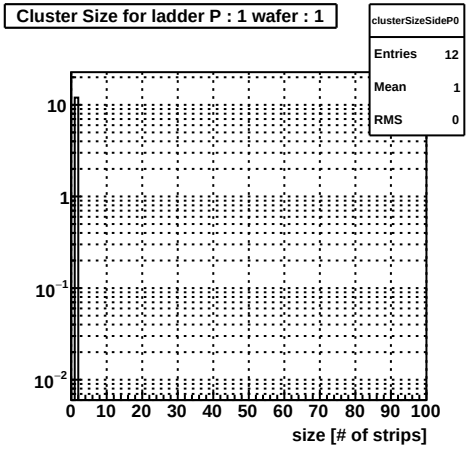
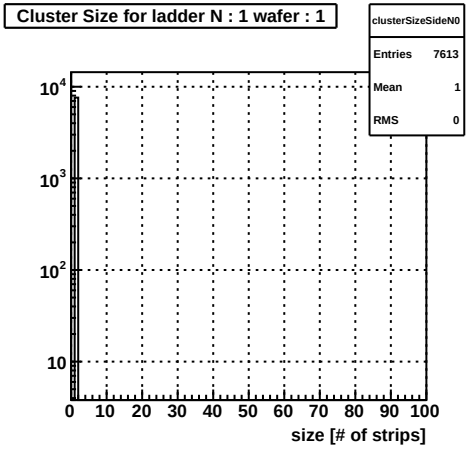
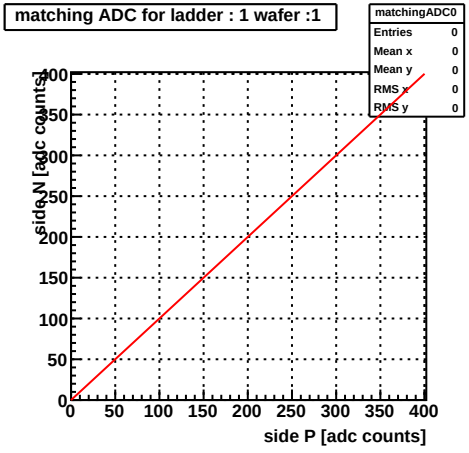
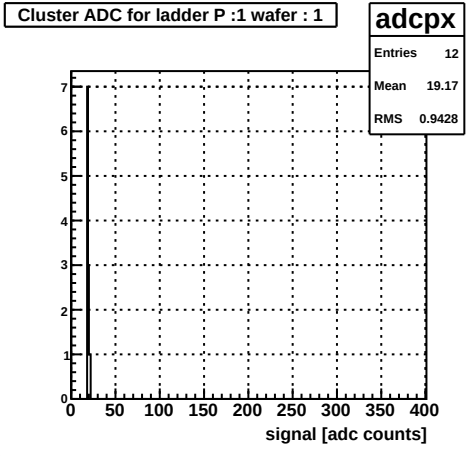
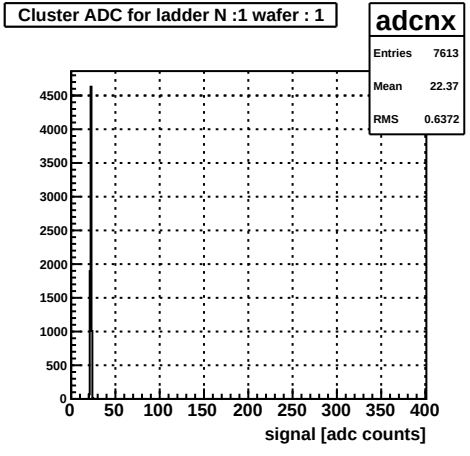
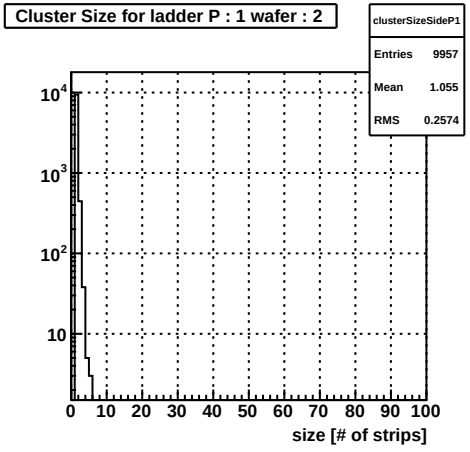

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 12
Mean 1
RMS 0
size [# of strips]

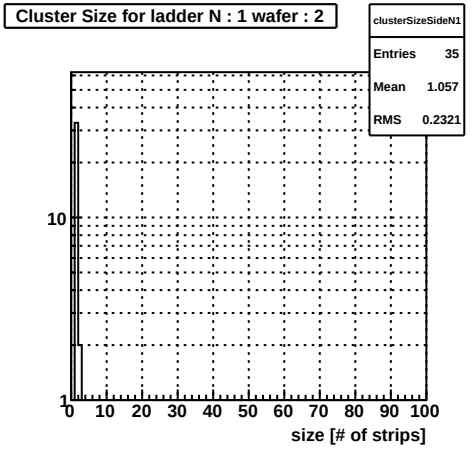

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 7613
Mean 1
RMS 0
size [# of strips]

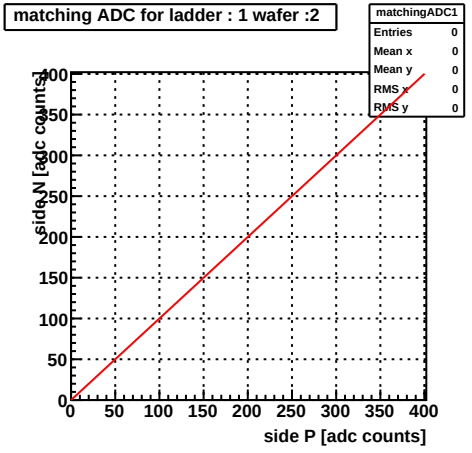

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

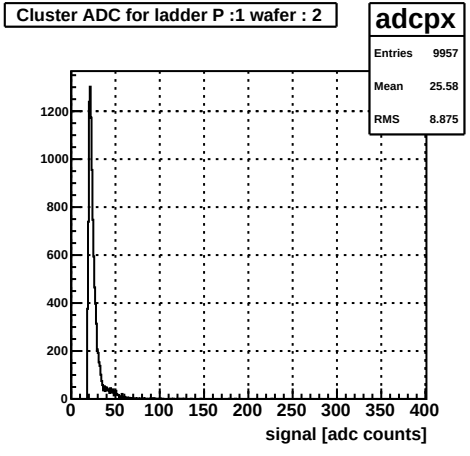

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 12
Mean 19.17
RMS 0.9428
signal [adc counts]

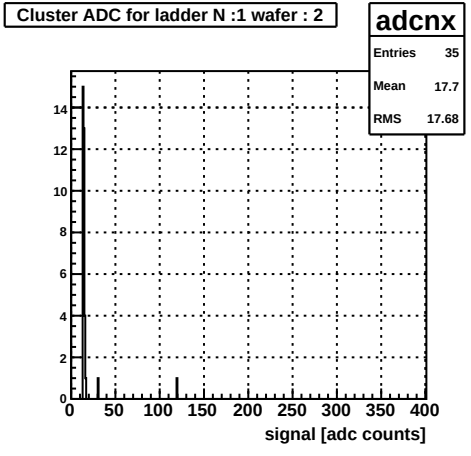

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 7613
Mean 22.37
RMS 0.6372
signal [adc counts]

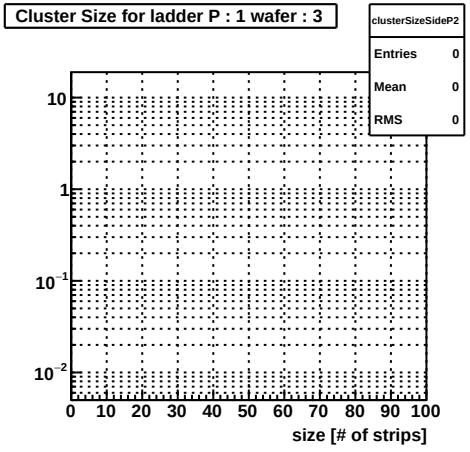

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9957
Mean 1.055
RMS 0.2574
size [# of strips]

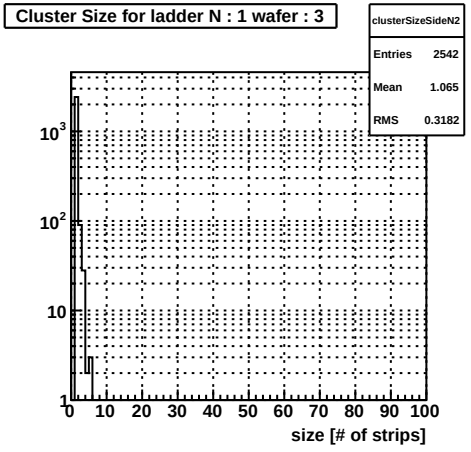

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 35
Mean 1.057
RMS 0.2321
size [# of strips]

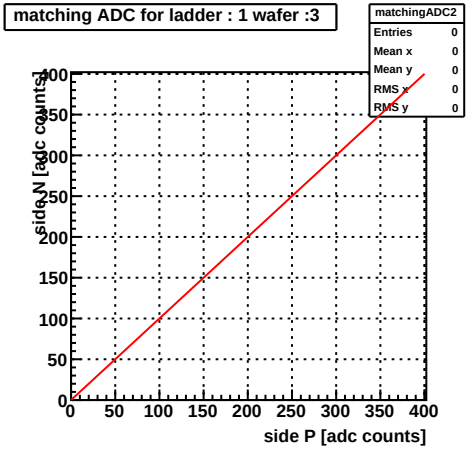

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

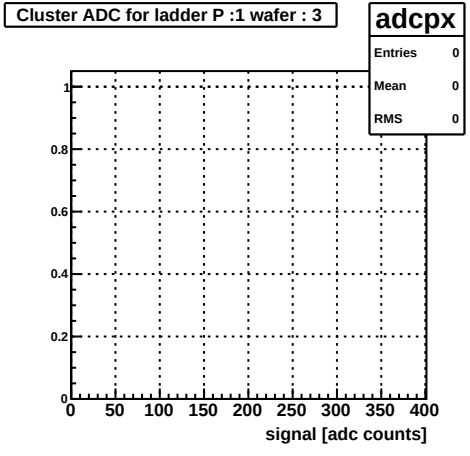

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9957
Mean 25.58
RMS 8.875
signal [adc counts]

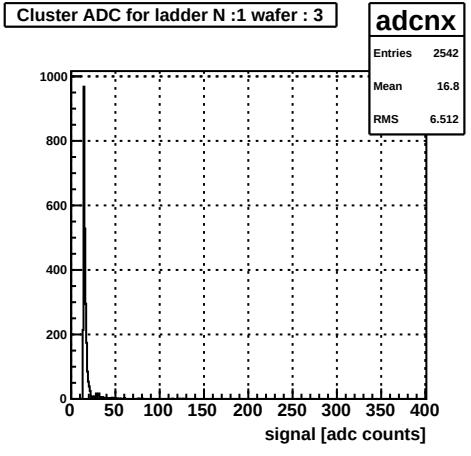

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 35
Mean 17.7
RMS 17.68
signal [adc counts]

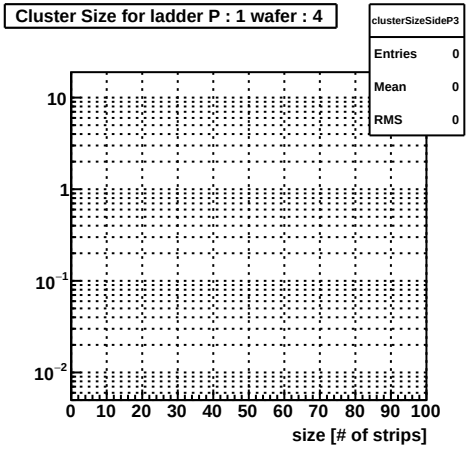

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

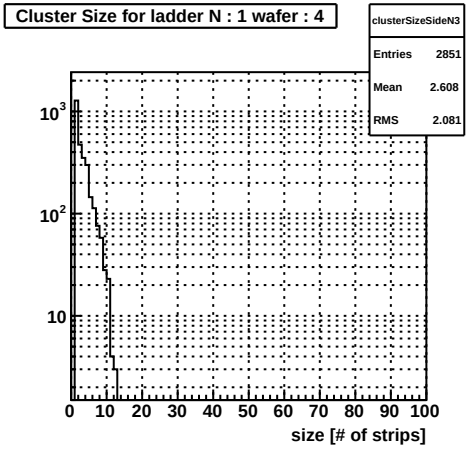

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2542
Mean 1.065
RMS 0.3182
size [# of strips]

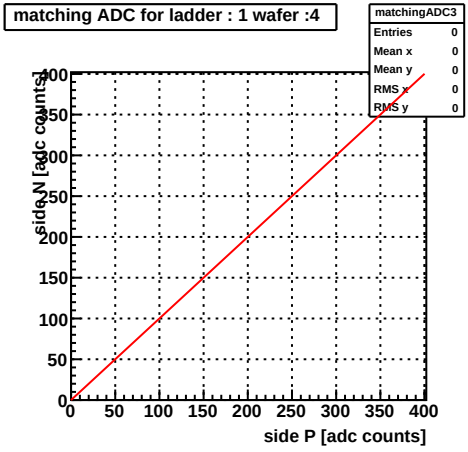

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

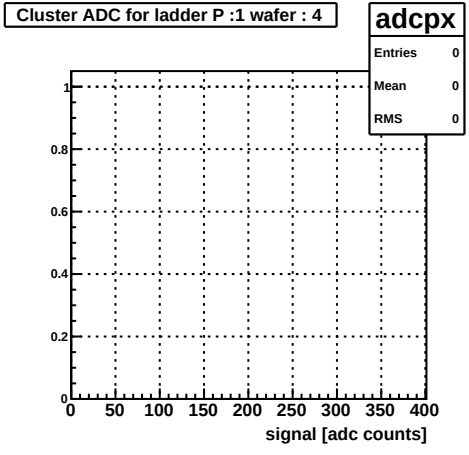

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

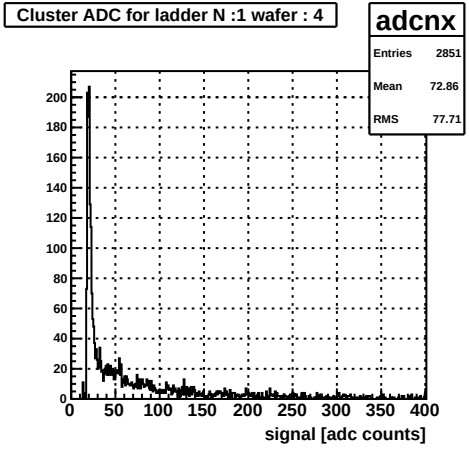

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2542
Mean 16.8
RMS 6.512
signal [adc counts]

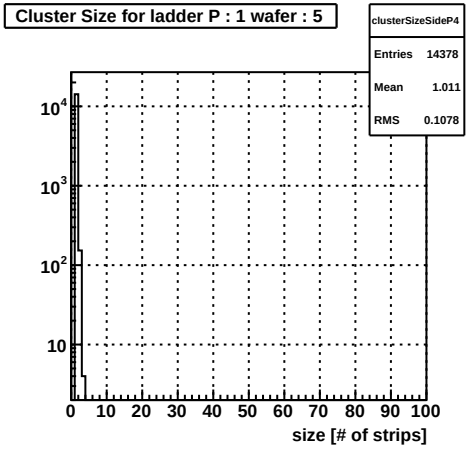

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

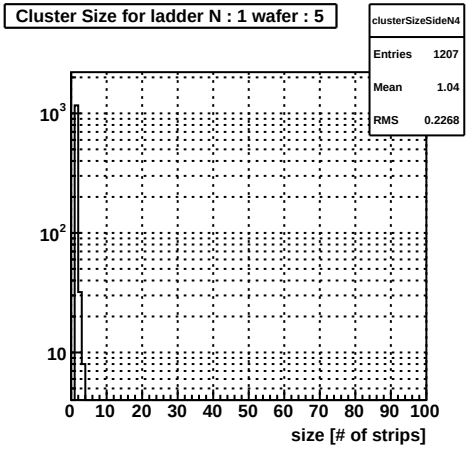

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2851
Mean 2.608
RMS 2.081
size [# of strips]

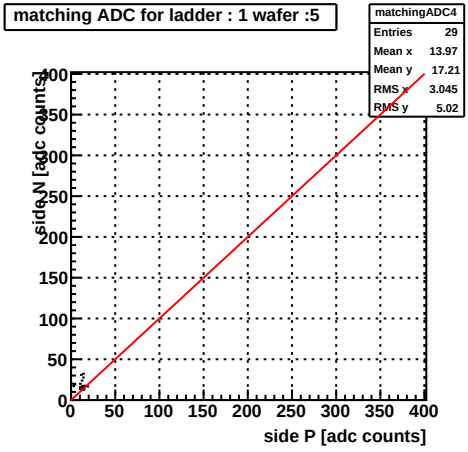

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

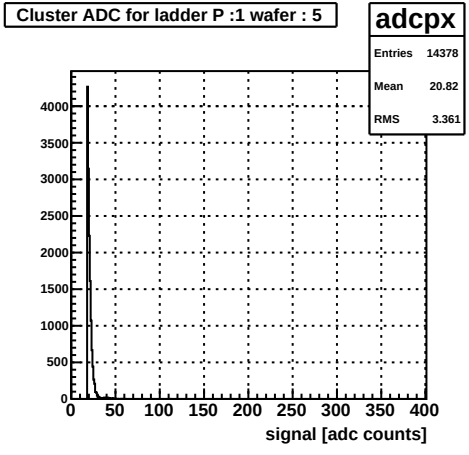

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

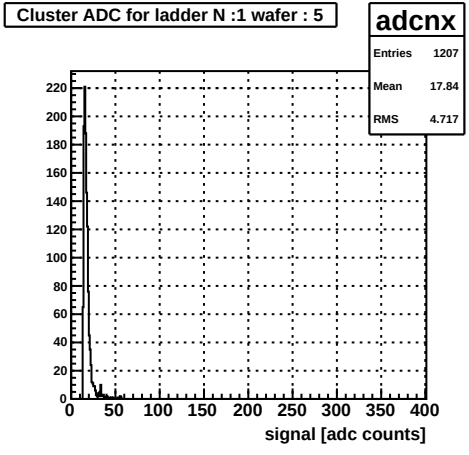

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2851
Mean 72.86
RMS 77.71
signal [adc counts]

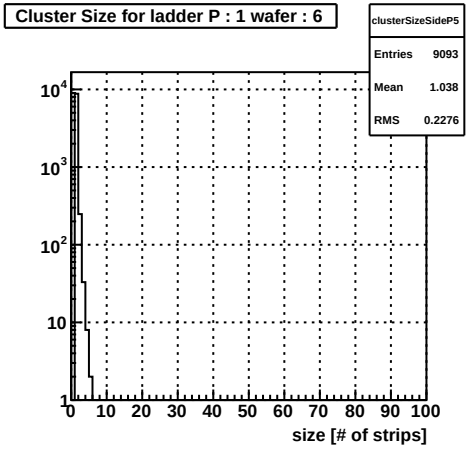

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 14378
Mean 1.011
RMS 0.1078
size [# of strips]

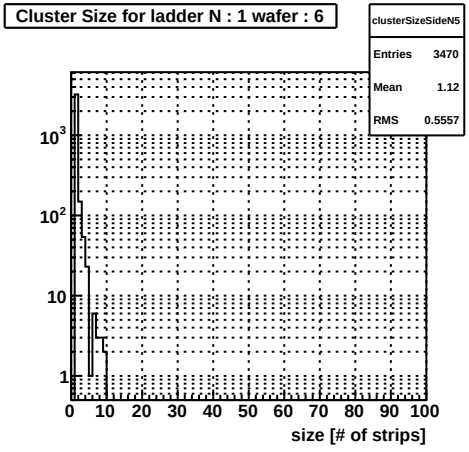

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1207
Mean 1.04
RMS 0.2268
size [# of strips]

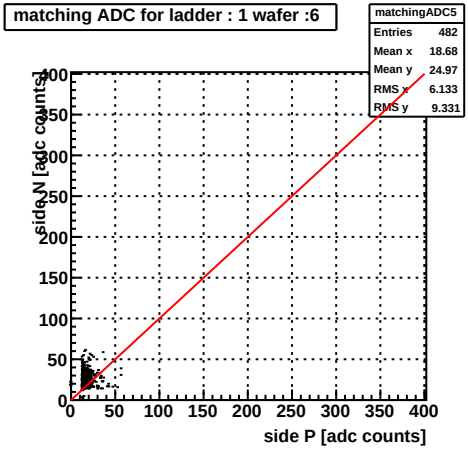

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 29
Mean x 13.97
Mean y 17.21
RMS x 3.045
RMS y 5.02
side N [adc counts]
side P [adc counts]

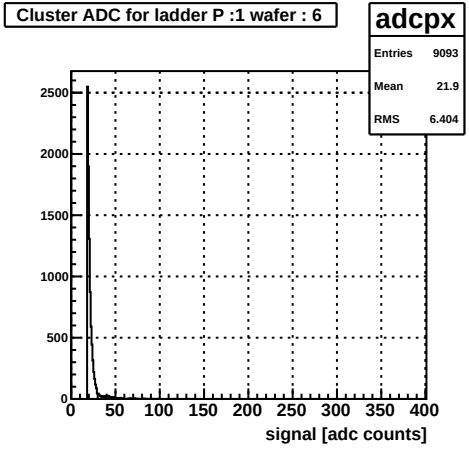

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 14378
Mean 20.82
RMS 3.361
signal [adc counts]

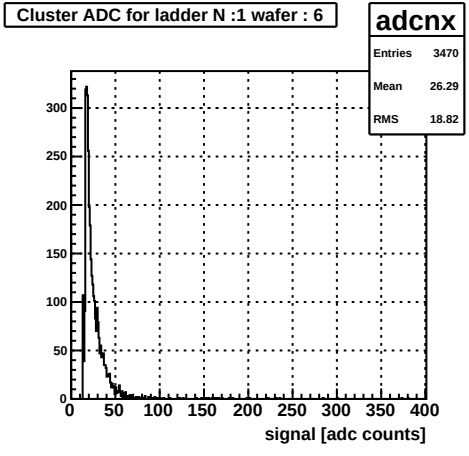

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1207
Mean 17.84
RMS 4.717
signal [adc counts]

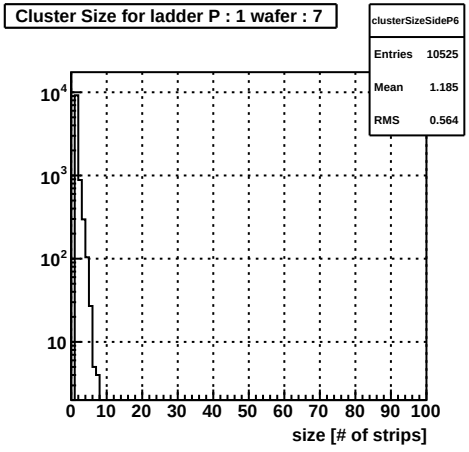

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9093
Mean 1.038
RMS 0.2276
size [# of strips]

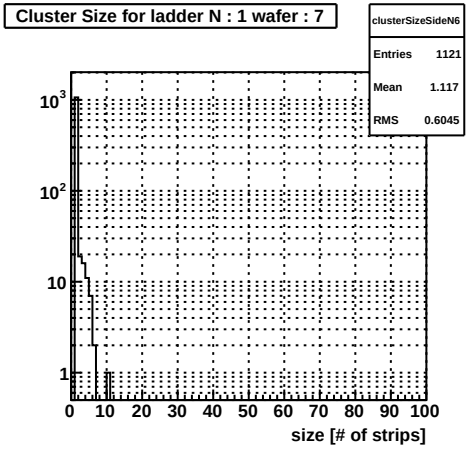

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3470
Mean 1.12
RMS 0.5557
size [# of strips]

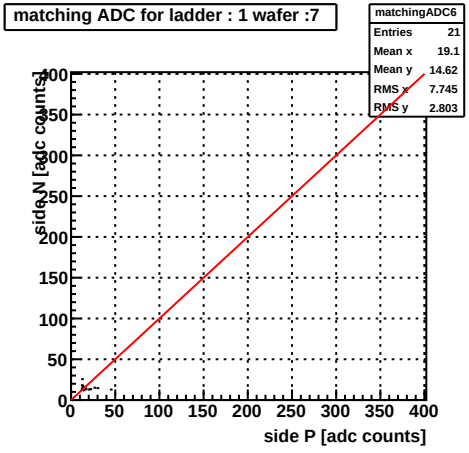

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 482
Mean x 18.68
Mean y 24.97
RMS x 6.133
RMS y 9.331
side N [adc counts]
side P [adc counts]

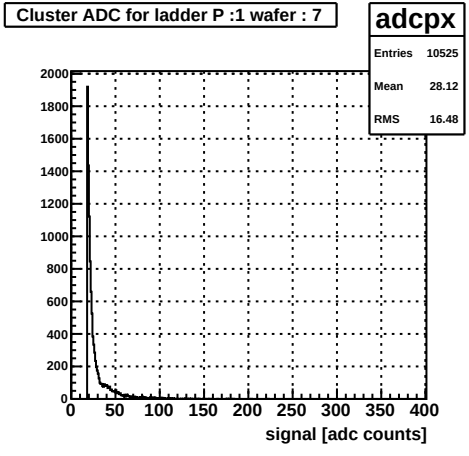

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9093
Mean 21.9
RMS 6.404
signal [adc counts]

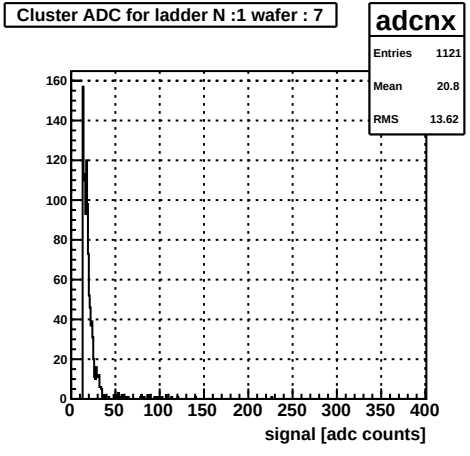

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3470
Mean 26.29
RMS 18.82
signal [adc counts]

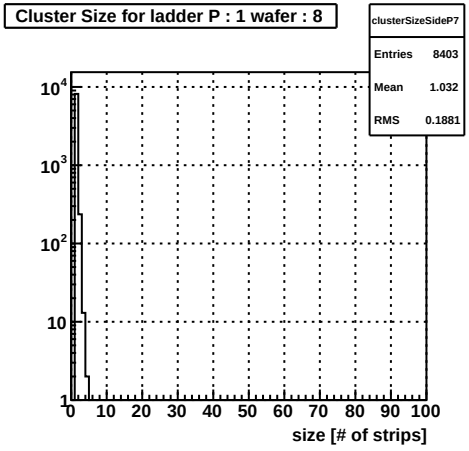

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10525
Mean 1.185
RMS 0.564
size [# of strips]

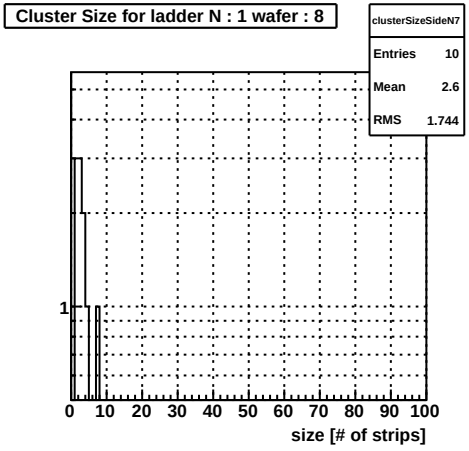

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1121
Mean 1.117
RMS 0.6045
size [# of strips]

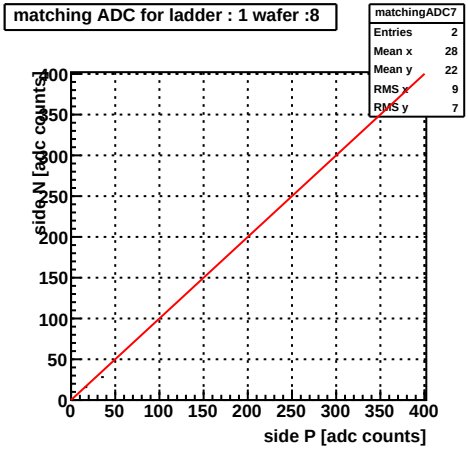

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 21
Mean x 19.1
Mean y 14.62
RMS x 7.745
RMS y 2.803
side N [adc counts]
side P [adc counts]

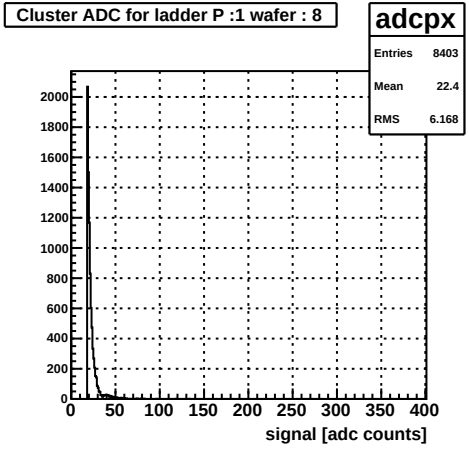

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10525
Mean 28.12
RMS 16.48
signal [adc counts]

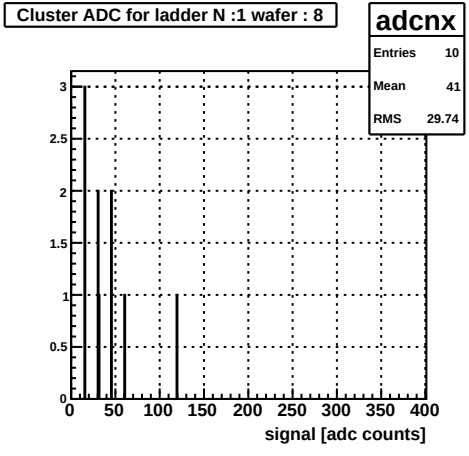

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1121
Mean 20.8
RMS 13.62
signal [adc counts]

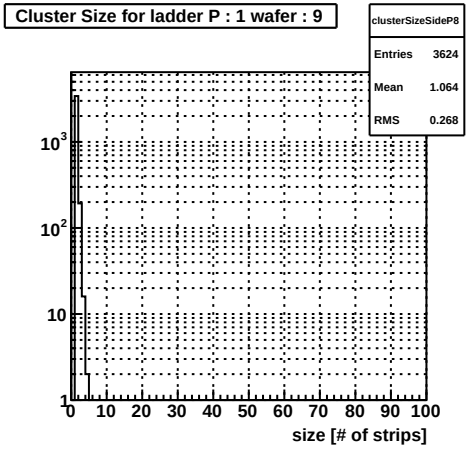

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8403
Mean 1.032
RMS 0.1881
size [# of strips]

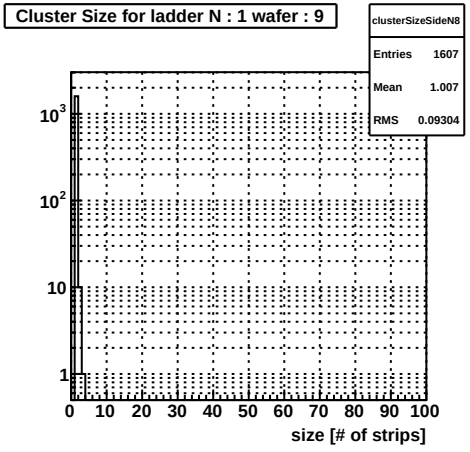

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 10
Mean 2.6
RMS 1.744
size [# of strips]

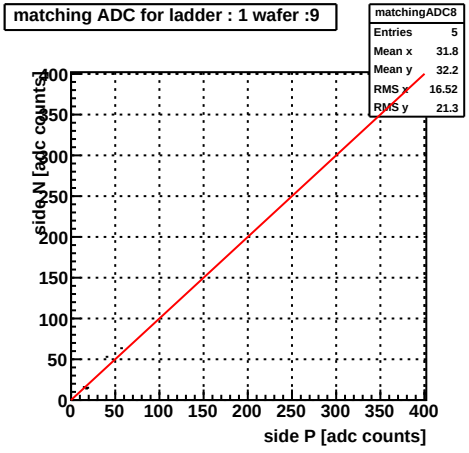

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 2
Mean x 28
Mean y 22
RMS x 9
RMS y 7
side N [adc counts]
side P [adc counts]

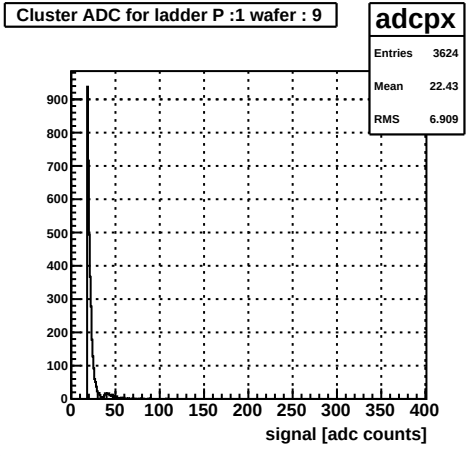

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8403
Mean 22.4
RMS 6.168
signal [adc counts]

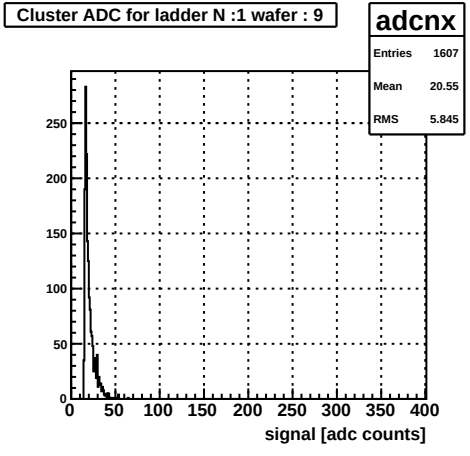

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 10
Mean 41
RMS 29.74
signal [adc counts]

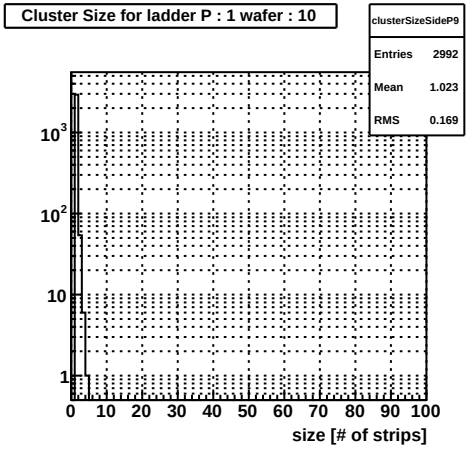

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3624
Mean 1.064
RMS 0.268
size [# of strips]

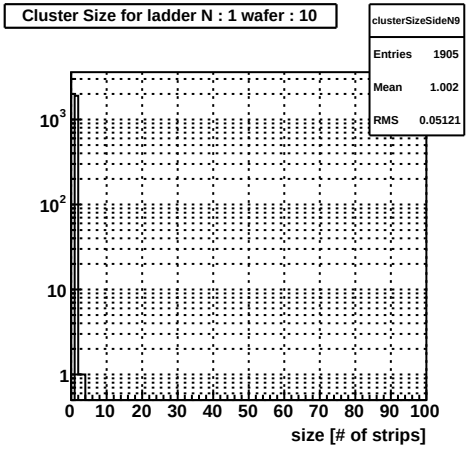

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1607
Mean 1.007
RMS 0.09304
size [# of strips]

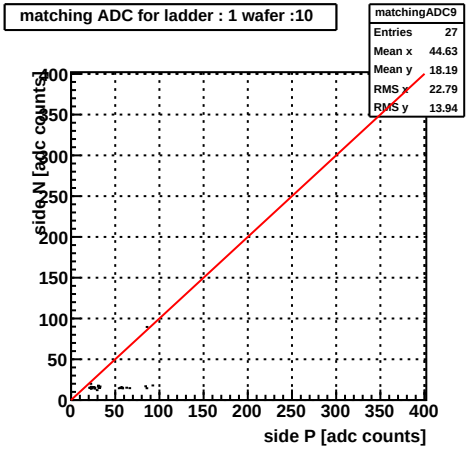

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 5
Mean x 31.8
Mean y 32.2
RMS x 16.52
RMS y 21.3
side N [adc counts]
side P [adc counts]

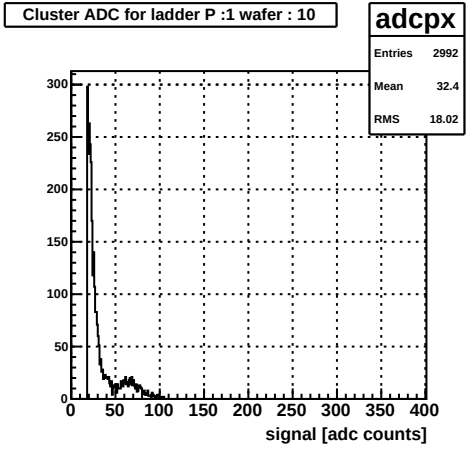

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3624
Mean 22.43
RMS 6.909
signal [adc counts]

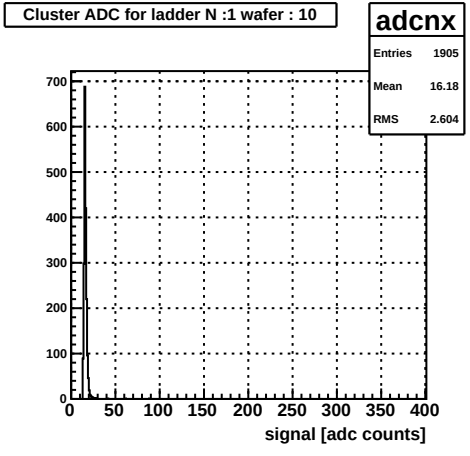

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1607
Mean 20.55
RMS 5.845
signal [adc counts]

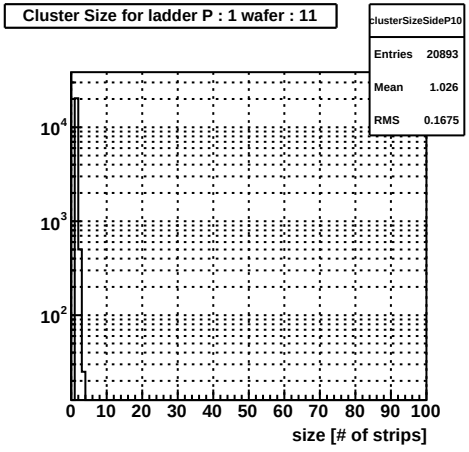

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2992
Mean 1.023
RMS 0.169
size [# of strips]

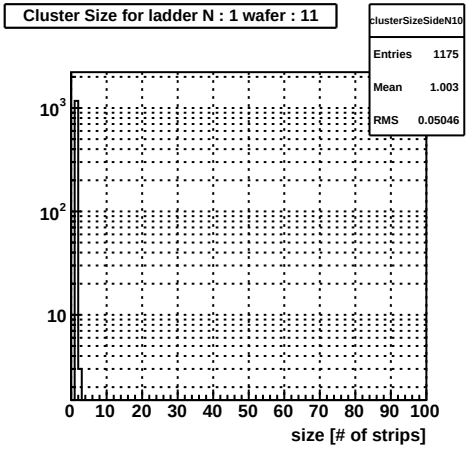

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1905
Mean 1.002
RMS 0.05121
size [# of strips]

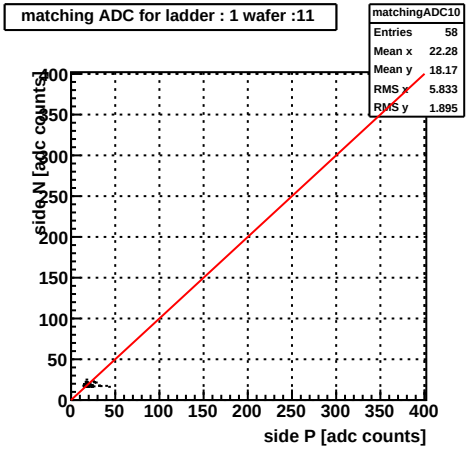

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 27
Mean x 44.63
Mean y 18.19
RMS x 22.79
RMS y 13.94
side N [adc counts]
side P [adc counts]

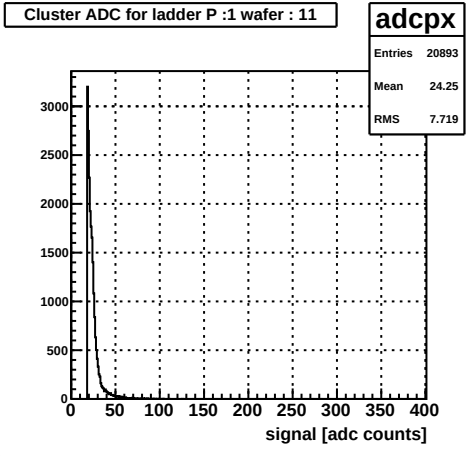

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2992
Mean 32.4
RMS 18.02
signal [adc counts]

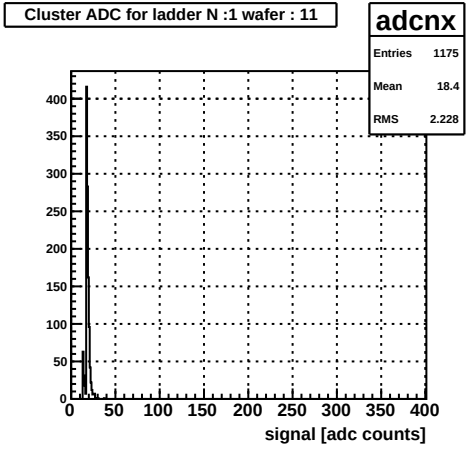

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1905
Mean 16.18
RMS 2.604
signal [adc counts]

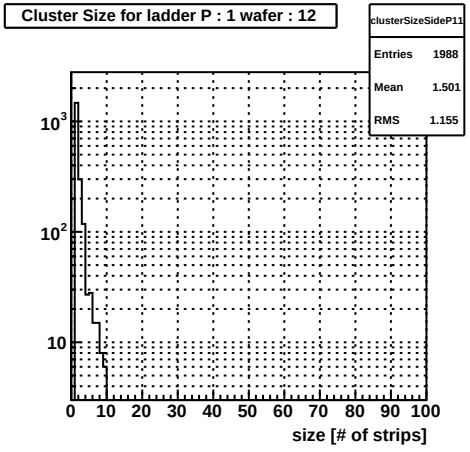

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 20893
Mean 1.026
RMS 0.1675
size [# of strips]

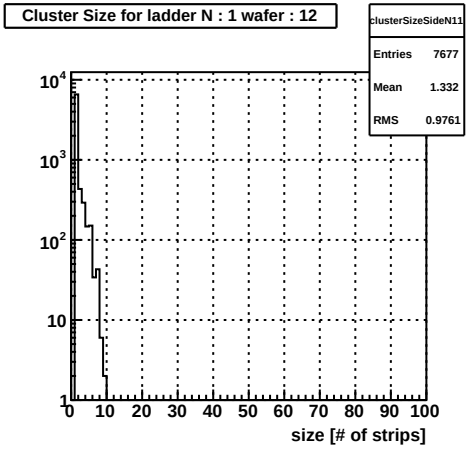

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1175
Mean 1.003
RMS 0.05046
size [# of strips]

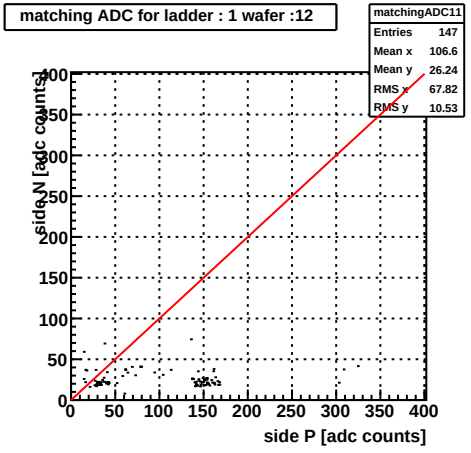

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 58
Mean x 22.28
Mean y 18.17
RMS x 5.833
RMS y 1.895
side N [adc counts]
side P [adc counts]

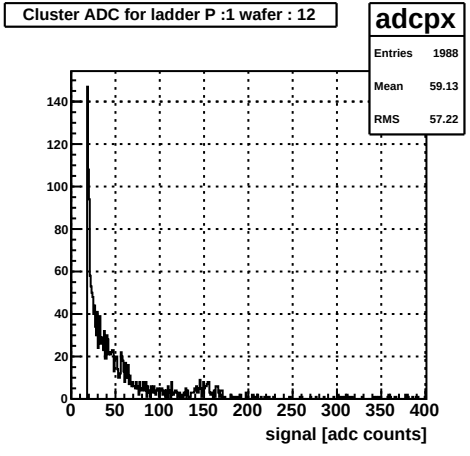

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 20893
Mean 24.25
RMS 7.719
signal [adc counts]

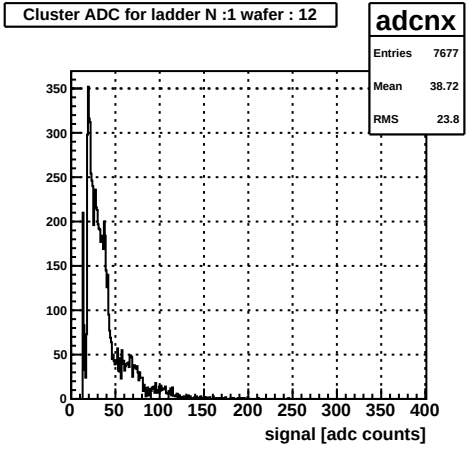

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1175
Mean 18.4
RMS 2.228
signal [adc counts]

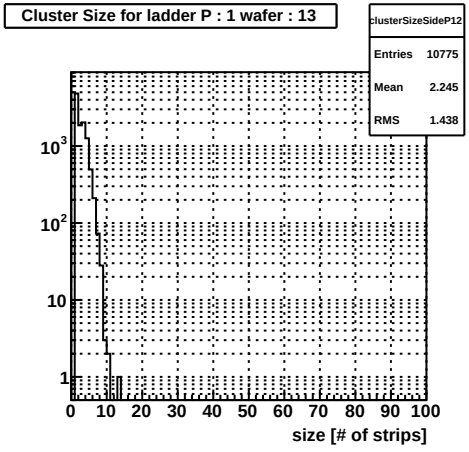

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1988
Mean 1.501
RMS 1.155
size [# of strips]

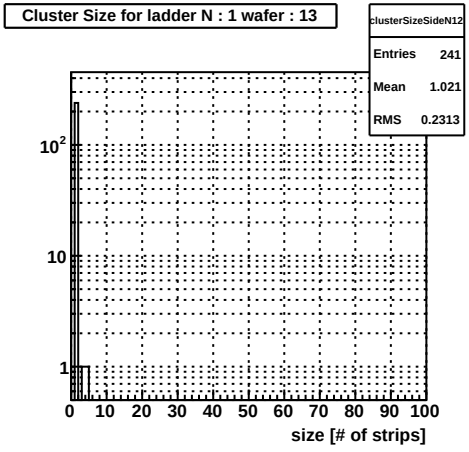

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7677
Mean 1.332
RMS 0.9761
size [# of strips]

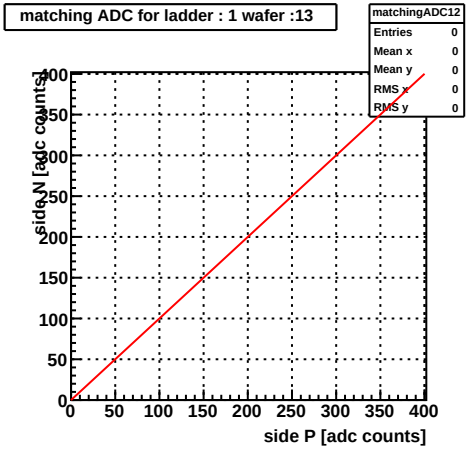

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 147
Mean x 106.6
Mean y 26.24
RMS x 67.82
RMS y 10.53
side N [adc counts]
side P [adc counts]

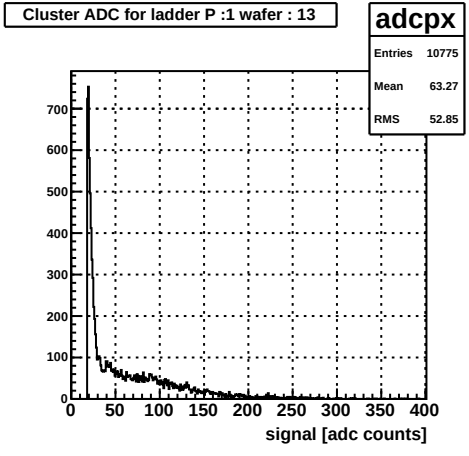

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1988
Mean 59.13
RMS 57.22
signal [adc counts]

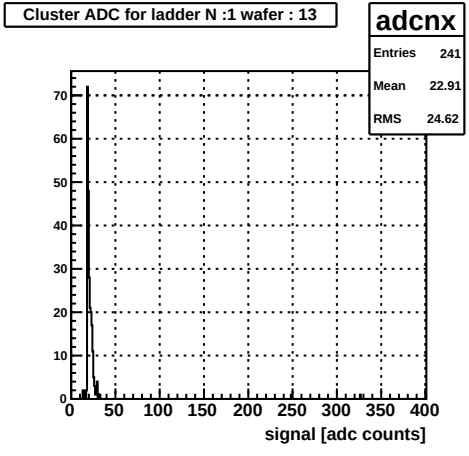

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7677
Mean 38.72
RMS 23.8
signal [adc counts]

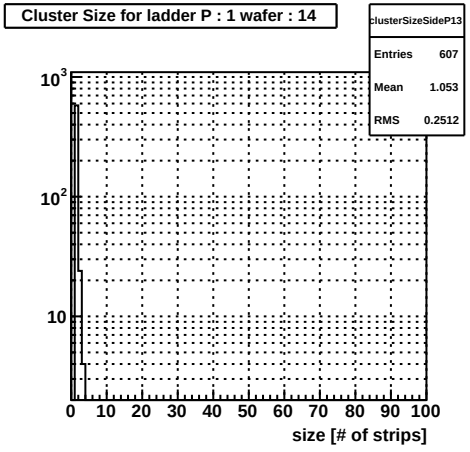

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10775
Mean 2.245
RMS 1.438
size [# of strips]

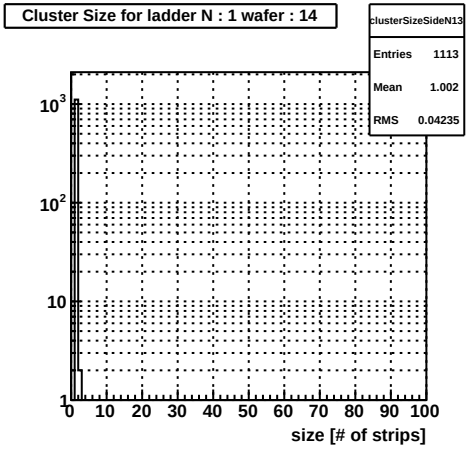

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 241
Mean 1.021
RMS 0.2313
size [# of strips]

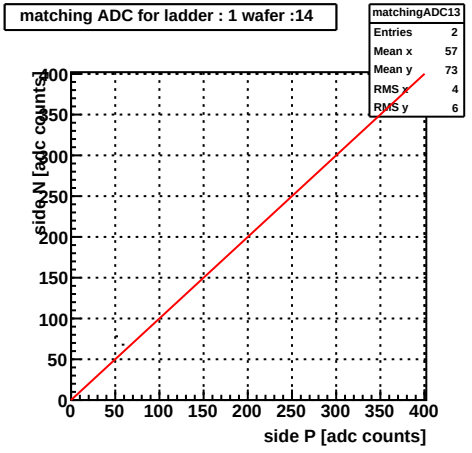

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

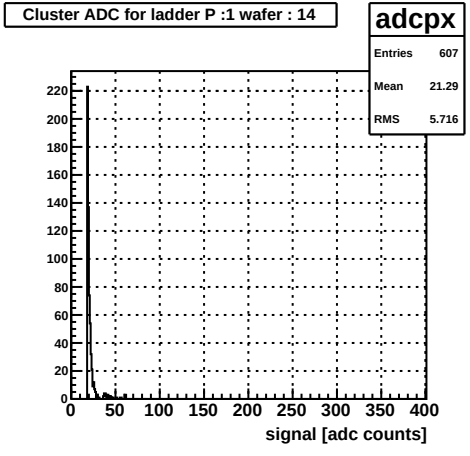

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10775
Mean 63.27
RMS 52.85
signal [adc counts]

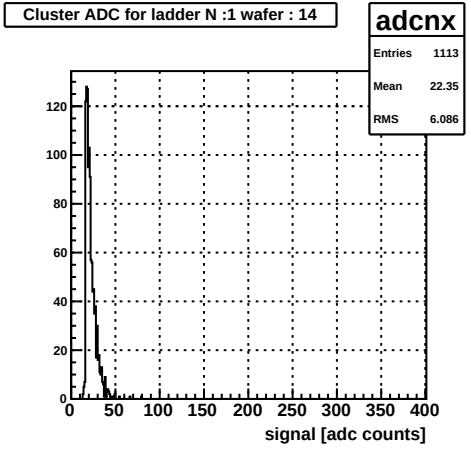

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 241
Mean 22.91
RMS 24.62
signal [adc counts]

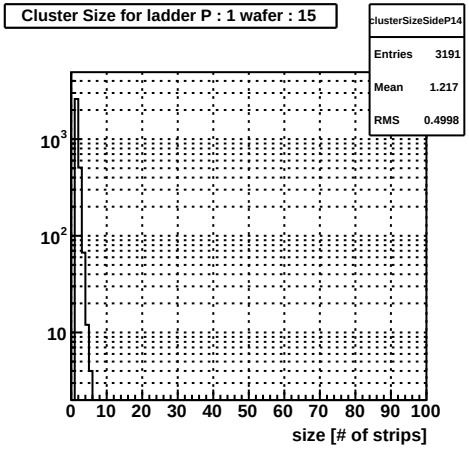

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 607
Mean 1.053
RMS 0.2512
size [# of strips]

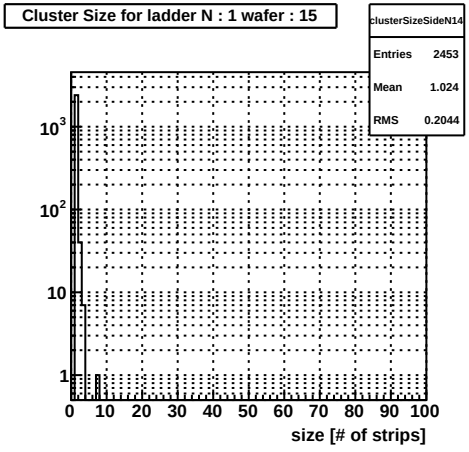

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1113
Mean 1.002
RMS 0.04235
size [# of strips]

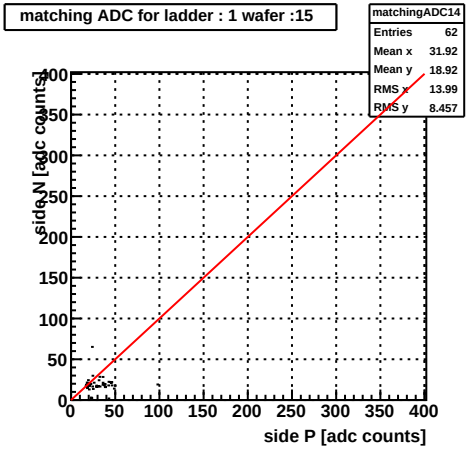

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 2
Mean x 57
Mean y 73
RMS x 4
RMS y 6
side N [adc counts]
side P [adc counts]

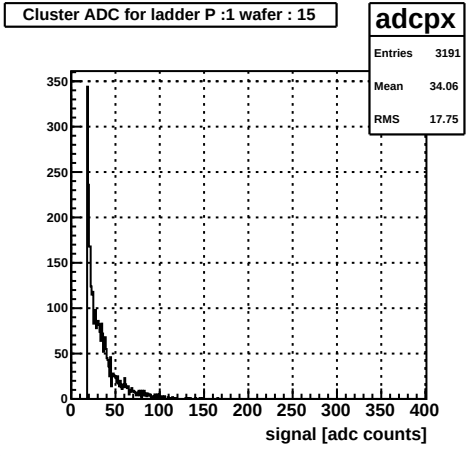

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 607
Mean 21.29
RMS 5.716
signal [adc counts]

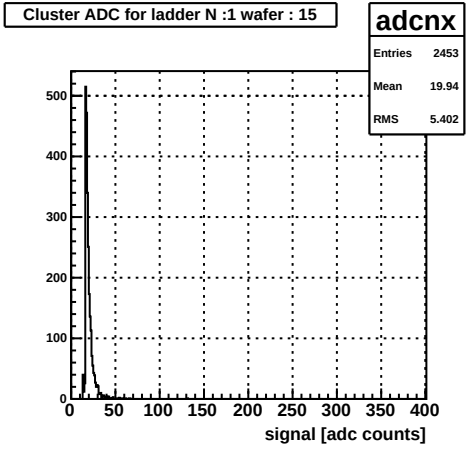

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1113
Mean 22.35
RMS 6.086
signal [adc counts]

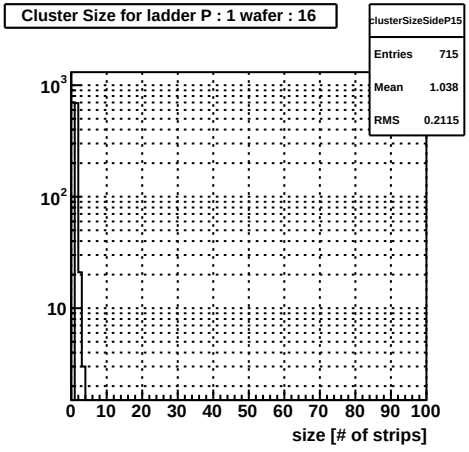

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3191
Mean 1.217
RMS 0.4998
size [# of strips]

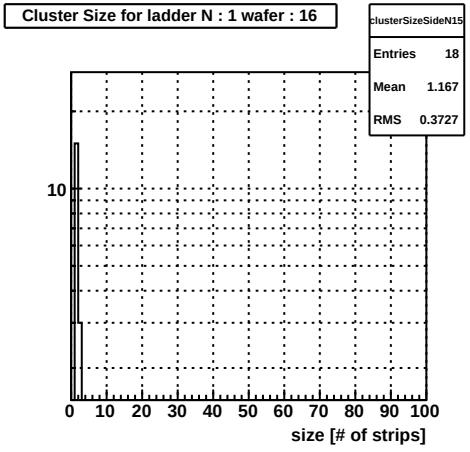

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2453
Mean 1.024
RMS 0.2044
size [# of strips]

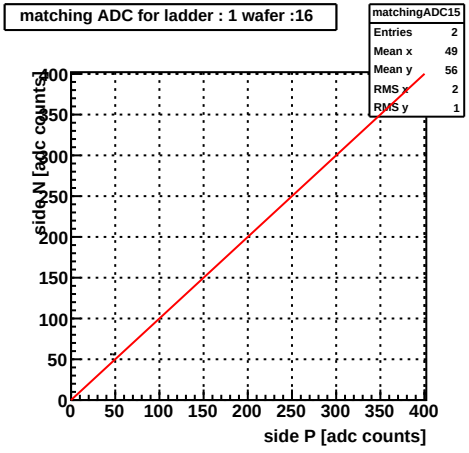

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 62
Mean x 31.92
Mean y 18.92
RMS x 13.99
RMS y 8.457
side N [adc counts]
side P [adc counts]

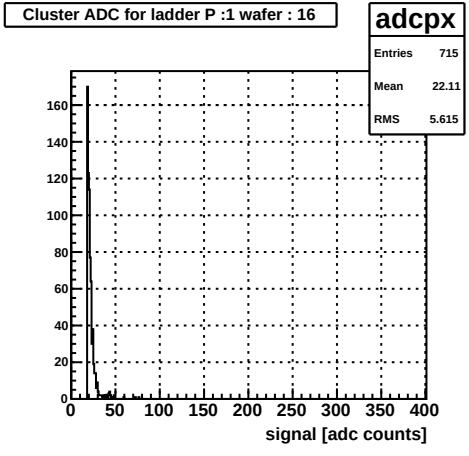

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3191
Mean 34.06
RMS 17.75
signal [adc counts]

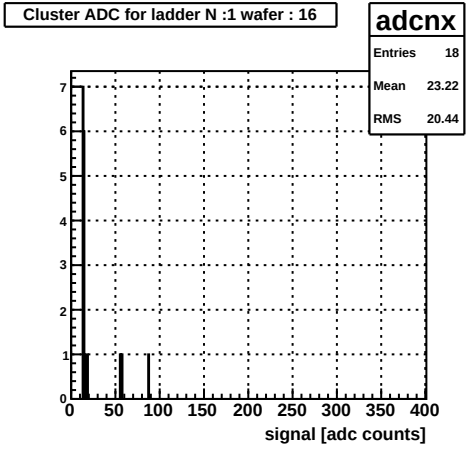

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2453
Mean 19.94
RMS 5.402
signal [adc counts]

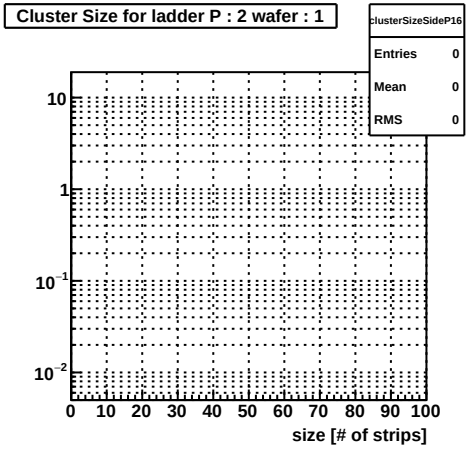

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 715
Mean 1.038
RMS 0.2115
size [# of strips]

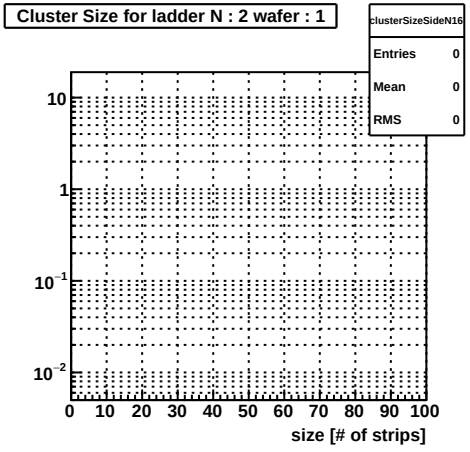

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

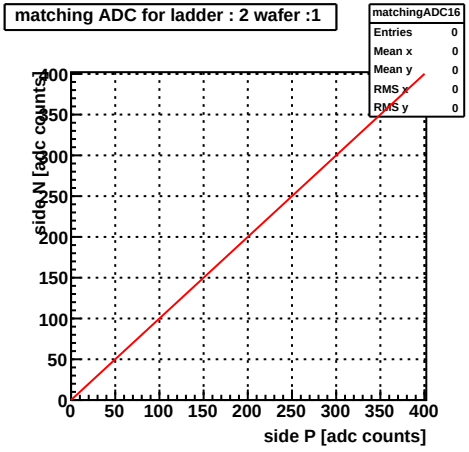

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 2
Mean x 49
Mean y 56
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

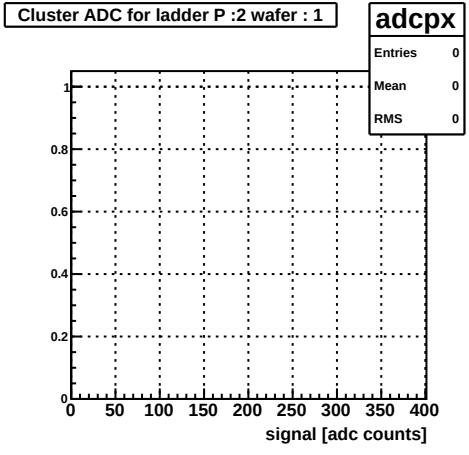

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 715
Mean 22.11
RMS 5.615
signal [adc counts]

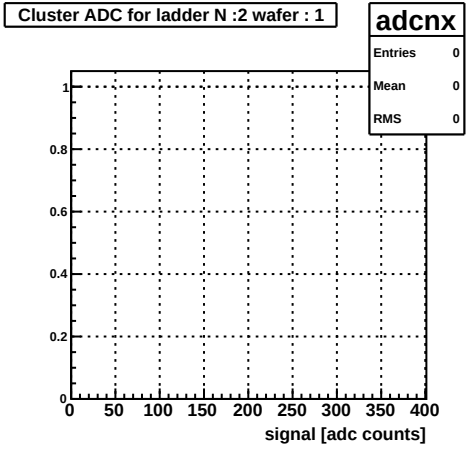

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 18
Mean 23.22
RMS 20.44
signal [adc counts]

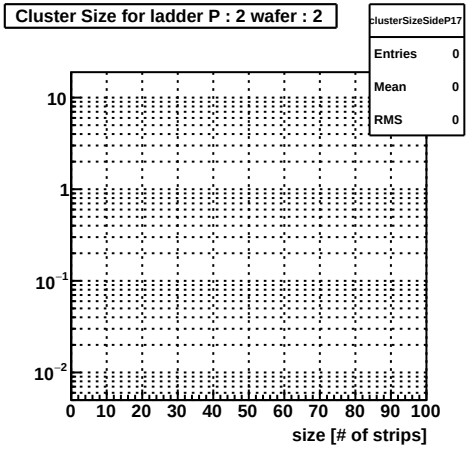

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

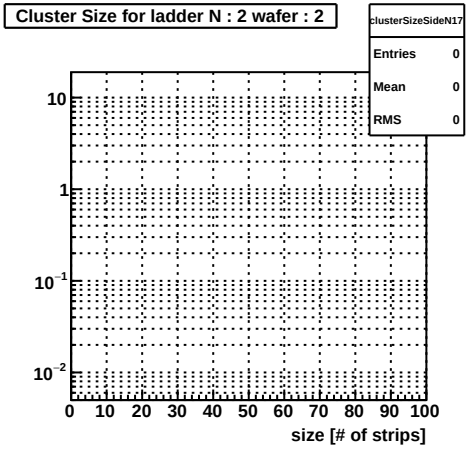

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

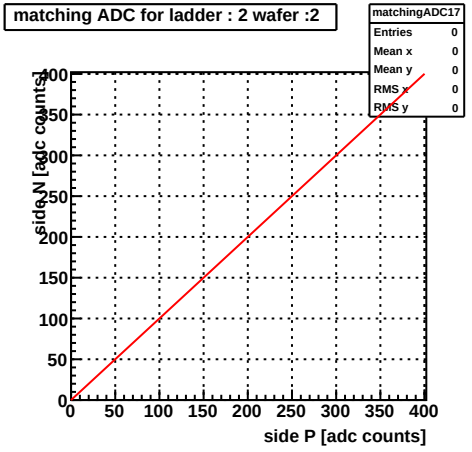

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

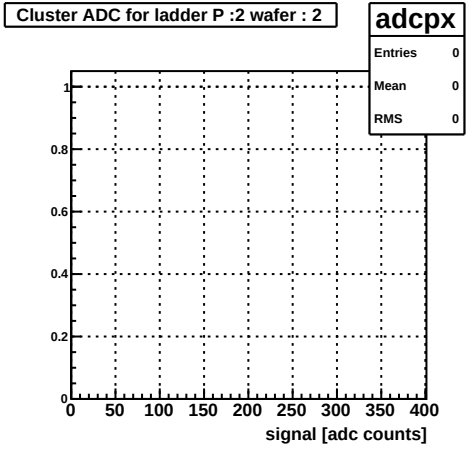

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

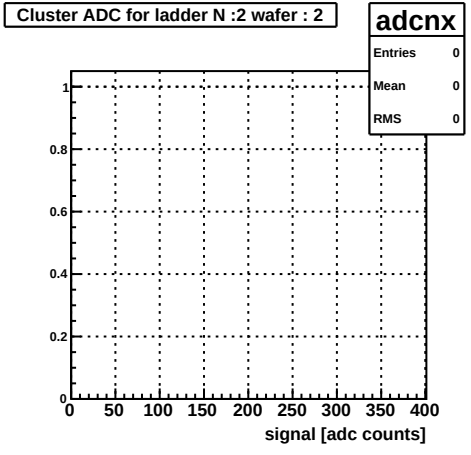

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

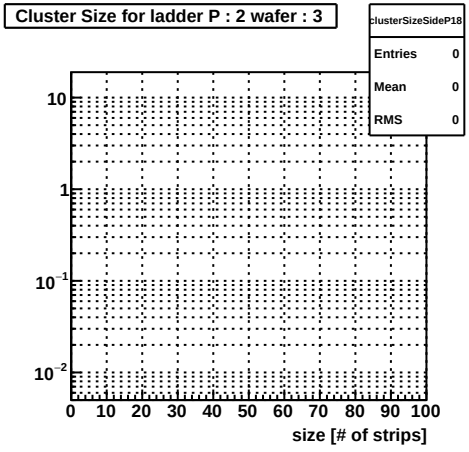

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

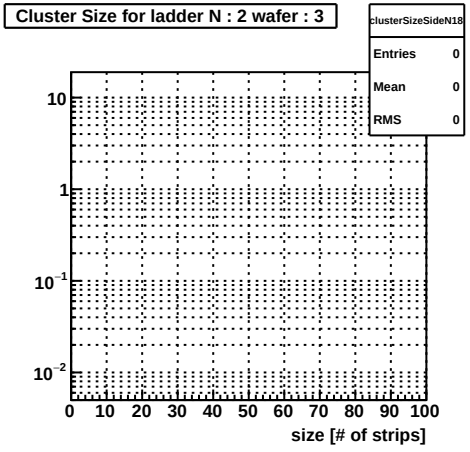

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

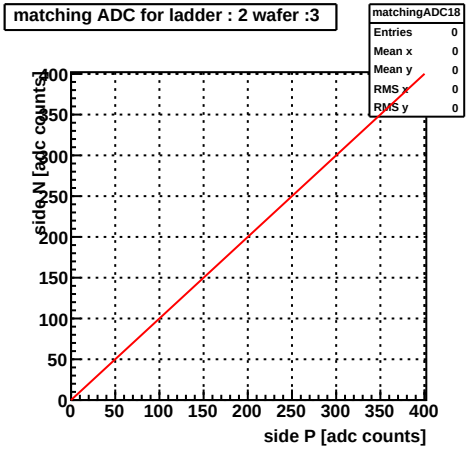

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

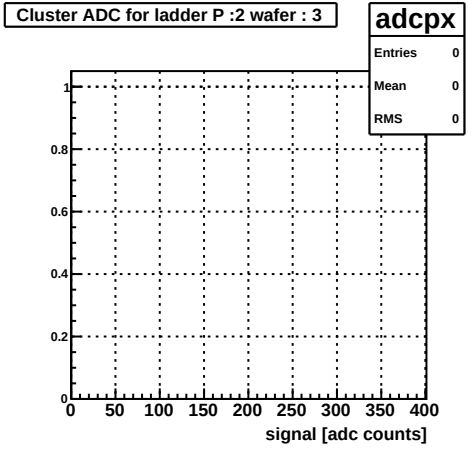

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

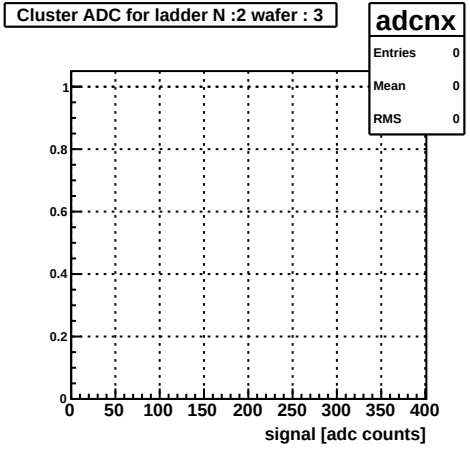

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

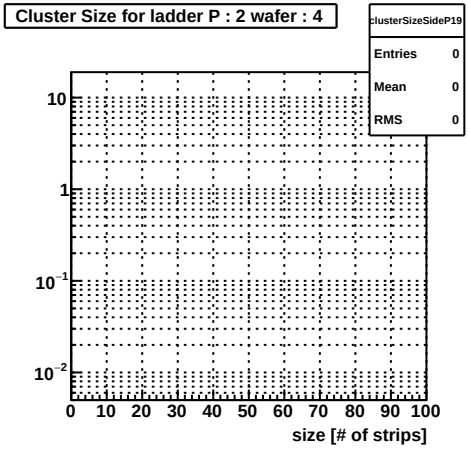

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

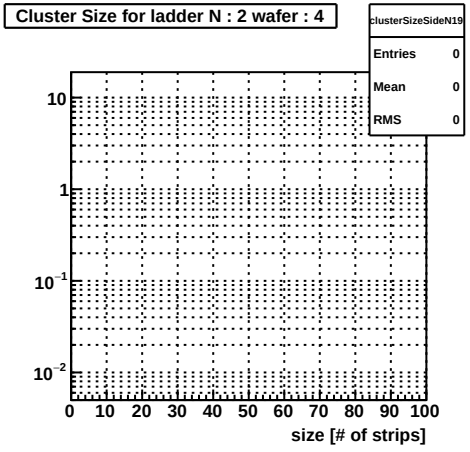

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

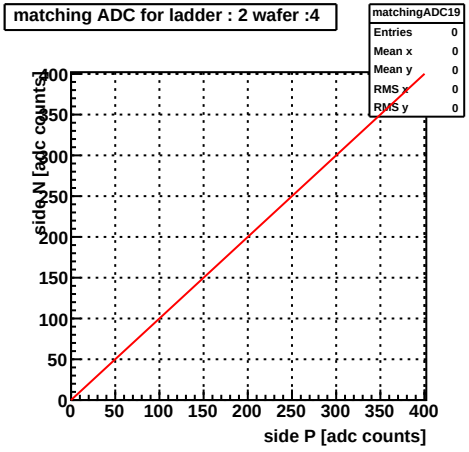

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

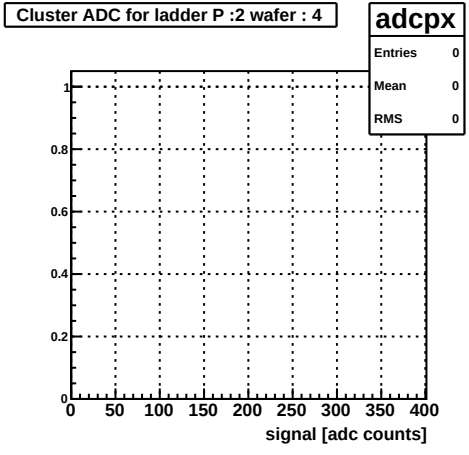

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

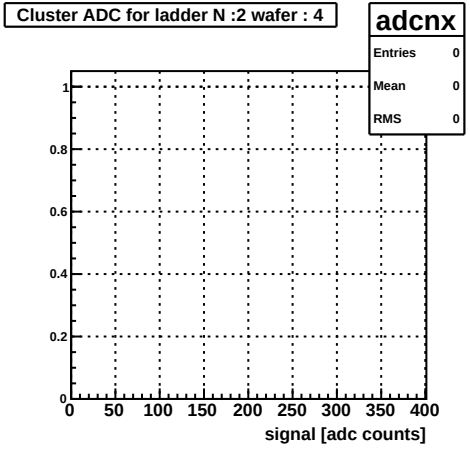

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

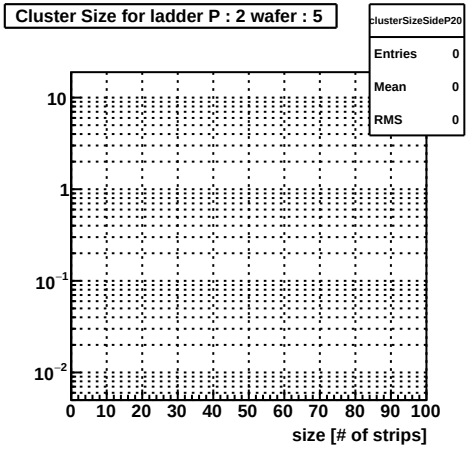

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

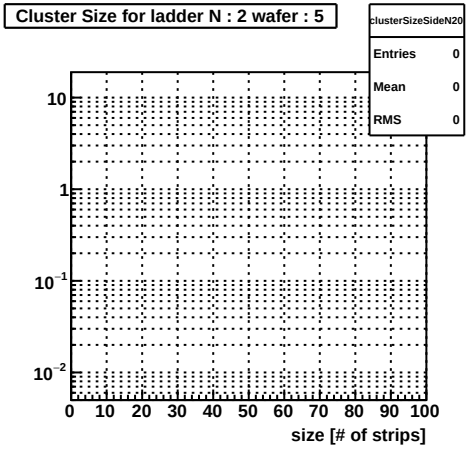

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

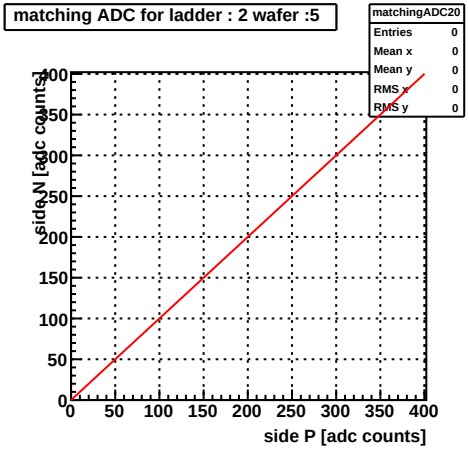

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

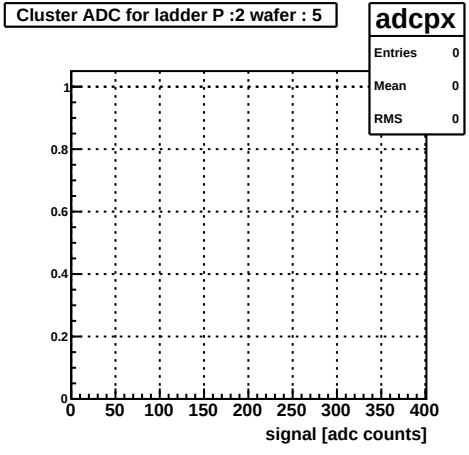

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

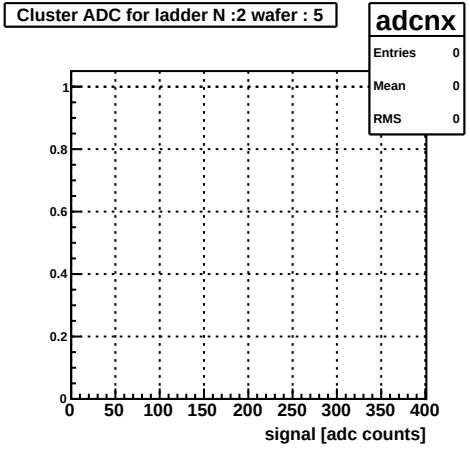

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

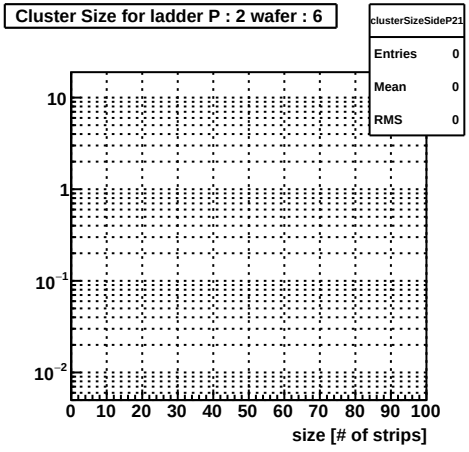

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

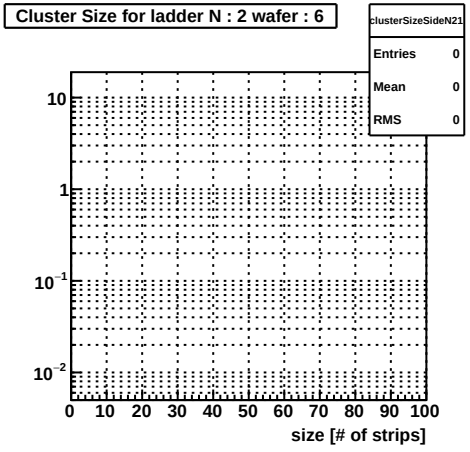

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

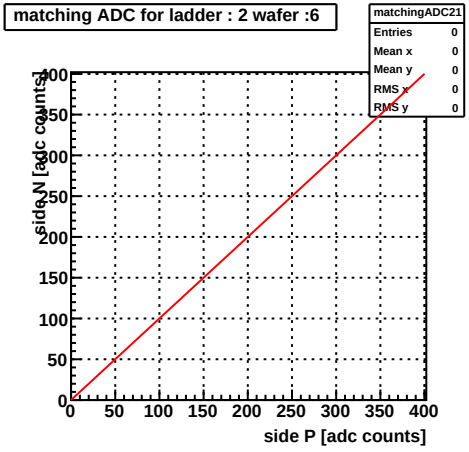

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

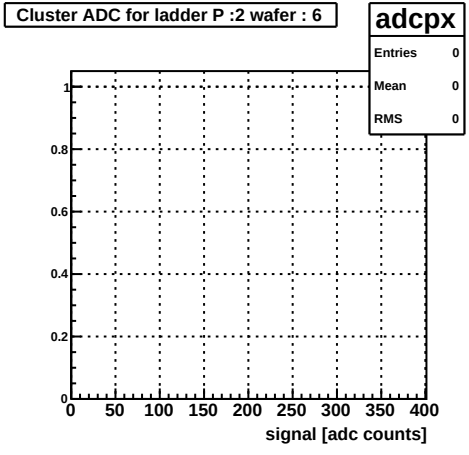

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

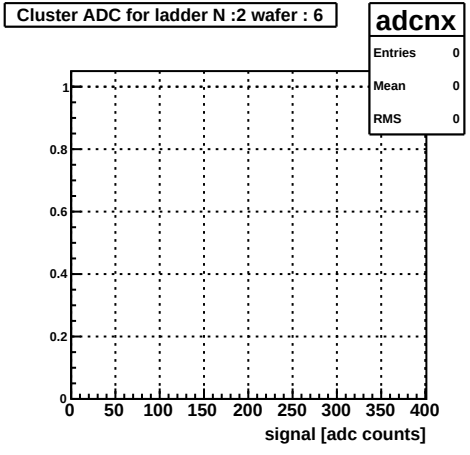

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

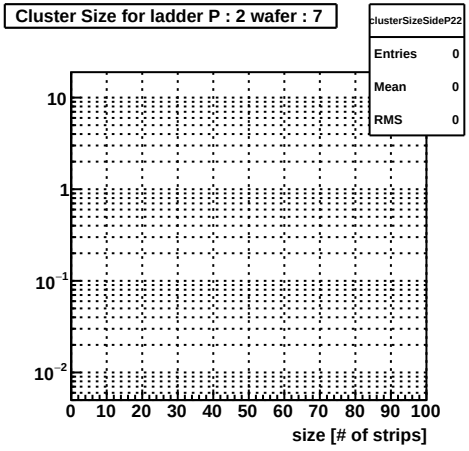

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

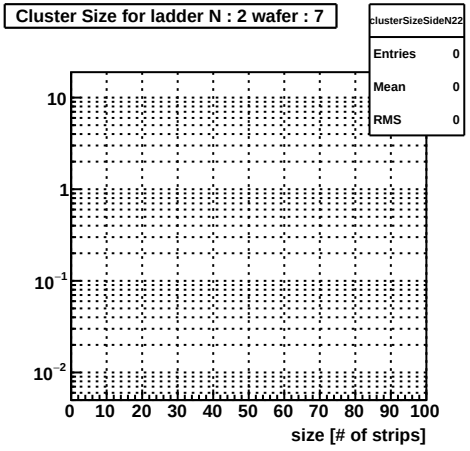

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

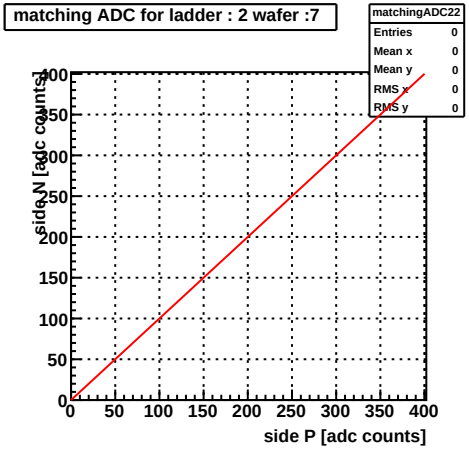

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

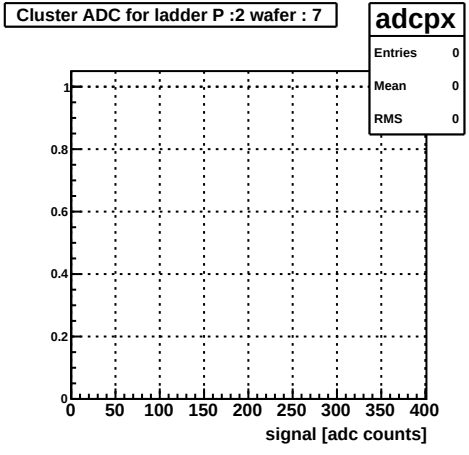

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

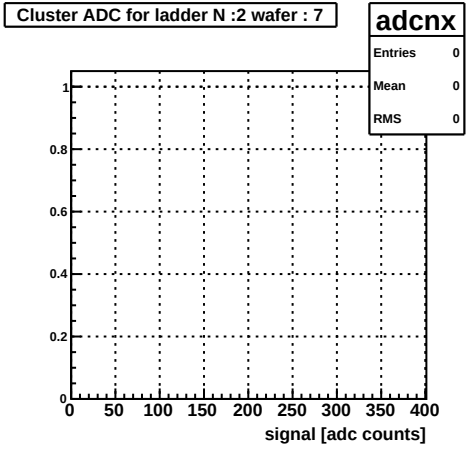

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

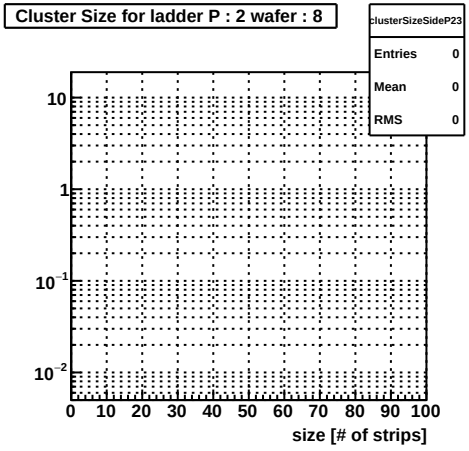

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

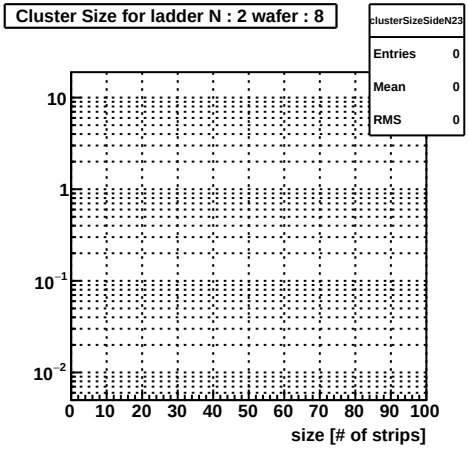

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

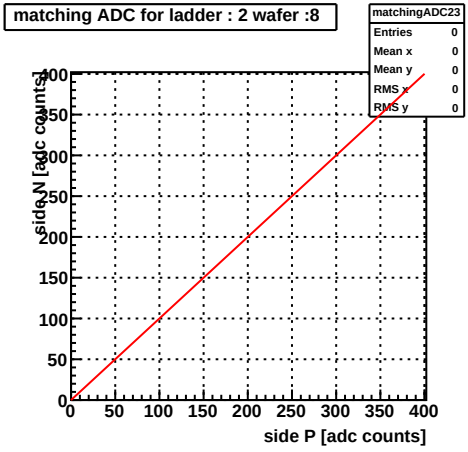

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

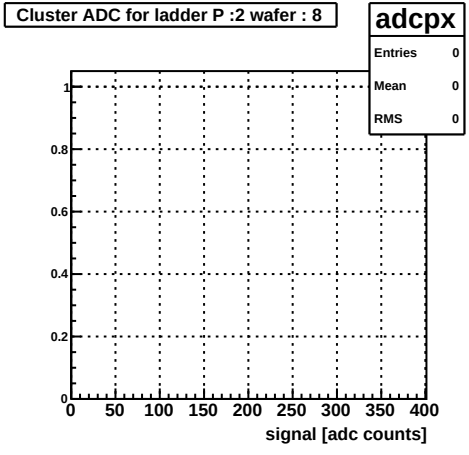

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

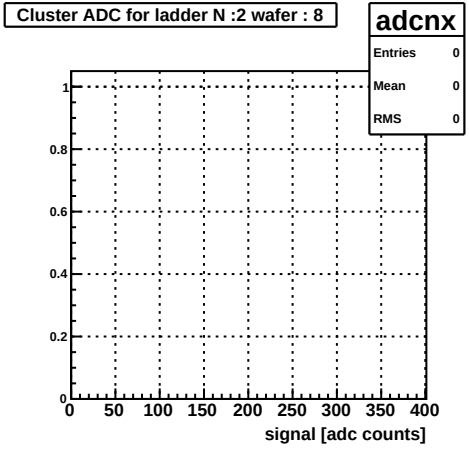

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

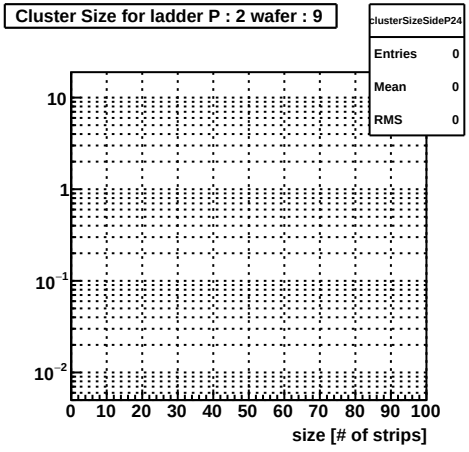

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

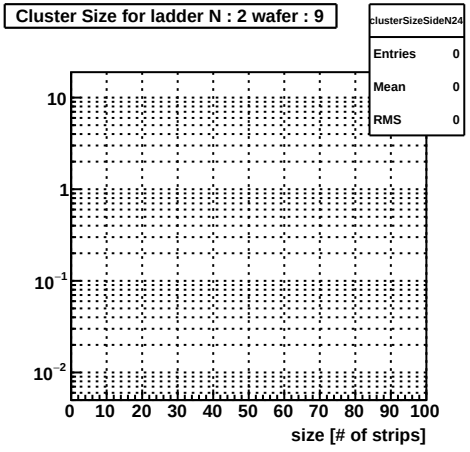

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

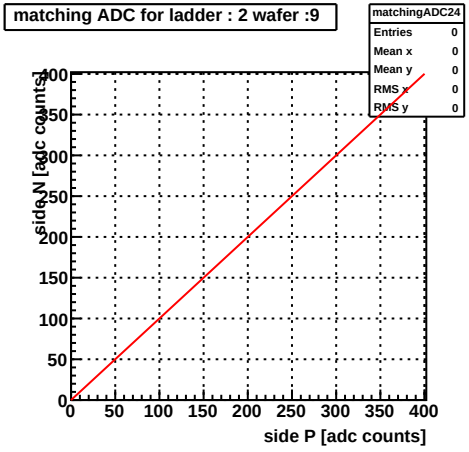

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

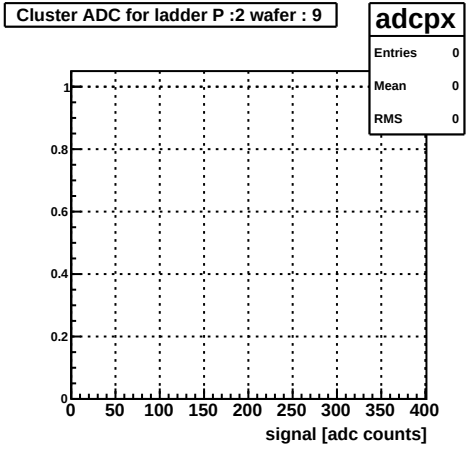

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

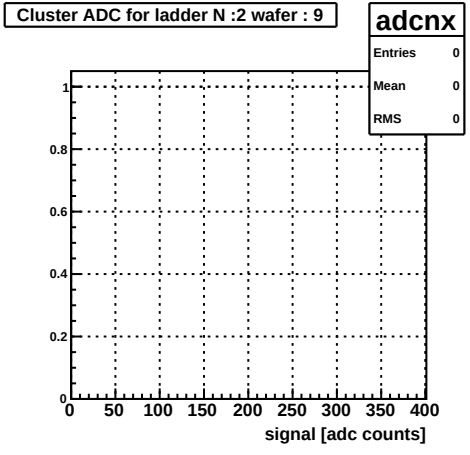

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

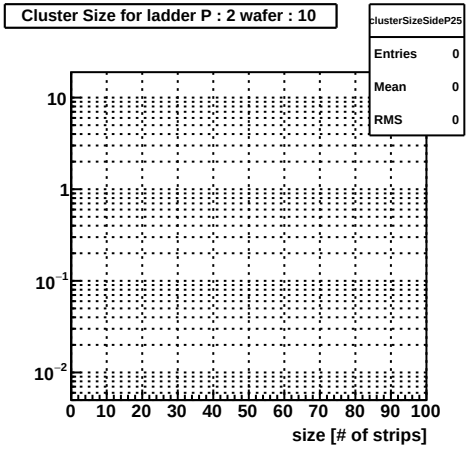

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

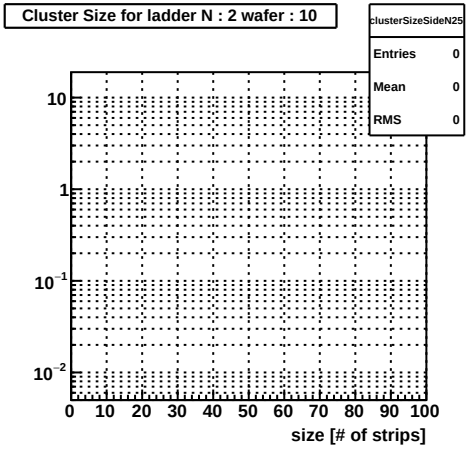

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

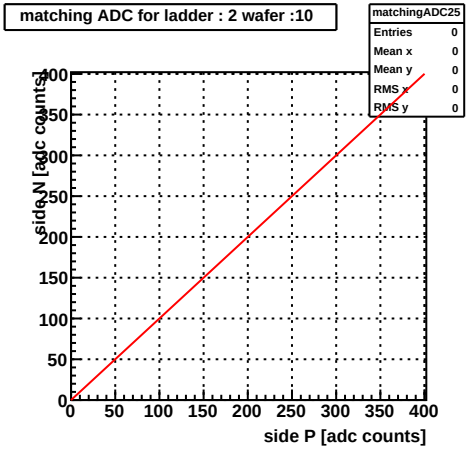

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

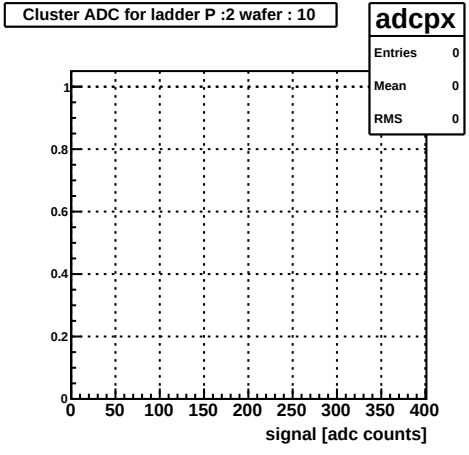

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

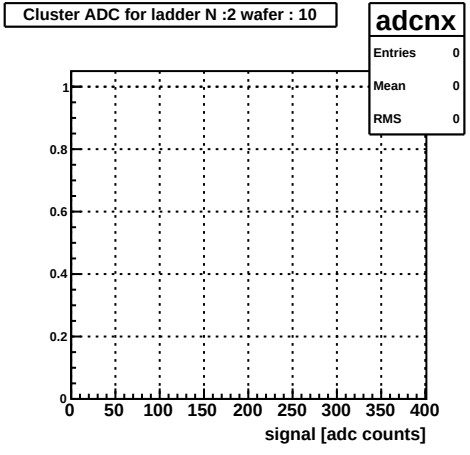

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

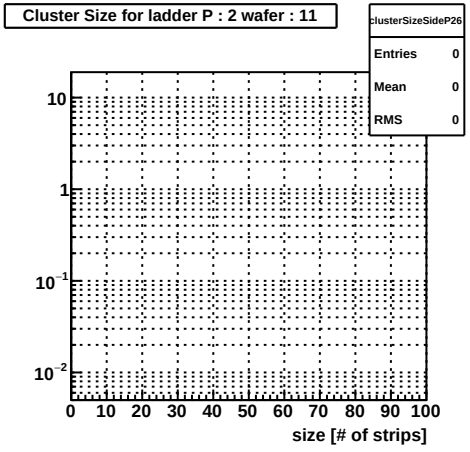

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

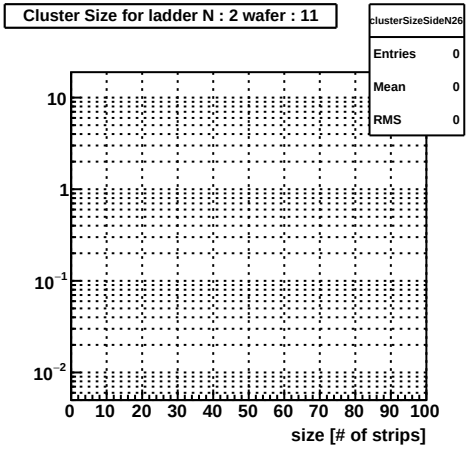

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

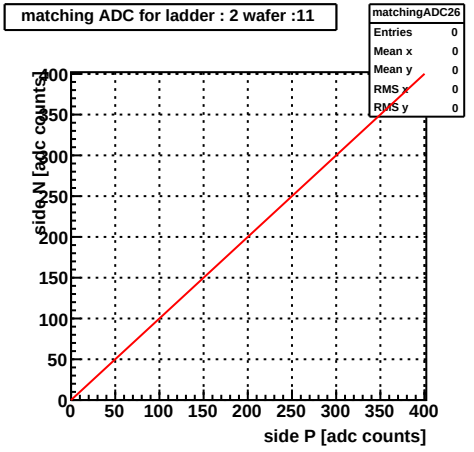

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

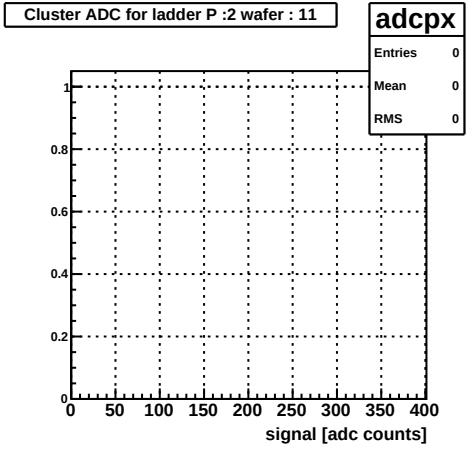

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

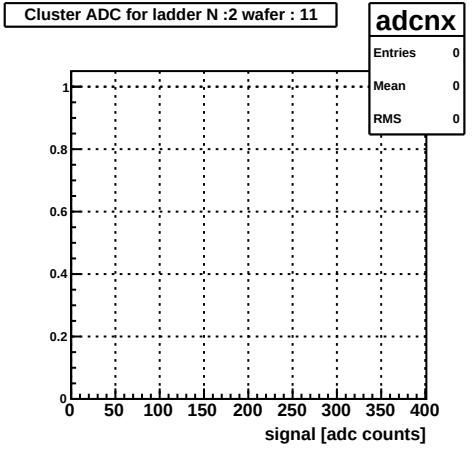

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

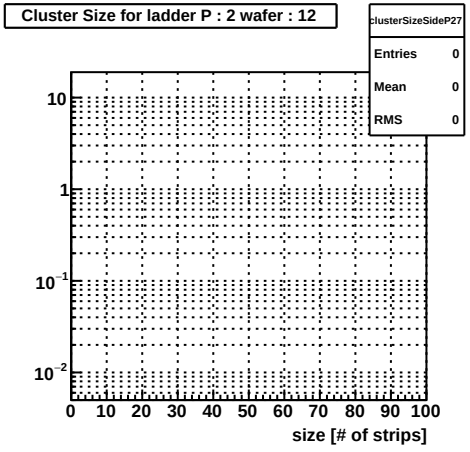

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

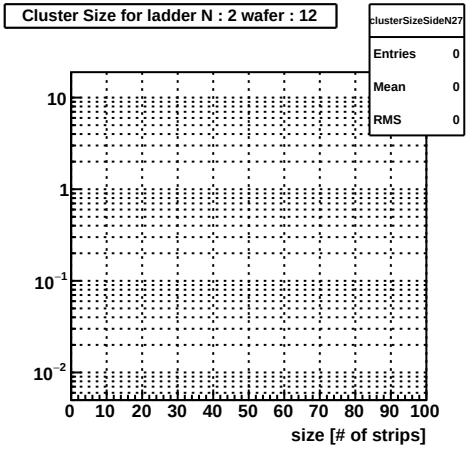

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

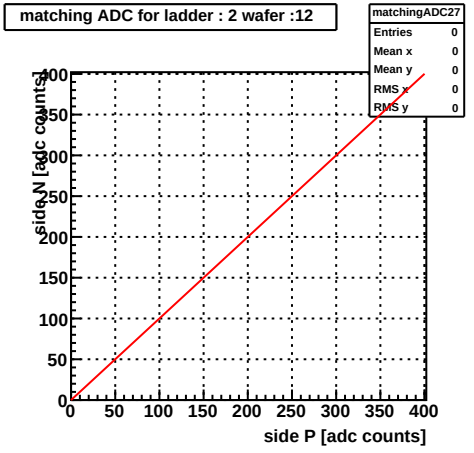

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

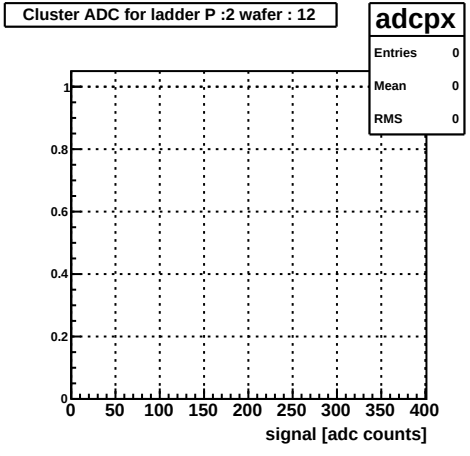

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

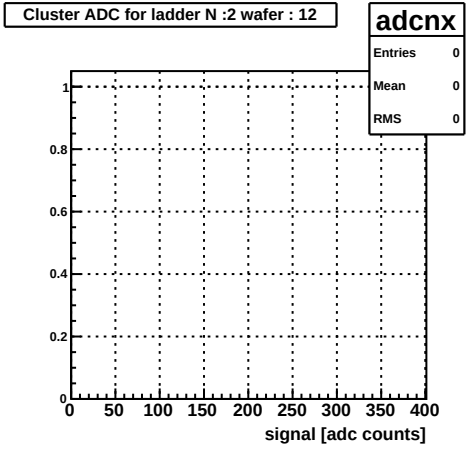

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

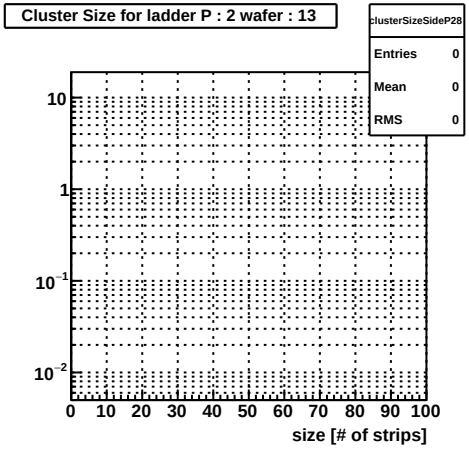

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

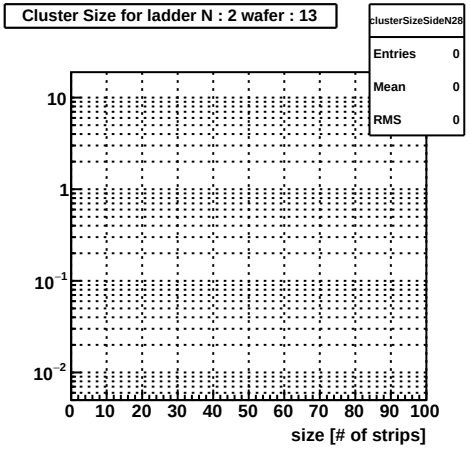

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

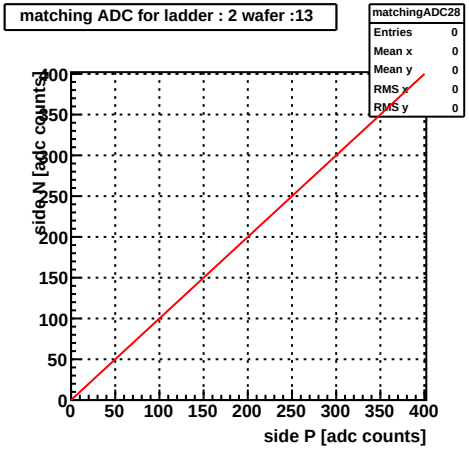

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

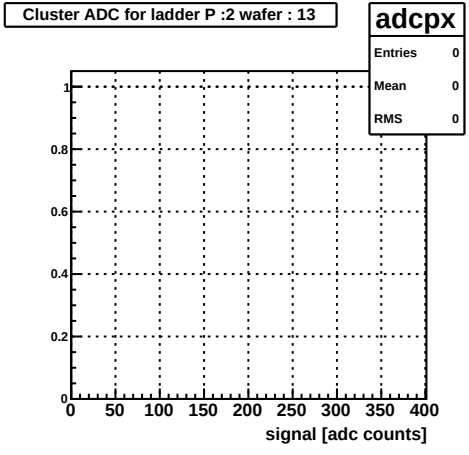

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

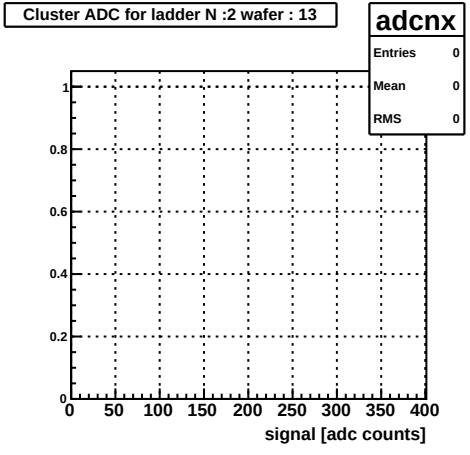

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

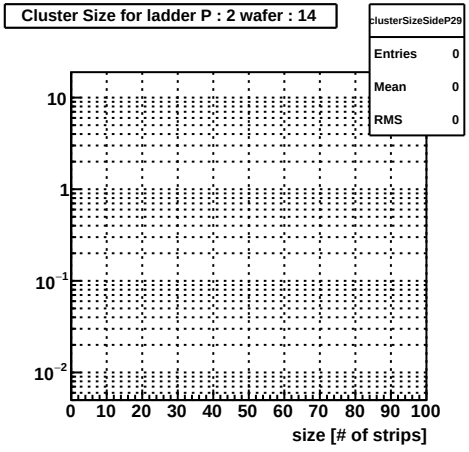

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

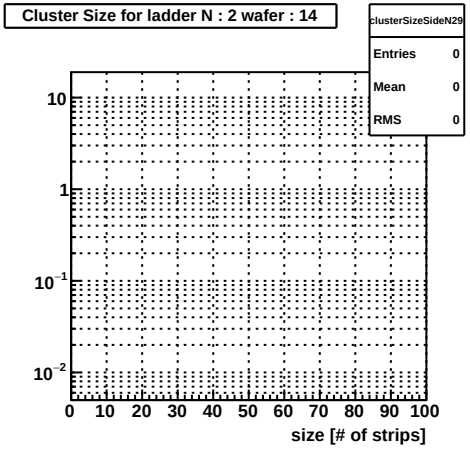

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

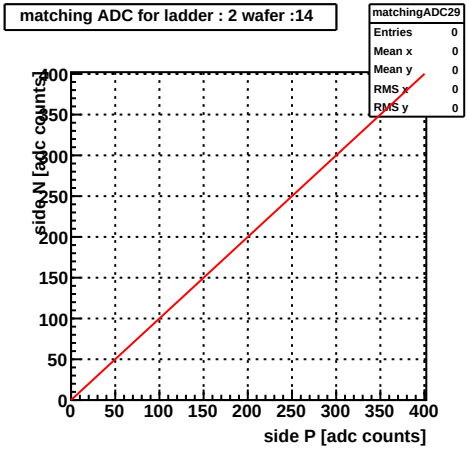

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

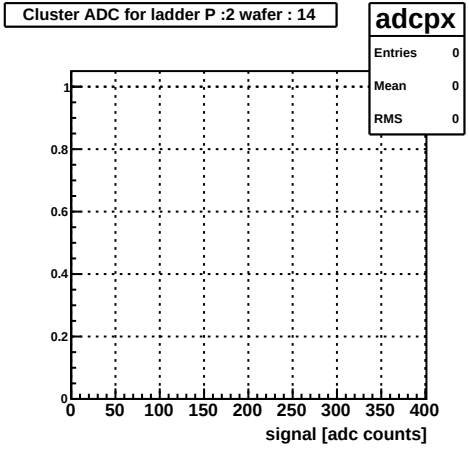

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

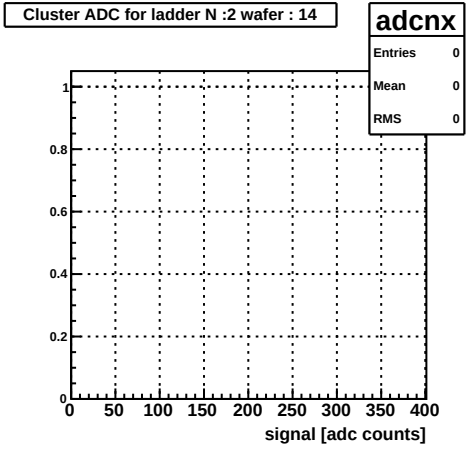

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

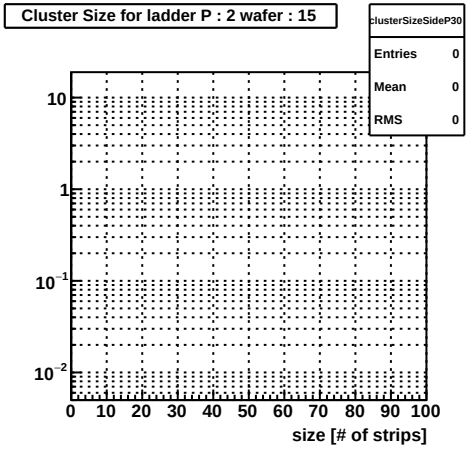

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

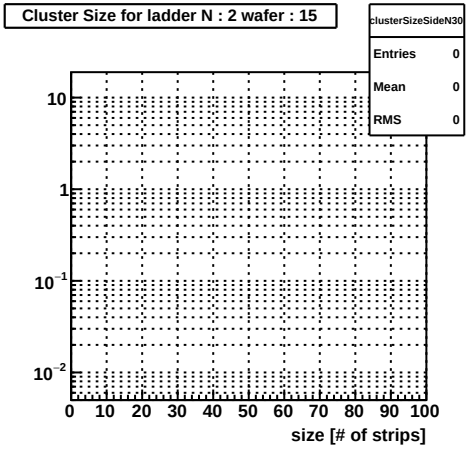

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

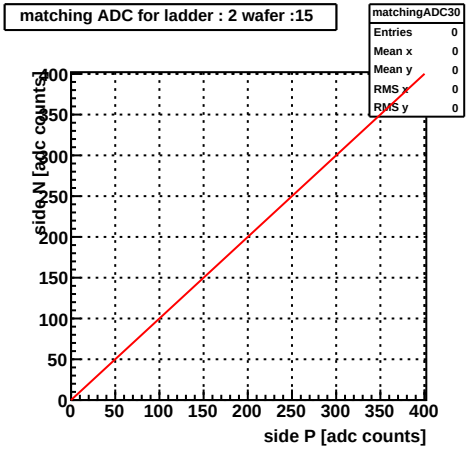

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

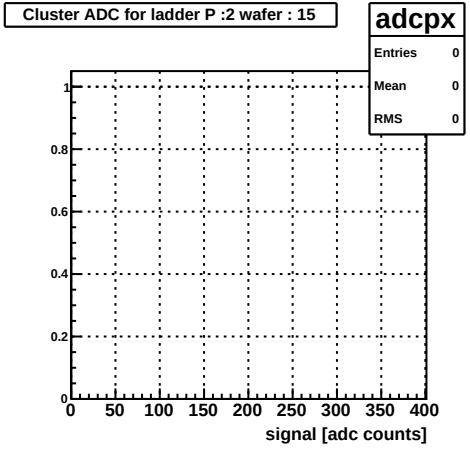

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

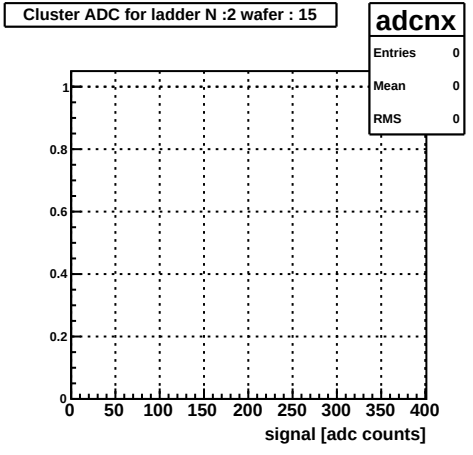

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

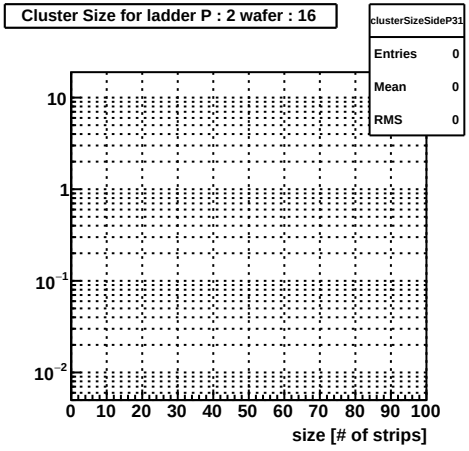

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

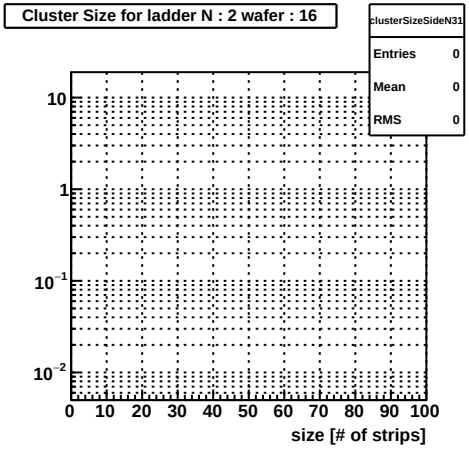

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

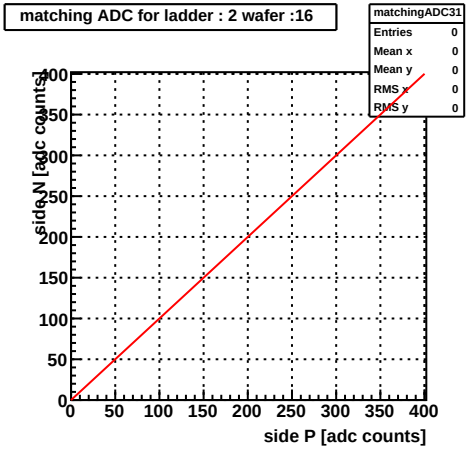

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

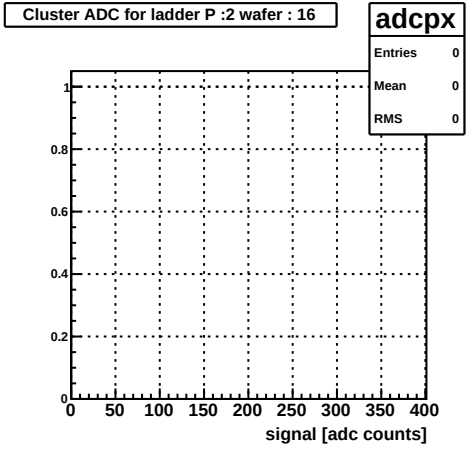

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

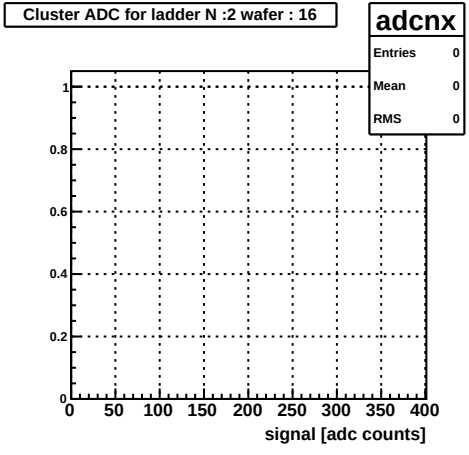

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

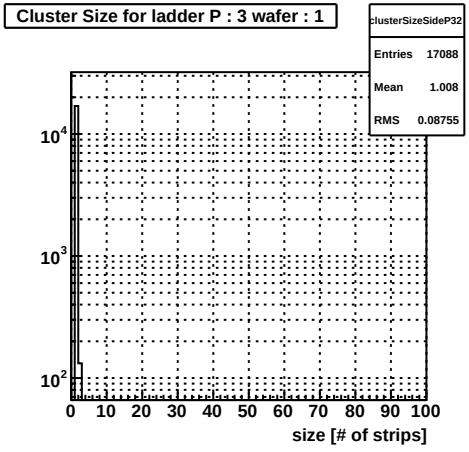

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

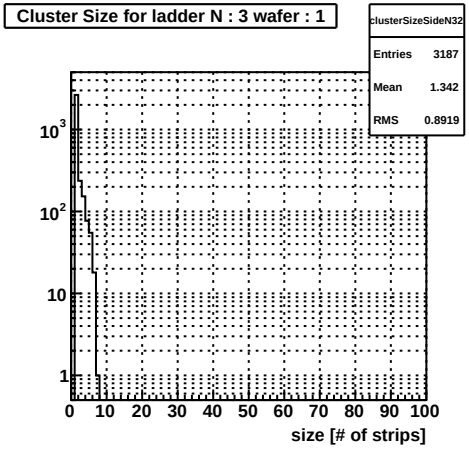

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

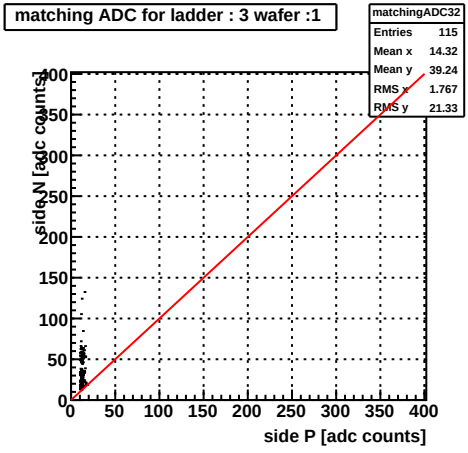

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

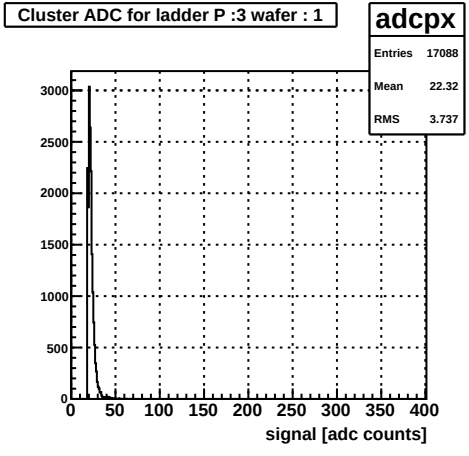

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

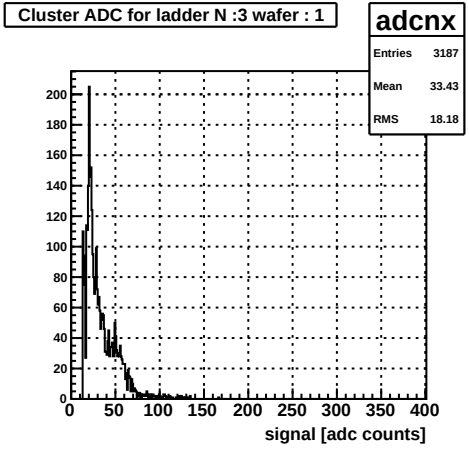

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

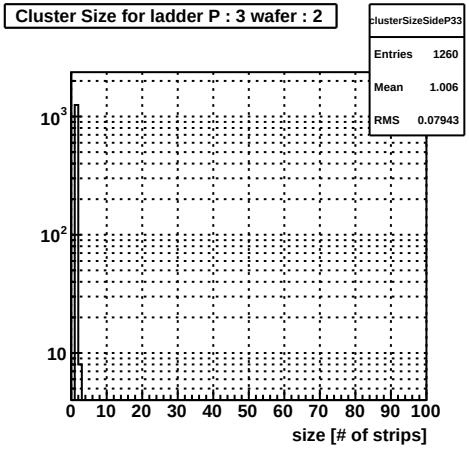

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 17088
Mean 1.008
RMS 0.08755
size [# of strips]

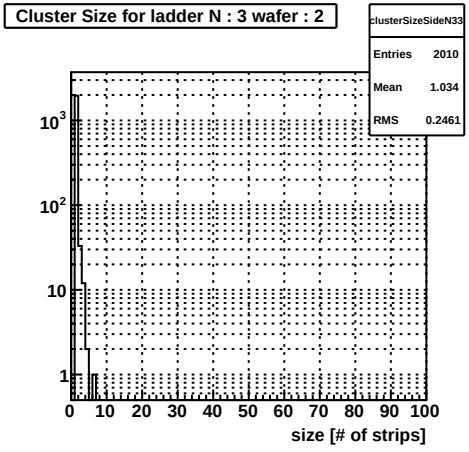

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3187
Mean 1.342
RMS 0.8919
size [# of strips]

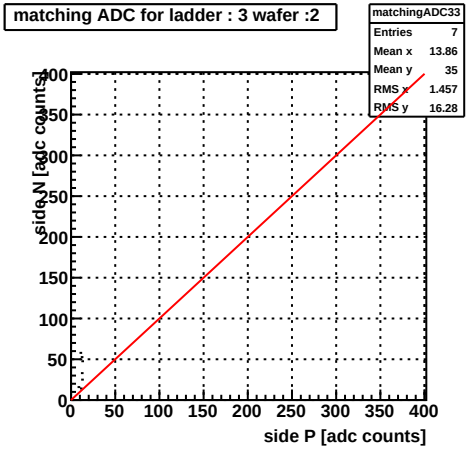

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 115
Mean x 14.32
Mean y 39.24
RMS x 1.767
RMS y 21.33
side N [adc counts]
side P [adc counts]

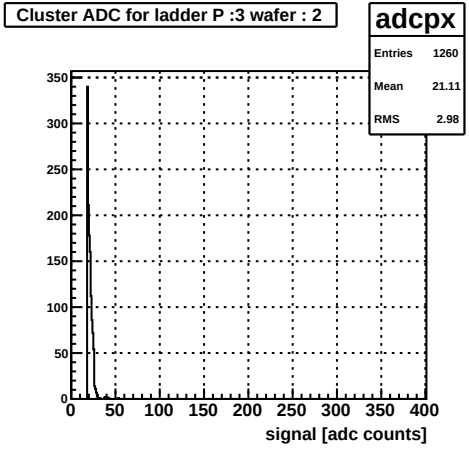

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 17088
Mean 22.32
RMS 3.737
signal [adc counts]

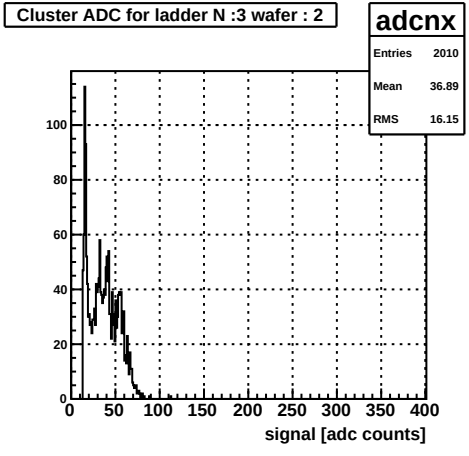

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3187
Mean 33.43
RMS 18.18
signal [adc counts]

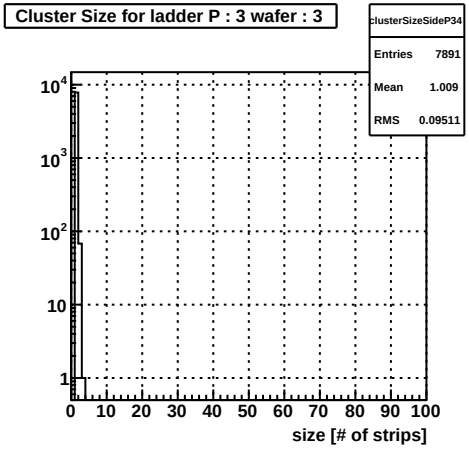

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1260
Mean 1.006
RMS 0.07943
size [# of strips]

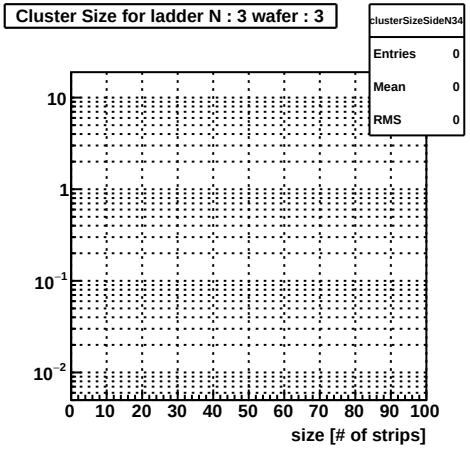

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2010
Mean 1.034
RMS 0.2461
size [# of strips]

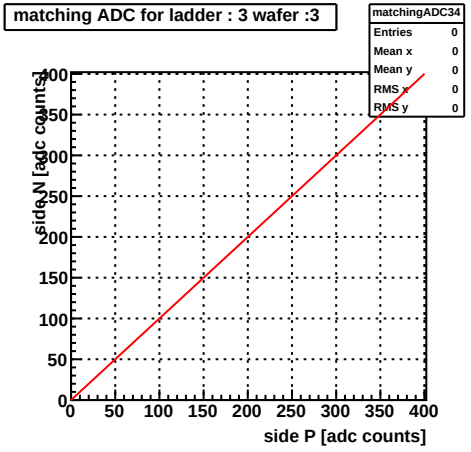

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 7
Mean x 13.86
Mean y 35
RMS x 1.457
RMS y 16.28
side N [adc counts]
side P [adc counts]

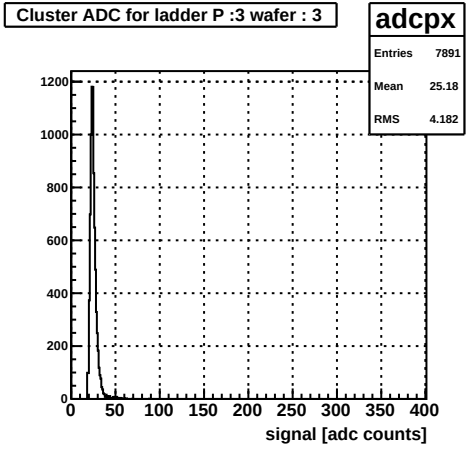

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1260
Mean 21.11
RMS 2.98
signal [adc counts]

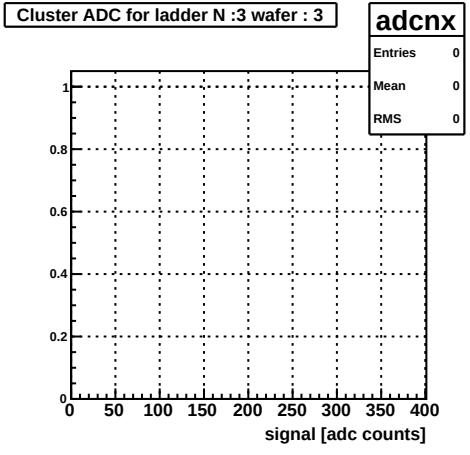

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2010
Mean 36.89
RMS 16.15
signal [adc counts]

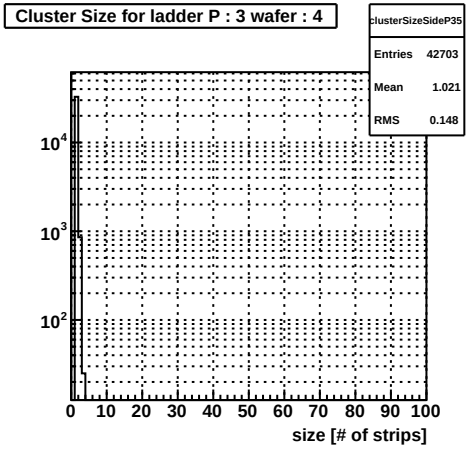

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 7891
Mean 1.009
RMS 0.09511
size [# of strips]

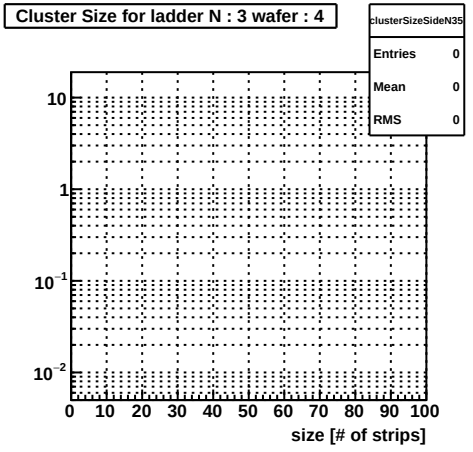

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

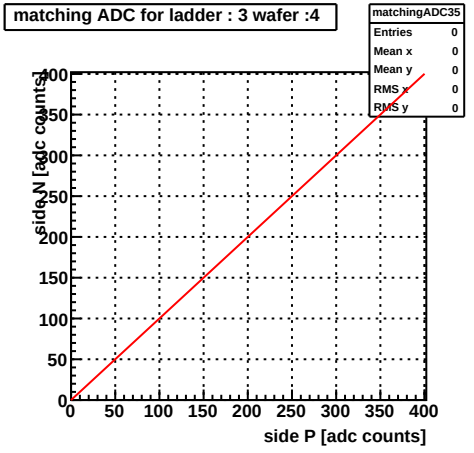

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

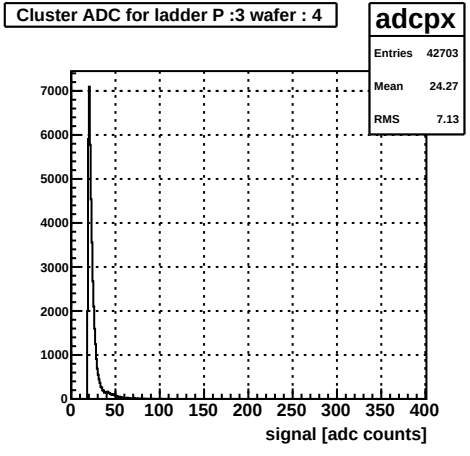

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 7891
Mean 25.18
RMS 4.182
signal [adc counts]

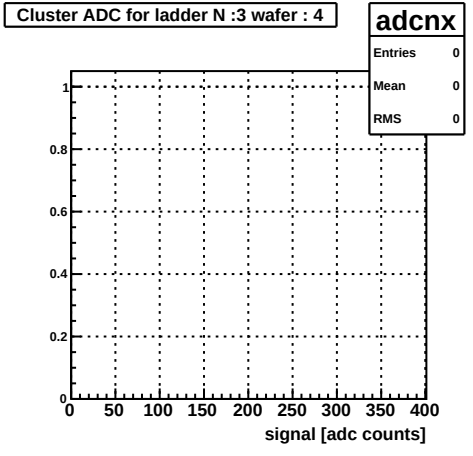

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

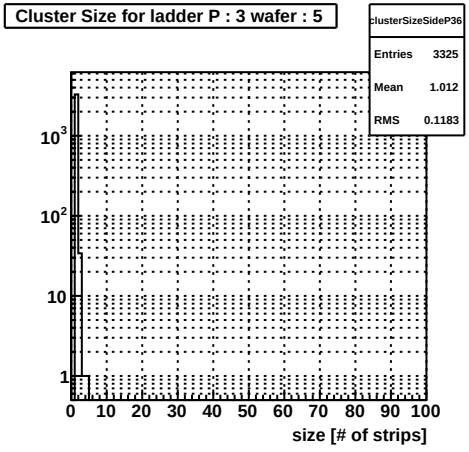

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 42703
Mean 1.021
RMS 0.148
size [# of strips]

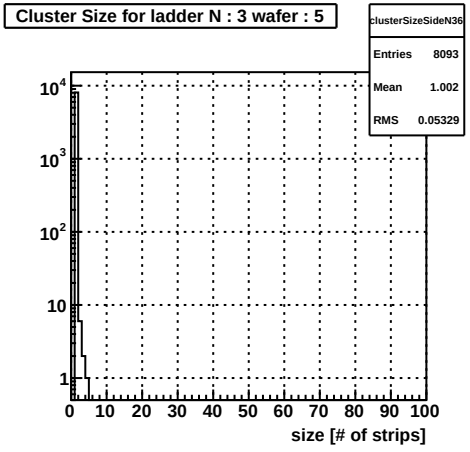

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

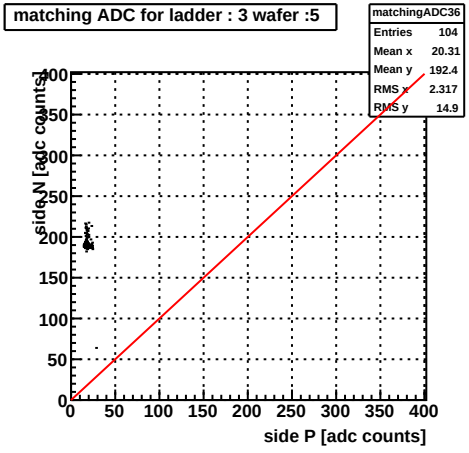

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

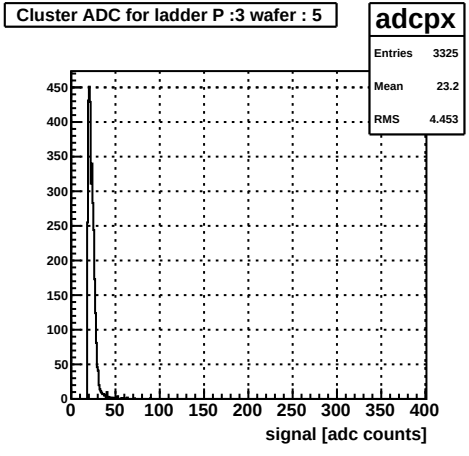

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 42703
Mean 24.27
RMS 7.13
signal [adc counts]

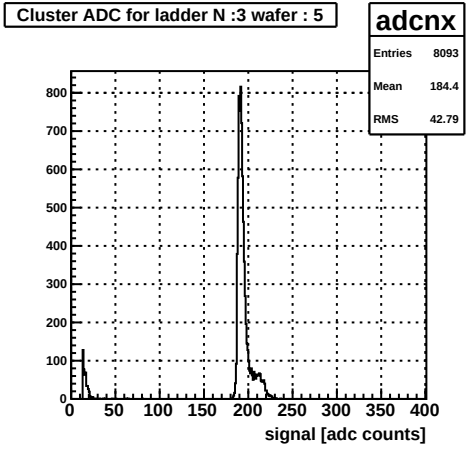

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

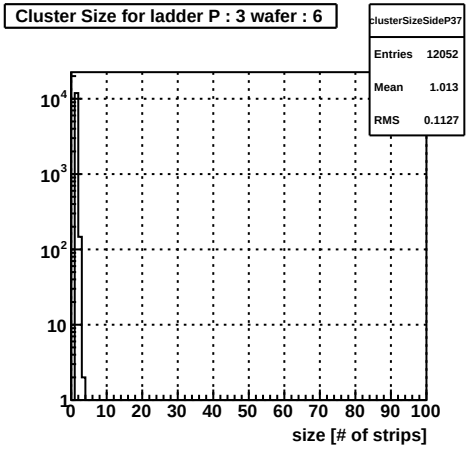

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3325
Mean 1.012
RMS 0.1183
size [# of strips]

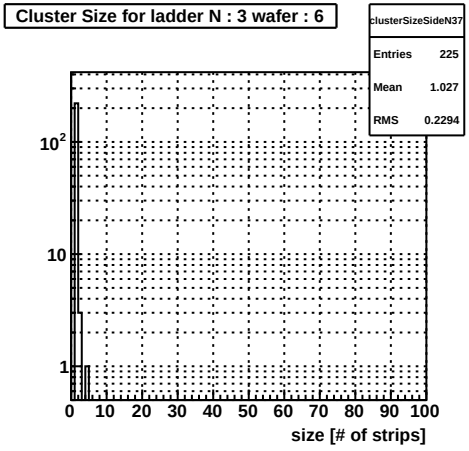

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 8093
Mean 1.002
RMS 0.05329
size [# of strips]

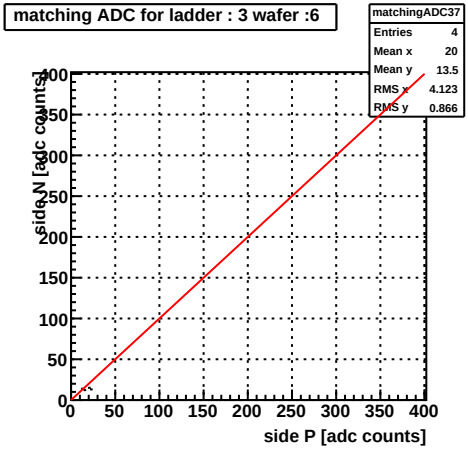

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 104
Mean x 20.31
Mean y 192.4
RMS x 2.317
RMS y 14.9
side N [adc counts]
side P [adc counts]

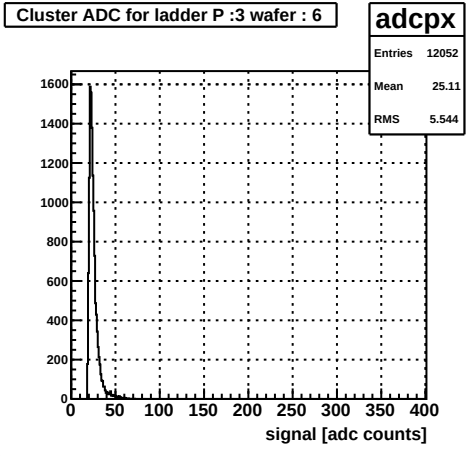

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3325
Mean 23.2
RMS 4.453
signal [adc counts]

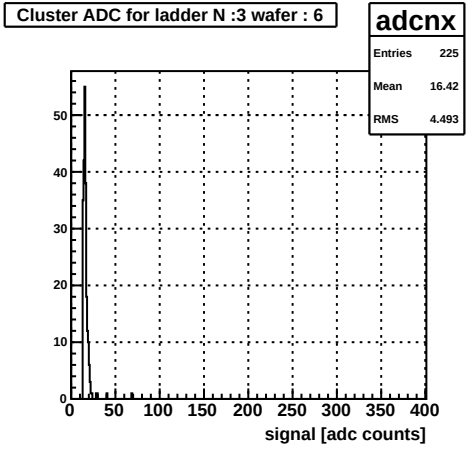

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 8093
Mean 184.4
RMS 42.79
signal [adc counts]

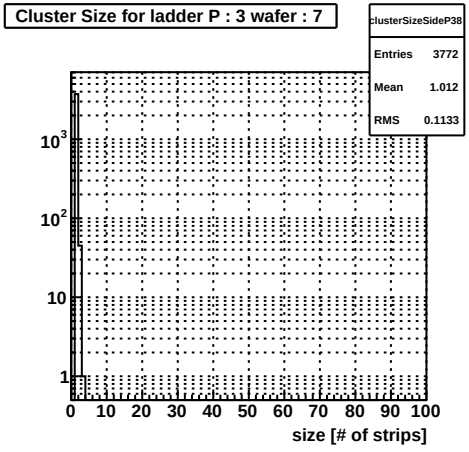

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 12052
Mean 1.013
RMS 0.1127
size [# of strips]

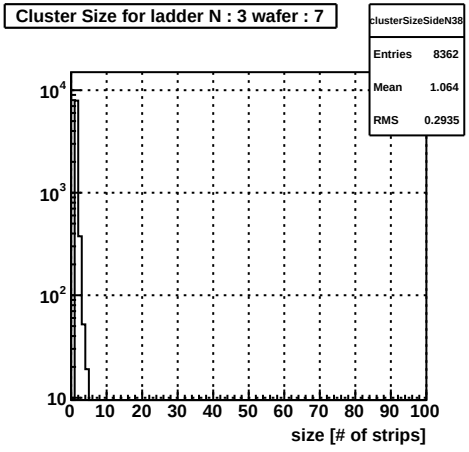

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 225
Mean 1.027
RMS 0.2294
size [# of strips]

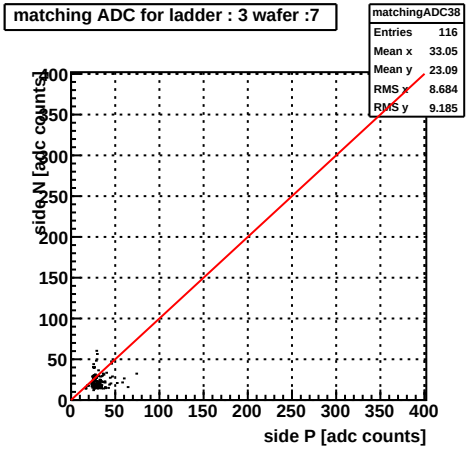

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4
Mean x 20
Mean y 13.5
RMS x 4.123
RMS y 0.866
side N [adc counts]
side P [adc counts]

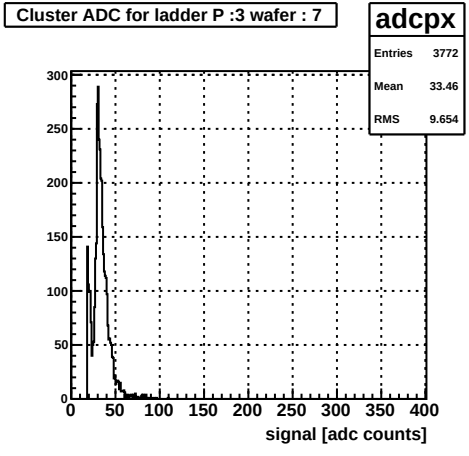

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 12052
Mean 25.11
RMS 5.544
signal [adc counts]

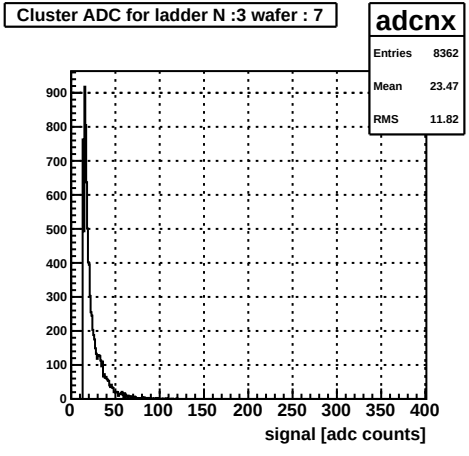

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 225
Mean 16.42
RMS 4.493
signal [adc counts]

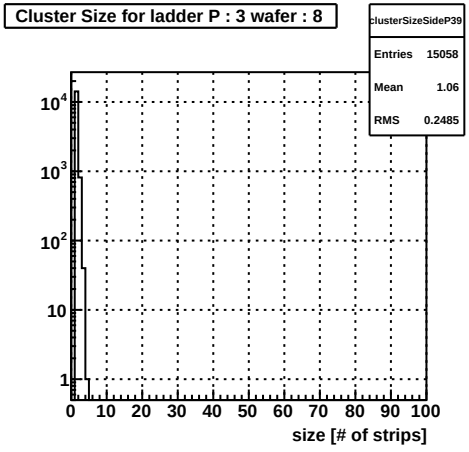

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3772
Mean 1.012
RMS 0.1133
size [# of strips]

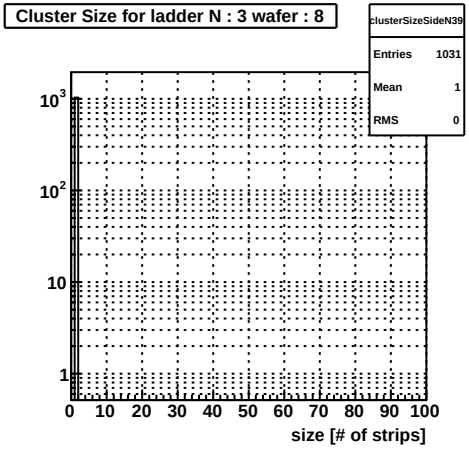

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8362
Mean 1.064
RMS 0.2935
size [# of strips]

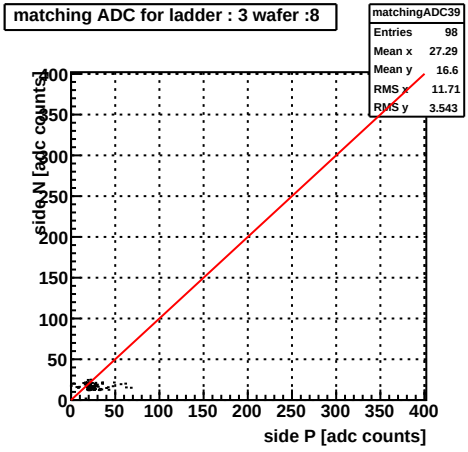

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 116
Mean x 33.05
Mean y 23.09
RMS x 8.684
RMS y 9.185
side N [adc counts]
side P [adc counts]

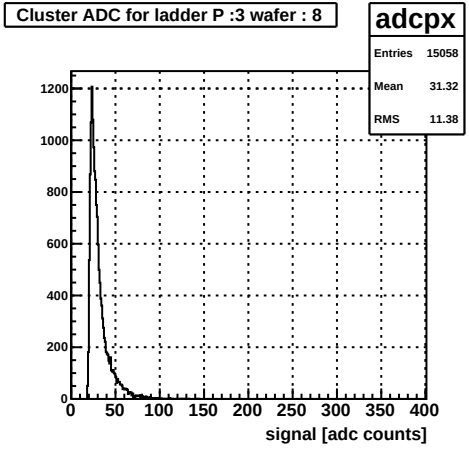

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3772
Mean 33.46
RMS 9.654
signal [adc counts]

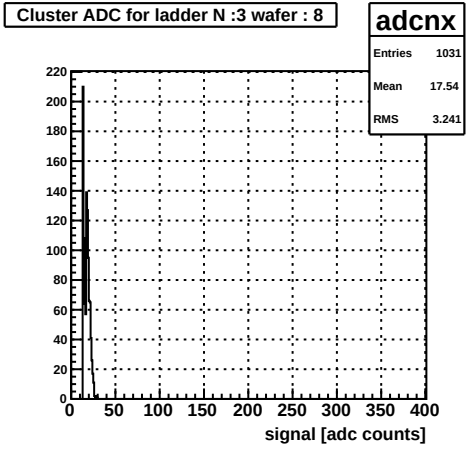

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8362
Mean 23.47
RMS 11.82
signal [adc counts]

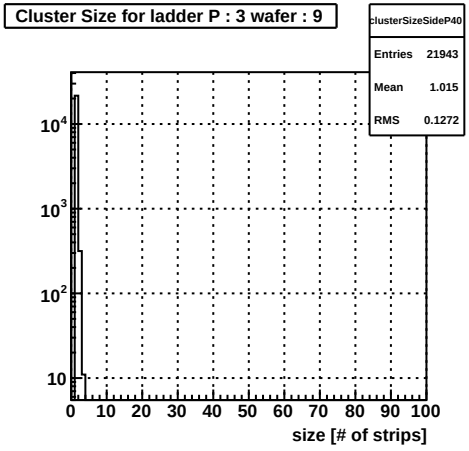

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 15058
Mean 1.06
RMS 0.2485
size [# of strips]

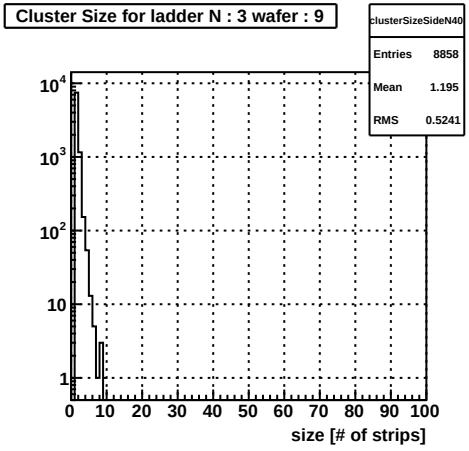

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1031
Mean 1
RMS 0
size [# of strips]

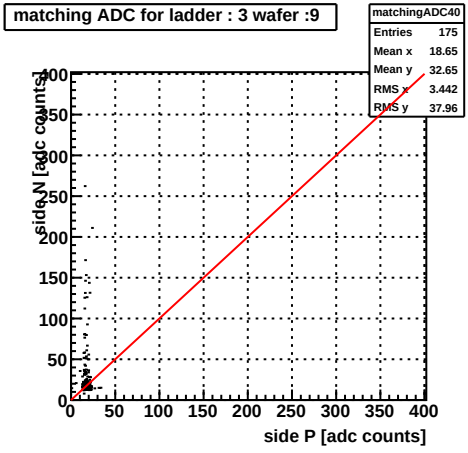

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 98
Mean x 27.29
Mean y 16.6
RMS x 11.71
RMS y 3.543
side N [adc counts]
side P [adc counts]

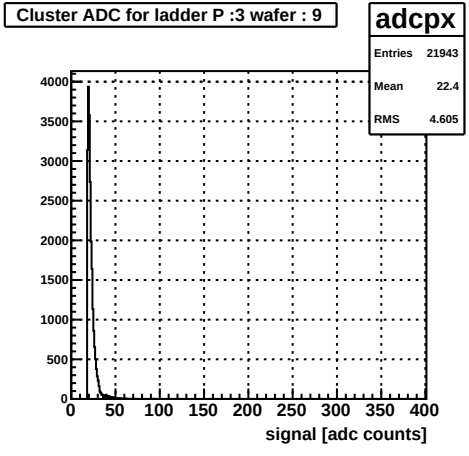

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 15058
Mean 31.32
RMS 11.38
signal [adc counts]

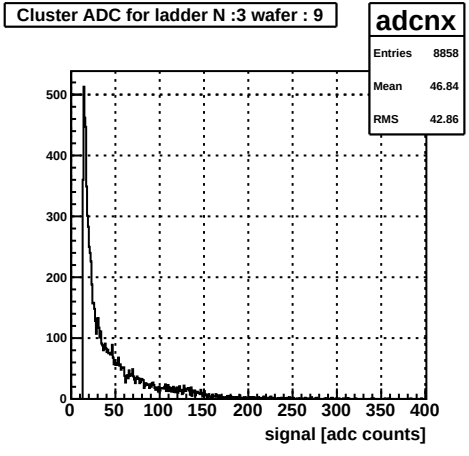

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1031
Mean 17.54
RMS 3.241
signal [adc counts]

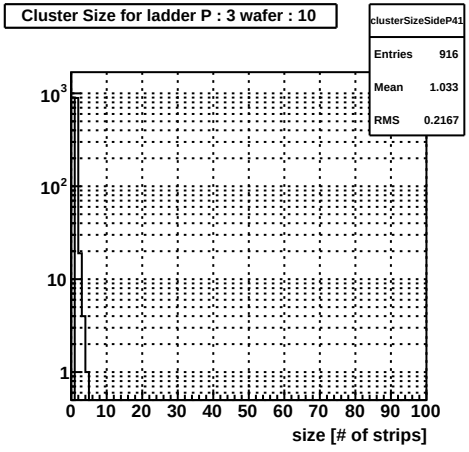

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 21943
Mean 1.015
RMS 0.1272
size [# of strips]

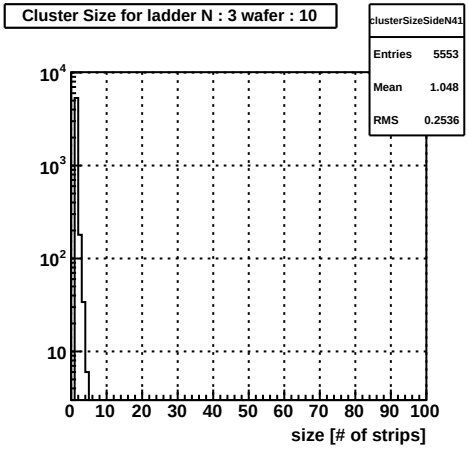

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8858
Mean 1.195
RMS 0.5241
size [# of strips]

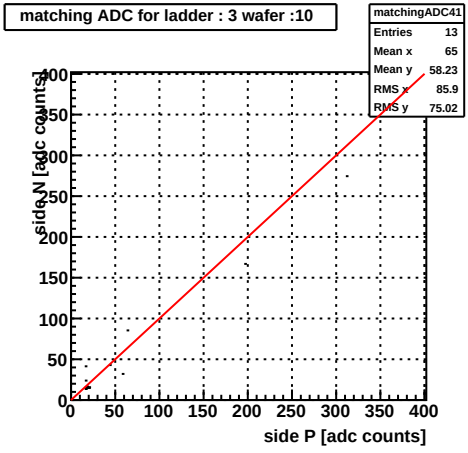

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 175
Mean x 18.65
Mean y 32.65
RMS x 3.442
RMS y 37.96
side N [adc counts]
side P [adc counts]

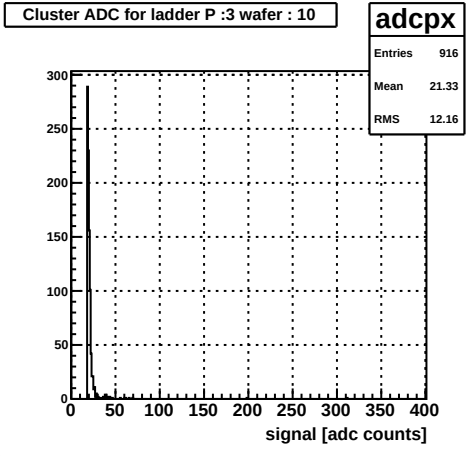

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 21943
Mean 22.4
RMS 4.605
signal [adc counts]

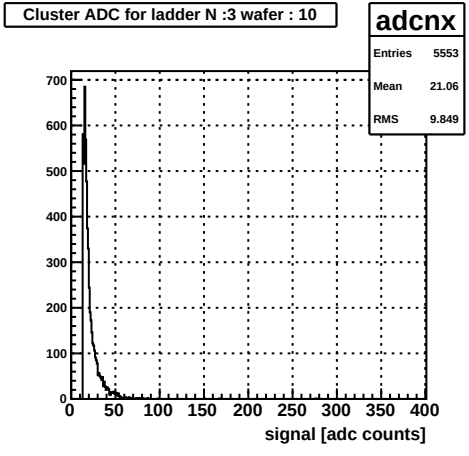

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8858
Mean 46.84
RMS 42.86
signal [adc counts]

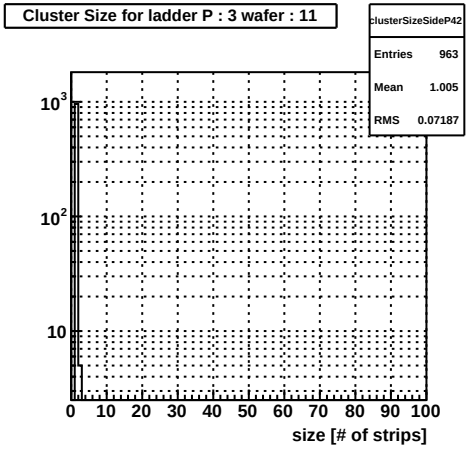

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 916
Mean 1.033
RMS 0.2167
size [# of strips]

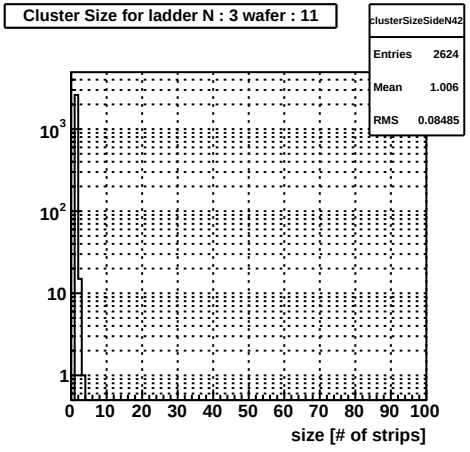

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5553
Mean 1.048
RMS 0.2536
size [# of strips]

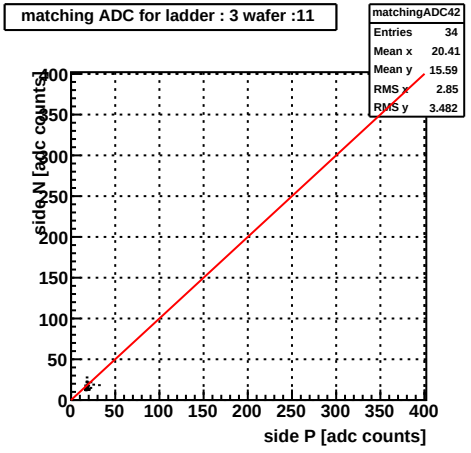

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 13
Mean x 65
Mean y 58.23
RMS x 85.9
RMS y 75.02
side N [adc counts]
side P [adc counts]

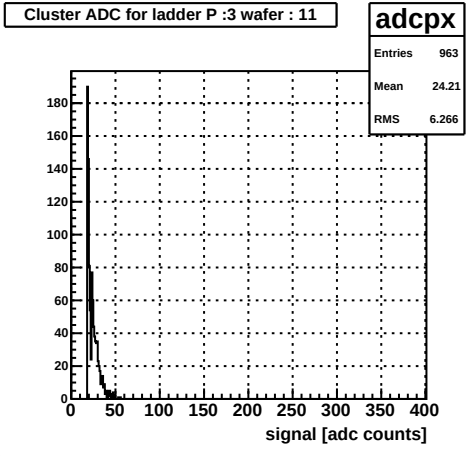

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 916
Mean 21.33
RMS 12.16
signal [adc counts]

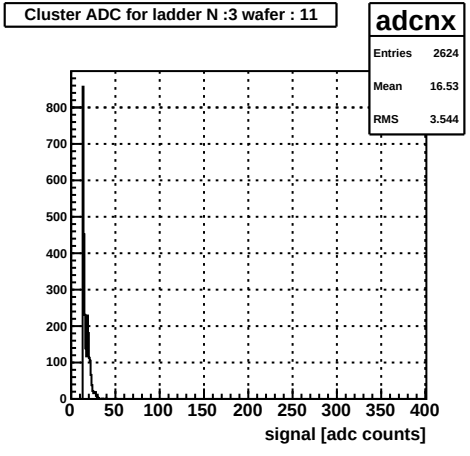

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5553
Mean 21.06
RMS 9.849
signal [adc counts]

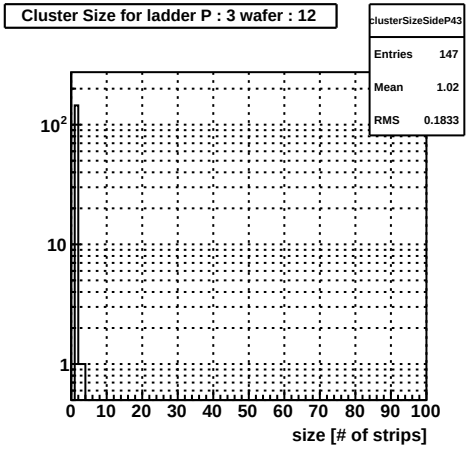

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 963
Mean 1.005
RMS 0.07187
size [# of strips]

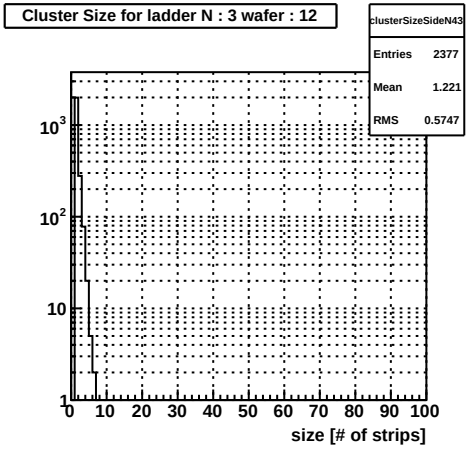

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2624
Mean 1.006
RMS 0.08485
size [# of strips]

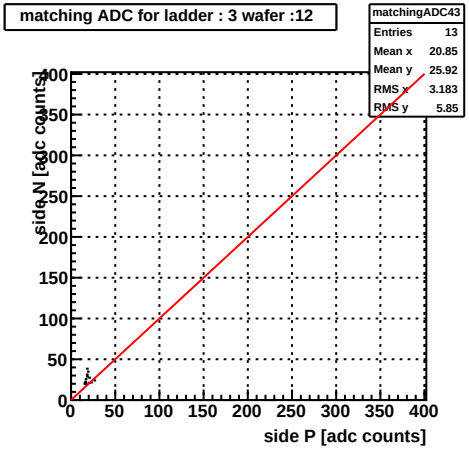

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 34
Mean x 20.41
Mean y 15.59
RMS x 2.85
RMS y 3.482
side N [adc counts]
side P [adc counts]

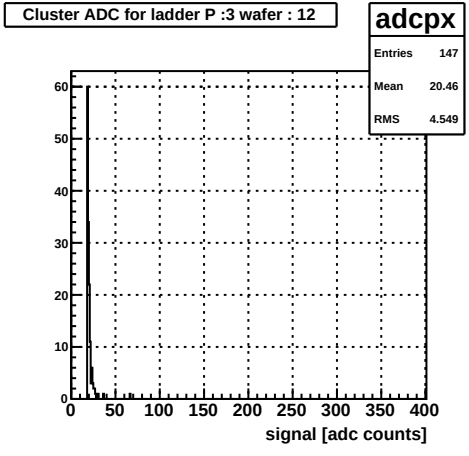

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 963
Mean 24.21
RMS 6.266
signal [adc counts]

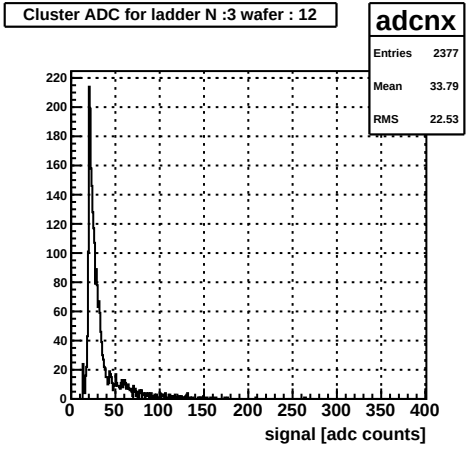

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2624
Mean 16.53
RMS 3.544
signal [adc counts]

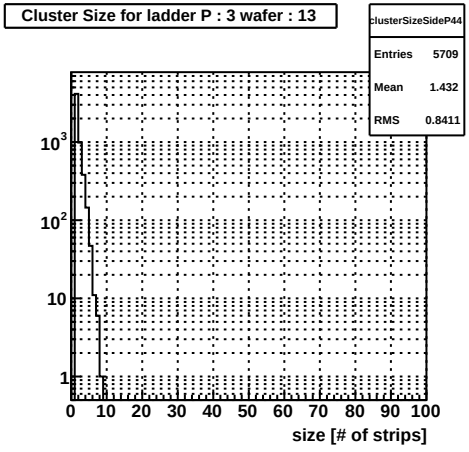

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 147
Mean 1.02
RMS 0.1833
size [# of strips]

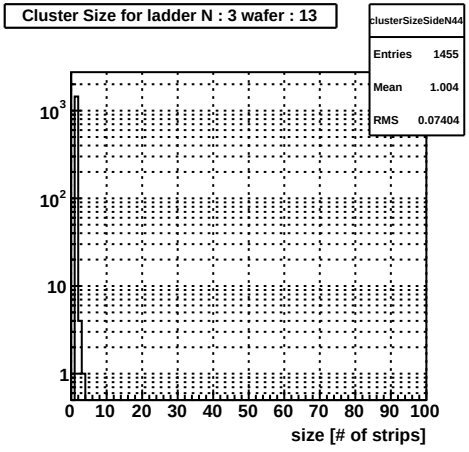

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2377
Mean 1.221
RMS 0.5747
size [# of strips]

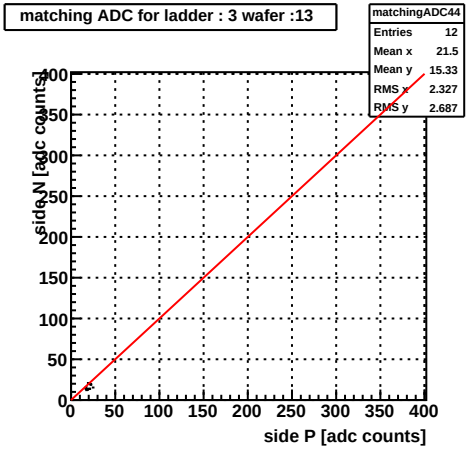

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 13
Mean x 20.85
Mean y 25.92
RMS x 3.183
RMS y 5.85
side N [adc counts]
side P [adc counts]

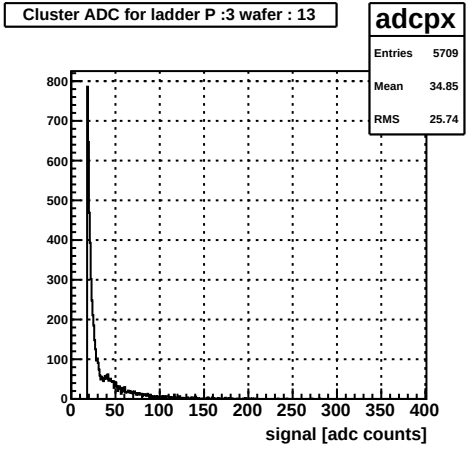

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 147
Mean 20.46
RMS 4.549
signal [adc counts]

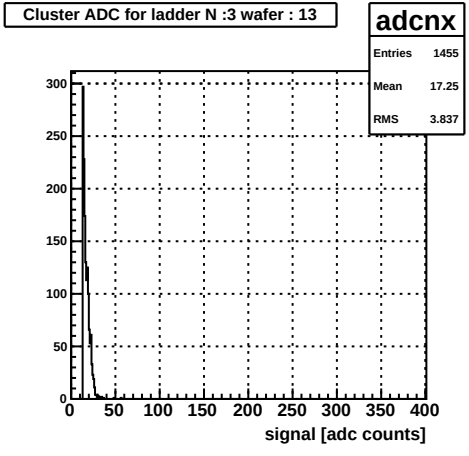

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2377
Mean 33.79
RMS 22.53
signal [adc counts]

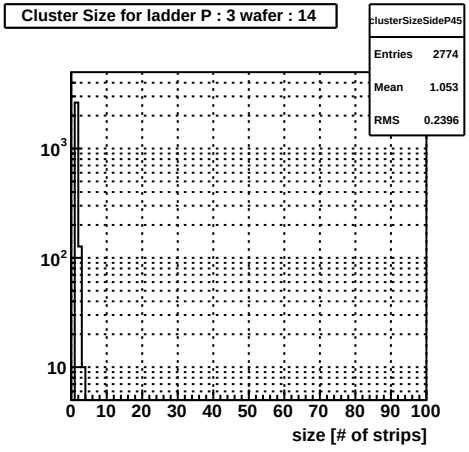

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 5709
Mean 1.432
RMS 0.8411
size [# of strips]

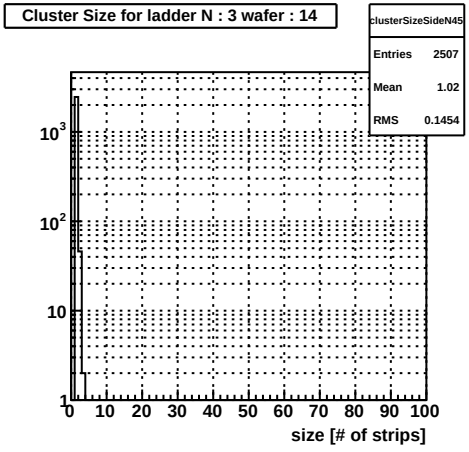

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1455
Mean 1.004
RMS 0.07404
size [# of strips]

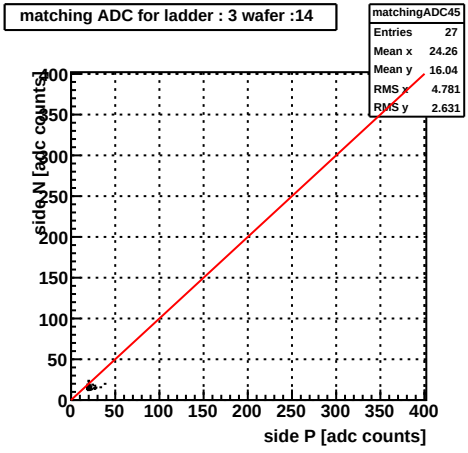

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 12
Mean x 21.5
Mean y 15.33
RMS x 2.327
RMS y 2.687
side N [adc counts]
side P [adc counts]

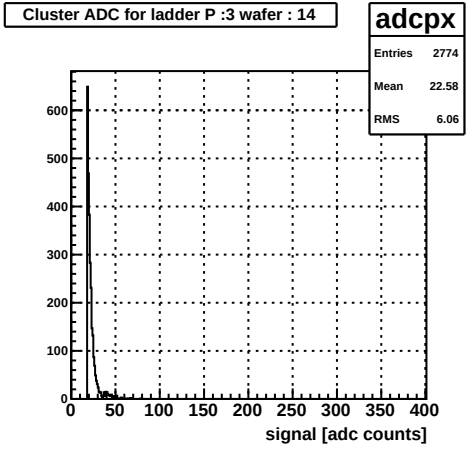

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 5709
Mean 34.85
RMS 25.74
signal [adc counts]

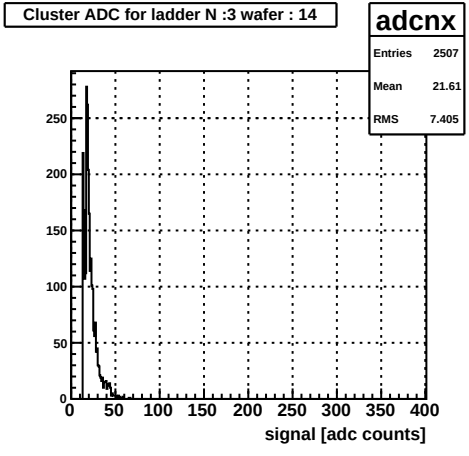

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1455
Mean 17.25
RMS 3.837
signal [adc counts]

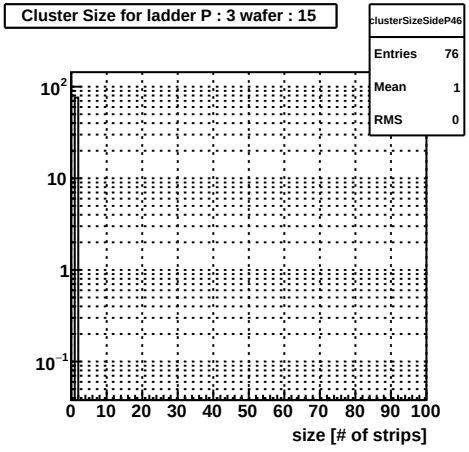

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2774
Mean 1.053
RMS 0.2396
size [# of strips]

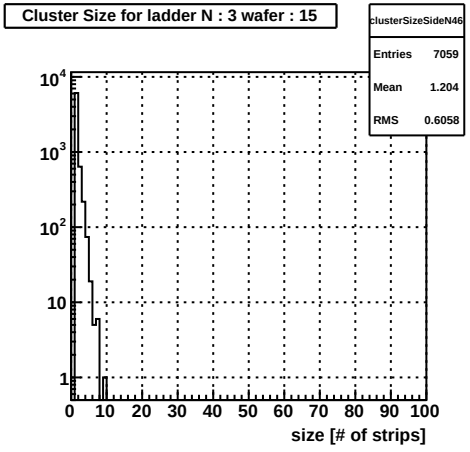

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2507
Mean 1.02
RMS 0.1454
size [# of strips]

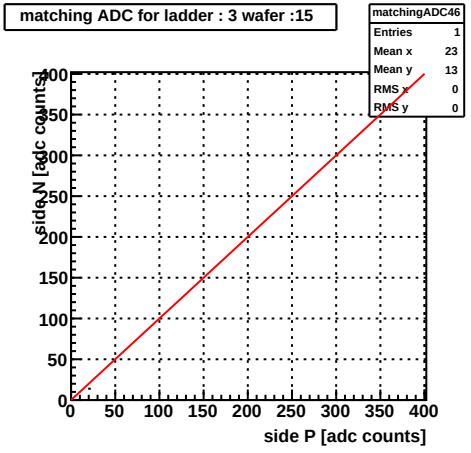

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 27
Mean x 24.26
Mean y 16.04
RMS x 4.781
RMS y 2.631
side N [adc counts]
side P [adc counts]

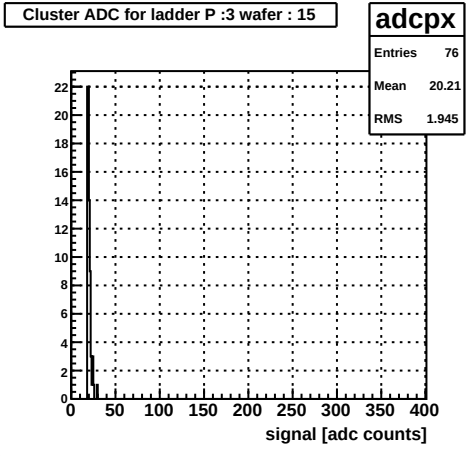

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2774
Mean 22.58
RMS 6.06
signal [adc counts]

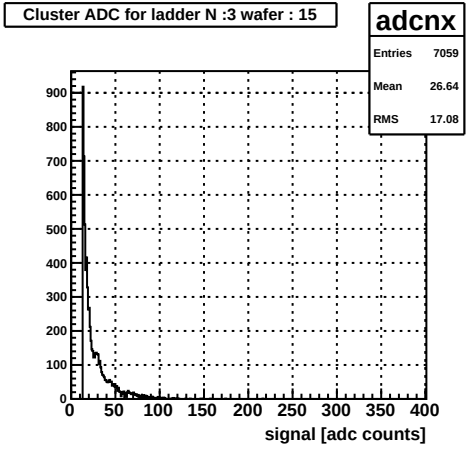

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2507
Mean 21.61
RMS 7.405
signal [adc counts]

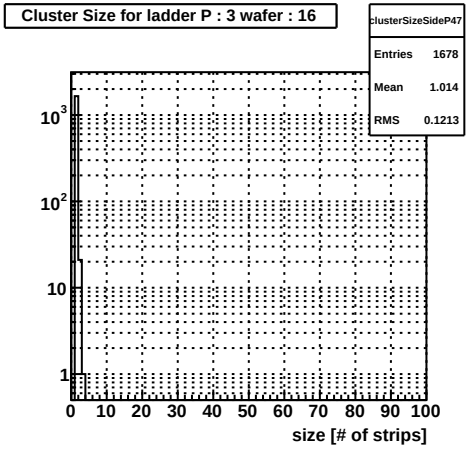

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 76
Mean 1
RMS 0
size [# of strips]

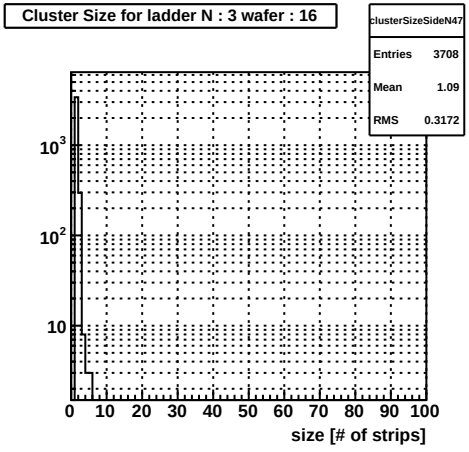

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 7059
Mean 1.204
RMS 0.6058
size [# of strips]

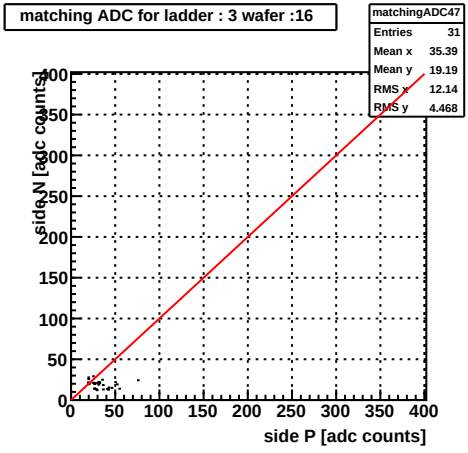

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 1
Mean x 23
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

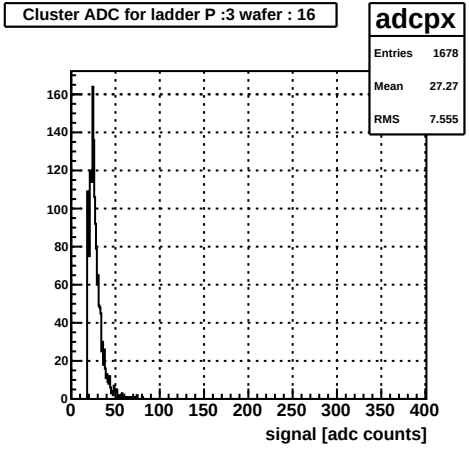

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 76
Mean 20.21
RMS 1.945
signal [adc counts]

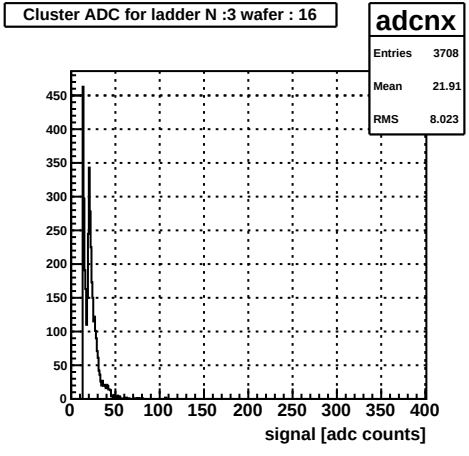

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 7059
Mean 26.64
RMS 17.08
signal [adc counts]

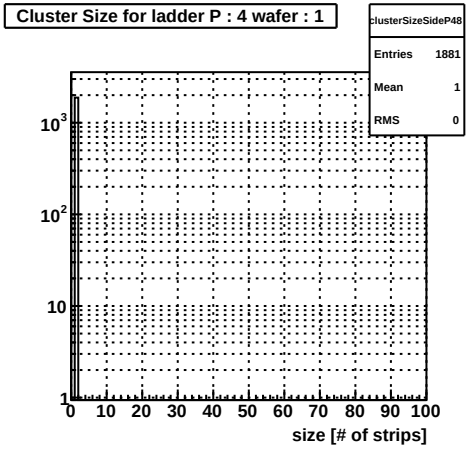

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1678
Mean 1.014
RMS 0.1213
size [# of strips]

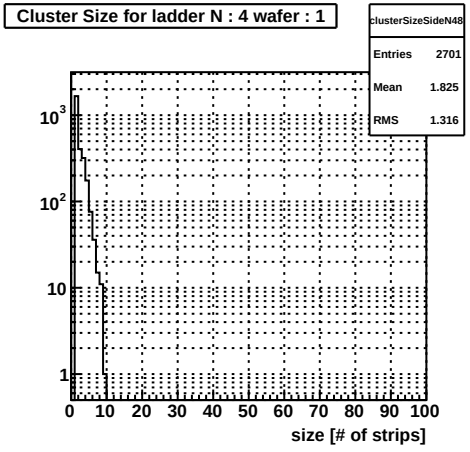

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3708
Mean 1.09
RMS 0.3172
size [# of strips]

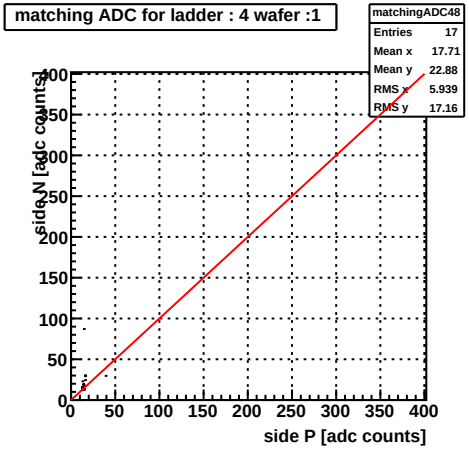

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 31
Mean x 35.39
Mean y 19.19
RMS x 12.14
RMS y 4.468
side N [adc counts]
side P [adc counts]

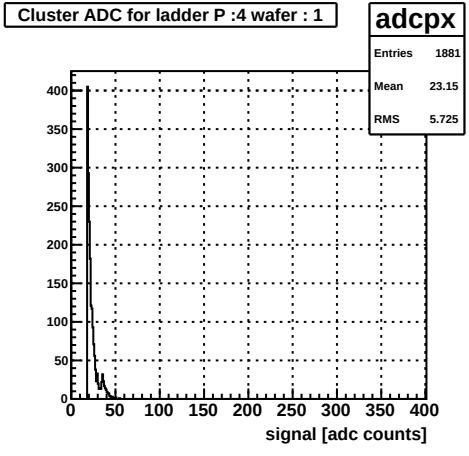

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1678
Mean 27.27
RMS 7.555
signal [adc counts]

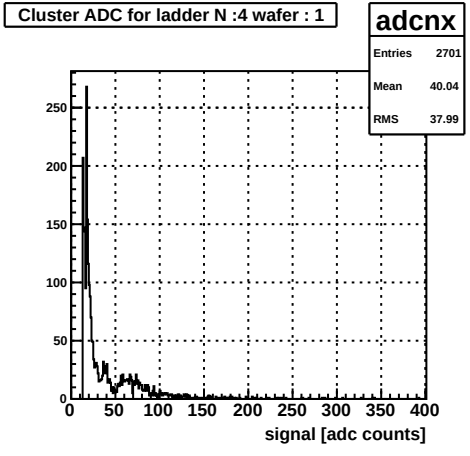

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3708
Mean 21.91
RMS 8.023
signal [adc counts]

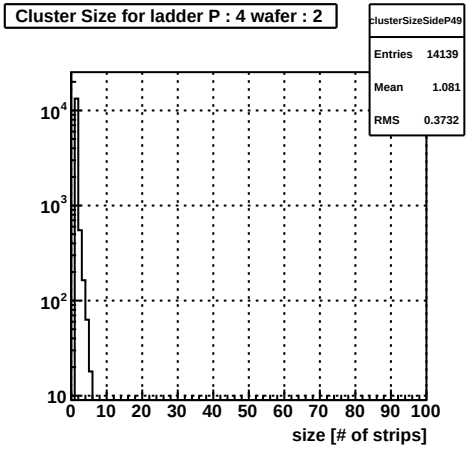

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1881
Mean 1
RMS 0
size [# of strips]

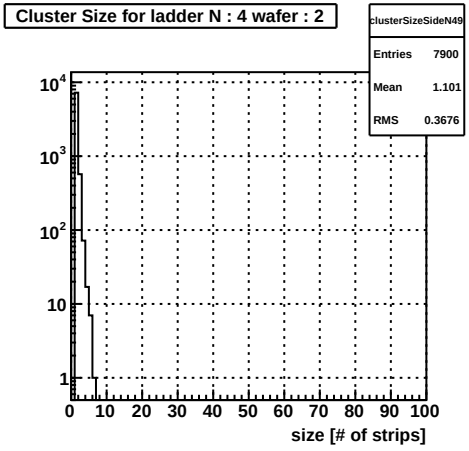

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2701
Mean 1.825
RMS 1.316
size [# of strips]

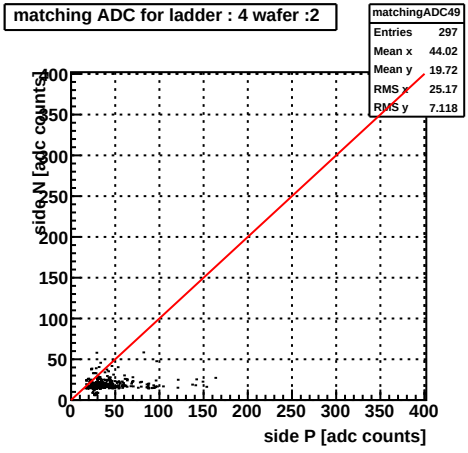

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 17
Mean x 17.71
Mean y 22.88
RMS x 5.939
RMS y 17.16
side N [adc counts]
side P [adc counts]

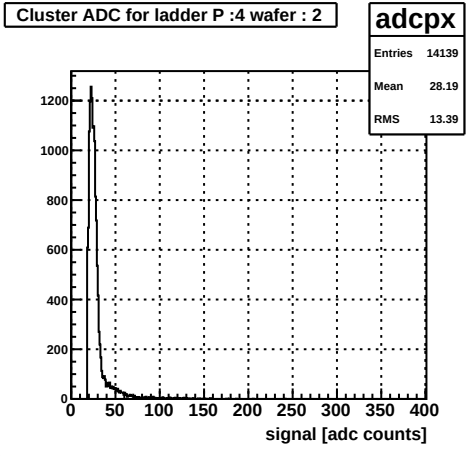

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1881
Mean 23.15
RMS 5.725
signal [adc counts]

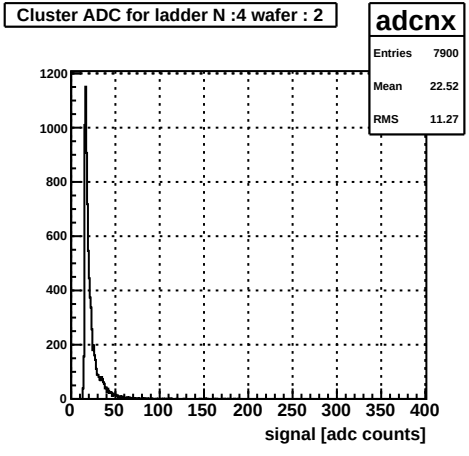

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2701
Mean 40.04
RMS 37.99
signal [adc counts]

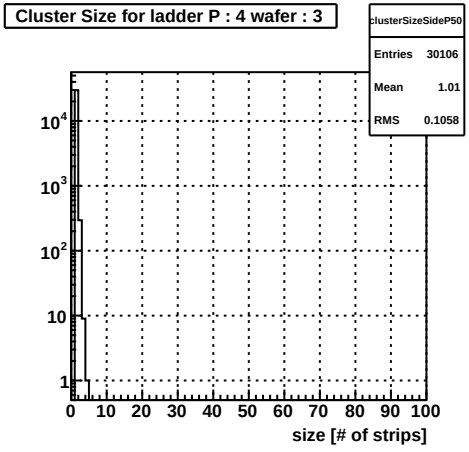

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 14139
Mean 1.081
RMS 0.3732
size [# of strips]

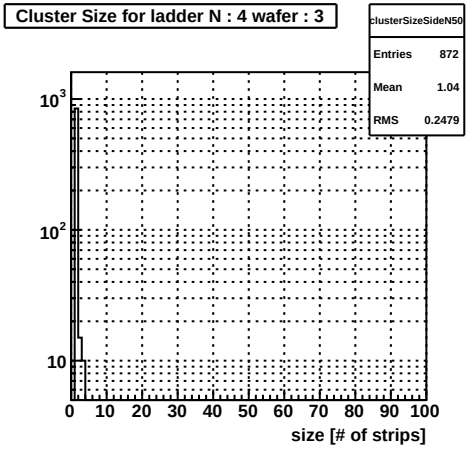

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 7900
Mean 1.101
RMS 0.3676
size [# of strips]

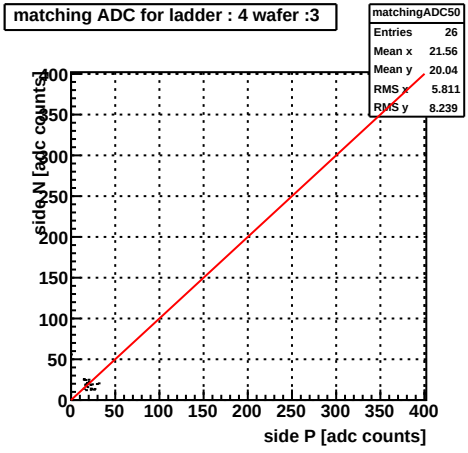

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 297
Mean x 44.02
Mean y 19.72
RMS x 25.17
RMS y 7.118
side N [adc counts]
side P [adc counts]

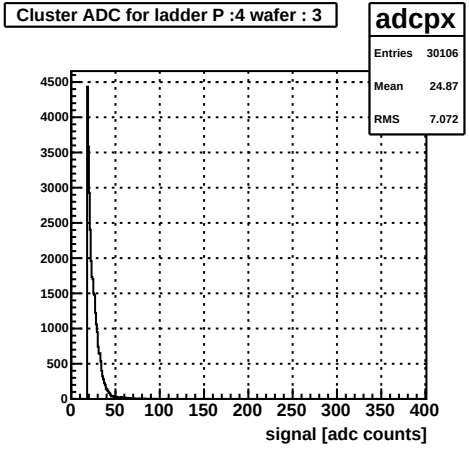

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 14139
Mean 28.19
RMS 13.39
signal [adc counts]

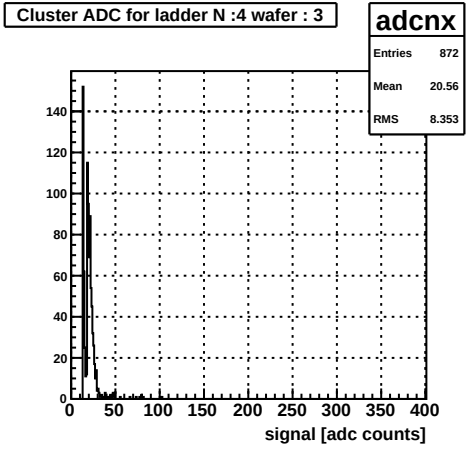

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 7900
Mean 22.52
RMS 11.27
signal [adc counts]

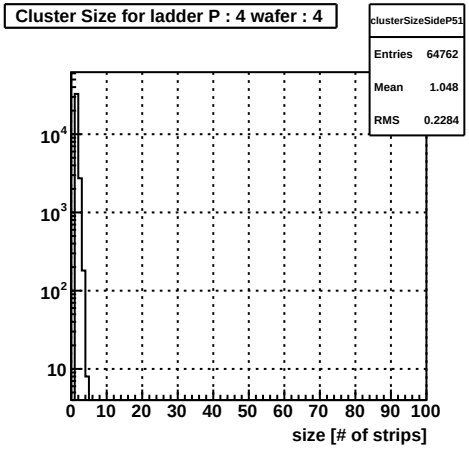

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 30106
Mean 1.01
RMS 0.1058
size [# of strips]

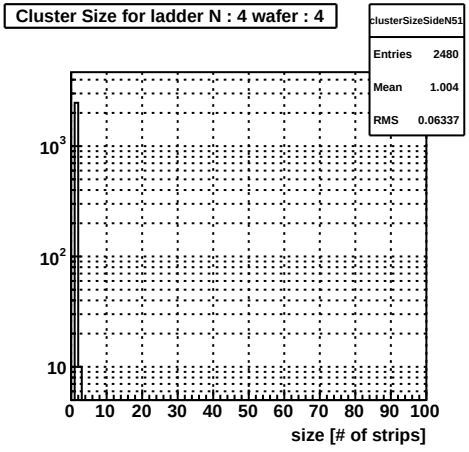

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 872
Mean 1.04
RMS 0.2479
size [# of strips]

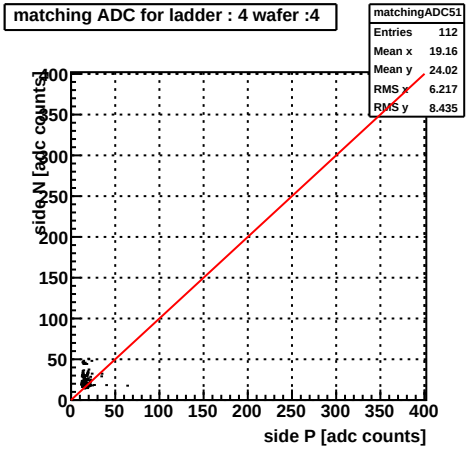

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 26
Mean x 21.56
Mean y 20.04
RMS x 5.811
RMS y 8.239
side N [adc counts]
side P [adc counts]

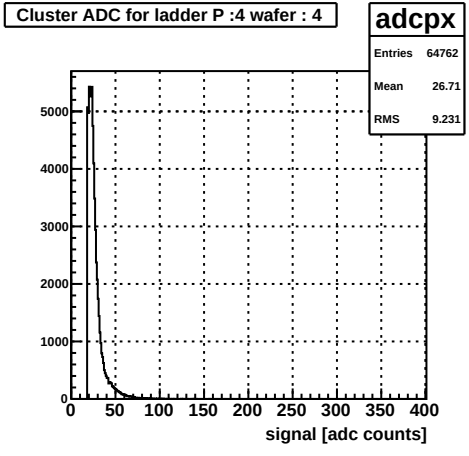

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 30106
Mean 24.87
RMS 7.072
signal [adc counts]

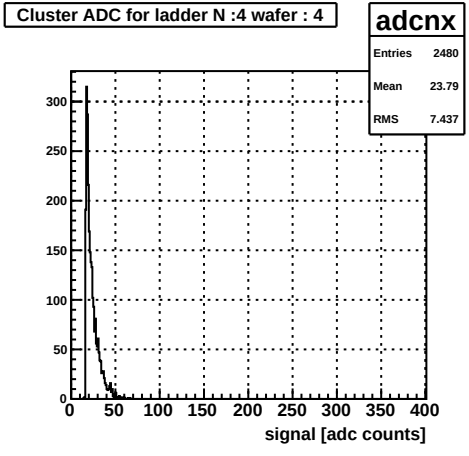

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 872
Mean 20.56
RMS 8.353
signal [adc counts]

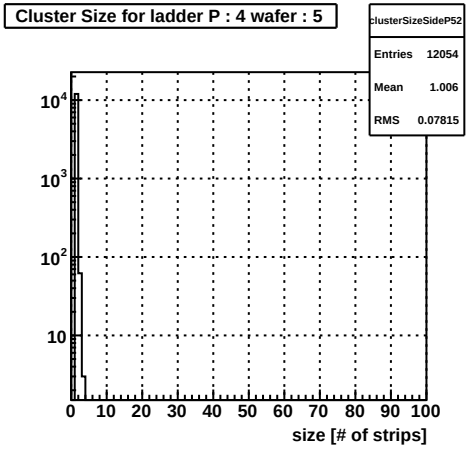

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 64762
Mean 1.048
RMS 0.2284
size [# of strips]

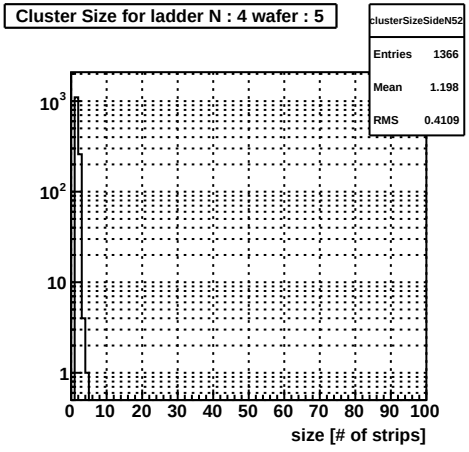

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2480
Mean 1.004
RMS 0.06337
size [# of strips]

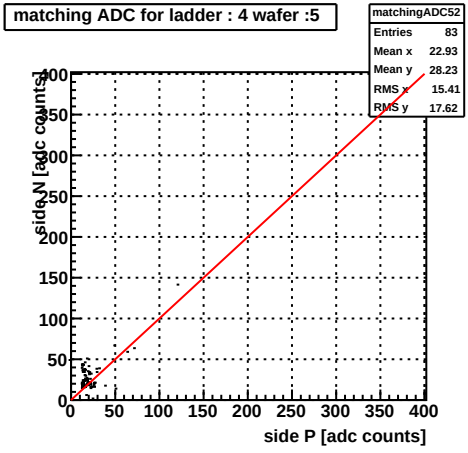

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 112
Mean x 19.16
Mean y 24.02
RMS x 6.217
RMS y 8.435
side N [adc counts]
side P [adc counts]

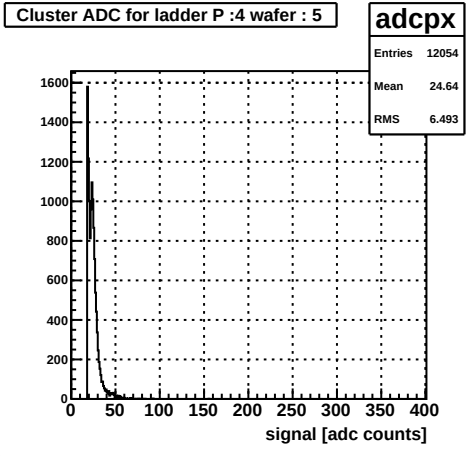

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 64762
Mean 26.71
RMS 9.231
signal [adc counts]

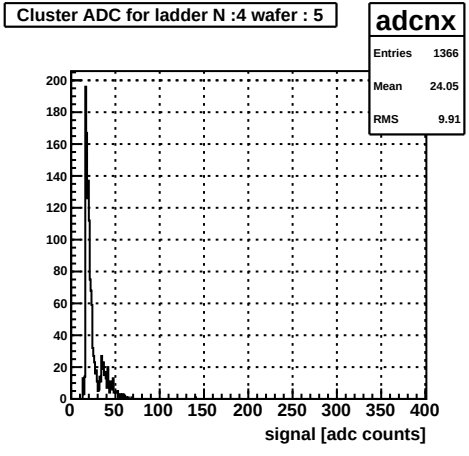

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2480
Mean 23.79
RMS 7.437
signal [adc counts]

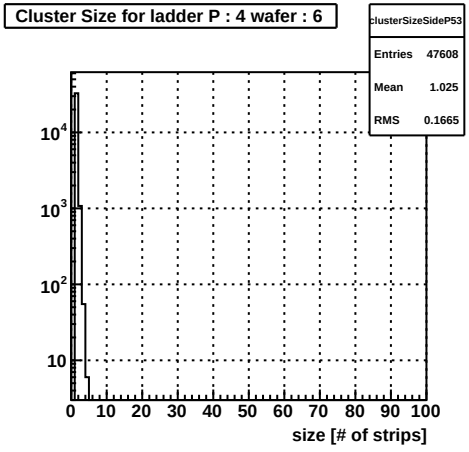

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 12054
Mean 1.006
RMS 0.07815
size [# of strips]

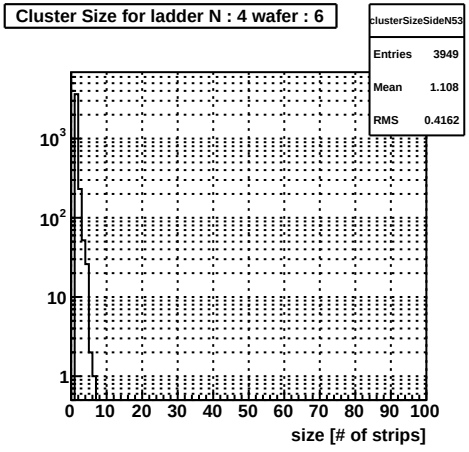

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 1366
Mean 1.198
RMS 0.4109
size [# of strips]

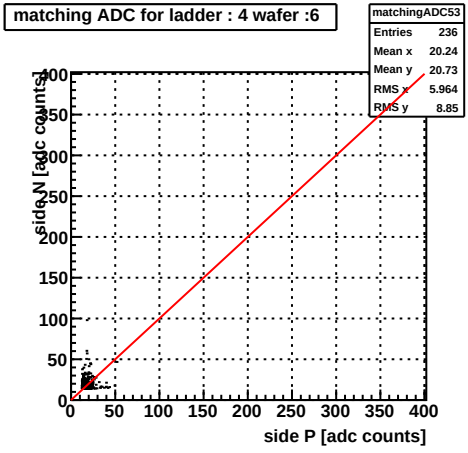

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 83
Mean x 22.93
Mean y 28.23
RMS x 15.41
RMS y 17.62
side N [adc counts]
side P [adc counts]

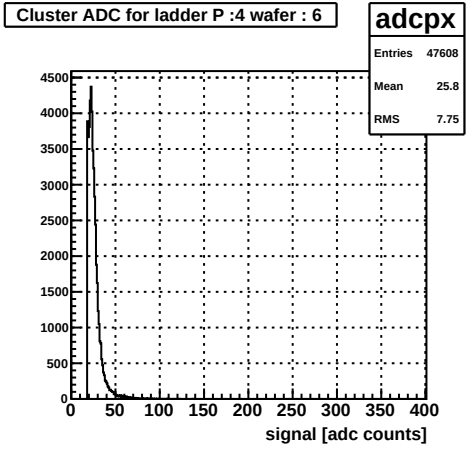

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 12054
Mean 24.64
RMS 6.493
signal [adc counts]

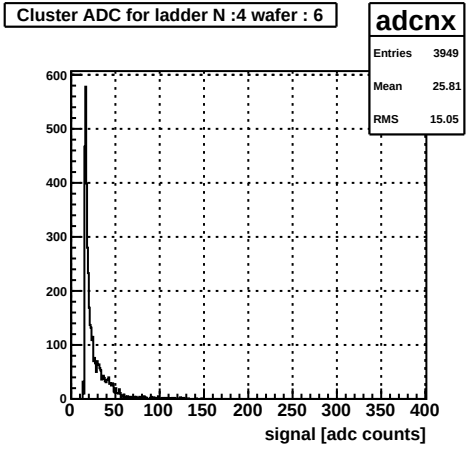

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 1366
Mean 24.05
RMS 9.91
signal [adc counts]

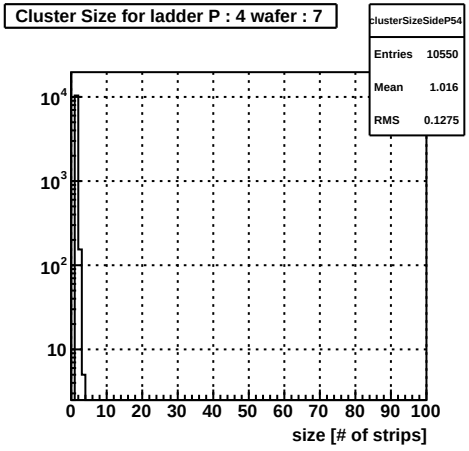

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 47608
Mean 1.025
RMS 0.1665
size [# of strips]

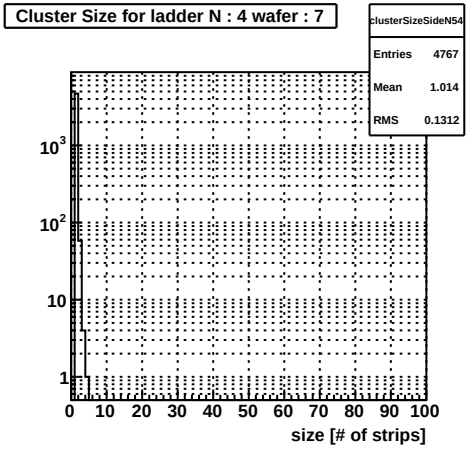

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 3949
Mean 1.108
RMS 0.4162
size [# of strips]

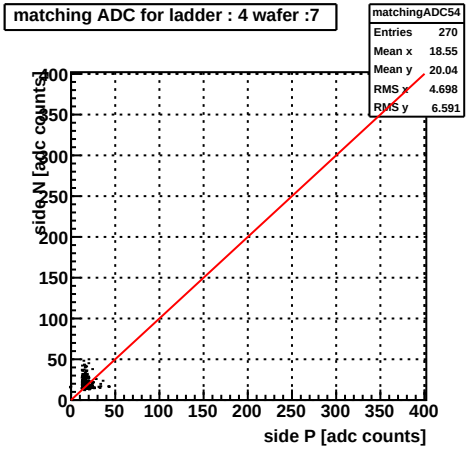

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 236
Mean x 20.24
Mean y 20.73
RMS x 5.964
RMS y 8.85
side N [adc counts]
side P [adc counts]

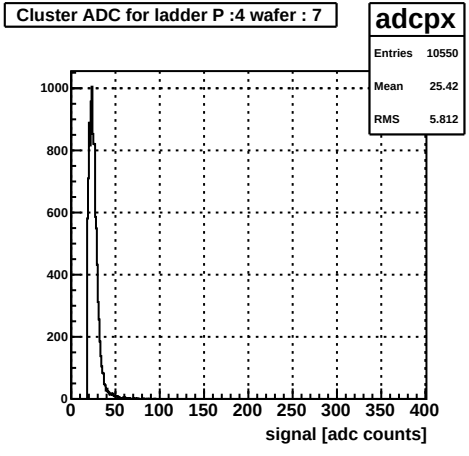

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 47608
Mean 25.8
RMS 7.75
signal [adc counts]

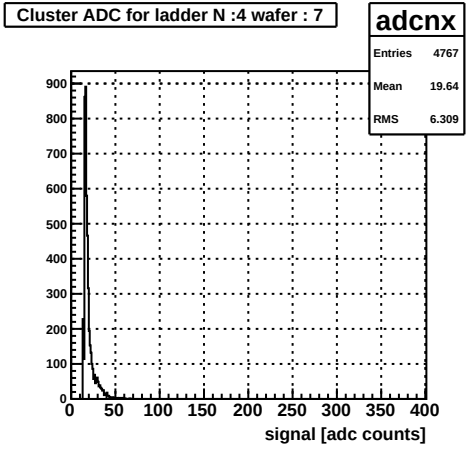

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 3949
Mean 25.81
RMS 15.05
signal [adc counts]

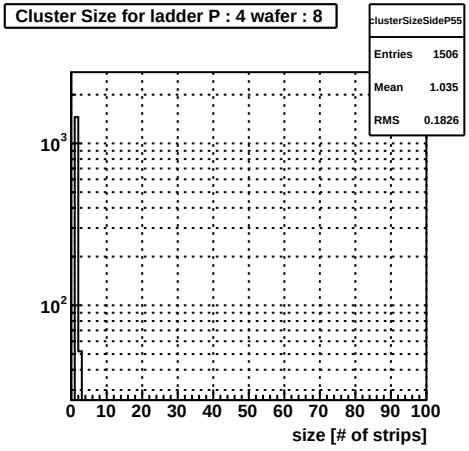

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 10550
Mean 1.016
RMS 0.1275
size [# of strips]

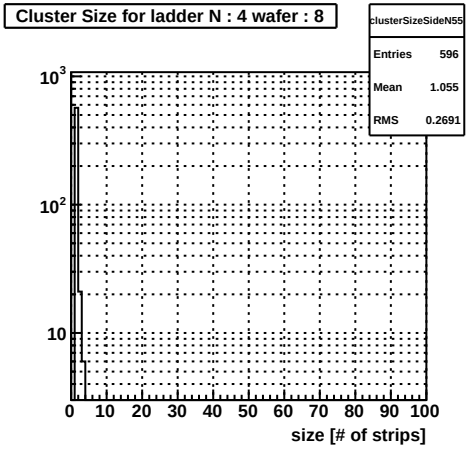

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4767
Mean 1.014
RMS 0.1312
size [# of strips]

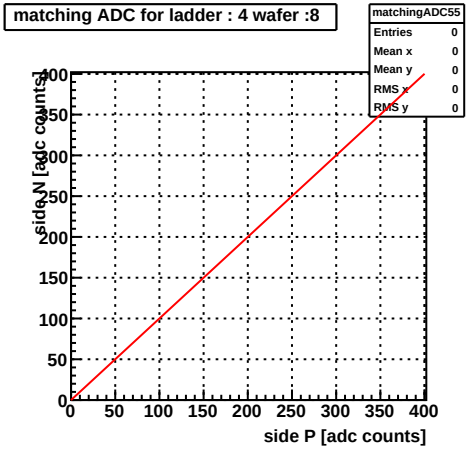

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 270
Mean x 18.55
Mean y 20.04
RMS x 4.698
RMS y 6.591
side N [adc counts]
side P [adc counts]

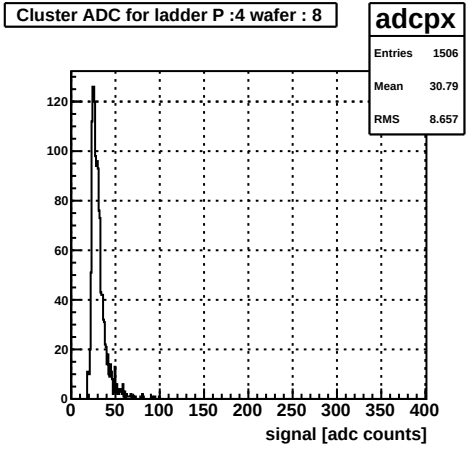

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 10550
Mean 25.42
RMS 5.812
signal [adc counts]

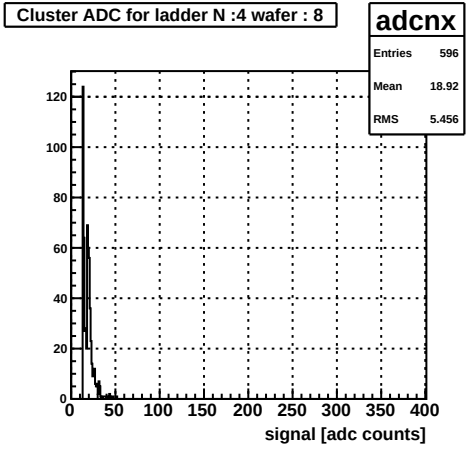

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4767
Mean 19.64
RMS 6.309
signal [adc counts]

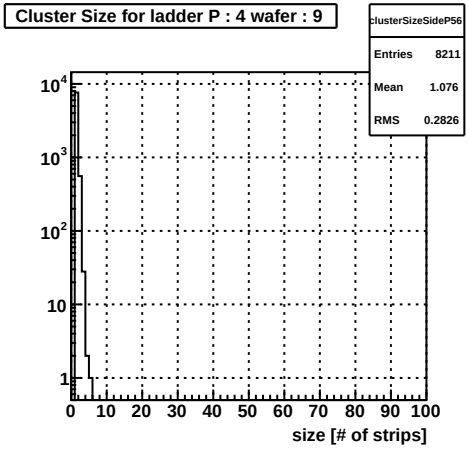

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1506
Mean 1.035
RMS 0.1826
size [# of strips]

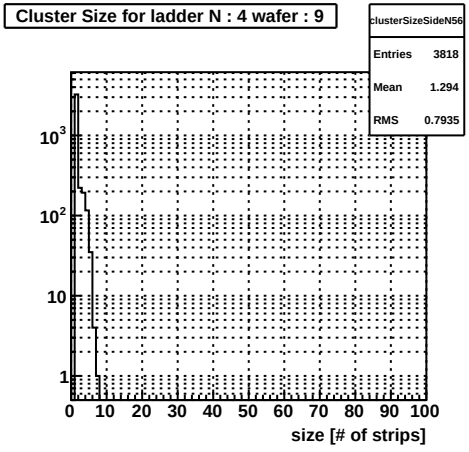

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 596
Mean 1.055
RMS 0.2691
size [# of strips]

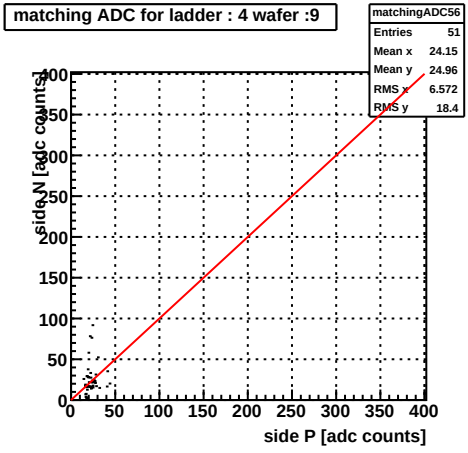

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

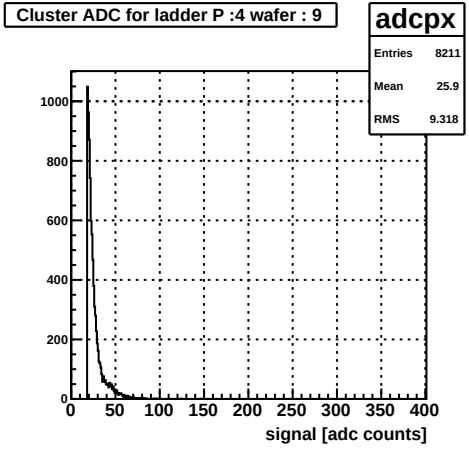

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1506
Mean 30.79
RMS 8.657
signal [adc counts]

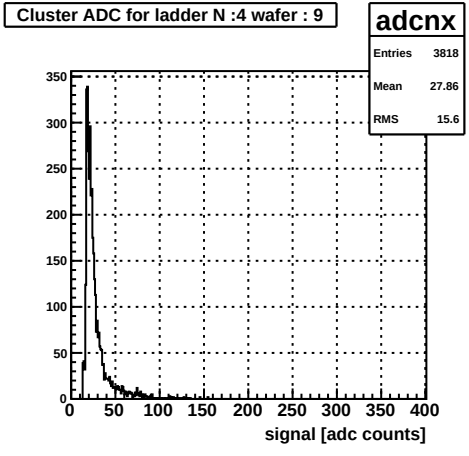

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 596
Mean 18.92
RMS 5.456
signal [adc counts]

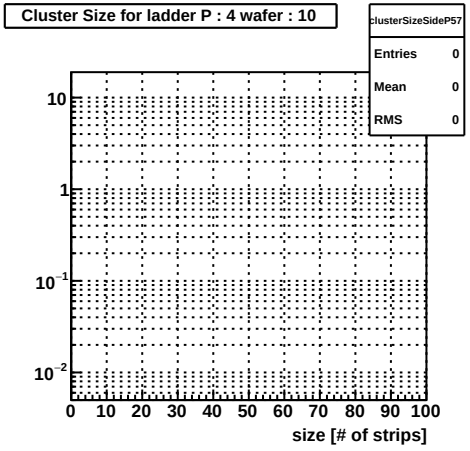

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 8211
Mean 1.076
RMS 0.2826
size [# of strips]

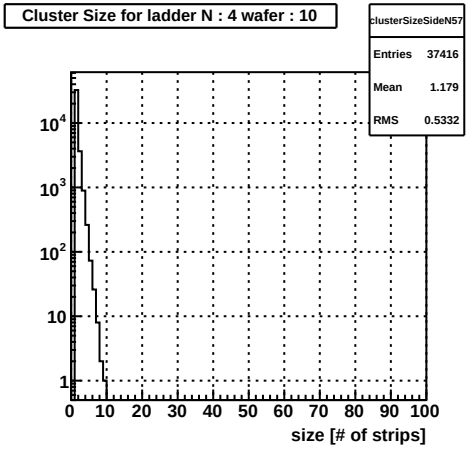

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3818
Mean 1.294
RMS 0.7935
size [# of strips]

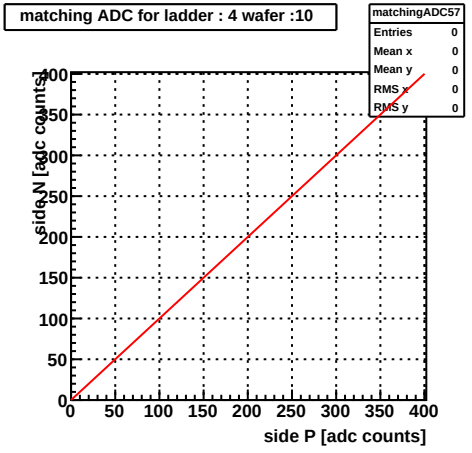

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 51
Mean x 24.15
Mean y 24.96
RMS x 6.572
RMS y 18.4
side N [adc counts]
side P [adc counts]

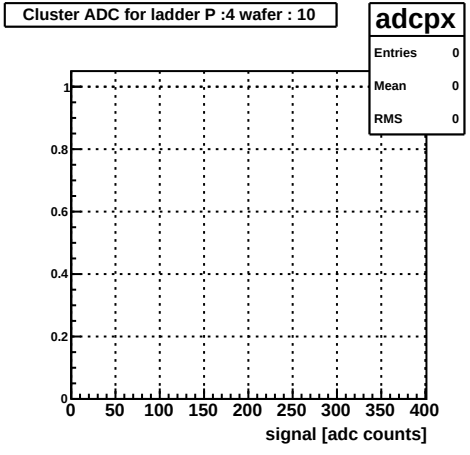

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 8211
Mean 25.9
RMS 9.318
signal [adc counts]

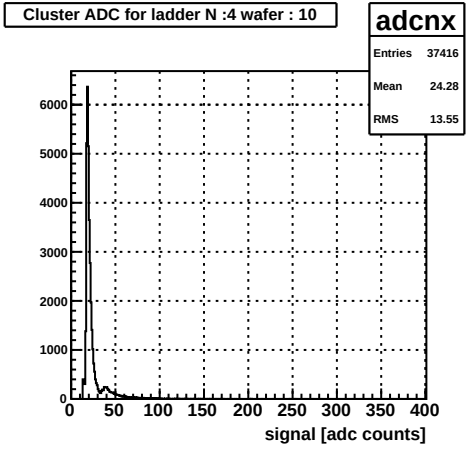

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3818
Mean 27.86
RMS 15.6
signal [adc counts]

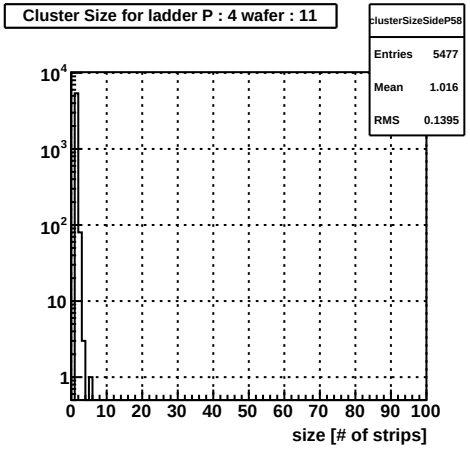

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

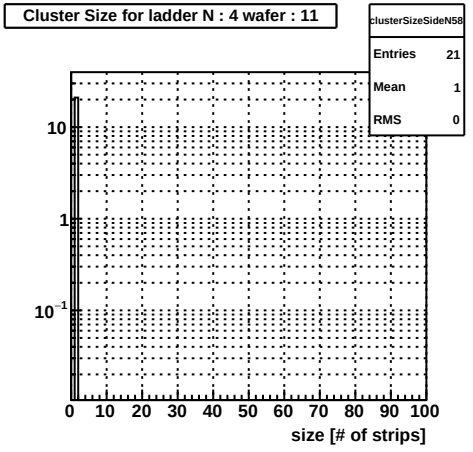

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 37416
Mean 1.179
RMS 0.5332
size [# of strips]

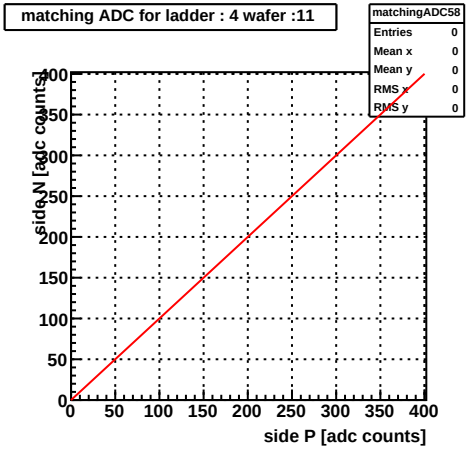

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

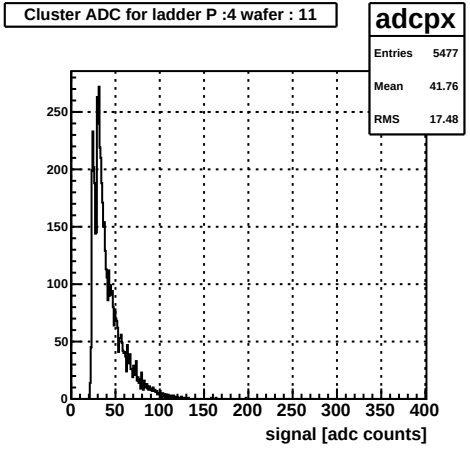

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

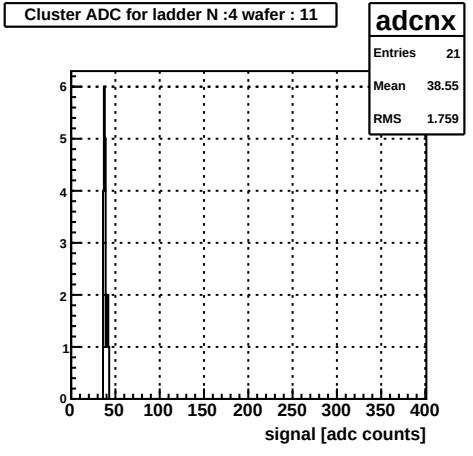

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 37416
Mean 24.28
RMS 13.55
signal [adc counts]

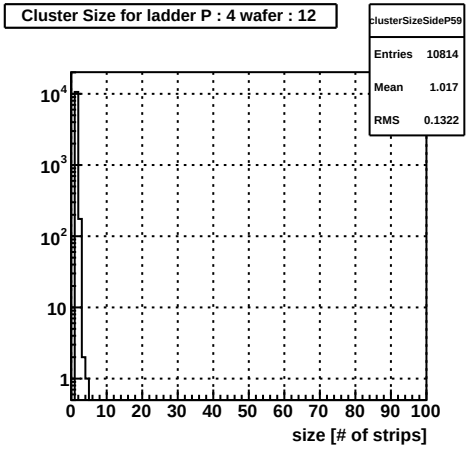

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 5477
Mean 1.016
RMS 0.1395
size [# of strips]

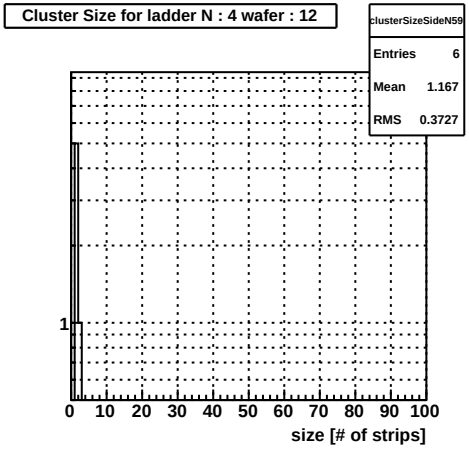

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 21
Mean 1
RMS 0
size [# of strips]

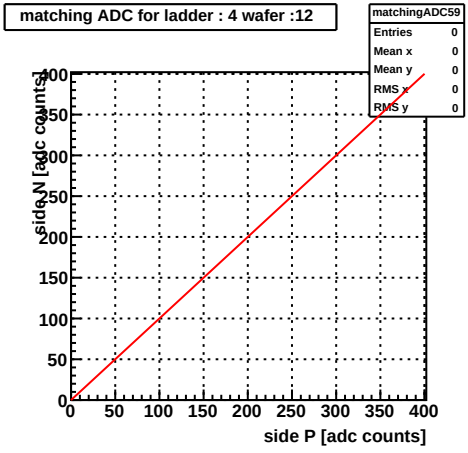

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

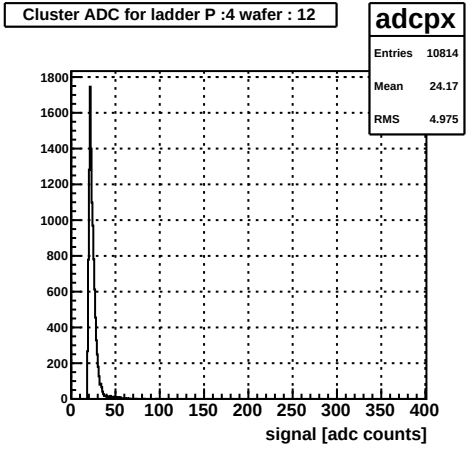

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 5477
Mean 41.76
RMS 17.48
signal [adc counts]

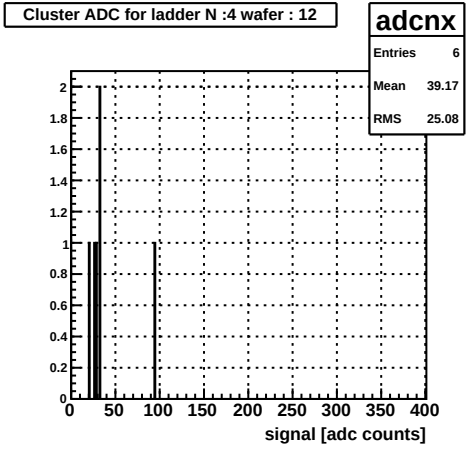

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 21
Mean 38.55
RMS 1.759
signal [adc counts]

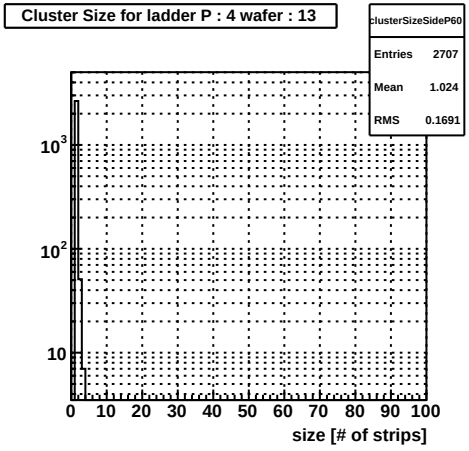

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10814
Mean 1.017
RMS 0.1322
size [# of strips]

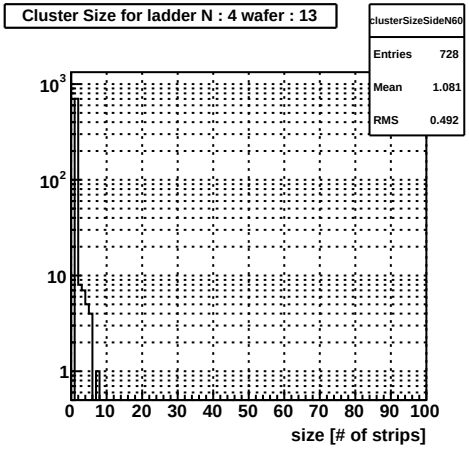

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

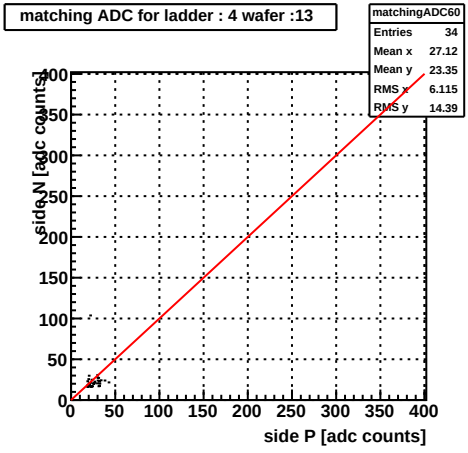

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

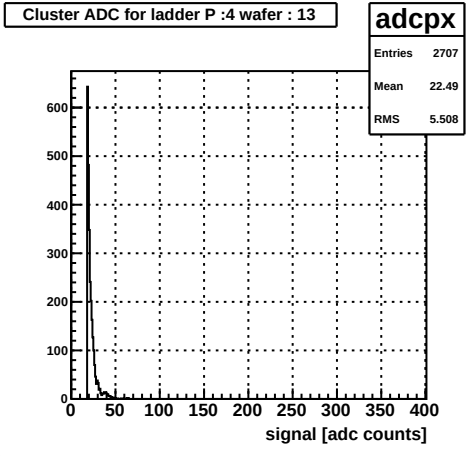

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10814
Mean 24.17
RMS 4.975
signal [adc counts]

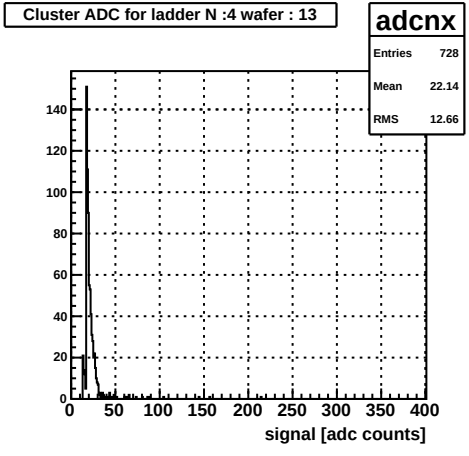

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6
Mean 39.17
RMS 25.08
signal [adc counts]

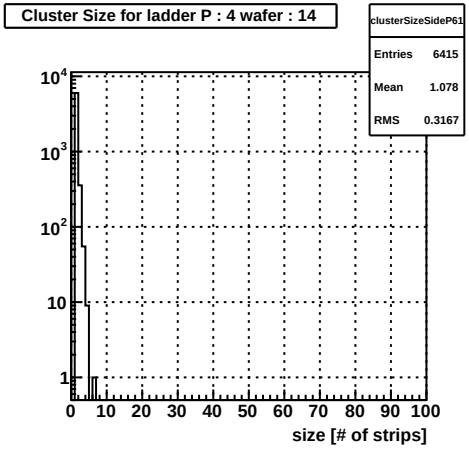

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2707
Mean 1.024
RMS 0.1691
size [# of strips]

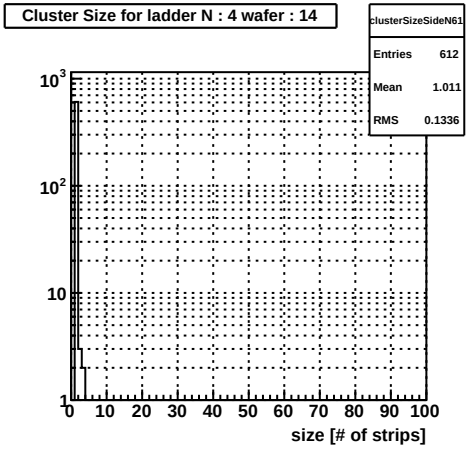

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 728
Mean 1.081
RMS 0.492
size [# of strips]

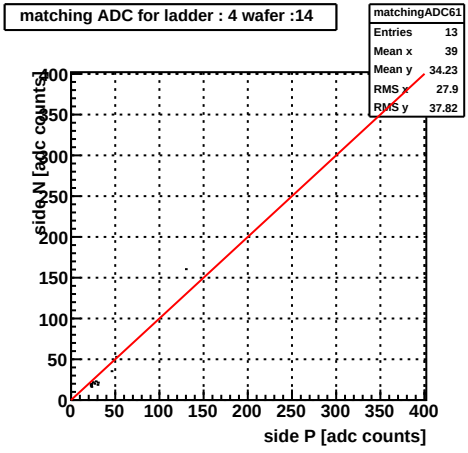

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 34
Mean x 27.12
Mean y 23.35
RMS x 6.115
RMS y 14.39
side N [adc counts]
side P [adc counts]

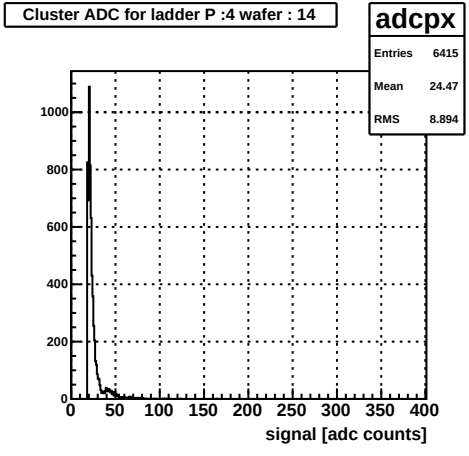

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2707
Mean 22.49
RMS 5.508
signal [adc counts]

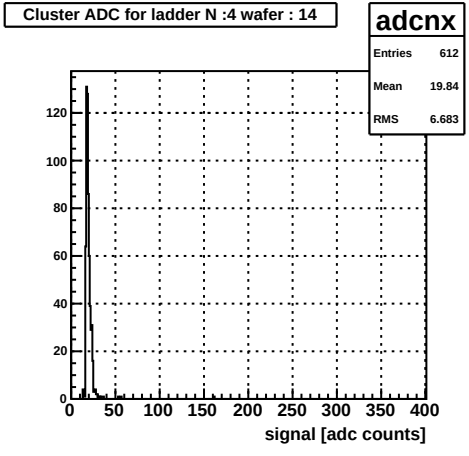

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 728
Mean 22.14
RMS 12.66
signal [adc counts]

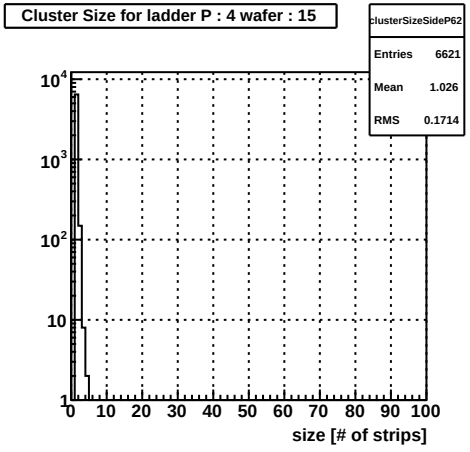

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 6415
Mean 1.078
RMS 0.3167
size [# of strips]

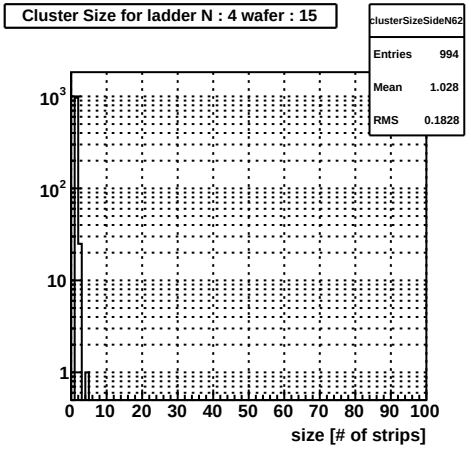

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 612
Mean 1.011
RMS 0.1336
size [# of strips]

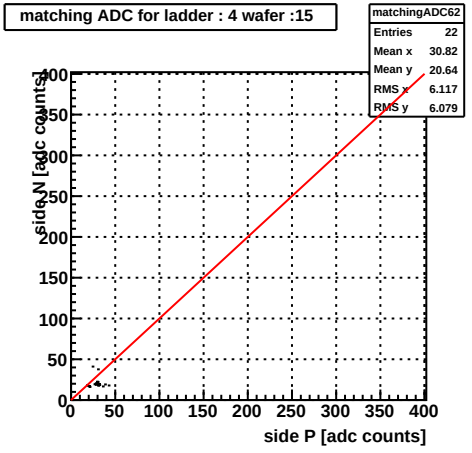

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 13
Mean x 39
Mean y 34.23
RMS x 27.9
RMS y 37.82
side N [adc counts]
side P [adc counts]

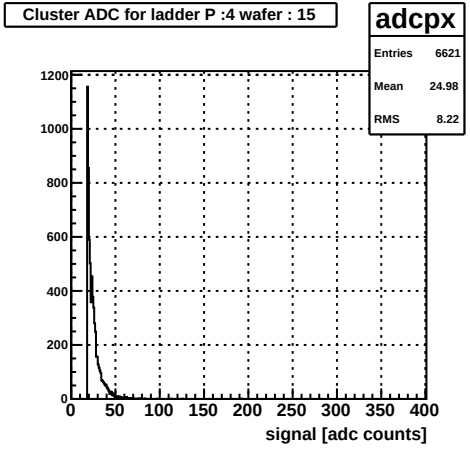

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 6415
Mean 24.47
RMS 8.894
signal [adc counts]

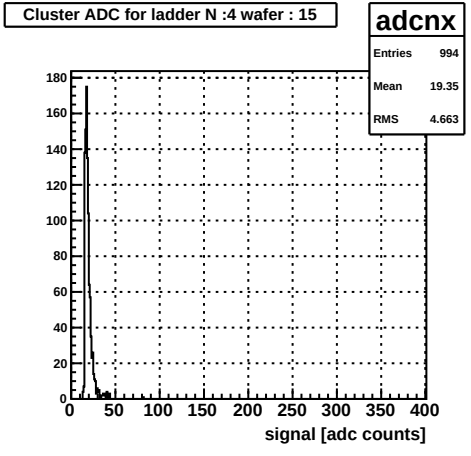

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 612
Mean 19.84
RMS 6.683
signal [adc counts]

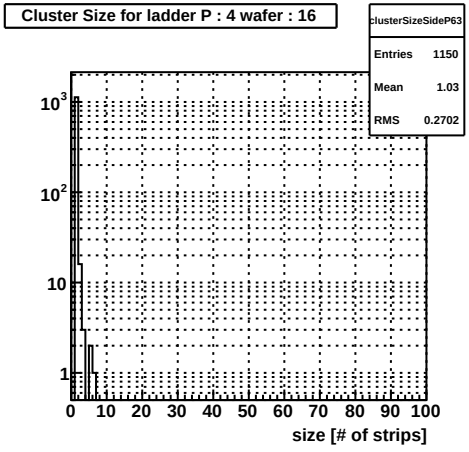

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6621
Mean 1.026
RMS 0.1714
size [# of strips]

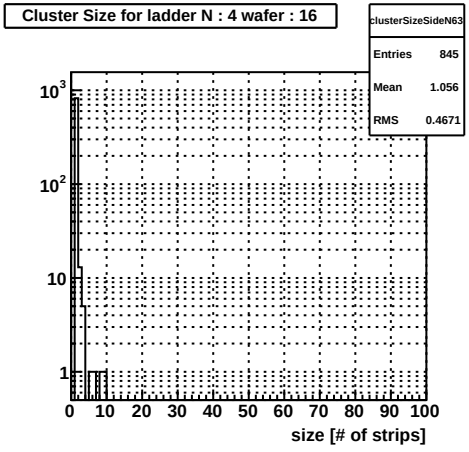

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 994
Mean 1.028
RMS 0.1828
size [# of strips]

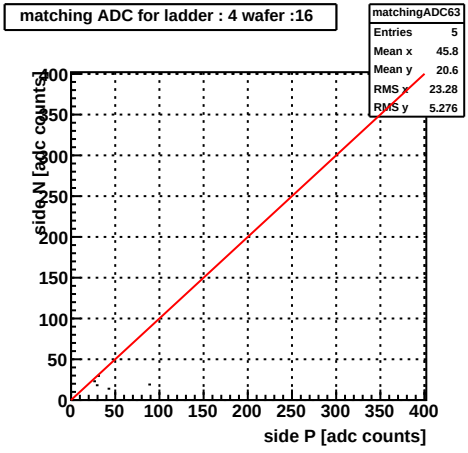

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 22
Mean x 30.82
Mean y 20.64
RMS x 6.117
RMS y 6.079
side N [adc counts]
side P [adc counts]

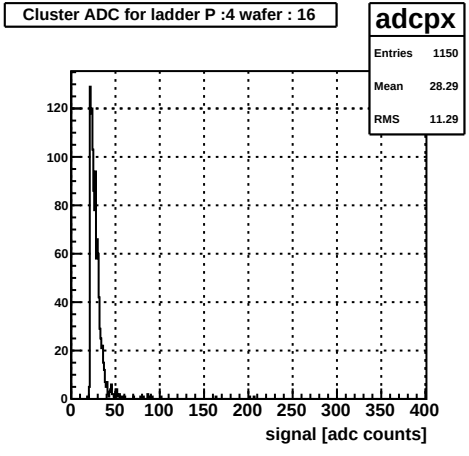

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6621
Mean 24.98
RMS 8.22
signal [adc counts]

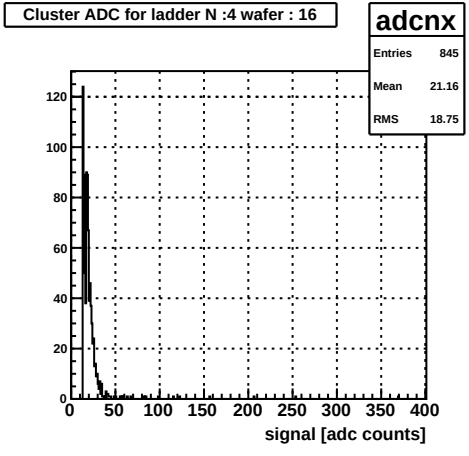

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 994
Mean 19.35
RMS 4.663
signal [adc counts]

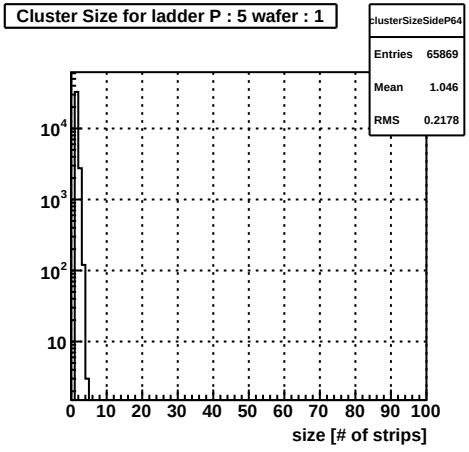

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1150
Mean 1.03
RMS 0.2702
size [# of strips]

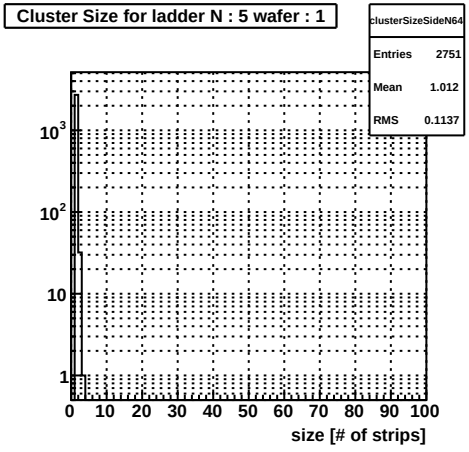

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 845
Mean 1.056
RMS 0.4671
size [# of strips]

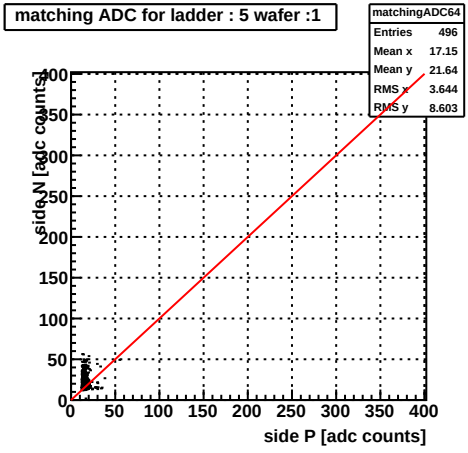

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 5
Mean x 45.8
Mean y 20.6
RMS x 23.28
RMS y 5.276
side N [adc counts]
side P [adc counts]

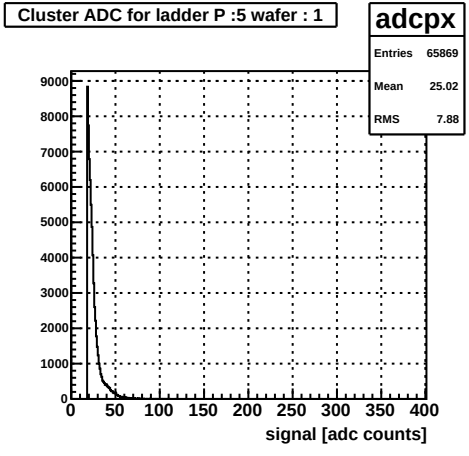

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1150
Mean 28.29
RMS 11.29
signal [adc counts]

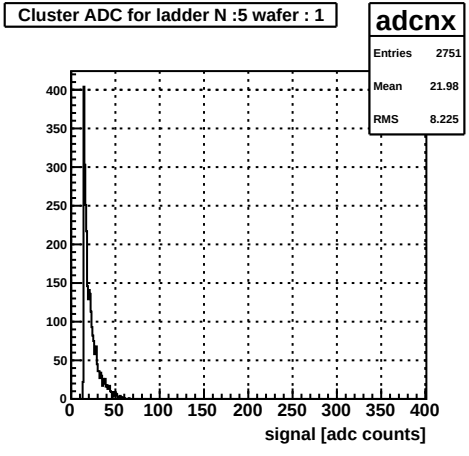

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 845
Mean 21.16
RMS 18.75
signal [adc counts]

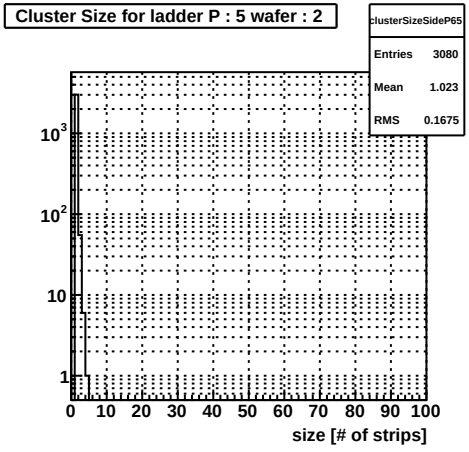

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 65869
Mean 1.046
RMS 0.2178
size [# of strips]

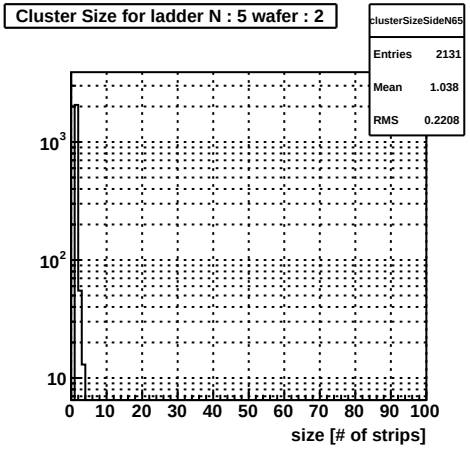

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2751
Mean 1.012
RMS 0.1137
size [# of strips]

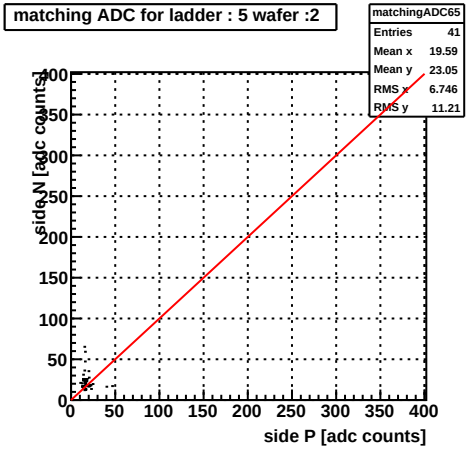

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 496
Mean x 17.15
Mean y 21.64
RMS x 3.644
RMS y 8.603
side N [adc counts]
side P [adc counts]

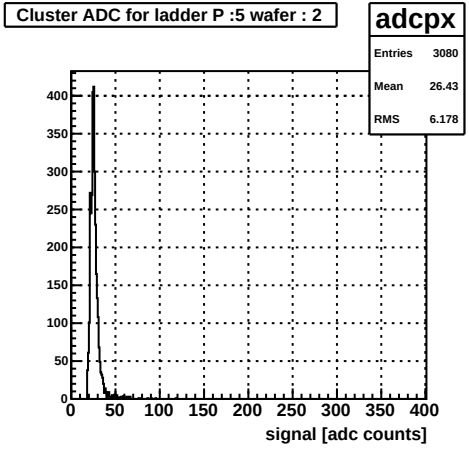

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 65869
Mean 25.02
RMS 7.88
signal [adc counts]

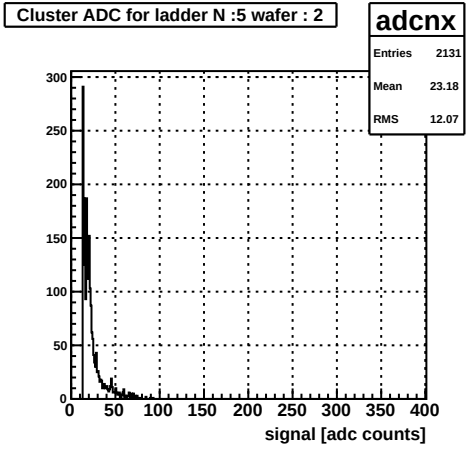

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2751
Mean 21.98
RMS 8.225
signal [adc counts]

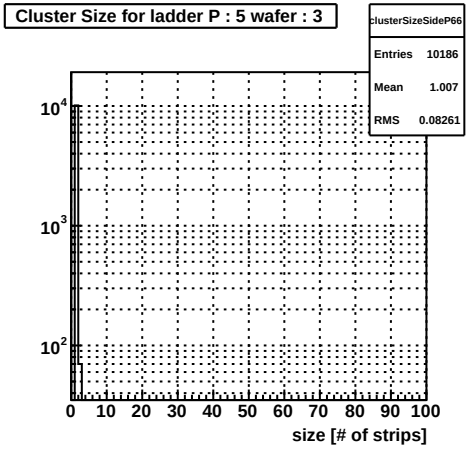

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3080
Mean 1.023
RMS 0.1675
size [# of strips]

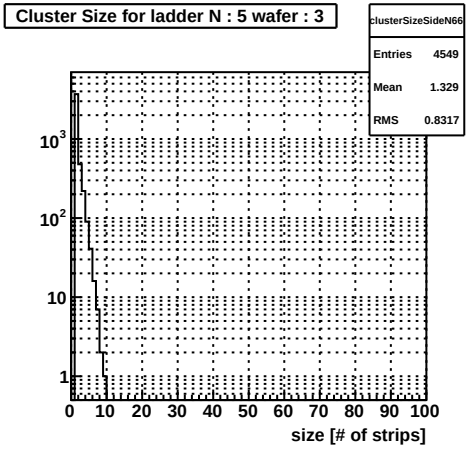

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2131
Mean 1.038
RMS 0.2208
size [# of strips]

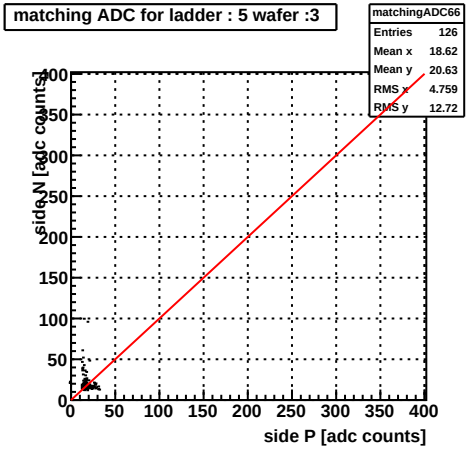

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 41
Mean x 19.59
Mean y 23.05
RMS x 6.746
RMS y 11.21
side N [adc counts]
side P [adc counts]

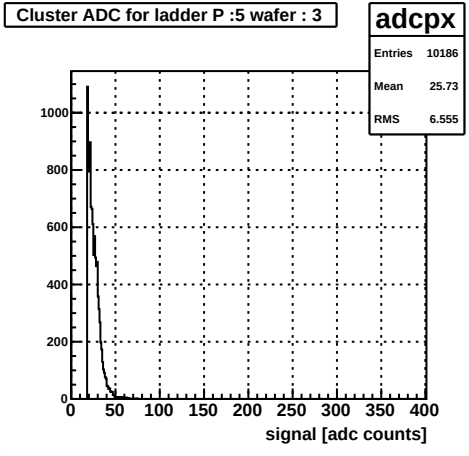

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3080
Mean 26.43
RMS 6.178
signal [adc counts]

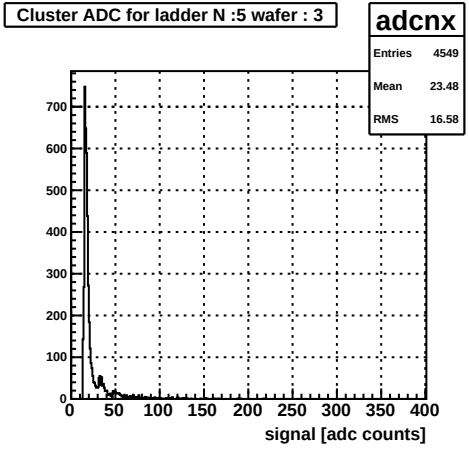

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2131
Mean 23.18
RMS 12.07
signal [adc counts]

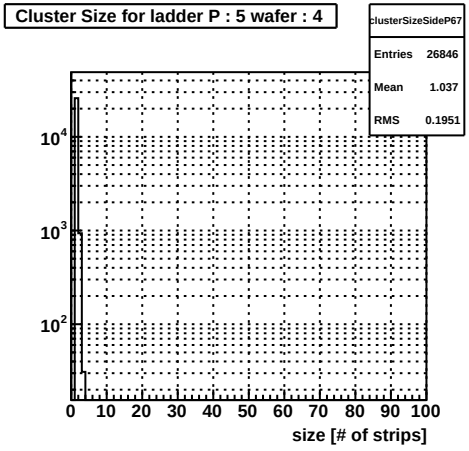

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10186
Mean 1.007
RMS 0.08261
size [# of strips]

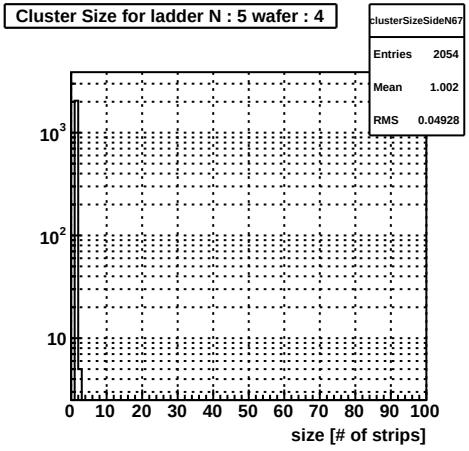

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4549
Mean 1.329
RMS 0.8317
size [# of strips]

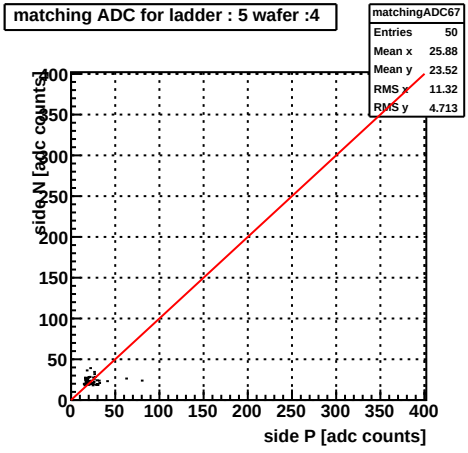

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 126
Mean x 18.62
Mean y 20.63
RMS x 4.759
RMS y 12.72
side N [adc counts]
side P [adc counts]

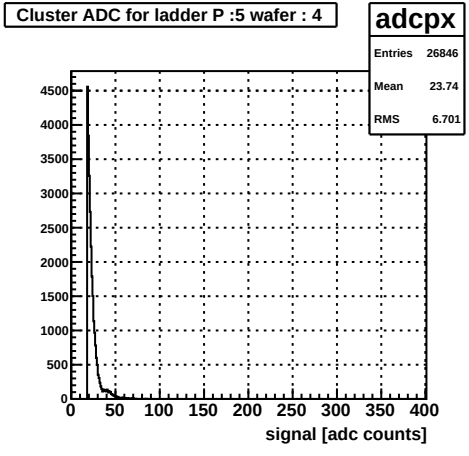

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10186
Mean 25.73
RMS 6.555
signal [adc counts]

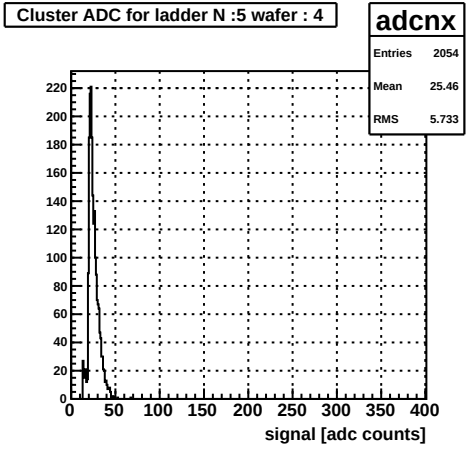

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4549
Mean 23.48
RMS 16.58
signal [adc counts]

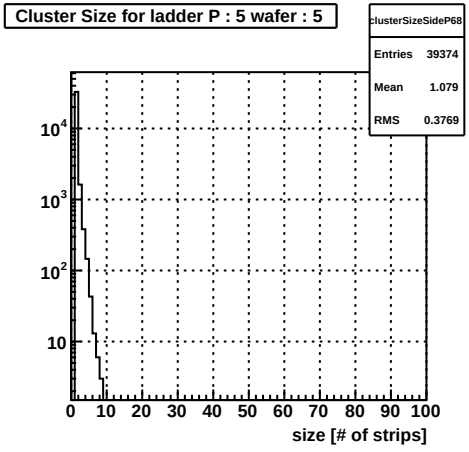

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 26846
Mean 1.037
RMS 0.1951
size [# of strips]

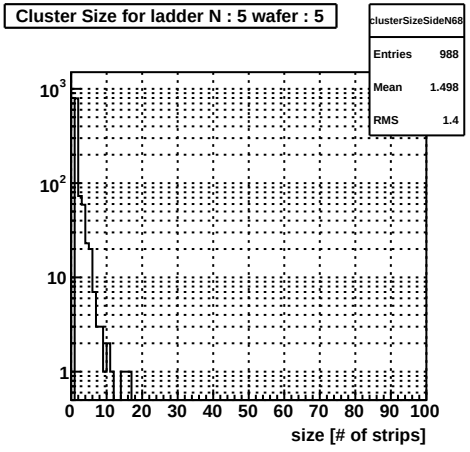

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2054
Mean 1.002
RMS 0.04928
size [# of strips]

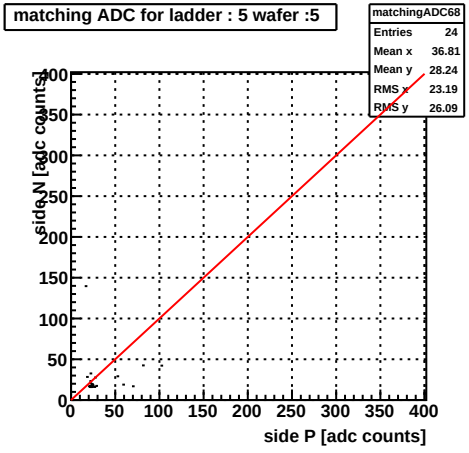

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 50
Mean x 25.88
Mean y 23.52
RMS x 11.32
RMS y 4.713
side N [adc counts]
side P [adc counts]

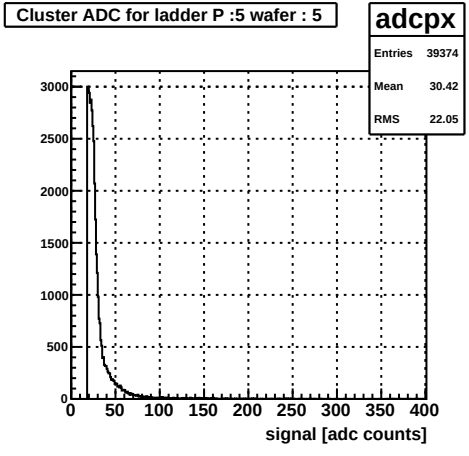

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 26846
Mean 23.74
RMS 6.701
signal [adc counts]

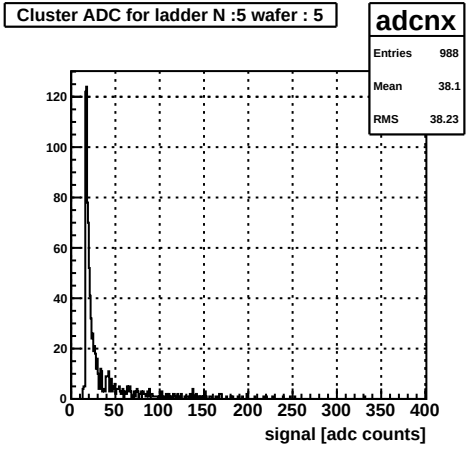

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2054
Mean 25.46
RMS 5.733
signal [adc counts]

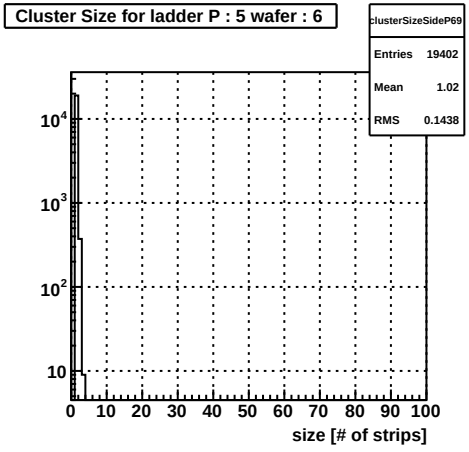

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 39374
Mean 1.079
RMS 0.3769
size [# of strips]

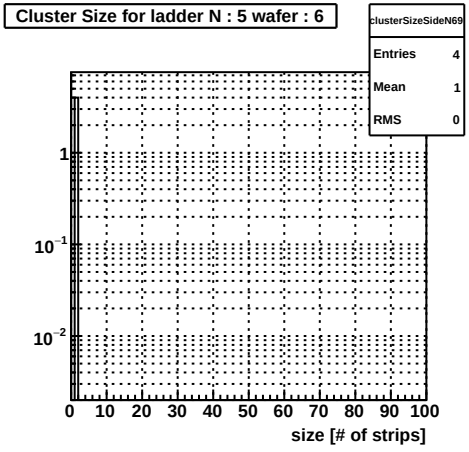

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 988
Mean 1.498
RMS 1.4
size [# of strips]

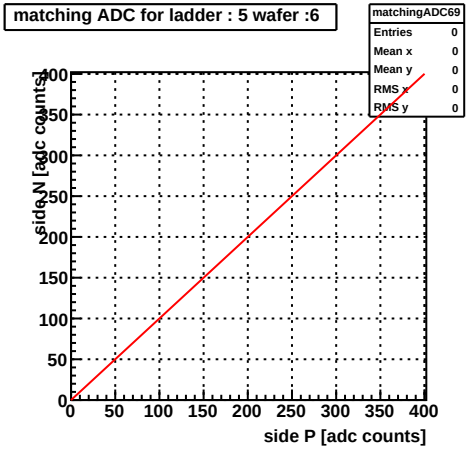

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 24
Mean x 36.81
Mean y 28.24
RMS x 23.19
RMS y 26.09
side N [adc counts]
side P [adc counts]

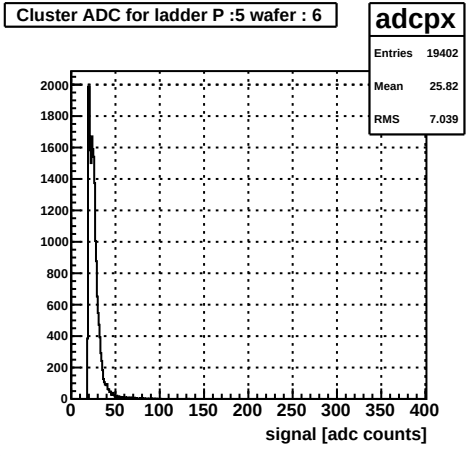

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 39374
Mean 30.42
RMS 22.05
signal [adc counts]

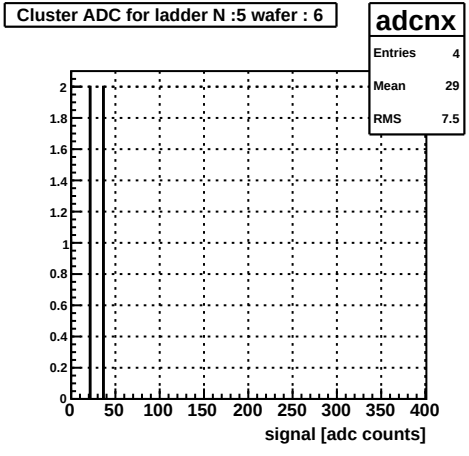

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 988
Mean 38.1
RMS 38.23
signal [adc counts]

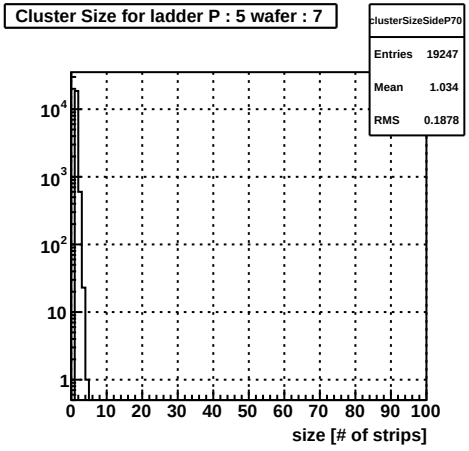

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 19402
Mean 1.02
RMS 0.1438
size [# of strips]

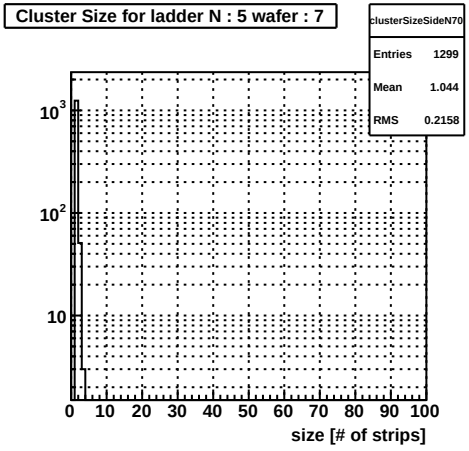

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4
Mean 1
RMS 0
size [# of strips]

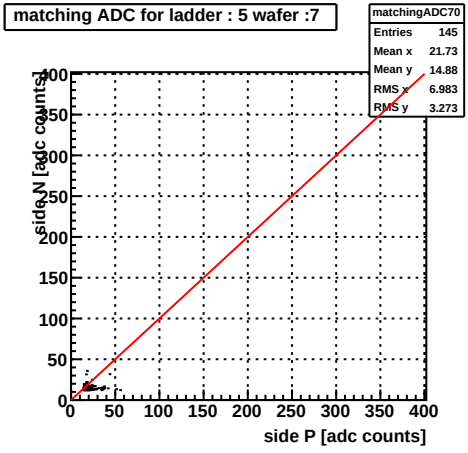

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

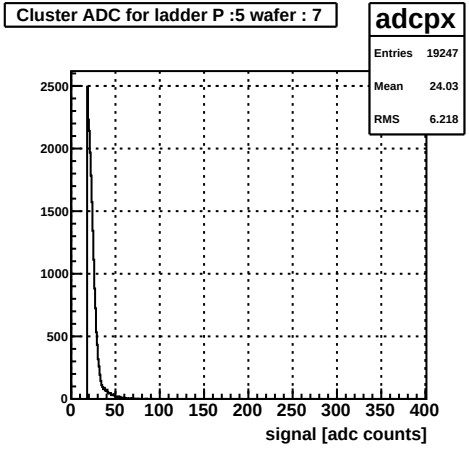

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 19402
Mean 25.82
RMS 7.039
signal [adc counts]

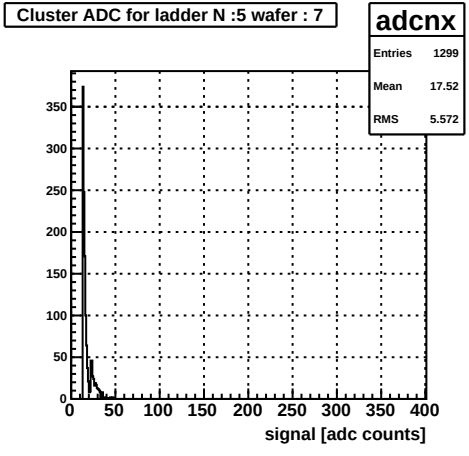

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4
Mean 29
RMS 7.5
signal [adc counts]

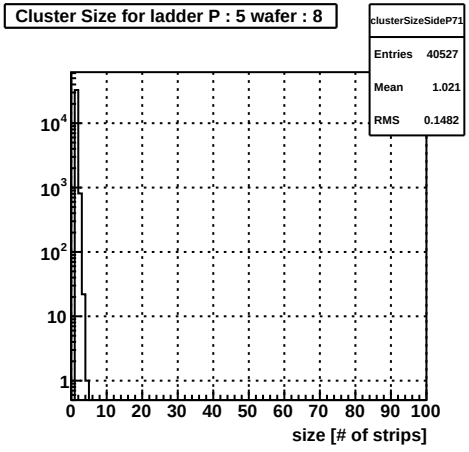

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 19247
Mean 1.034
RMS 0.1878
size [# of strips]

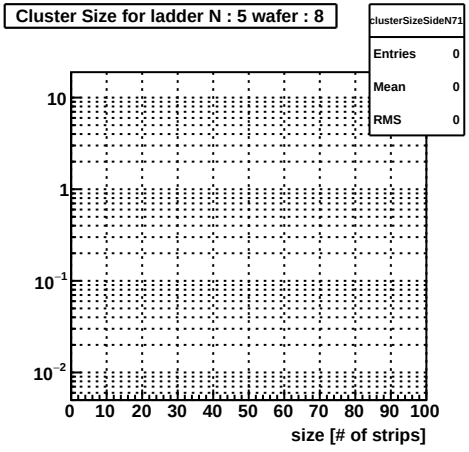

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1299
Mean 1.044
RMS 0.2158
size [# of strips]

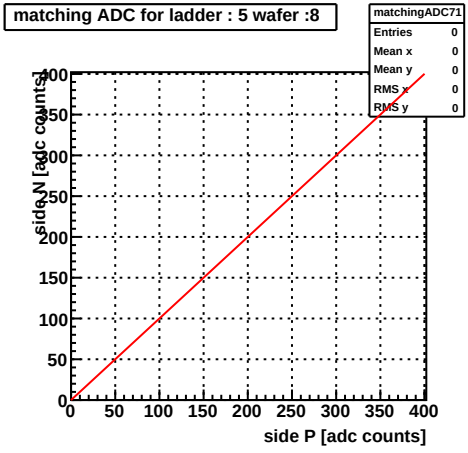

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 145
Mean x 21.73
Mean y 14.88
RMS x 6.983
RMS y 3.273
side N [adc counts]
side P [adc counts]

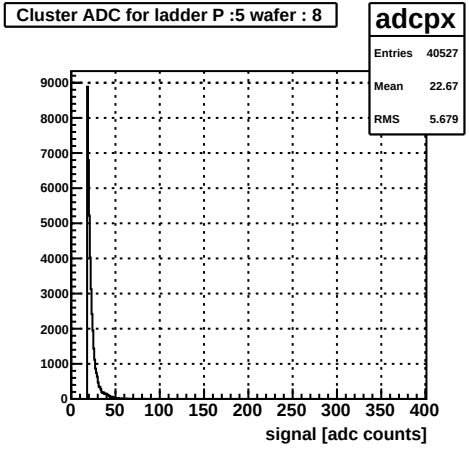

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 19247
Mean 24.03
RMS 6.218
signal [adc counts]

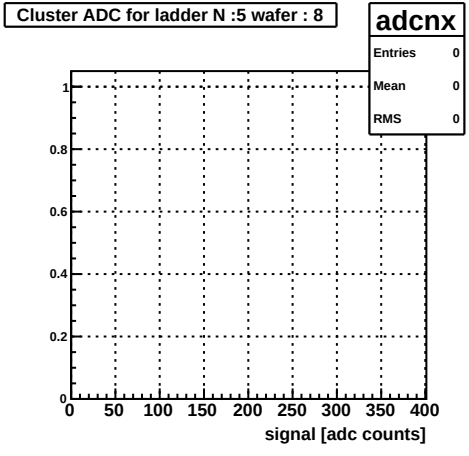

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1299
Mean 17.52
RMS 5.572
signal [adc counts]

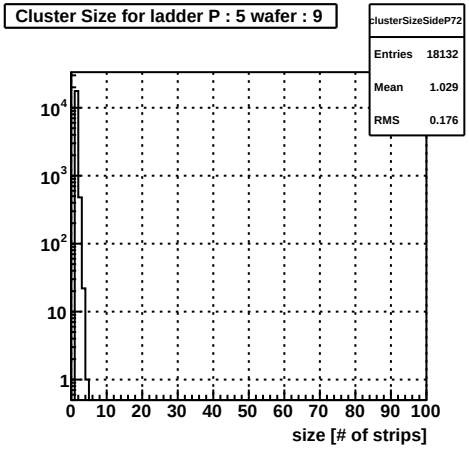

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 40527
Mean 1.021
RMS 0.1482
size [# of strips]

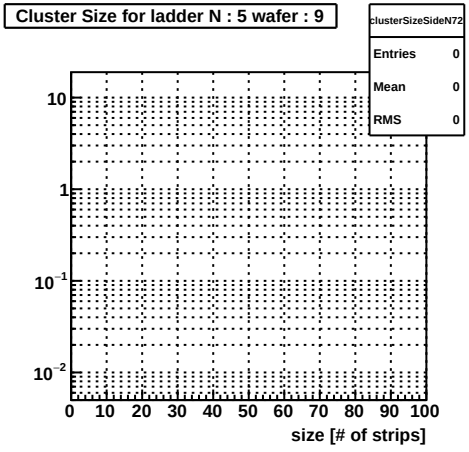

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

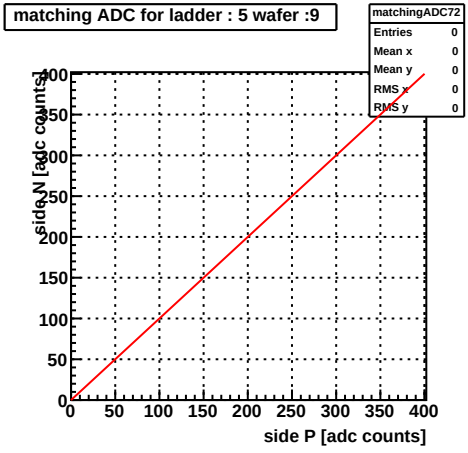

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

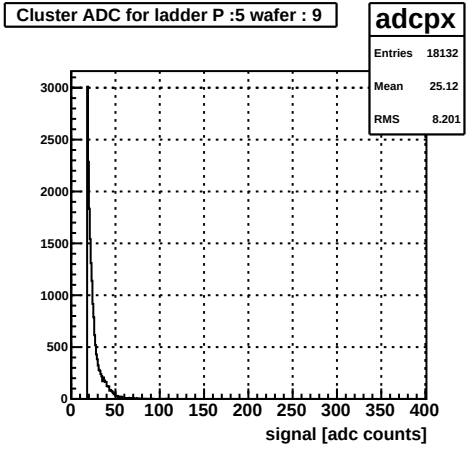

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 40527
Mean 22.67
RMS 5.679
signal [adc counts]

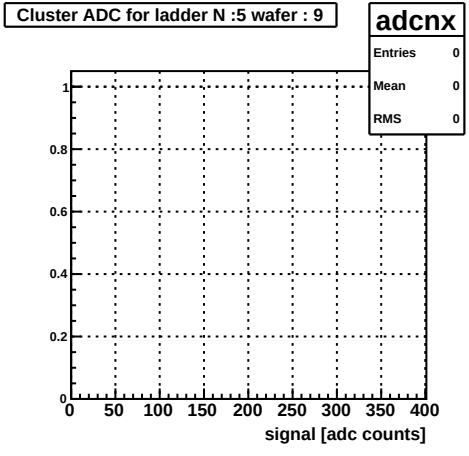

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

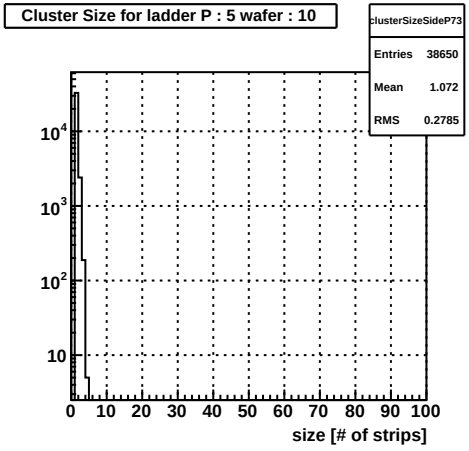

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 18132
Mean 1.029
RMS 0.176
size [# of strips]

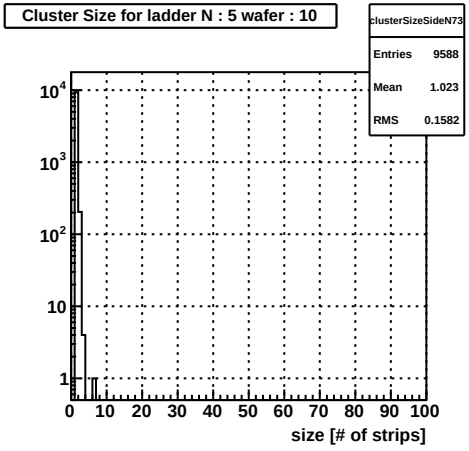

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

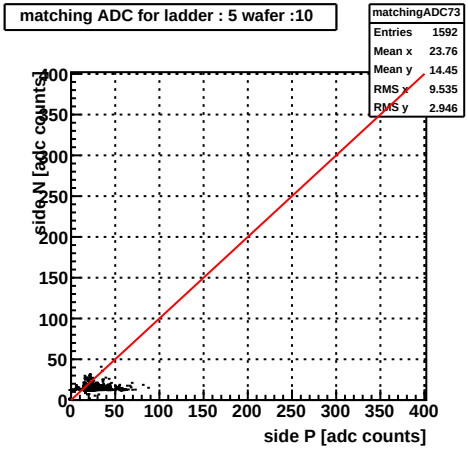

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

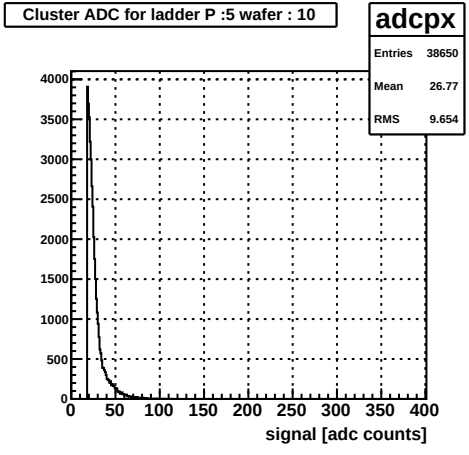

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 18132
Mean 25.12
RMS 8.201
signal [adc counts]

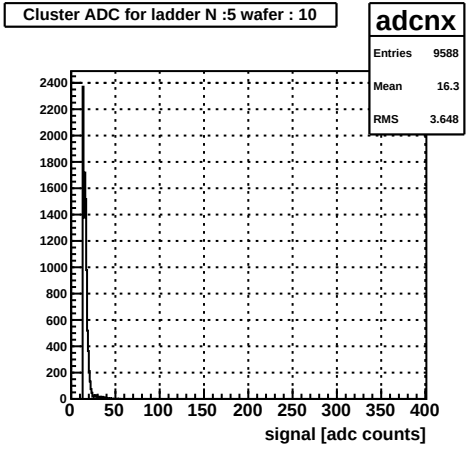

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

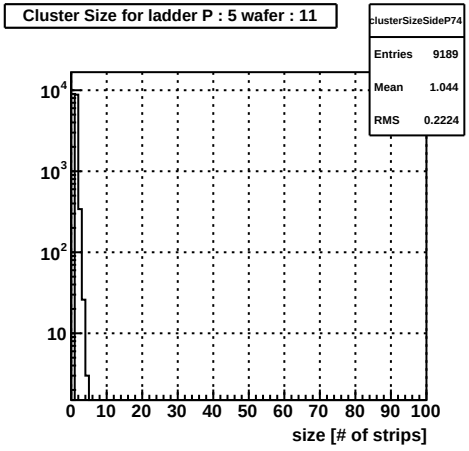

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 38650
Mean 1.072
RMS 0.2785
size [# of strips]

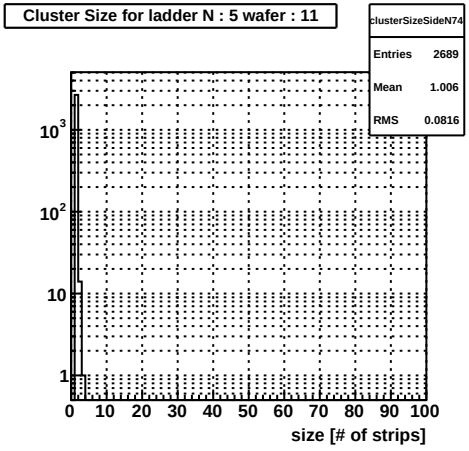

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9588
Mean 1.023
RMS 0.1582
size [# of strips]

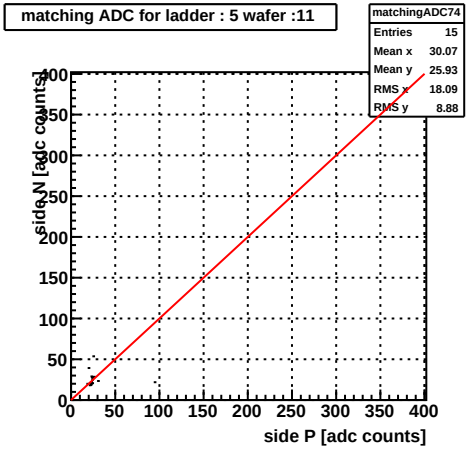

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1592
Mean x 23.76
Mean y 14.45
RMS x 9.535
RMS y 2.946
side N [adc counts]
side P [adc counts]

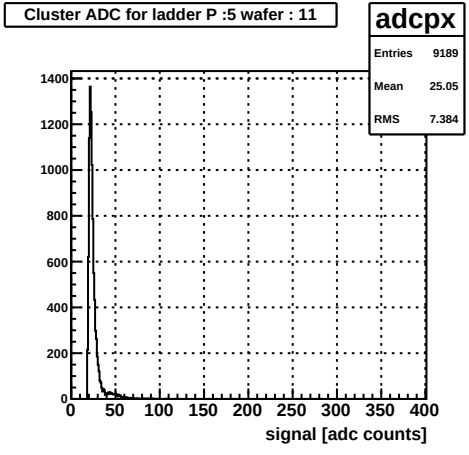

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 38650
Mean 26.77
RMS 9.654
signal [adc counts]

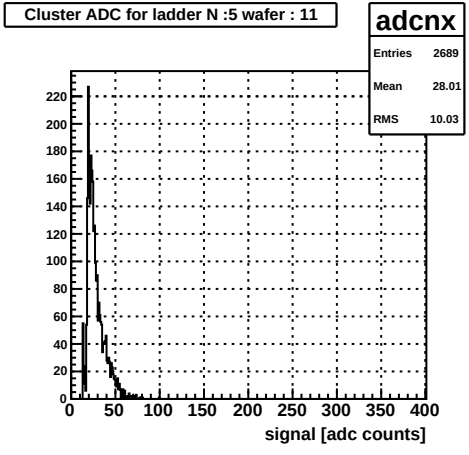

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9588
Mean 16.3
RMS 3.648
signal [adc counts]

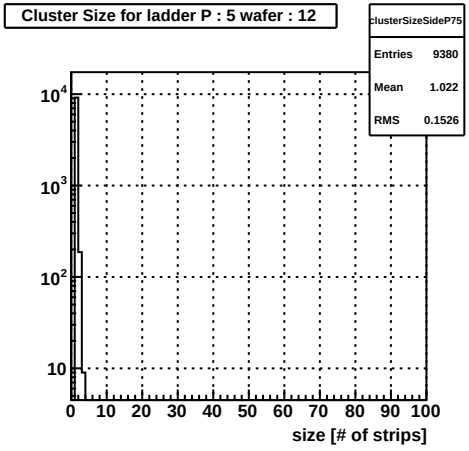

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9189
Mean 1.044
RMS 0.2224
size [# of strips]

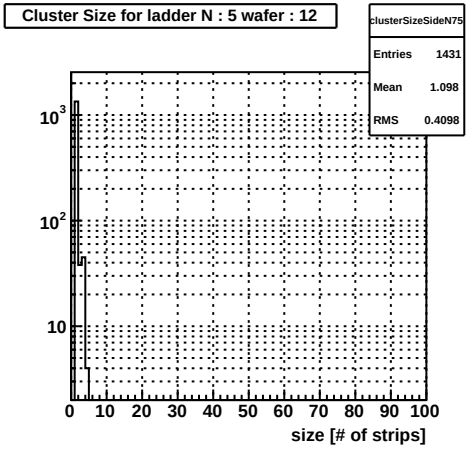

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2689
Mean 1.006
RMS 0.0816
size [# of strips]

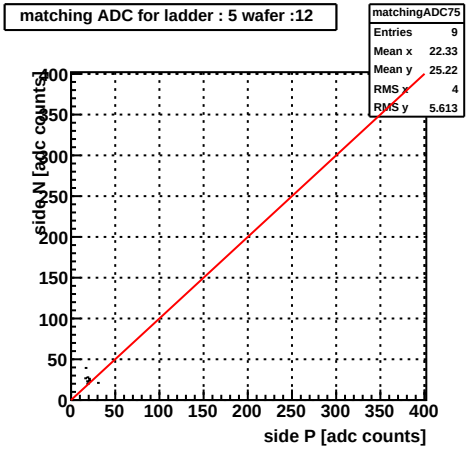

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 15
Mean x 30.07
Mean y 25.93
RMS x 18.09
RMS y 8.88
side N [adc counts]
side P [adc counts]

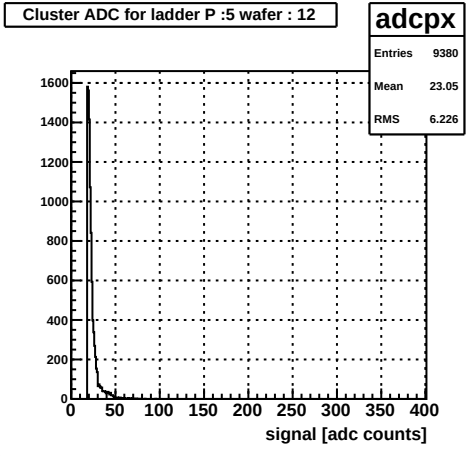

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9189
Mean 25.05
RMS 7.384
signal [adc counts]

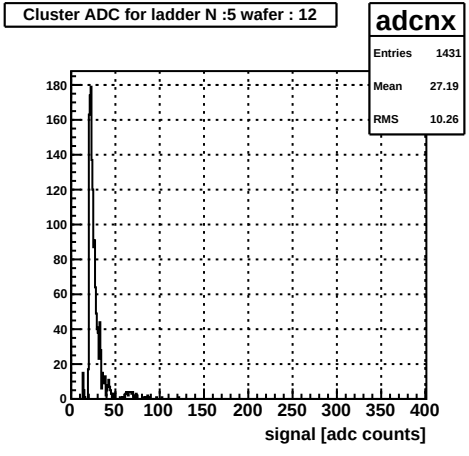

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2689
Mean 28.01
RMS 10.03
signal [adc counts]

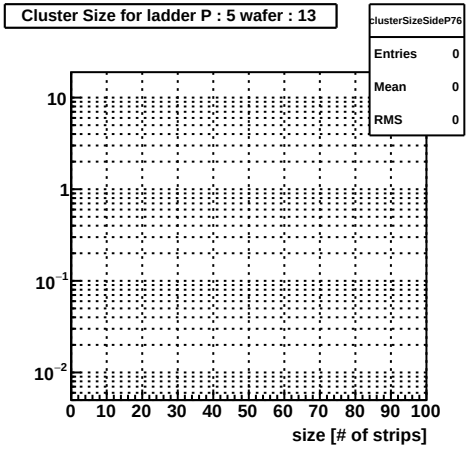

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9380
Mean 1.022
RMS 0.1526
size [# of strips]

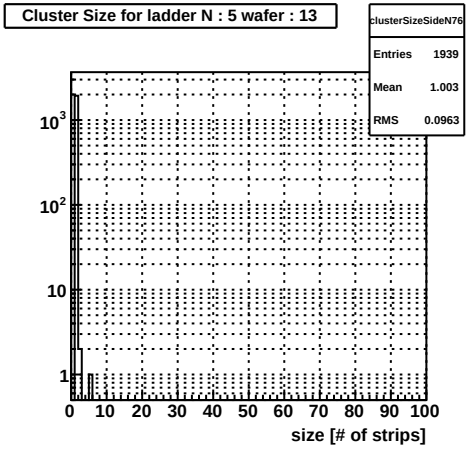

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1431
Mean 1.098
RMS 0.4098
size [# of strips]

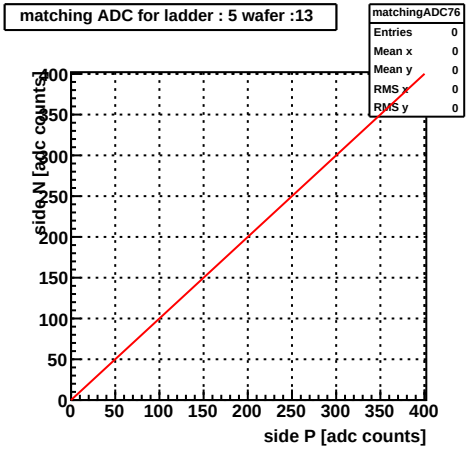

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 9
Mean x 22.33
Mean y 25.22
RMS x 4
RMS y 5.613
side N [adc counts]
side P [adc counts]

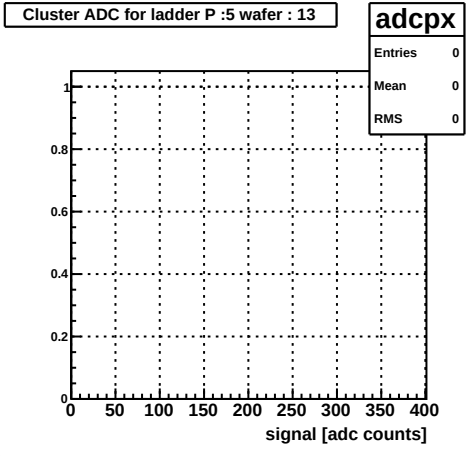

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9380
Mean 23.05
RMS 6.226
signal [adc counts]

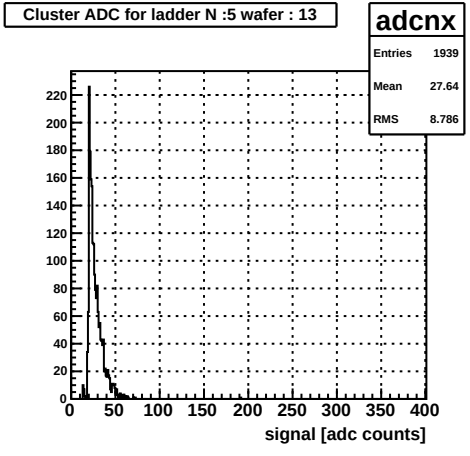

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1431
Mean 27.19
RMS 10.26
signal [adc counts]

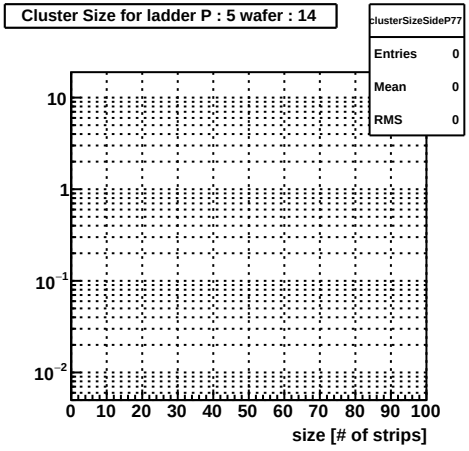

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

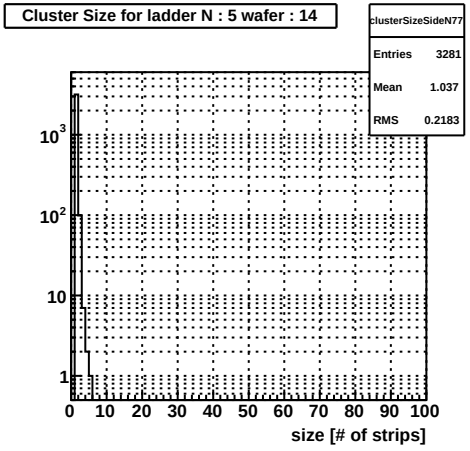

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1939
Mean 1.003
RMS 0.0963
size [# of strips]

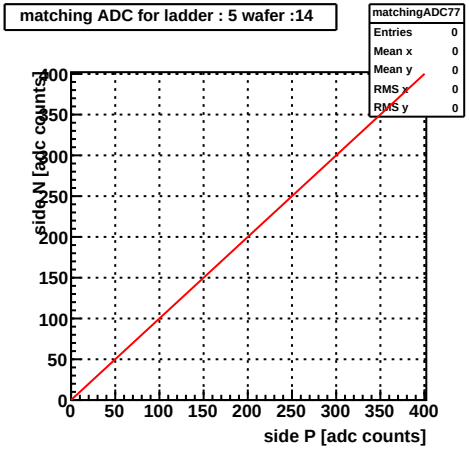

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

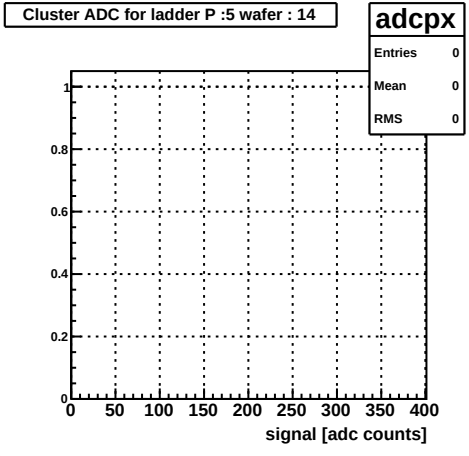

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

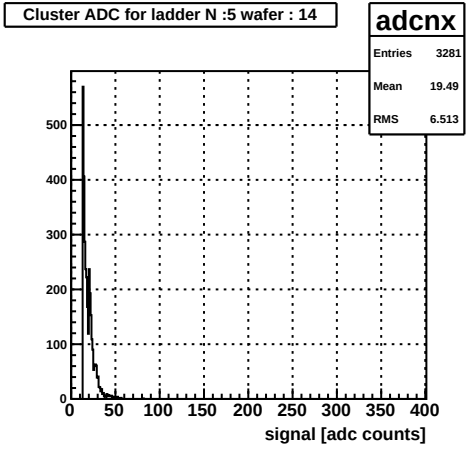

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1939
Mean 27.64
RMS 8.786
signal [adc counts]

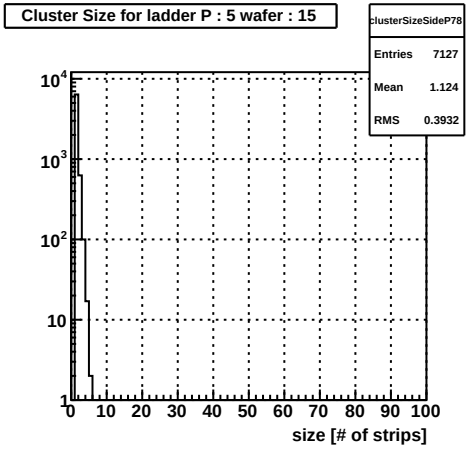

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

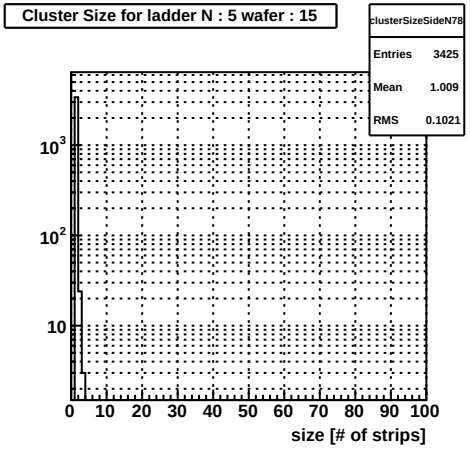

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3281
Mean 1.037
RMS 0.2183
size [# of strips]

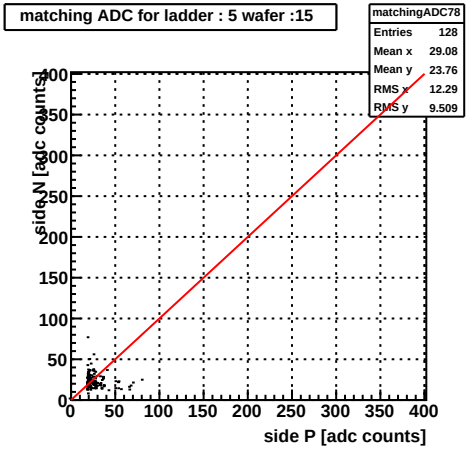

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

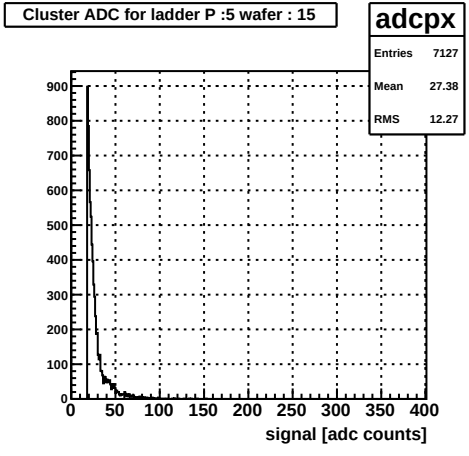

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

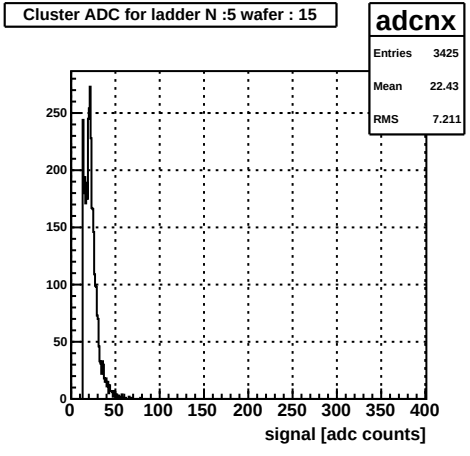

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3281
Mean 19.49
RMS 6.513
signal [adc counts]

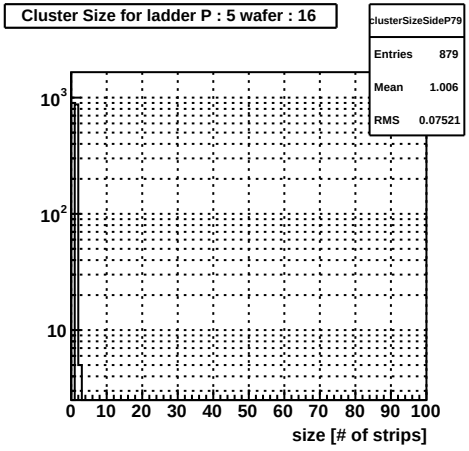

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7127
Mean 1.124
RMS 0.3932
size [# of strips]

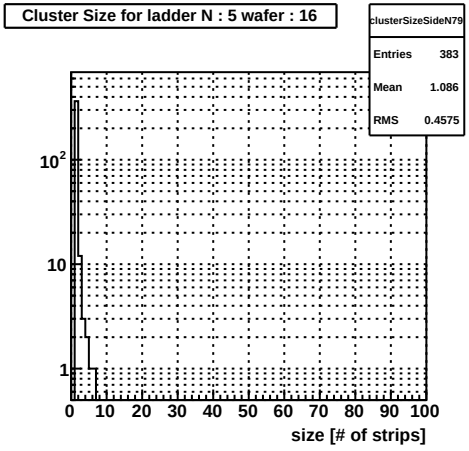

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3425
Mean 1.009
RMS 0.1021
size [# of strips]

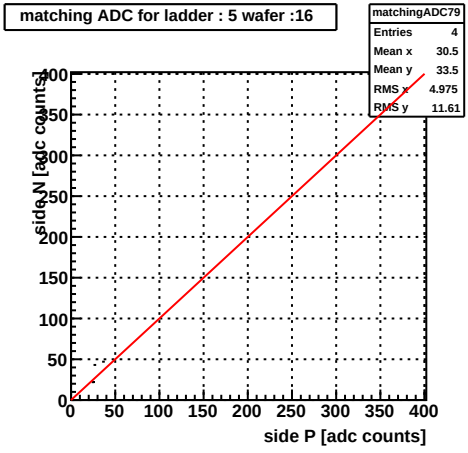

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 128
Mean x 29.08
Mean y 23.76
RMS x 12.29
RMS y 9.509
side N [adc counts]
side P [adc counts]

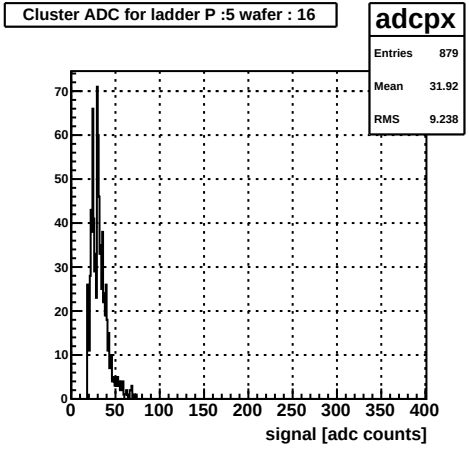

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7127
Mean 27.38
RMS 12.27
signal [adc counts]

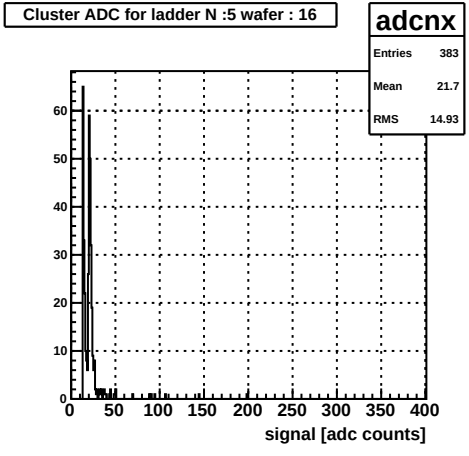

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3425
Mean 22.43
RMS 7.211
signal [adc counts]

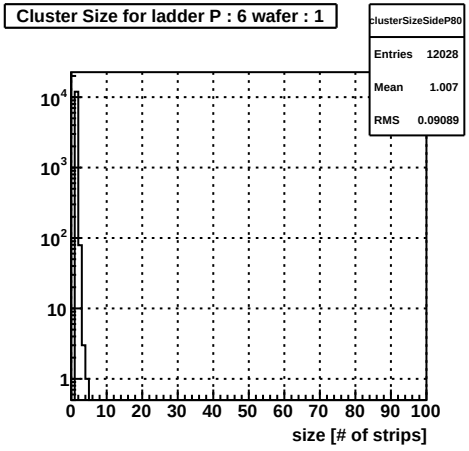

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 879
Mean 1.006
RMS 0.07521
size [# of strips]

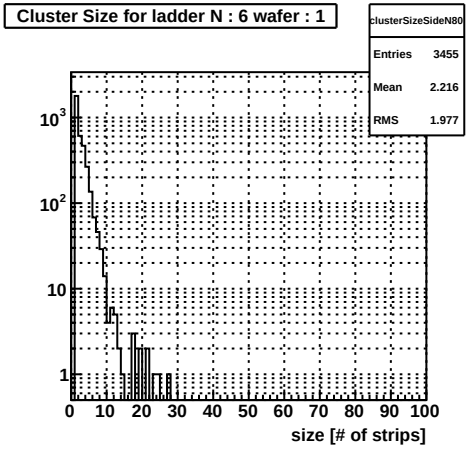

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 383
Mean 1.086
RMS 0.4575
size [# of strips]

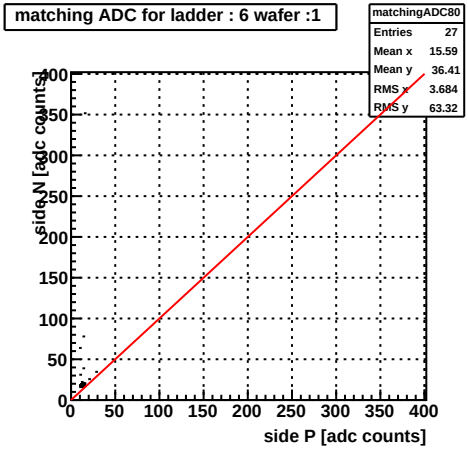

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 4
Mean x 30.5
Mean y 33.5
RMS x 4.975
RMS y 11.61
side N [adc counts]
side P [adc counts]

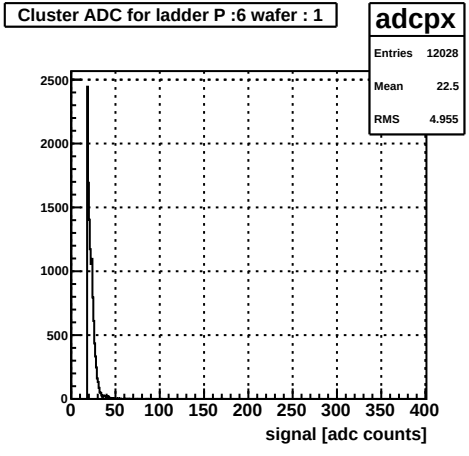

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 879
Mean 31.92
RMS 9.238
signal [adc counts]

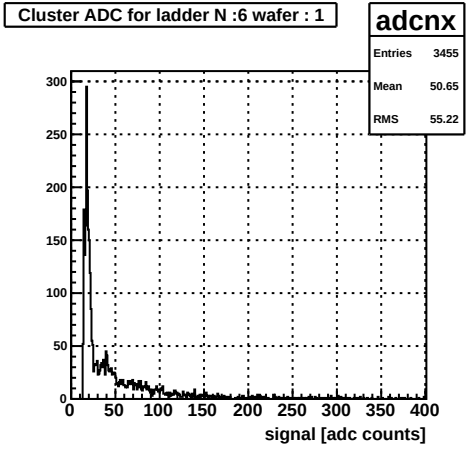

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 383
Mean 21.7
RMS 14.93
signal [adc counts]

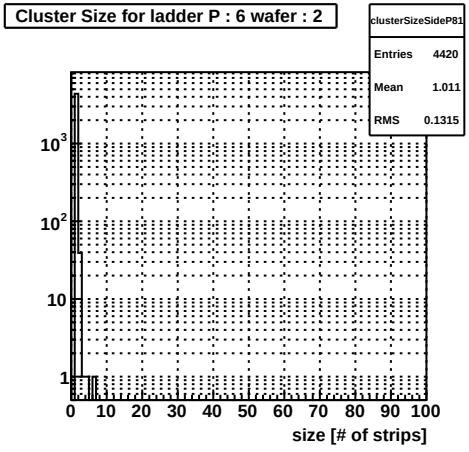

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 12028
Mean 1.007
RMS 0.09089
size [# of strips]

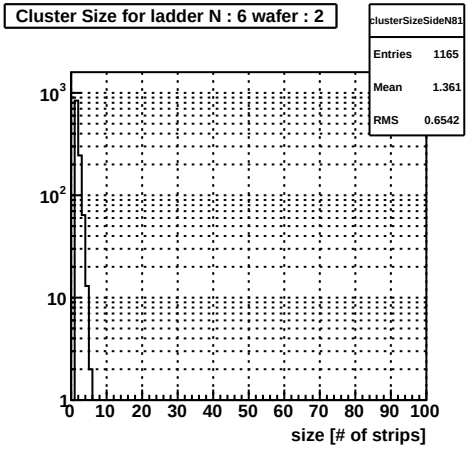

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3455
Mean 2.216
RMS 1.977
size [# of strips]

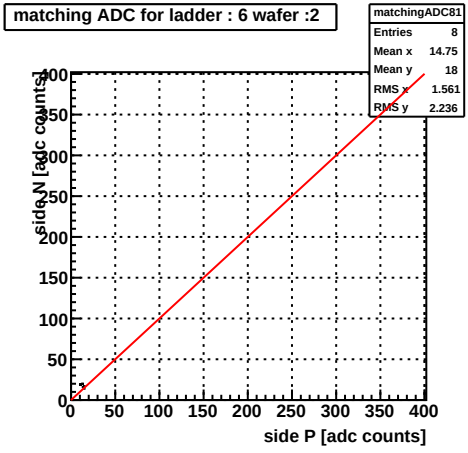

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 27
Mean x 15.59
Mean y 36.41
RMS x 3.684
RMS y 63.32
side N [adc counts]
side P [adc counts]

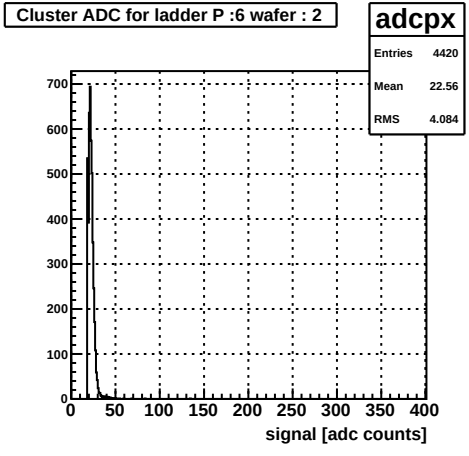

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 12028
Mean 22.5
RMS 4.955
signal [adc counts]

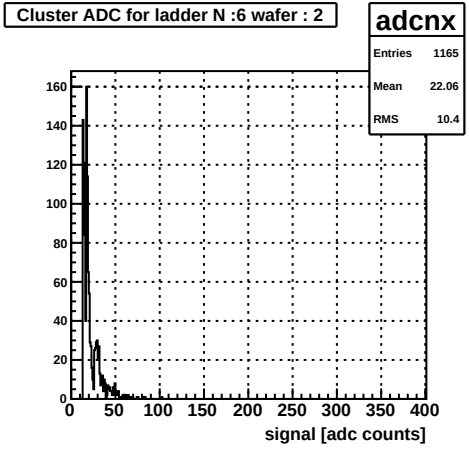

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3455
Mean 50.65
RMS 55.22
signal [adc counts]

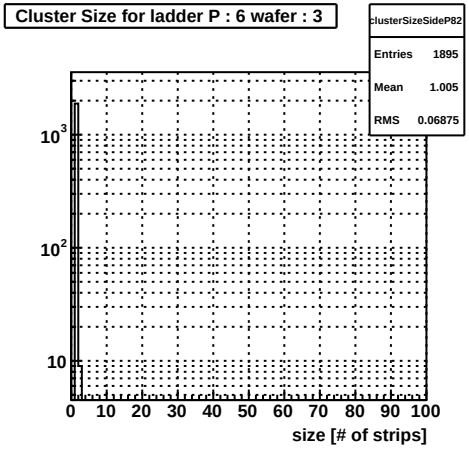

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4420
Mean 1.011
RMS 0.1315
size [# of strips]

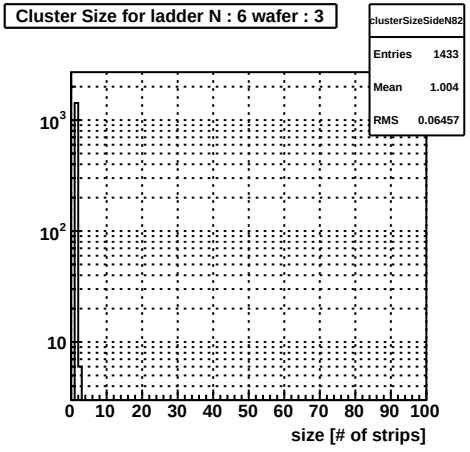

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1165
Mean 1.361
RMS 0.6542
size [# of strips]

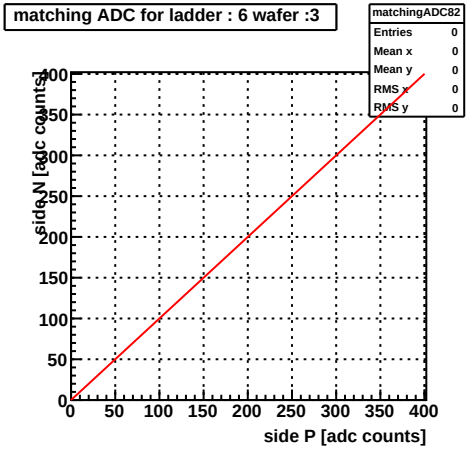

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 8
Mean x 14.75
Mean y 18
RMS x 1.561
RMS y 2.236
side N [adc counts]
side P [adc counts]

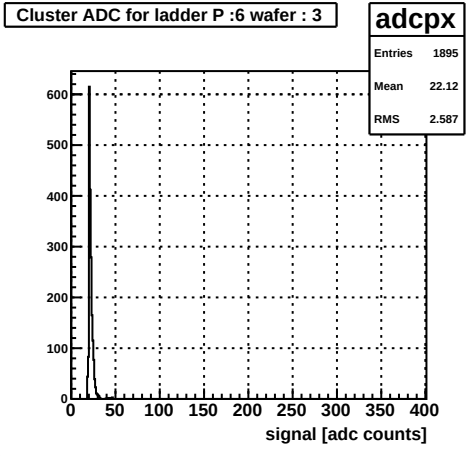

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4420
Mean 22.56
RMS 4.084
signal [adc counts]

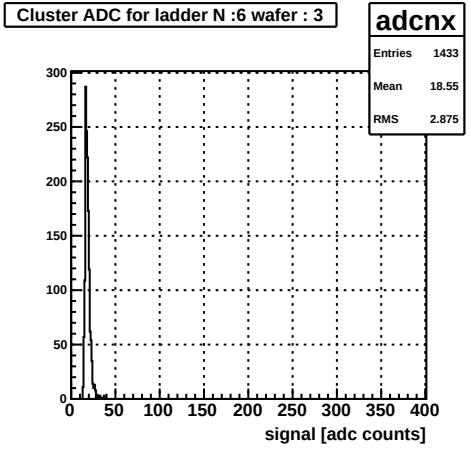

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1165
Mean 22.06
RMS 10.4
signal [adc counts]

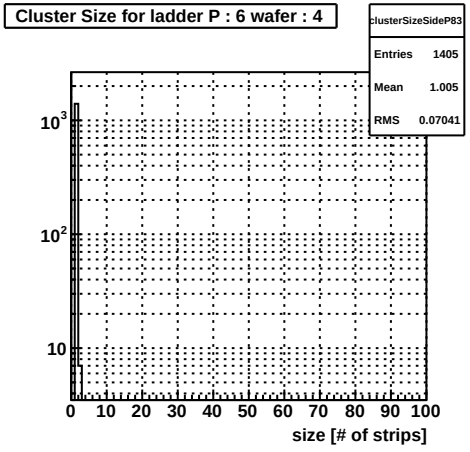

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1895
Mean 1.005
RMS 0.06875
size [# of strips]

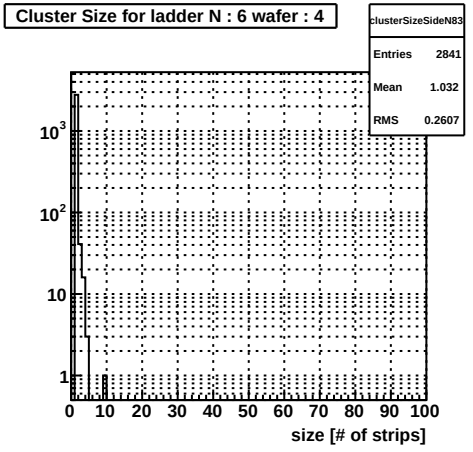

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1433
Mean 1.004
RMS 0.06457
size [# of strips]

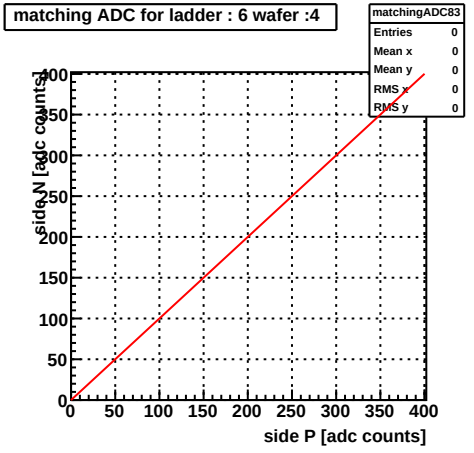

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

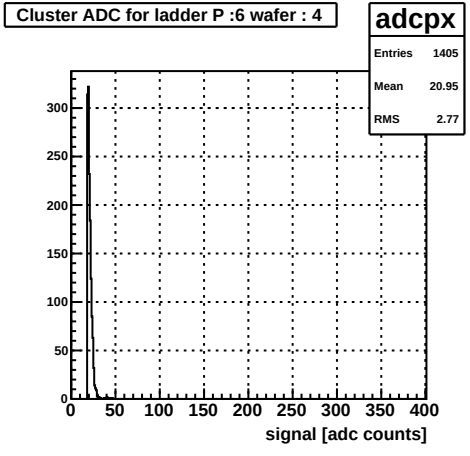

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1895
Mean 22.12
RMS 2.587
signal [adc counts]

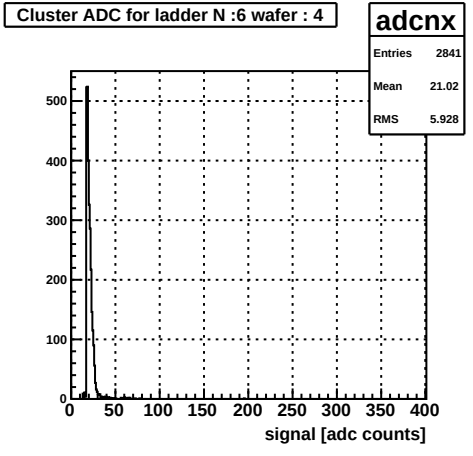

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1433
Mean 18.55
RMS 2.875
signal [adc counts]

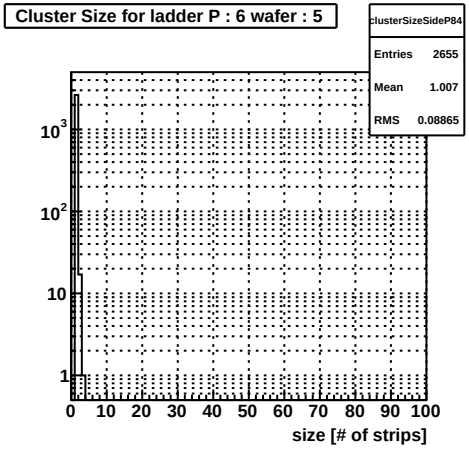

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1405
Mean 1.005
RMS 0.07041
size [# of strips]

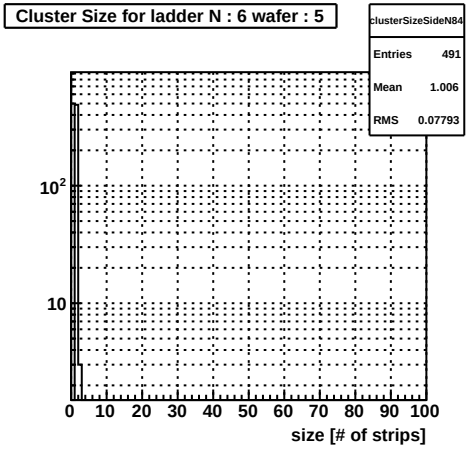

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2841
Mean 1.032
RMS 0.2607
size [# of strips]

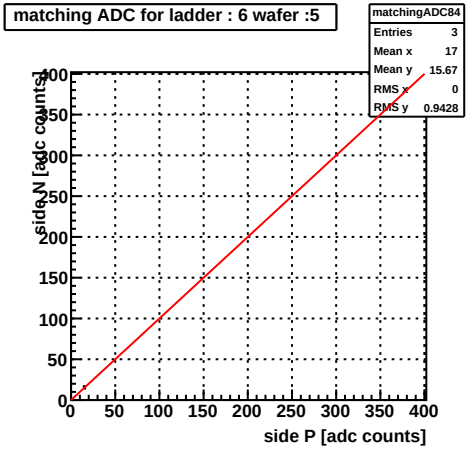

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

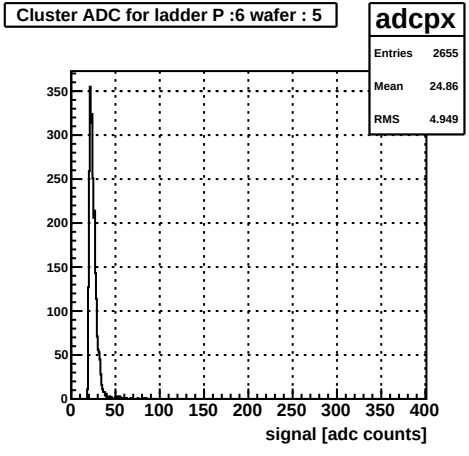

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1405
Mean 20.95
RMS 2.77
signal [adc counts]

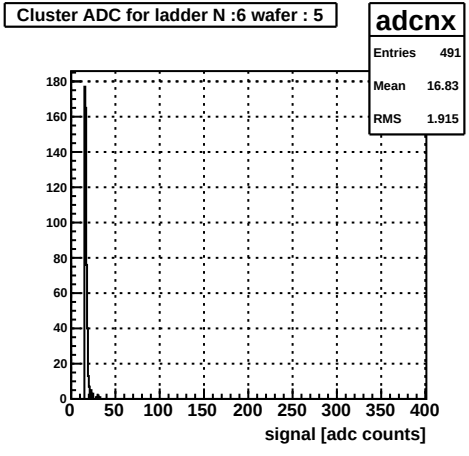

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2841
Mean 21.02
RMS 5.928
signal [adc counts]

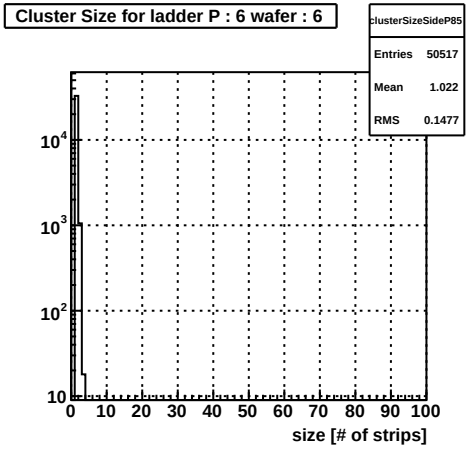

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2655
Mean 1.007
RMS 0.08865
size [# of strips]

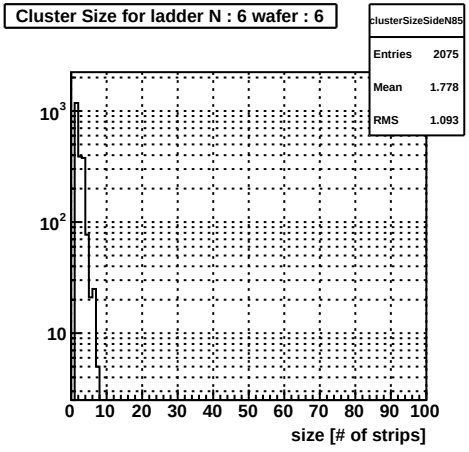

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 491
Mean 1.006
RMS 0.07793
size [# of strips]

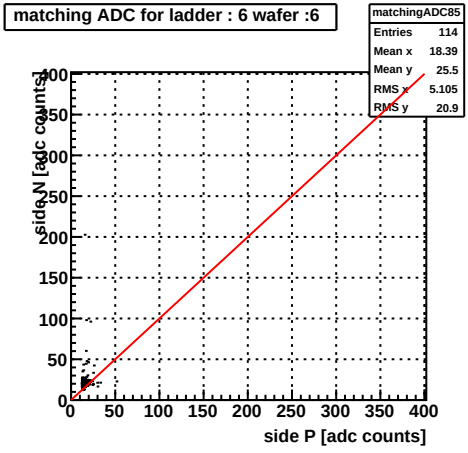

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 3
Mean x 17
Mean y 15.67
RMS x 0
RMS y 0.9428
side N [adc counts]
side P [adc counts]

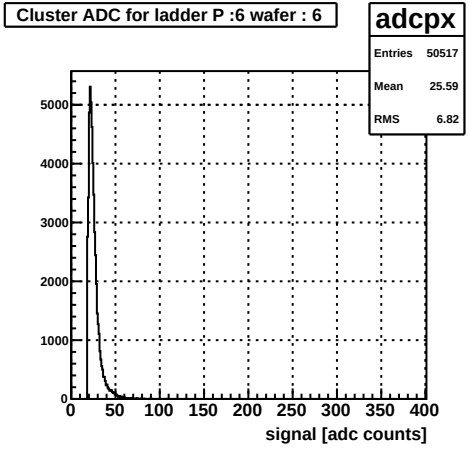

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2655
Mean 24.86
RMS 4.949
signal [adc counts]

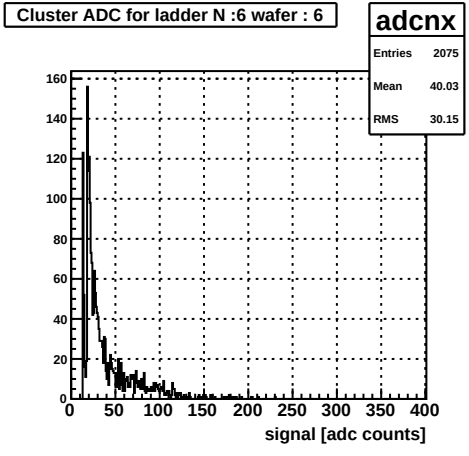

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 491
Mean 16.83
RMS 1.915
signal [adc counts]

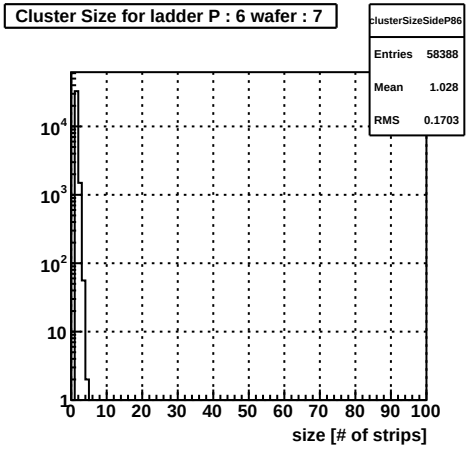

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 50517
Mean 1.022
RMS 0.1477
size [# of strips]

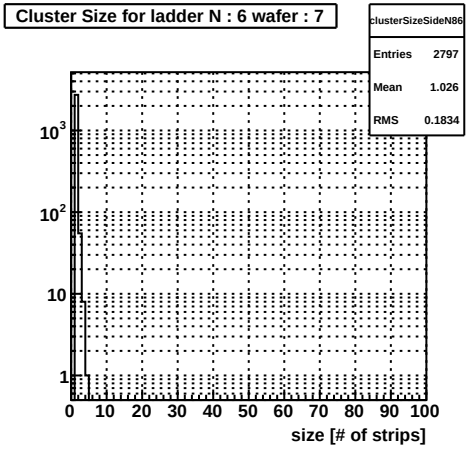

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2075
Mean 1.778
RMS 1.093
size [# of strips]

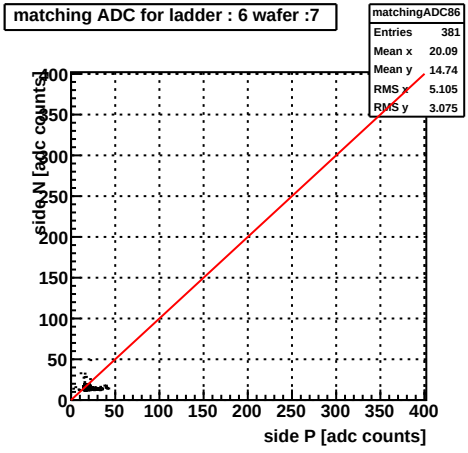

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 114
Mean x 18.39
Mean y 25.5
RMS x 5.105
RMS y 20.9
side N [adc counts]
side P [adc counts]

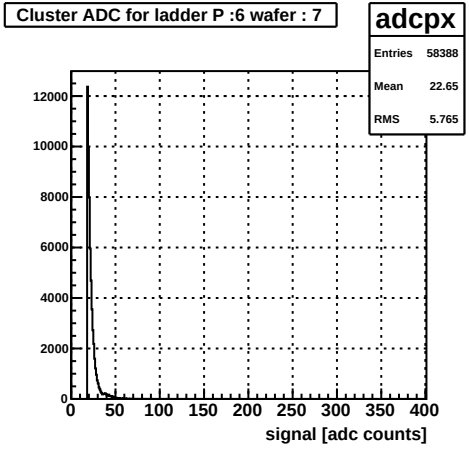

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 50517
Mean 25.59
RMS 6.82
signal [adc counts]

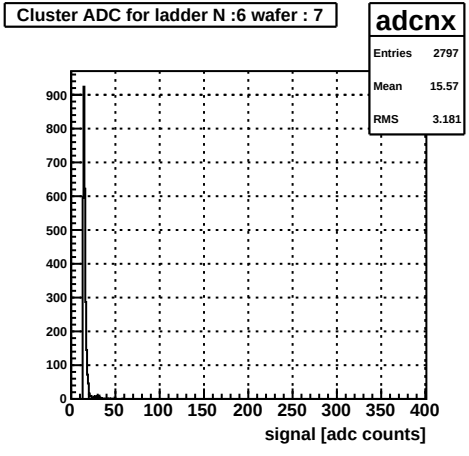

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2075
Mean 40.03
RMS 30.15
signal [adc counts]

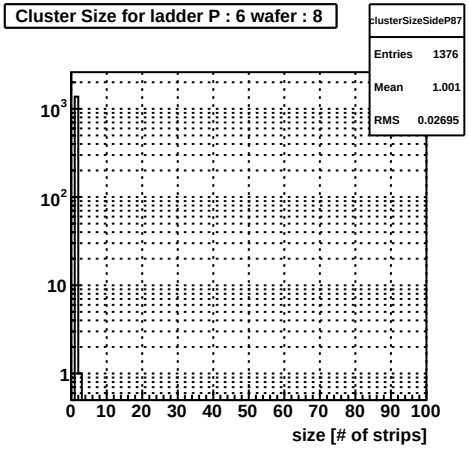

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 58388
Mean 1.028
RMS 0.1703
size [# of strips]

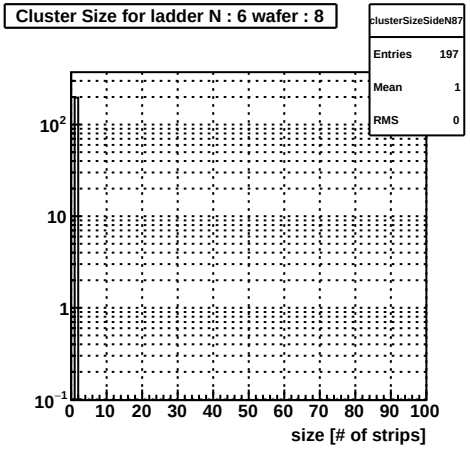

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2797
Mean 1.026
RMS 0.1834
size [# of strips]

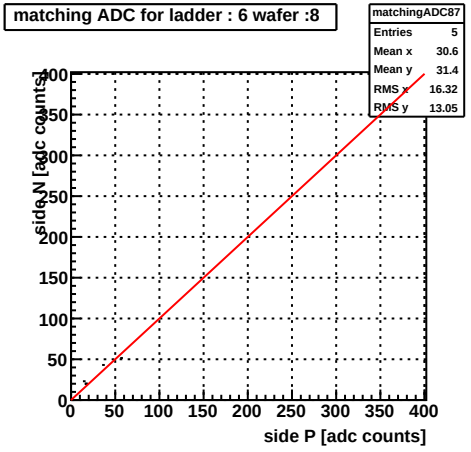

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 381
Mean x 20.09
Mean y 14.74
RMS x 5.105
RMS y 3.075
side N [adc counts]
side P [adc counts]

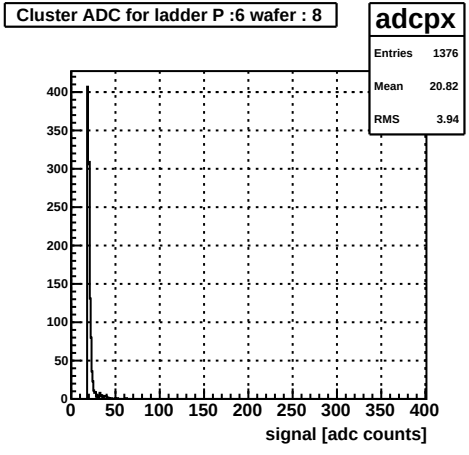

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 58388
Mean 22.65
RMS 5.765
signal [adc counts]

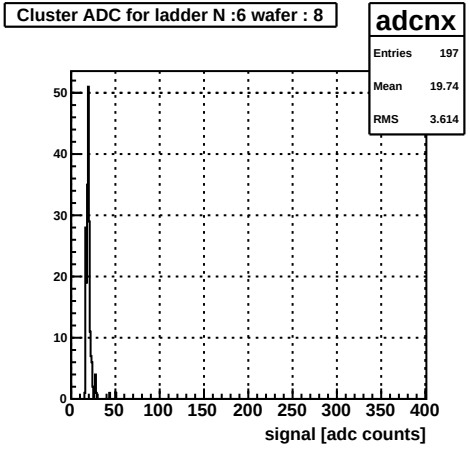

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2797
Mean 15.57
RMS 3.181
signal [adc counts]

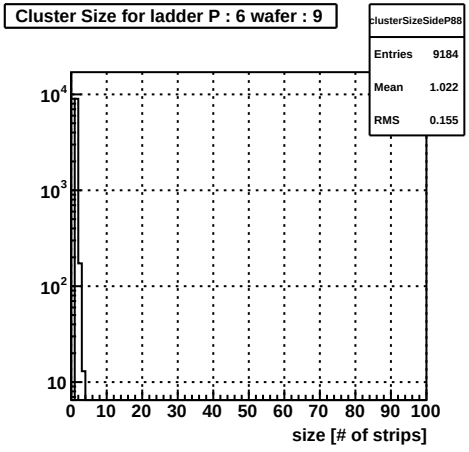

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1376
Mean 1.001
RMS 0.02695
size [# of strips]

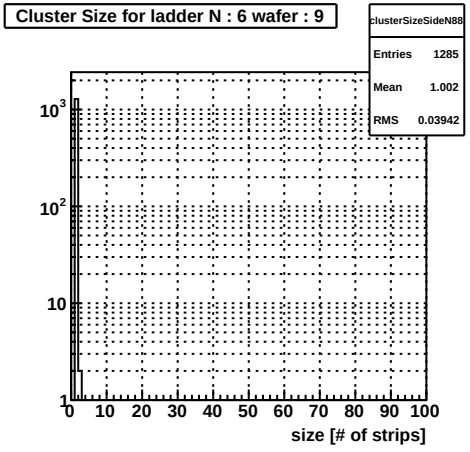

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 197
Mean 1
RMS 0
size [# of strips]

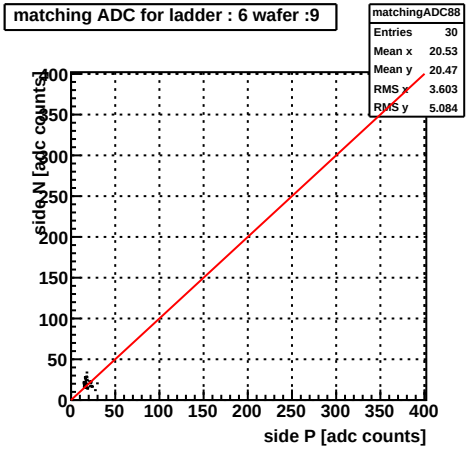

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 5
Mean x 30.6
Mean y 31.4
RMS x 16.32
RMS y 13.05
side N [adc counts]
side P [adc counts]

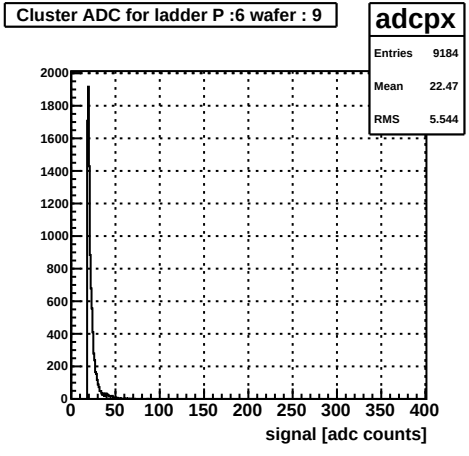

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1376
Mean 20.82
RMS 3.94
signal [adc counts]

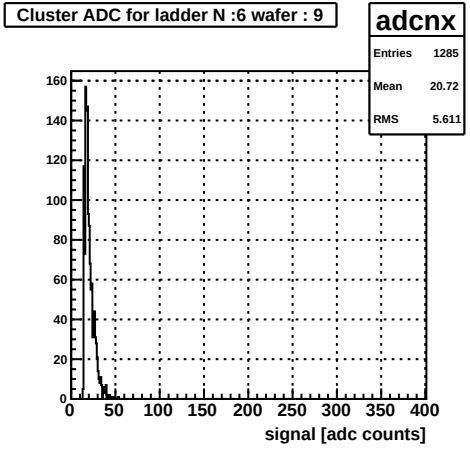

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 197
Mean 19.74
RMS 3.614
signal [adc counts]

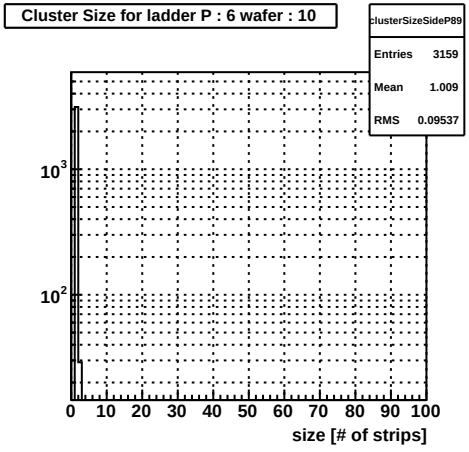

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 9184
Mean 1.022
RMS 0.155
size [# of strips]

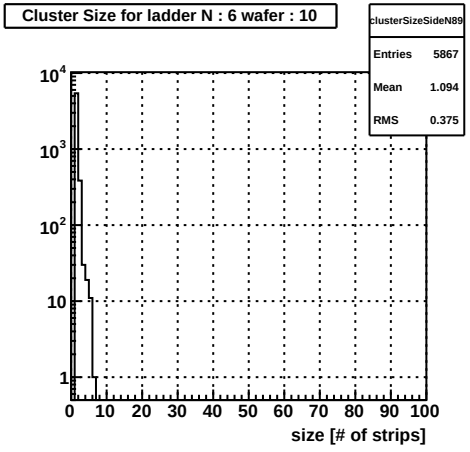

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1285
Mean 1.002
RMS 0.03942
size [# of strips]

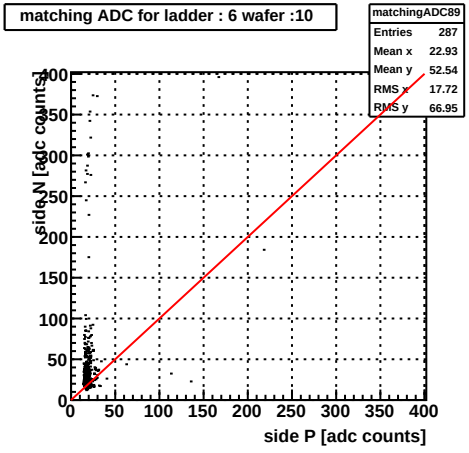

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 30
Mean x 20.53
Mean y 20.47
RMS x 3.603
RMS y 5.084
side N [adc counts]
side P [adc counts]

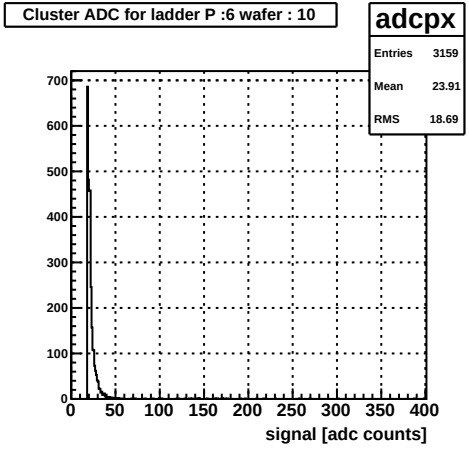

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 9184
Mean 22.47
RMS 5.544
signal [adc counts]

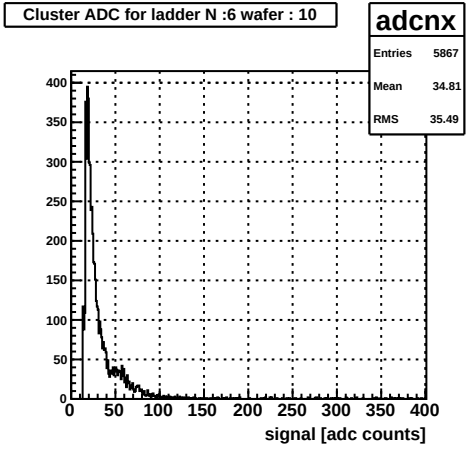

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1285
Mean 20.72
RMS 5.611
signal [adc counts]

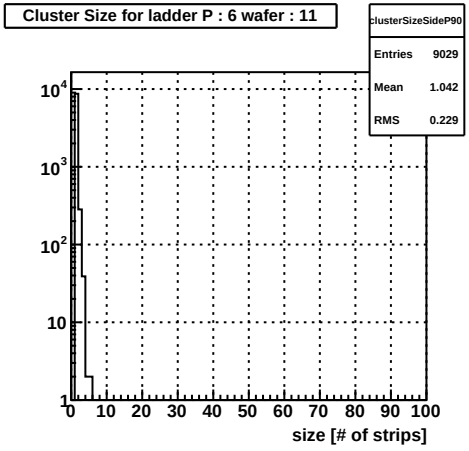

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3159
Mean 1.009
RMS 0.09537
size [# of strips]

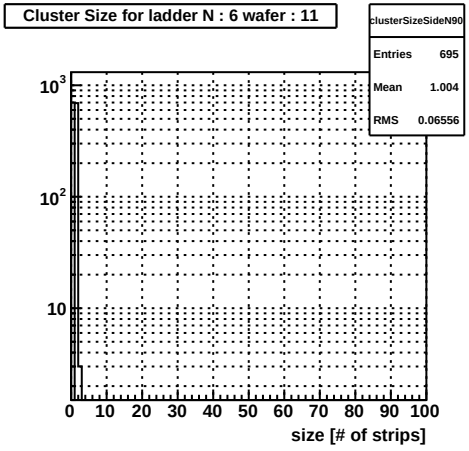

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5867
Mean 1.094
RMS 0.375
size [# of strips]

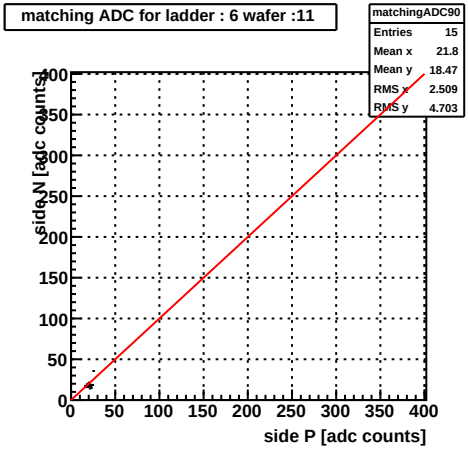

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 287
Mean x 22.93
Mean y 52.54
RMS x 17.72
RMS y 66.95
side N [adc counts]
side P [adc counts]

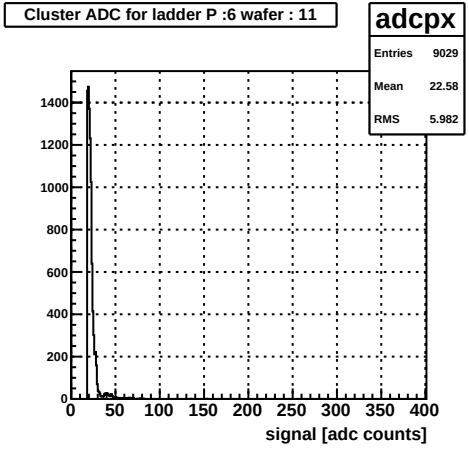

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3159
Mean 23.91
RMS 18.69
signal [adc counts]

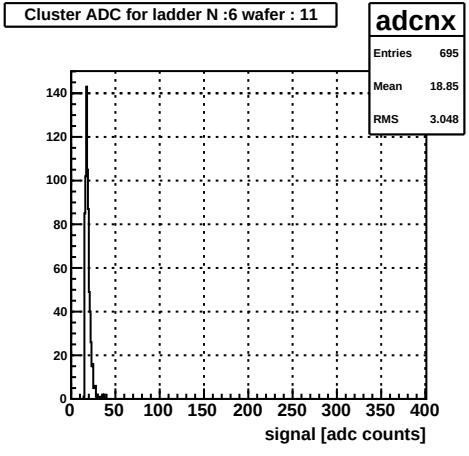

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5867
Mean 34.81
RMS 35.49
signal [adc counts]

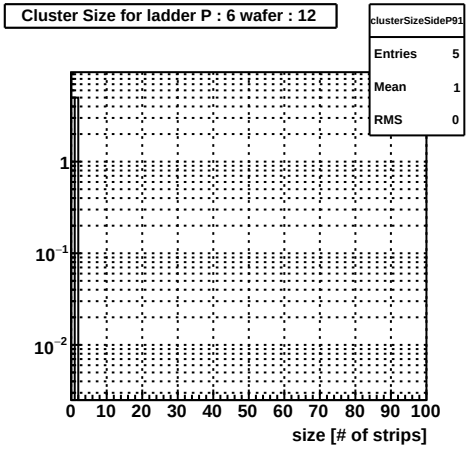

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9029
Mean 1.042
RMS 0.229
size [# of strips]

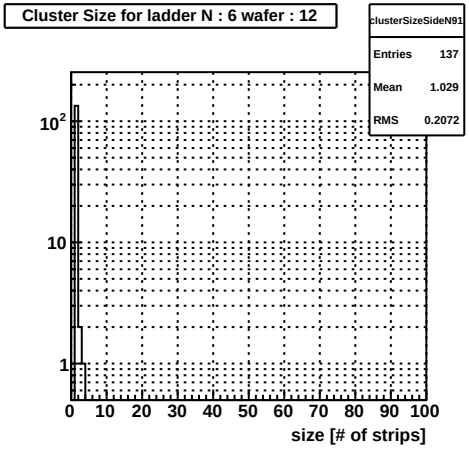

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 695
Mean 1.004
RMS 0.06556
size [# of strips]

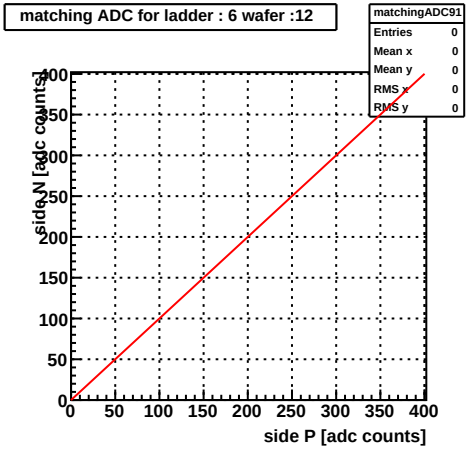

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 15
Mean x 21.8
Mean y 18.47
RMS x 2.509
RMS y 4.703
side N [adc counts]
side P [adc counts]

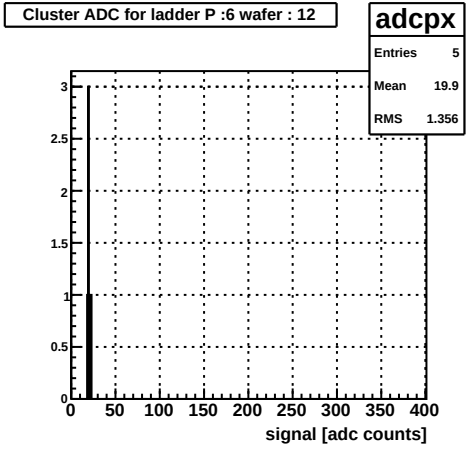

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9029
Mean 22.58
RMS 5.982
signal [adc counts]

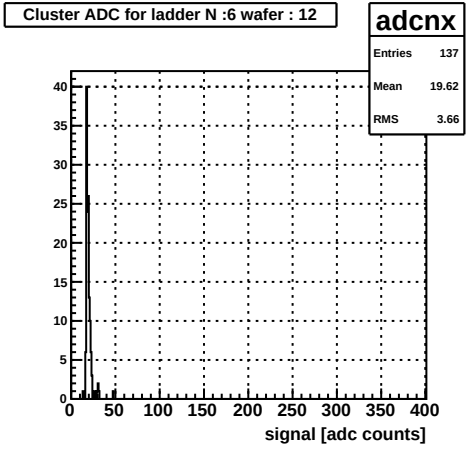

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 695
Mean 18.85
RMS 3.048
signal [adc counts]

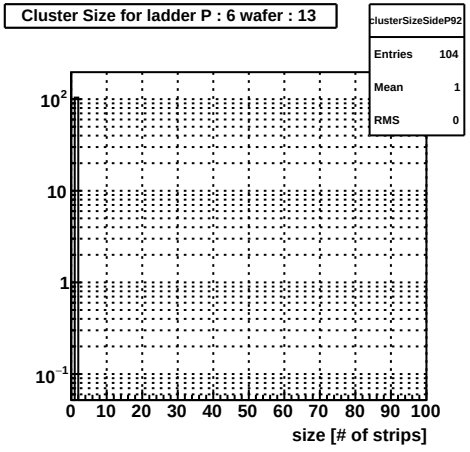

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1
RMS 0
size [# of strips]

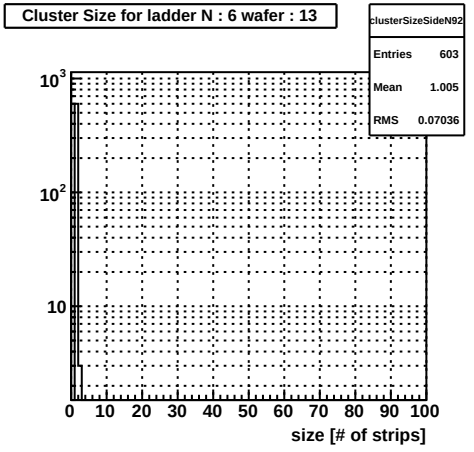

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 137
Mean 1.029
RMS 0.2072
size [# of strips]

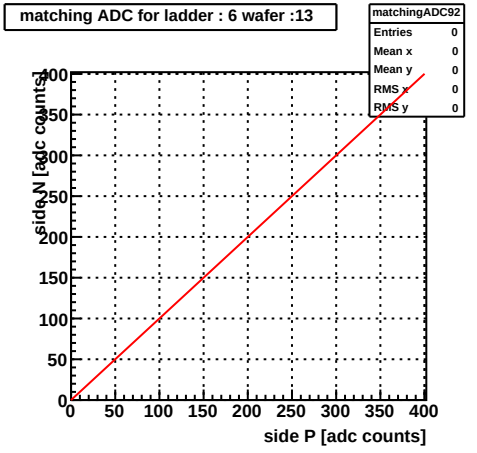

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

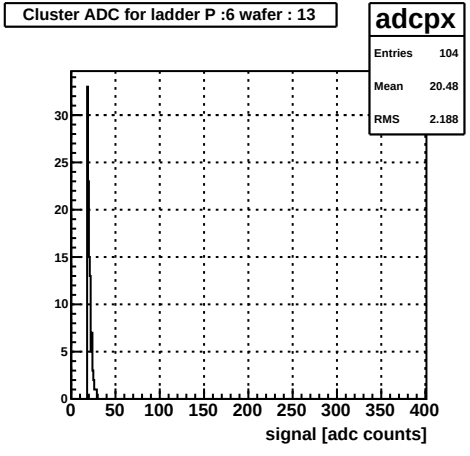

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 19.9
RMS 1.356
signal [adc counts]

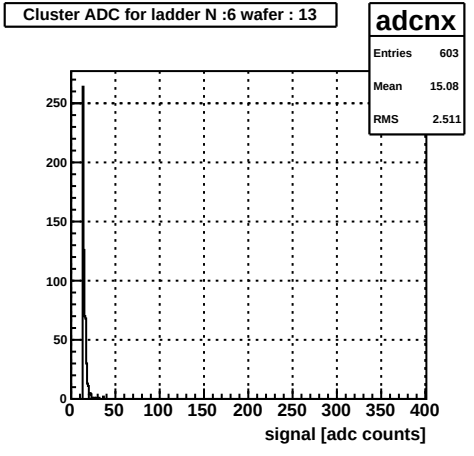

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 137
Mean 19.62
RMS 3.66
signal [adc counts]

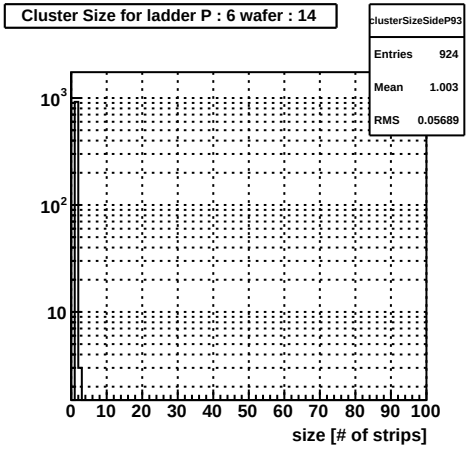

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 104
Mean 1
RMS 0
size [# of strips]

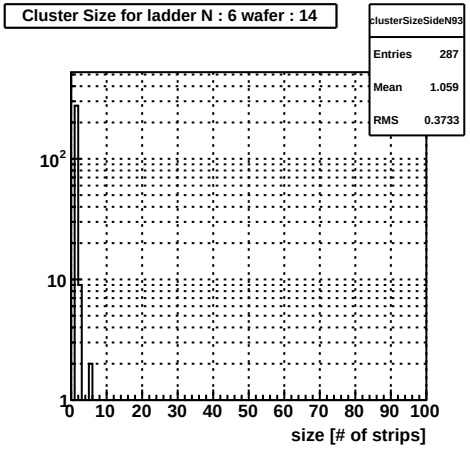

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 603
Mean 1.005
RMS 0.07036
size [# of strips]

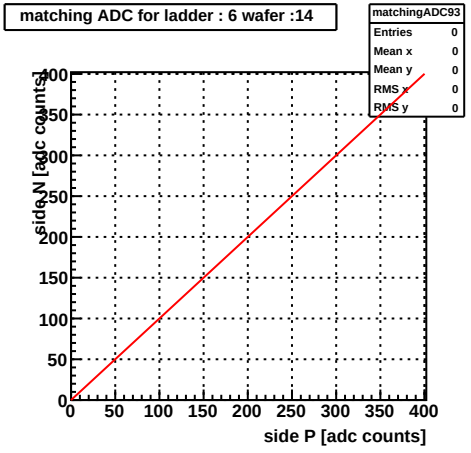

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

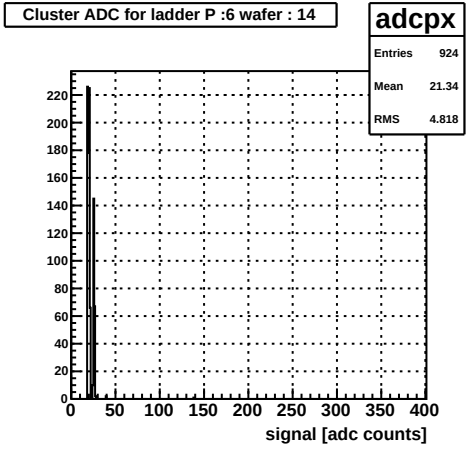

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 104
Mean 20.48
RMS 2.188
signal [adc counts]

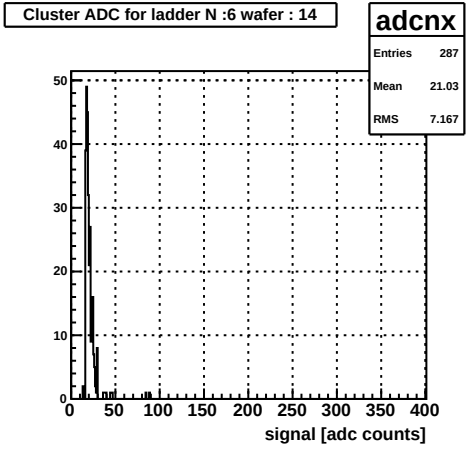

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 603
Mean 15.08
RMS 2.511
signal [adc counts]

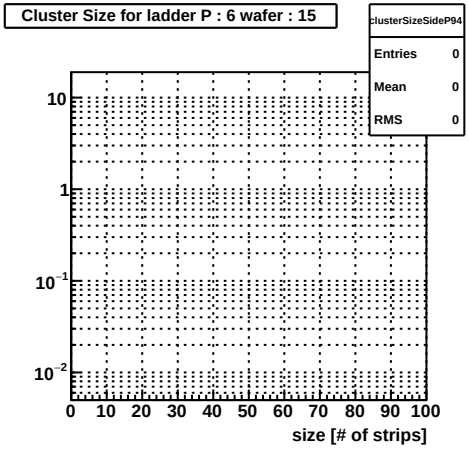

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 924
Mean 1.003
RMS 0.05689
size [# of strips]

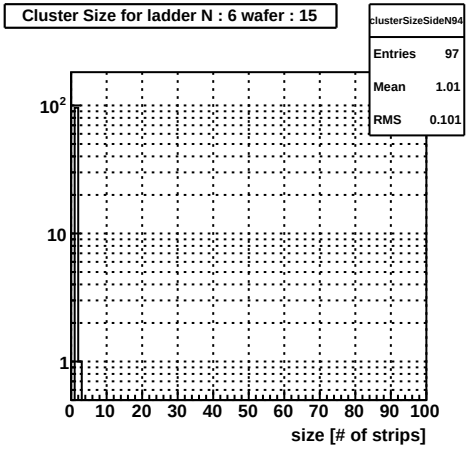

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 287
Mean 1.059
RMS 0.3733
size [# of strips]

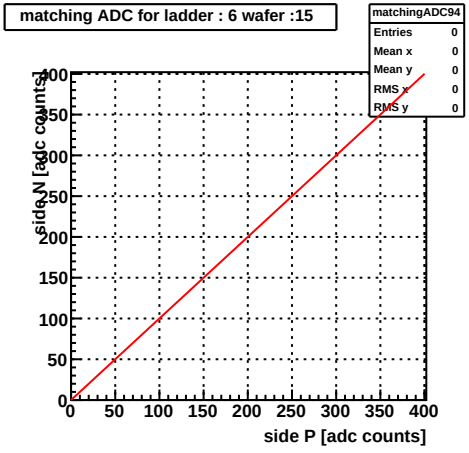

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

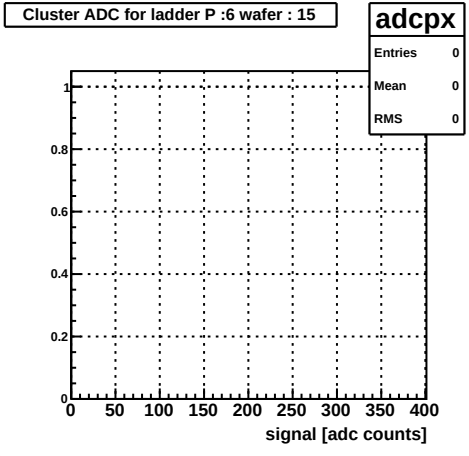

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 924
Mean 21.34
RMS 4.818
signal [adc counts]

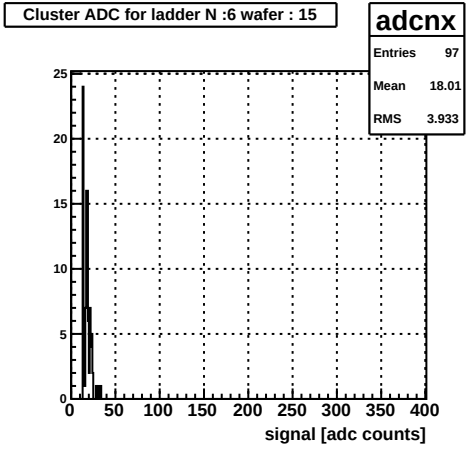

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 287
Mean 21.03
RMS 7.167
signal [adc counts]

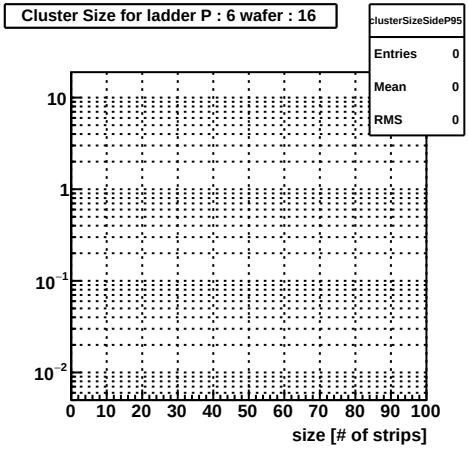

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

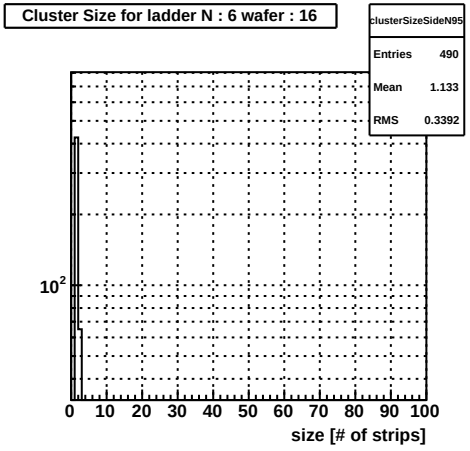

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 97
Mean 1.01
RMS 0.101
size [# of strips]

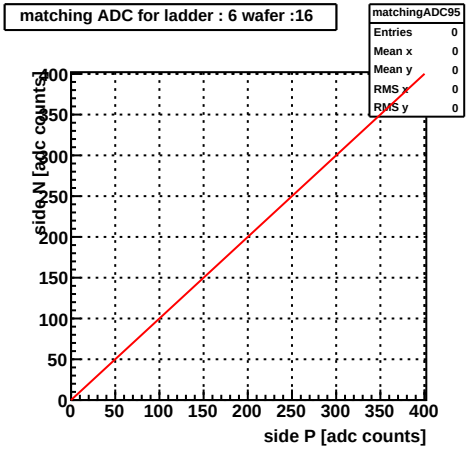

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

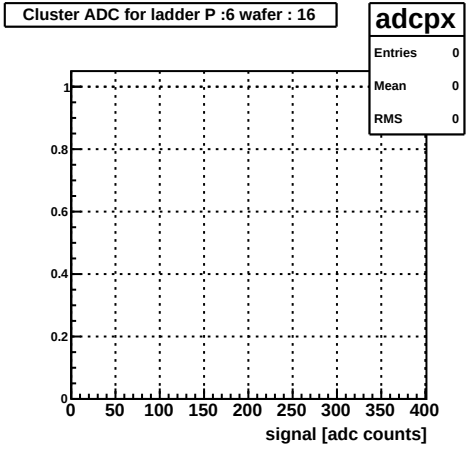

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

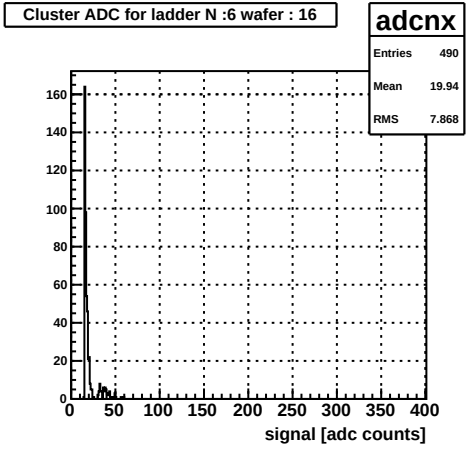

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 97
Mean 18.01
RMS 3.933
signal [adc counts]

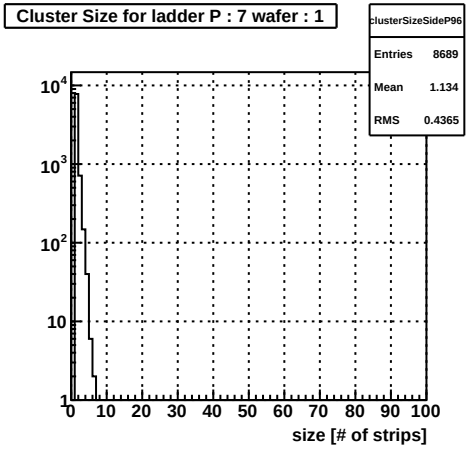

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

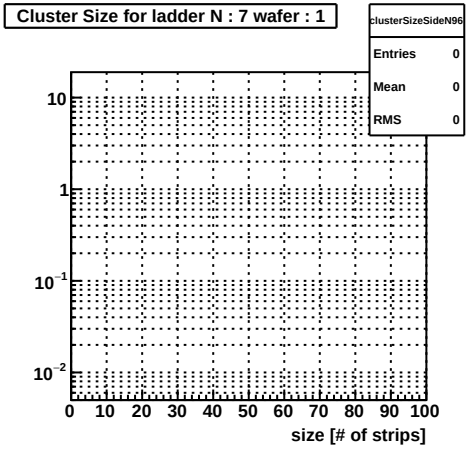

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 490
Mean 1.133
RMS 0.3392
size [# of strips]

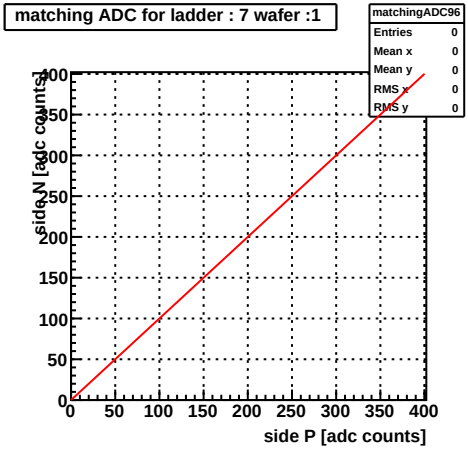

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

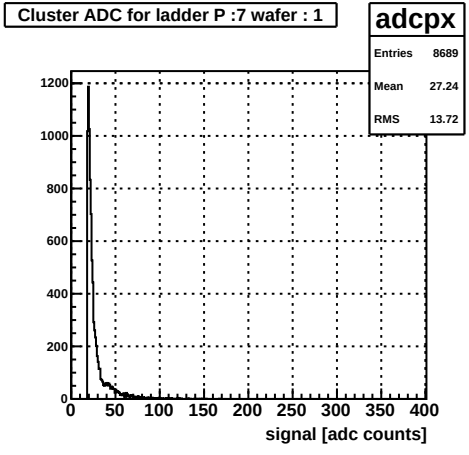

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

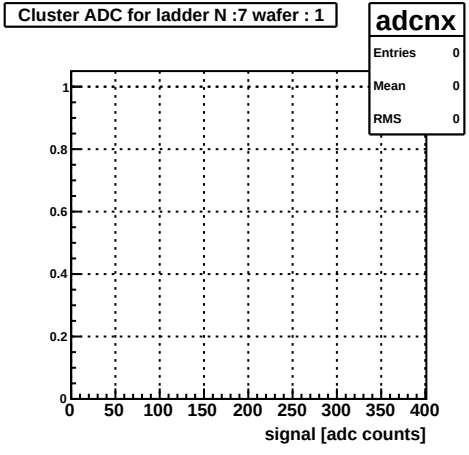

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 490
Mean 19.94
RMS 7.868
signal [adc counts]

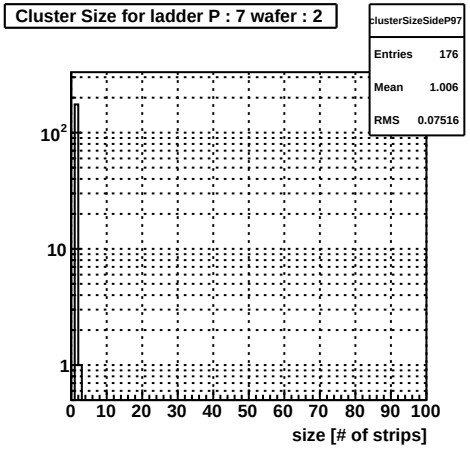

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8689
Mean 1.134
RMS 0.4365
size [# of strips]

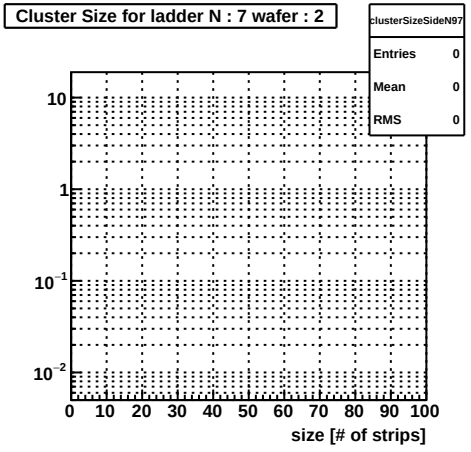

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

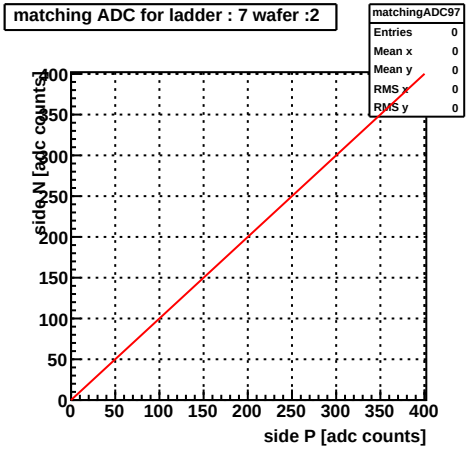

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

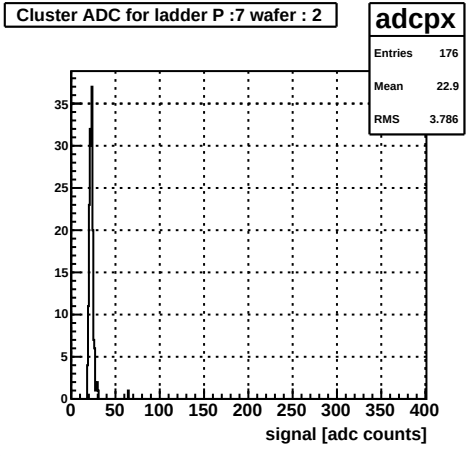

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8689
Mean 27.24
RMS 13.72
signal [adc counts]

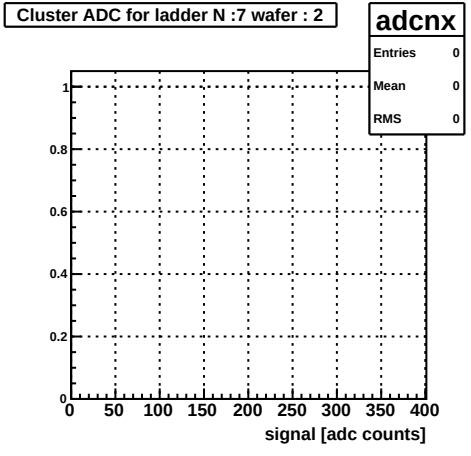

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

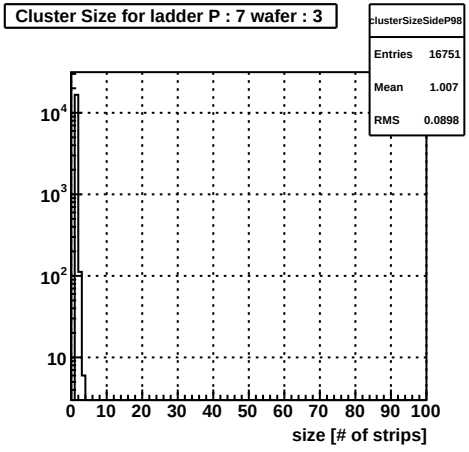

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 176
Mean 1.006
RMS 0.07516
size [# of strips]

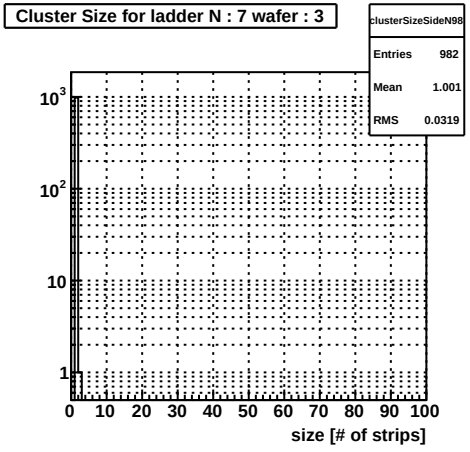

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

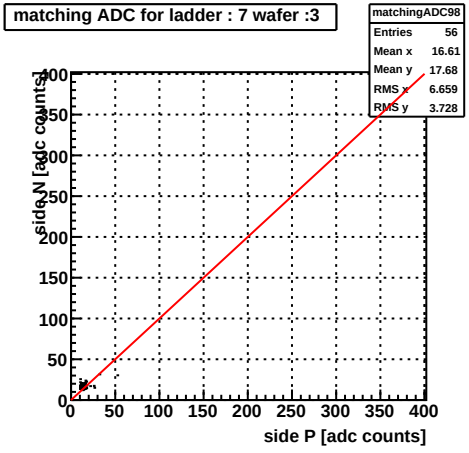

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

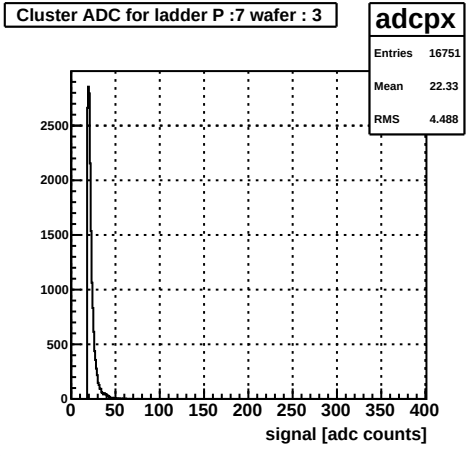

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 176
Mean 22.9
RMS 3.786
signal [adc counts]

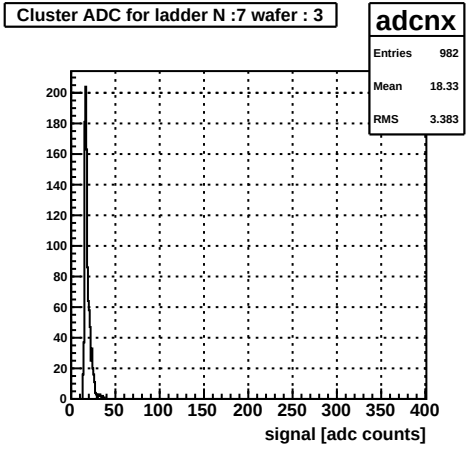

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

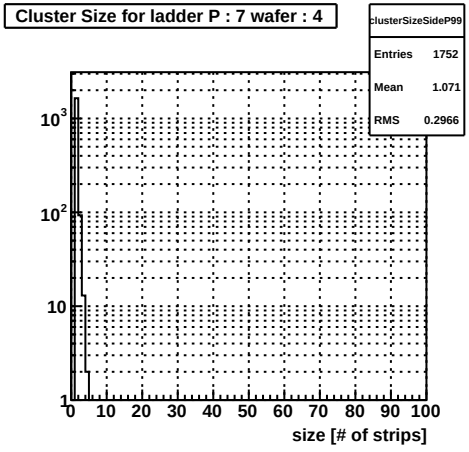

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 16751
Mean 1.007
RMS 0.0898
size [# of strips]

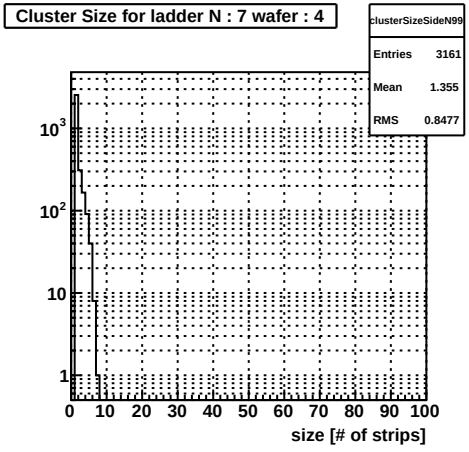

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 982
Mean 1.001
RMS 0.0319
size [# of strips]

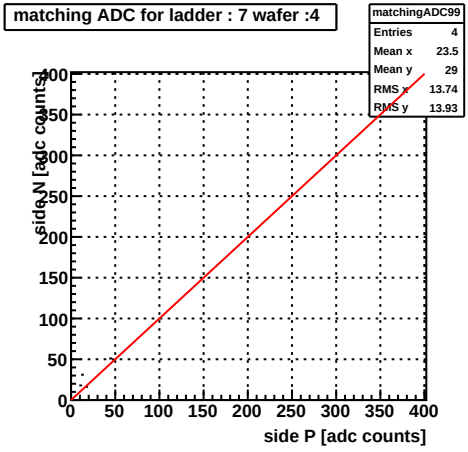

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 56
Mean x 16.61
Mean y 17.68
RMS x 6.659
RMS y 3.728
side N [adc counts]
side P [adc counts]

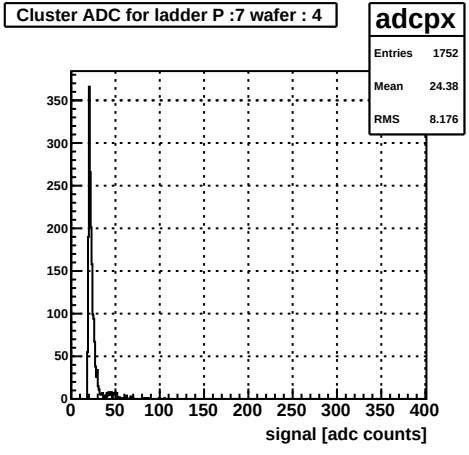

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 16751
Mean 22.33
RMS 4.488
signal [adc counts]

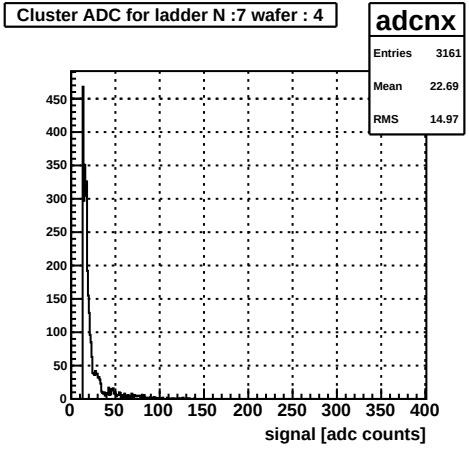

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 982
Mean 18.33
RMS 3.383
signal [adc counts]

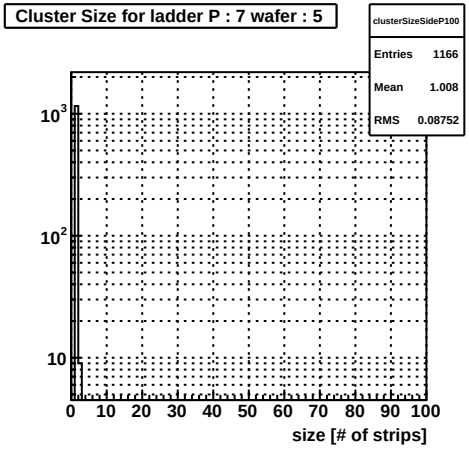

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1752
Mean 1.071
RMS 0.2966
size [# of strips]

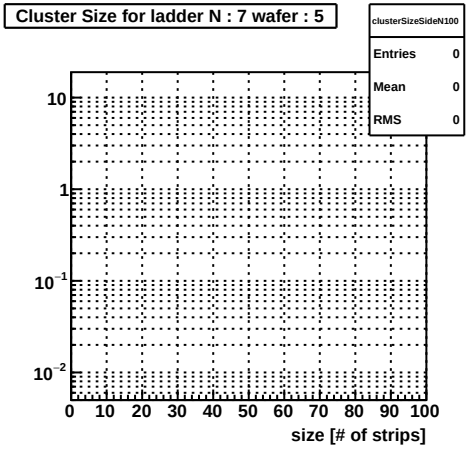

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3161
Mean 1.355
RMS 0.8477
size [# of strips]

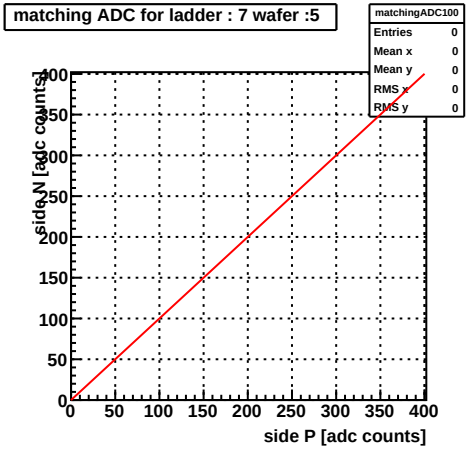

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 4
Mean x 23.5
Mean y 29
RMS x 13.74
RMS y 13.93
side N [adc counts]
side P [adc counts]

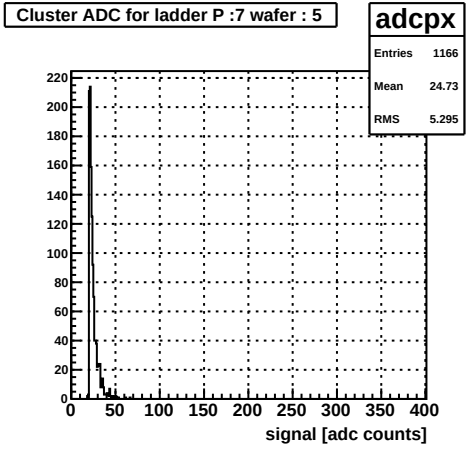

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1752
Mean 24.38
RMS 8.176
signal [adc counts]

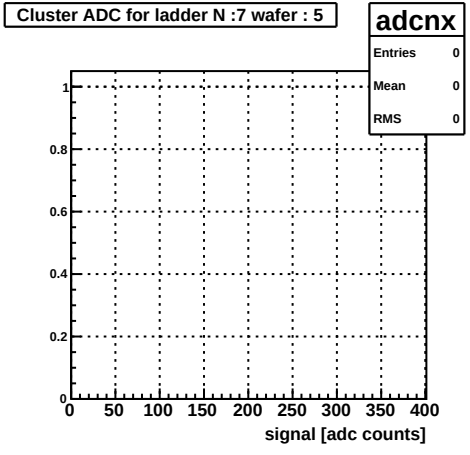

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3161
Mean 22.69
RMS 14.97
signal [adc counts]

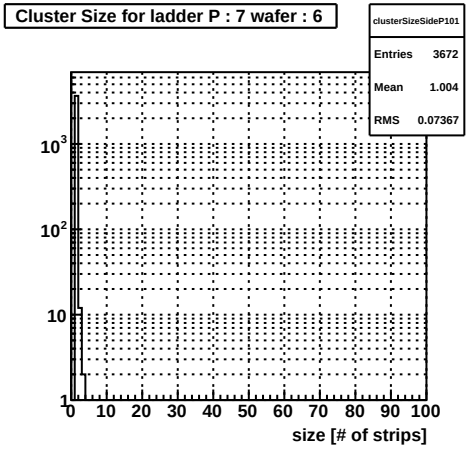

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1166
Mean 1.008
RMS 0.08752
size [# of strips]

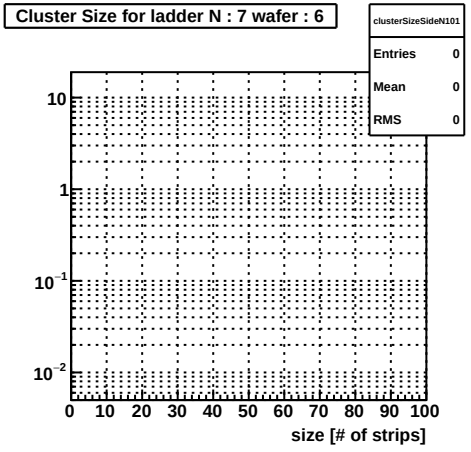

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

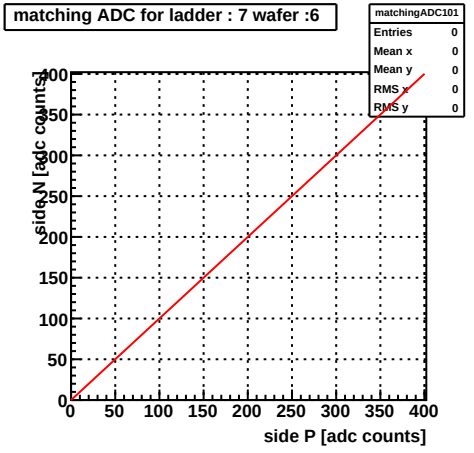

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

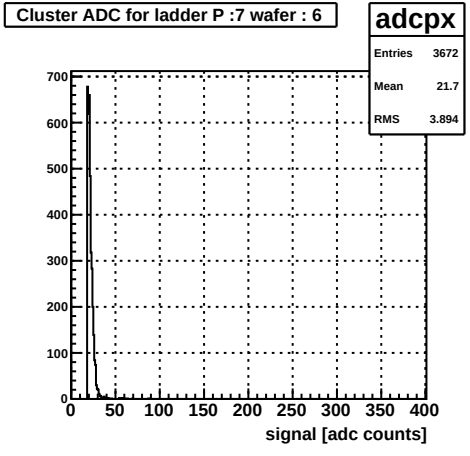

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1166
Mean 24.73
RMS 5.295
signal [adc counts]

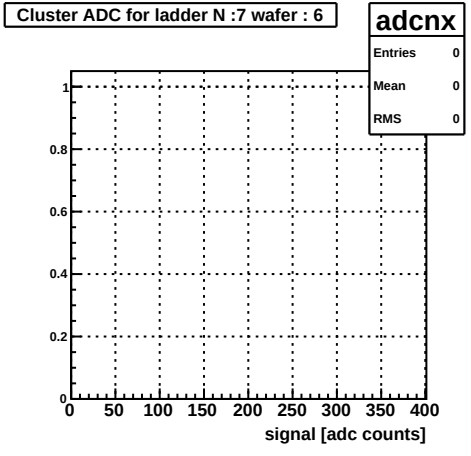

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

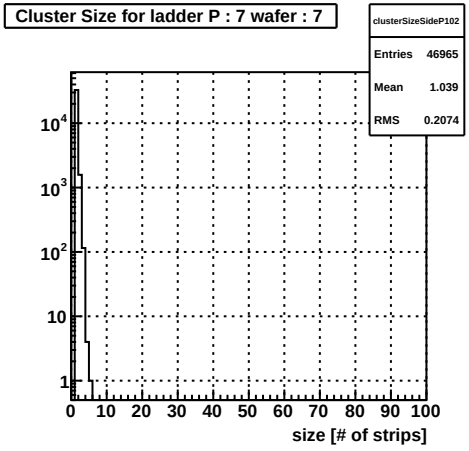

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3672
Mean 1.004
RMS 0.07367
size [# of strips]

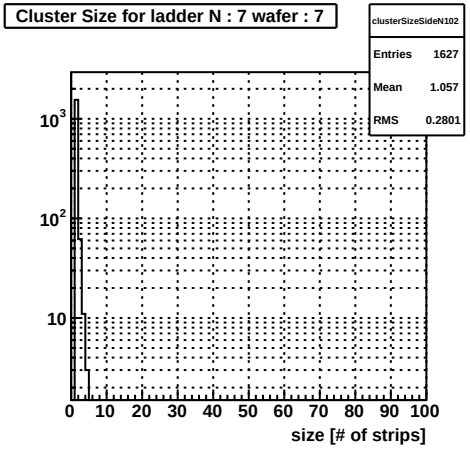

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

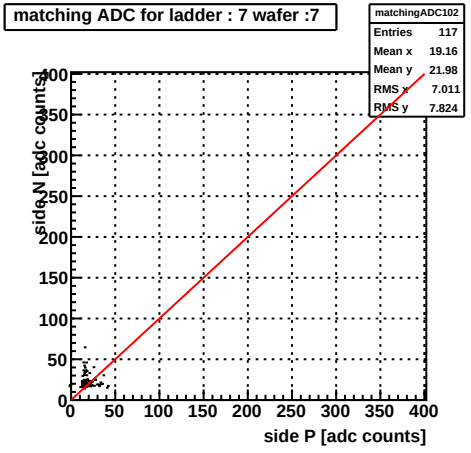

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

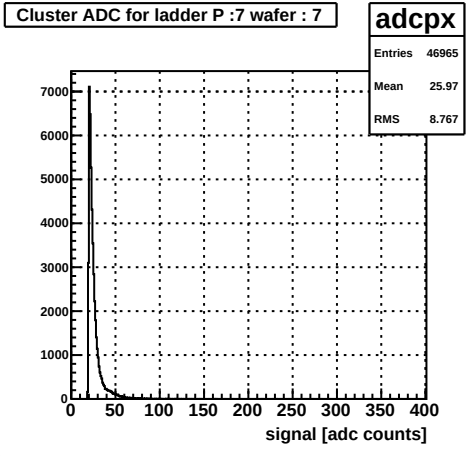

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3672
Mean 21.7
RMS 3.894
signal [adc counts]

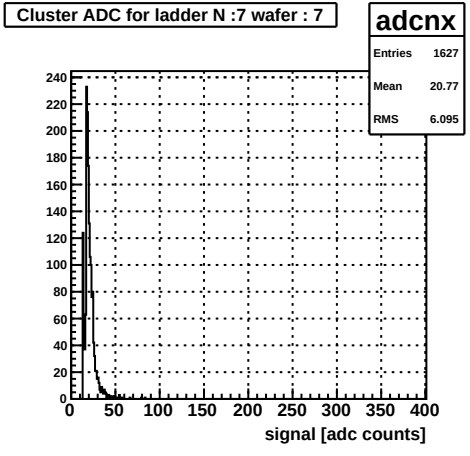

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

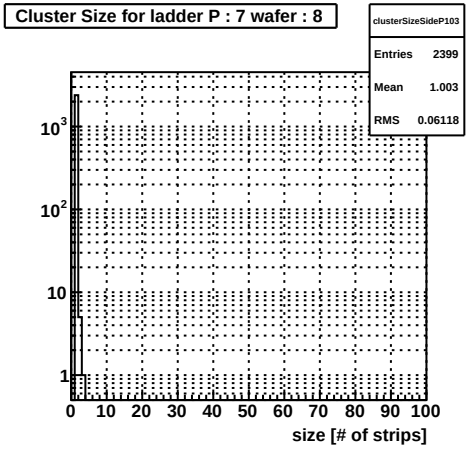

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 46965
Mean 1.039
RMS 0.2074
size [# of strips]

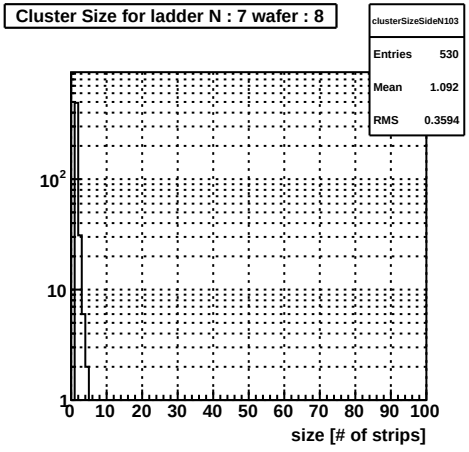

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1627
Mean 1.057
RMS 0.2801
size [# of strips]

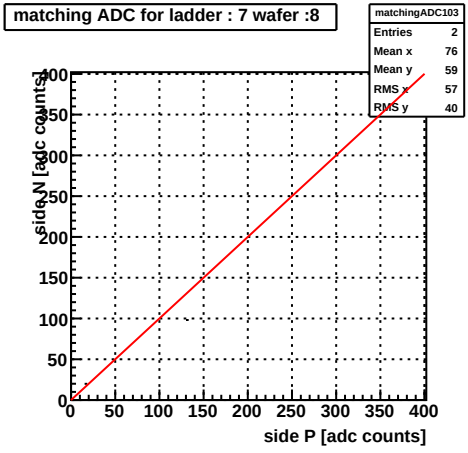

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 117
Mean x 19.16
Mean y 21.98
RMS x 7.011
RMS y 7.824
side N [adc counts]
side P [adc counts]

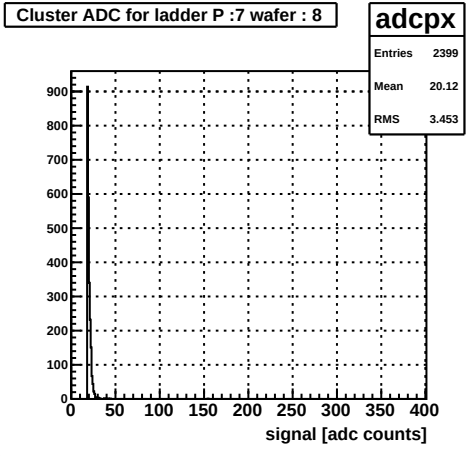

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 46965
Mean 25.97
RMS 8.767
signal [adc counts]

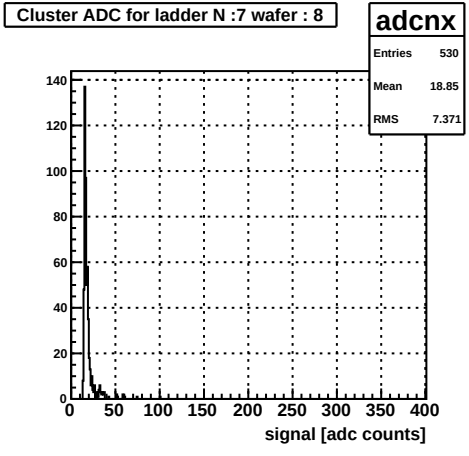

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1627
Mean 20.77
RMS 6.095
signal [adc counts]

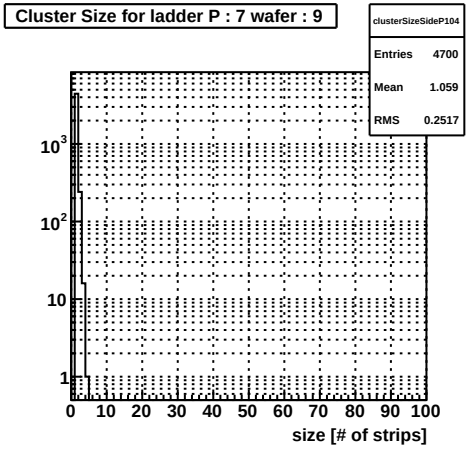

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2399
Mean 1.003
RMS 0.06118
size [# of strips]

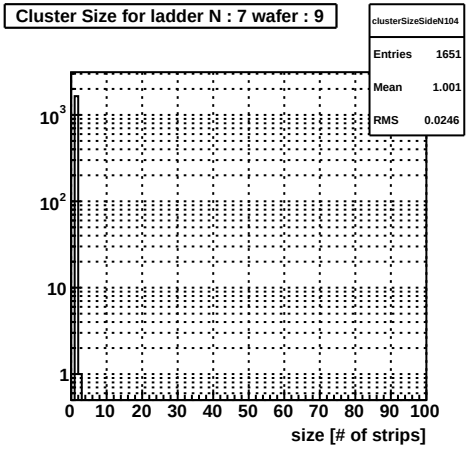

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 530
Mean 1.092
RMS 0.3594
size [# of strips]

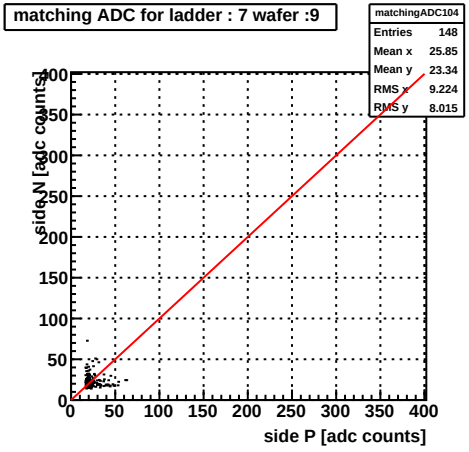

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2
Mean x 76
Mean y 59
RMS x 57
RMS y 40
side N [adc counts]
side P [adc counts]

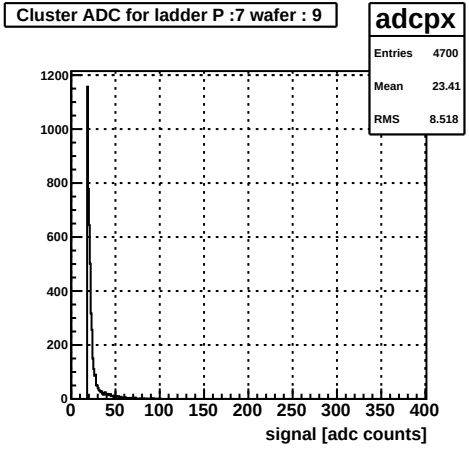

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2399
Mean 20.12
RMS 3.453
signal [adc counts]

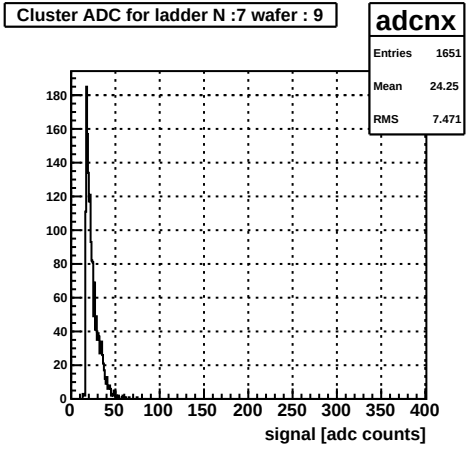

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 530
Mean 18.85
RMS 7.371
signal [adc counts]

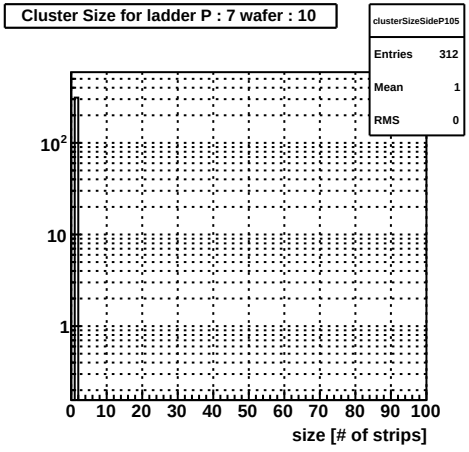

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4700
Mean 1.059
RMS 0.2517
size [# of strips]

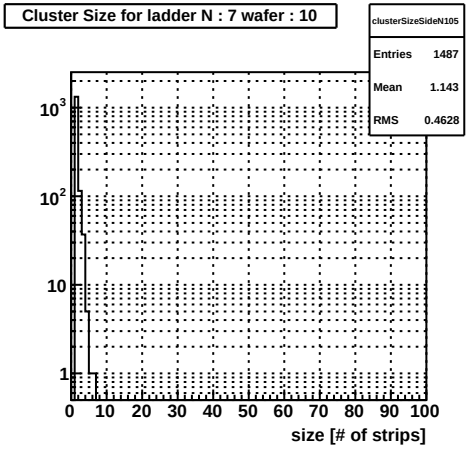

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1651
Mean 1.001
RMS 0.0246
size [# of strips]

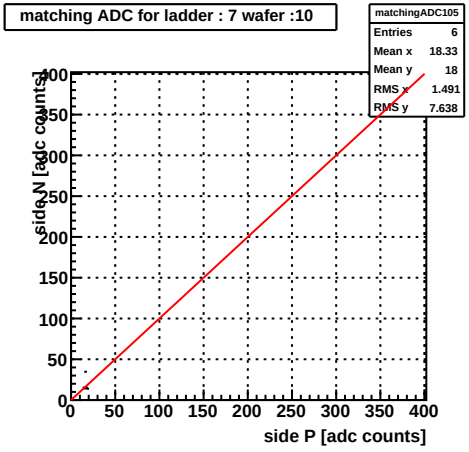

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 148
Mean x 25.85
Mean y 23.34
RMS x 9.224
RMS y 8.015
side N [adc counts]
side P [adc counts]

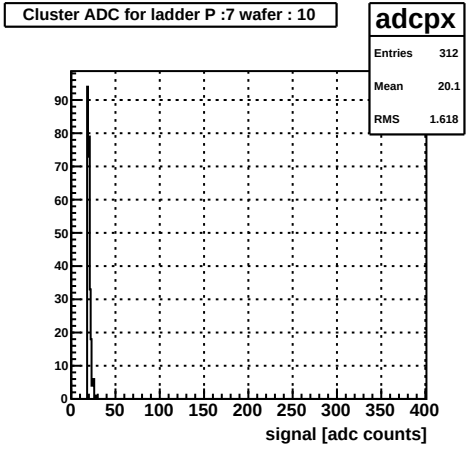

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4700
Mean 23.41
RMS 8.518
signal [adc counts]

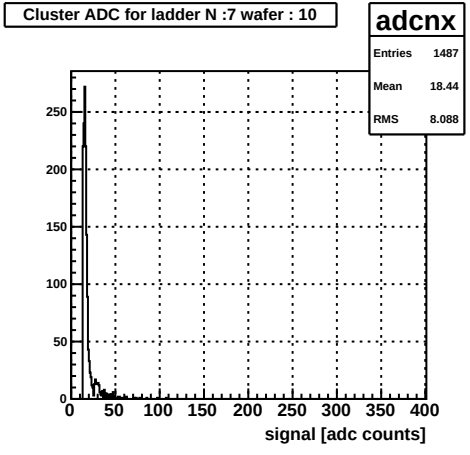

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1651
Mean 24.25
RMS 7.471
signal [adc counts]

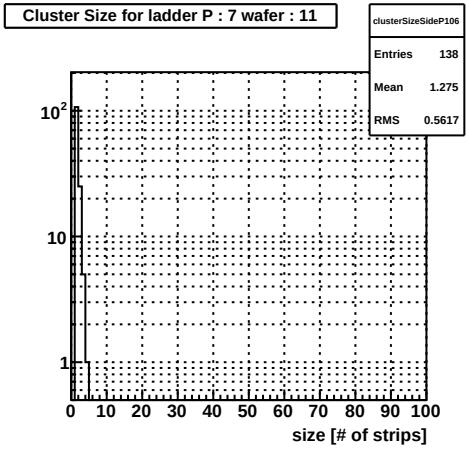

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 312
Mean 1
RMS 0
size [# of strips]

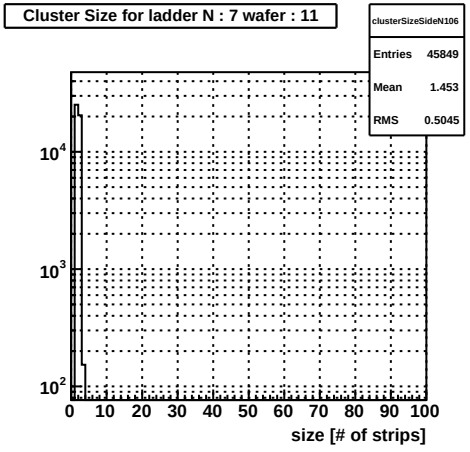

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1487
Mean 1.143
RMS 0.4628
size [# of strips]

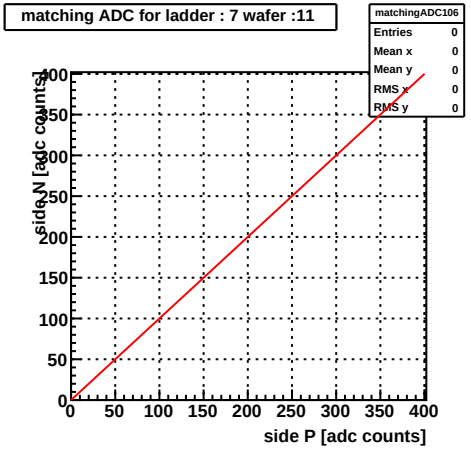

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 6
Mean x 18.33
Mean y 18
RMS x 1.491
RMS y 7.638
side N [adc counts]
side P [adc counts]

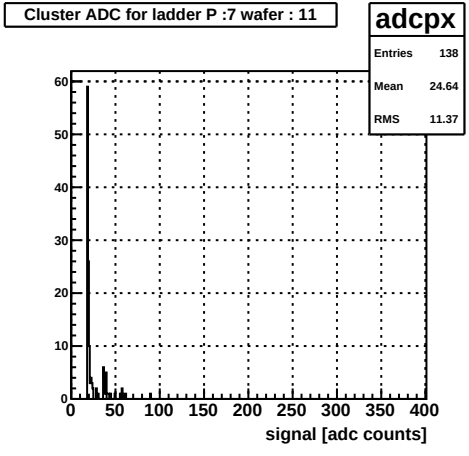

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 312
Mean 20.1
RMS 1.618
signal [adc counts]

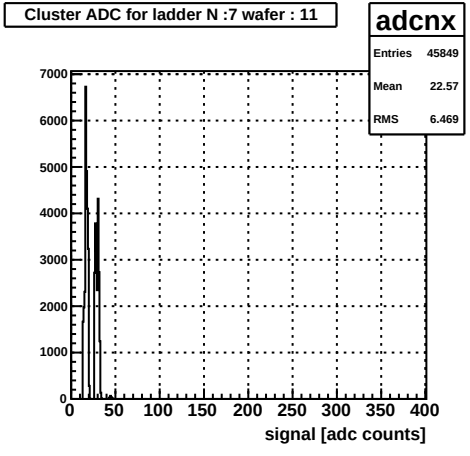

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1487
Mean 18.44
RMS 8.088
signal [adc counts]

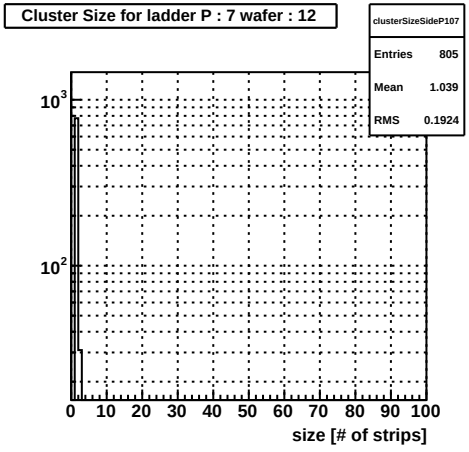

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 138
Mean 1.275
RMS 0.5617
size [# of strips]

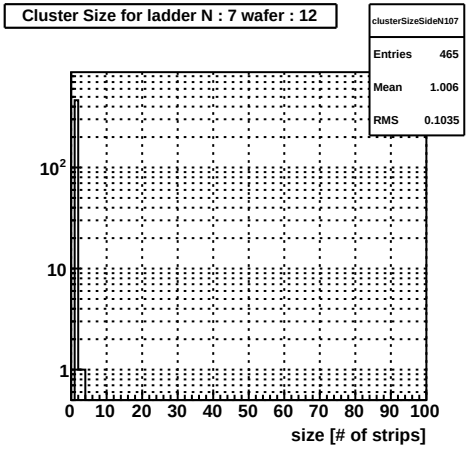

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 45849
Mean 1.453
RMS 0.5045
size [# of strips]

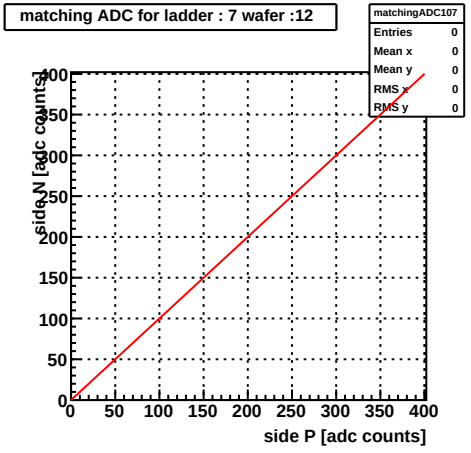

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

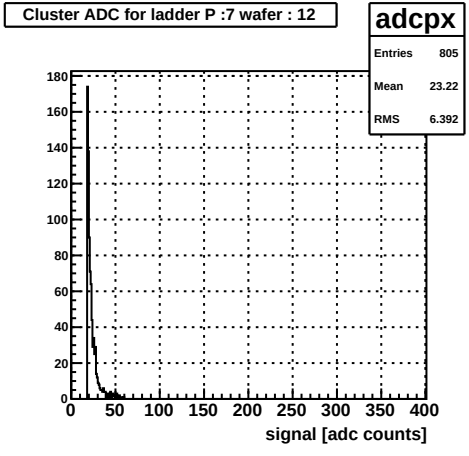

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 138
Mean 24.64
RMS 11.37
signal [adc counts]

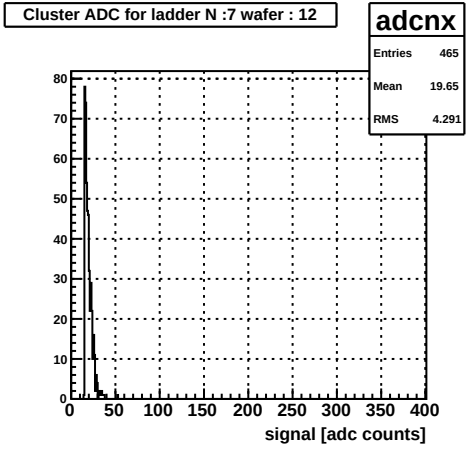

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 45849
Mean 22.57
RMS 6.469
signal [adc counts]

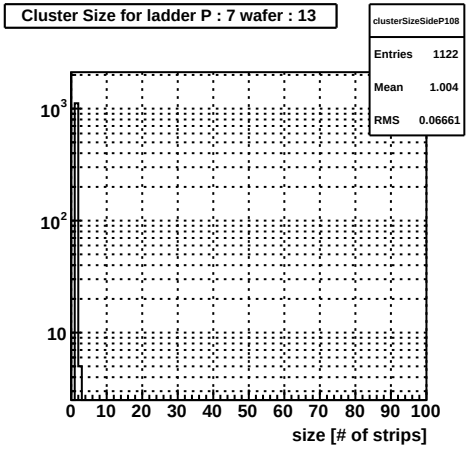

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 805
Mean 1.039
RMS 0.1924
size [# of strips]

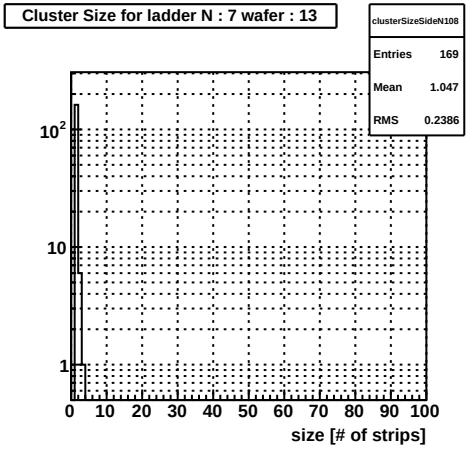

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 465
Mean 1.006
RMS 0.1035
size [# of strips]

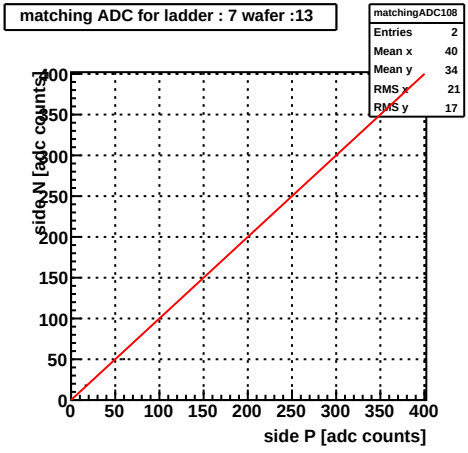

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

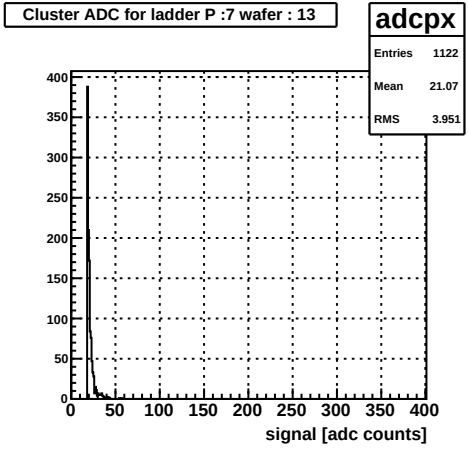

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 805
Mean 23.22
RMS 6.392
signal [adc counts]

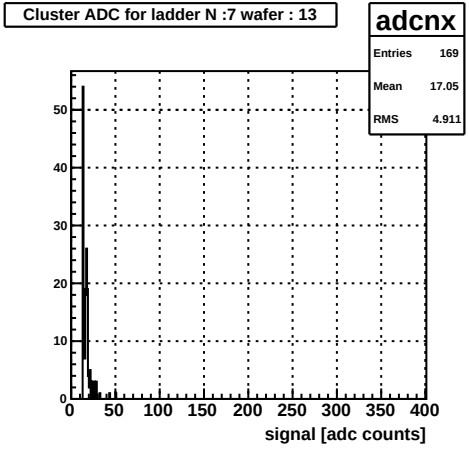

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 465
Mean 19.65
RMS 4.291
signal [adc counts]

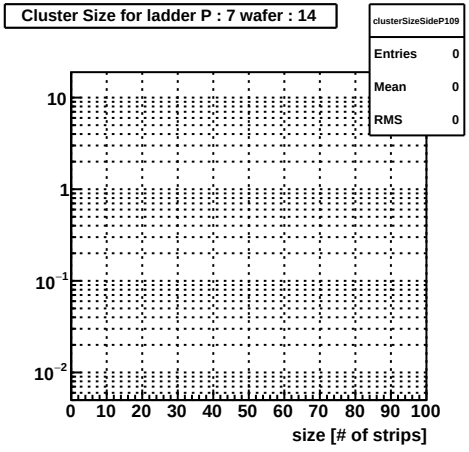

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1122
Mean 1.004
RMS 0.06661
size [# of strips]

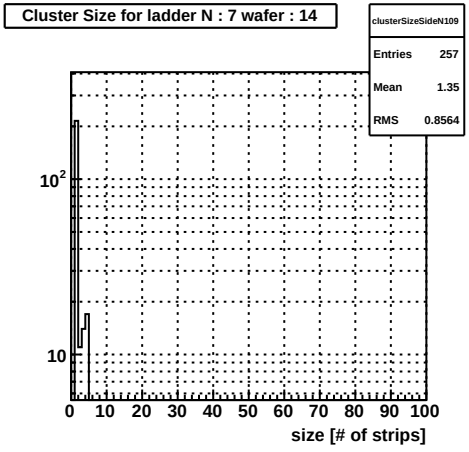

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 169
Mean 1.047
RMS 0.2386
size [# of strips]

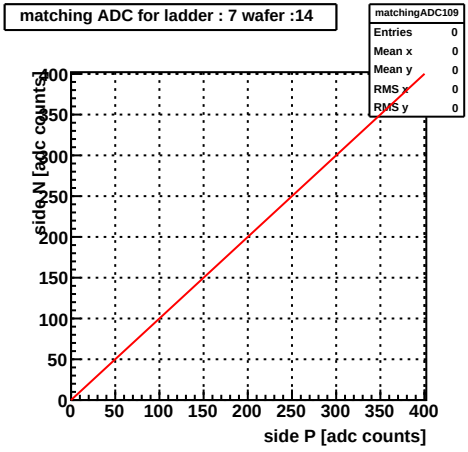

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 2
Mean x 40
Mean y 34
RMS x 21
RMS y 17
side N [adc counts]
side P [adc counts]

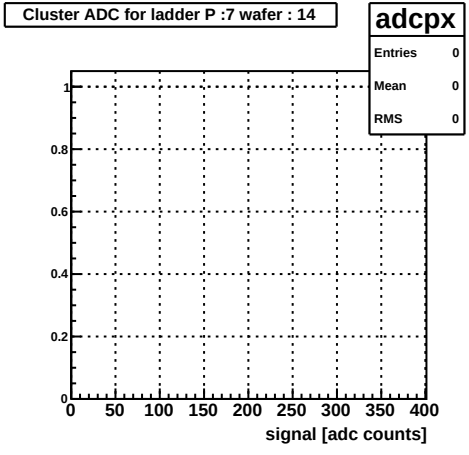

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1122
Mean 21.07
RMS 3.951
signal [adc counts]

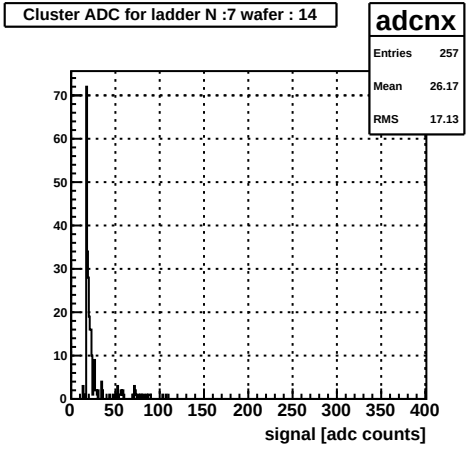

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 169
Mean 17.05
RMS 4.911
signal [adc counts]

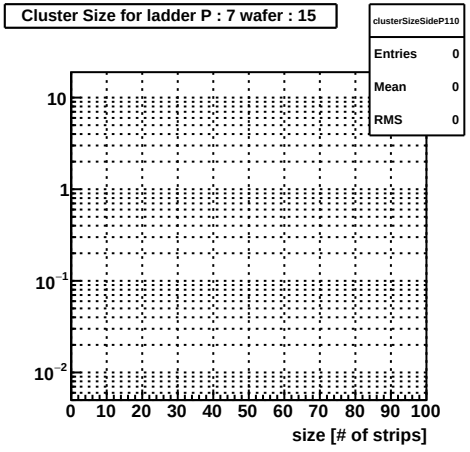

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

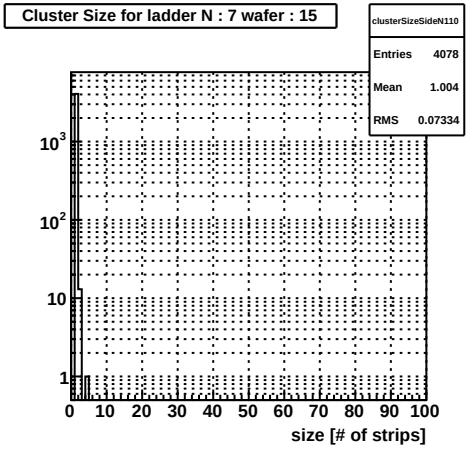

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 257
Mean 1.35
RMS 0.8564
size [# of strips]

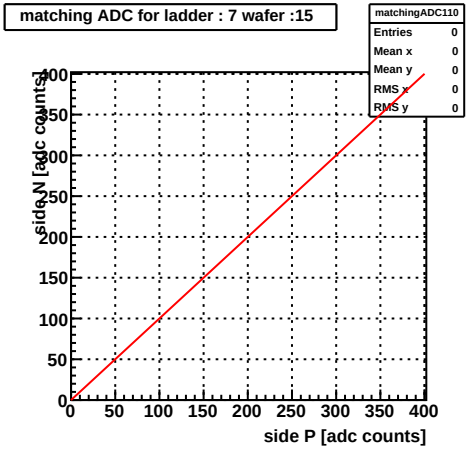

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

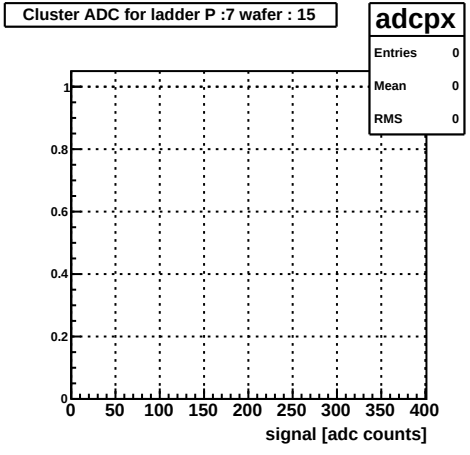

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

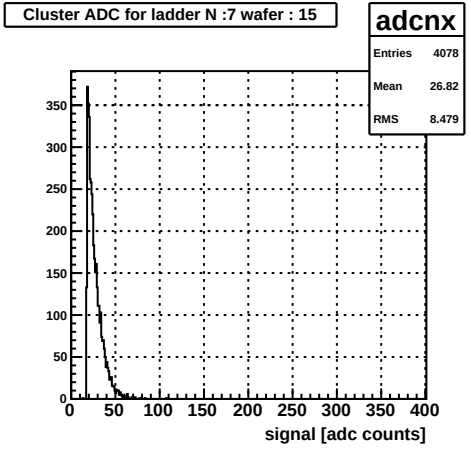

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 257
Mean 26.17
RMS 17.13
signal [adc counts]

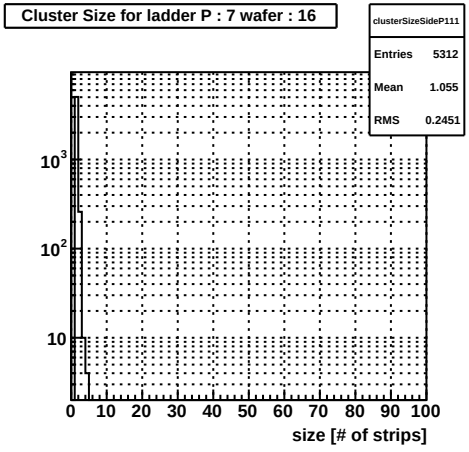

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

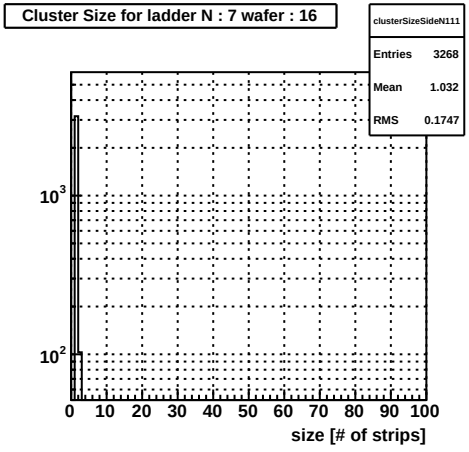

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 4078
Mean 1.004
RMS 0.07334
size [# of strips]

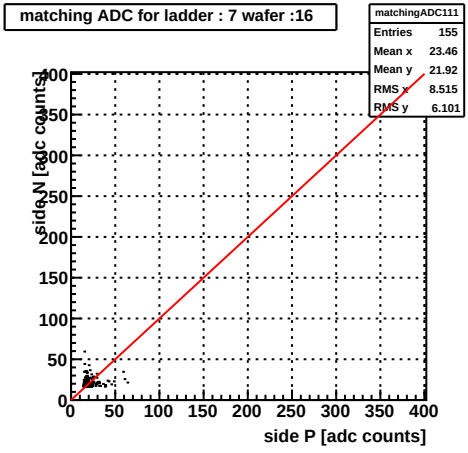

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

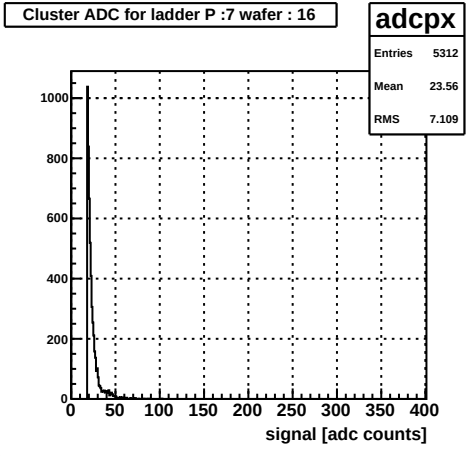

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

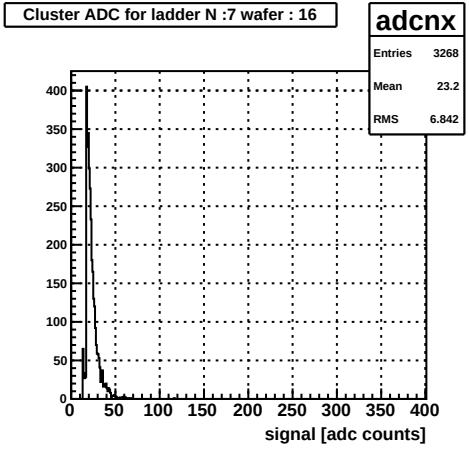

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 4078
Mean 26.82
RMS 8.479
signal [adc counts]

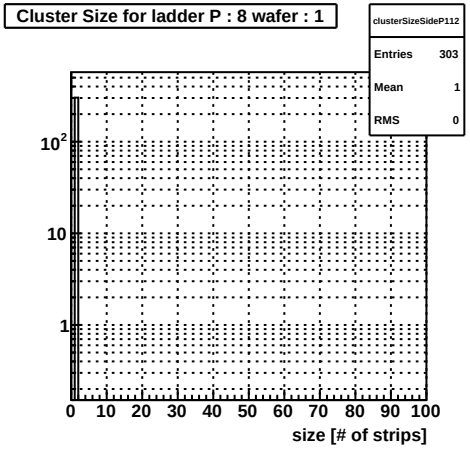

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5312
Mean 1.055
RMS 0.2451
size [# of strips]

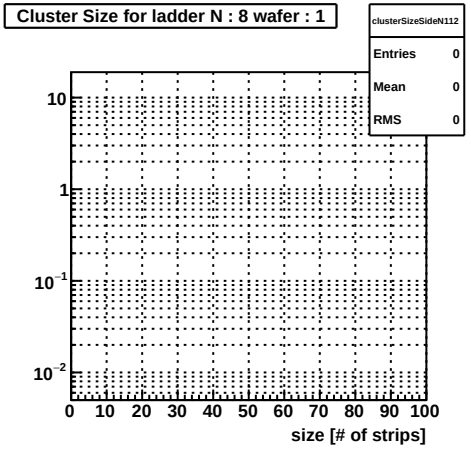

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3268
Mean 1.032
RMS 0.1747
size [# of strips]

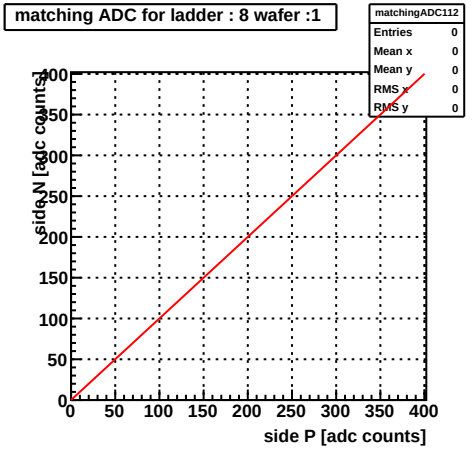

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 155
Mean x 23.46
Mean y 21.92
RMS x 8.515
RMS y 6.101
side N [adc counts]
side P [adc counts]

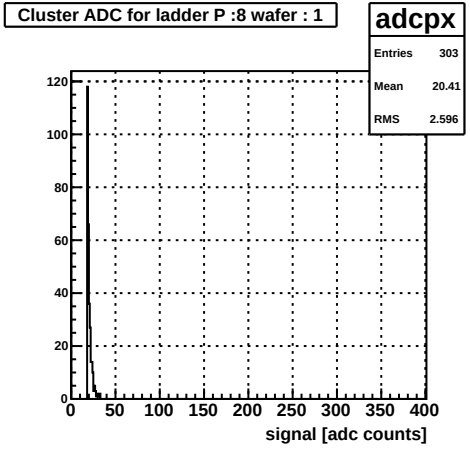

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5312
Mean 23.56
RMS 7.109
signal [adc counts]

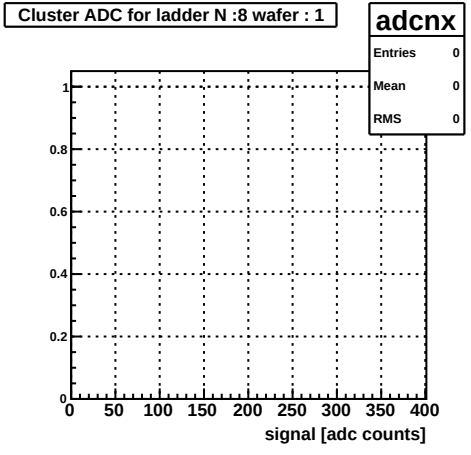

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3268
Mean 23.2
RMS 6.842
signal [adc counts]

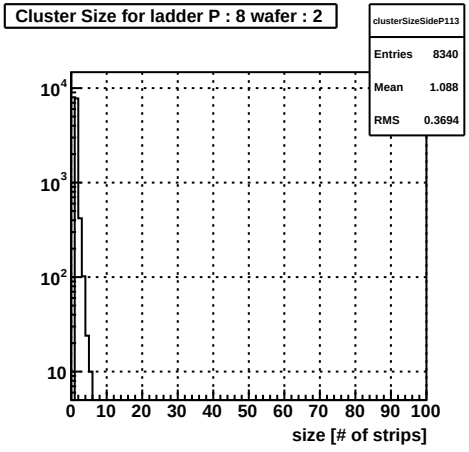

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 303
Mean 1
RMS 0
size [# of strips]

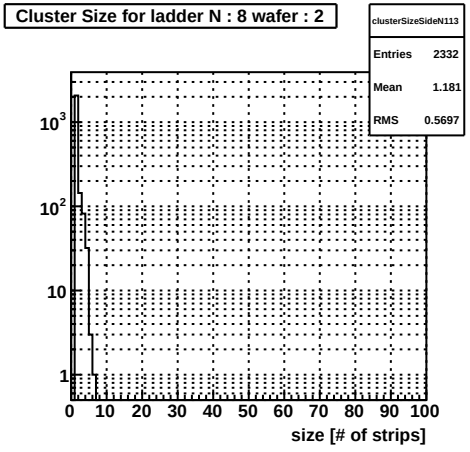

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

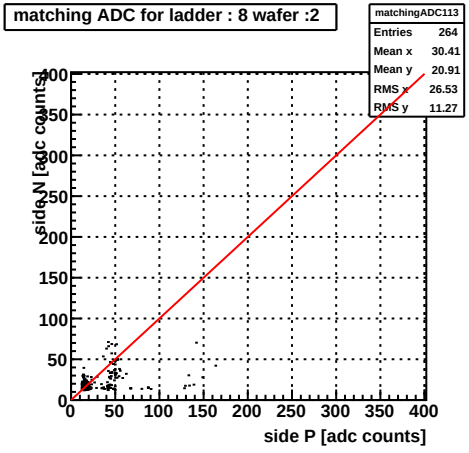

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

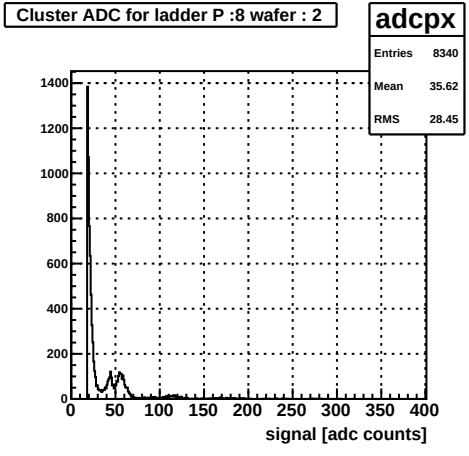

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 303
Mean 20.41
RMS 2.596
signal [adc counts]

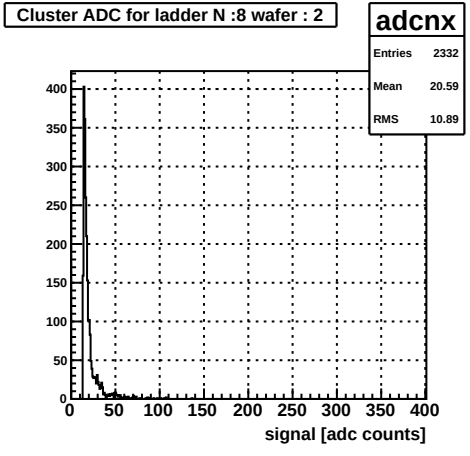

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

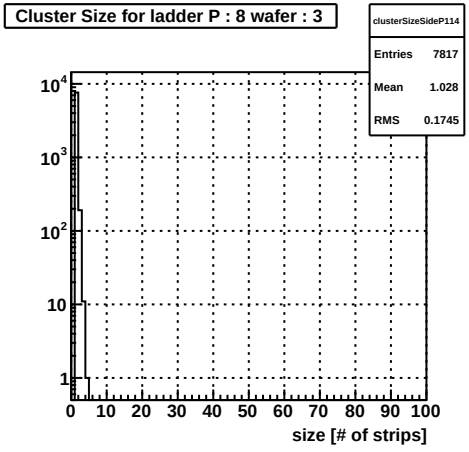

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8340
Mean 1.088
RMS 0.3694
size [# of strips]

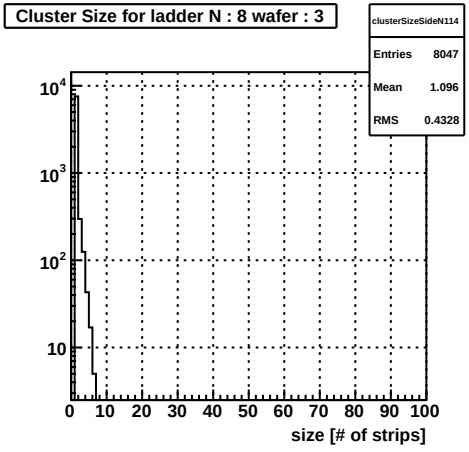

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2332
Mean 1.181
RMS 0.5697
size [# of strips]

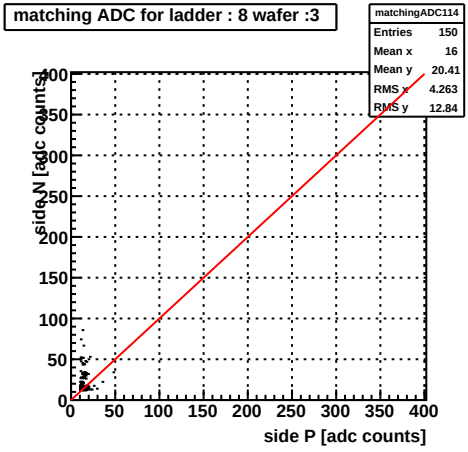

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 264
Mean x 30.41
Mean y 20.91
RMS x 26.53
RMS y 11.27
side N [adc counts]
side P [adc counts]

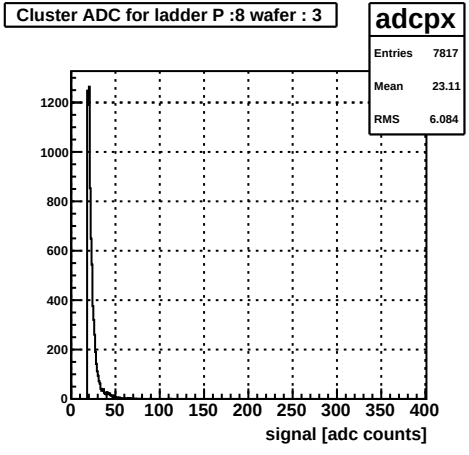

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8340
Mean 35.62
RMS 28.45
signal [adc counts]

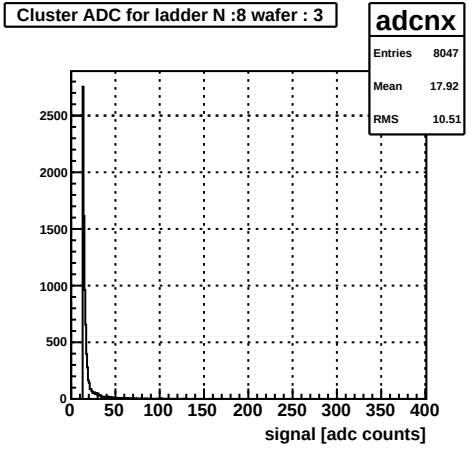

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2332
Mean 20.59
RMS 10.89
signal [adc counts]

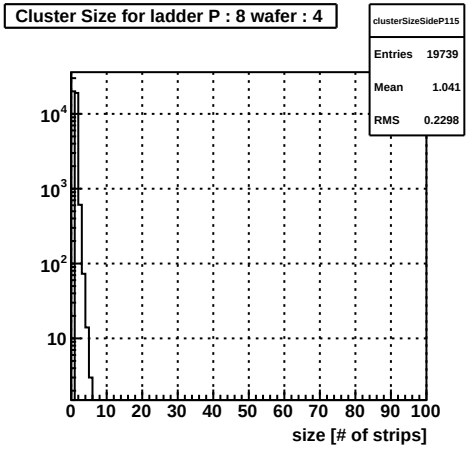

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7817
Mean 1.028
RMS 0.1745
size [# of strips]

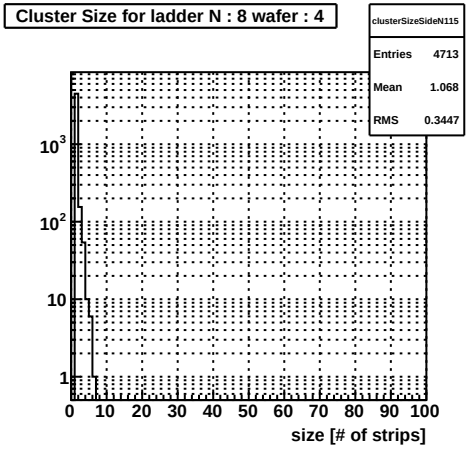

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 8047
Mean 1.096
RMS 0.4328
size [# of strips]

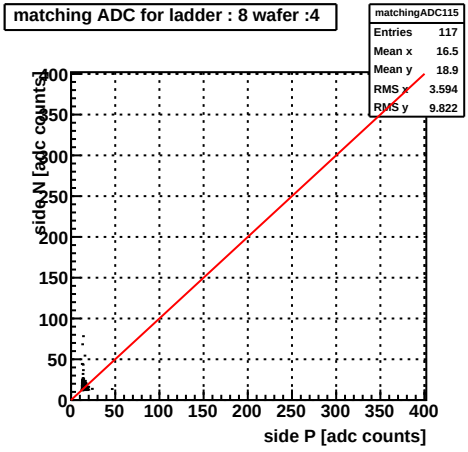

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 150
Mean x 16
Mean y 20.41
RMS x 4.263
RMS y 12.84
side N [adc counts]
side P [adc counts]

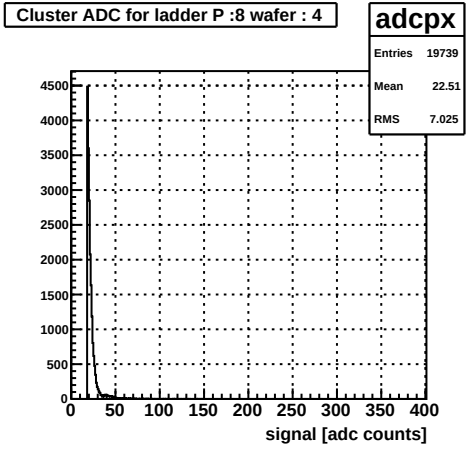

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7817
Mean 23.11
RMS 6.084
signal [adc counts]

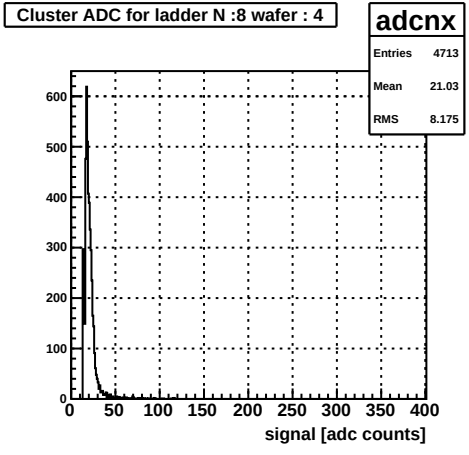

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 8047
Mean 17.92
RMS 10.51
signal [adc counts]

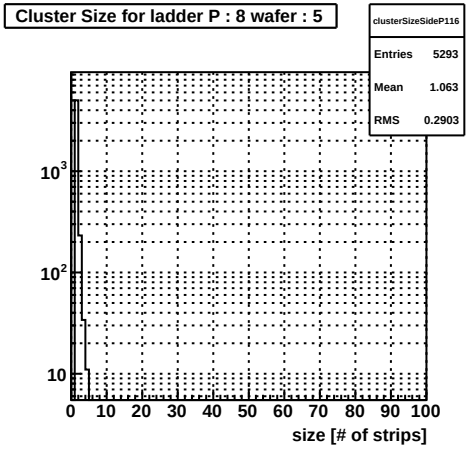

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 19739
Mean 1.041
RMS 0.2298
size [# of strips]

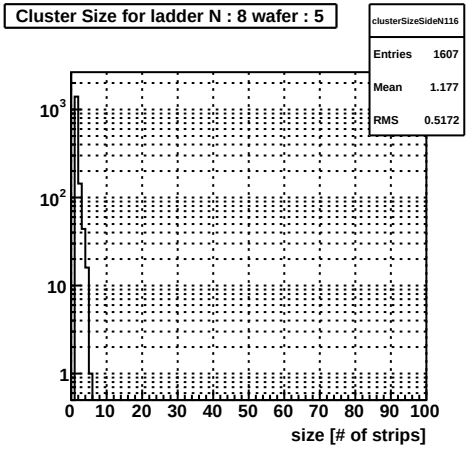

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4713
Mean 1.068
RMS 0.3447
size [# of strips]

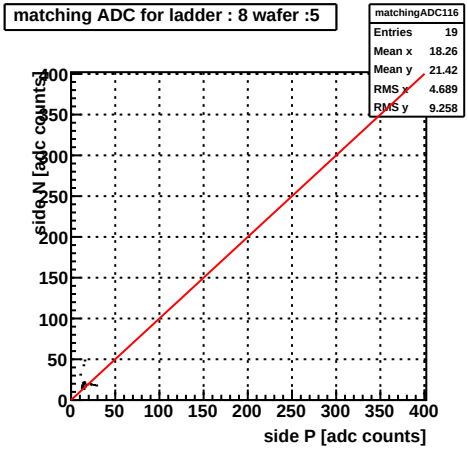

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 117
Mean x 16.5
Mean y 18.9
RMS x 3.594
RMS y 9.822
side N [adc counts]
side P [adc counts]

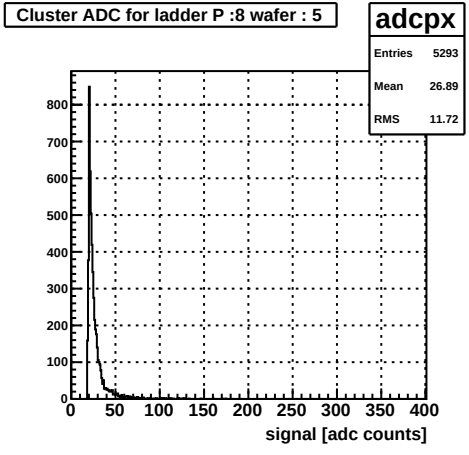

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 19739
Mean 22.51
RMS 7.025
signal [adc counts]

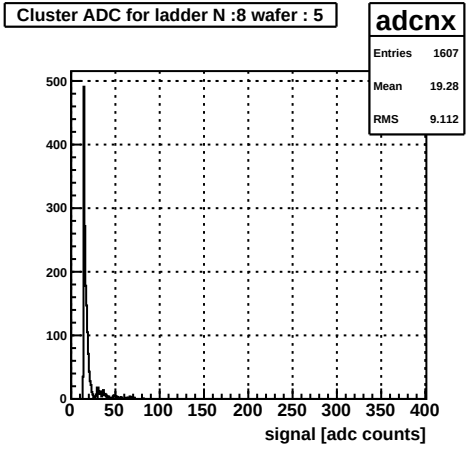

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4713
Mean 21.03
RMS 8.175
signal [adc counts]

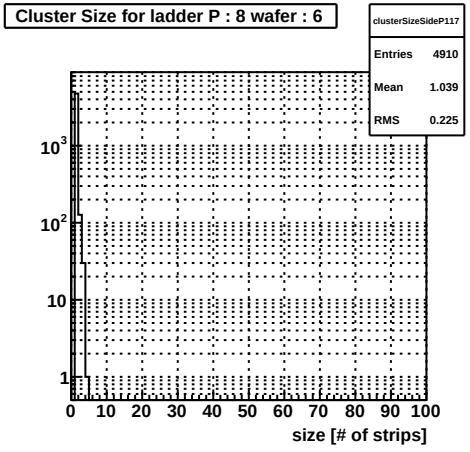

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5293
Mean 1.063
RMS 0.2903
size [# of strips]

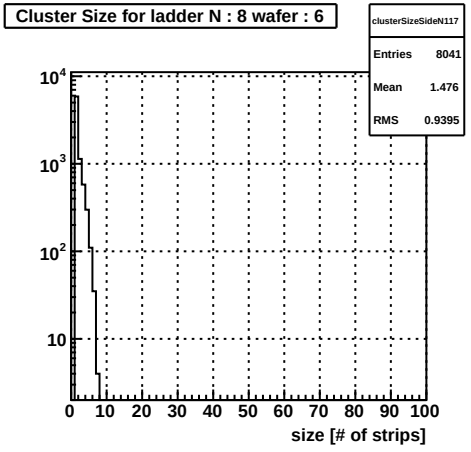

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1607
Mean 1.177
RMS 0.5172
size [# of strips]

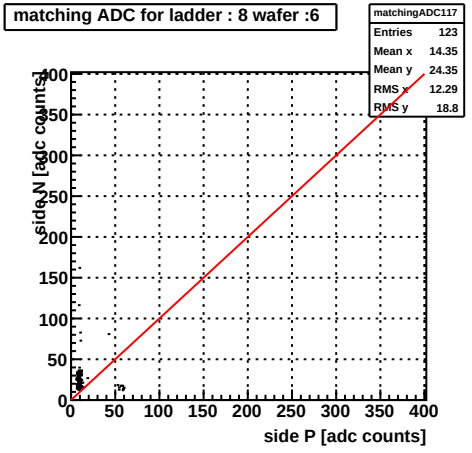

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 19
Mean x 18.26
Mean y 21.42
RMS x 4.689
RMS y 9.258
side N [adc counts]
side P [adc counts]

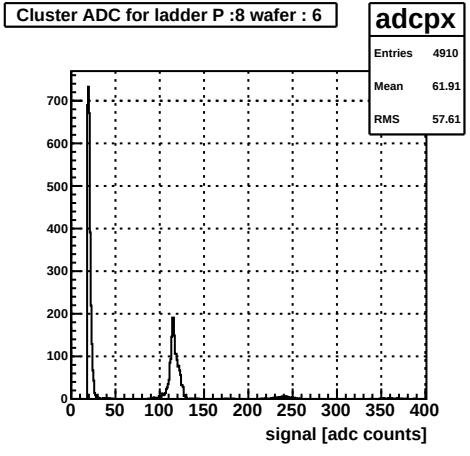

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5293
Mean 26.89
RMS 11.72
signal [adc counts]

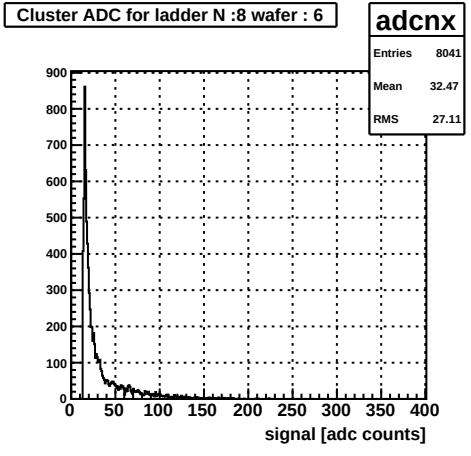

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1607
Mean 19.28
RMS 9.112
signal [adc counts]

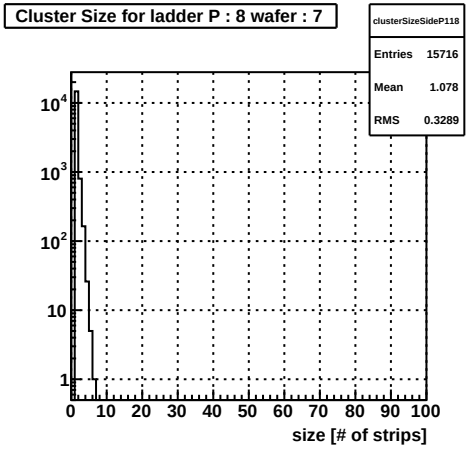

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 4910
Mean 1.039
RMS 0.225
size [# of strips]

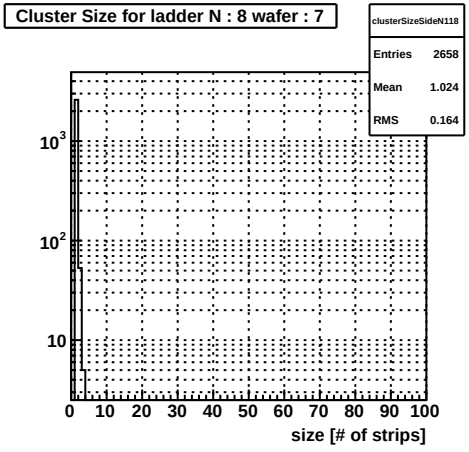

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 8041
Mean 1.476
RMS 0.9395
size [# of strips]

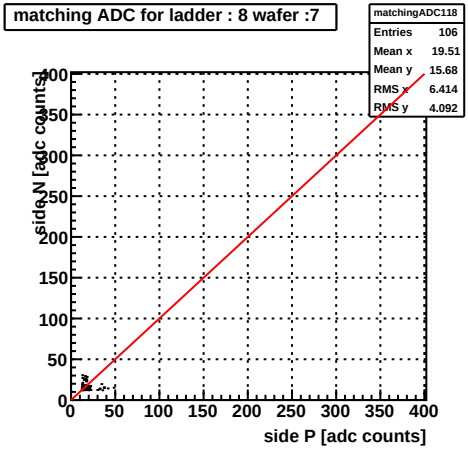

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 123
Mean x 14.35
Mean y 24.35
RMS x 12.29
RMS y 18.8
side N [adc counts]
side P [adc counts]

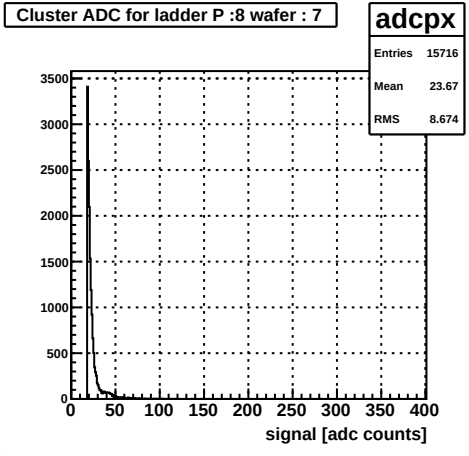

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 4910
Mean 61.91
RMS 57.61
signal [adc counts]

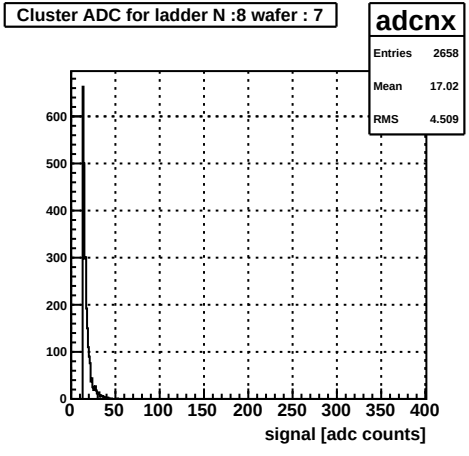

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 8041
Mean 32.47
RMS 27.11
signal [adc counts]

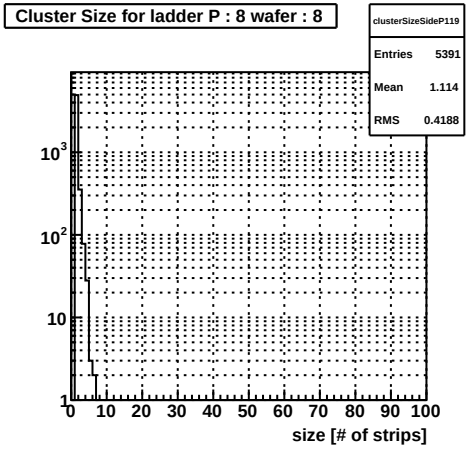

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15716
Mean 1.078
RMS 0.3289
size [# of strips]

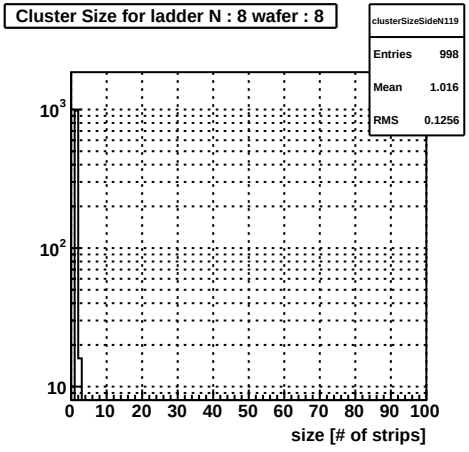

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2658
Mean 1.024
RMS 0.164
size [# of strips]

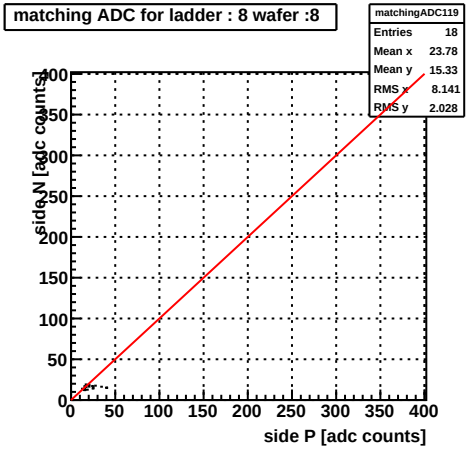

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 106
Mean x 19.51
Mean y 15.68
RMS x 6.414
RMS y 4.092
side N [adc counts]
side P [adc counts]

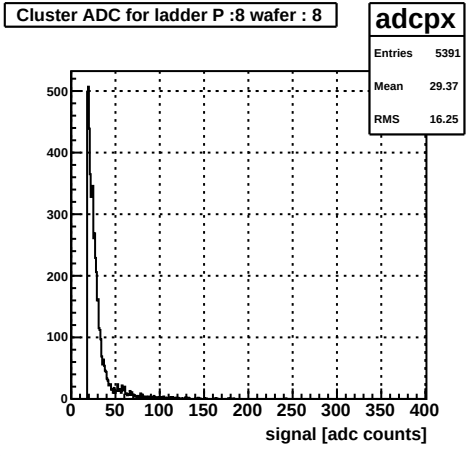

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15716
Mean 23.67
RMS 8.674
signal [adc counts]

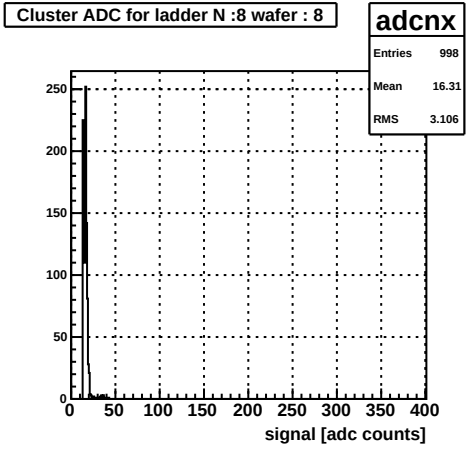

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2658
Mean 17.02
RMS 4.509
signal [adc counts]

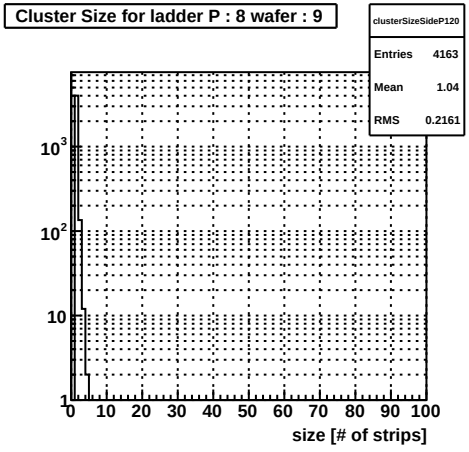

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5391
Mean 1.114
RMS 0.4188
size [# of strips]

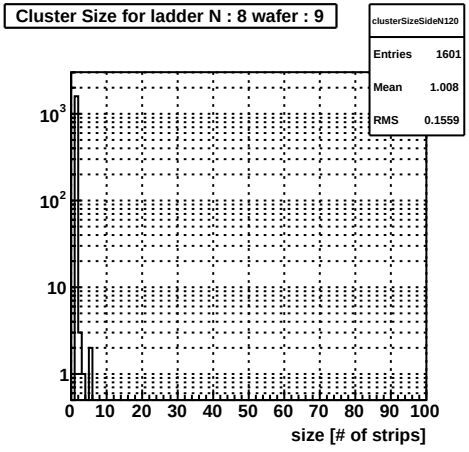

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 998
Mean 1.016
RMS 0.1256
size [# of strips]

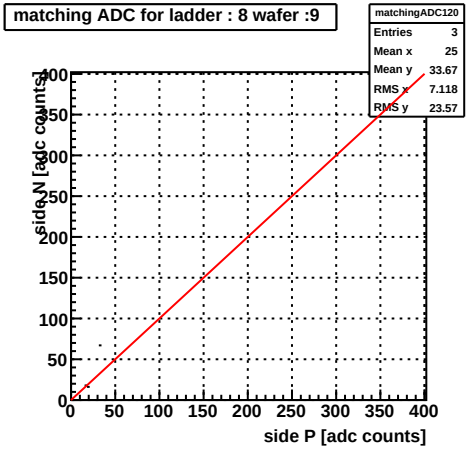

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 18
Mean x 23.78
Mean y 15.33
RMS x 8.141
RMS y 2.028
side N [adc counts]
side P [adc counts]

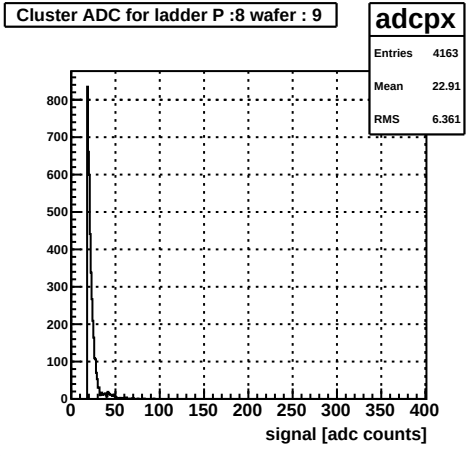

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5391
Mean 29.37
RMS 16.25
signal [adc counts]

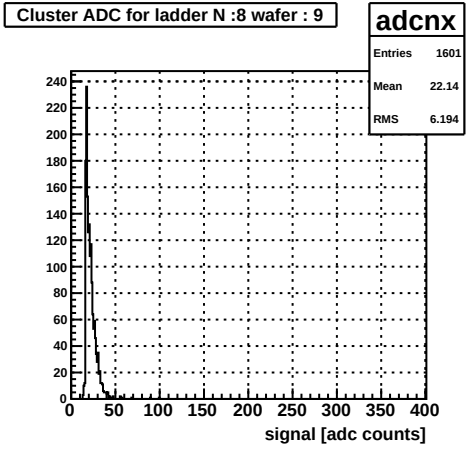

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 998
Mean 16.31
RMS 3.106
signal [adc counts]

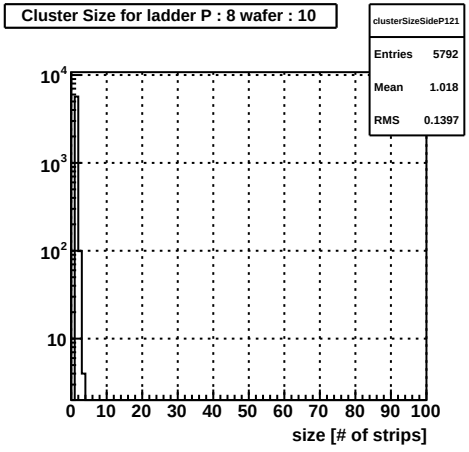

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 4163
Mean 1.04
RMS 0.2161
size [# of strips]

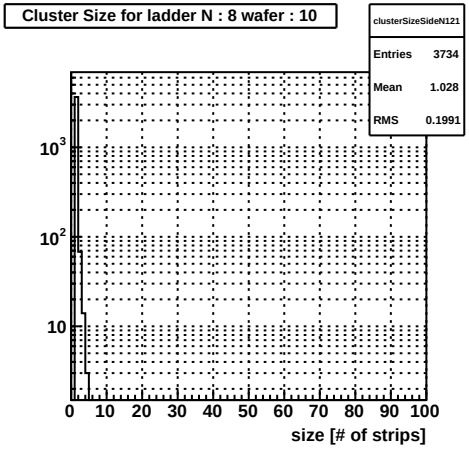

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1601
Mean 1.008
RMS 0.1559
size [# of strips]

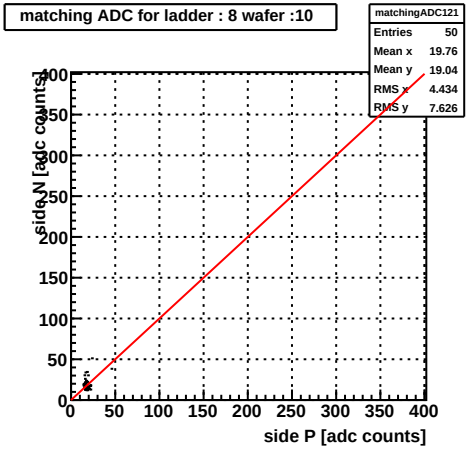

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 3
Mean x 25
Mean y 33.67
RMS x 7.118
RMS y 23.57
side N [adc counts]
side P [adc counts]

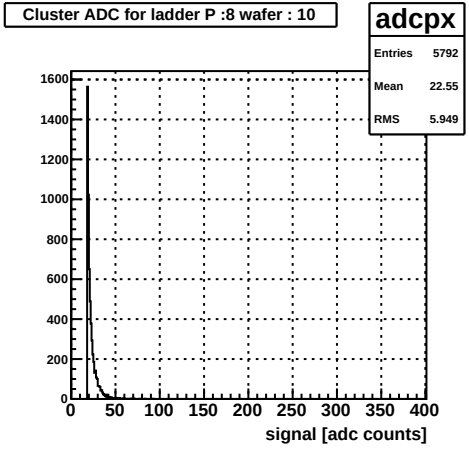

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 4163
Mean 22.91
RMS 6.361
signal [adc counts]

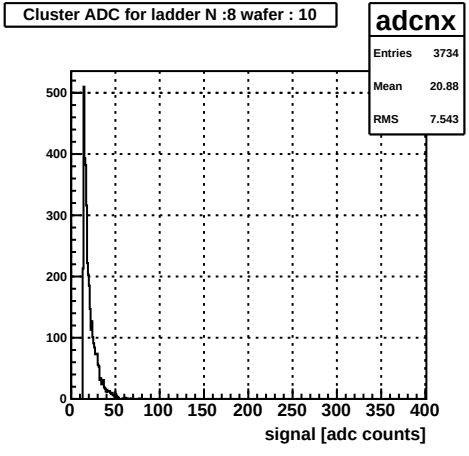

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1601
Mean 22.14
RMS 6.194
signal [adc counts]

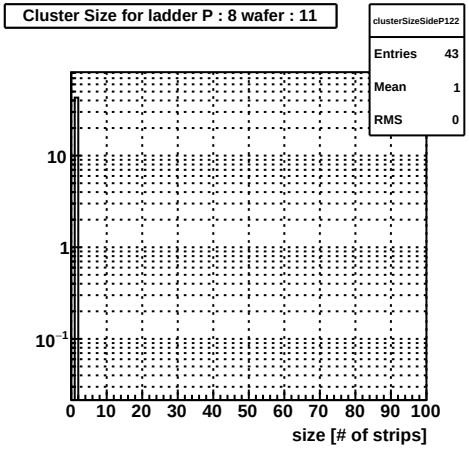

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5792
Mean 1.018
RMS 0.1397
size [# of strips]

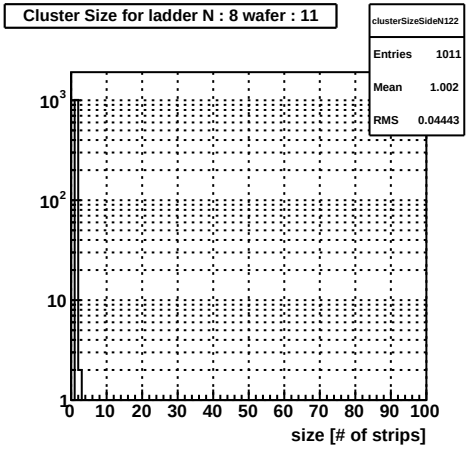

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3734
Mean 1.028
RMS 0.1991
size [# of strips]

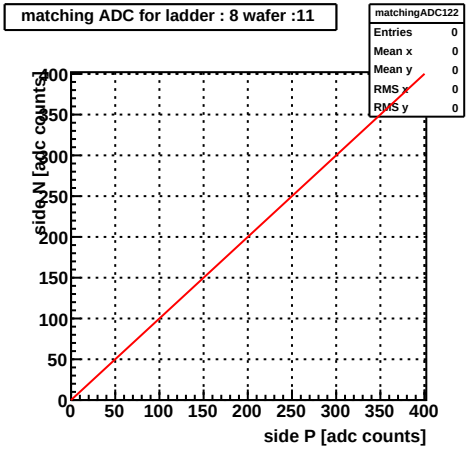

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 50
Mean x 19.76
Mean y 19.04
RMS x 4.434
RMS y 7.626
side N [adc counts]
side P [adc counts]

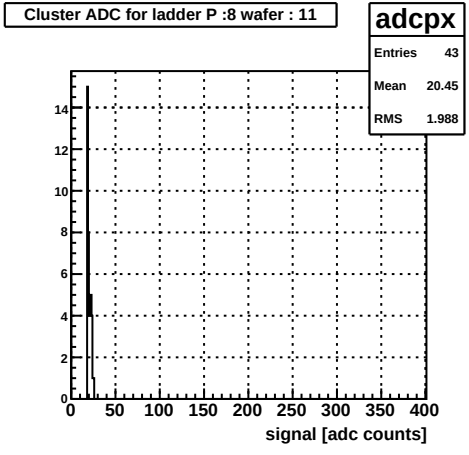

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5792
Mean 22.55
RMS 5.949
signal [adc counts]

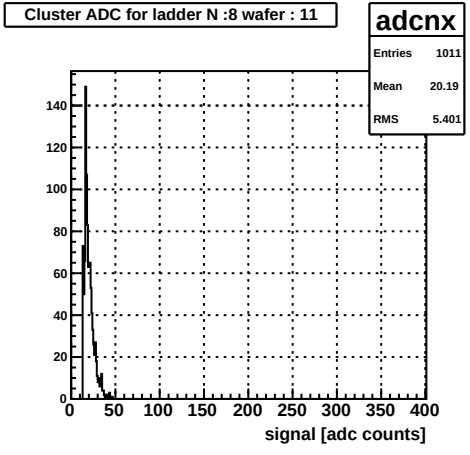

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3734
Mean 20.88
RMS 7.543
signal [adc counts]

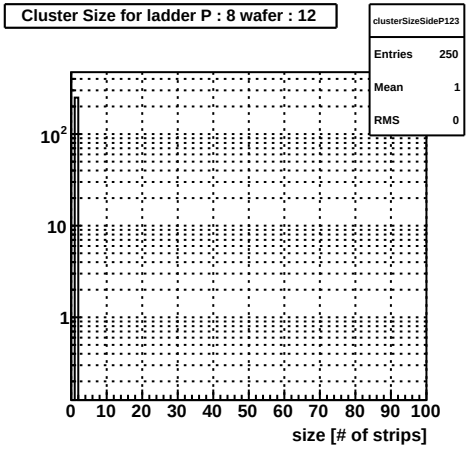

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 43
Mean 1
RMS 0
size [# of strips]

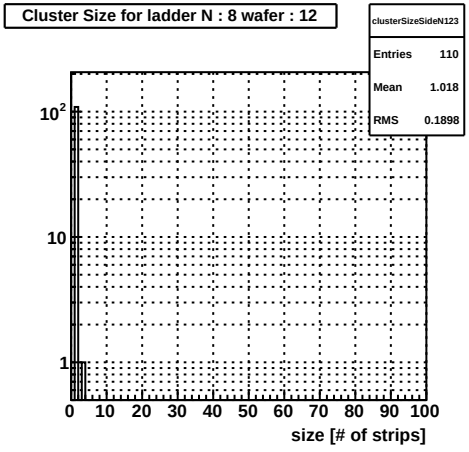

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1011
Mean 1.002
RMS 0.04443
size [# of strips]

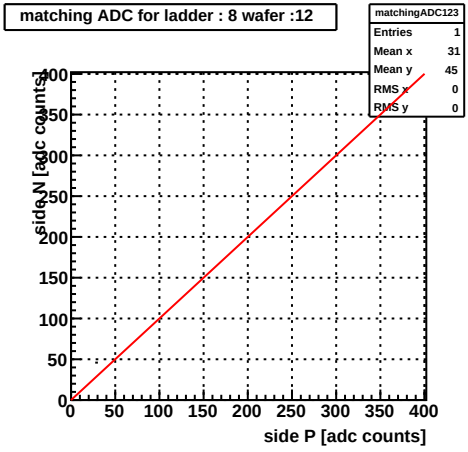

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

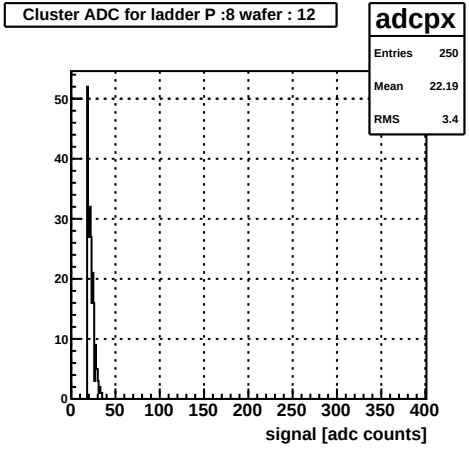

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 43
Mean 20.45
RMS 1.988
signal [adc counts]

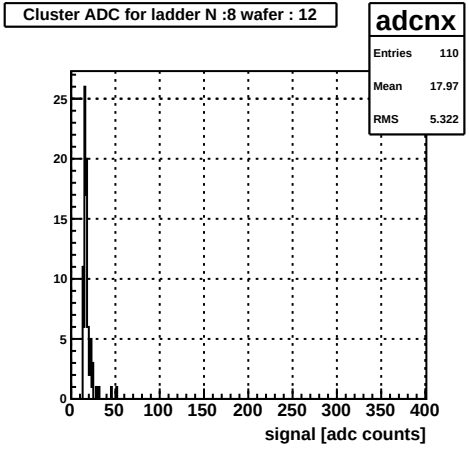

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1011
Mean 20.19
RMS 5.401
signal [adc counts]

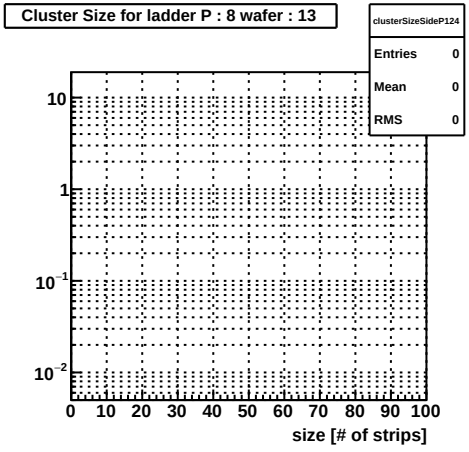

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 250
Mean 1
RMS 0
size [# of strips]

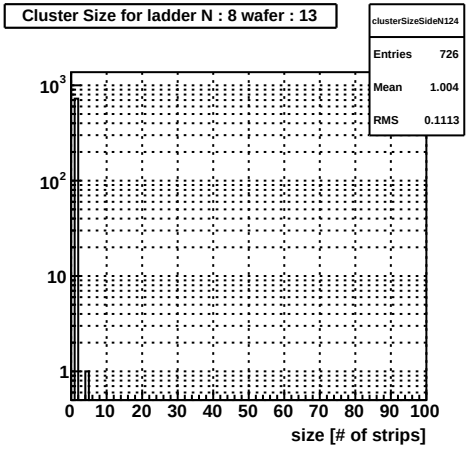

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 110
Mean 1.018
RMS 0.1898
size [# of strips]

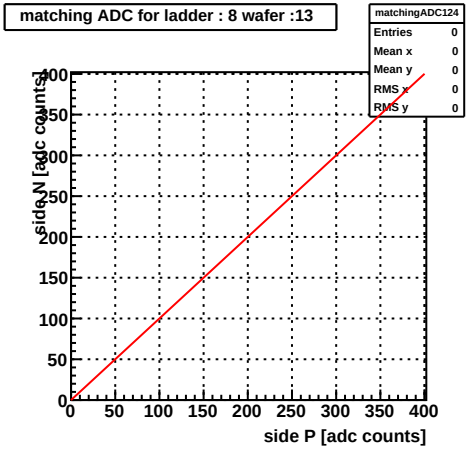

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1
Mean x 31
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

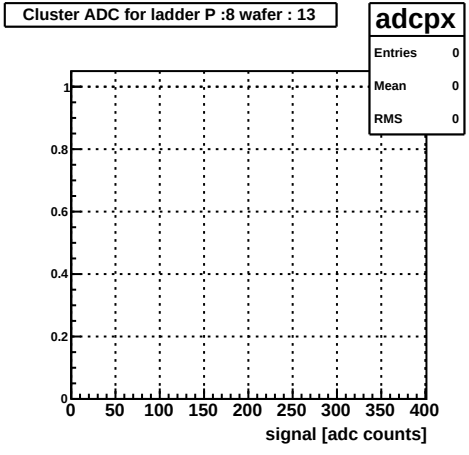

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 250
Mean 22.19
RMS 3.4
signal [adc counts]

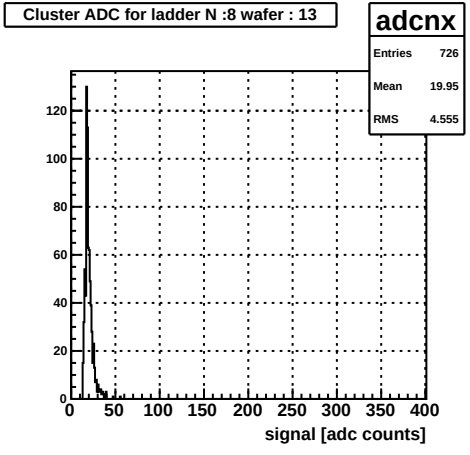

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 110
Mean 17.97
RMS 5.322
signal [adc counts]

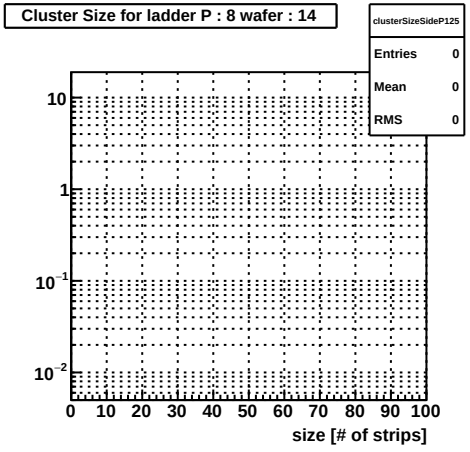

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

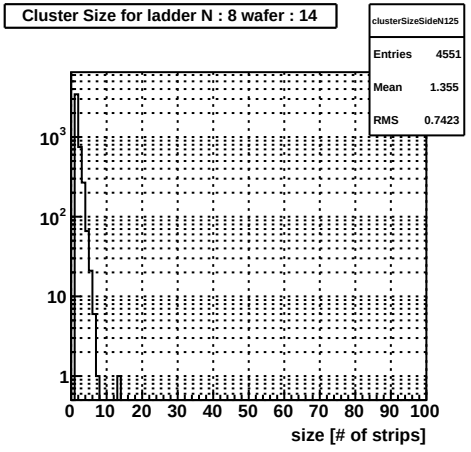

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 726
Mean 1.004
RMS 0.1113
size [# of strips]

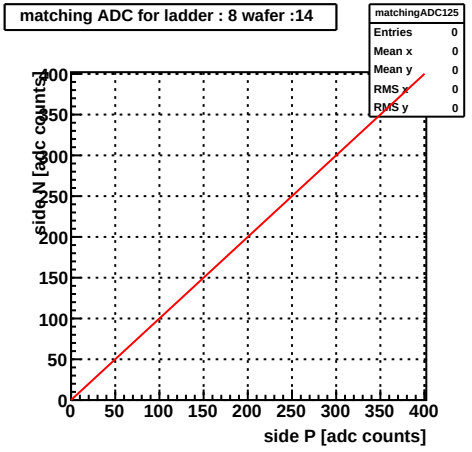

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

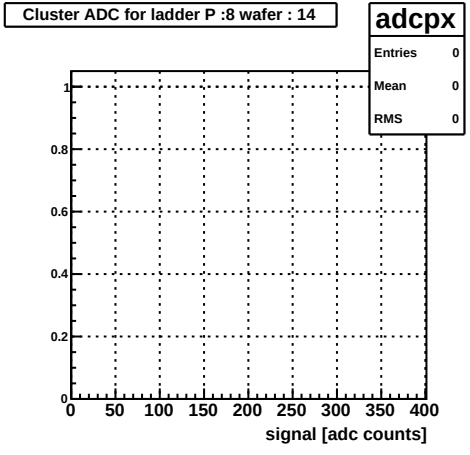

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

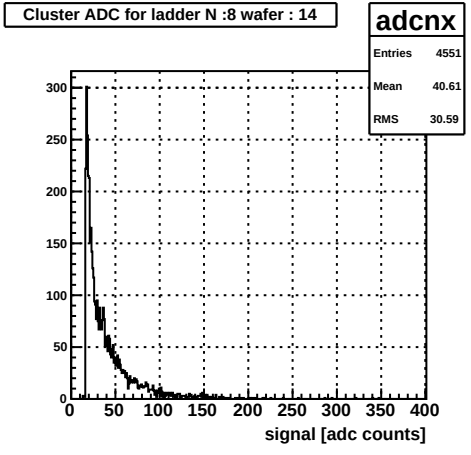

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 726
Mean 19.95
RMS 4.555
signal [adc counts]

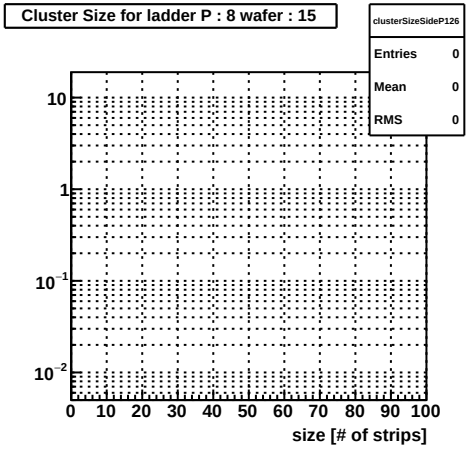

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

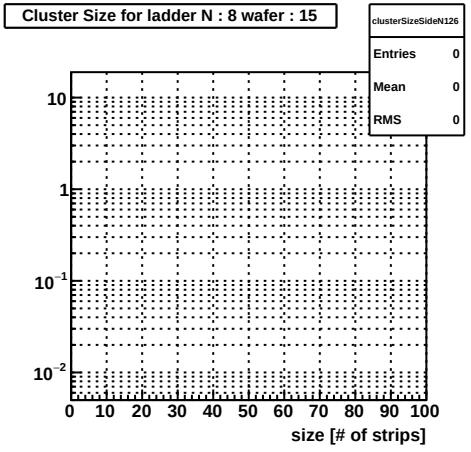

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 4551
Mean 1.355
RMS 0.7423
size [# of strips]

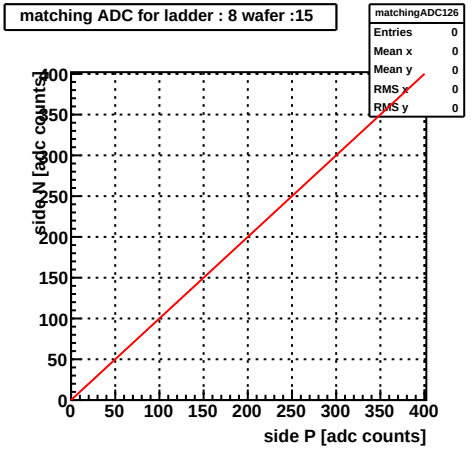

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

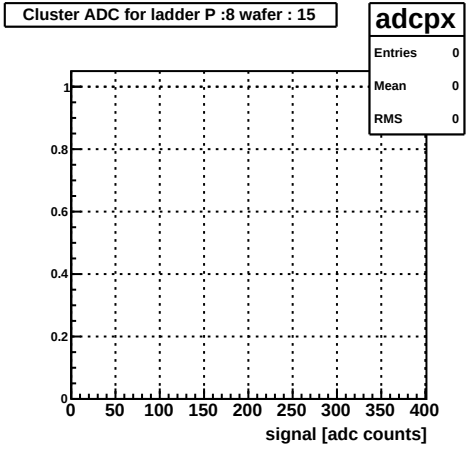

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

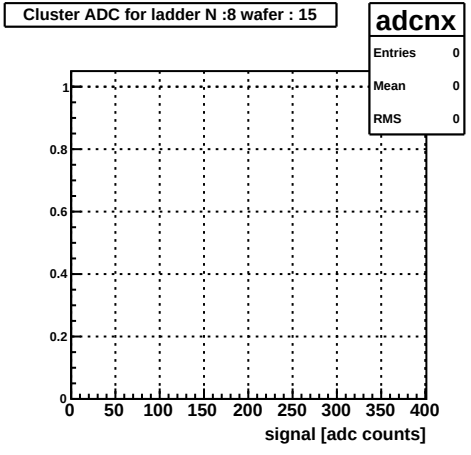

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 4551
Mean 40.61
RMS 30.59
signal [adc counts]

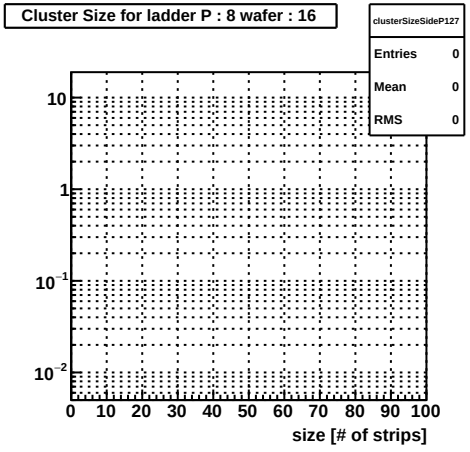

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

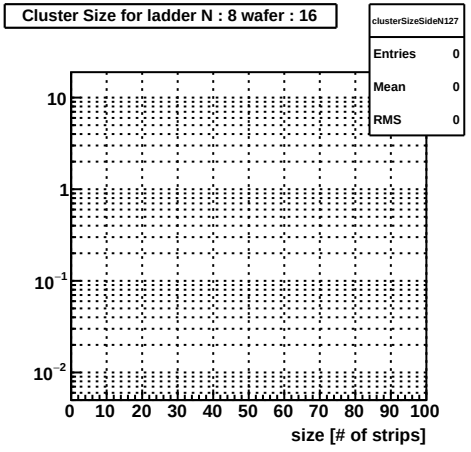

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

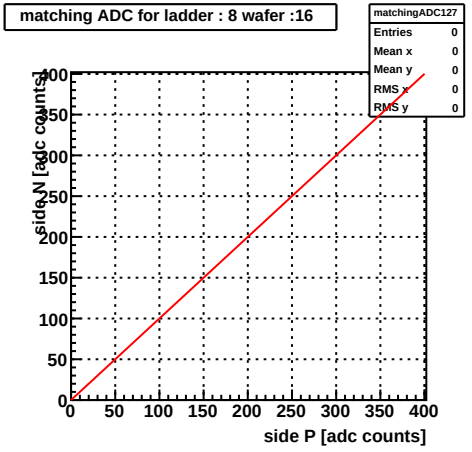

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

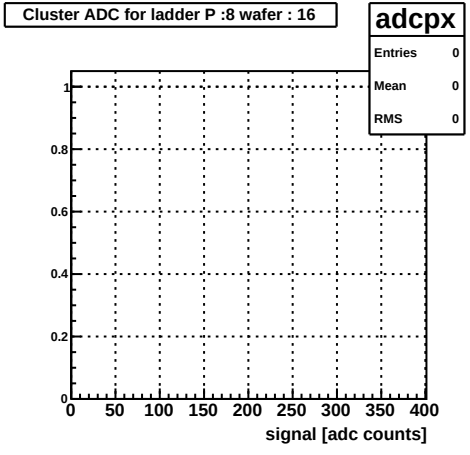

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

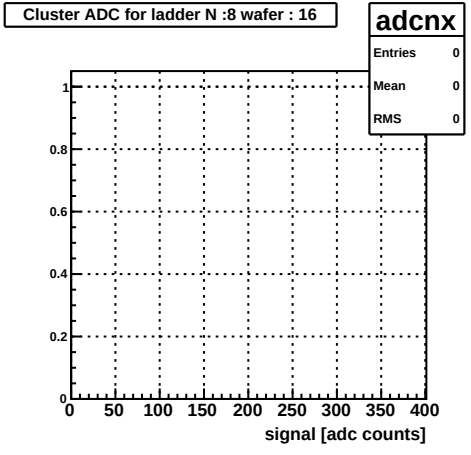

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

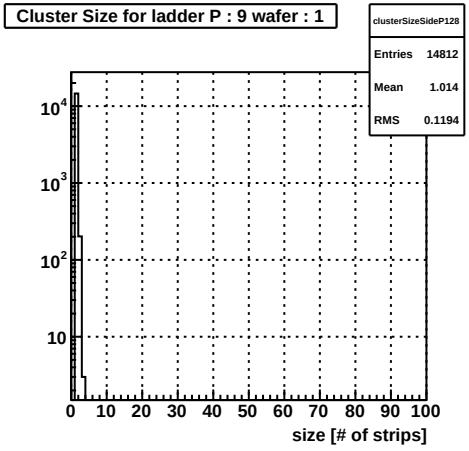

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

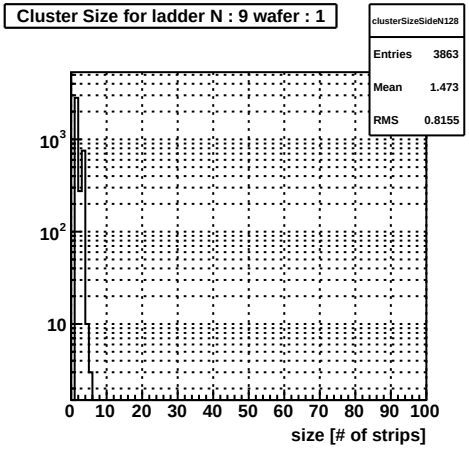

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

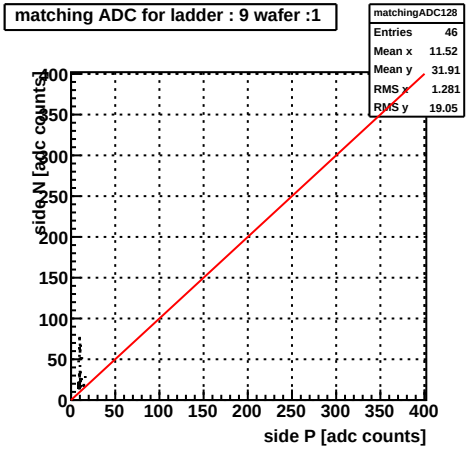

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

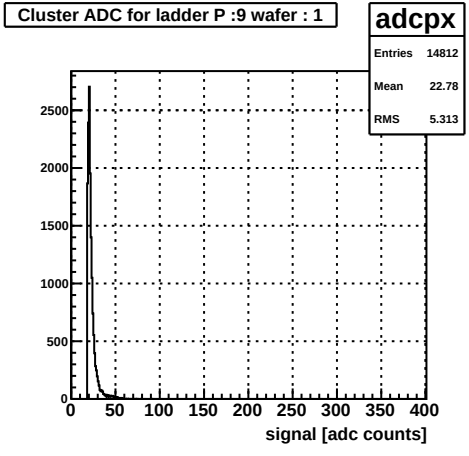

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

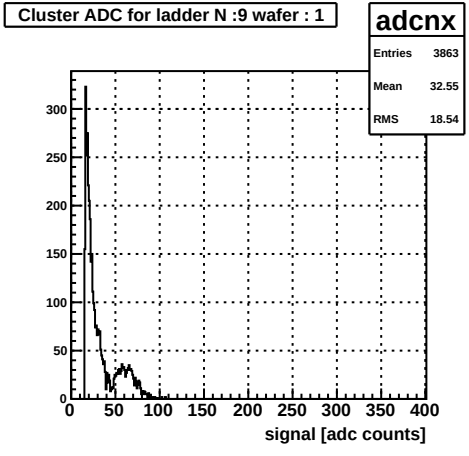

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

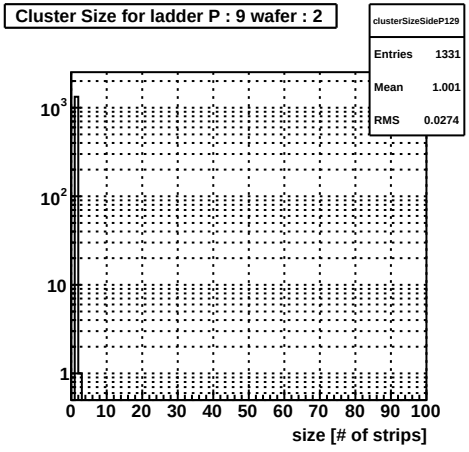

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 14812
Mean 1.014
RMS 0.1194
size [# of strips]

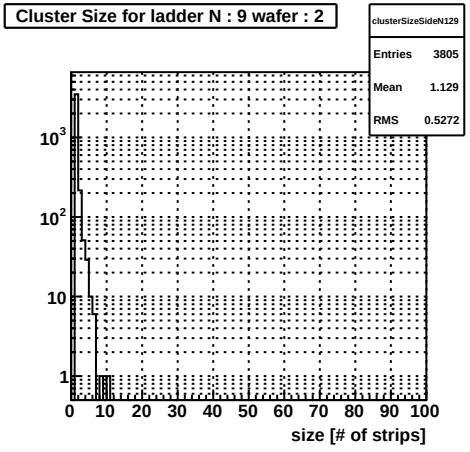

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3863
Mean 1.473
RMS 0.8155
size [# of strips]

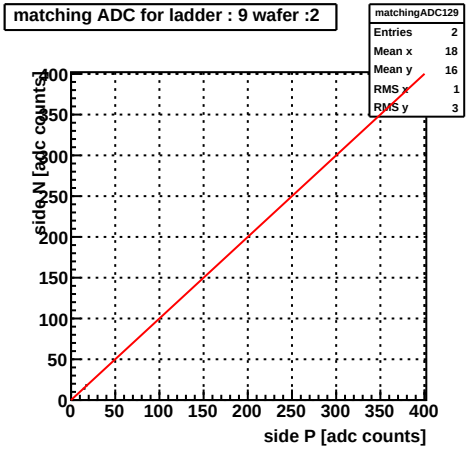

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 46
Mean x 11.52
Mean y 31.91
RMS x 1.281
RMS y 19.05
side N [adc counts]
side P [adc counts]

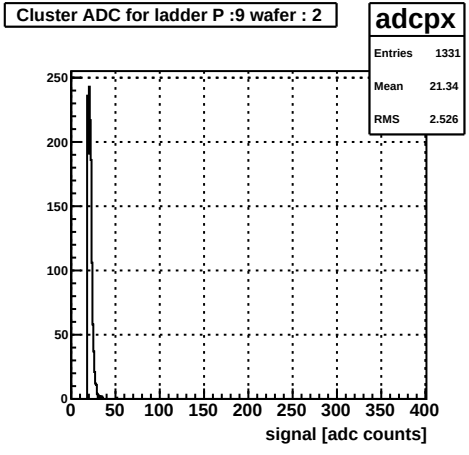

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 14812
Mean 22.78
RMS 5.313
signal [adc counts]

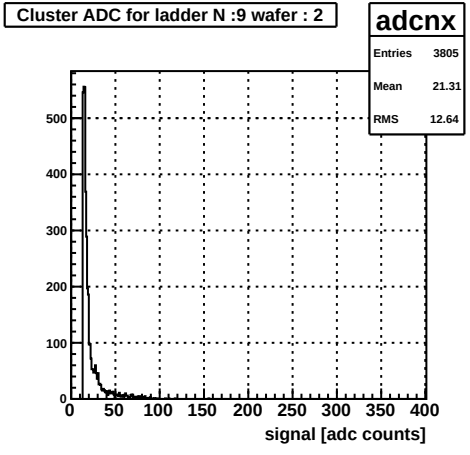

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3863
Mean 32.55
RMS 18.54
signal [adc counts]

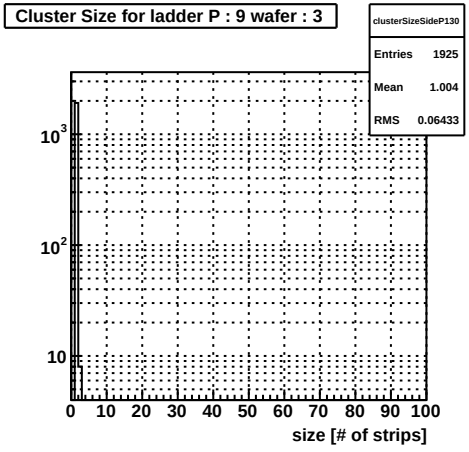

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1331
Mean 1.001
RMS 0.0274
size [# of strips]

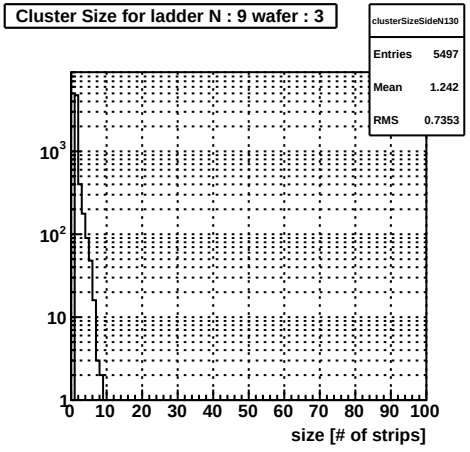

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3805
Mean 1.129
RMS 0.5272
size [# of strips]

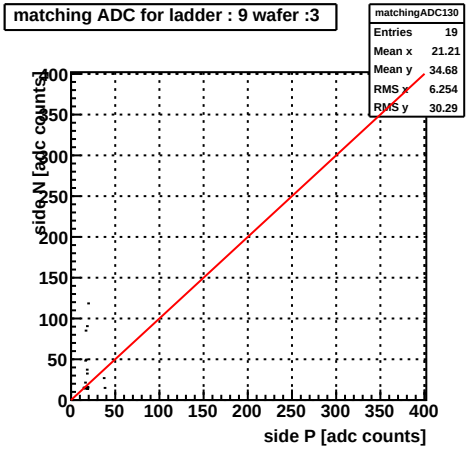

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2
Mean x 18
Mean y 16
RMS x 1
RMS y 3
side N [adc counts]
side P [adc counts]

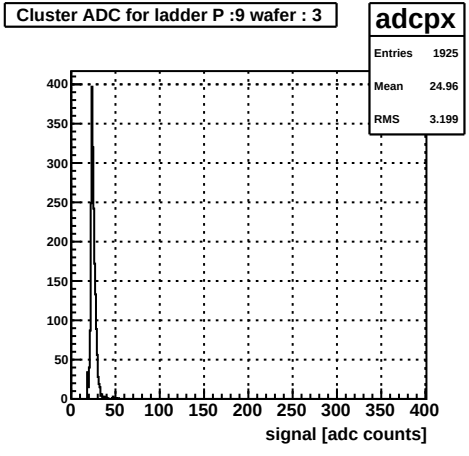

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1331
Mean 21.34
RMS 2.526
signal [adc counts]

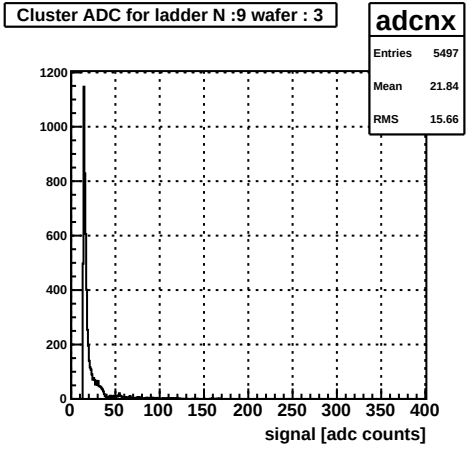

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3805
Mean 21.31
RMS 12.64
signal [adc counts]

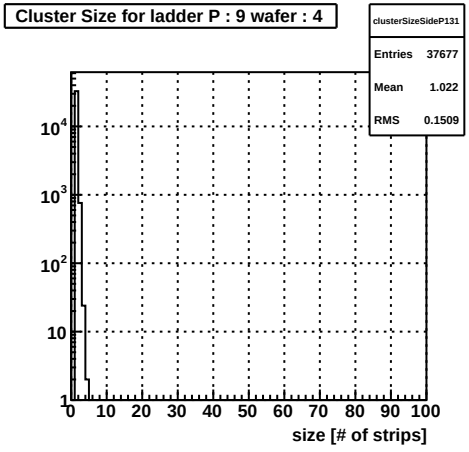

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1925
Mean 1.004
RMS 0.06433
size [# of strips]

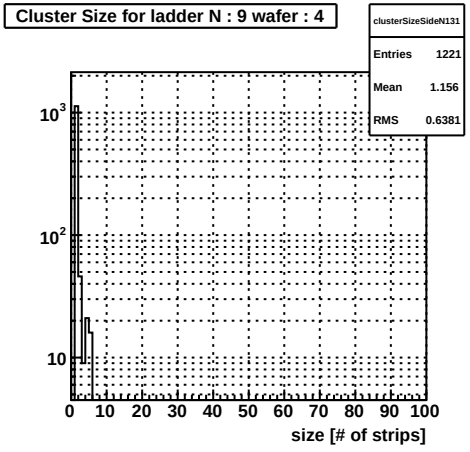

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5497
Mean 1.242
RMS 0.7353
size [# of strips]

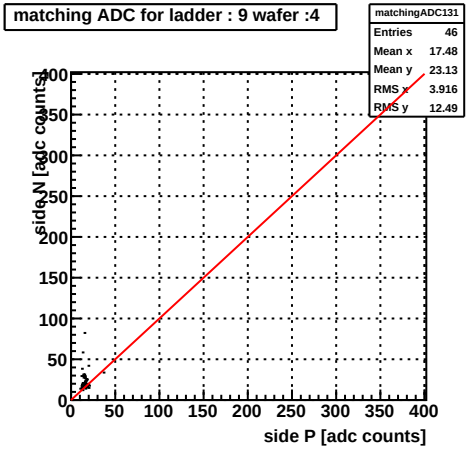

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 19
Mean x 21.21
Mean y 34.68
RMS x 6.254
RMS y 30.29
side N [adc counts]
side P [adc counts]

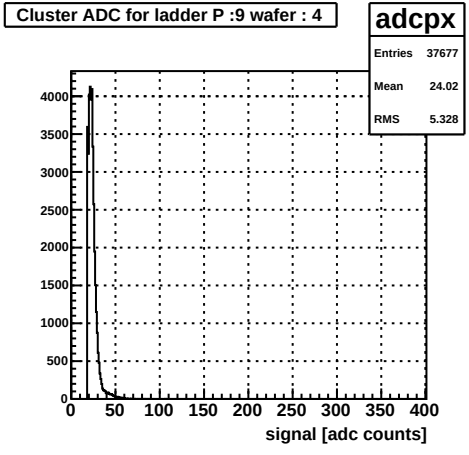

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1925
Mean 24.96
RMS 3.199
signal [adc counts]

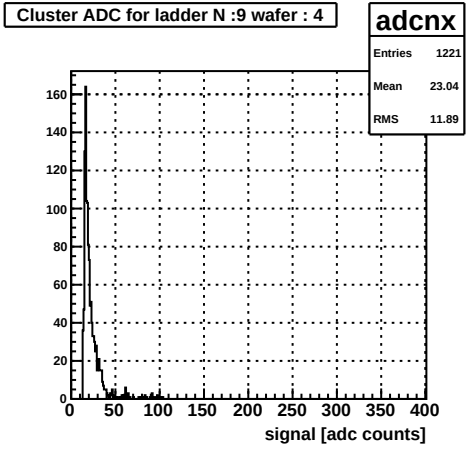

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5497
Mean 21.84
RMS 15.66
signal [adc counts]

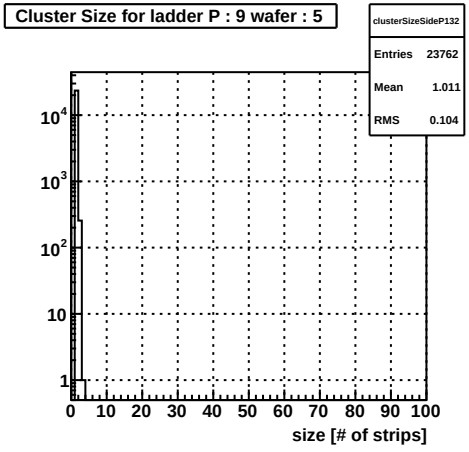

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 37677
Mean 1.022
RMS 0.1509
size [# of strips]

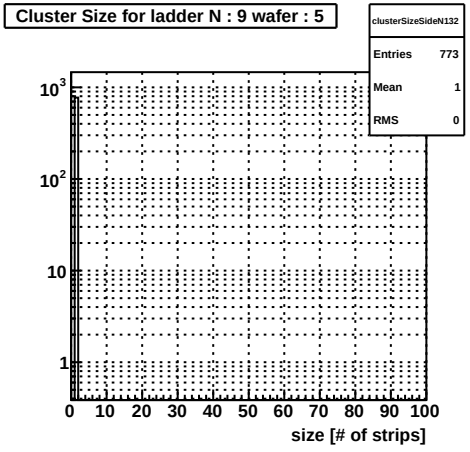

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1221
Mean 1.156
RMS 0.6381
size [# of strips]

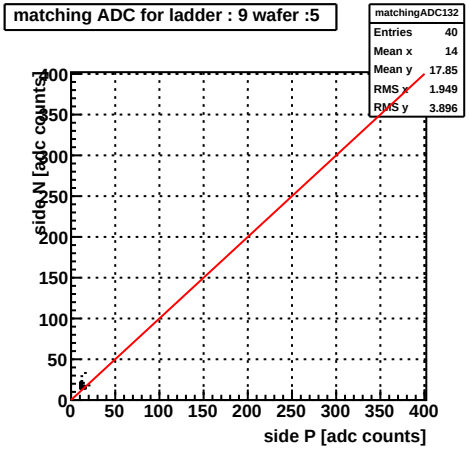

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 46
Mean x 17.48
Mean y 23.13
RMS x 3.916
RMS y 12.49
side N [adc counts]
side P [adc counts]

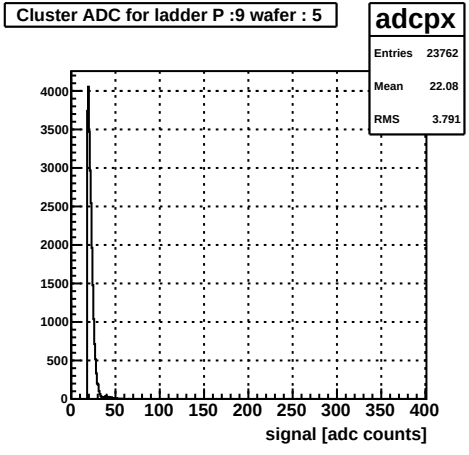

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 37677
Mean 24.02
RMS 5.328
signal [adc counts]

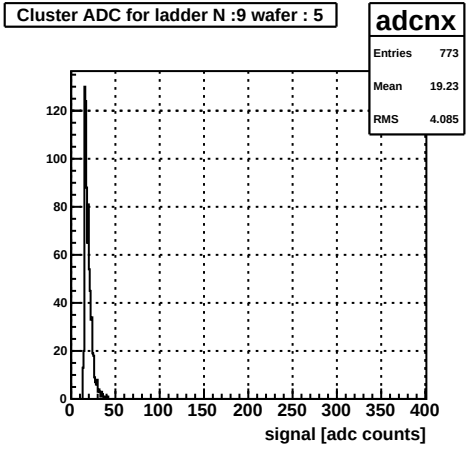

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1221
Mean 23.04
RMS 11.89
signal [adc counts]

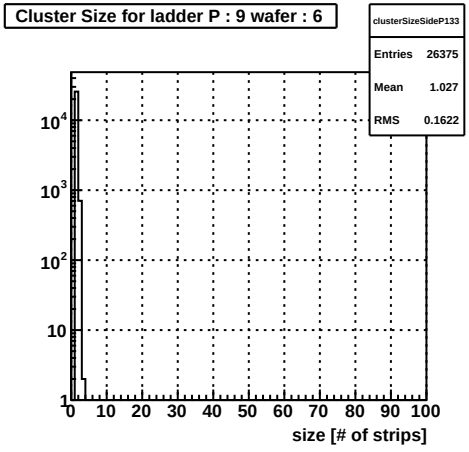

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 23762
Mean 1.011
RMS 0.104
size [# of strips]

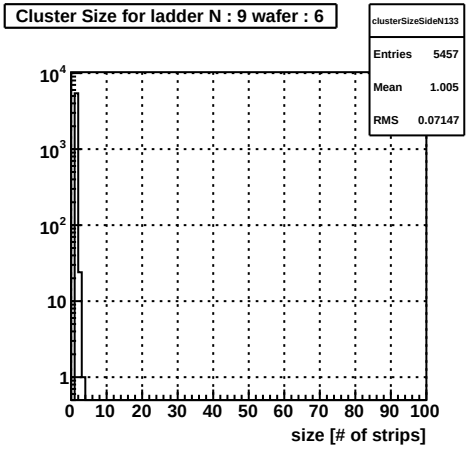

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 773
Mean 1
RMS 0
size [# of strips]

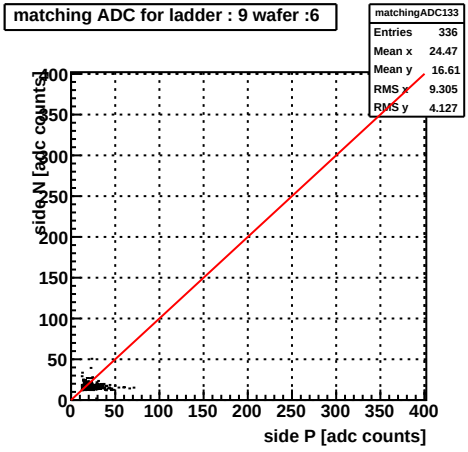

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 40
Mean x 14
Mean y 17.85
RMS x 1.949
RMS y 3.896
side N [adc counts]
side P [adc counts]

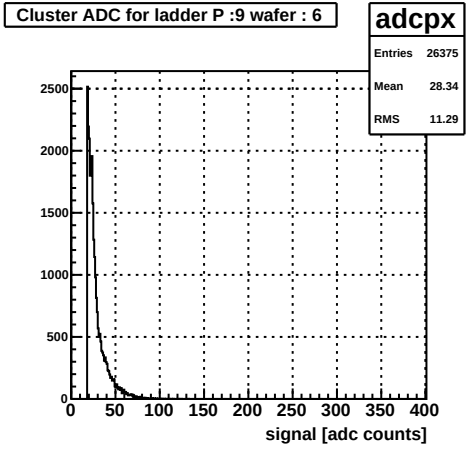

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 23762
Mean 22.08
RMS 3.791
signal [adc counts]

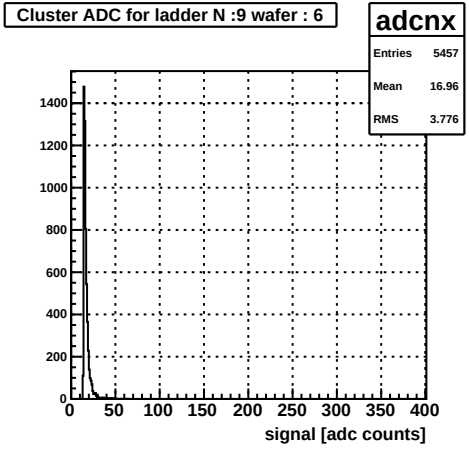

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 773
Mean 19.23
RMS 4.085
signal [adc counts]

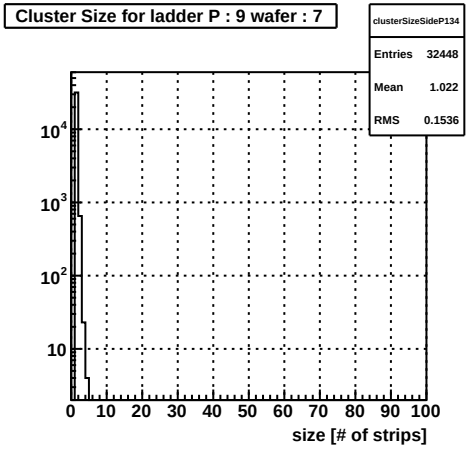

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26375
Mean 1.027
RMS 0.1622
size [# of strips]

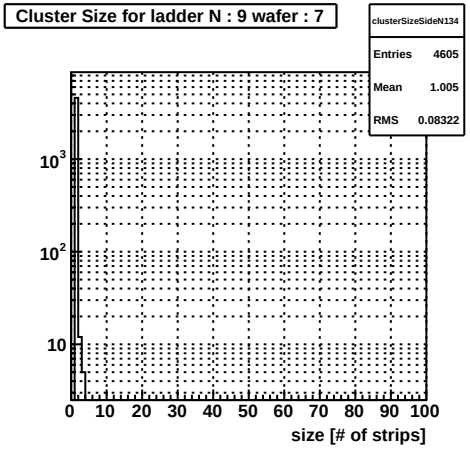

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 5457
Mean 1.005
RMS 0.07147
size [# of strips]

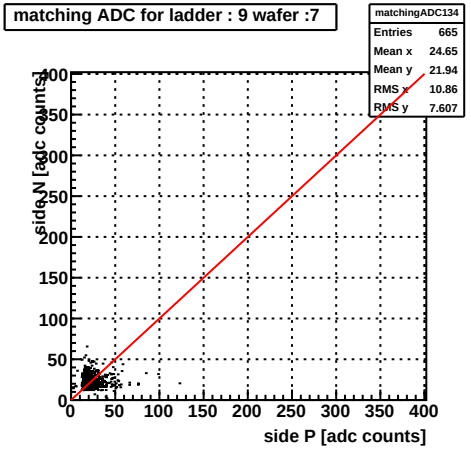

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 336
Mean x 24.47
Mean y 16.61
RMS x 9.305
RMS y 4.127
side N [adc counts]
side P [adc counts]

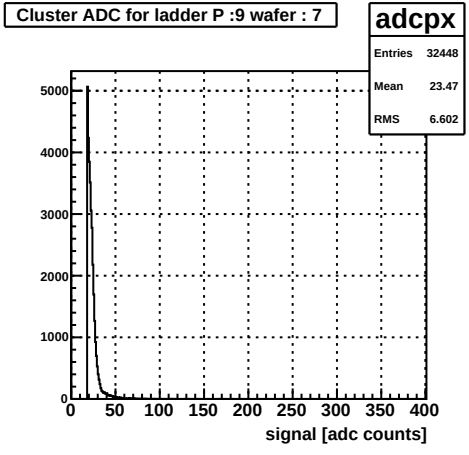

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26375
Mean 28.34
RMS 11.29
signal [adc counts]

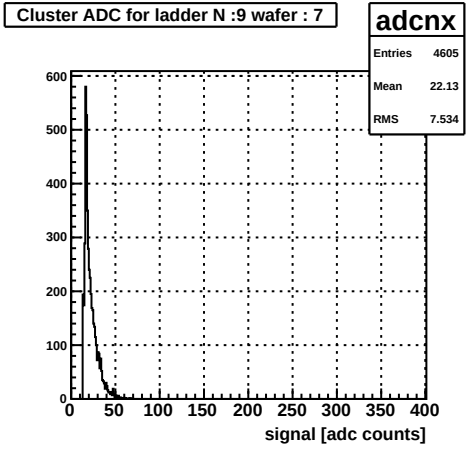

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 5457
Mean 16.96
RMS 3.776
signal [adc counts]

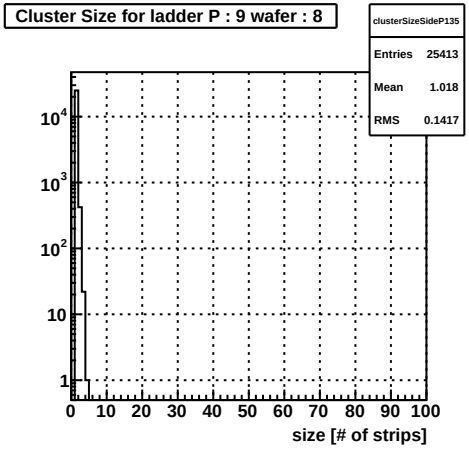

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32448
Mean 1.022
RMS 0.1536
size [# of strips]

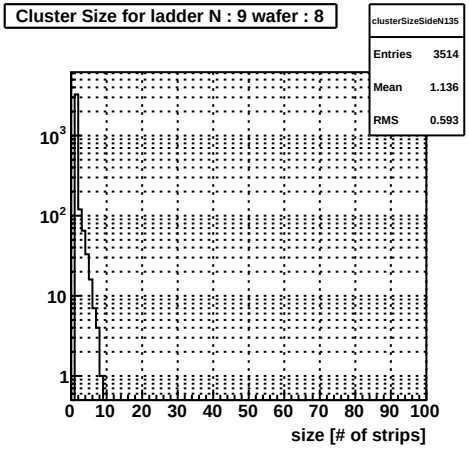

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4605
Mean 1.005
RMS 0.08322
size [# of strips]

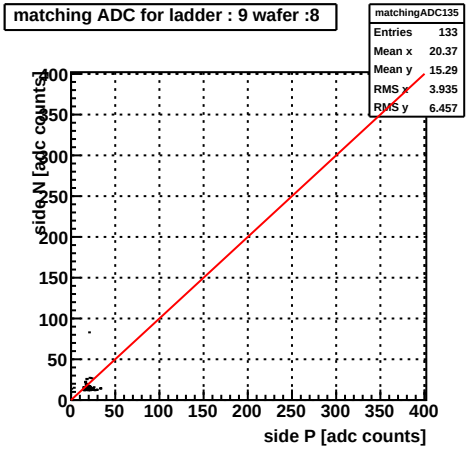

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 665
Mean x 24.65
Mean y 21.94
RMS x 10.86
RMS y 7.607
side N [adc counts]
side P [adc counts]

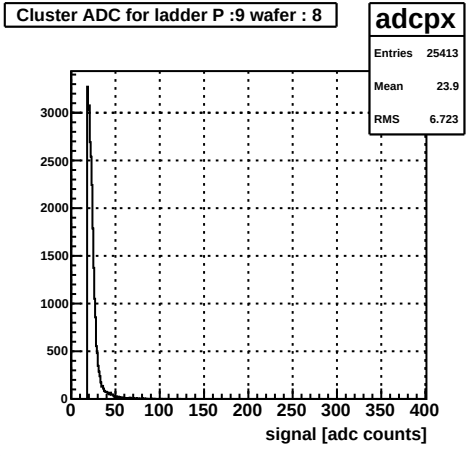

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32448
Mean 23.47
RMS 6.602
signal [adc counts]

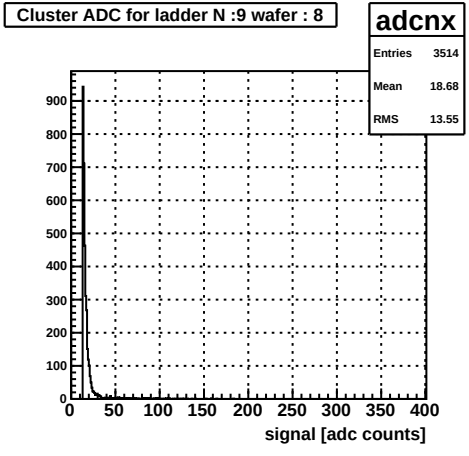

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4605
Mean 22.13
RMS 7.534
signal [adc counts]

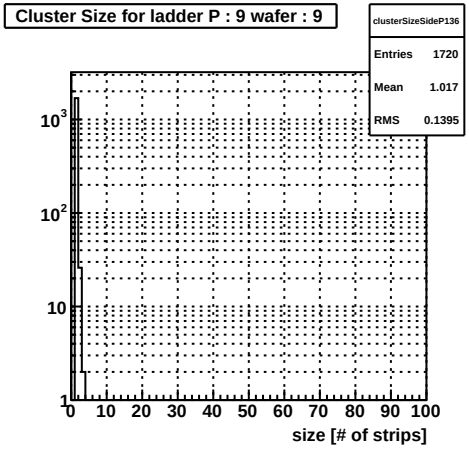

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 25413
Mean 1.018
RMS 0.1417
size [# of strips]

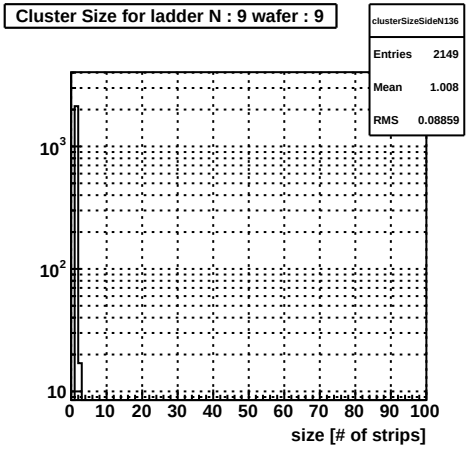

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3514
Mean 1.136
RMS 0.593
size [# of strips]

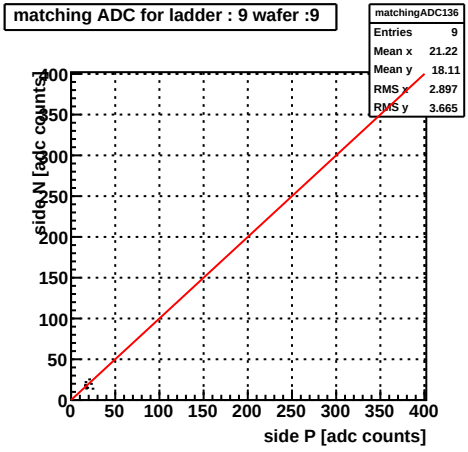

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 133
Mean x 20.37
Mean y 15.29
RMS x 3.935
RMS y 6.457
side N [adc counts]
side P [adc counts]

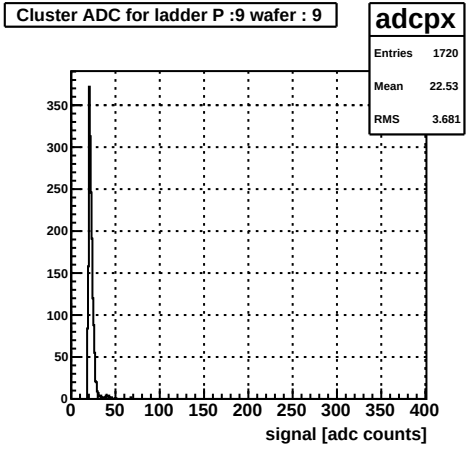

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 25413
Mean 23.9
RMS 6.723
signal [adc counts]

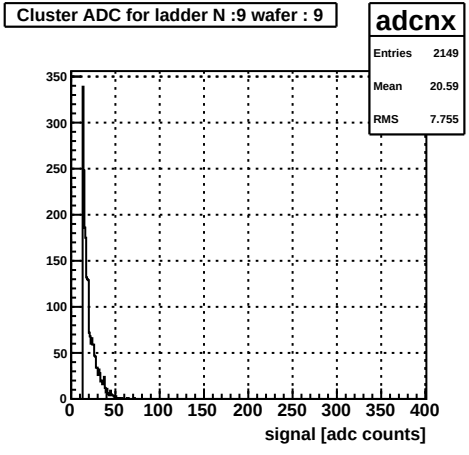

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3514
Mean 18.68
RMS 13.55
signal [adc counts]

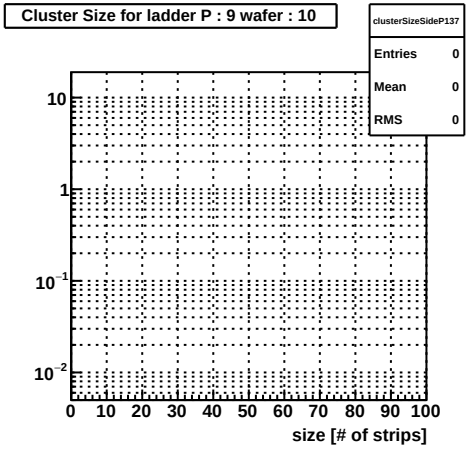

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1720
Mean 1.017
RMS 0.1395
size [# of strips]

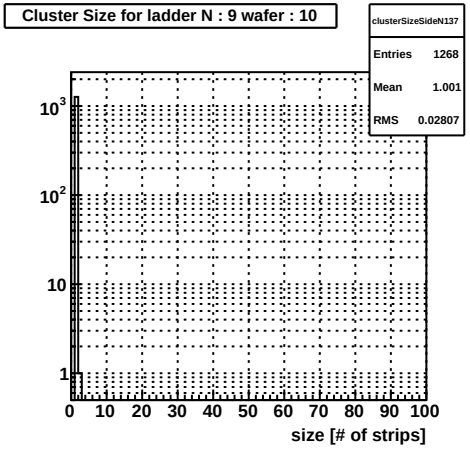

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2149
Mean 1.008
RMS 0.08859
size [# of strips]

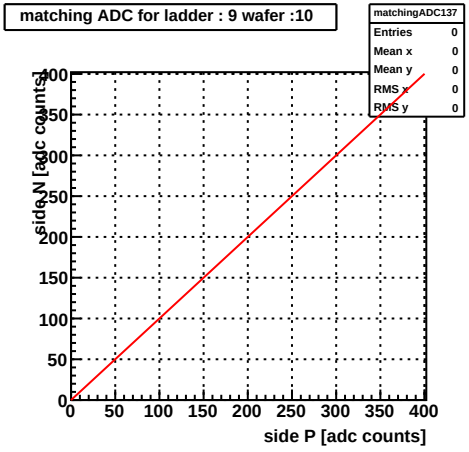

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 9
Mean x 21.22
Mean y 18.11
RMS x 2.897
RMS y 3.665
side N [adc counts]
side P [adc counts]

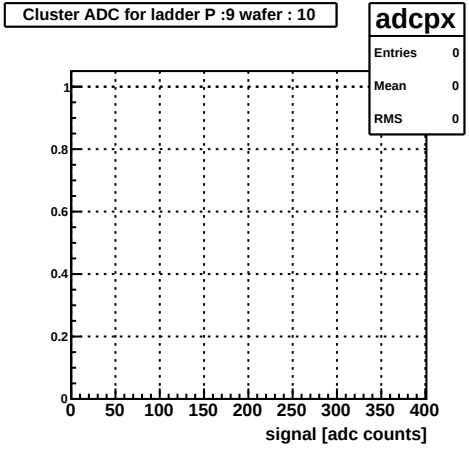

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1720
Mean 22.53
RMS 3.681
signal [adc counts]

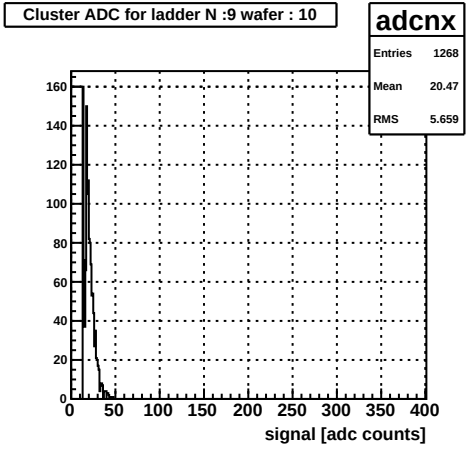

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2149
Mean 20.59
RMS 7.755
signal [adc counts]

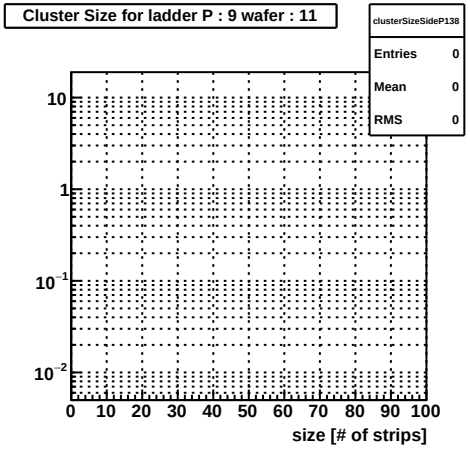

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

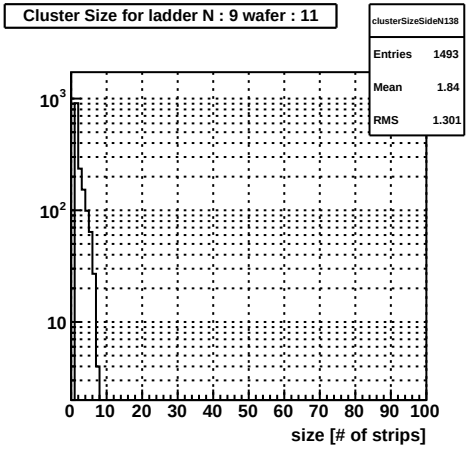

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1268
Mean 1.001
RMS 0.02807
size [# of strips]

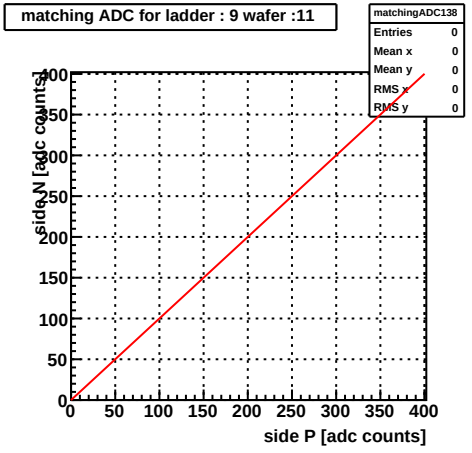

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

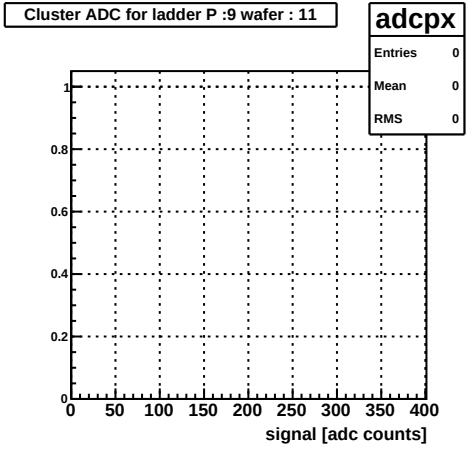

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

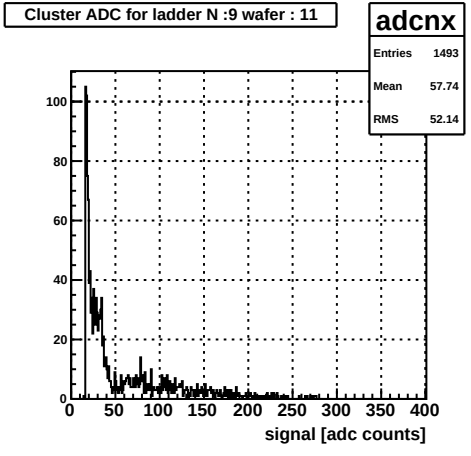

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1268
Mean 20.47
RMS 5.659
signal [adc counts]

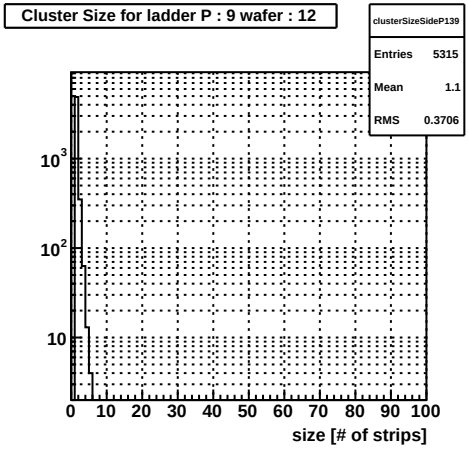

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

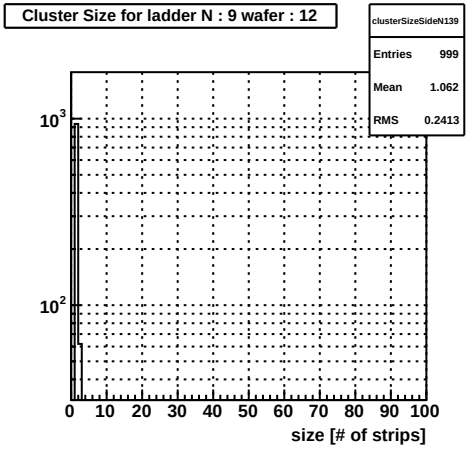

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1493
Mean 1.84
RMS 1.301
size [# of strips]

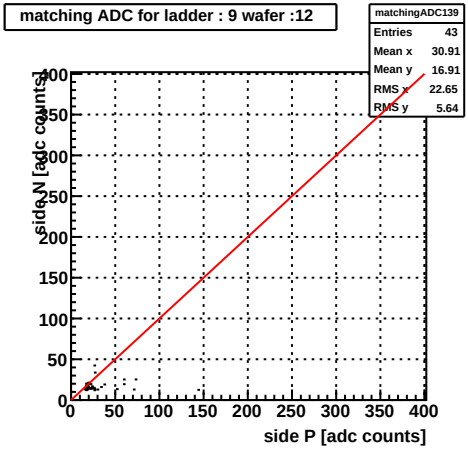

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

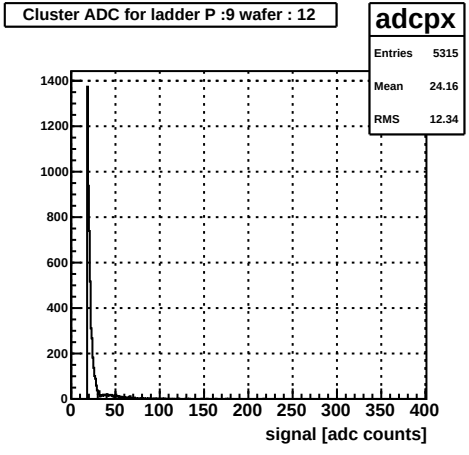

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

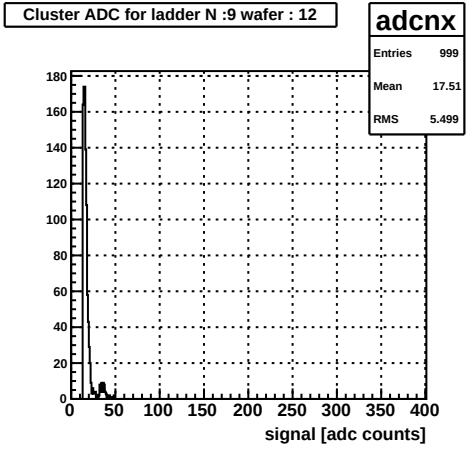

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1493
Mean 57.74
RMS 52.14
signal [adc counts]

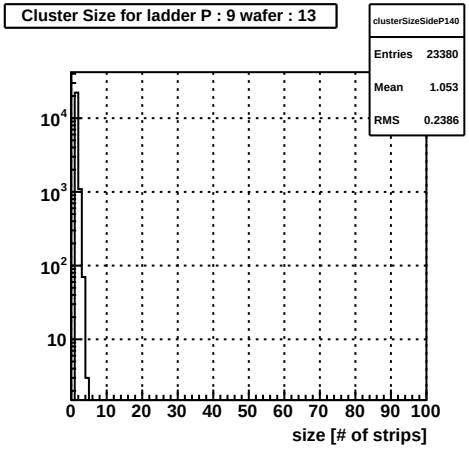

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5315
Mean 1.1
RMS 0.3706
size [# of strips]

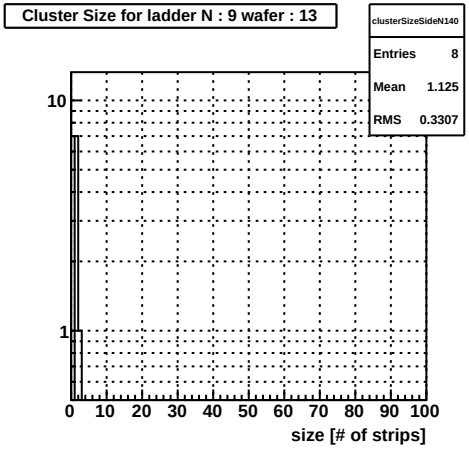

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 999
Mean 1.062
RMS 0.2413
size [# of strips]

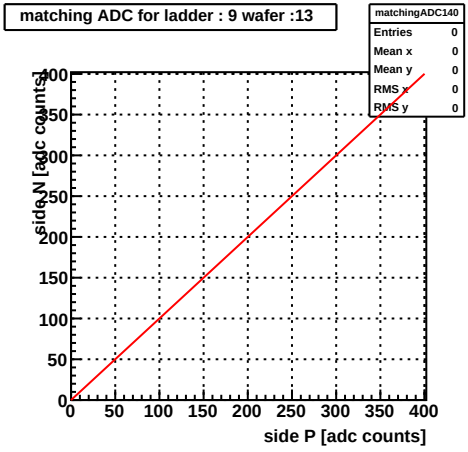

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 43
Mean x 30.91
Mean y 16.91
RMS x 22.65
RMS y 5.64
side N [adc counts]
side P [adc counts]

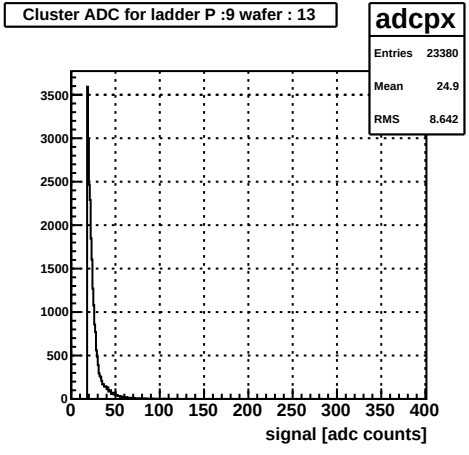

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5315
Mean 24.16
RMS 12.34
signal [adc counts]

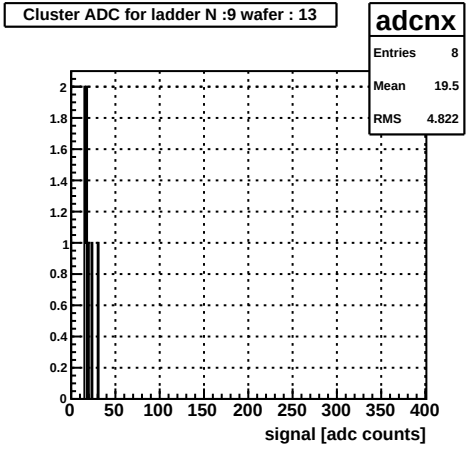

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 999
Mean 17.51
RMS 5.499
signal [adc counts]

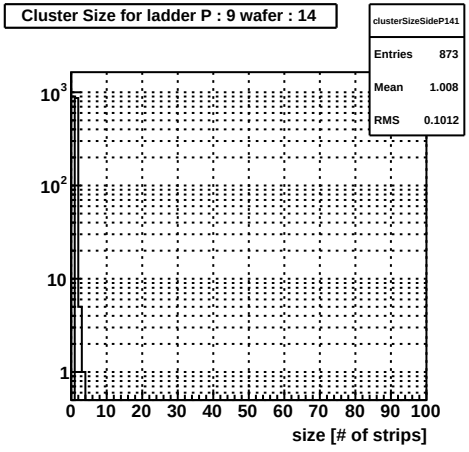

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 23380
Mean 1.053
RMS 0.2386
size [# of strips]

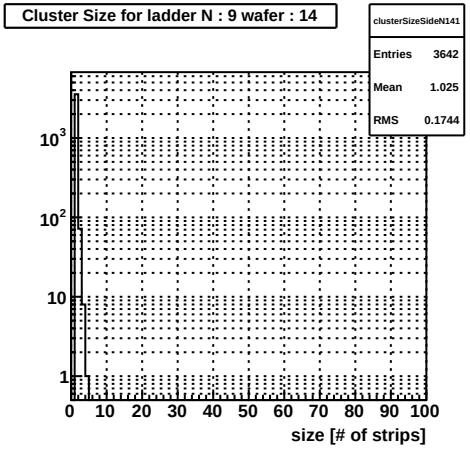

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

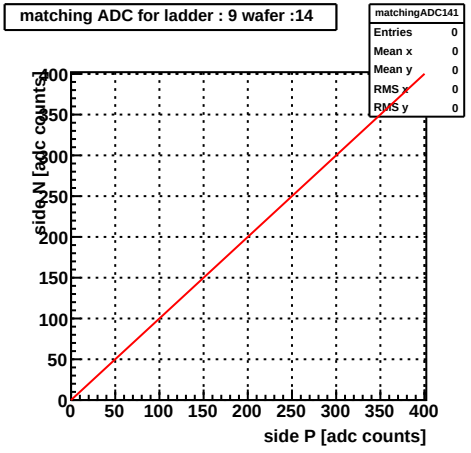

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

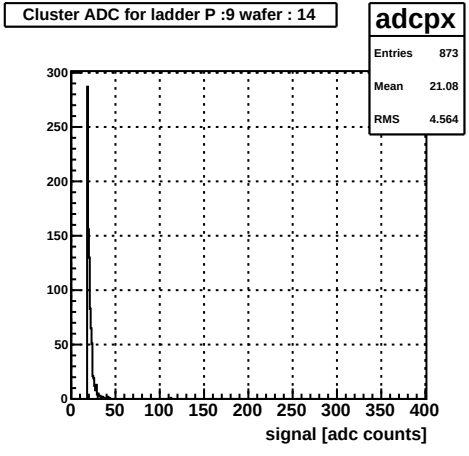

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 23380
Mean 24.9
RMS 8.642
signal [adc counts]

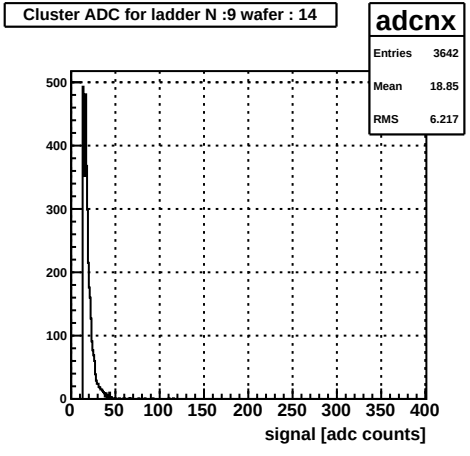

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 8
Mean 19.5
RMS 4.822
signal [adc counts]

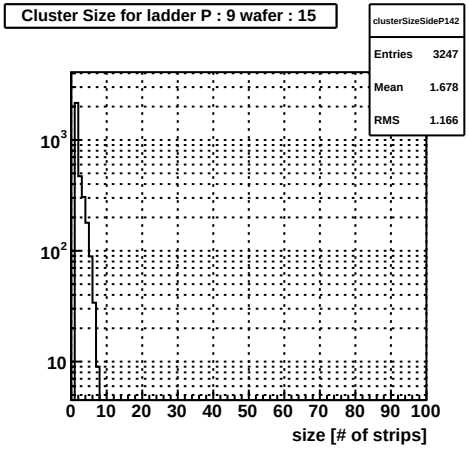

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 873
Mean 1.008
RMS 0.1012
size [# of strips]

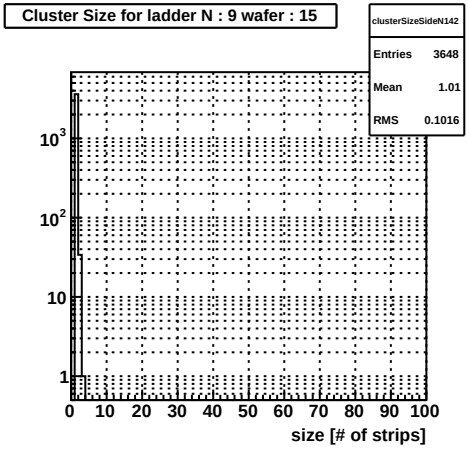

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3642
Mean 1.025
RMS 0.1744
size [# of strips]

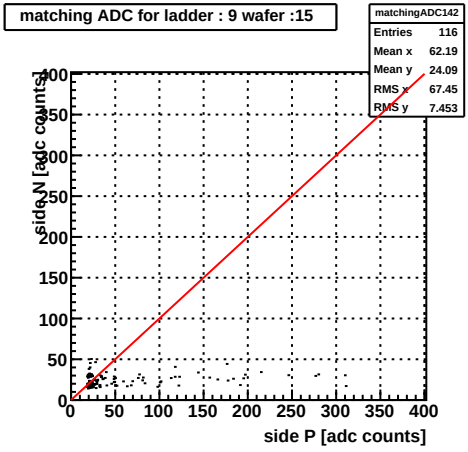

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

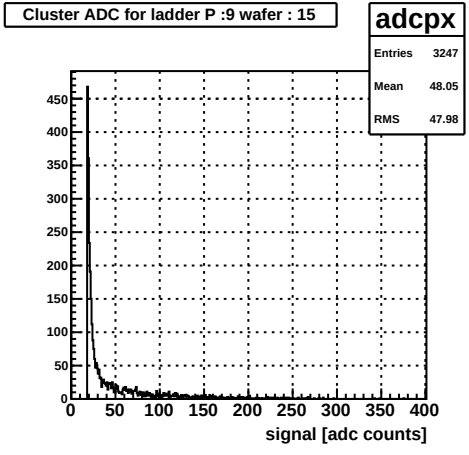

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 873
Mean 21.08
RMS 4.564
signal [adc counts]

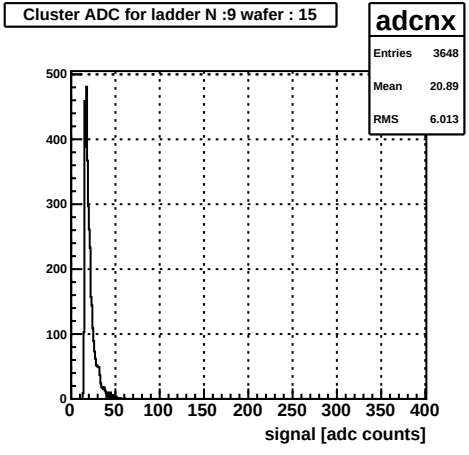

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3642
Mean 18.85
RMS 6.217
signal [adc counts]

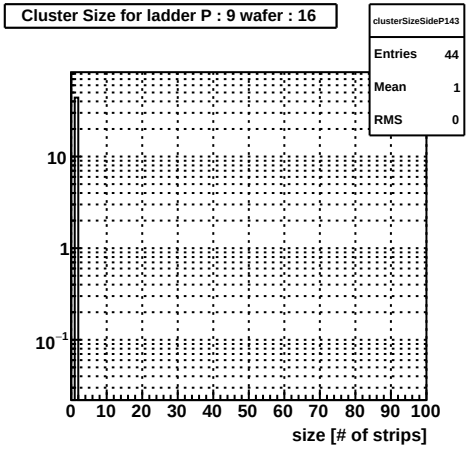

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3247
Mean 1.678
RMS 1.166
size [# of strips]

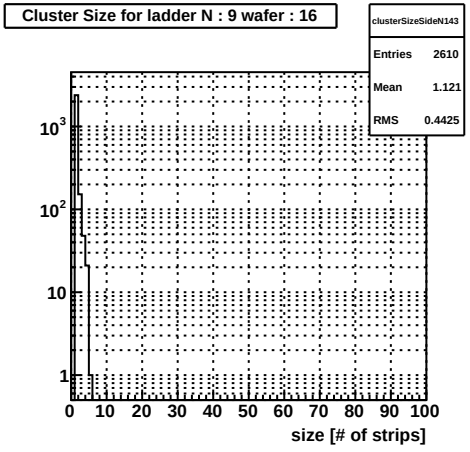

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3648
Mean 1.01
RMS 0.1016
size [# of strips]

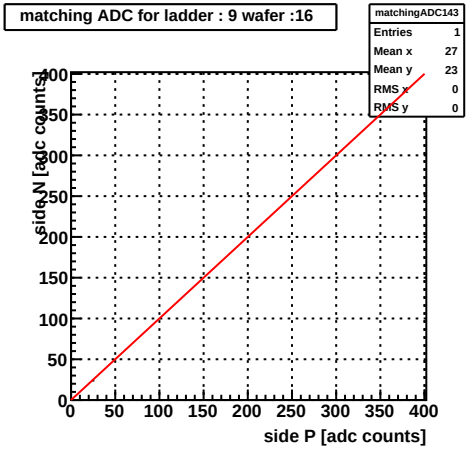

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 116
Mean x 62.19
Mean y 24.09
RMS x 67.45
RMS y 7.453
side N [adc counts]
side P [adc counts]

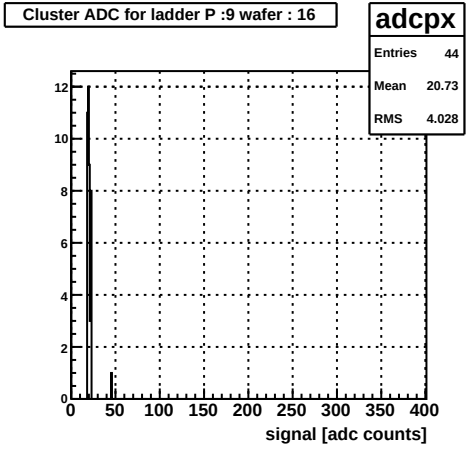

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3247
Mean 48.05
RMS 47.98
signal [adc counts]

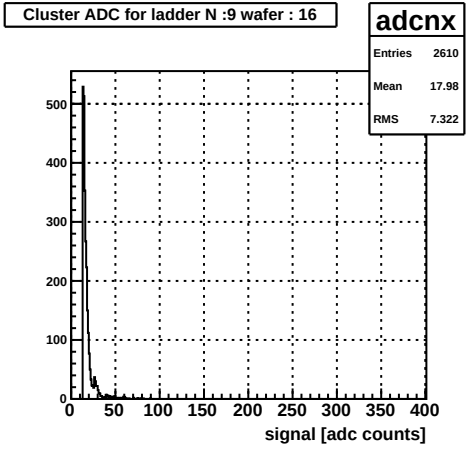

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3648
Mean 20.89
RMS 6.013
signal [adc counts]

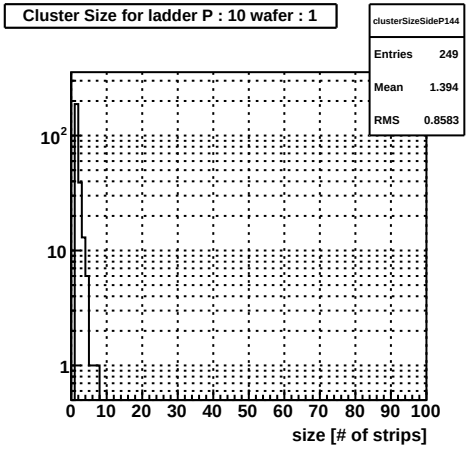

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 44
Mean 1
RMS 0
size [# of strips]

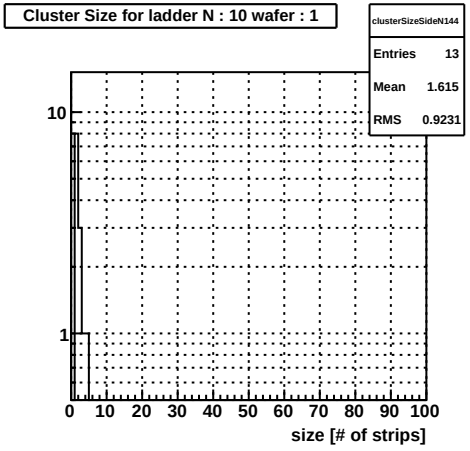

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2610
Mean 1.121
RMS 0.4425
size [# of strips]

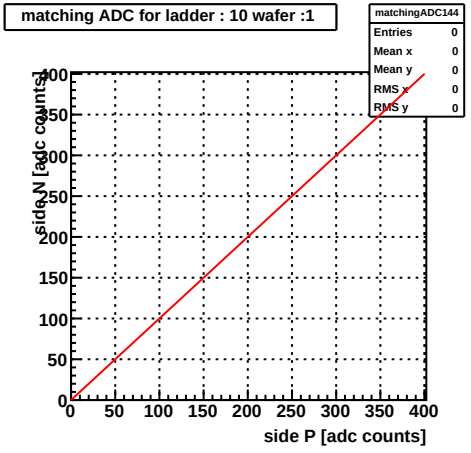

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 1
Mean x 27
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

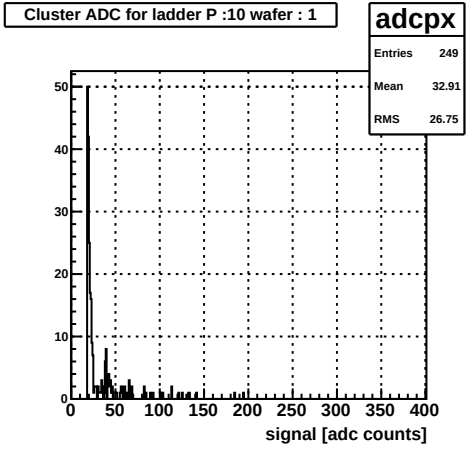

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 44
Mean 20.73
RMS 4.028
signal [adc counts]

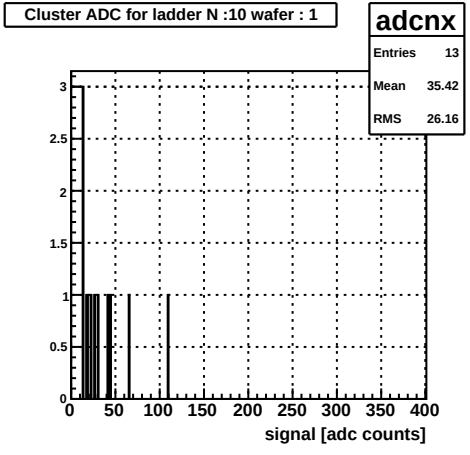

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2610
Mean 17.98
RMS 7.322
signal [adc counts]

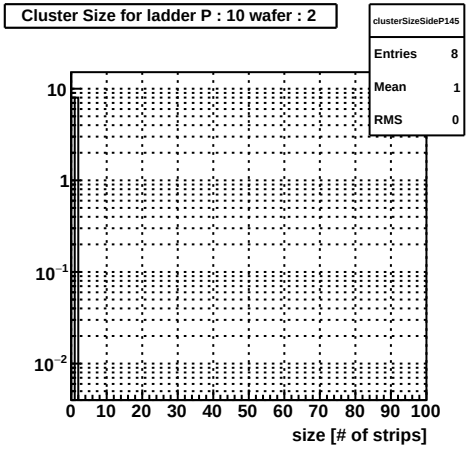

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 249
Mean 1.394
RMS 0.8583
size [# of strips]

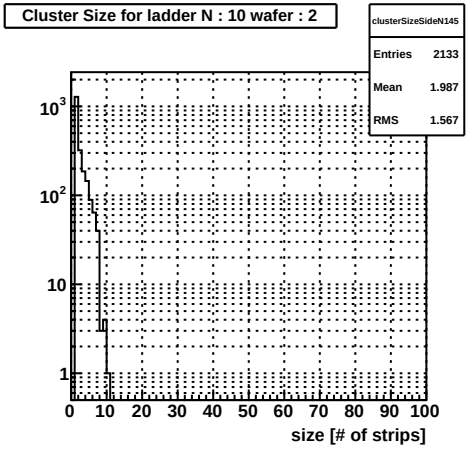

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 13
Mean 1.615
RMS 0.9231
size [# of strips]

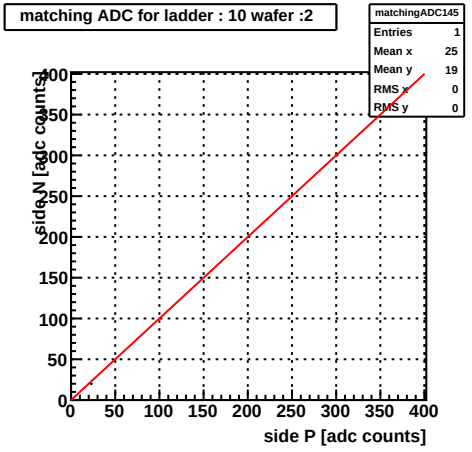

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

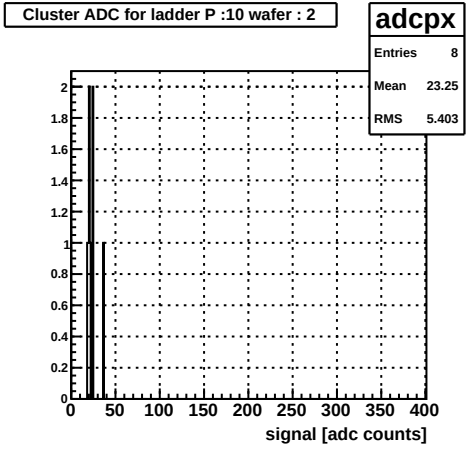

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 249
Mean 32.91
RMS 26.75
signal [adc counts]

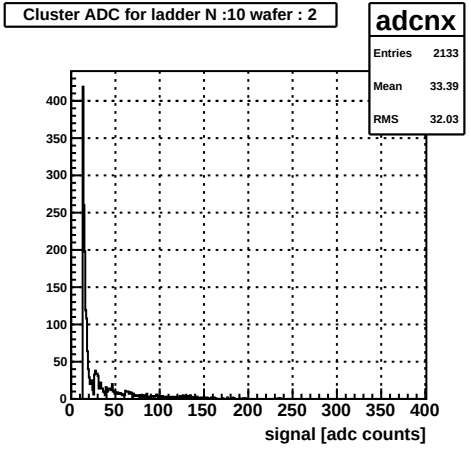

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 13
Mean 35.42
RMS 26.16
signal [adc counts]

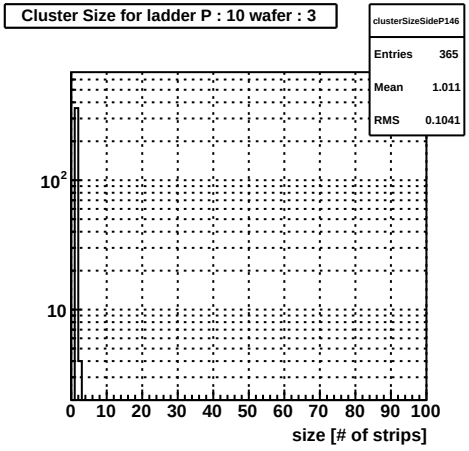

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 8
Mean 1
RMS 0
size [# of strips]

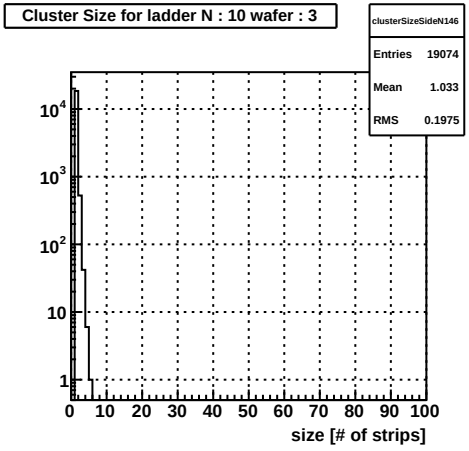

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2133
Mean 1.987
RMS 1.567
size [# of strips]

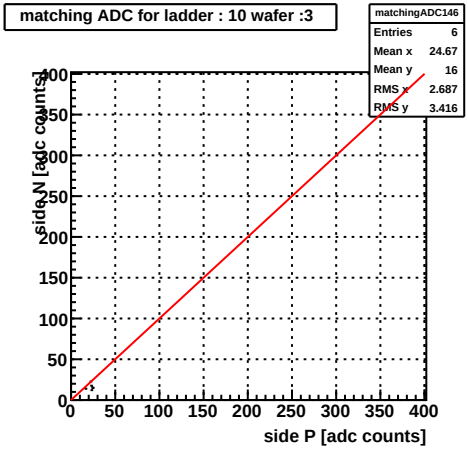

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 1
Mean x 25
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

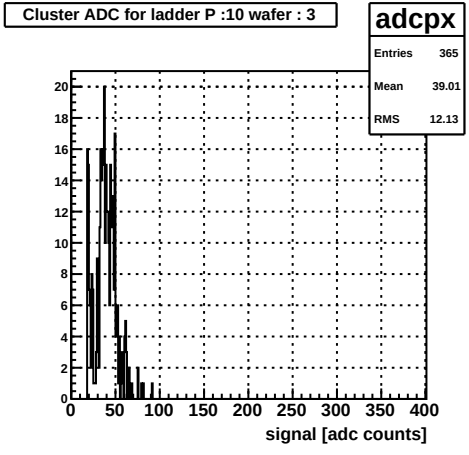

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 8
Mean 23.25
RMS 5.403
signal [adc counts]

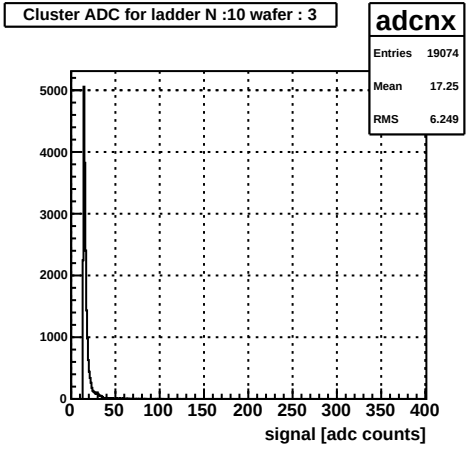

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2133
Mean 33.39
RMS 32.03
signal [adc counts]

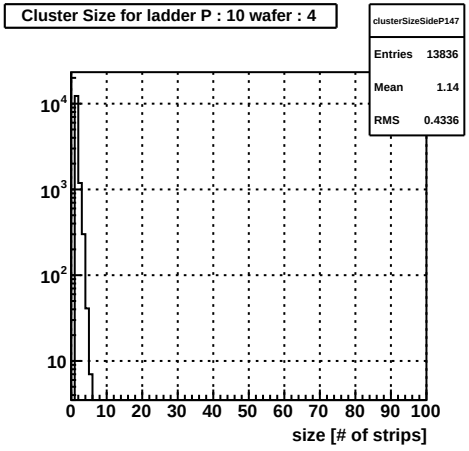

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 365
Mean 1.011
RMS 0.1041
size [# of strips]

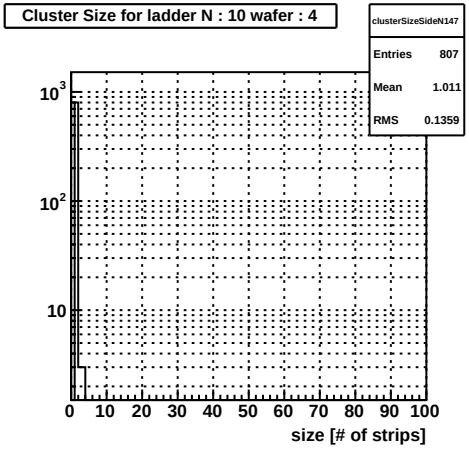

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 19074
Mean 1.033
RMS 0.1975
size [# of strips]

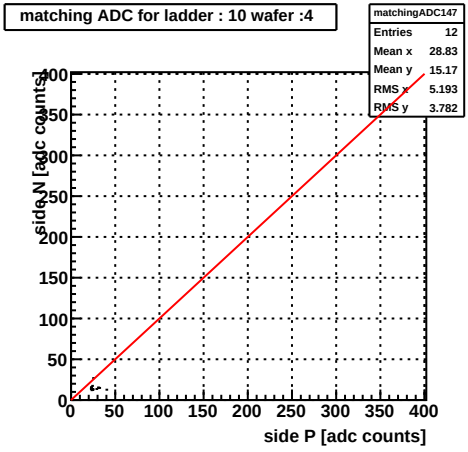

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 6
Mean x 24.67
Mean y 16
RMS x 2.687
RMS y 3.416
side N [adc counts]
side P [adc counts]

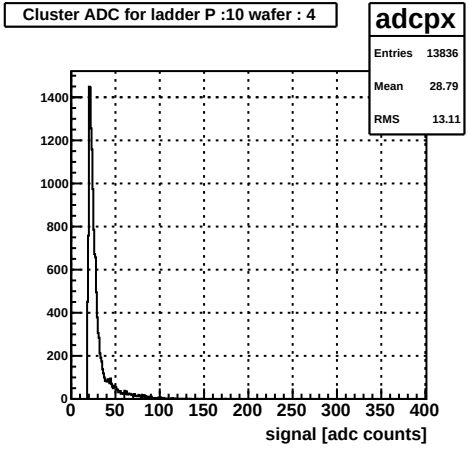

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 365
Mean 39.01
RMS 12.13
signal [adc counts]

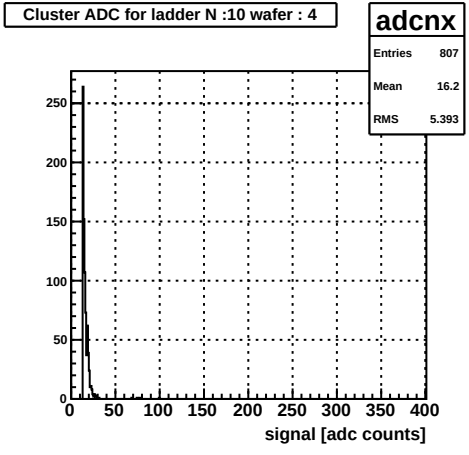

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 19074
Mean 17.25
RMS 6.249
signal [adc counts]

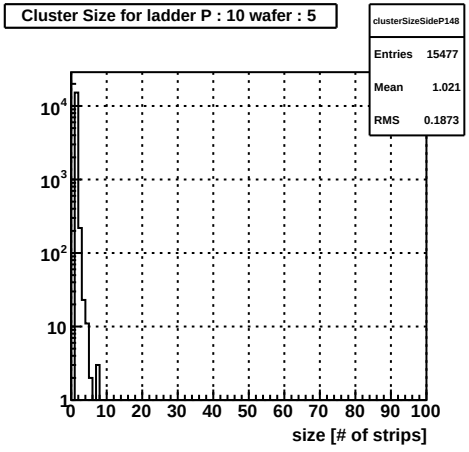

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 13836
Mean 1.14
RMS 0.4336
size [# of strips]

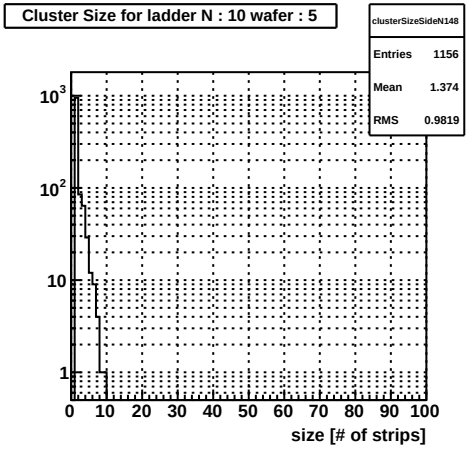

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 807
Mean 1.011
RMS 0.1359
size [# of strips]

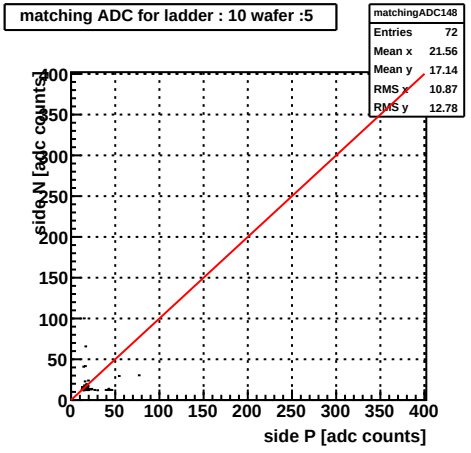

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 12
Mean x 28.83
Mean y 15.17
RMS x 5.193
RMS y 3.782
side N [adc counts]
side P [adc counts]

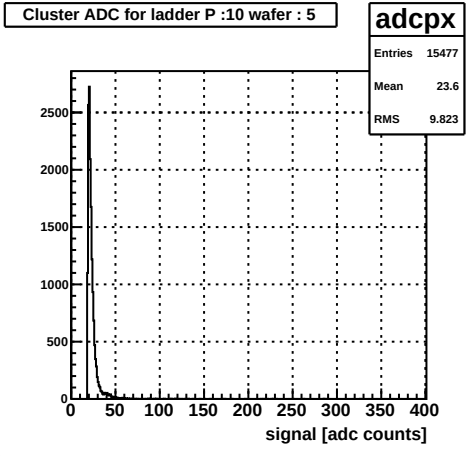

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 13836
Mean 28.79
RMS 13.11
signal [adc counts]

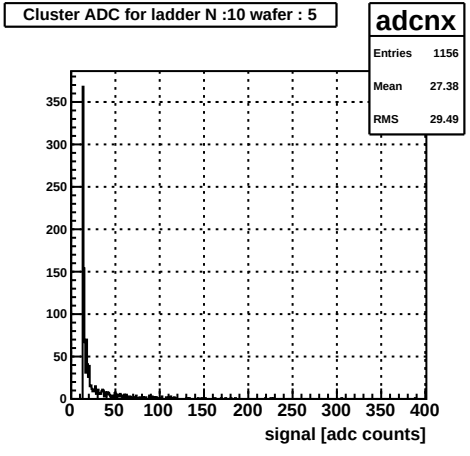

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 807
Mean 16.2
RMS 5.393
signal [adc counts]

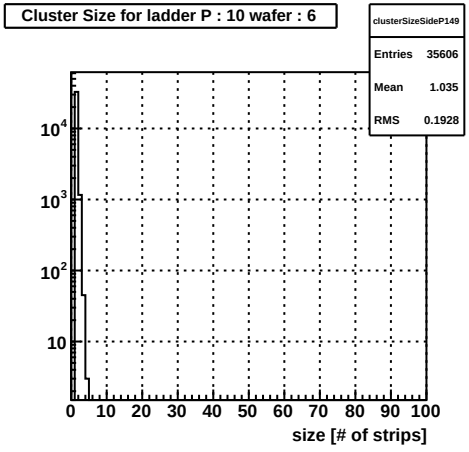

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 15477
Mean 1.021
RMS 0.1873
size [# of strips]

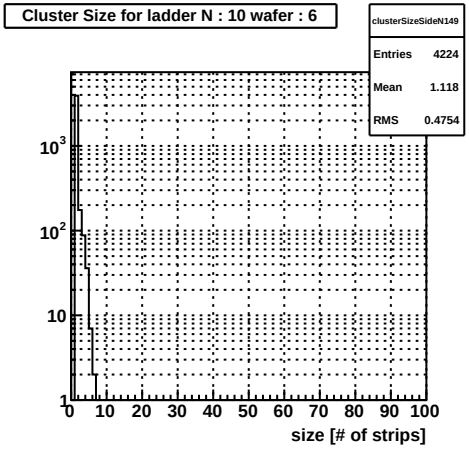

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1156
Mean 1.374
RMS 0.9819
size [# of strips]

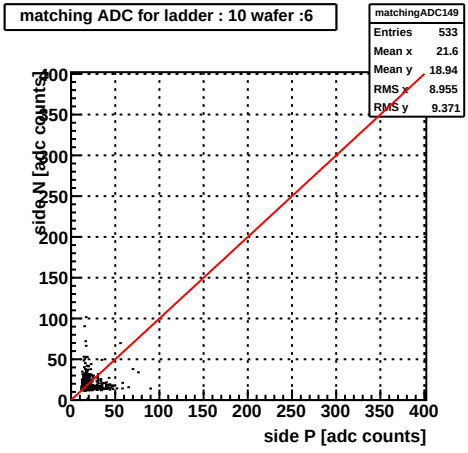

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 72
Mean x 21.56
Mean y 17.14
RMS x 10.87
RMS y 12.78
side N [adc counts]
side P [adc counts]

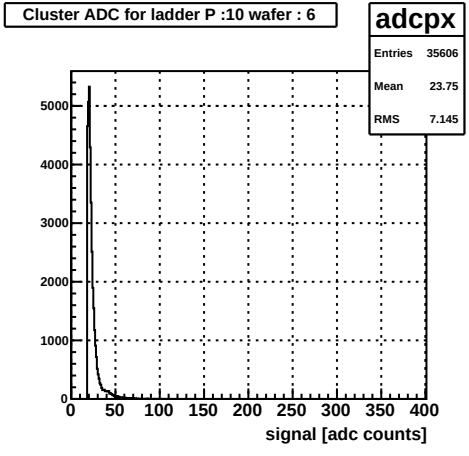

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 15477
Mean 23.6
RMS 9.823
signal [adc counts]

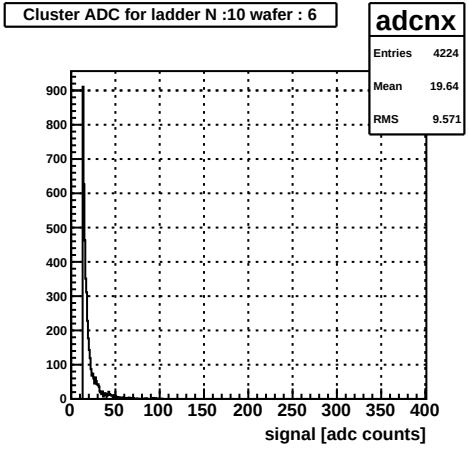

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1156
Mean 27.38
RMS 29.49
signal [adc counts]

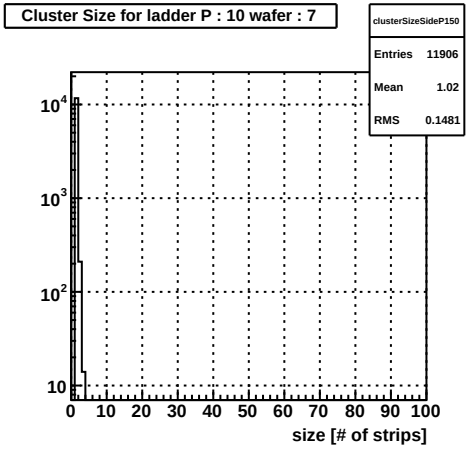

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 35606
Mean 1.035
RMS 0.1928
size [# of strips]

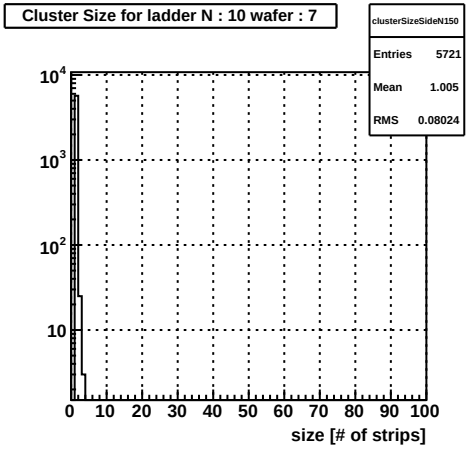

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4224
Mean 1.118
RMS 0.4754
size [# of strips]

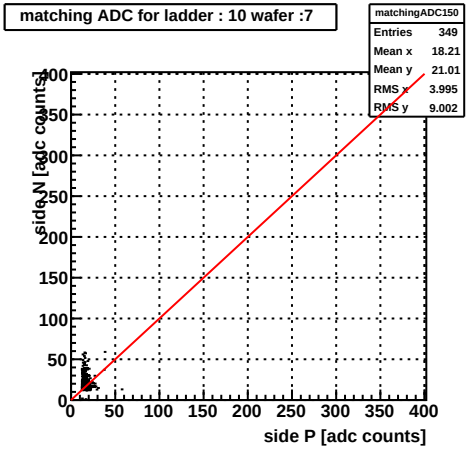

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 533
Mean x 21.6
Mean y 18.94
RMS x 8.955
RMS y 9.371
side N [adc counts]
side P [adc counts]

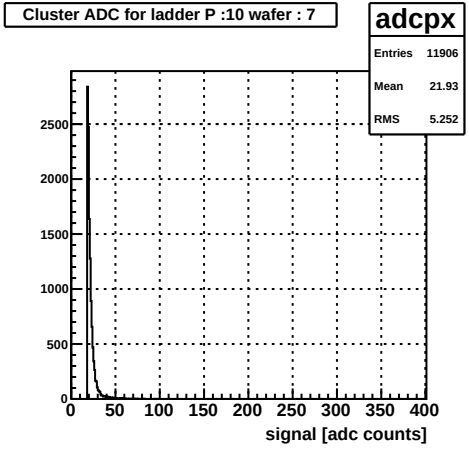

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 35606
Mean 23.75
RMS 7.145
signal [adc counts]

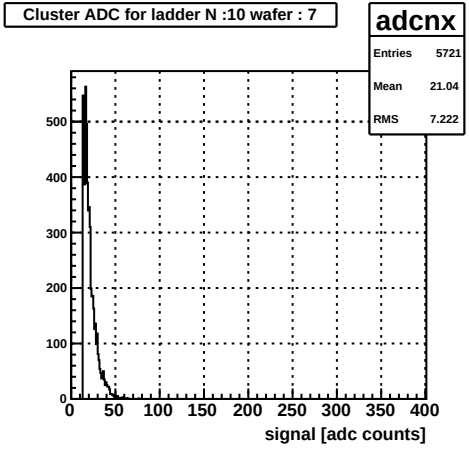

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4224
Mean 19.64
RMS 9.571
signal [adc counts]

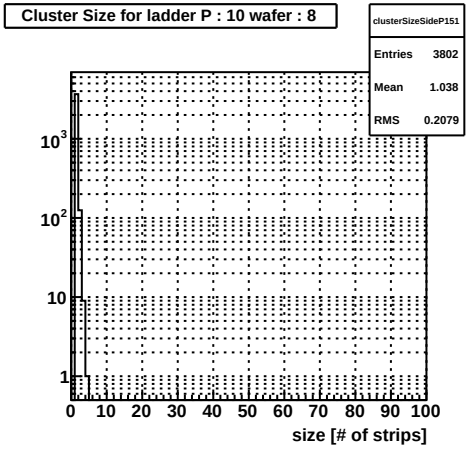

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11906
Mean 1.02
RMS 0.1481
size [# of strips]

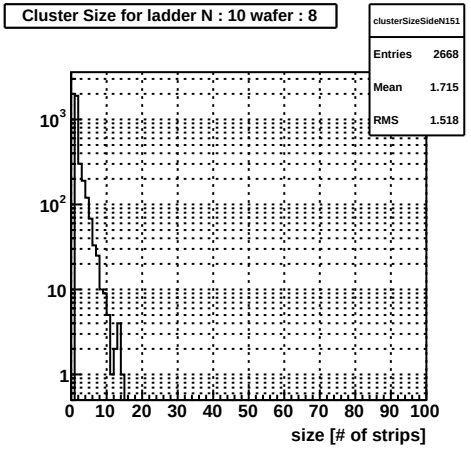

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5721
Mean 1.005
RMS 0.08024
size [# of strips]

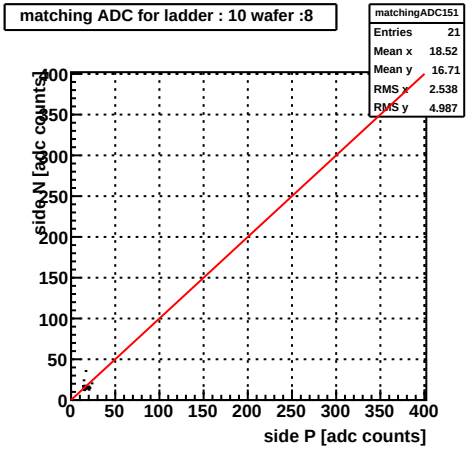

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 349
Mean x 18.21
Mean y 21.01
RMS x 3.995
RMS y 9.002
side N [adc counts]
side P [adc counts]

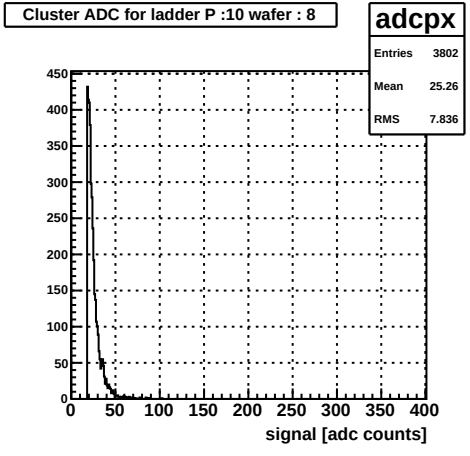

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11906
Mean 21.93
RMS 5.252
signal [adc counts]

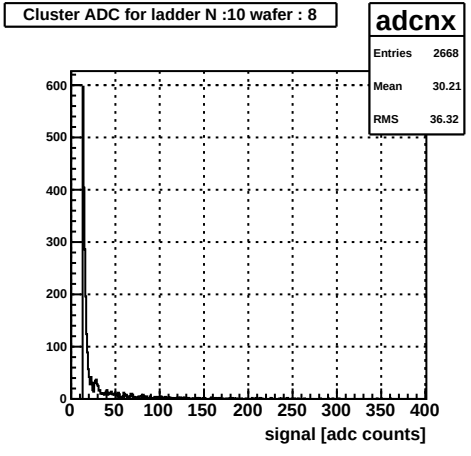

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5721
Mean 21.04
RMS 7.222
signal [adc counts]

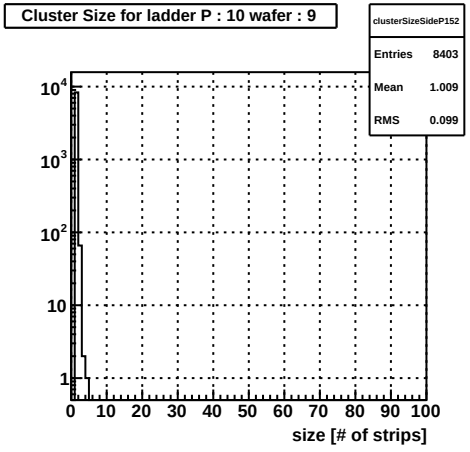

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3802
Mean 1.038
RMS 0.2079
size [# of strips]

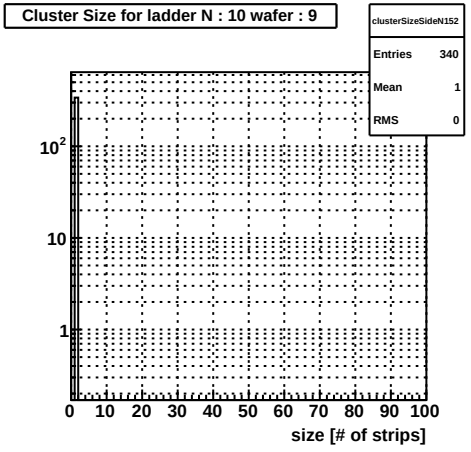

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2668
Mean 1.715
RMS 1.518
size [# of strips]

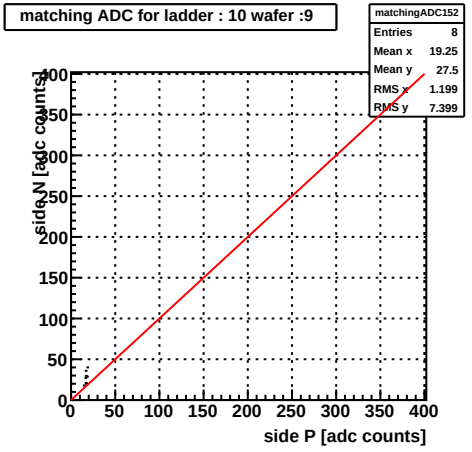

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 21
Mean x 18.52
Mean y 16.71
RMS x 2.538
RMS y 4.987
side N [adc counts]
side P [adc counts]

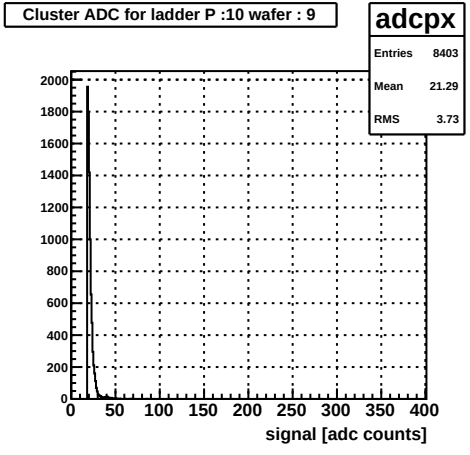

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3802
Mean 25.26
RMS 7.836
signal [adc counts]

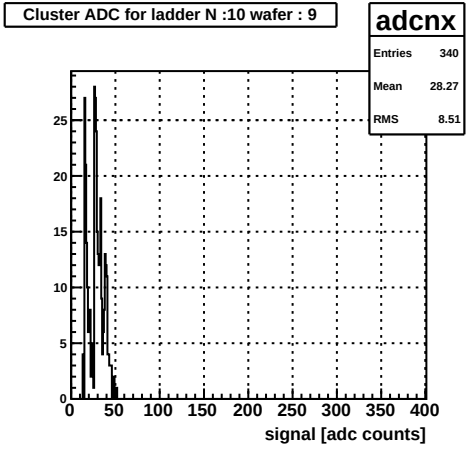

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2668
Mean 30.21
RMS 36.32
signal [adc counts]

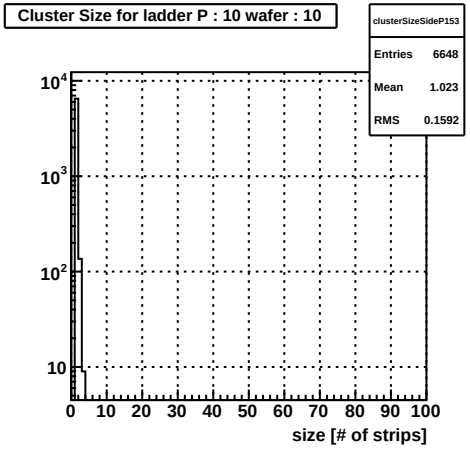

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 8403
Mean 1.009
RMS 0.099
size [# of strips]

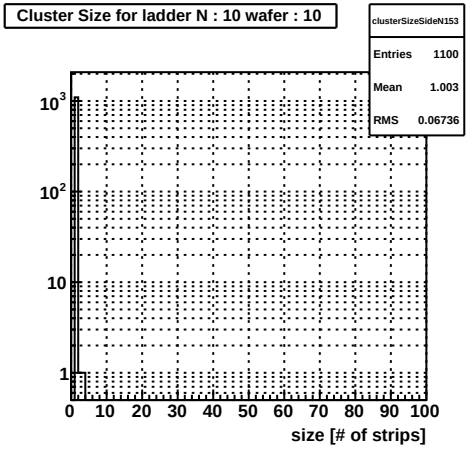

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 340
Mean 1
RMS 0
size [# of strips]

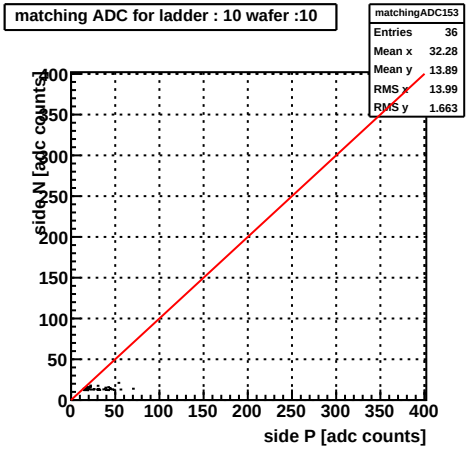

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 8
Mean x 19.25
Mean y 27.5
RMS x 1.199
RMS y 7.399
side N [adc counts]
side P [adc counts]

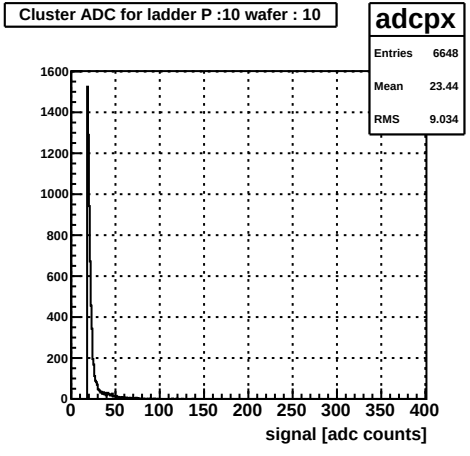

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 8403
Mean 21.29
RMS 3.73
signal [adc counts]

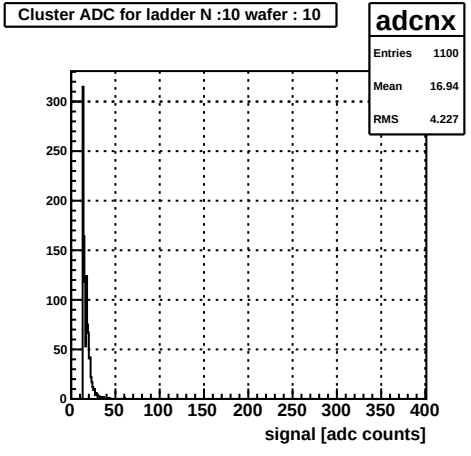

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 340
Mean 28.27
RMS 8.51
signal [adc counts]

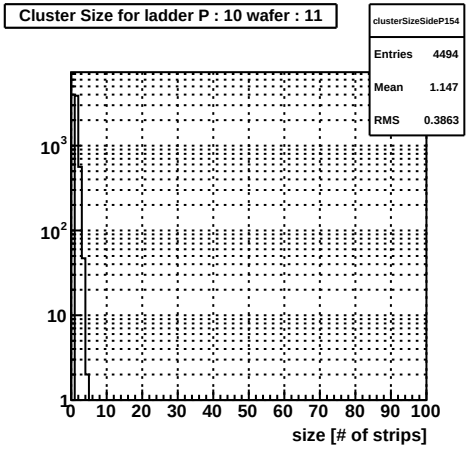

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6648
Mean 1.023
RMS 0.1592
size [# of strips]

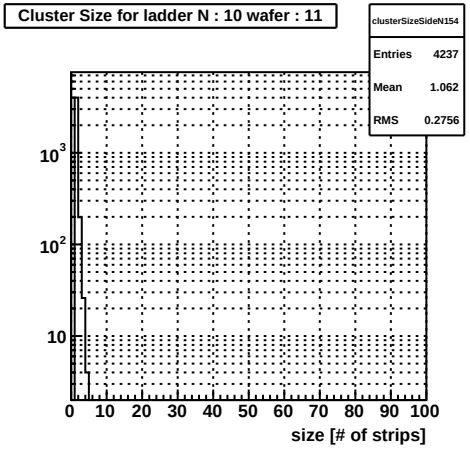

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1100
Mean 1.003
RMS 0.06736
size [# of strips]

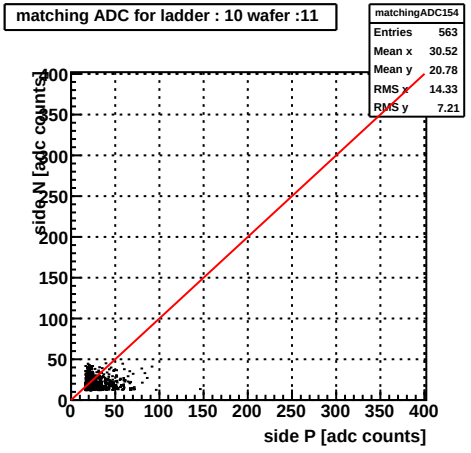

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 36
Mean x 32.28
Mean y 13.89
RMS x 13.99
RMS y 1.663
side N [adc counts]
side P [adc counts]

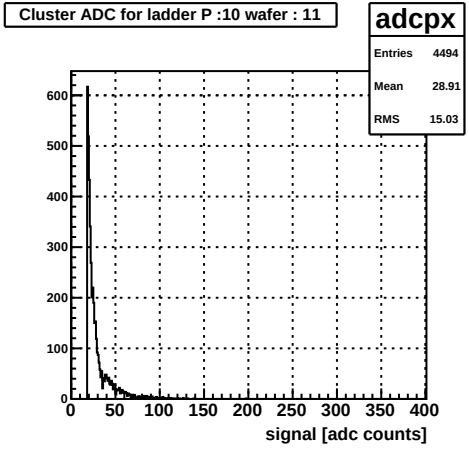

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6648
Mean 23.44
RMS 9.034
signal [adc counts]

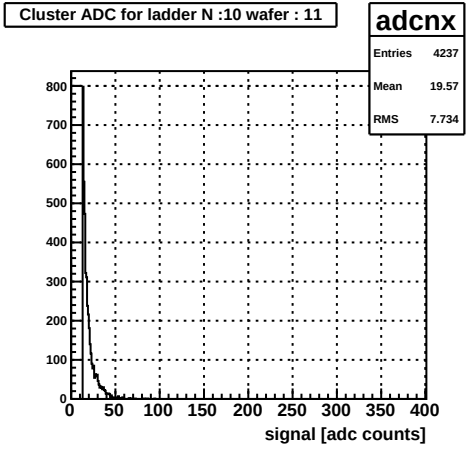

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1100
Mean 16.94
RMS 4.227
signal [adc counts]

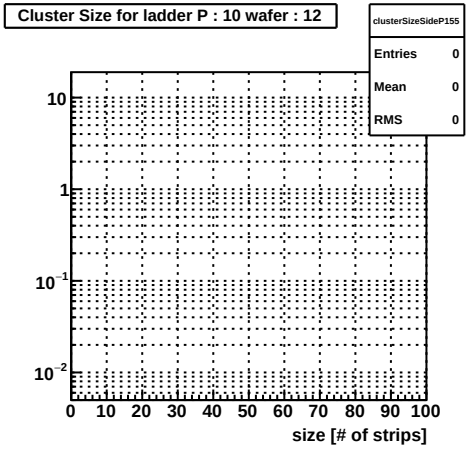

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4494
Mean 1.147
RMS 0.3863
size [# of strips]

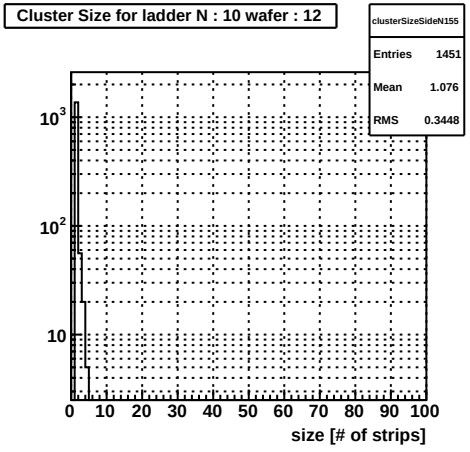

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4237
Mean 1.062
RMS 0.2756
size [# of strips]

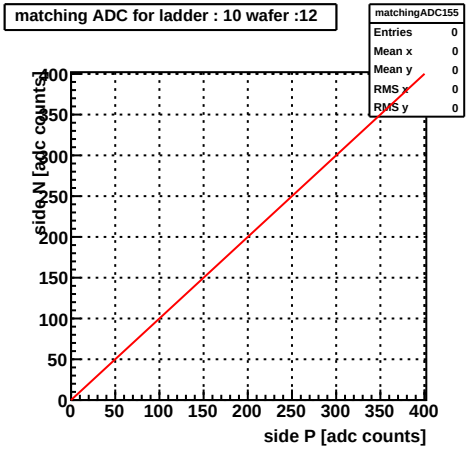

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 563
Mean x 30.52
Mean y 20.78
RMS x 14.33
RMS y 7.21
side N [adc counts]
side P [adc counts]

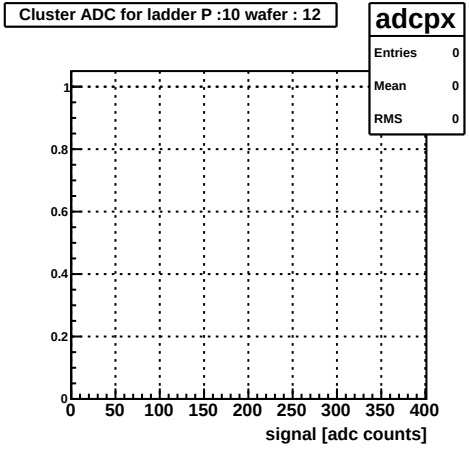

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4494
Mean 28.91
RMS 15.03
signal [adc counts]

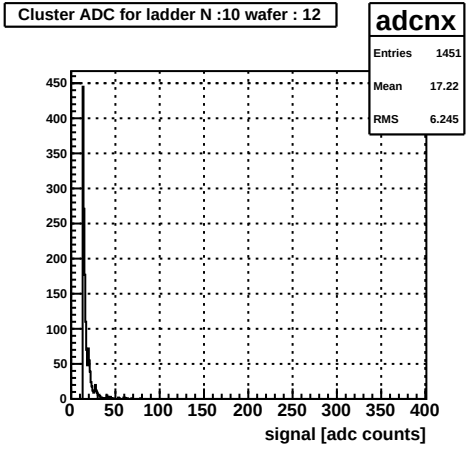

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4237
Mean 19.57
RMS 7.734
signal [adc counts]

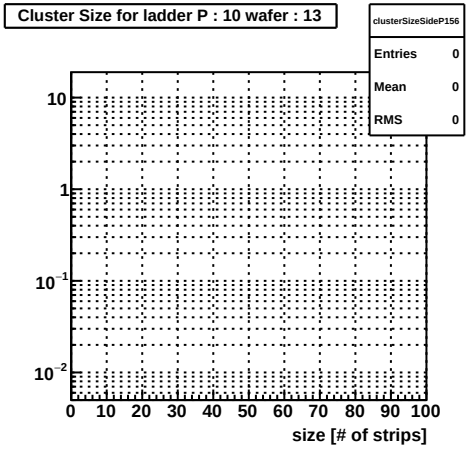

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

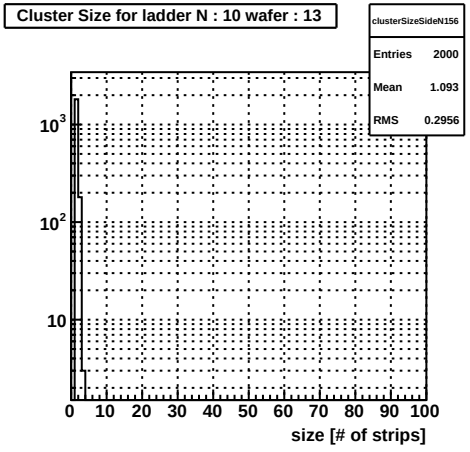

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1451
Mean 1.076
RMS 0.3448
size [# of strips]

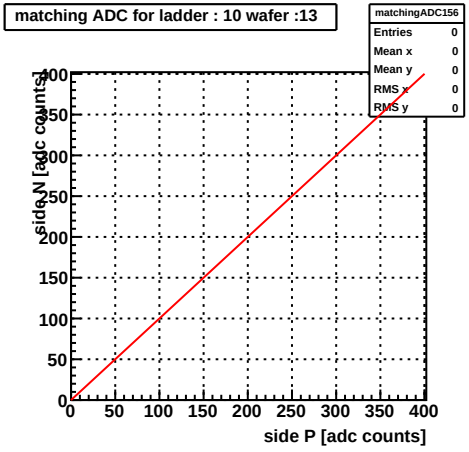

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

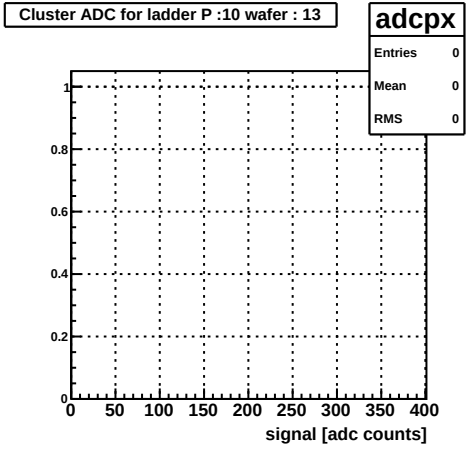

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

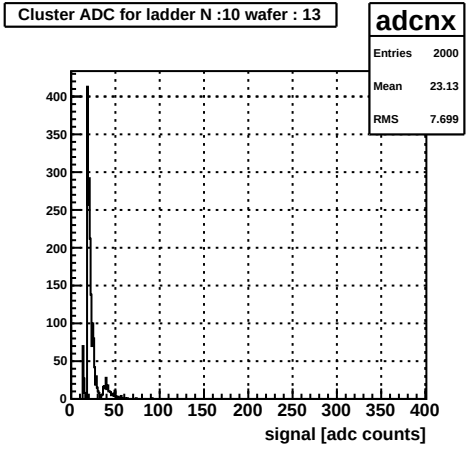

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1451
Mean 17.22
RMS 6.245
signal [adc counts]

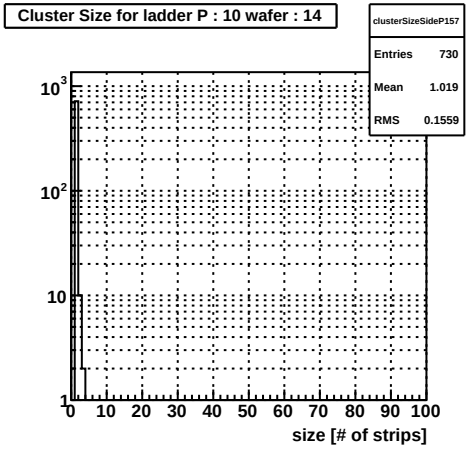

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

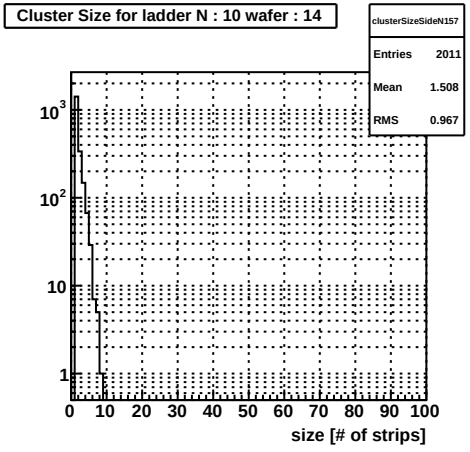

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2000
Mean 1.093
RMS 0.2956
size [# of strips]

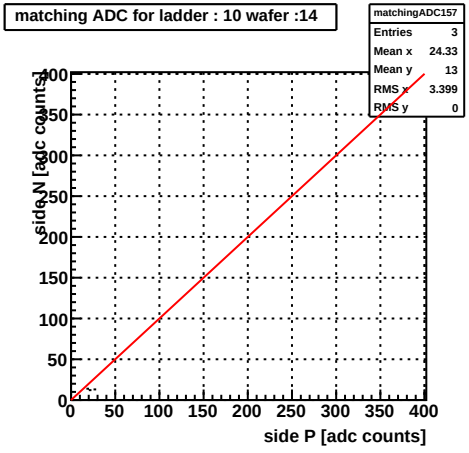

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

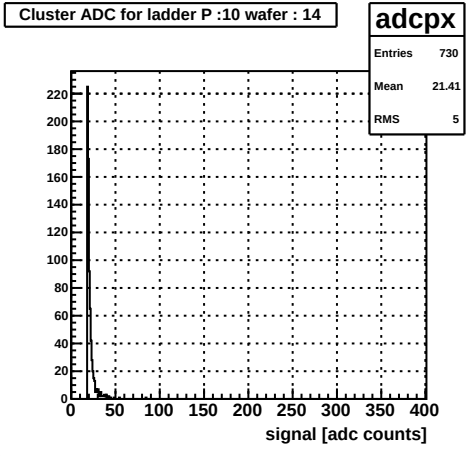

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

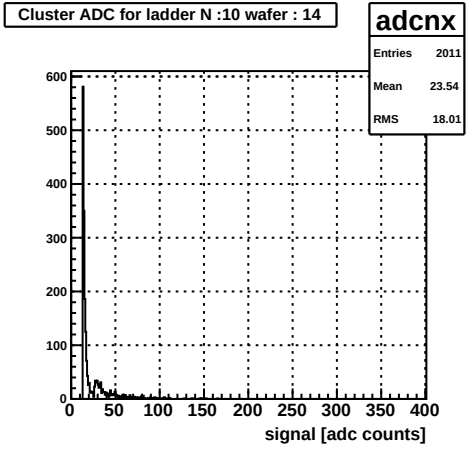

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2000
Mean 23.13
RMS 7.699
signal [adc counts]

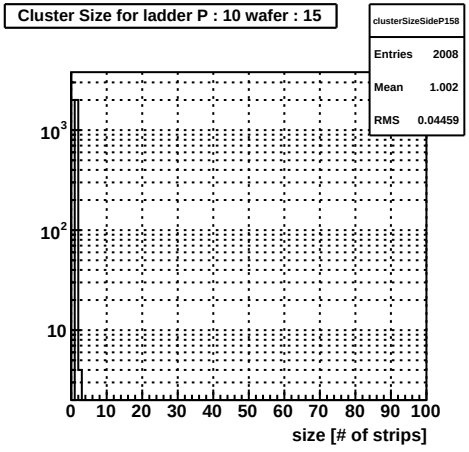

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 730
Mean 1.019
RMS 0.1559
size [# of strips]

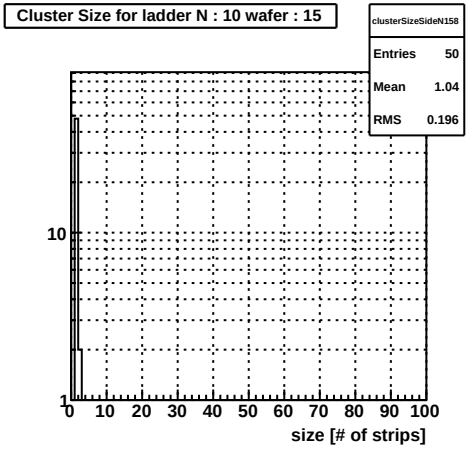

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2011
Mean 1.508
RMS 0.967
size [# of strips]

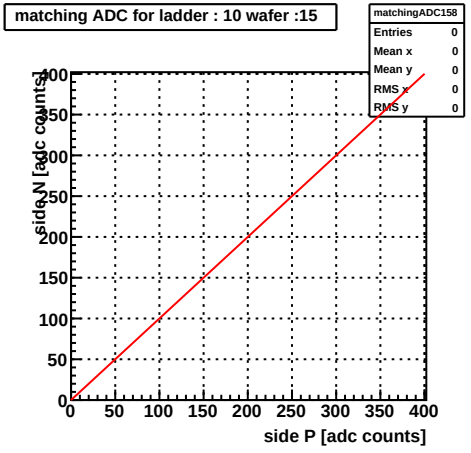

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3
Mean x 24.33
Mean y 13
RMS x 3.399
RMS y 0
side N [adc counts]
side P [adc counts]

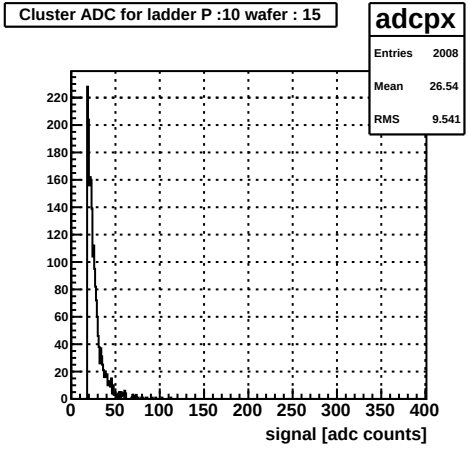

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 730
Mean 21.41
RMS 5
signal [adc counts]

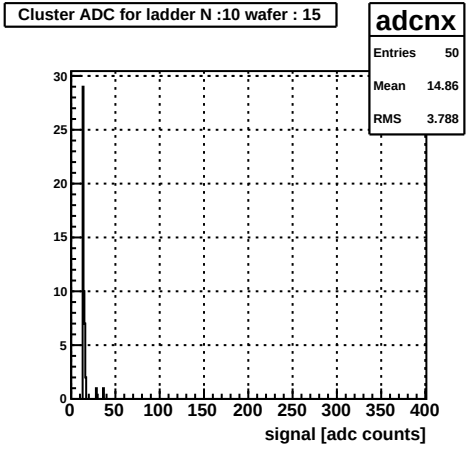

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2011
Mean 23.54
RMS 18.01
signal [adc counts]

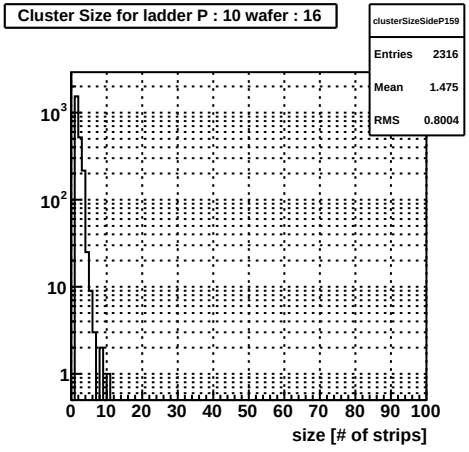

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2008
Mean 1.002
RMS 0.04459
size [# of strips]

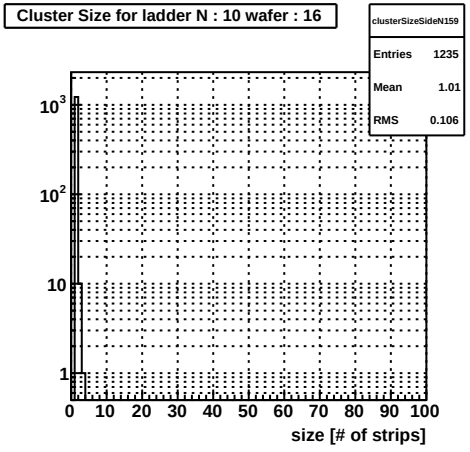

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 50
Mean 1.04
RMS 0.196
size [# of strips]

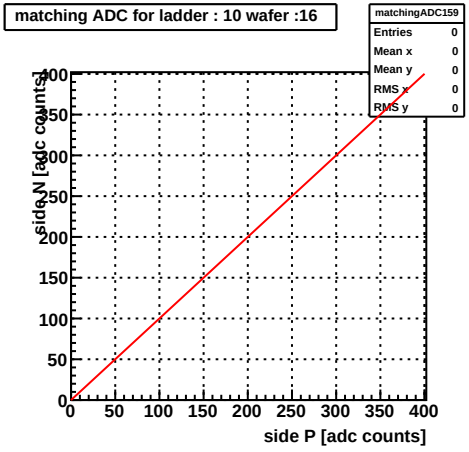

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

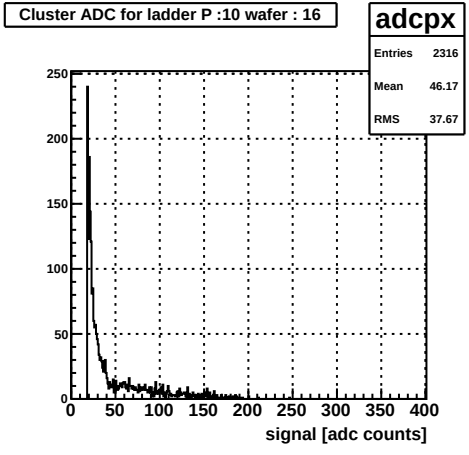

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2008
Mean 26.54
RMS 9.541
signal [adc counts]

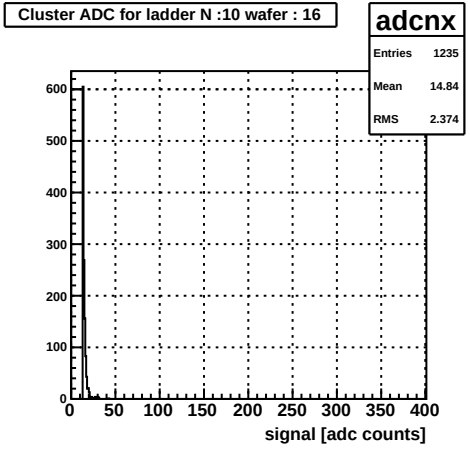

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 50
Mean 14.86
RMS 3.788
signal [adc counts]

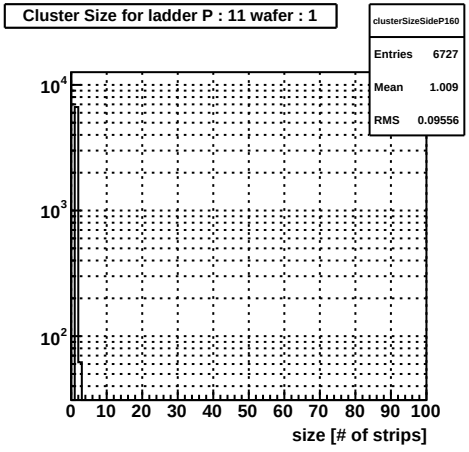

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2316
Mean 1.475
RMS 0.8004
size [# of strips]

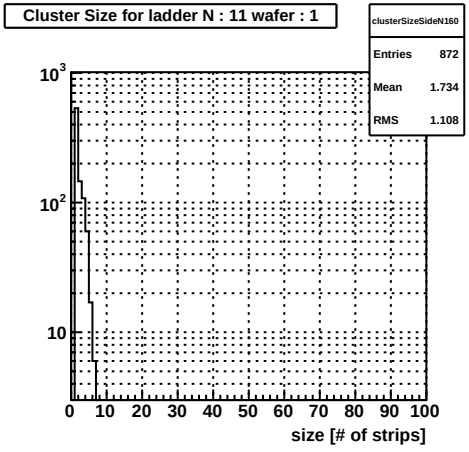

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1235
Mean 1.01
RMS 0.106
size [# of strips]

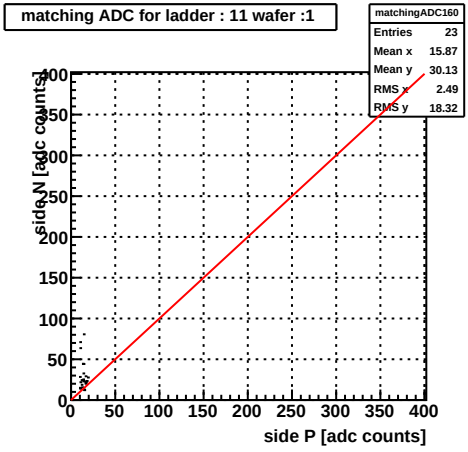

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

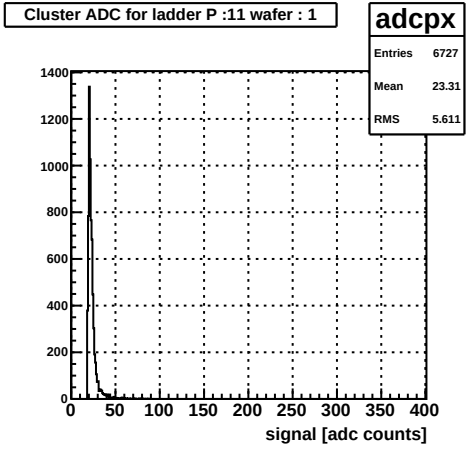

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2316
Mean 46.17
RMS 37.67
signal [adc counts]

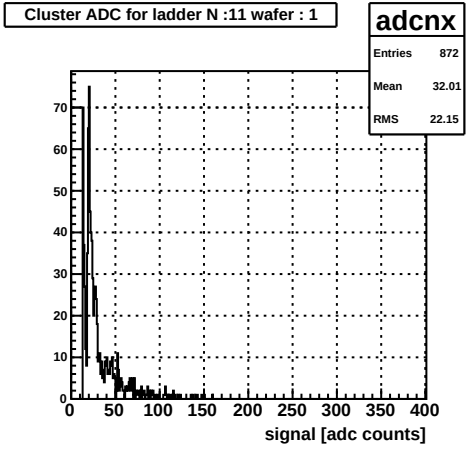

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1235
Mean 14.84
RMS 2.374
signal [adc counts]

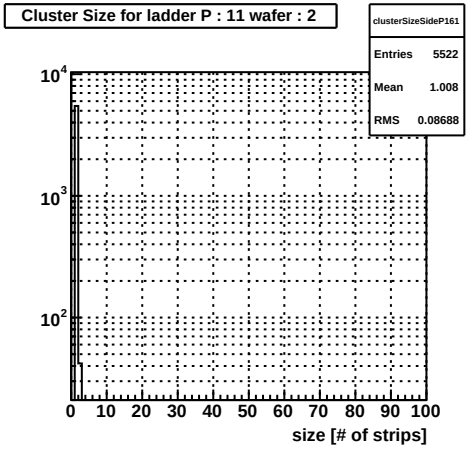

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6727
Mean 1.009
RMS 0.09556
size [# of strips]

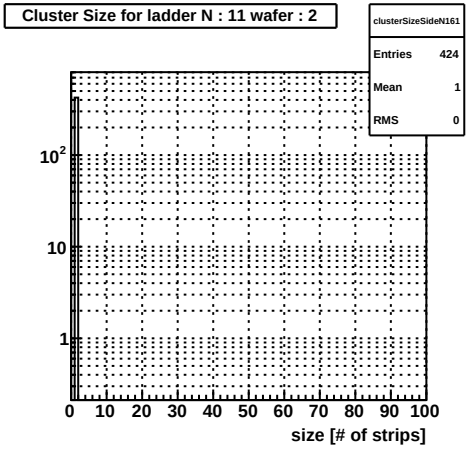

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 872
Mean 1.734
RMS 1.108
size [# of strips]

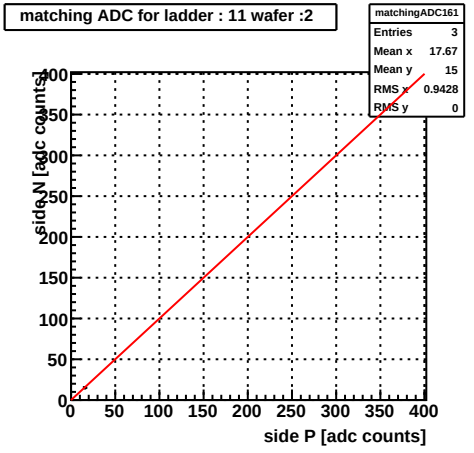

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 23
Mean x 15.87
Mean y 30.13
RMS x 2.49
RMS y 18.32
side N [adc counts]
side P [adc counts]

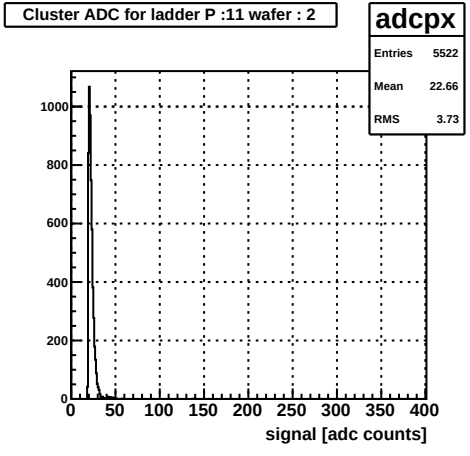

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6727
Mean 23.31
RMS 5.611
signal [adc counts]

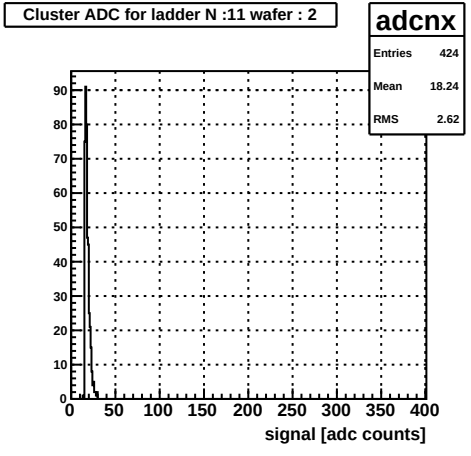

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 872
Mean 32.01
RMS 22.15
signal [adc counts]

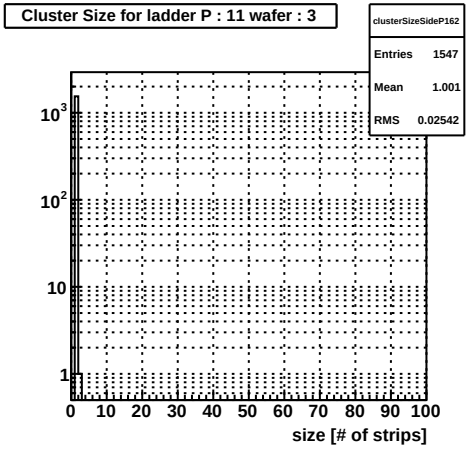

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5522
Mean 1.008
RMS 0.08688
size [# of strips]

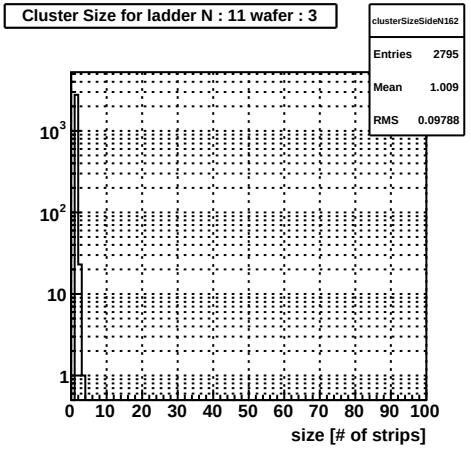

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 424
Mean 1
RMS 0
size [# of strips]

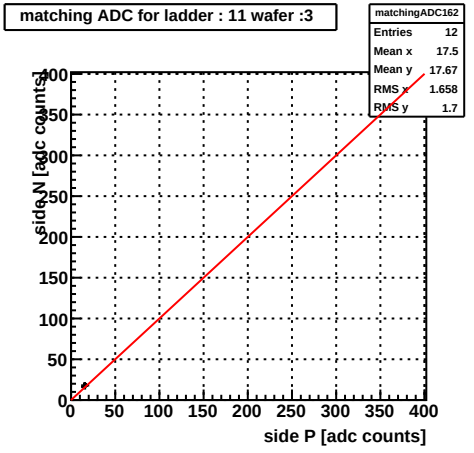

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 3
Mean x 17.67
Mean y 15
RMS x 0.9428
RMS y 0
side N [adc counts]
side P [adc counts]

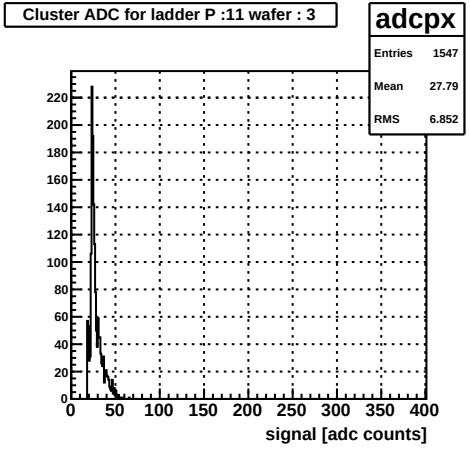

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5522
Mean 22.66
RMS 3.73
signal [adc counts]

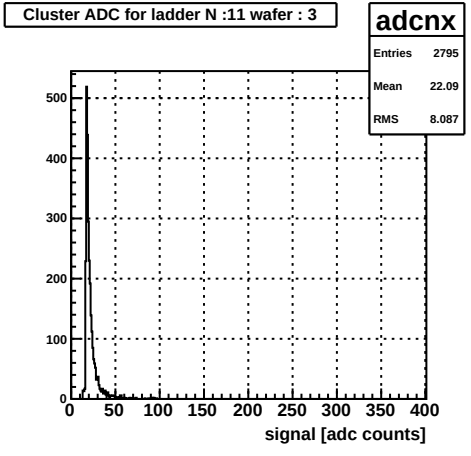

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 424
Mean 18.24
RMS 2.62
signal [adc counts]

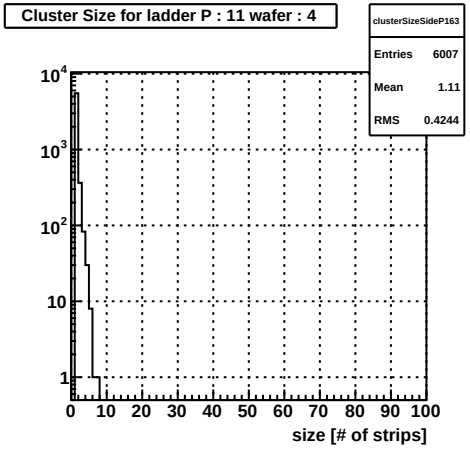

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1547
Mean 1.001
RMS 0.02542
size [# of strips]

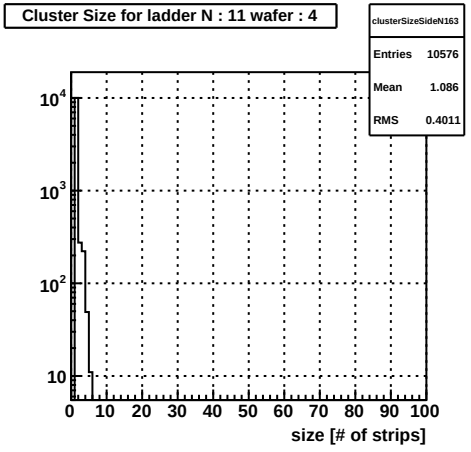

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2795
Mean 1.009
RMS 0.09788
size [# of strips]

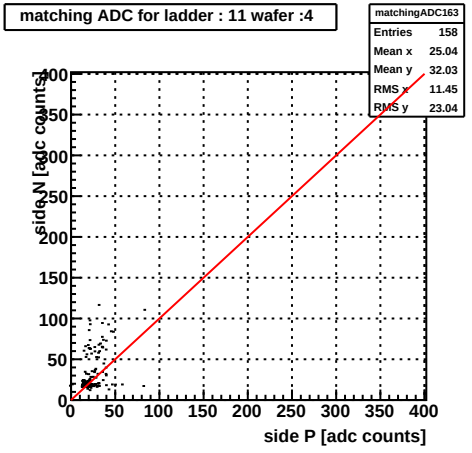

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 12
Mean x 17.5
Mean y 17.67
RMS x 1.658
RMS y 1.7
side N [adc counts]
side P [adc counts]

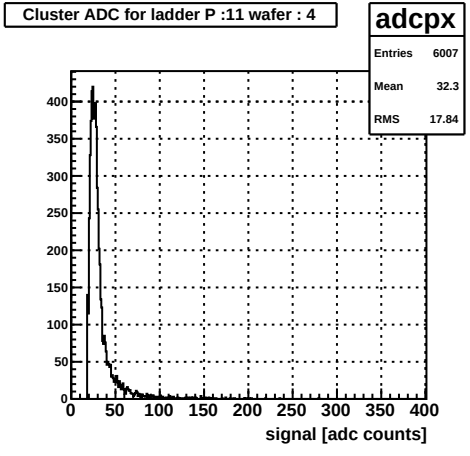

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1547
Mean 27.79
RMS 6.852
signal [adc counts]

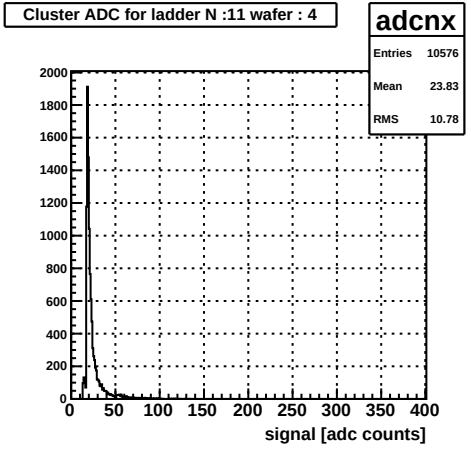

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2795
Mean 22.09
RMS 8.087
signal [adc counts]

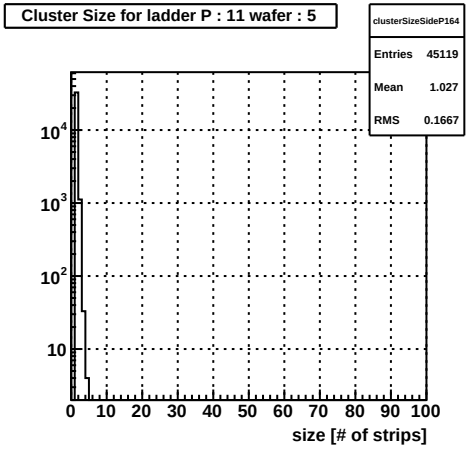

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 6007
Mean 1.11
RMS 0.4244
size [# of strips]

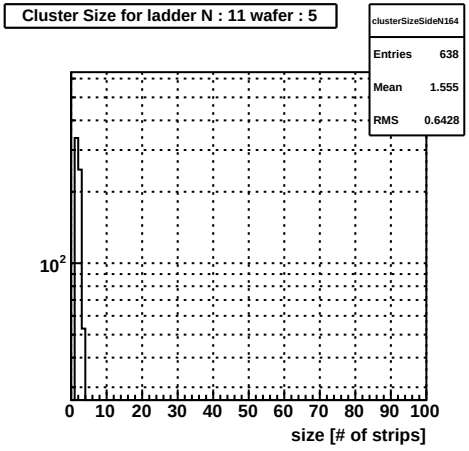

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10576
Mean 1.086
RMS 0.4011
size [# of strips]

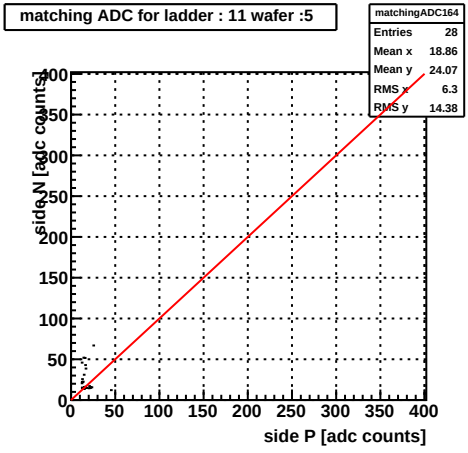

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 158
Mean x 25.04
Mean y 32.03
RMS x 11.45
RMS y 23.04
side N [adc counts]
side P [adc counts]

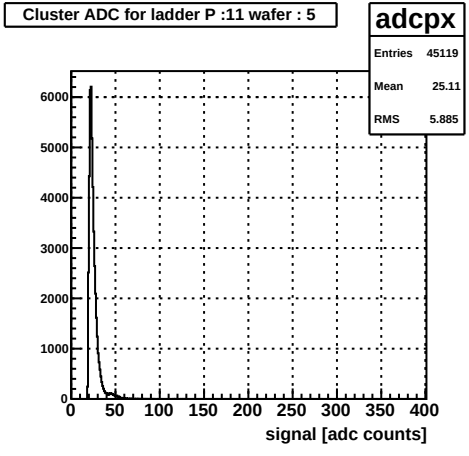

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 6007
Mean 32.3
RMS 17.84
signal [adc counts]

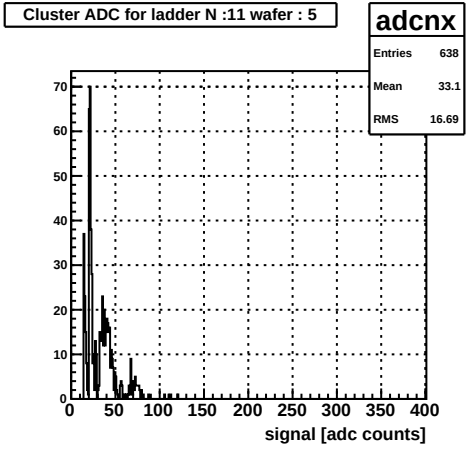

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10576
Mean 23.83
RMS 10.78
signal [adc counts]

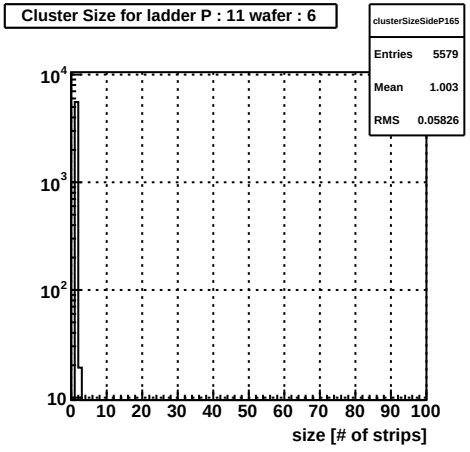

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 45119
Mean 1.027
RMS 0.1667
size [# of strips]

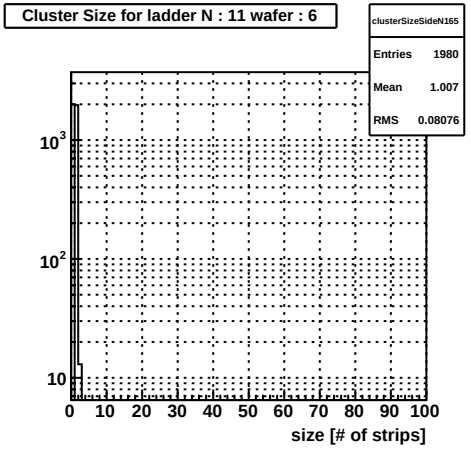

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 638
Mean 1.555
RMS 0.6428
size [# of strips]

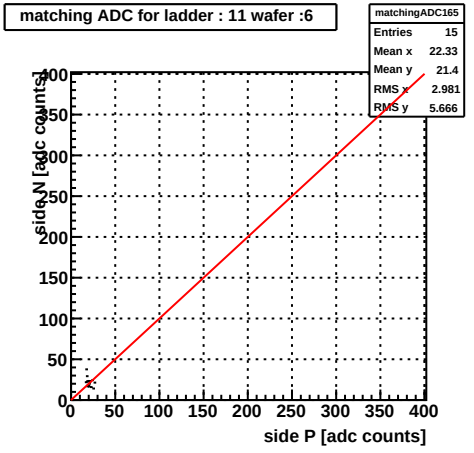

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 28
Mean x 18.86
Mean y 24.07
RMS x 6.3
RMS y 14.38
side N [adc counts]
side P [adc counts]

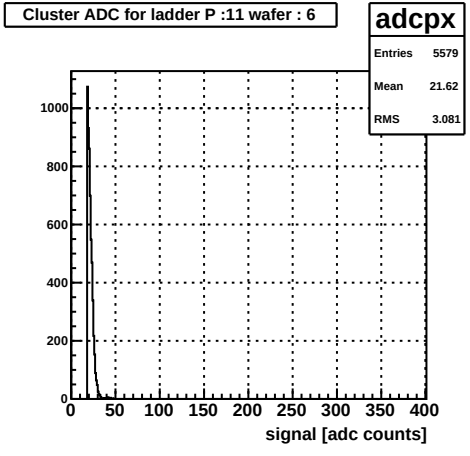

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 45119
Mean 25.11
RMS 5.885
signal [adc counts]

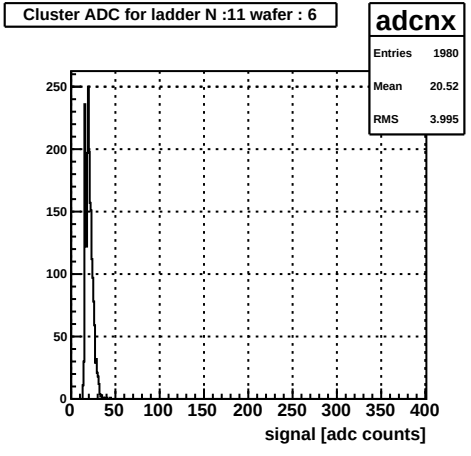

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 638
Mean 33.1
RMS 16.69
signal [adc counts]

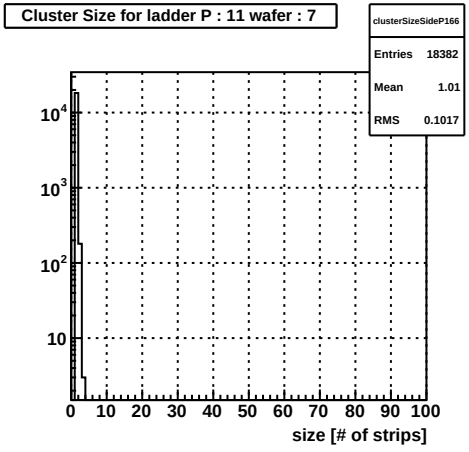

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5579
Mean 1.003
RMS 0.05826
size [# of strips]

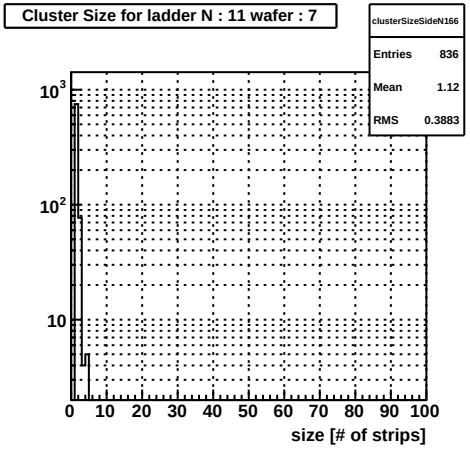

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1980
Mean 1.007
RMS 0.08076
size [# of strips]

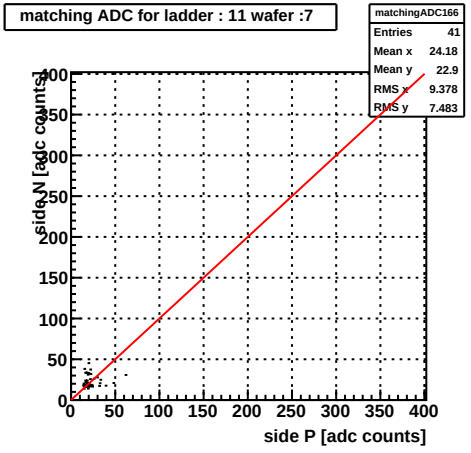

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 15
Mean x 22.33
Mean y 21.4
RMS x 2.981
RMS y 5.666
side N [adc counts]
side P [adc counts]

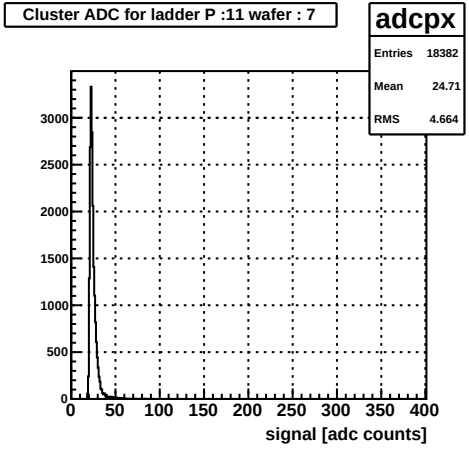

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5579
Mean 21.62
RMS 3.081
signal [adc counts]

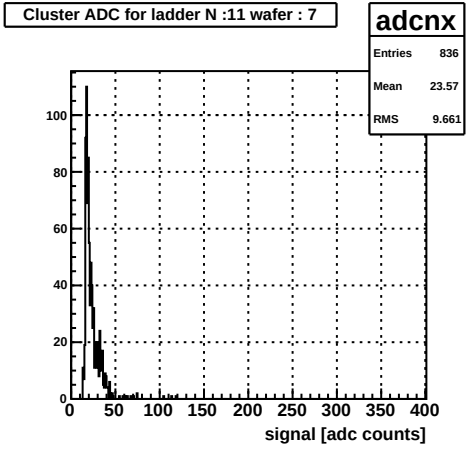

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1980
Mean 20.52
RMS 3.995
signal [adc counts]

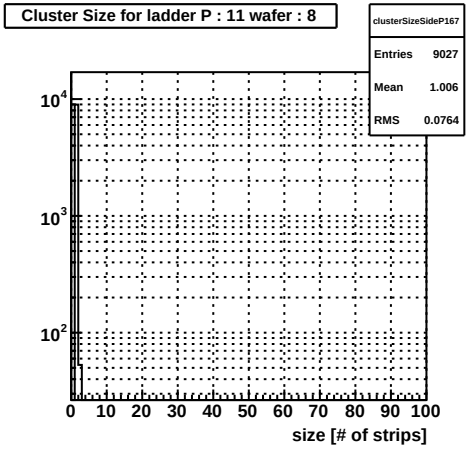

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18382
Mean 1.01
RMS 0.1017
size [# of strips]

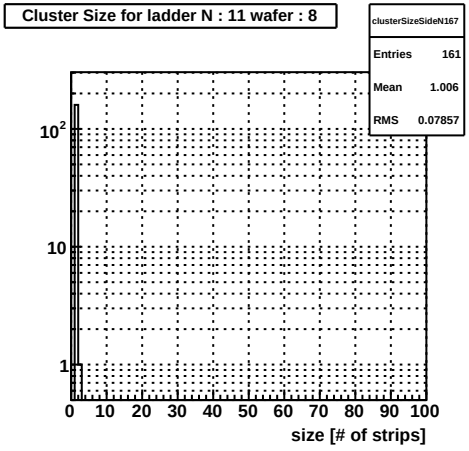

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 836
Mean 1.12
RMS 0.3883
size [# of strips]

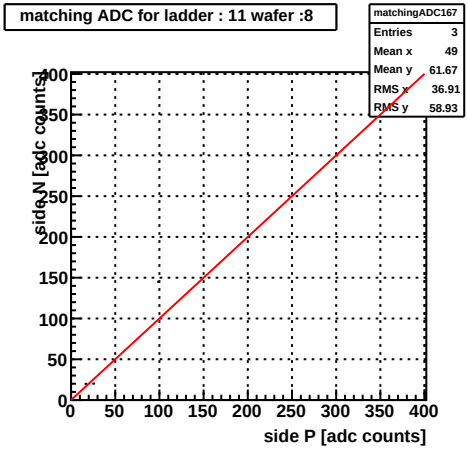

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 41
Mean x 24.18
Mean y 22.9
RMS x 9.378
RMS y 7.483
side N [adc counts]
side P [adc counts]

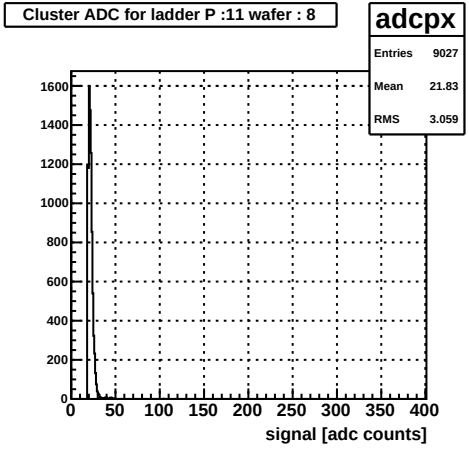

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18382
Mean 24.71
RMS 4.664
signal [adc counts]

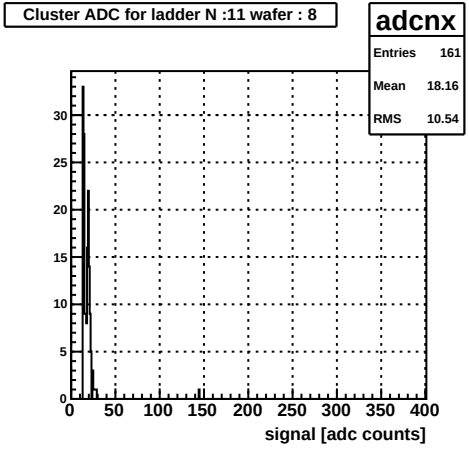

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 836
Mean 23.57
RMS 9.661
signal [adc counts]

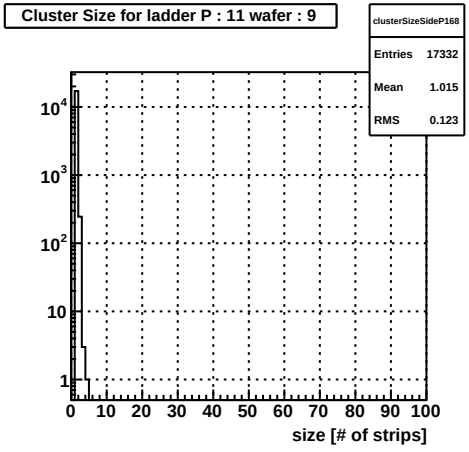

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 9027
Mean 1.006
RMS 0.0764
size [# of strips]

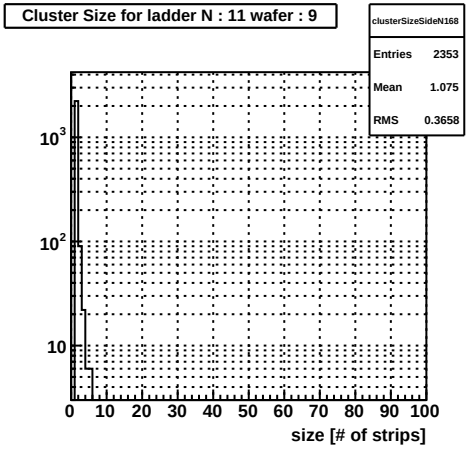

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 161
Mean 1.006
RMS 0.07857
size [# of strips]

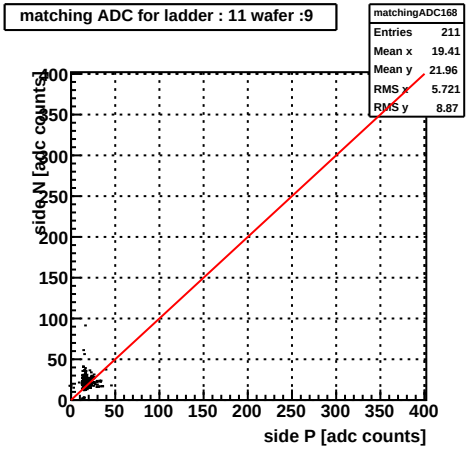

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 3
Mean x 49
Mean y 61.67
RMS x 36.91
RMS y 58.93
side N [adc counts]
side P [adc counts]

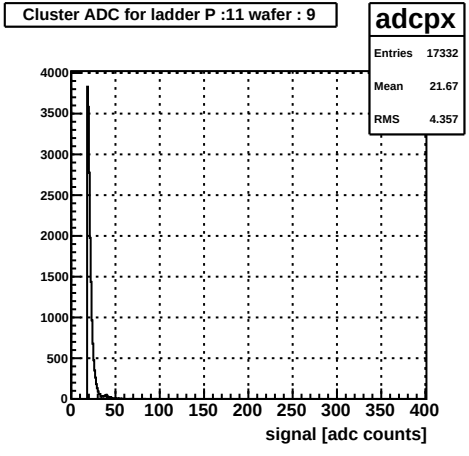

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 9027
Mean 21.83
RMS 3.059
signal [adc counts]

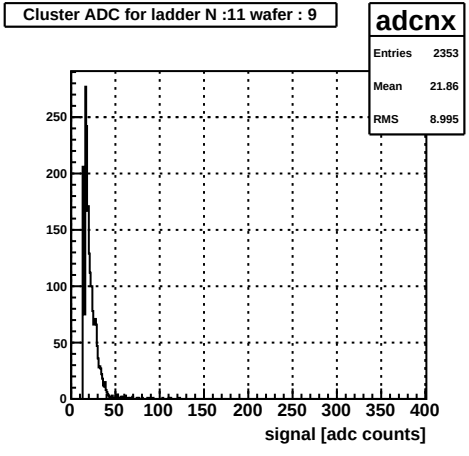

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 161
Mean 18.16
RMS 10.54
signal [adc counts]

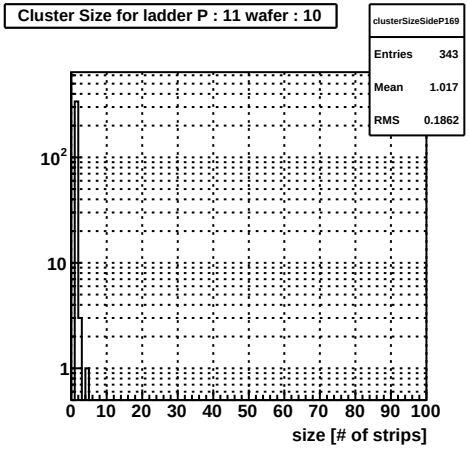

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 17332
Mean 1.015
RMS 0.123
size [# of strips]

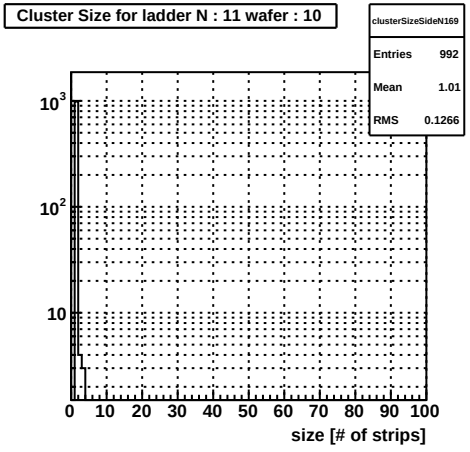

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2353
Mean 1.075
RMS 0.3658
size [# of strips]

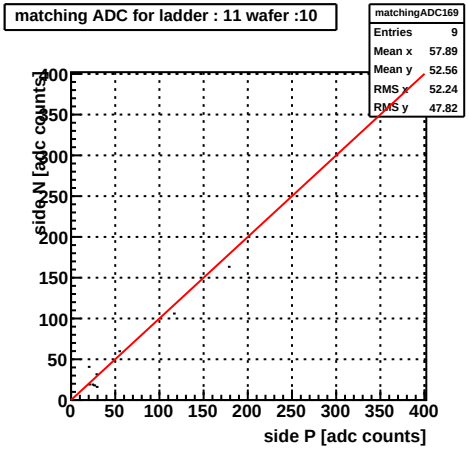

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 211
Mean x 19.41
Mean y 21.96
RMS x 5.721
RMS y 8.87
side N [adc counts]
side P [adc counts]

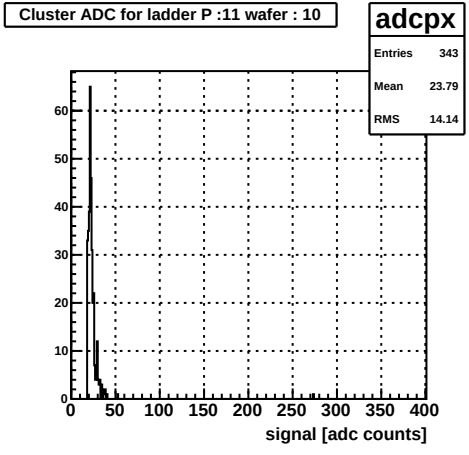

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 17332
Mean 21.67
RMS 4.357
signal [adc counts]

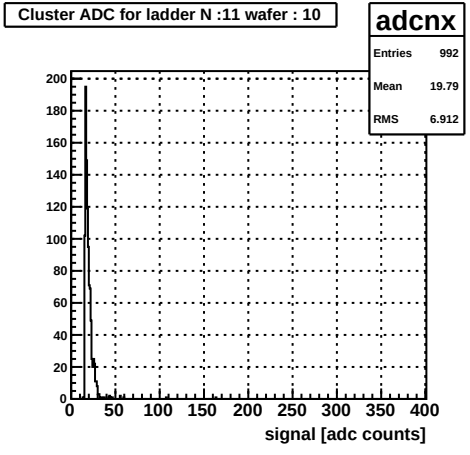

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2353
Mean 21.86
RMS 8.995
signal [adc counts]

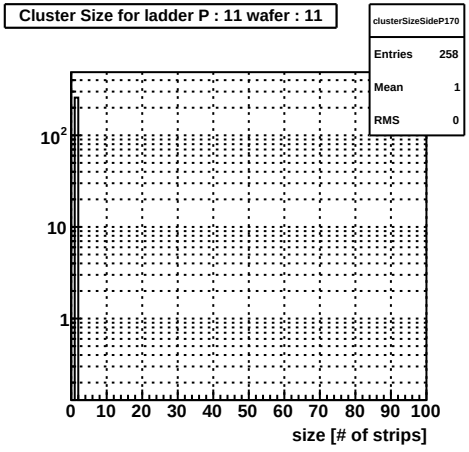

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 343
Mean 1.017
RMS 0.1862
size [# of strips]

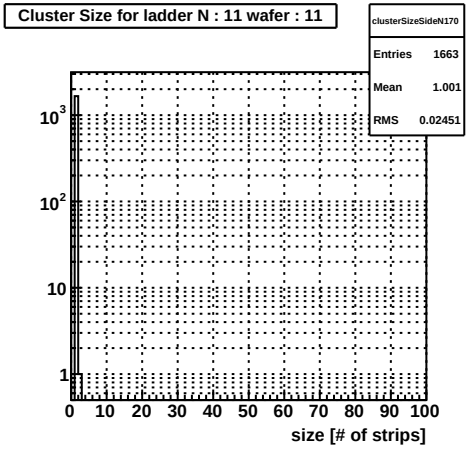

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 992
Mean 1.01
RMS 0.1266
size [# of strips]

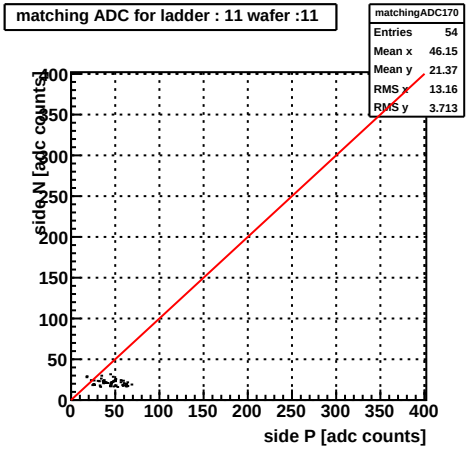

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 9
Mean x 57.89
Mean y 52.56
RMS x 52.24
RMS y 47.82
side N [adc counts]
side P [adc counts]

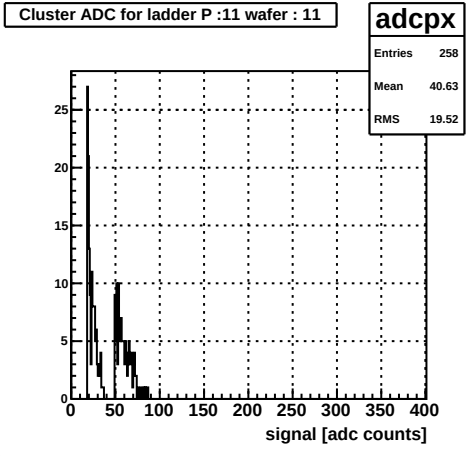

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 343
Mean 23.79
RMS 14.14
signal [adc counts]

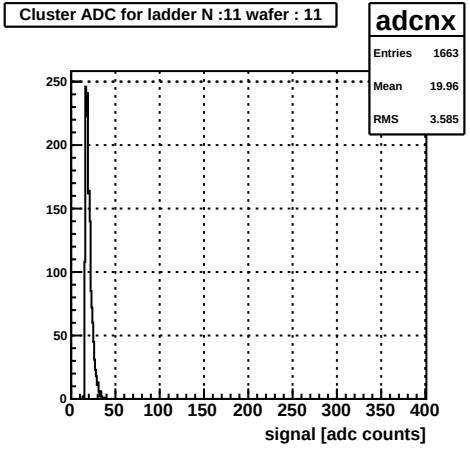

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 992
Mean 19.79
RMS 6.912
signal [adc counts]

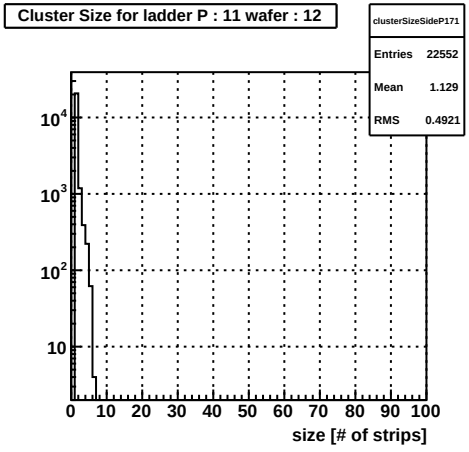

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 258
Mean 1
RMS 0
size [# of strips]

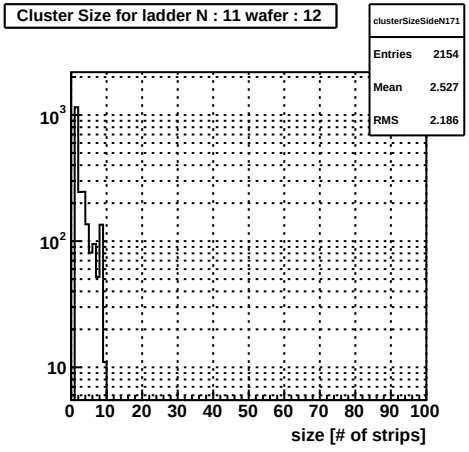

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1663
Mean 1.001
RMS 0.02451
size [# of strips]

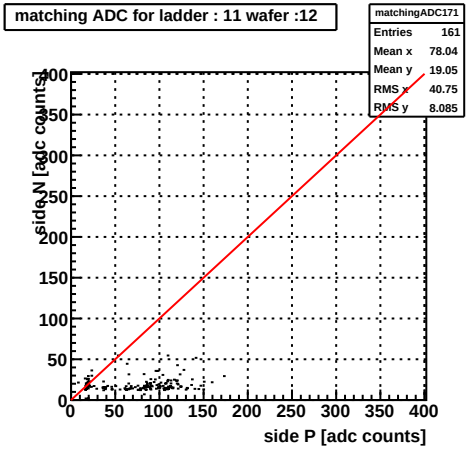

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 54
Mean x 46.15
Mean y 21.37
RMS x 13.16
RMS y 3.713
side N [adc counts]
side P [adc counts]

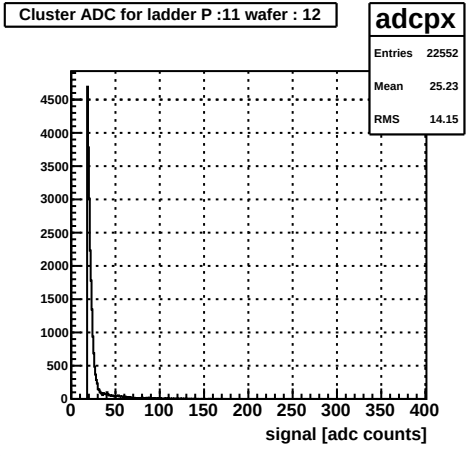

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 258
Mean 40.63
RMS 19.52
signal [adc counts]

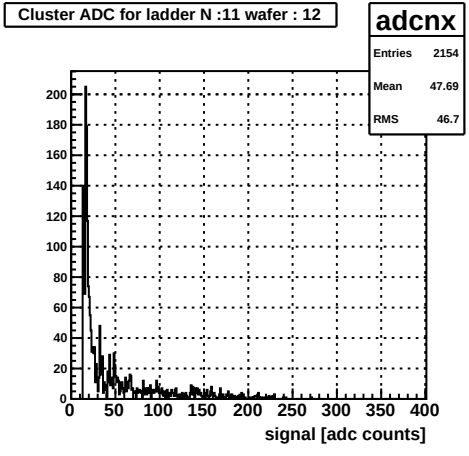

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1663
Mean 19.96
RMS 3.585
signal [adc counts]

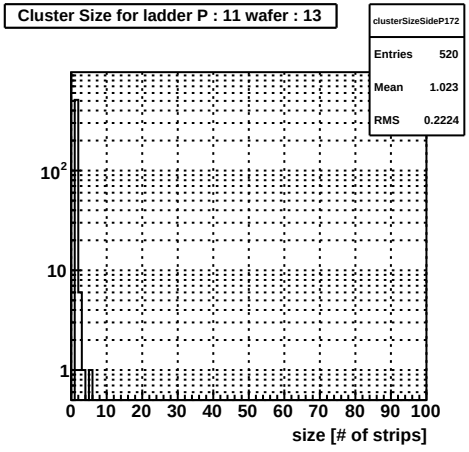

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 22552
Mean 1.129
RMS 0.4921
size [# of strips]

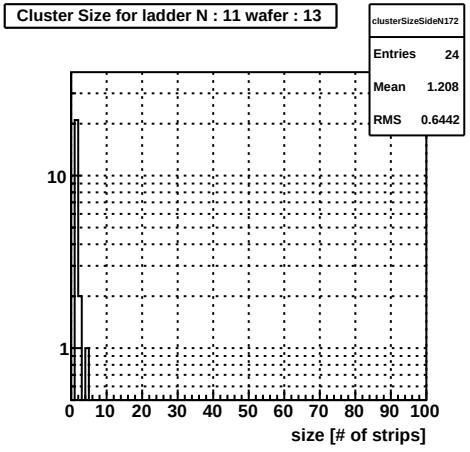

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 2154
Mean 2.527
RMS 2.186
size [# of strips]

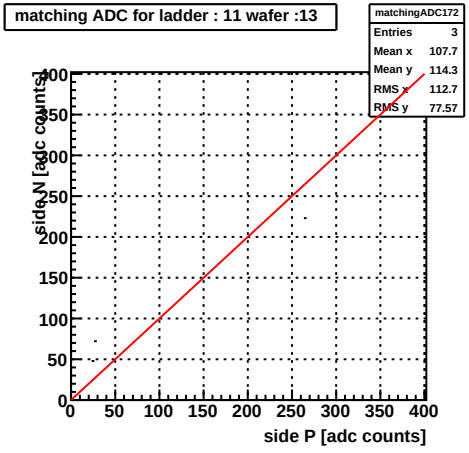

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 161
Mean x 78.04
Mean y 19.05
RMS x 40.75
RMS y 8.085
side N [adc counts]
side P [adc counts]

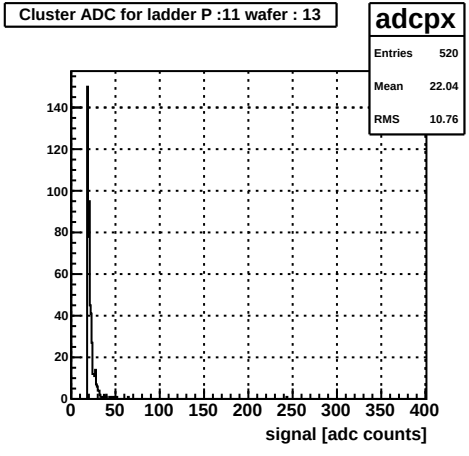

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 22552
Mean 25.23
RMS 14.15
signal [adc counts]

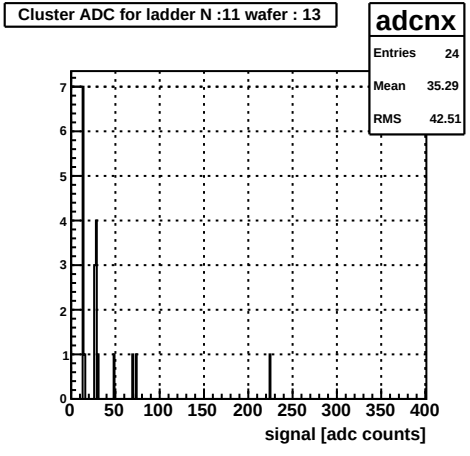

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 2154
Mean 47.69
RMS 46.7
signal [adc counts]

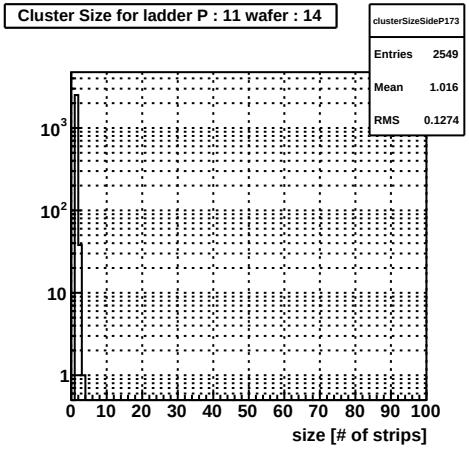

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 520
Mean 1.023
RMS 0.2224
size [# of strips]

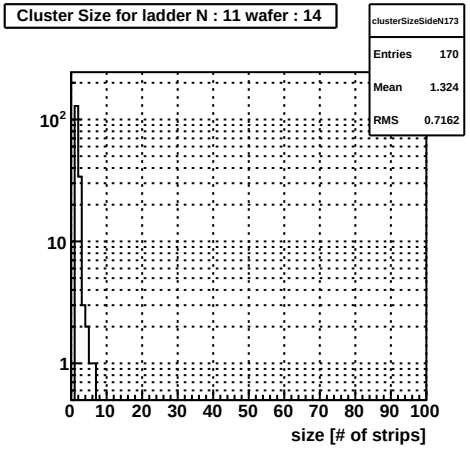

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 24
Mean 1.208
RMS 0.6442
size [# of strips]

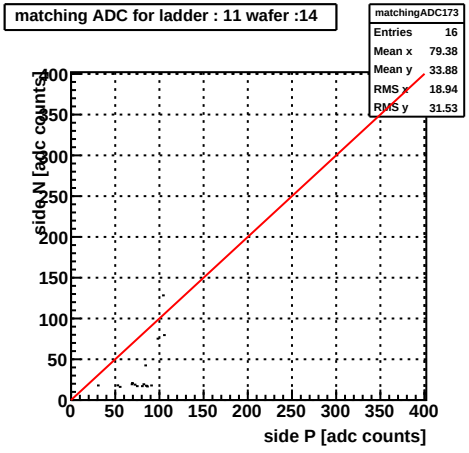

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 3
Mean x 107.7
Mean y 114.3
RMS x 112.7
RMS y 77.57
side N [adc counts]
side P [adc counts]

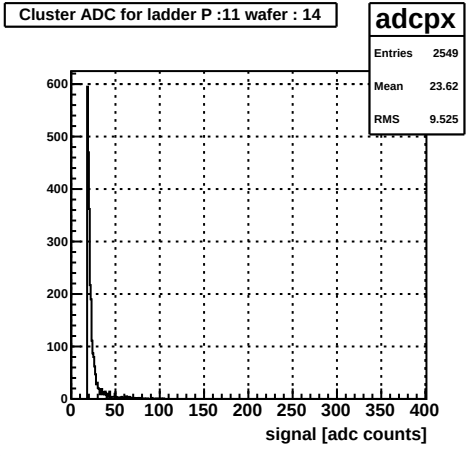

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 520
Mean 22.04
RMS 10.76
signal [adc counts]

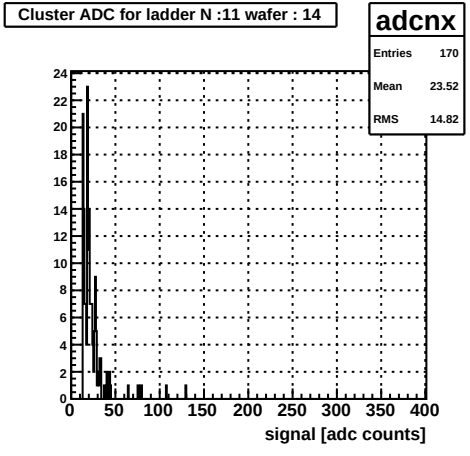

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 24
Mean 35.29
RMS 42.51
signal [adc counts]

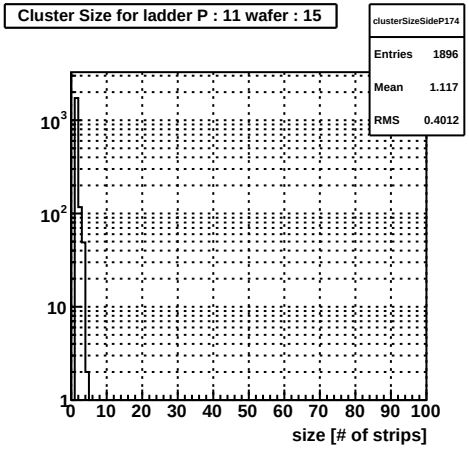

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2549
Mean 1.016
RMS 0.1274
size [# of strips]

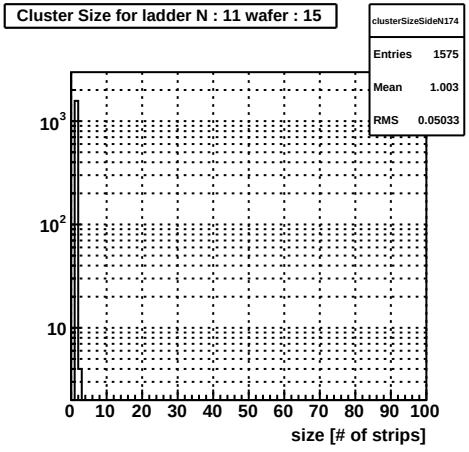

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 170
Mean 1.324
RMS 0.7162
size [# of strips]

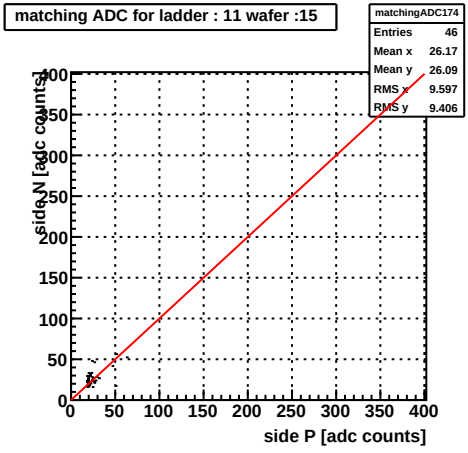

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 16
Mean x 79.38
Mean y 33.88
RMS x 18.94
RMS y 31.53
side N [adc counts]
side P [adc counts]

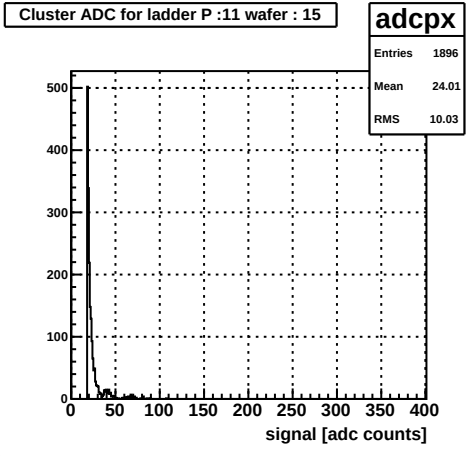

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2549
Mean 23.62
RMS 9.525
signal [adc counts]

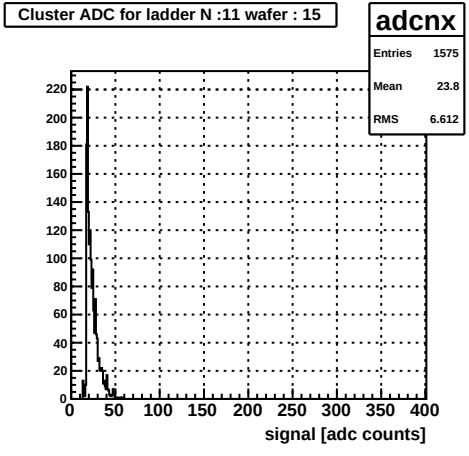

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 170
Mean 23.52
RMS 14.82
signal [adc counts]

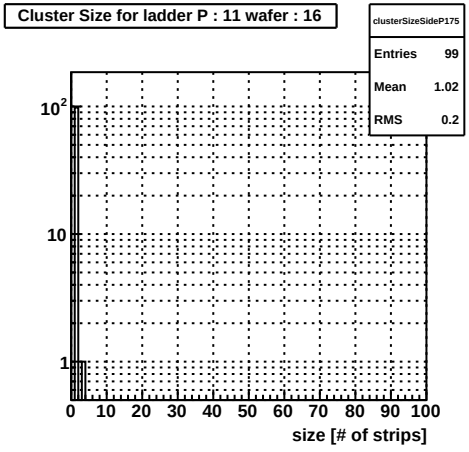

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1896
Mean 1.117
RMS 0.4012
size [# of strips]

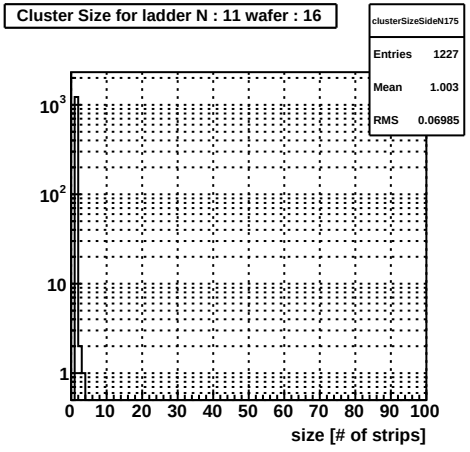

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1575
Mean 1.003
RMS 0.05033
size [# of strips]

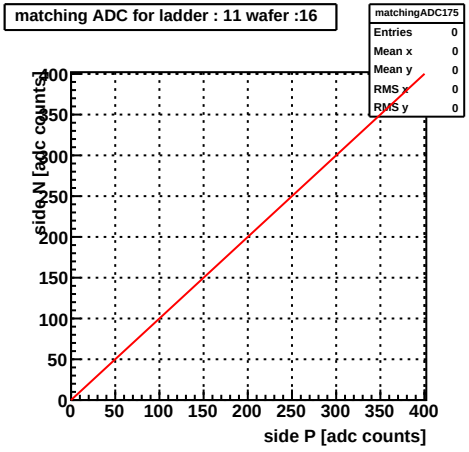

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 46
Mean x 26.17
Mean y 26.09
RMS x 9.597
RMS y 9.406
side N [adc counts]
side P [adc counts]

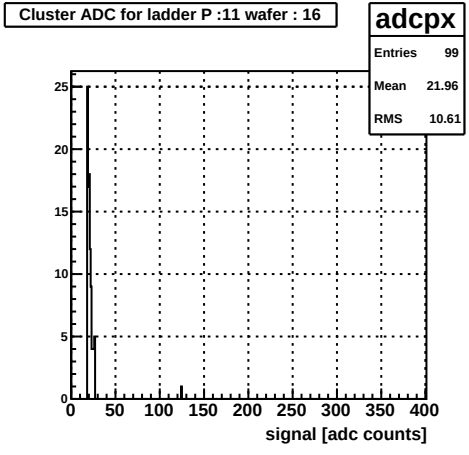

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1896
Mean 24.01
RMS 10.03
signal [adc counts]

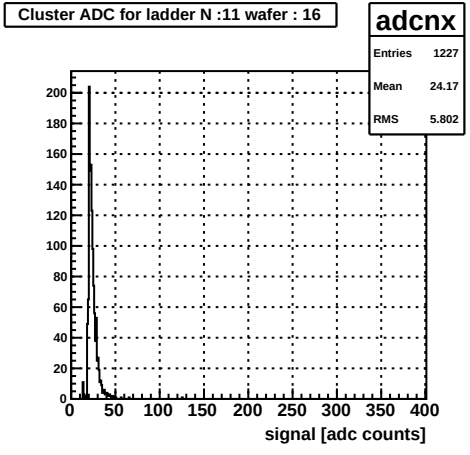

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1575
Mean 23.8
RMS 6.612
signal [adc counts]

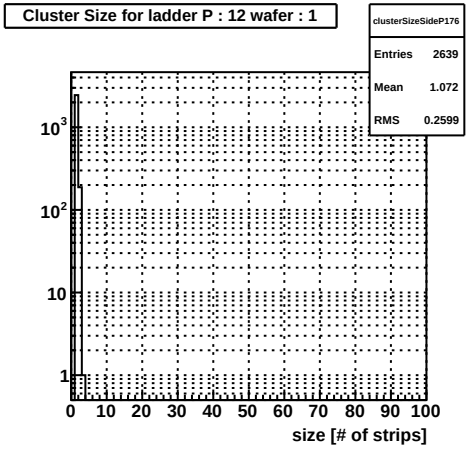

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 99
Mean 1.02
RMS 0.2
size [# of strips]

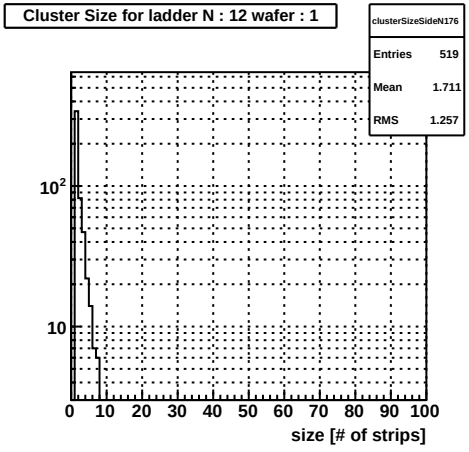

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1227
Mean 1.003
RMS 0.06985
size [# of strips]

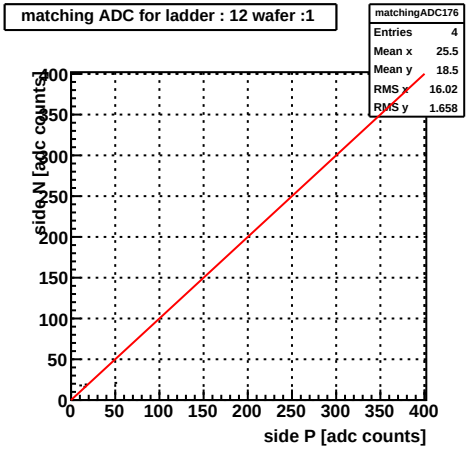

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

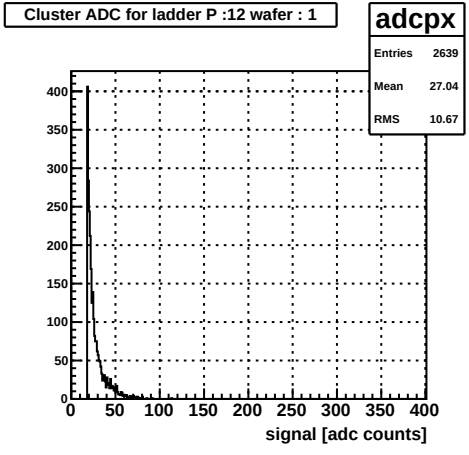

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 99
Mean 21.96
RMS 10.61
signal [adc counts]

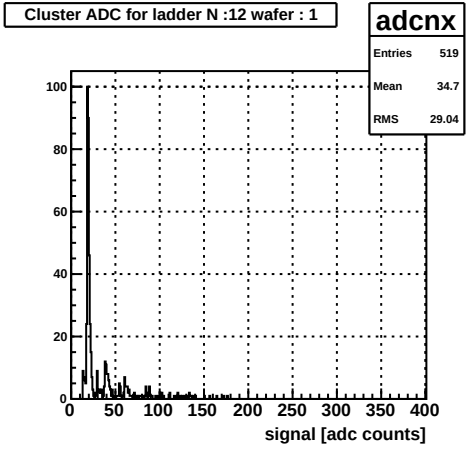

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1227
Mean 24.17
RMS 5.802
signal [adc counts]

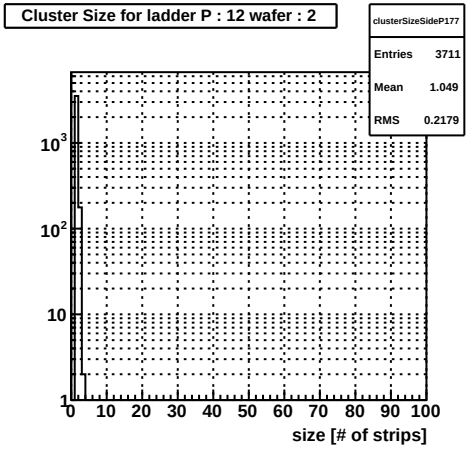

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2639
Mean 1.072
RMS 0.2599
size [# of strips]

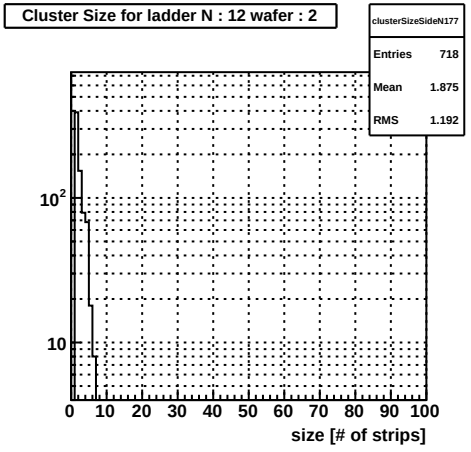

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 519
Mean 1.711
RMS 1.257
size [# of strips]

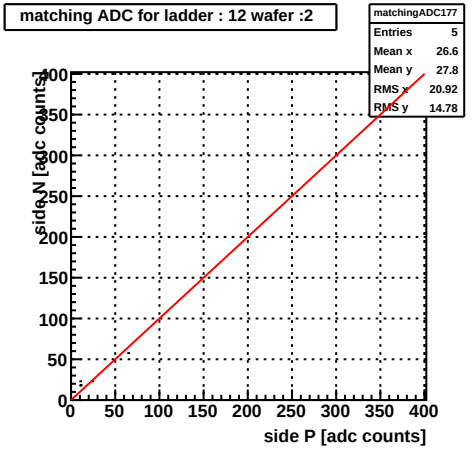

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 4
Mean x 25.5
Mean y 18.5
RMS x 16.02
RMS y 1.658
side N [adc counts]
side P [adc counts]

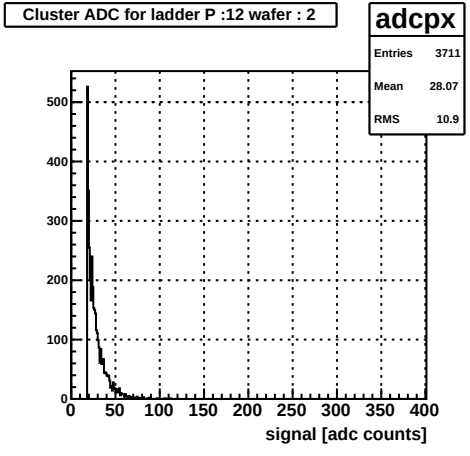

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2639
Mean 27.04
RMS 10.67
signal [adc counts]

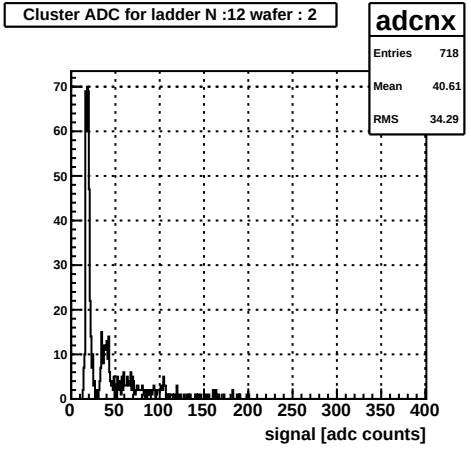

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 519
Mean 34.7
RMS 29.04
signal [adc counts]

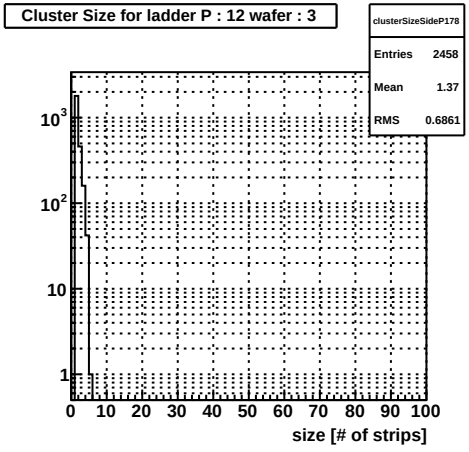

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3711
Mean 1.049
RMS 0.2179
size [# of strips]

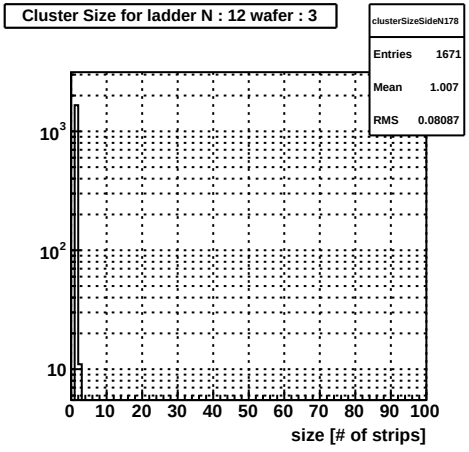

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 718
Mean 1.875
RMS 1.192
size [# of strips]

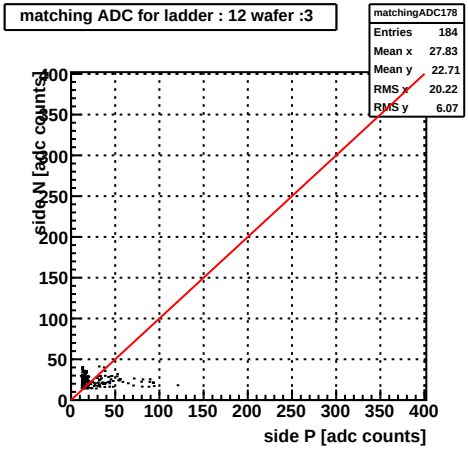

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 5
Mean x 26.6
Mean y 27.8
RMS x 20.92
RMS y 14.78
side N [adc counts]
side P [adc counts]

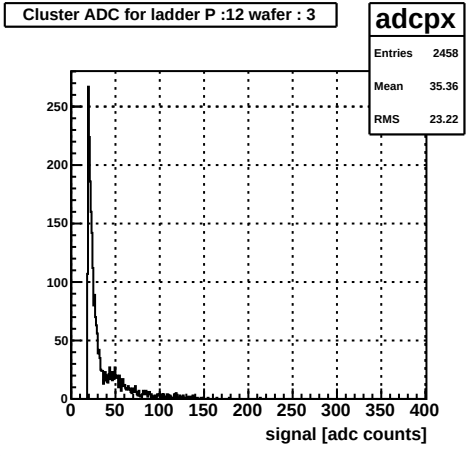

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3711
Mean 28.07
RMS 10.9
signal [adc counts]

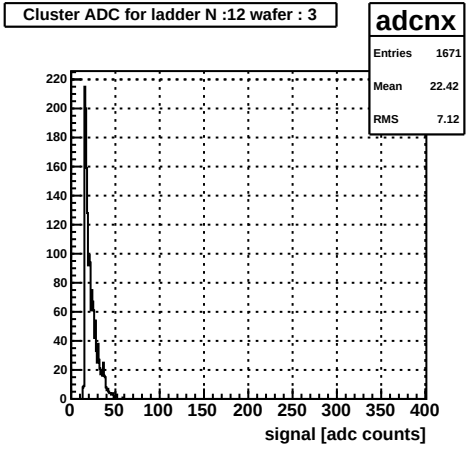

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 718
Mean 40.61
RMS 34.29
signal [adc counts]

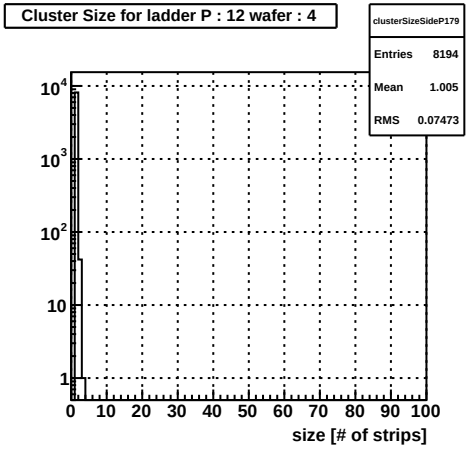

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2458
Mean 1.37
RMS 0.6861
size [# of strips]

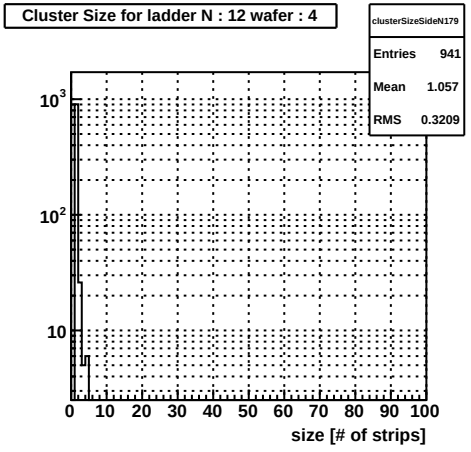

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1671
Mean 1.007
RMS 0.08087
size [# of strips]

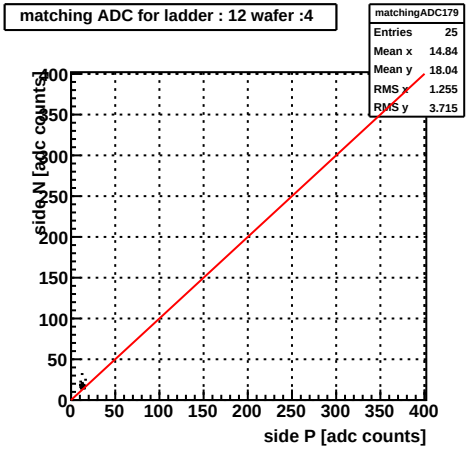

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 184
Mean x 27.83
Mean y 22.71
RMS x 20.22
RMS y 6.07
side N [adc counts]
side P [adc counts]

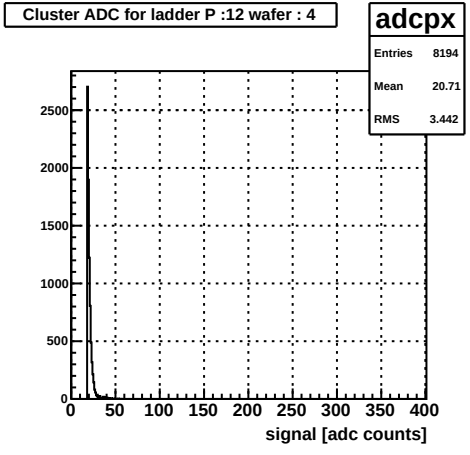

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2458
Mean 35.36
RMS 23.22
signal [adc counts]

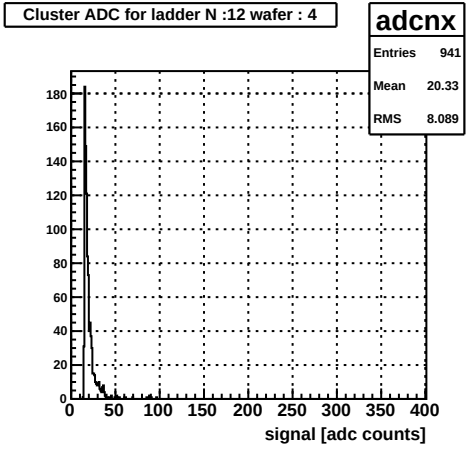

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1671
Mean 22.42
RMS 7.12
signal [adc counts]

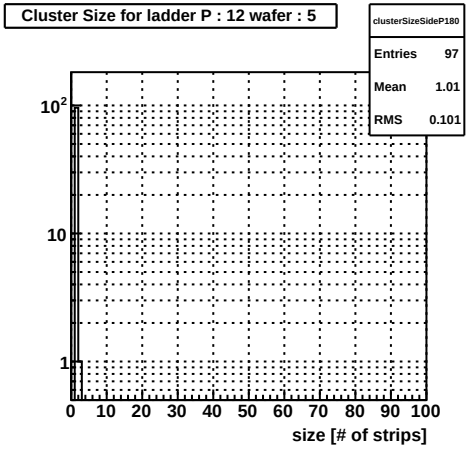

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8194
Mean 1.005
RMS 0.07473
size [# of strips]

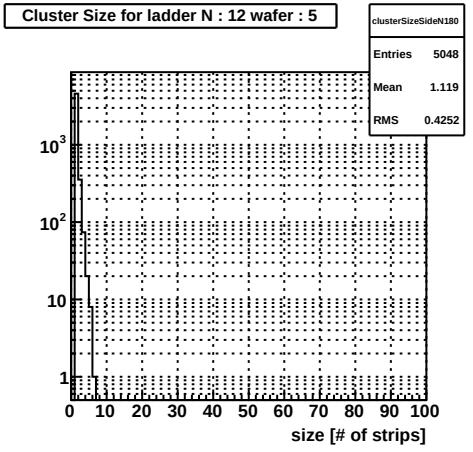

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 941
Mean 1.057
RMS 0.3209
size [# of strips]

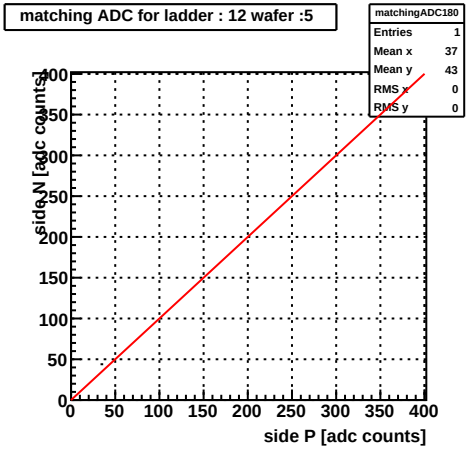

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 25
Mean x 14.84
Mean y 18.04
RMS x 1.255
RMS y 3.715
side N [adc counts]
side P [adc counts]

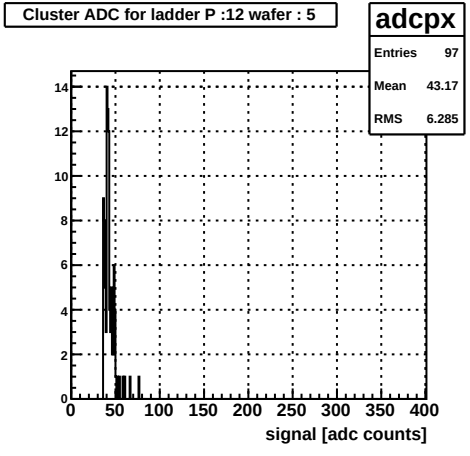

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8194
Mean 20.71
RMS 3.442
signal [adc counts]

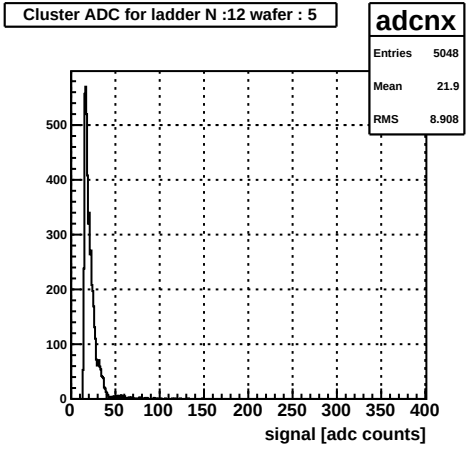

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 941
Mean 20.33
RMS 8.089
signal [adc counts]

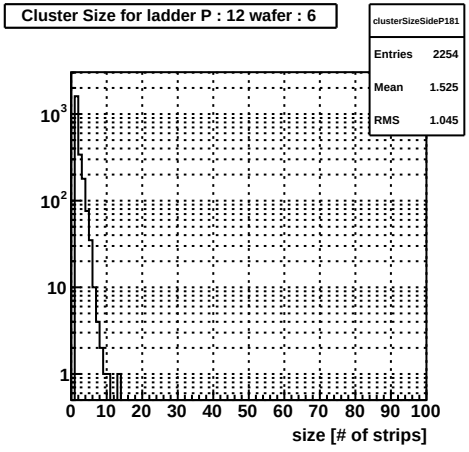

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 97
Mean 1.01
RMS 0.101
size [# of strips]

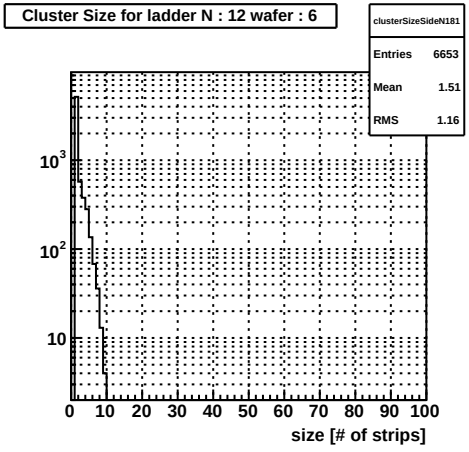

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5048
Mean 1.119
RMS 0.4252
size [# of strips]

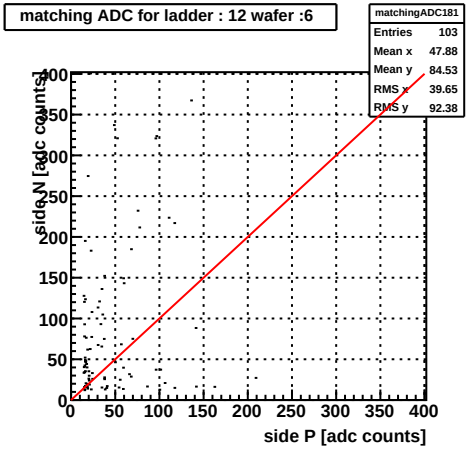

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1
Mean x 37
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

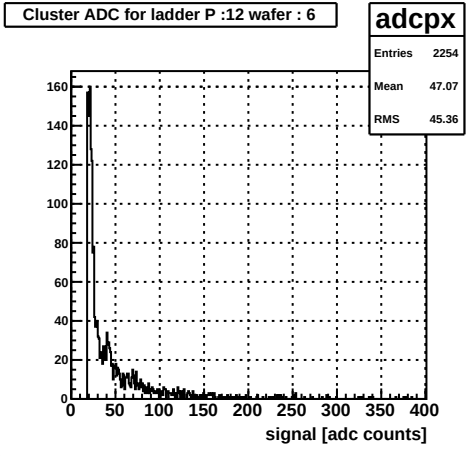

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 97
Mean 43.17
RMS 6.285
signal [adc counts]

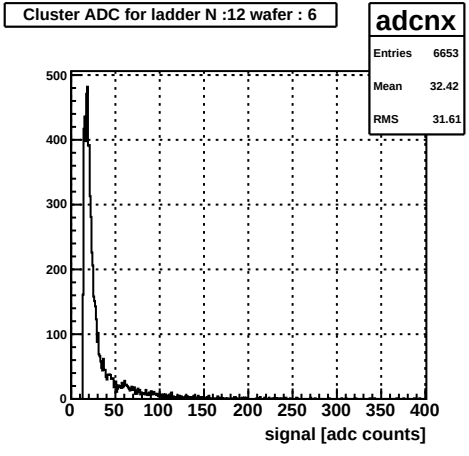

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5048
Mean 21.9
RMS 8.908
signal [adc counts]

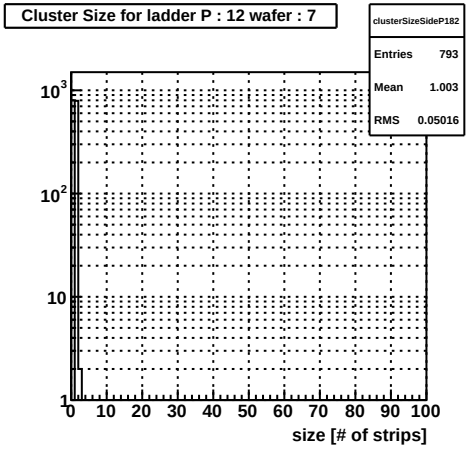

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2254
Mean 1.525
RMS 1.045
size [# of strips]

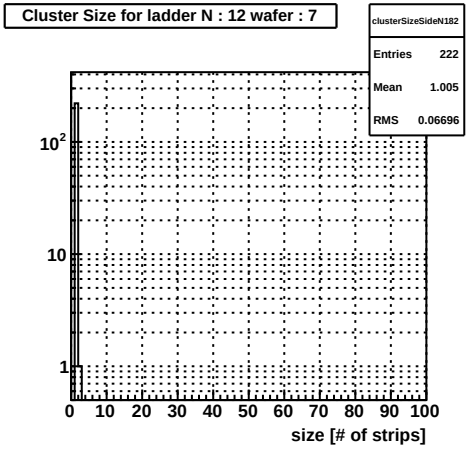

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6653
Mean 1.51
RMS 1.16
size [# of strips]

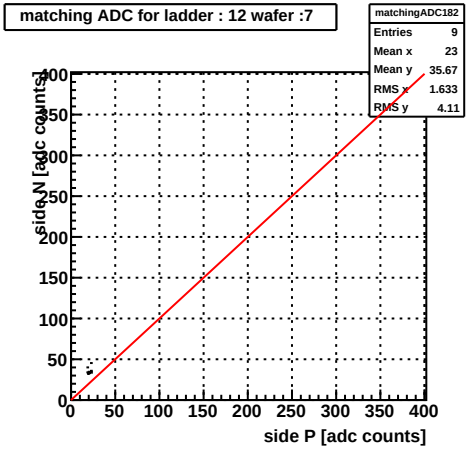

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 103
Mean x 47.88
Mean y 84.53
RMS x 39.65
RMS y 92.38
side N [adc counts]
side P [adc counts]

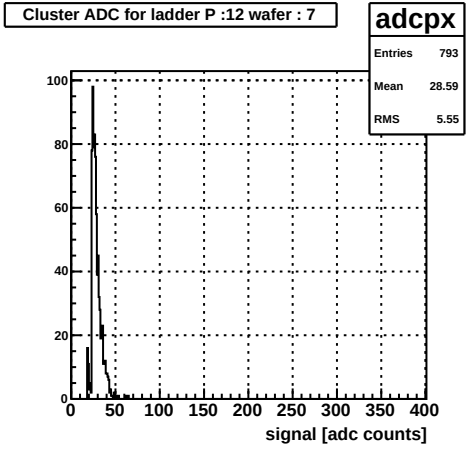

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2254
Mean 47.07
RMS 45.36
signal [adc counts]

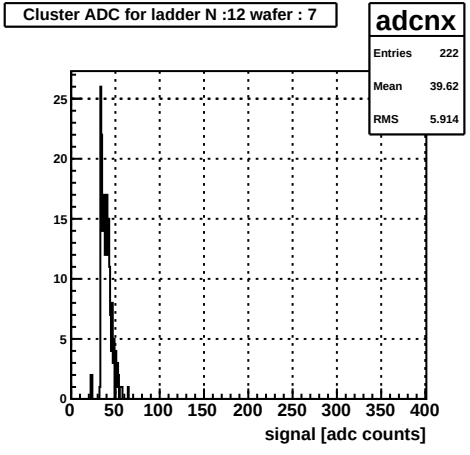

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6653
Mean 32.42
RMS 31.61
signal [adc counts]

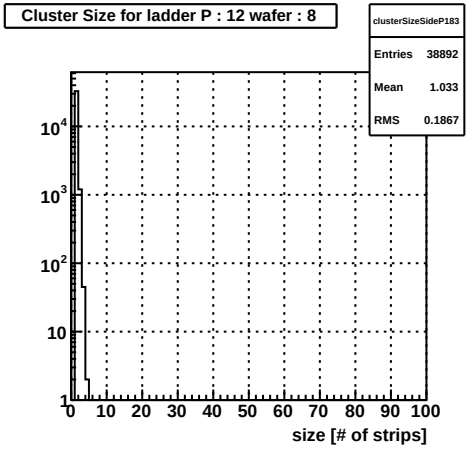

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 793
Mean 1.003
RMS 0.05016
size [# of strips]

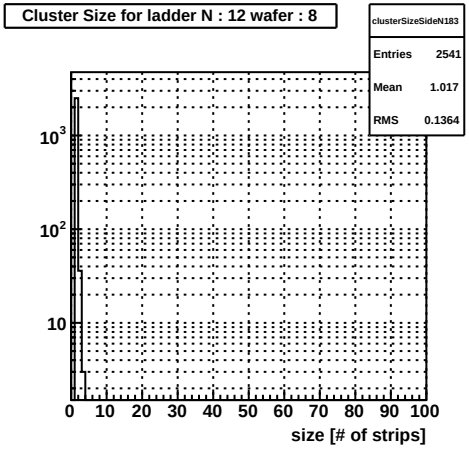

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 222
Mean 1.005
RMS 0.06696
size [# of strips]

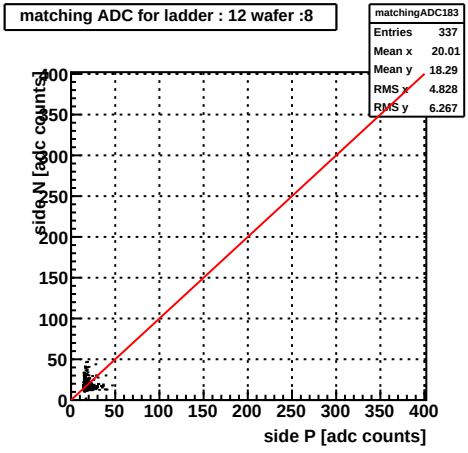

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 9
Mean x 23
Mean y 35.67
RMS x 1.633
RMS y 4.11
side N [adc counts]
side P [adc counts]

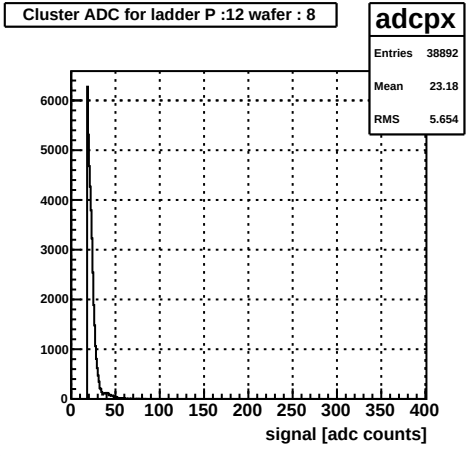

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 793
Mean 28.59
RMS 5.55
signal [adc counts]

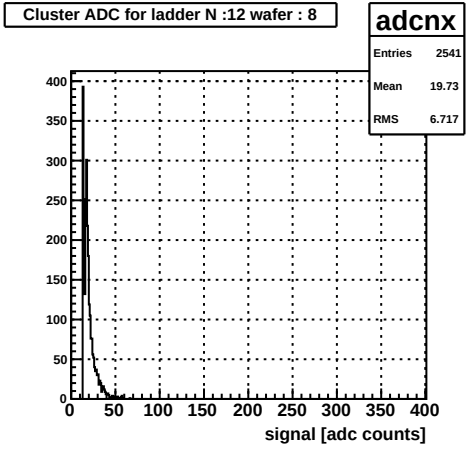

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 222
Mean 39.62
RMS 5.914
signal [adc counts]

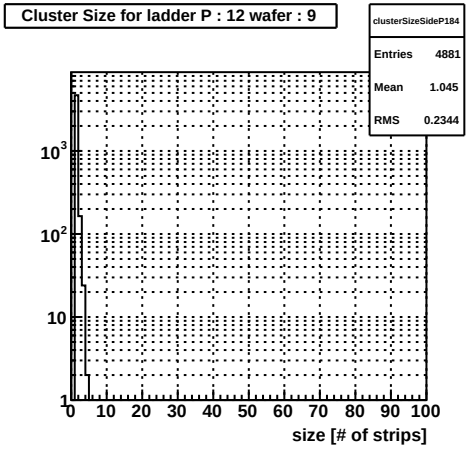

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 38892
Mean 1.033
RMS 0.1867
size [# of strips]

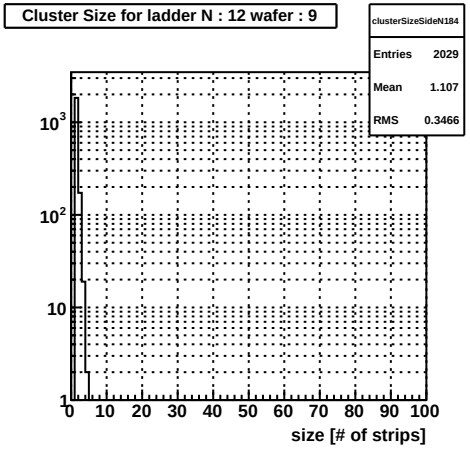

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2541
Mean 1.017
RMS 0.1364
size [# of strips]

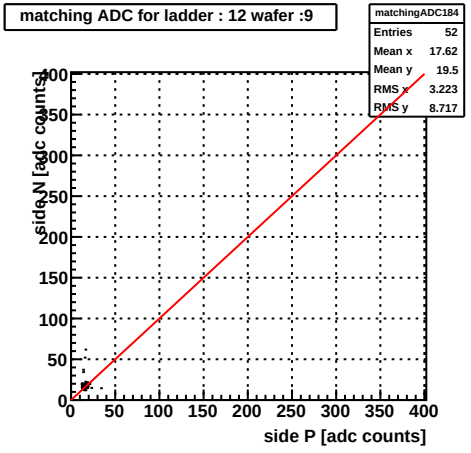

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 337
Mean x 20.01
Mean y 18.29
RMS x 4.828
RMS y 6.267
side N [adc counts]
side P [adc counts]

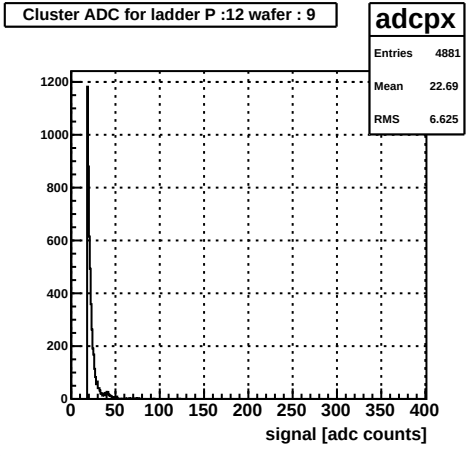

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 38892
Mean 23.18
RMS 5.654
signal [adc counts]

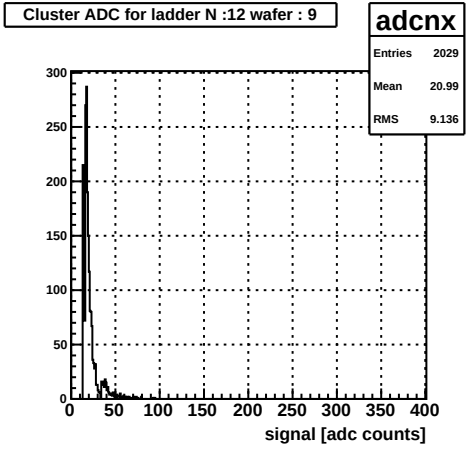

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2541
Mean 19.73
RMS 6.717
signal [adc counts]

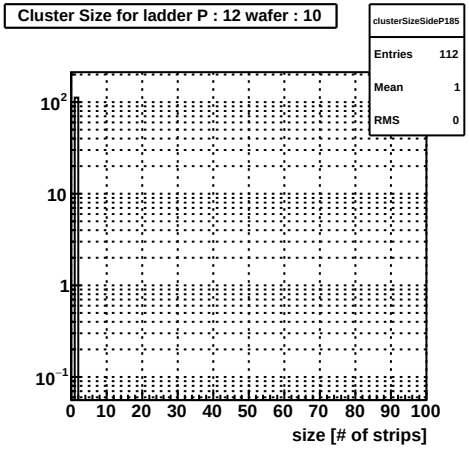

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4881
Mean 1.045
RMS 0.2344
size [# of strips]

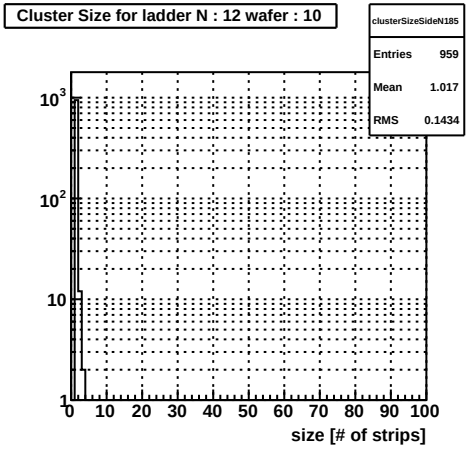

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2029
Mean 1.107
RMS 0.3466
size [# of strips]

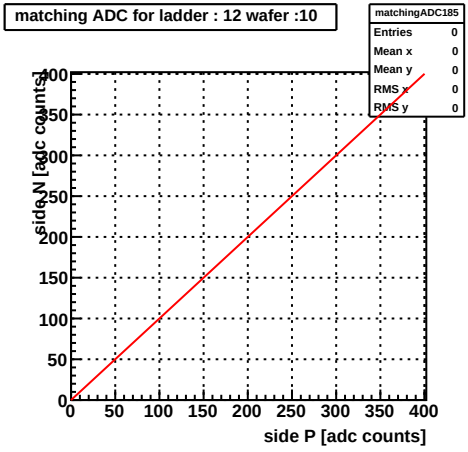

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 52
Mean x 17.62
Mean y 19.5
RMS x 3.223
RMS y 8.717
side N [adc counts]
side P [adc counts]

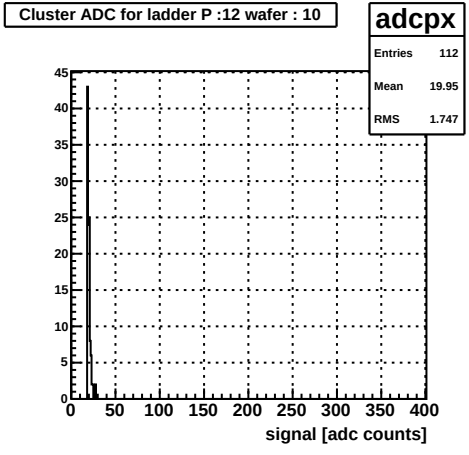

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4881
Mean 22.69
RMS 6.625
signal [adc counts]

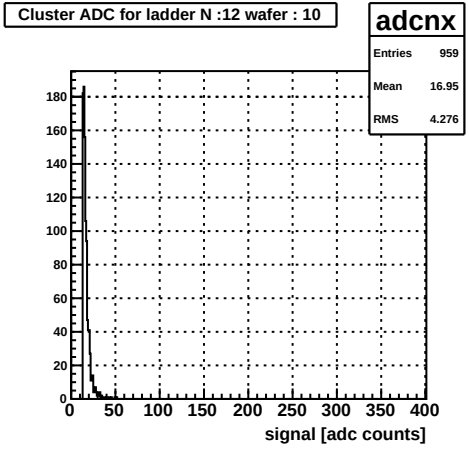

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2029
Mean 20.99
RMS 9.136
signal [adc counts]

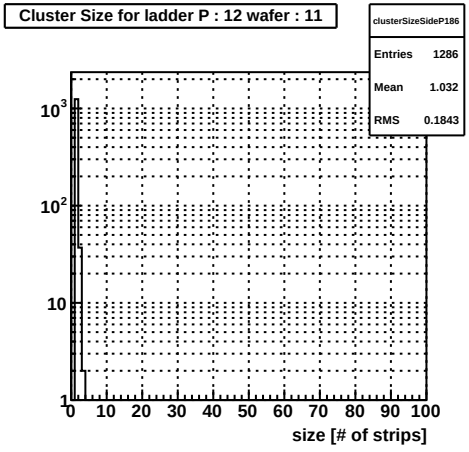

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 112
Mean 1
RMS 0
size [# of strips]

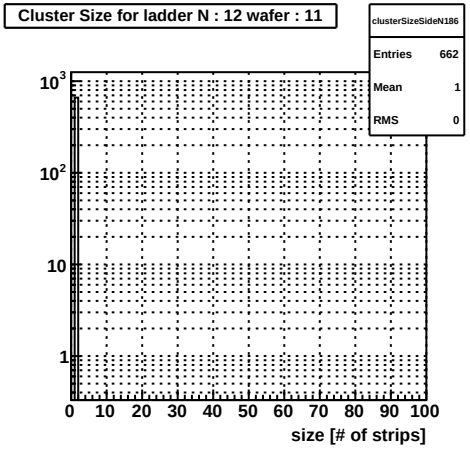

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 959
Mean 1.017
RMS 0.1434
size [# of strips]

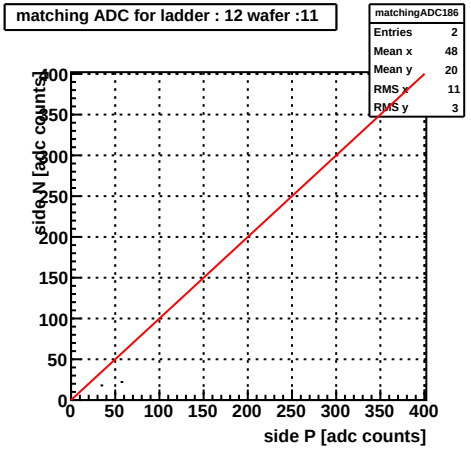

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

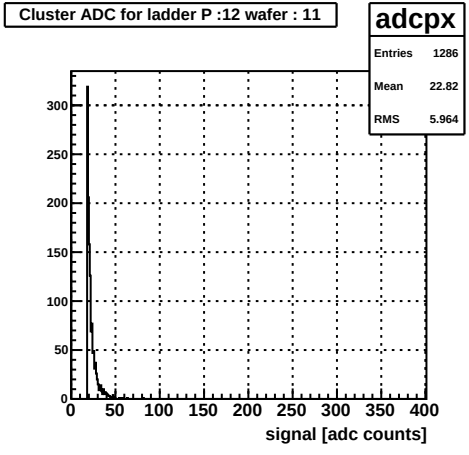

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 112
Mean 19.95
RMS 1.747
signal [adc counts]

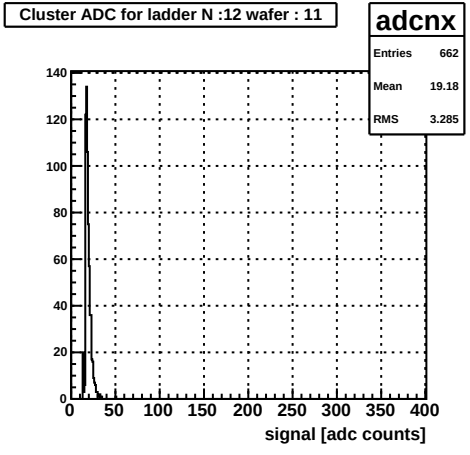

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 959
Mean 16.95
RMS 4.276
signal [adc counts]

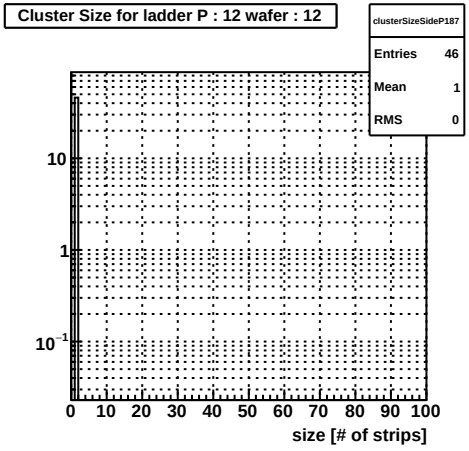

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1286
Mean 1.032
RMS 0.1843
size [# of strips]

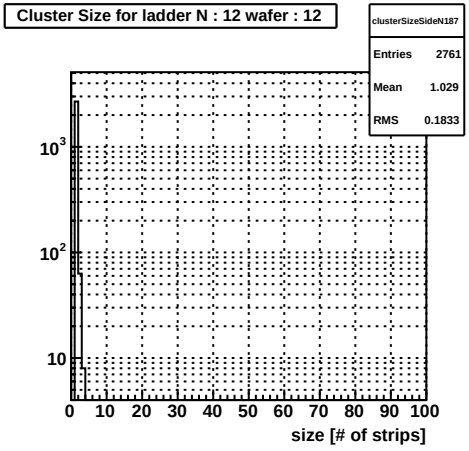

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 662
Mean 1
RMS 0
size [# of strips]

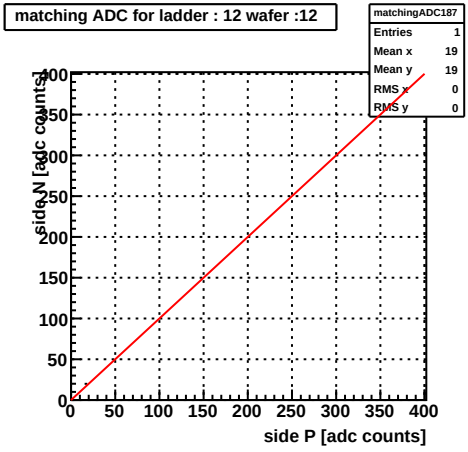

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 2
Mean x 48
Mean y 20
RMS x 11
RMS y 3
side N [adc counts]
side P [adc counts]

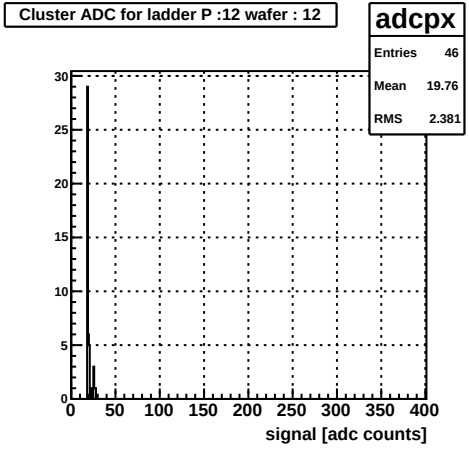

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1286
Mean 22.82
RMS 5.964
signal [adc counts]

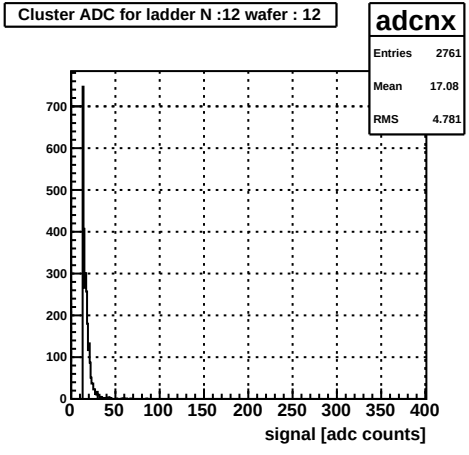

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 662
Mean 19.18
RMS 3.285
signal [adc counts]

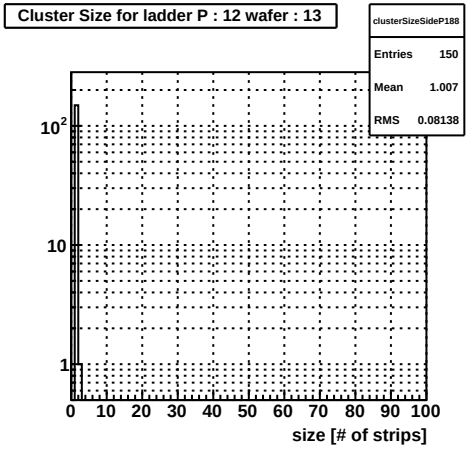

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 46
Mean 1
RMS 0
size [# of strips]

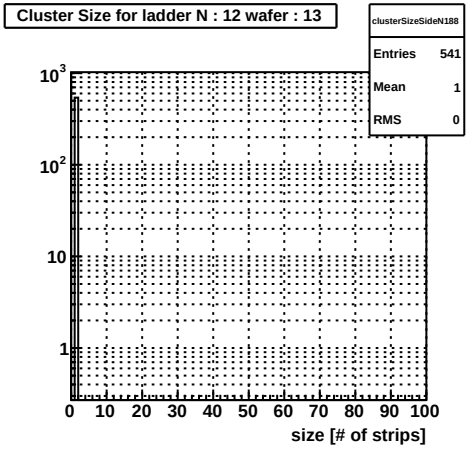

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2761
Mean 1.029
RMS 0.1833
size [# of strips]

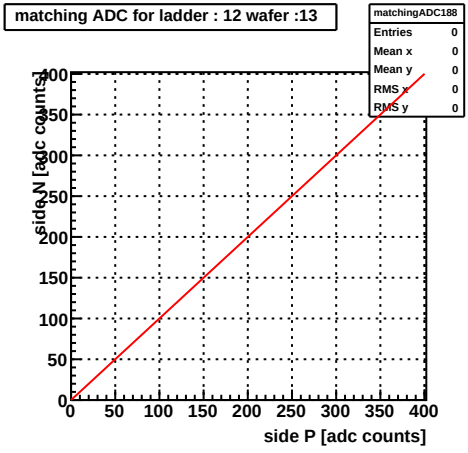

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1
Mean x 19
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

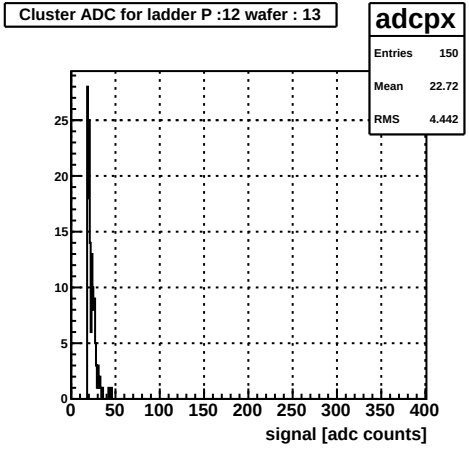

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 46
Mean 19.76
RMS 2.381
signal [adc counts]

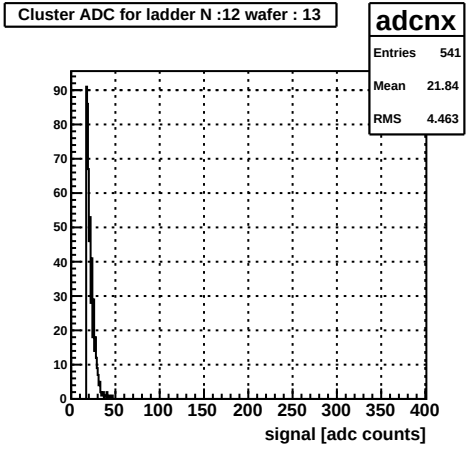

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2761
Mean 17.08
RMS 4.781
signal [adc counts]

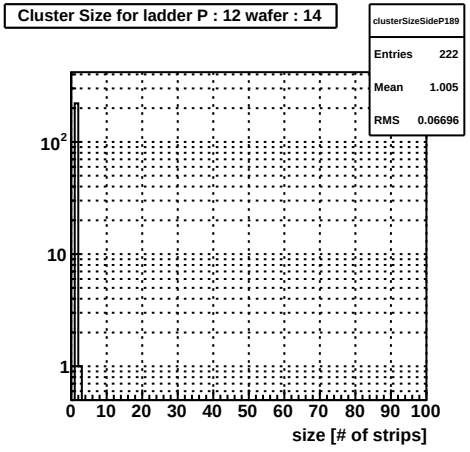

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 150
Mean 1.007
RMS 0.08138
size [# of strips]

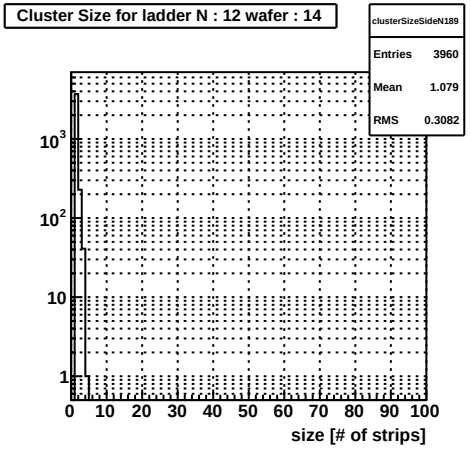

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 541
Mean 1
RMS 0
size [# of strips]

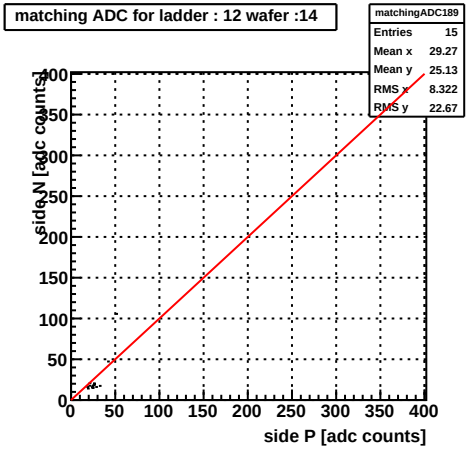

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

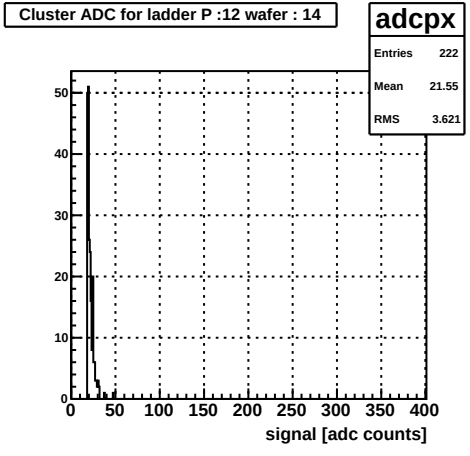

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 150
Mean 22.72
RMS 4.442
signal [adc counts]

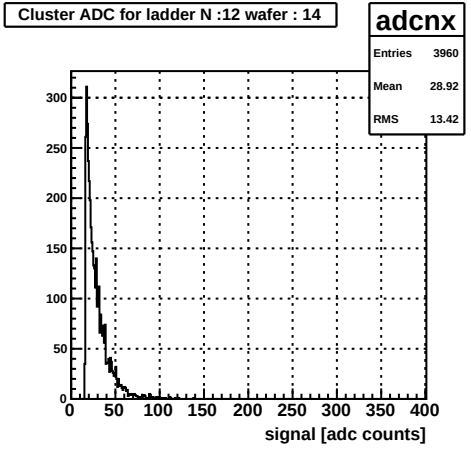

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 541
Mean 21.84
RMS 4.463
signal [adc counts]

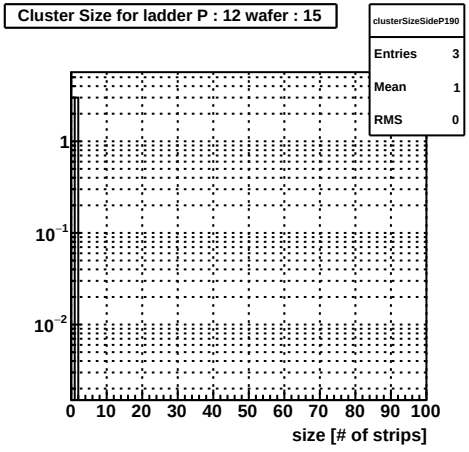

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 222
Mean 1.005
RMS 0.06696
size [# of strips]

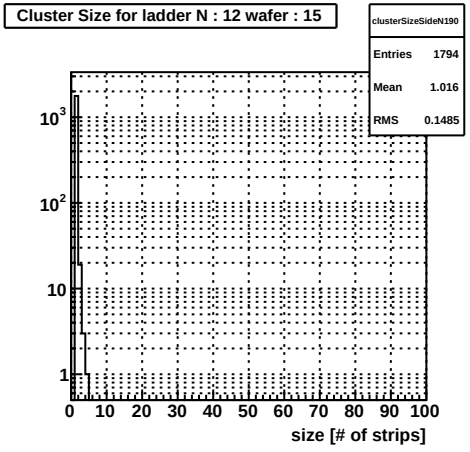

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3960
Mean 1.079
RMS 0.3082
size [# of strips]

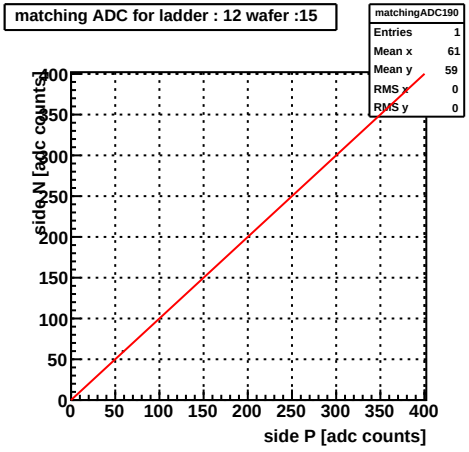

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 15
Mean x 29.27
Mean y 25.13
RMS x 8.322
RMS y 22.67
side N [adc counts]
side P [adc counts]

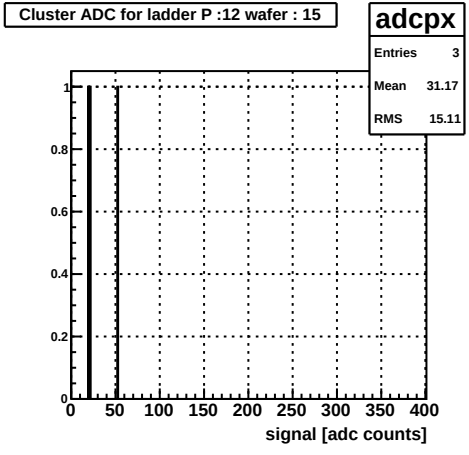

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 222
Mean 21.55
RMS 3.621
signal [adc counts]

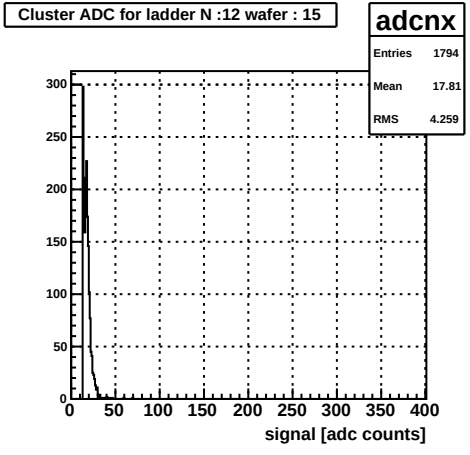

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3960
Mean 28.92
RMS 13.42
signal [adc counts]

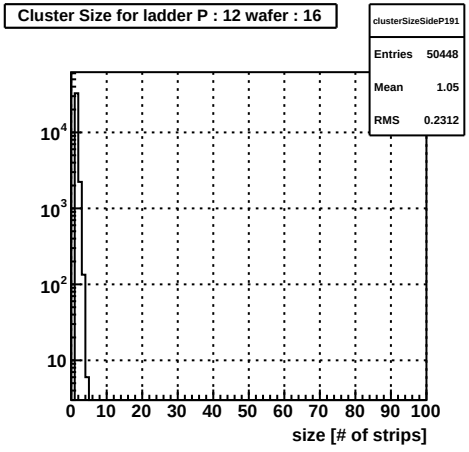

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 3
Mean 1
RMS 0
size [# of strips]

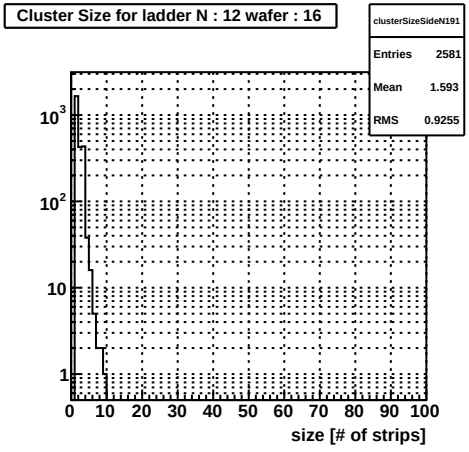

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1794
Mean 1.016
RMS 0.1485
size [# of strips]

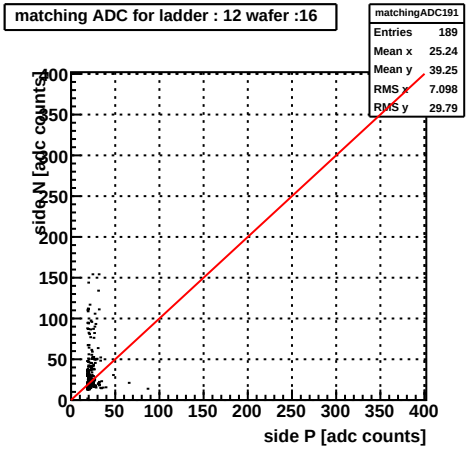

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1
Mean x 61
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

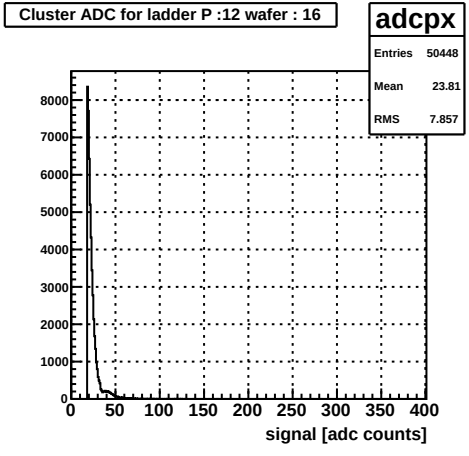

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 3
Mean 31.17
RMS 15.11
signal [adc counts]

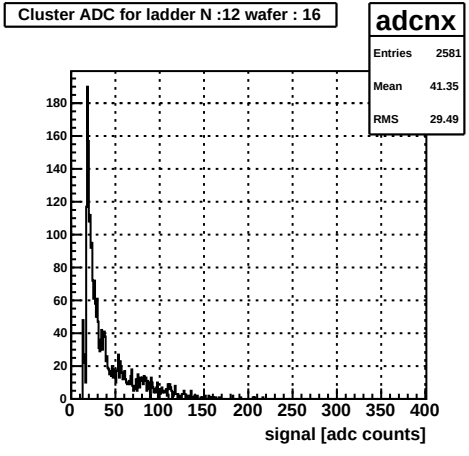

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1794
Mean 17.81
RMS 4.259
signal [adc counts]

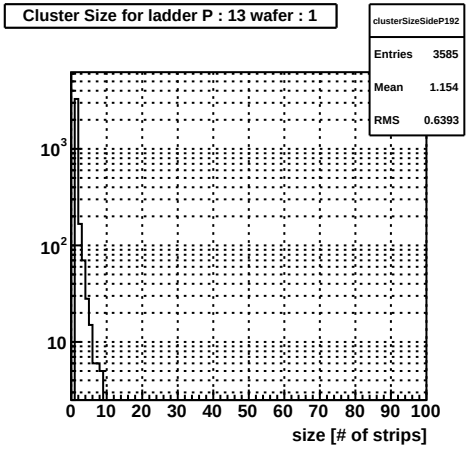

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 50448
Mean 1.05
RMS 0.2312
size [# of strips]

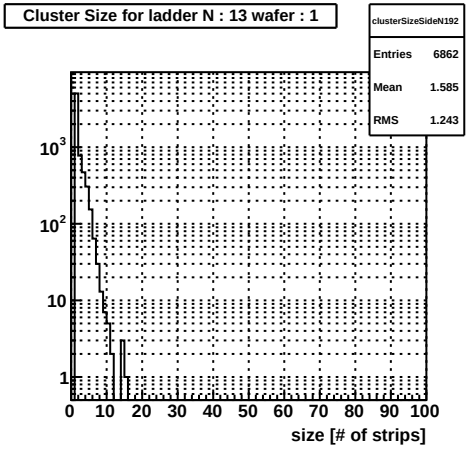

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2581
Mean 1.593
RMS 0.9255
size [# of strips]

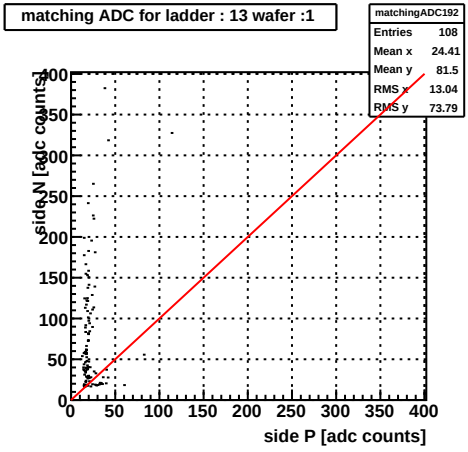

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 189
Mean x 25.24
Mean y 39.25
RMS x 7.098
RMS y 29.79
side N [adc counts]
side P [adc counts]

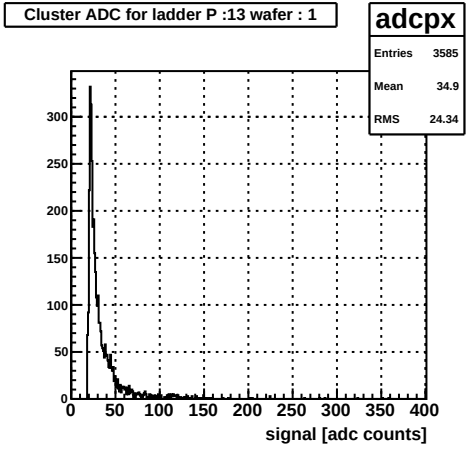

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 50448
Mean 23.81
RMS 7.857
signal [adc counts]

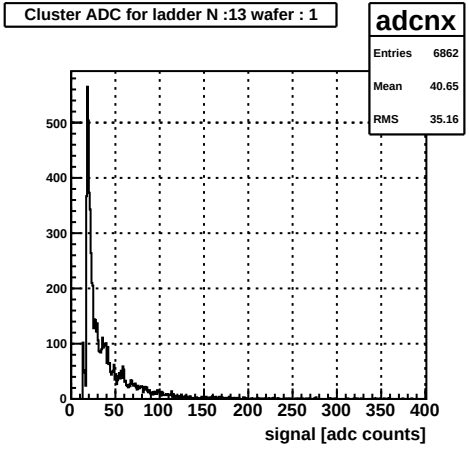

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2581
Mean 41.35
RMS 29.49
signal [adc counts]

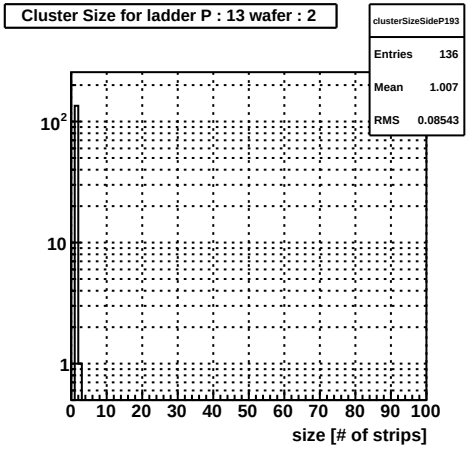

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3585
Mean 1.154
RMS 0.6393
size [# of strips]

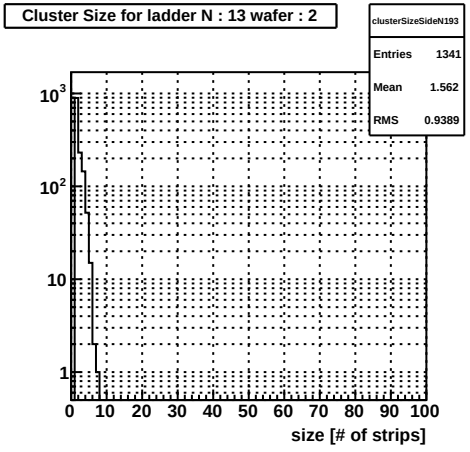

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 6862
Mean 1.585
RMS 1.243
size [# of strips]

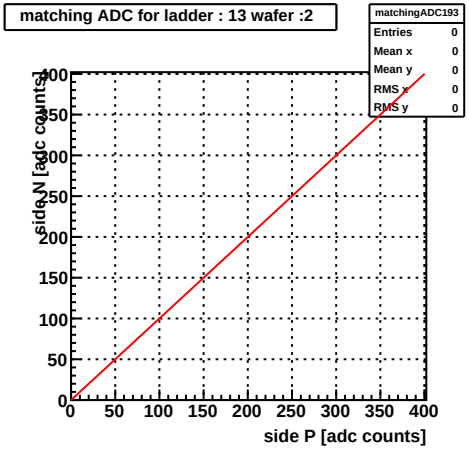

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 108
Mean x 24.41
Mean y 81.5
RMS x 13.04
RMS y 73.79
side N [adc counts]
side P [adc counts]

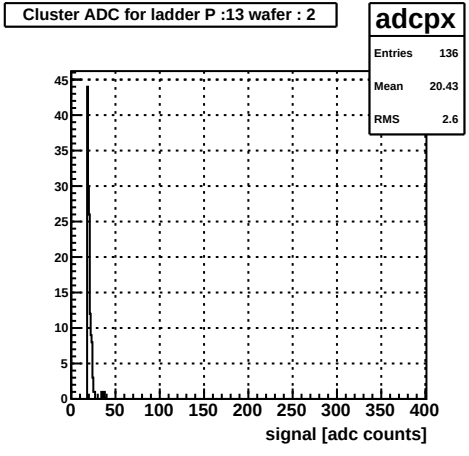

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3585
Mean 34.9
RMS 24.34
signal [adc counts]

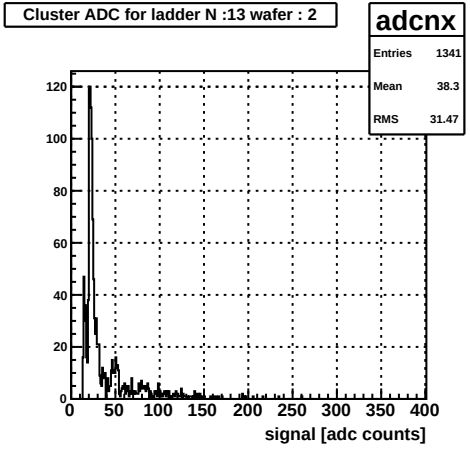

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 6862
Mean 40.65
RMS 35.16
signal [adc counts]

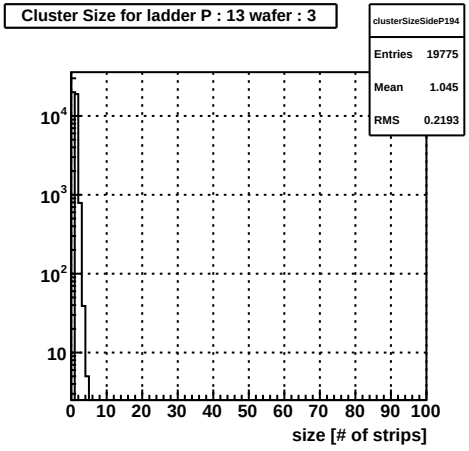

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 136
Mean 1.007
RMS 0.08543
size [# of strips]

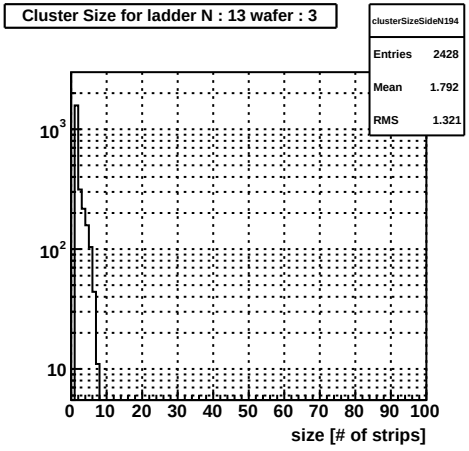

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 1341
Mean 1.562
RMS 0.9389
size [# of strips]

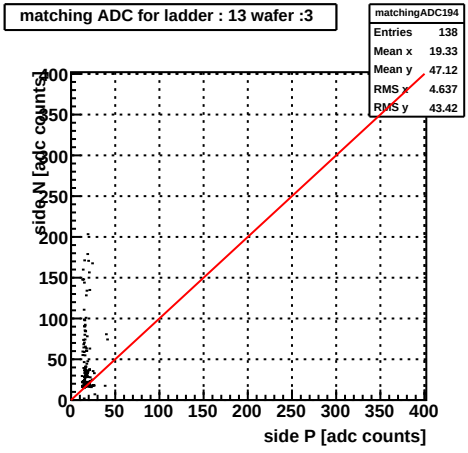

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

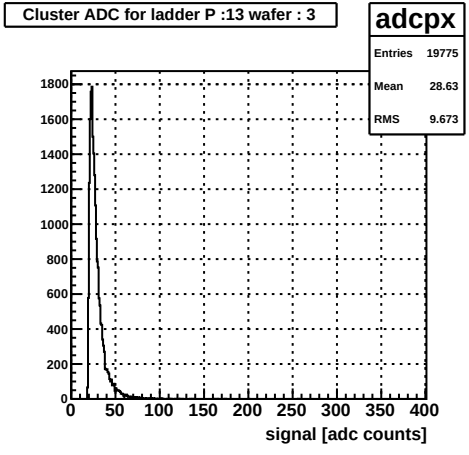

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 136
Mean 20.43
RMS 2.6
signal [adc counts]

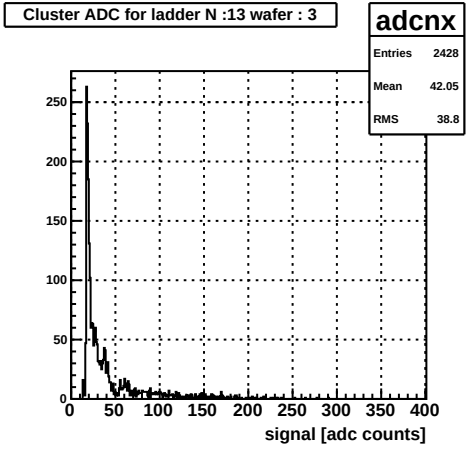

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 1341
Mean 38.3
RMS 31.47
signal [adc counts]

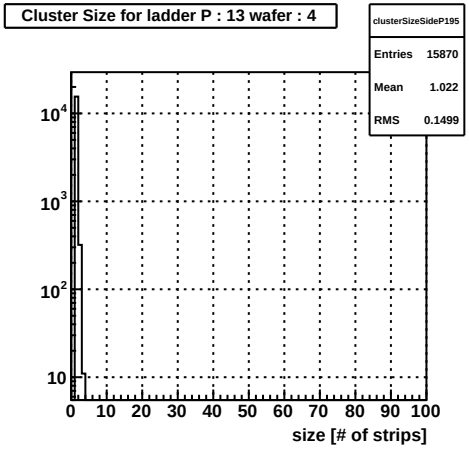

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 19775
Mean 1.045
RMS 0.2193
size [# of strips]

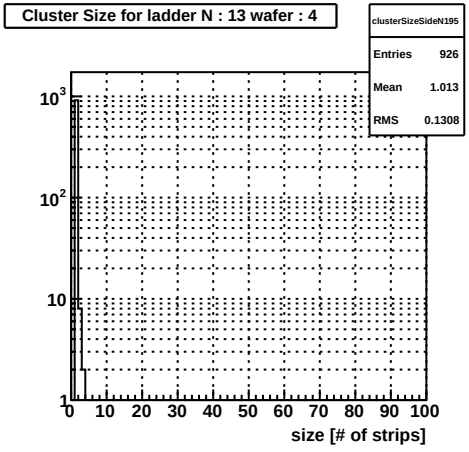

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2428
Mean 1.792
RMS 1.321
size [# of strips]

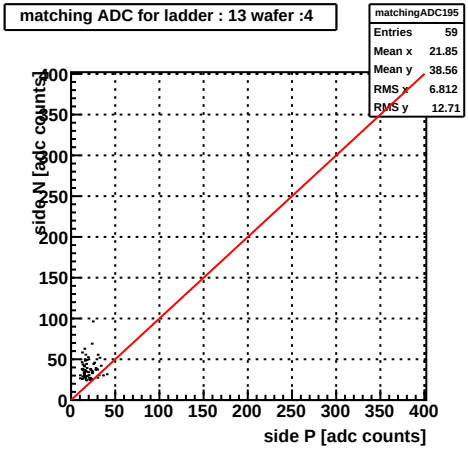

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 138
Mean x 19.33
Mean y 47.12
RMS x 4.637
RMS y 43.42
side N [adc counts]
side P [adc counts]

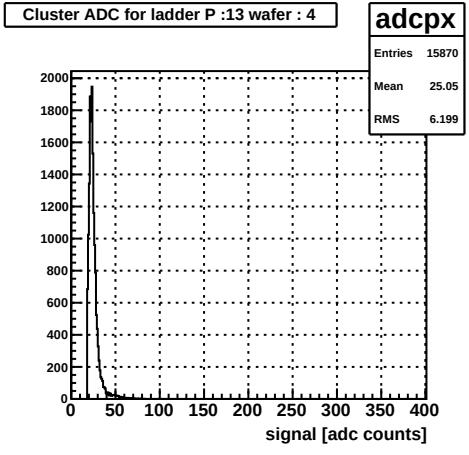

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 19775
Mean 28.63
RMS 9.673
signal [adc counts]

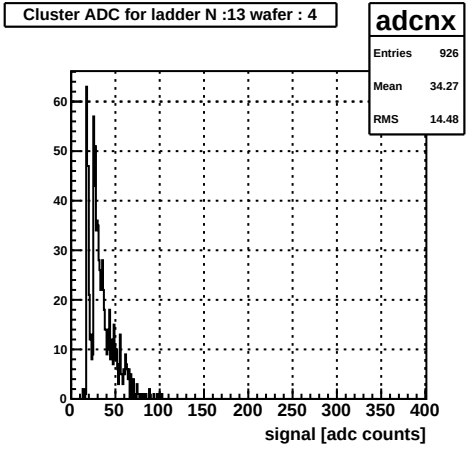

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2428
Mean 42.05
RMS 38.8
signal [adc counts]

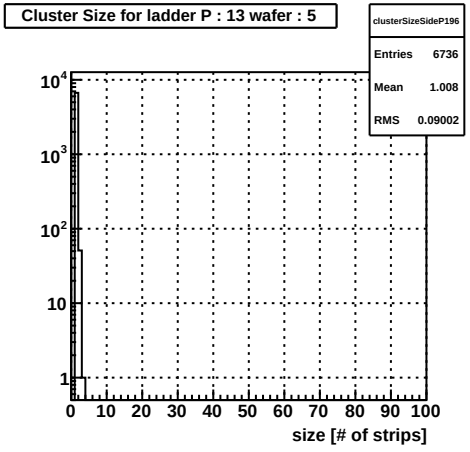

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 15870
Mean 1.022
RMS 0.1499
size [# of strips]

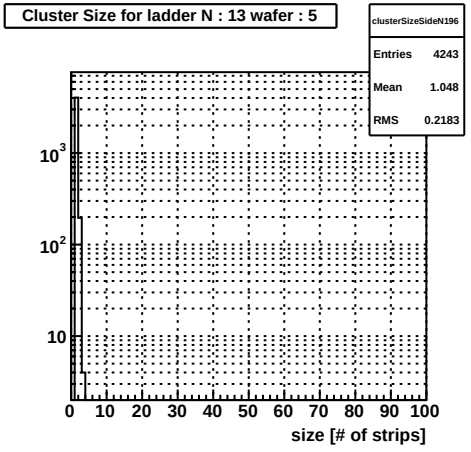

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 926
Mean 1.013
RMS 0.1308
size [# of strips]

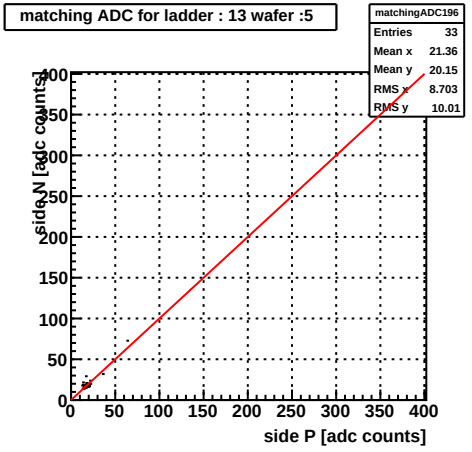

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 59
Mean x 21.85
Mean y 38.56
RMS x 6.812
RMS y 12.71
side N [adc counts]
side P [adc counts]

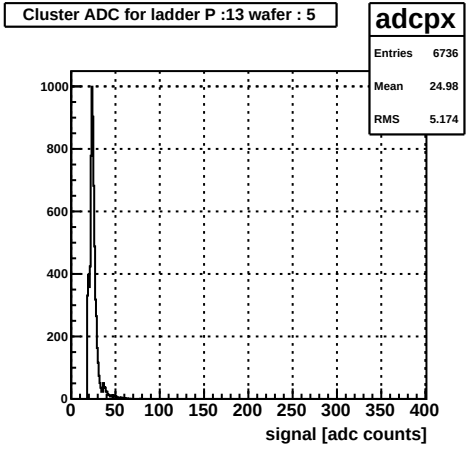

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 15870
Mean 25.05
RMS 6.199
signal [adc counts]

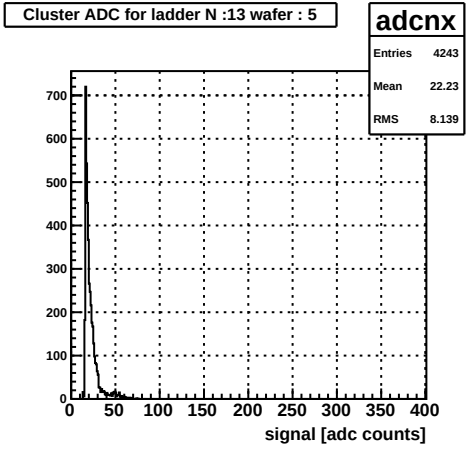

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 926
Mean 34.27
RMS 14.48
signal [adc counts]

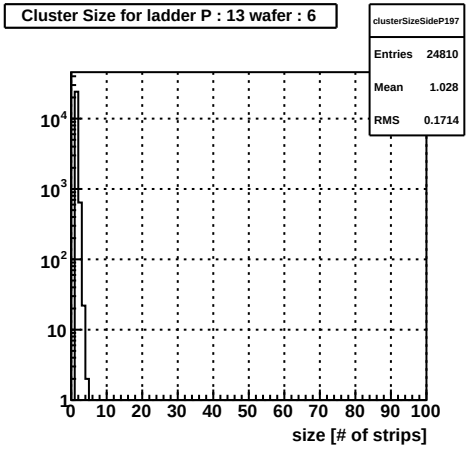

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6736
Mean 1.008
RMS 0.09002
size [# of strips]

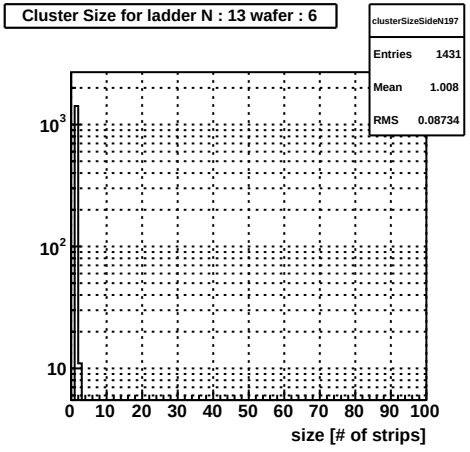

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4243
Mean 1.048
RMS 0.2183
size [# of strips]

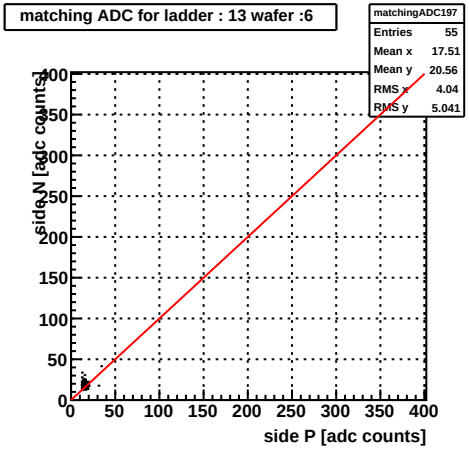

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 33
Mean x 21.36
Mean y 20.15
RMS x 8.703
RMS y 10.01
side N [adc counts]
side P [adc counts]

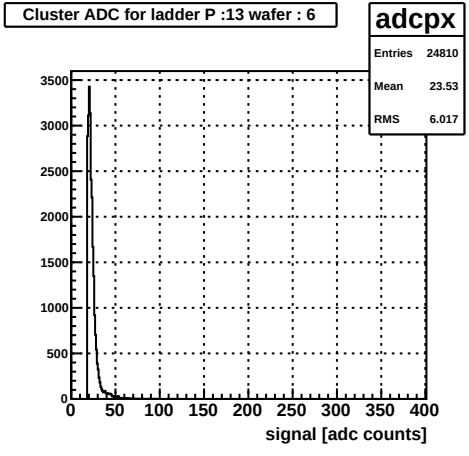

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6736
Mean 24.98
RMS 5.174
signal [adc counts]

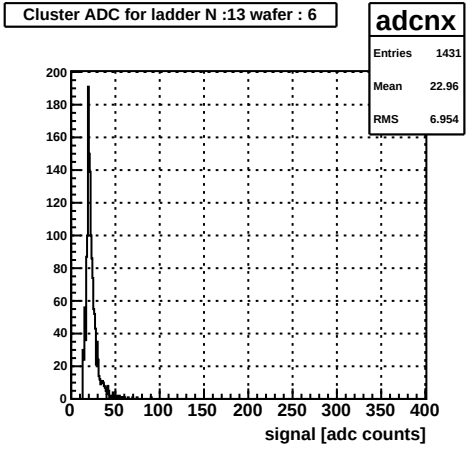

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4243
Mean 22.23
RMS 8.139
signal [adc counts]

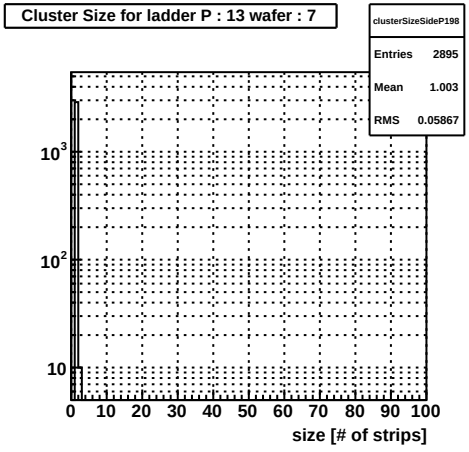

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 24810
Mean 1.028
RMS 0.1714
size [# of strips]

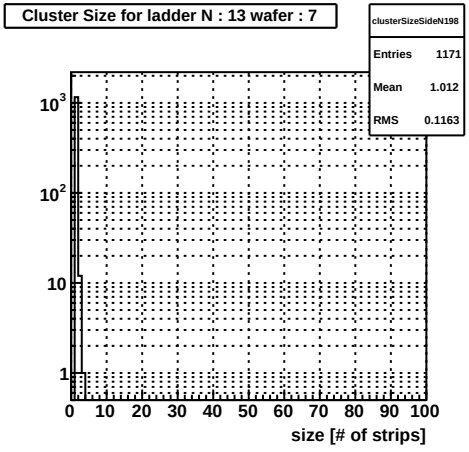

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1431
Mean 1.008
RMS 0.08734
size [# of strips]

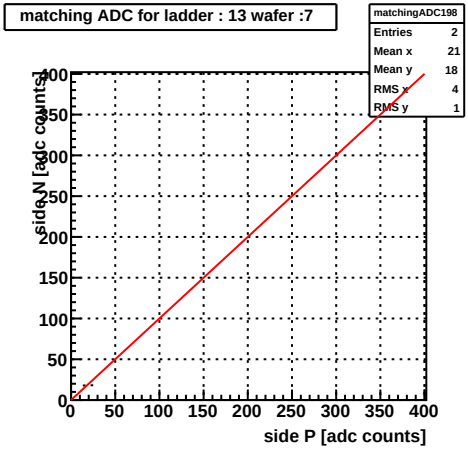

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 55
Mean x 17.51
Mean y 20.56
RMS x 4.04
RMS y 5.041
side N [adc counts]
side P [adc counts]

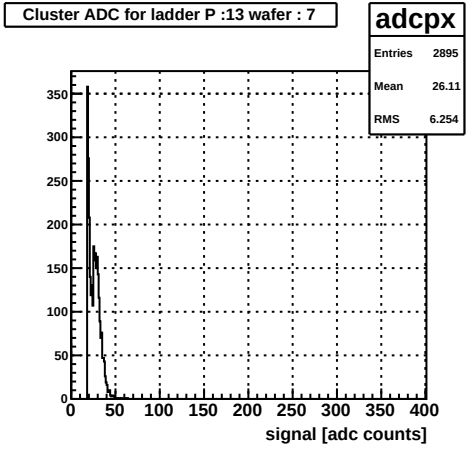

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 24810
Mean 23.53
RMS 6.017
signal [adc counts]

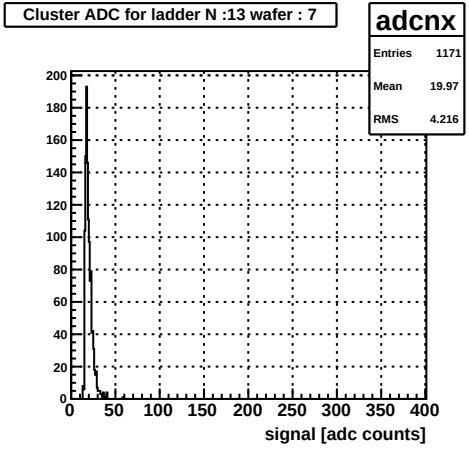

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1431
Mean 22.96
RMS 6.954
signal [adc counts]

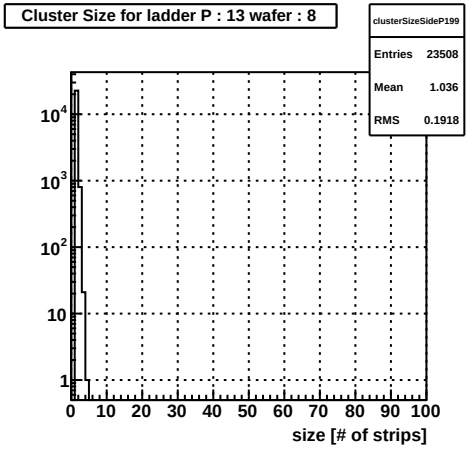

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2895
Mean 1.003
RMS 0.05867
size [# of strips]

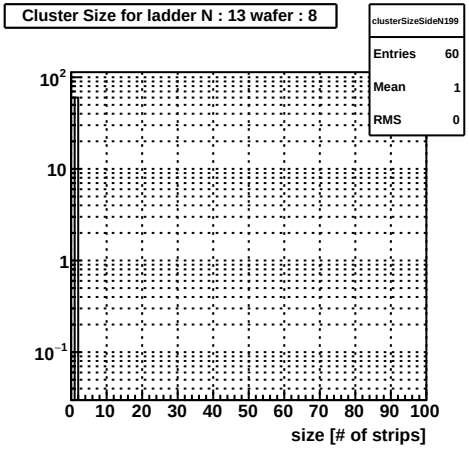

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1171
Mean 1.012
RMS 0.1163
size [# of strips]

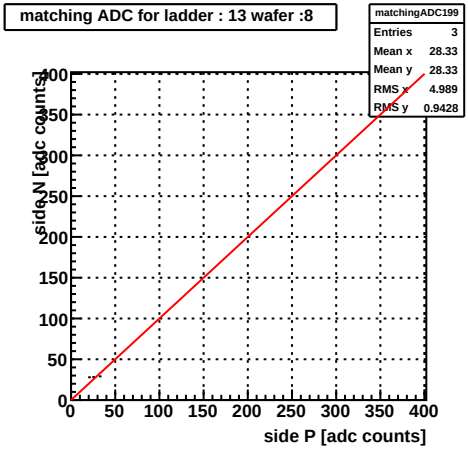

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 2
Mean x 21
Mean y 18
RMS x 4
RMS y 1
side N [adc counts]
side P [adc counts]

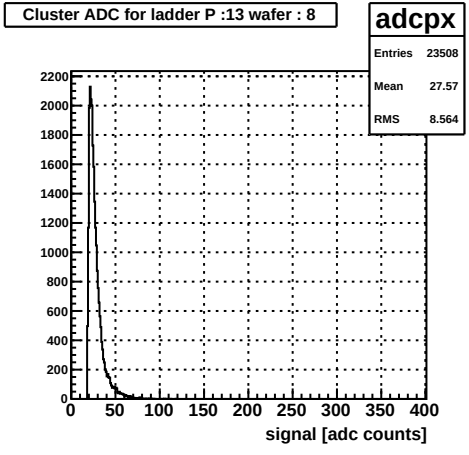

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2895
Mean 26.11
RMS 6.254
signal [adc counts]

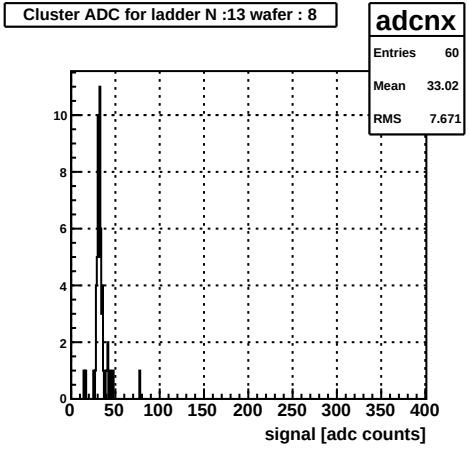

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1171
Mean 19.97
RMS 4.216
signal [adc counts]

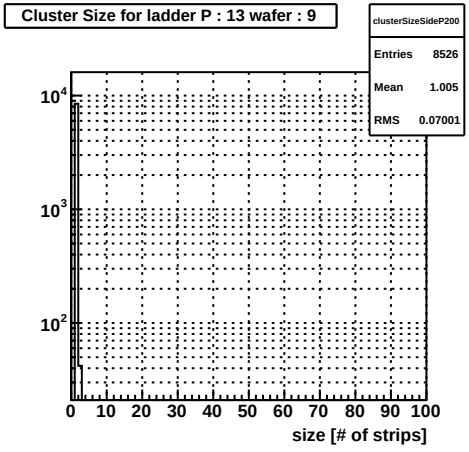

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 23508
Mean 1.036
RMS 0.1918
size [# of strips]

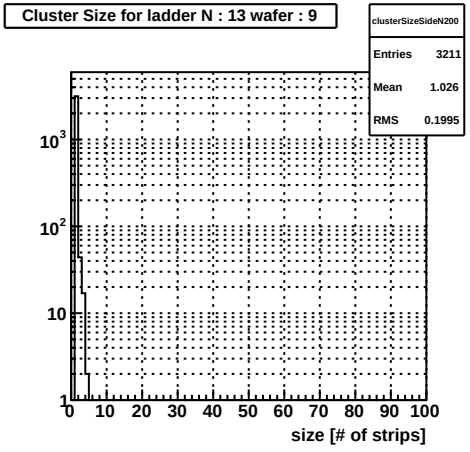

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 60
Mean 1
RMS 0
size [# of strips]

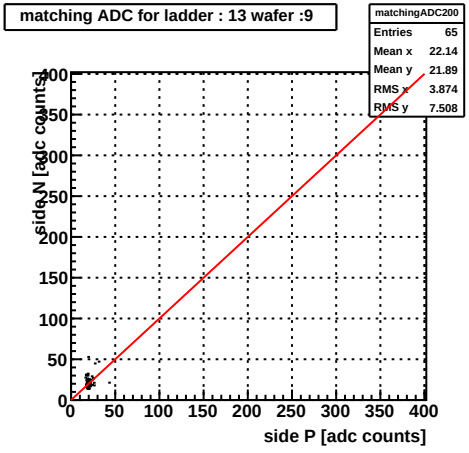

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 3
Mean x 28.33
Mean y 28.33
RMS x 4.989
RMS y 0.9428
side N [adc counts]
side P [adc counts]

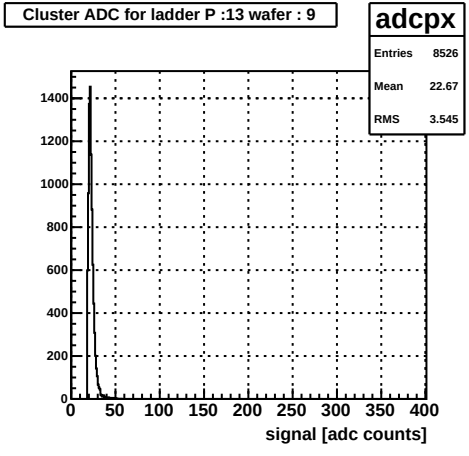

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 23508
Mean 27.57
RMS 8.564
signal [adc counts]

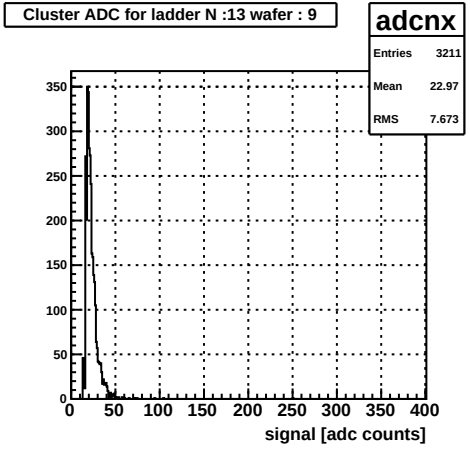

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 60
Mean 33.02
RMS 7.671
signal [adc counts]

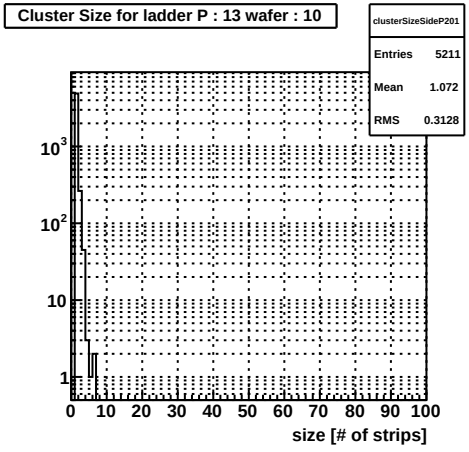

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 8526
Mean 1.005
RMS 0.07001
size [# of strips]

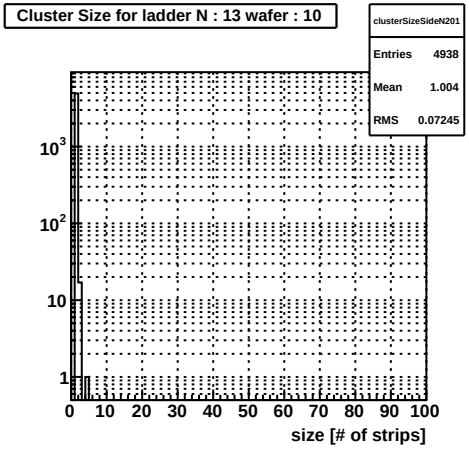

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3211
Mean 1.026
RMS 0.1995
size [# of strips]

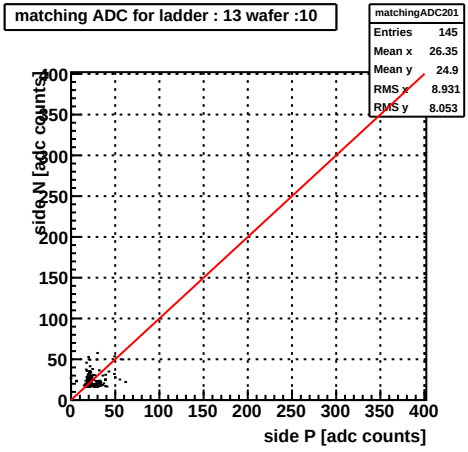

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 65
Mean x 22.14
Mean y 21.89
RMS x 3.874
RMS y 7.508
side N [adc counts]
side P [adc counts]

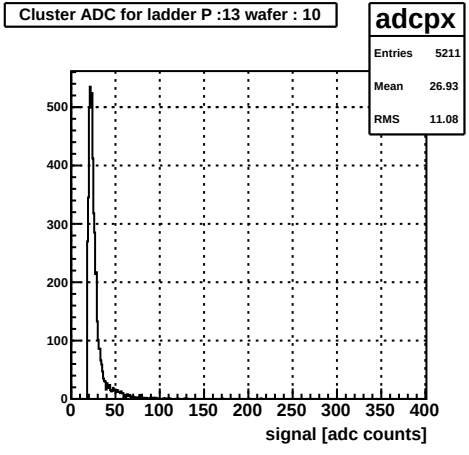

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 8526
Mean 22.67
RMS 3.545
signal [adc counts]

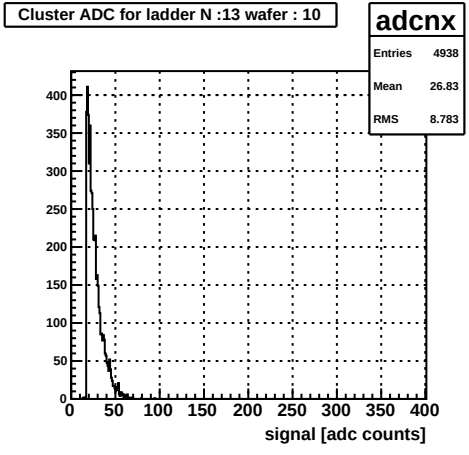

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3211
Mean 22.97
RMS 7.673
signal [adc counts]

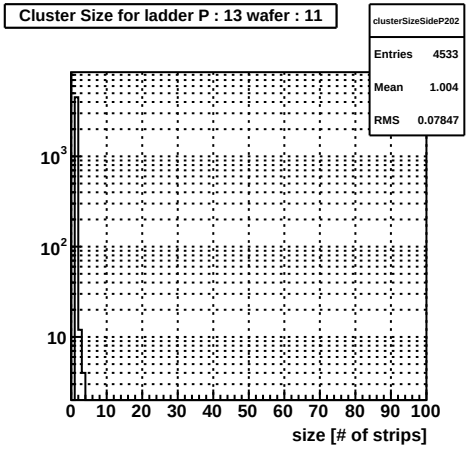

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5211
Mean 1.072
RMS 0.3128
size [# of strips]

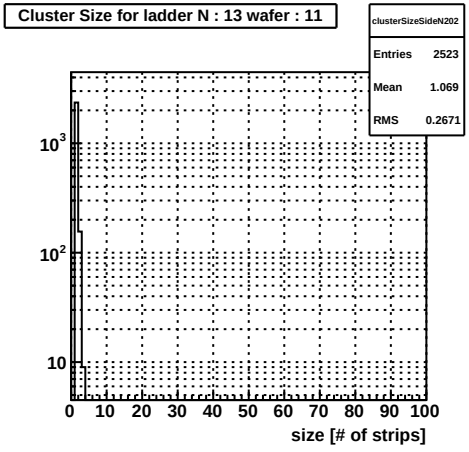

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4938
Mean 1.004
RMS 0.07245
size [# of strips]

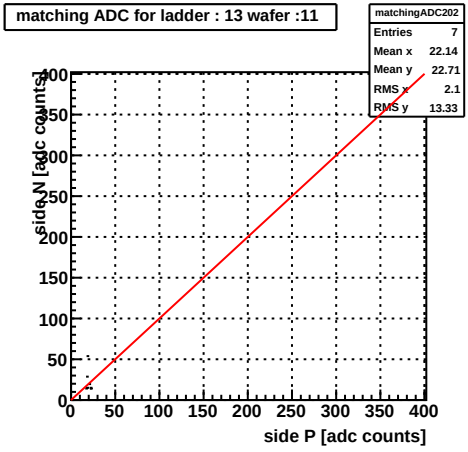

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 145
Mean x 26.35
Mean y 24.9
RMS x 8.931
RMS y 8.053
side N [adc counts]
side P [adc counts]

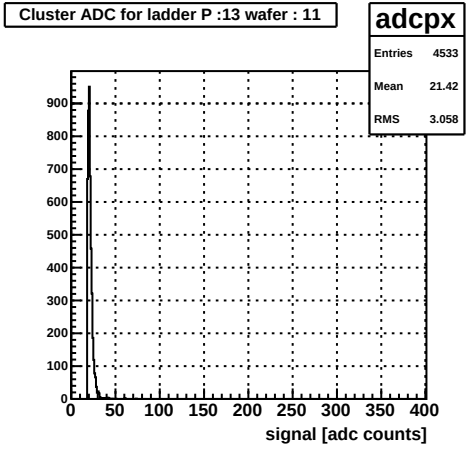

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5211
Mean 26.93
RMS 11.08
signal [adc counts]

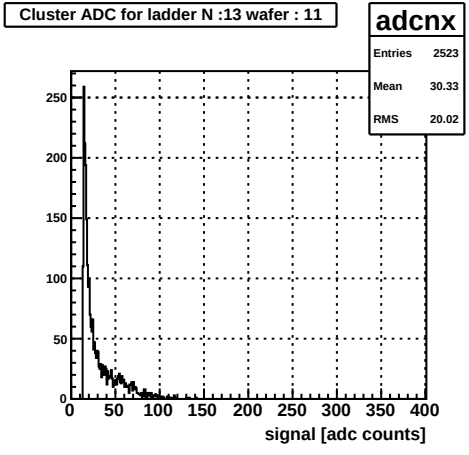

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4938
Mean 26.83
RMS 8.783
signal [adc counts]

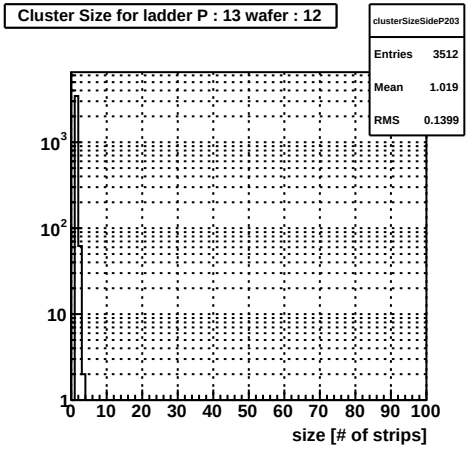

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4533
Mean 1.004
RMS 0.07847
size [# of strips]

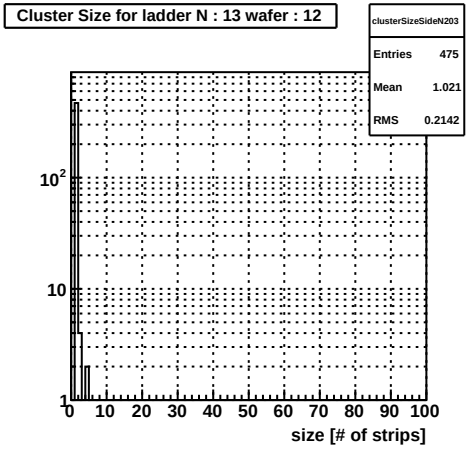

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2523
Mean 1.069
RMS 0.2671
size [# of strips]

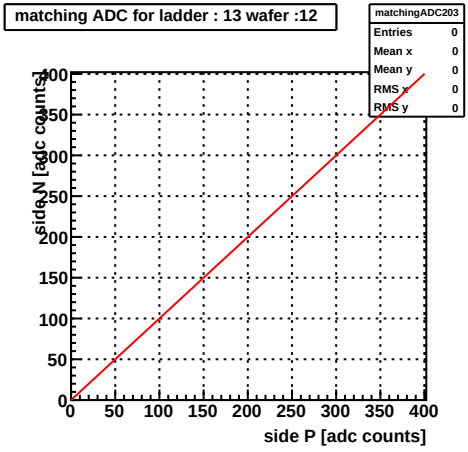

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 7
Mean x 22.14
Mean y 22.71
RMS x 2.1
RMS y 13.33
side N [adc counts]
side P [adc counts]

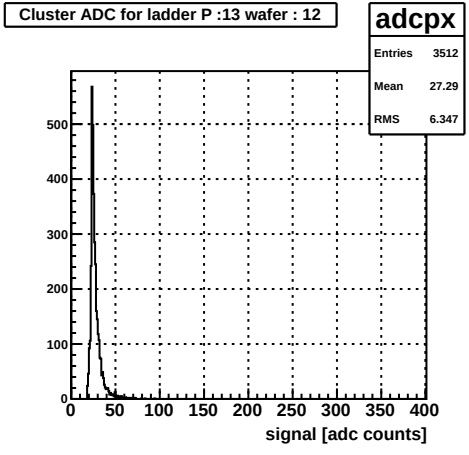

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4533
Mean 21.42
RMS 3.058
signal [adc counts]

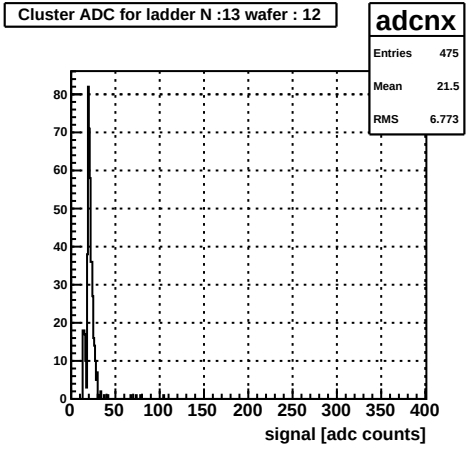

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2523
Mean 30.33
RMS 20.02
signal [adc counts]

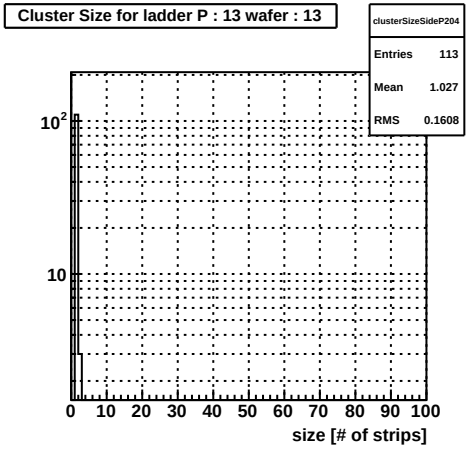

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3512
Mean 1.019
RMS 0.1399
size [# of strips]

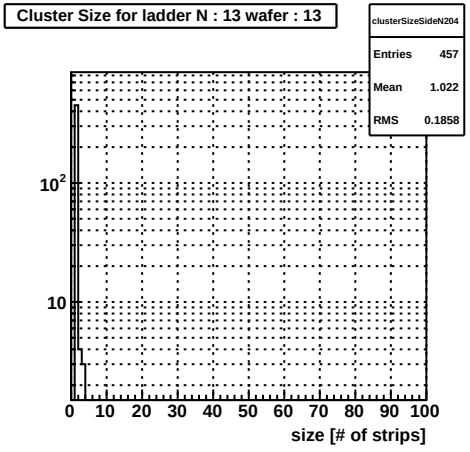

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 475
Mean 1.021
RMS 0.2142
size [# of strips]

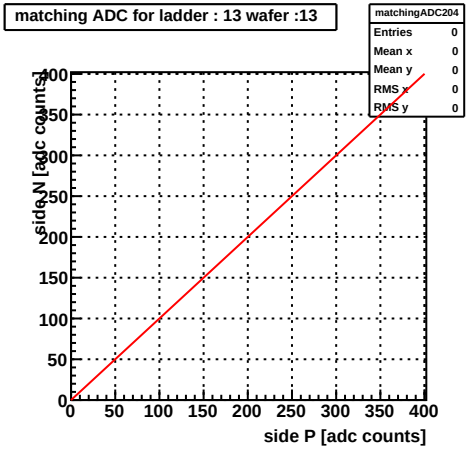

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

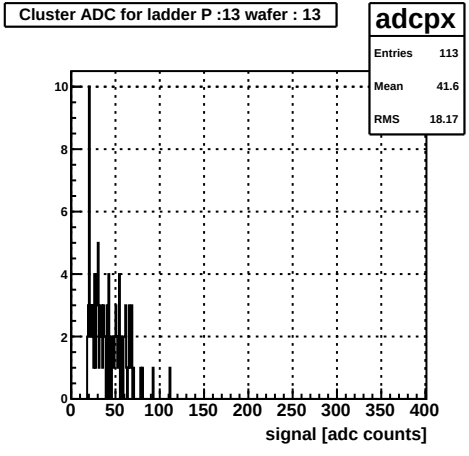

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3512
Mean 27.29
RMS 6.347
signal [adc counts]

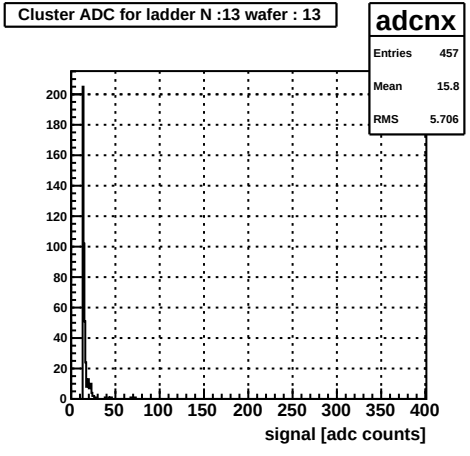

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 475
Mean 21.5
RMS 6.773
signal [adc counts]

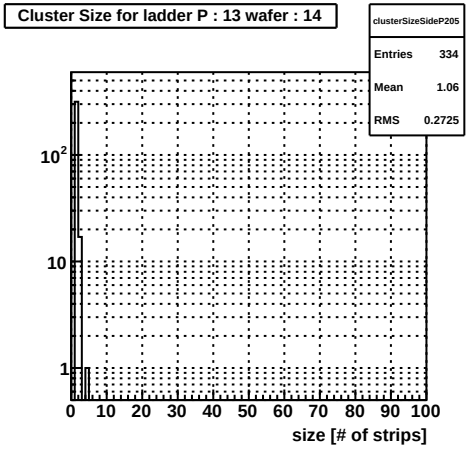

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 113
Mean 1.027
RMS 0.1608
size [# of strips]

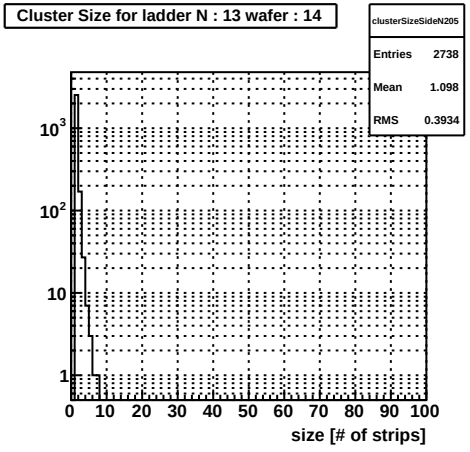

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 457
Mean 1.022
RMS 0.1858
size [# of strips]

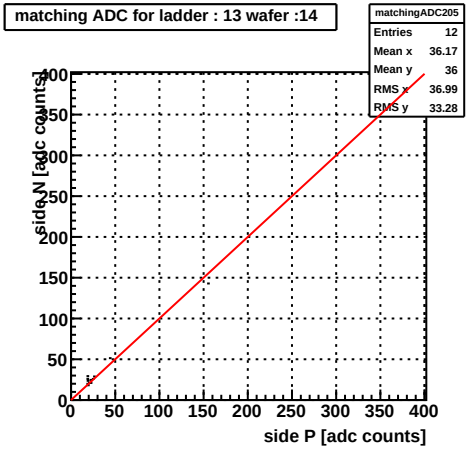

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

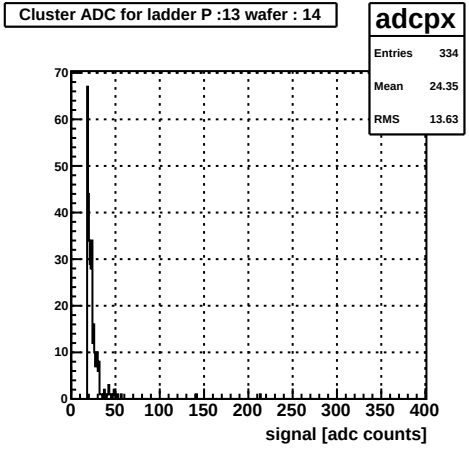

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 113
Mean 41.6
RMS 18.17
signal [adc counts]

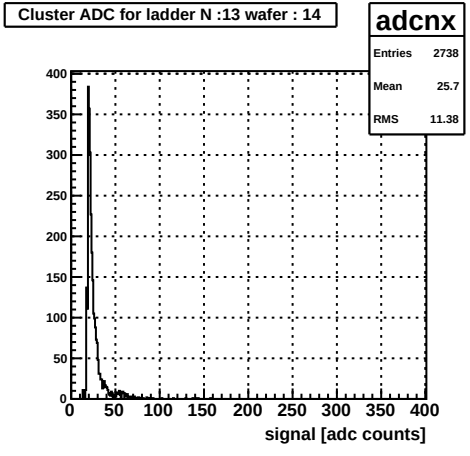

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 457
Mean 15.8
RMS 5.706
signal [adc counts]

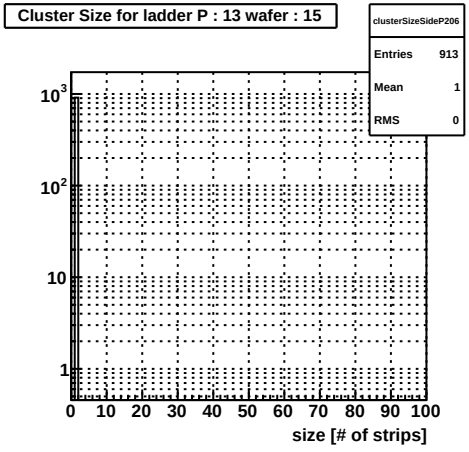

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 334
Mean 1.06
RMS 0.2725
size [# of strips]

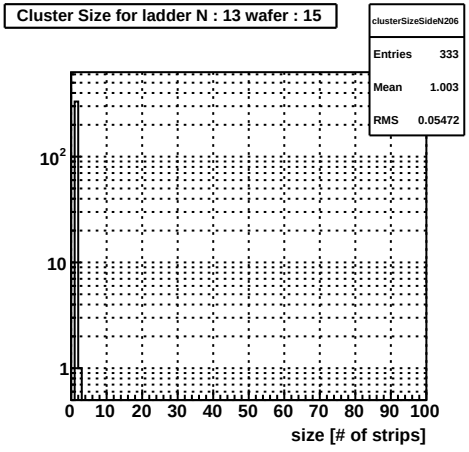

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2738
Mean 1.098
RMS 0.3934
size [# of strips]

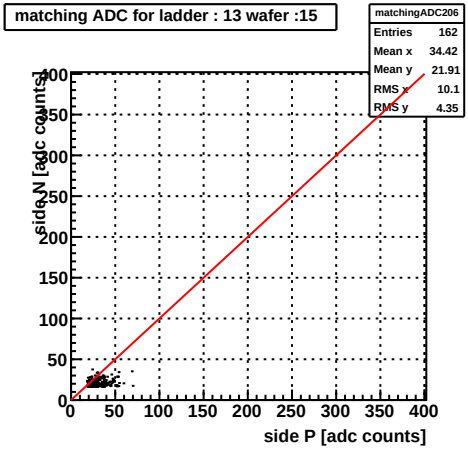

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 12
Mean x 36.17
Mean y 36
RMS x 36.99
RMS y 33.28
side N [adc counts]
side P [adc counts]

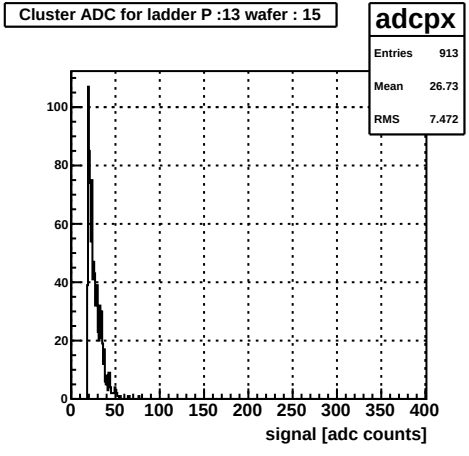

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 334
Mean 24.35
RMS 13.63
signal [adc counts]

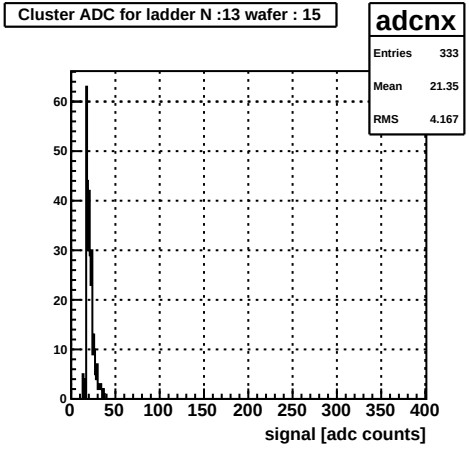

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2738
Mean 25.7
RMS 11.38
signal [adc counts]

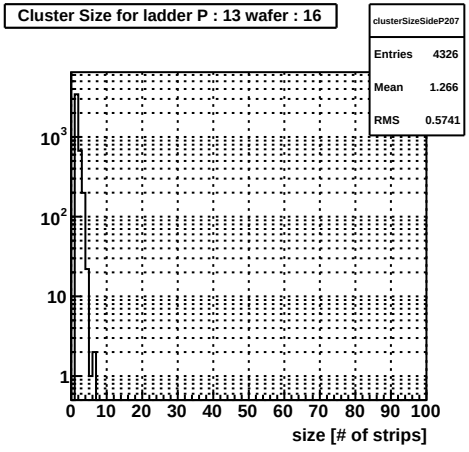

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 913
Mean 1
RMS 0
size [# of strips]

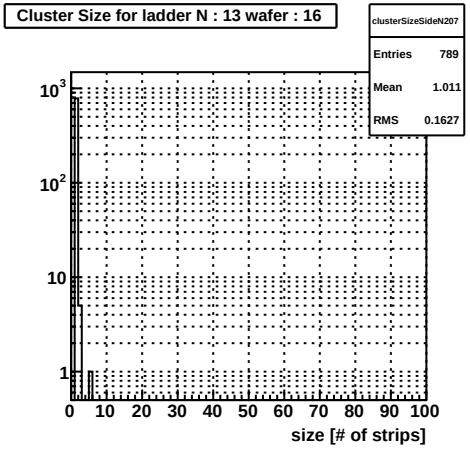

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 333
Mean 1.003
RMS 0.05472
size [# of strips]

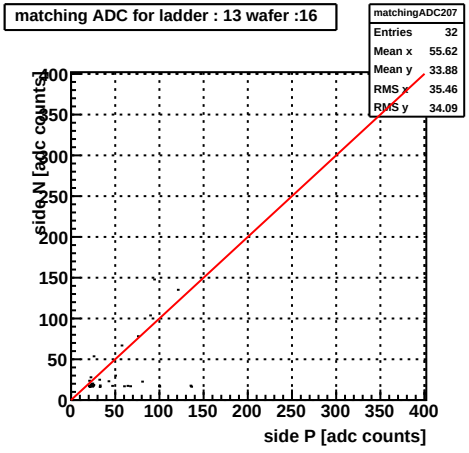

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 162
Mean x 34.42
Mean y 21.91
RMS x 10.1
RMS y 4.35
side N [adc counts]
side P [adc counts]

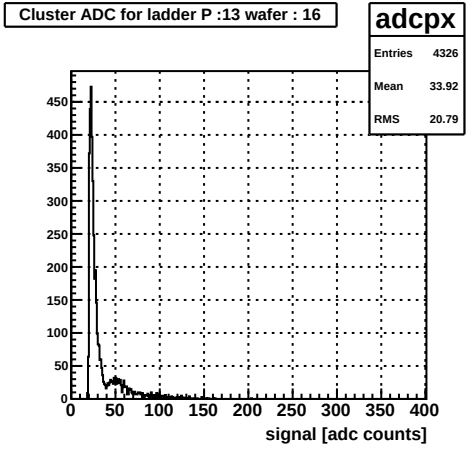

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 913
Mean 26.73
RMS 7.472
signal [adc counts]

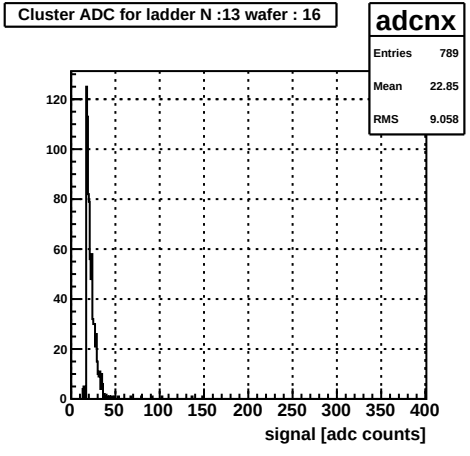

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 333
Mean 21.35
RMS 4.167
signal [adc counts]

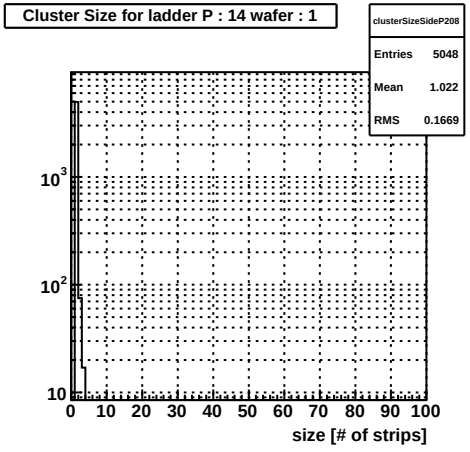

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4326
Mean 1.266
RMS 0.5741
size [# of strips]

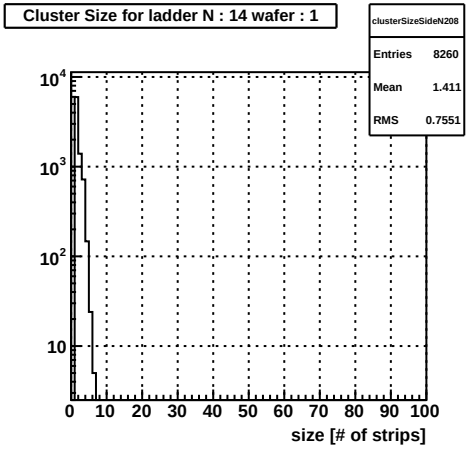

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 789
Mean 1.011
RMS 0.1627
size [# of strips]

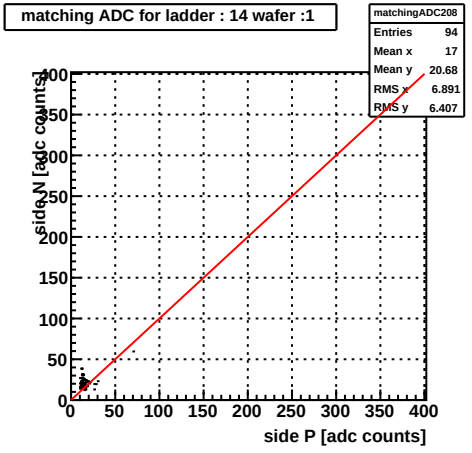

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 32
Mean x 55.62
Mean y 33.88
RMS x 35.46
RMS y 34.09
side N [adc counts]
side P [adc counts]

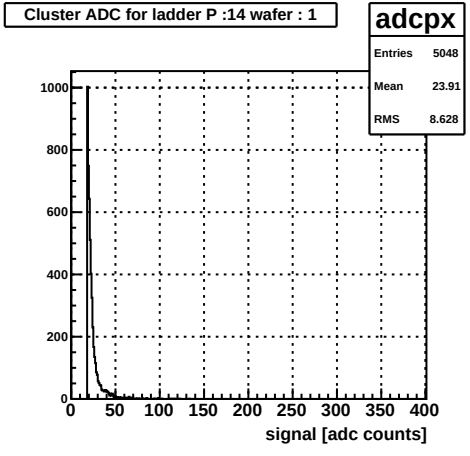

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4326
Mean 33.92
RMS 20.79
signal [adc counts]

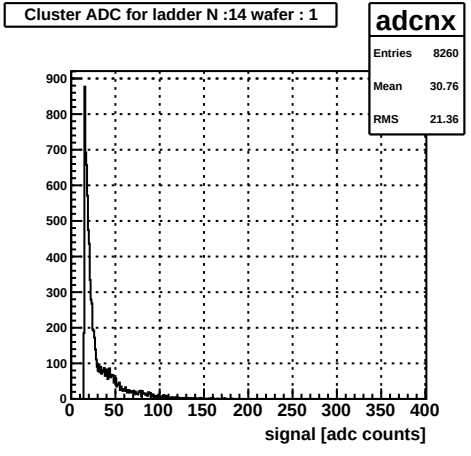

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 789
Mean 22.85
RMS 9.058
signal [adc counts]

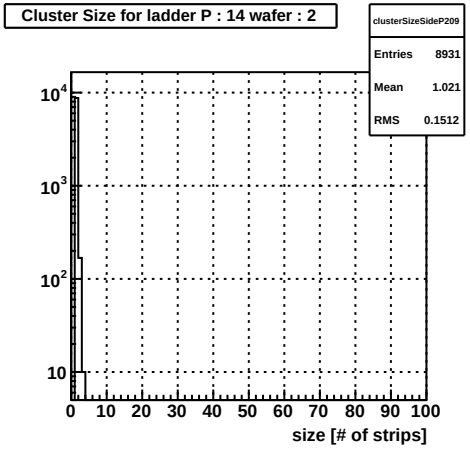

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 5048
Mean 1.022
RMS 0.1669
size [# of strips]

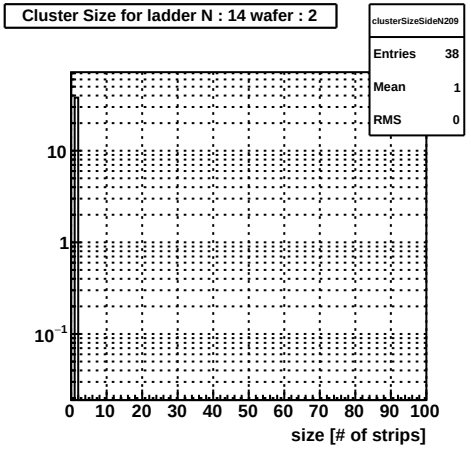

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8260
Mean 1.411
RMS 0.7551
size [# of strips]

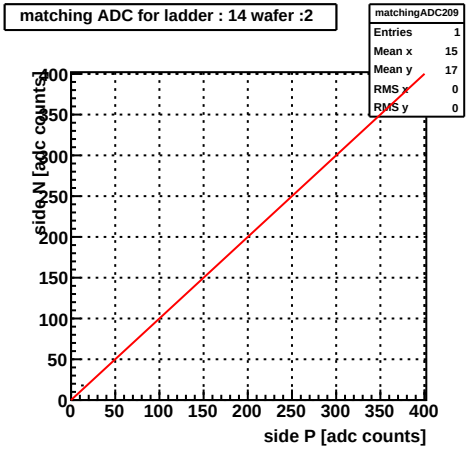

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 94
Mean x 17
Mean y 20.68
RMS x 6.891
RMS y 6.407
side N [adc counts]
side P [adc counts]

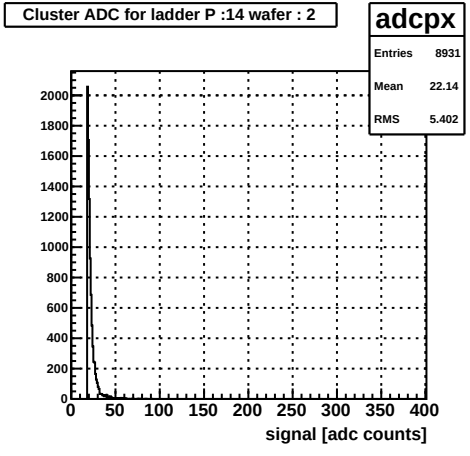

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 5048
Mean 23.91
RMS 8.628
signal [adc counts]

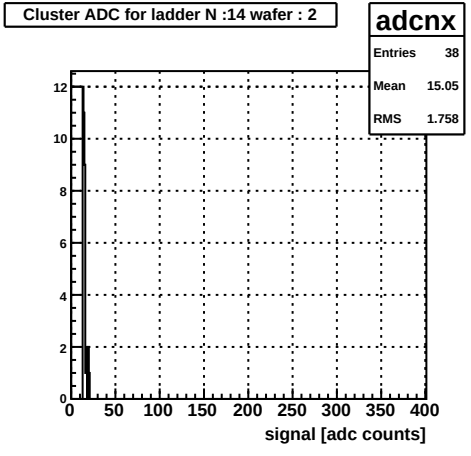

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8260
Mean 30.76
RMS 21.36
signal [adc counts]

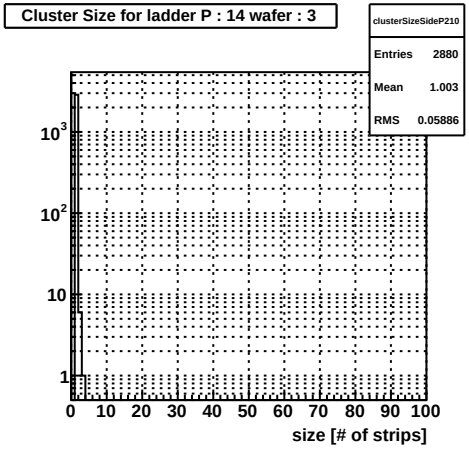

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 8931
Mean 1.021
RMS 0.1512
size [# of strips]

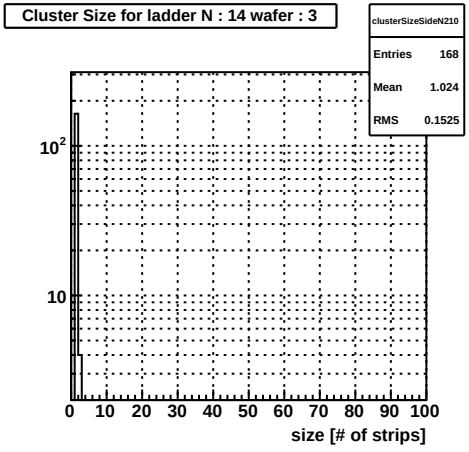

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 38
Mean 1
RMS 0
size [# of strips]

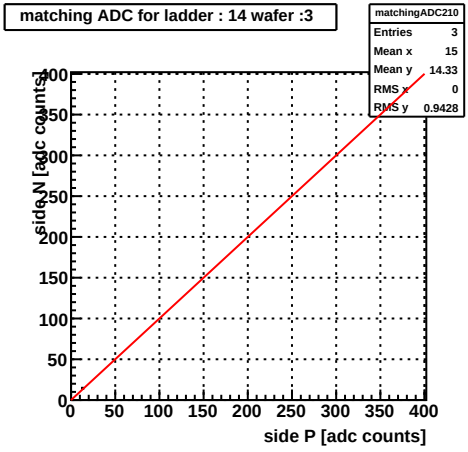

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1
Mean x 15
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

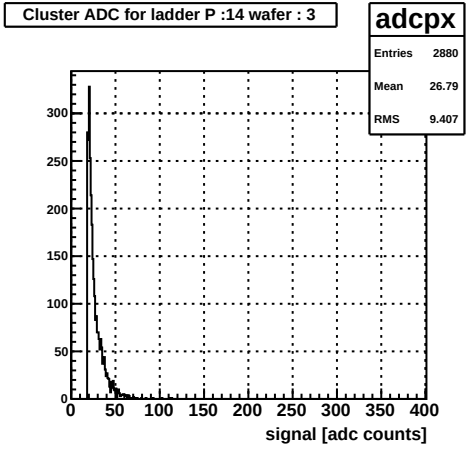

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 8931
Mean 22.14
RMS 5.402
signal [adc counts]

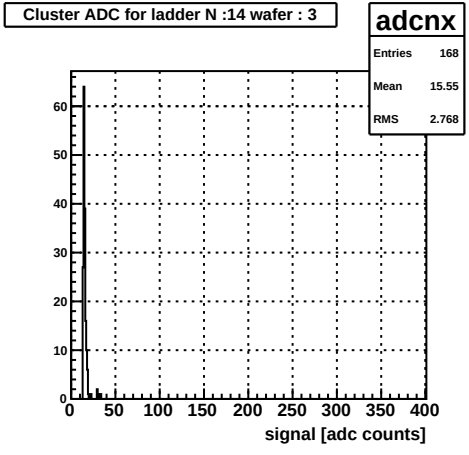

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 38
Mean 15.05
RMS 1.758
signal [adc counts]

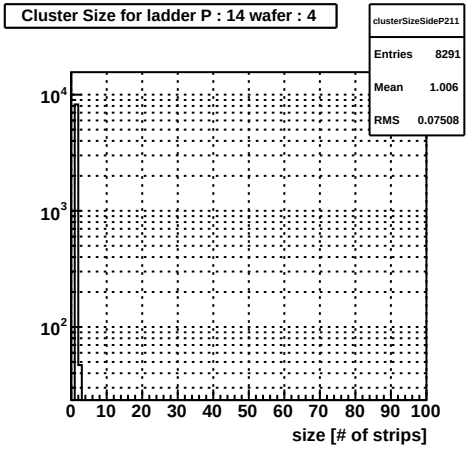

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2880
Mean 1.003
RMS 0.05886
size [# of strips]

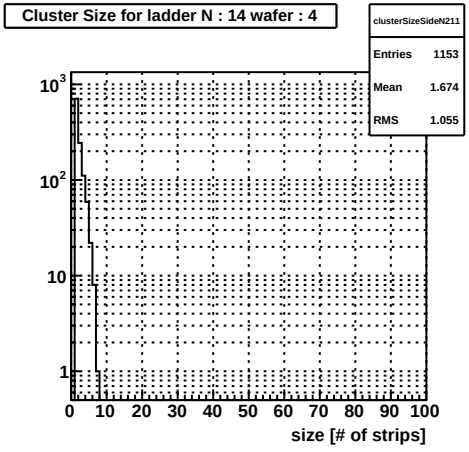

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 168
Mean 1.024
RMS 0.1525
size [# of strips]

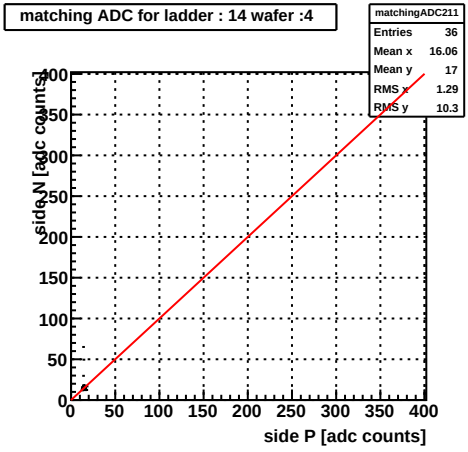

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 3
Mean x 15
Mean y 14.33
RMS x 0
RMS y 0.9428
side N [adc counts]
side P [adc counts]

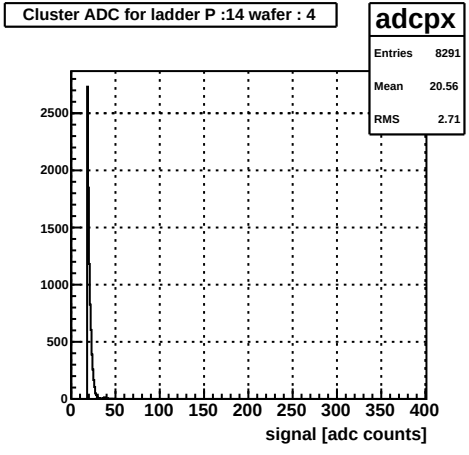

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2880
Mean 26.79
RMS 9.407
signal [adc counts]

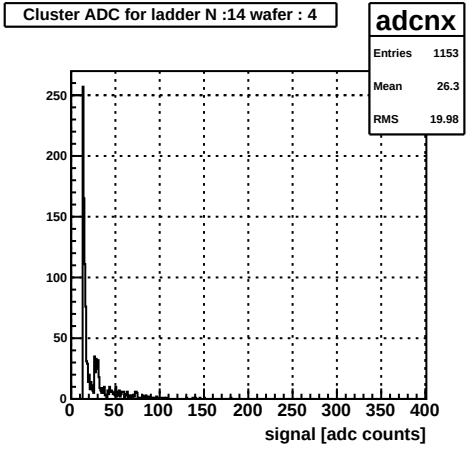

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 168
Mean 15.55
RMS 2.768
signal [adc counts]

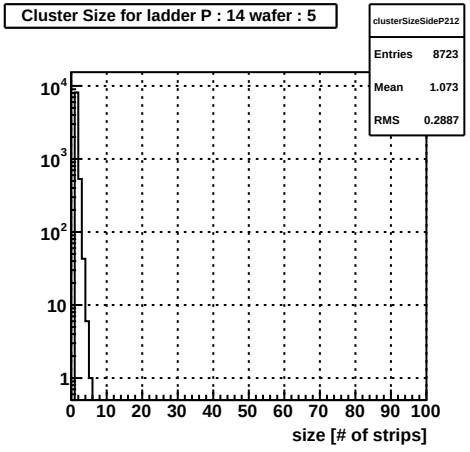

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 8291
Mean 1.006
RMS 0.07508
size [# of strips]

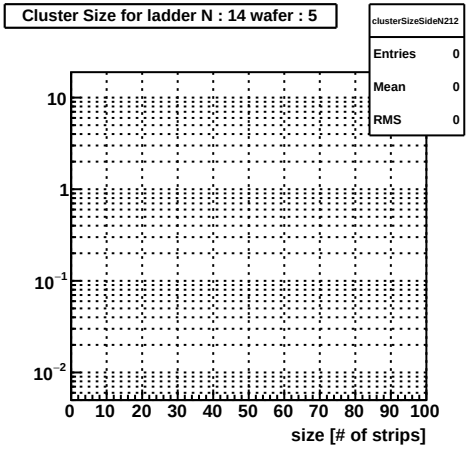

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1153
Mean 1.674
RMS 1.055
size [# of strips]

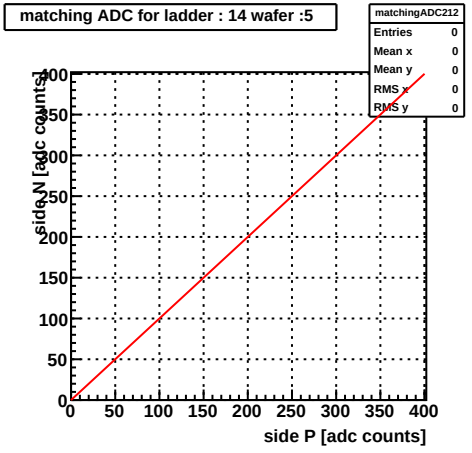

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 36
Mean x 16.06
Mean y 17
RMS x 1.29
RMS y 10.3
side N [adc counts]
side P [adc counts]

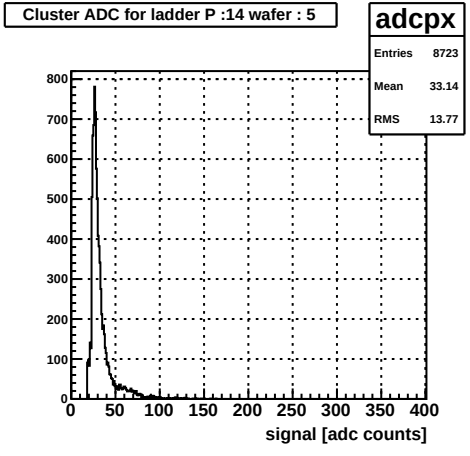

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 8291
Mean 20.56
RMS 2.71
signal [adc counts]

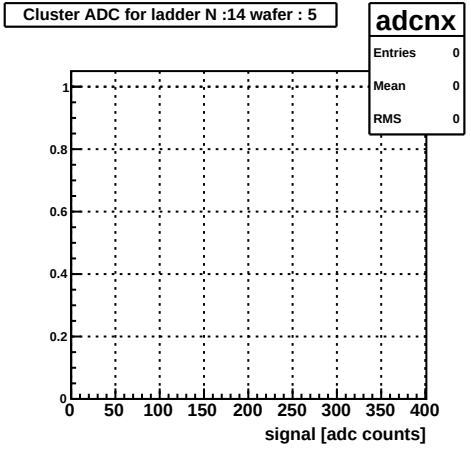

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1153
Mean 26.3
RMS 19.98
signal [adc counts]

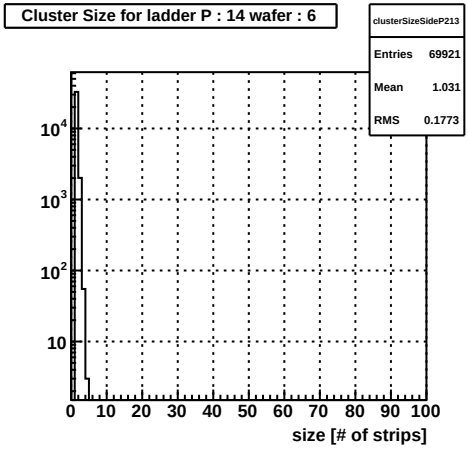

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8723
Mean 1.073
RMS 0.2887
size [# of strips]

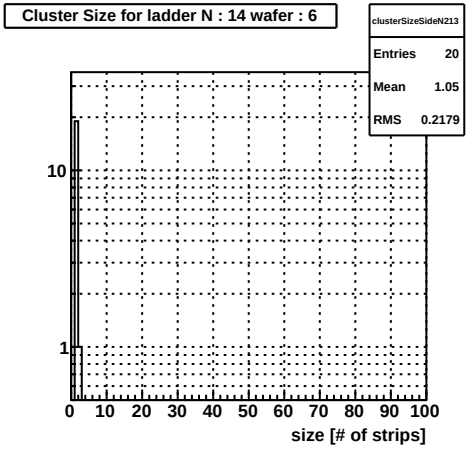

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

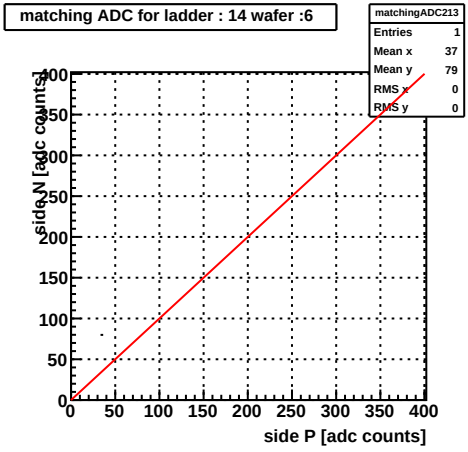

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

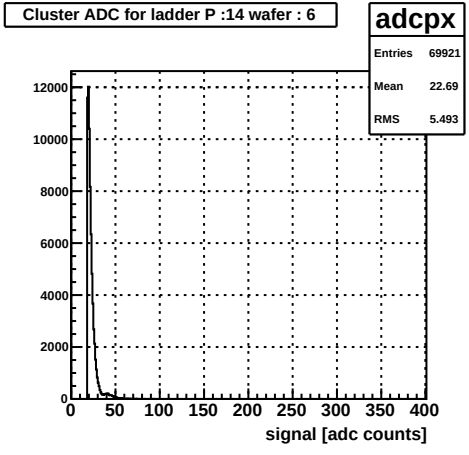

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8723
Mean 33.14
RMS 13.77
signal [adc counts]

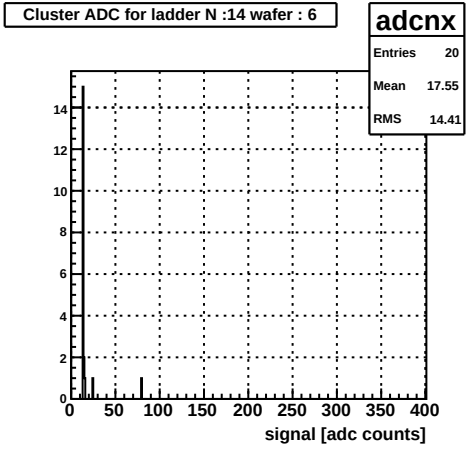

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

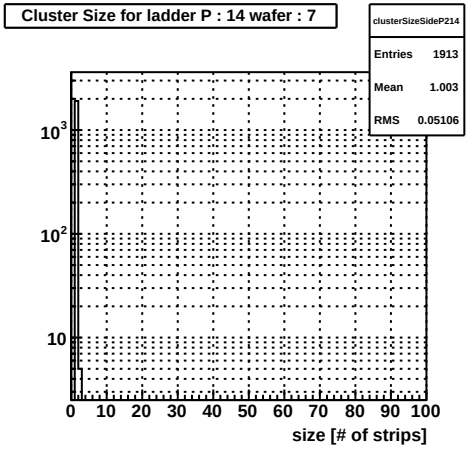

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 69921
Mean 1.031
RMS 0.1773
size [# of strips]

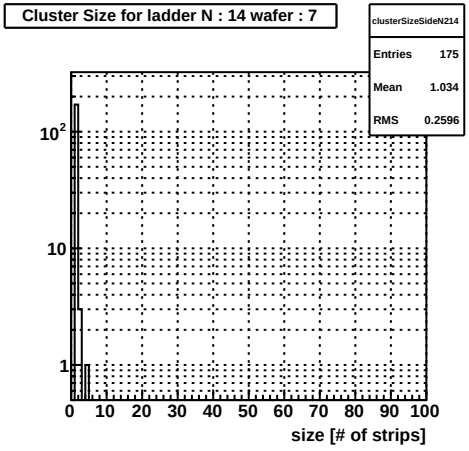

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

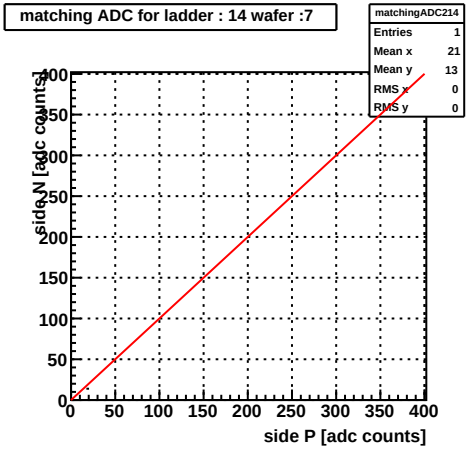

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1
Mean x 37
Mean y 79
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

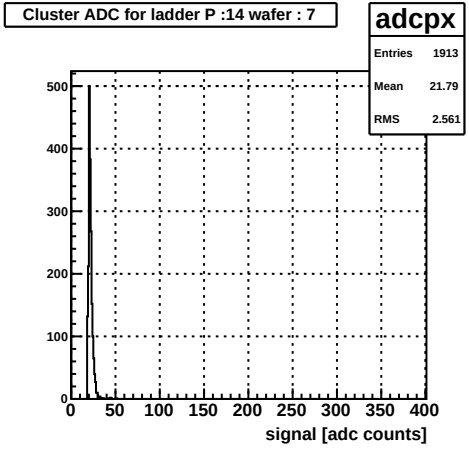

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 69921
Mean 22.69
RMS 5.493
signal [adc counts]

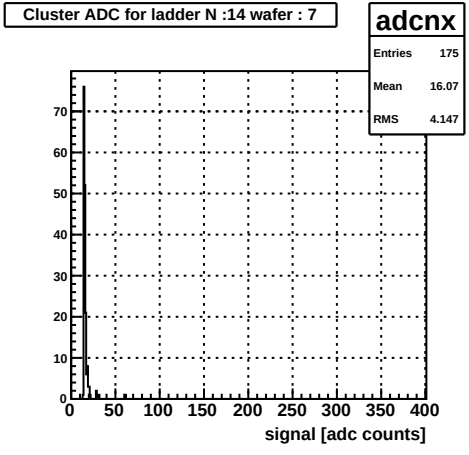

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 20
Mean 17.55
RMS 14.41
signal [adc counts]

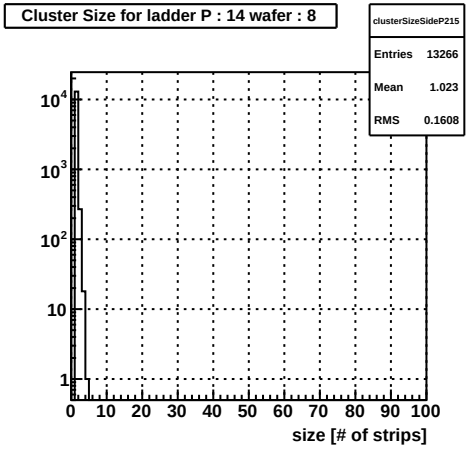

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1913
Mean 1.003
RMS 0.05106
size [# of strips]

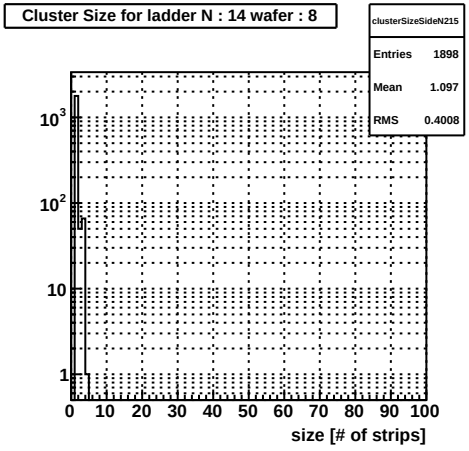

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 175
Mean 1.034
RMS 0.2596
size [# of strips]

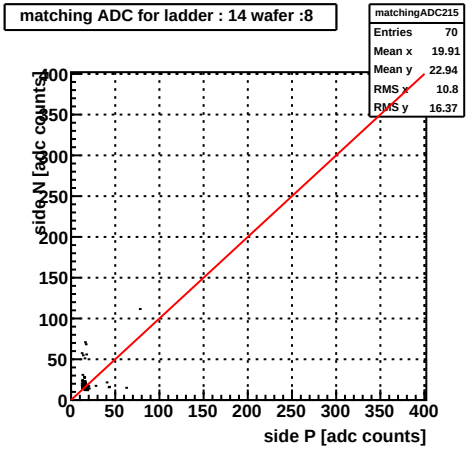

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1
Mean x 21
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

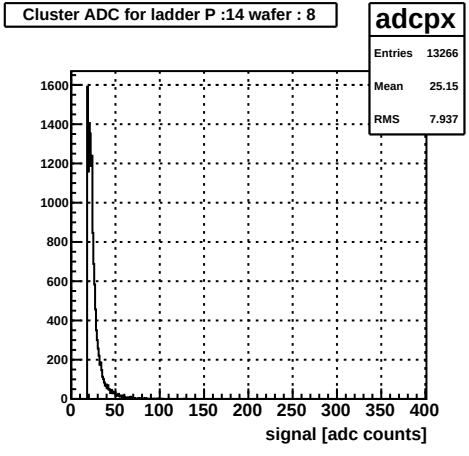

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1913
Mean 21.79
RMS 2.561
signal [adc counts]

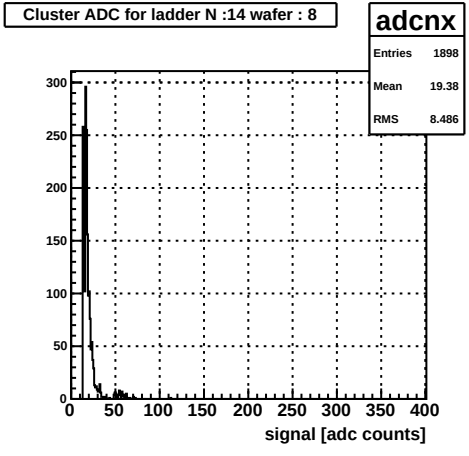

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 175
Mean 16.07
RMS 4.147
signal [adc counts]

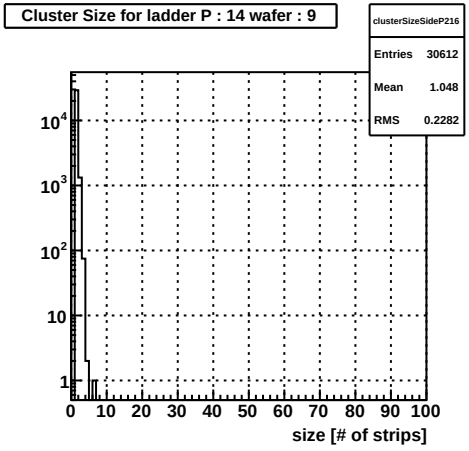

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13266
Mean 1.023
RMS 0.1608
size [# of strips]

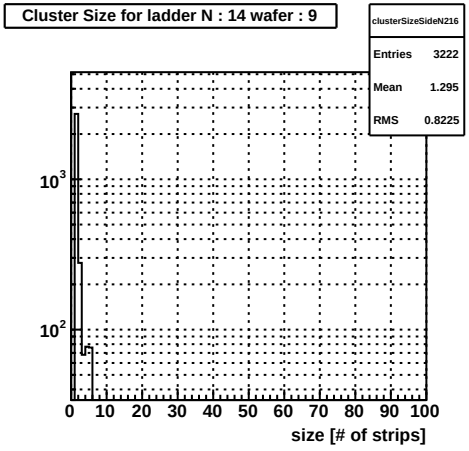

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1898
Mean 1.097
RMS 0.4008
size [# of strips]

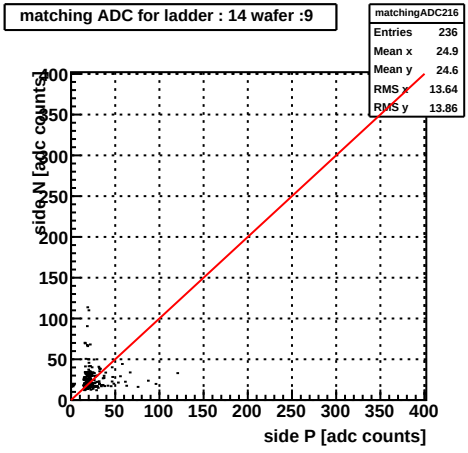

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 70
Mean x 19.91
Mean y 22.94
RMS x 10.8
RMS y 16.37
side N [adc counts]
side P [adc counts]

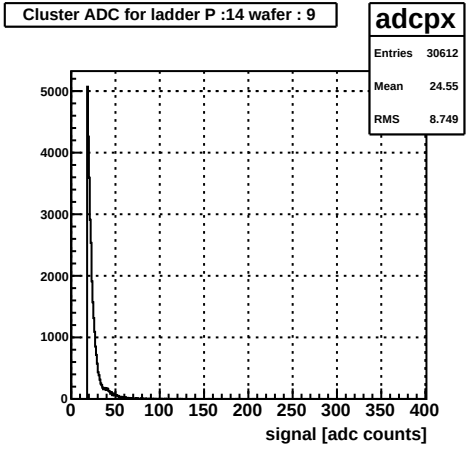

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13266
Mean 25.15
RMS 7.937
signal [adc counts]

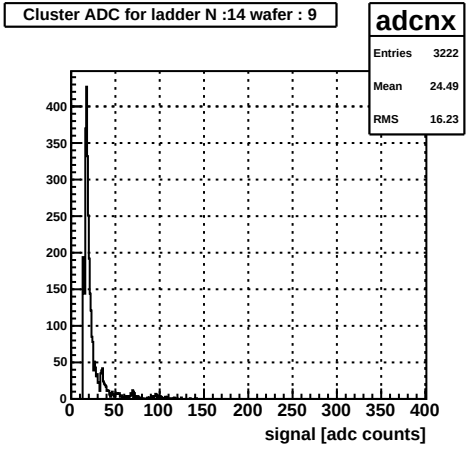

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1898
Mean 19.38
RMS 8.486
signal [adc counts]

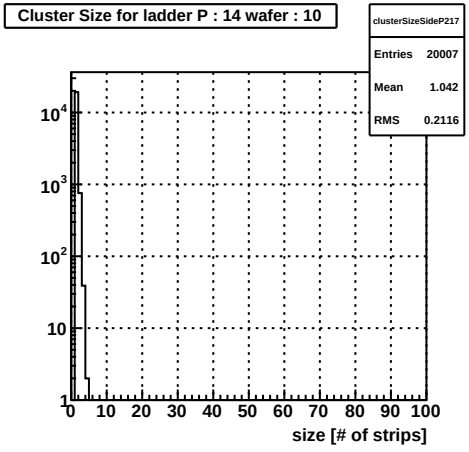

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 30612
Mean 1.048
RMS 0.2282
size [# of strips]

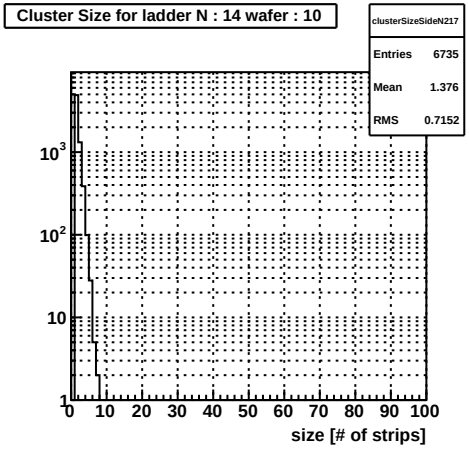

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 3222
Mean 1.295
RMS 0.8225
size [# of strips]

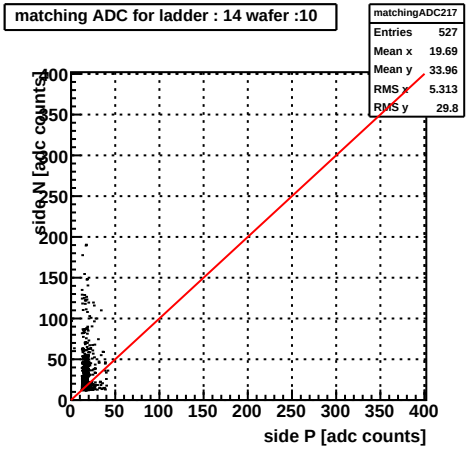

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 236
Mean x 24.9
Mean y 24.6
RMS x 13.64
RMS y 13.86
side N [adc counts]
side P [adc counts]

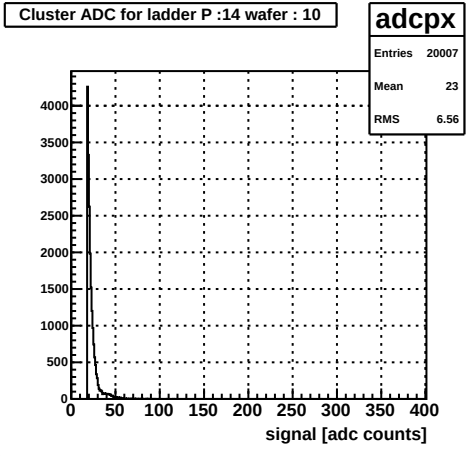

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 30612
Mean 24.55
RMS 8.749
signal [adc counts]

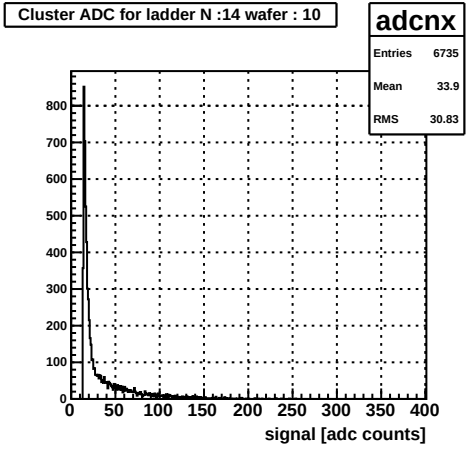

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 3222
Mean 24.49
RMS 16.23
signal [adc counts]

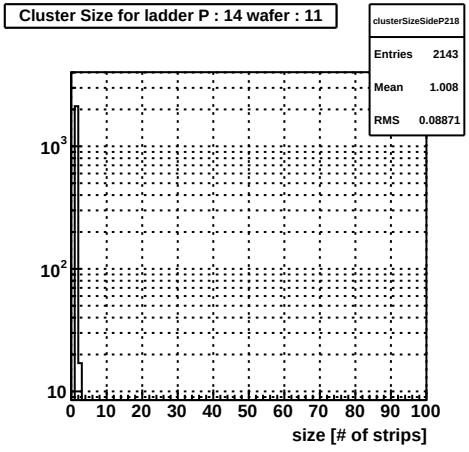

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 20007
Mean 1.042
RMS 0.2116
size [# of strips]

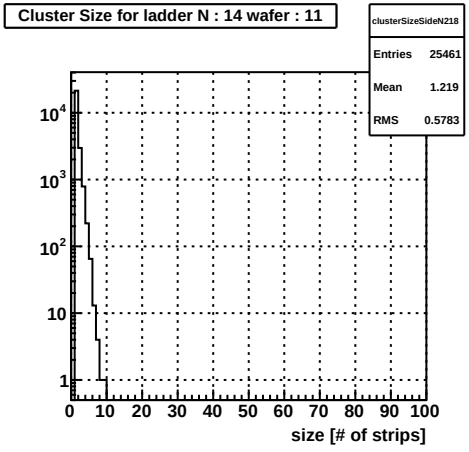

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 6735
Mean 1.376
RMS 0.7152
size [# of strips]

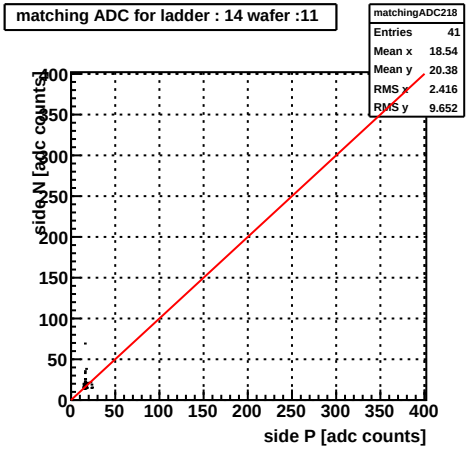

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 527
Mean x 19.69
Mean y 33.96
RMS x 5.313
RMS y 29.8
side N [adc counts]
side P [adc counts]

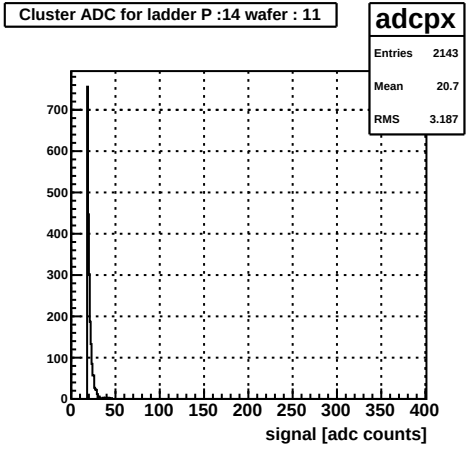

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 20007
Mean 23
RMS 6.56
signal [adc counts]

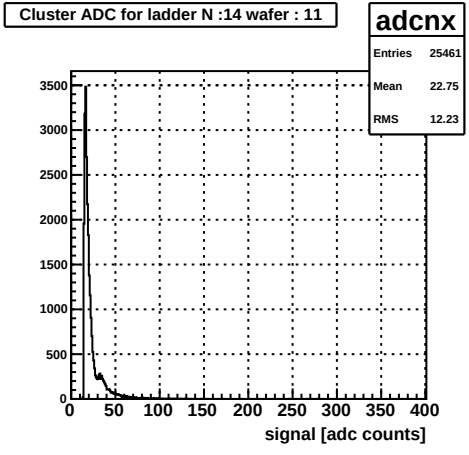

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 6735
Mean 33.9
RMS 30.83
signal [adc counts]

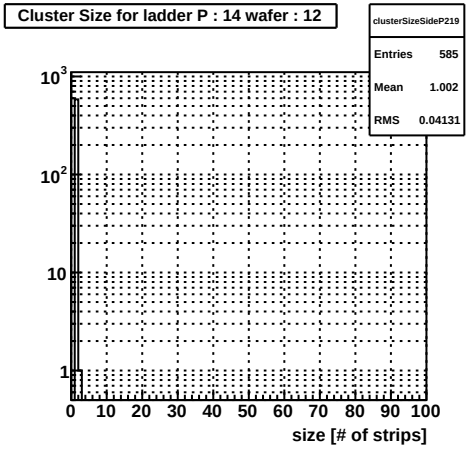

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2143
Mean 1.008
RMS 0.08871
size [# of strips]

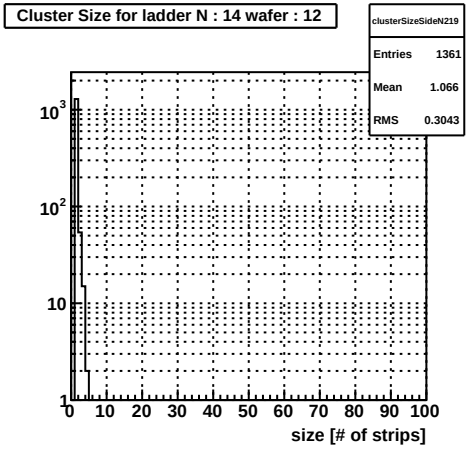

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 25461
Mean 1.219
RMS 0.5783
size [# of strips]

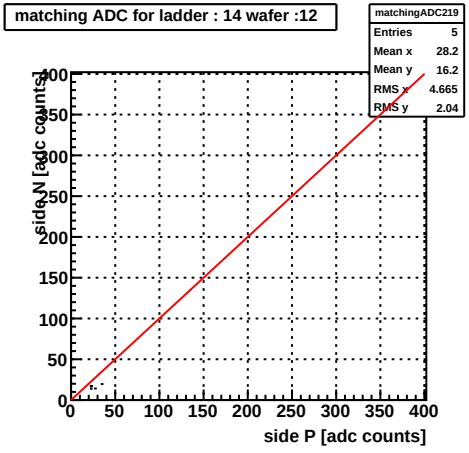

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 41
Mean x 18.54
Mean y 20.38
RMS x 2.416
RMS y 9.652
side N [adc counts]
side P [adc counts]

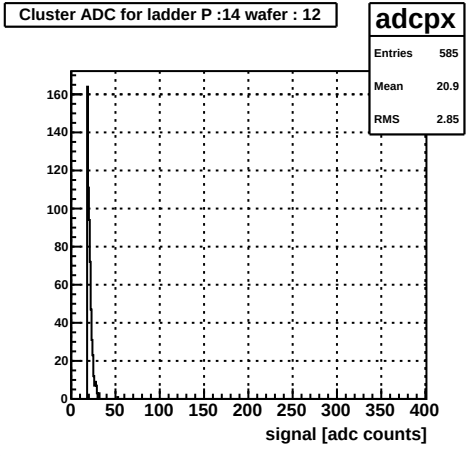

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2143
Mean 20.7
RMS 3.187
signal [adc counts]

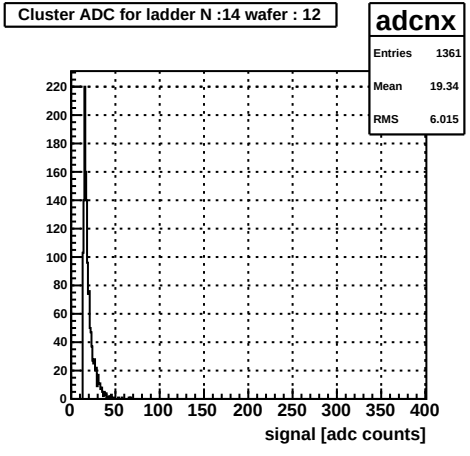

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 25461
Mean 22.75
RMS 12.23
signal [adc counts]

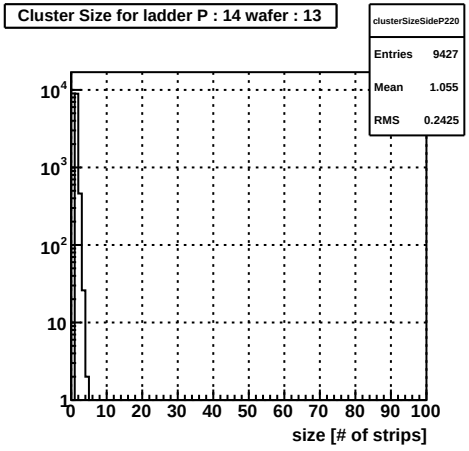

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 585
Mean 1.002
RMS 0.04131
size [# of strips]

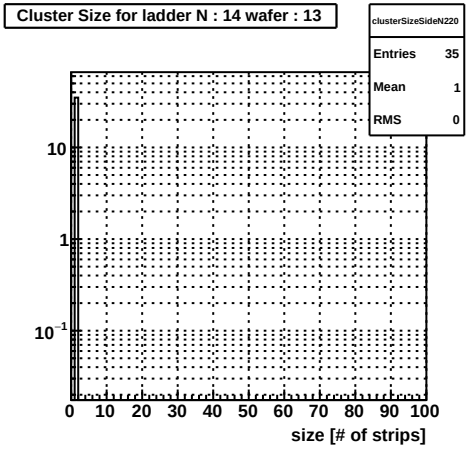

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1361
Mean 1.066
RMS 0.3043
size [# of strips]

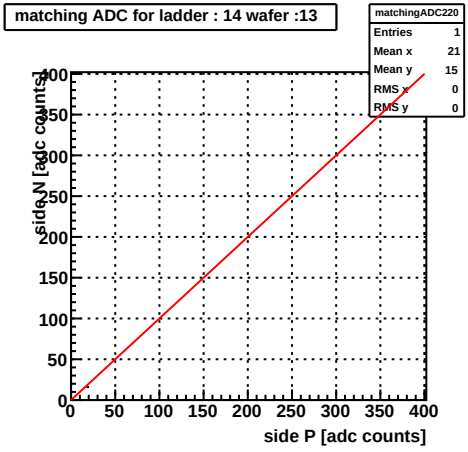

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 5
Mean x 28.2
Mean y 16.2
RMS x 4.665
RMS y 2.04
side N [adc counts]
side P [adc counts]

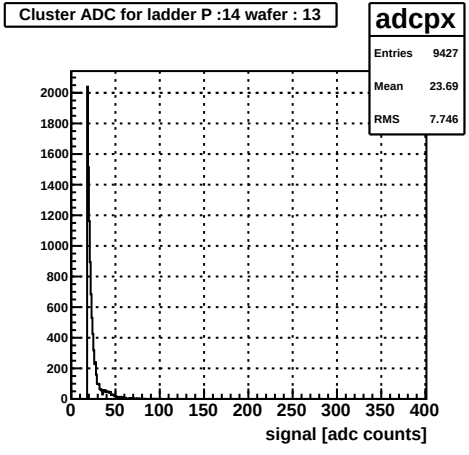

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 585
Mean 20.9
RMS 2.85
signal [adc counts]

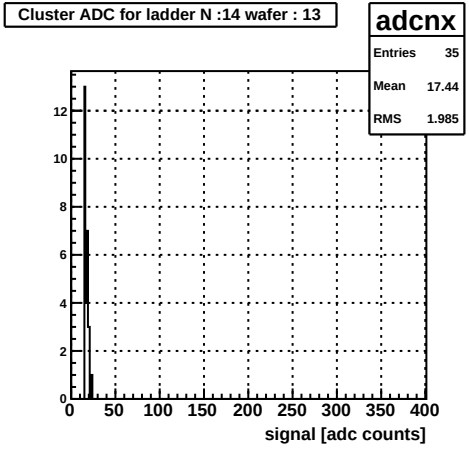

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1361
Mean 19.34
RMS 6.015
signal [adc counts]

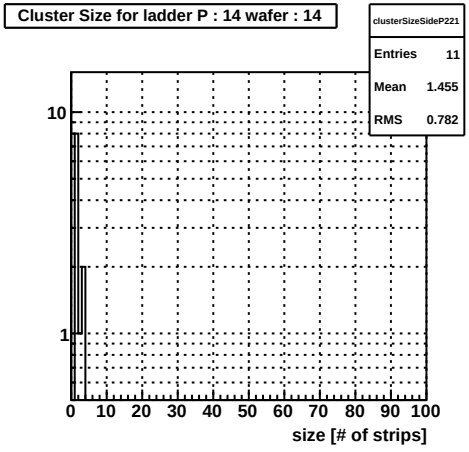

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9427
Mean 1.055
RMS 0.2425
size [# of strips]

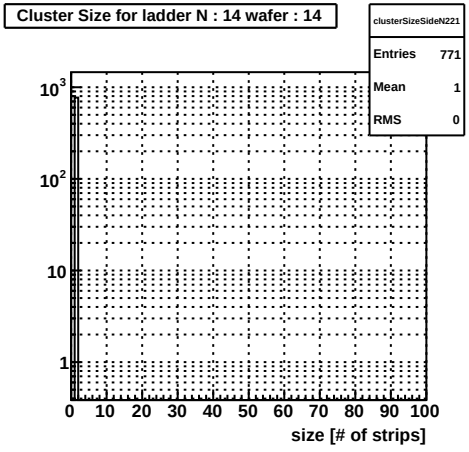

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 35
Mean 1
RMS 0
size [# of strips]

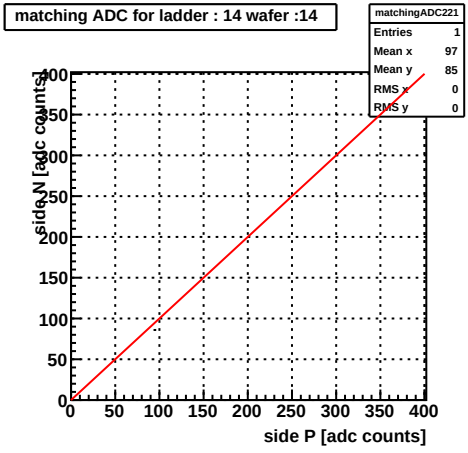

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

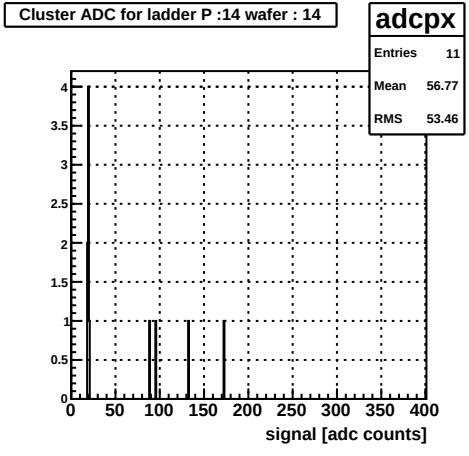

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9427
Mean 23.69
RMS 7.746
signal [adc counts]

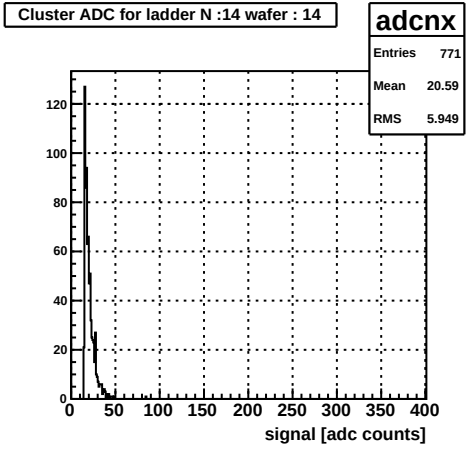

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 35
Mean 17.44
RMS 1.985
signal [adc counts]

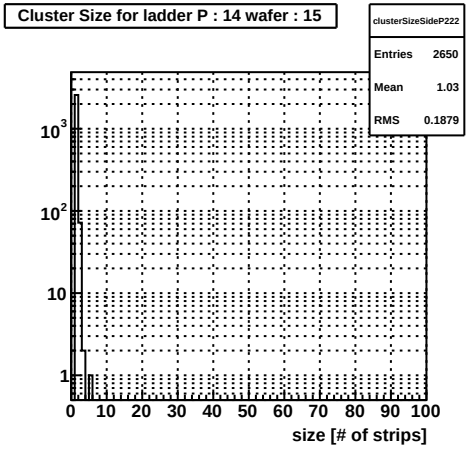

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 11
Mean 1.455
RMS 0.782
size [# of strips]

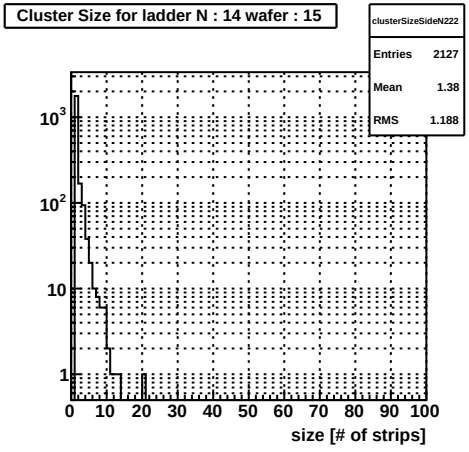

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 771
Mean 1
RMS 0
size [# of strips]

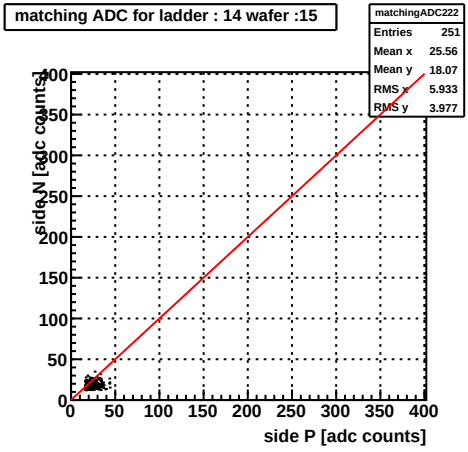

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1
Mean x 97
Mean y 85
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

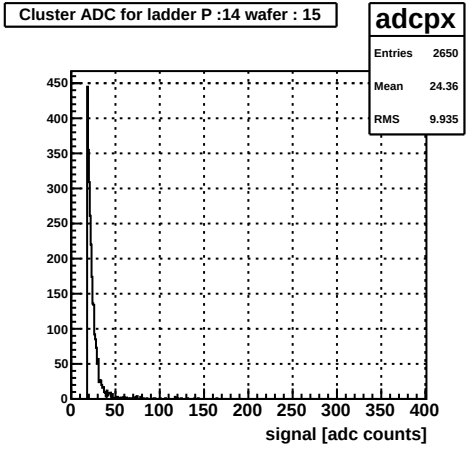

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 11
Mean 56.77
RMS 53.46
signal [adc counts]

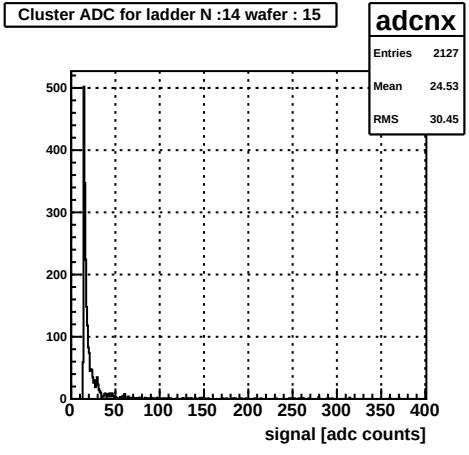

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 771
Mean 20.59
RMS 5.949
signal [adc counts]

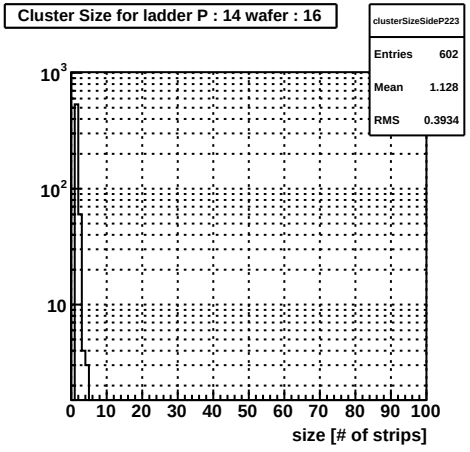

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2650
Mean 1.03
RMS 0.1879
size [# of strips]

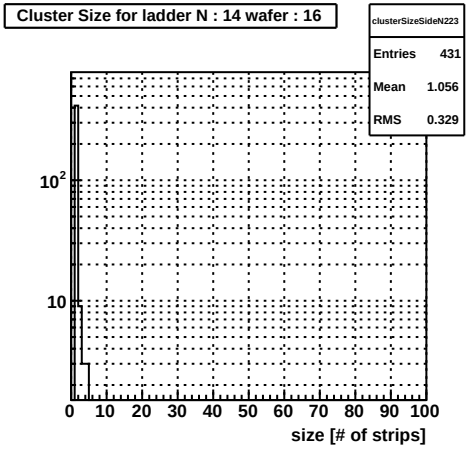

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2127
Mean 1.38
RMS 1.188
size [# of strips]

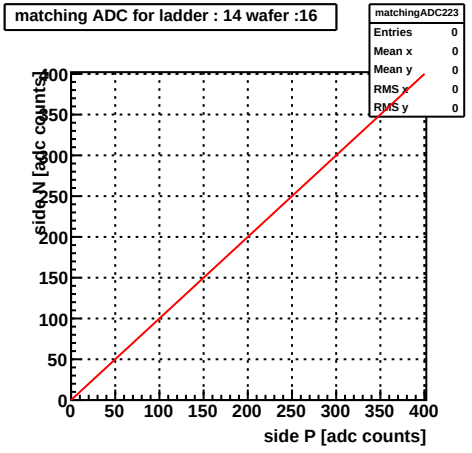

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 251
Mean x 25.56
Mean y 18.07
RMS x 5.933
RMS y 3.977
side N [adc counts]
side P [adc counts]

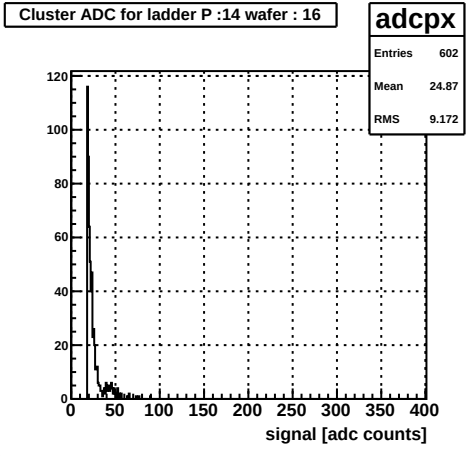

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2650
Mean 24.36
RMS 9.935
signal [adc counts]

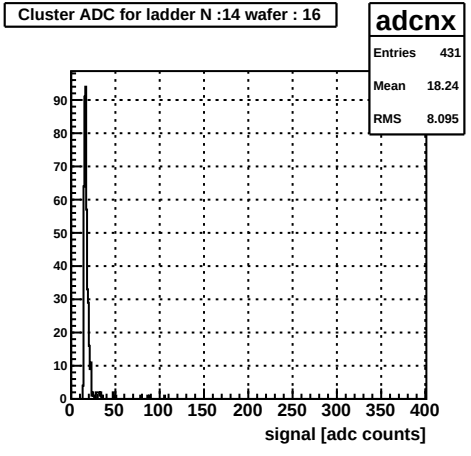

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2127
Mean 24.53
RMS 30.45
signal [adc counts]

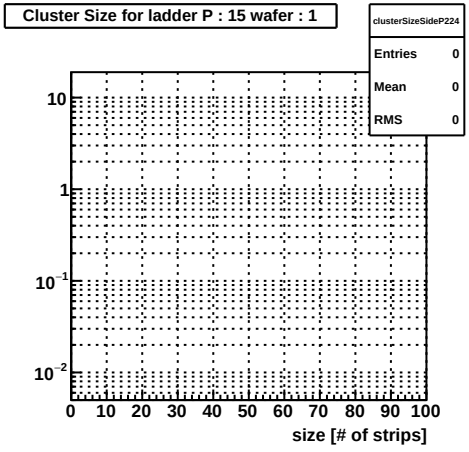

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 602
Mean 1.128
RMS 0.3934
size [# of strips]

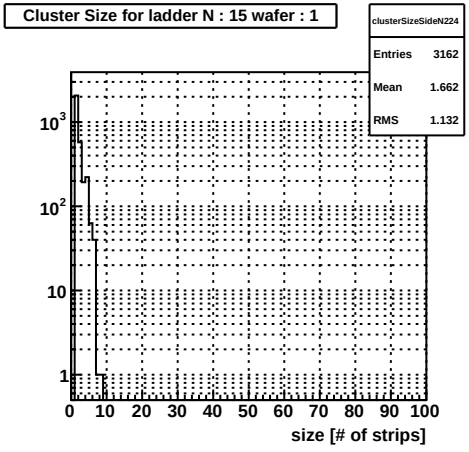

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 431
Mean 1.056
RMS 0.329
size [# of strips]

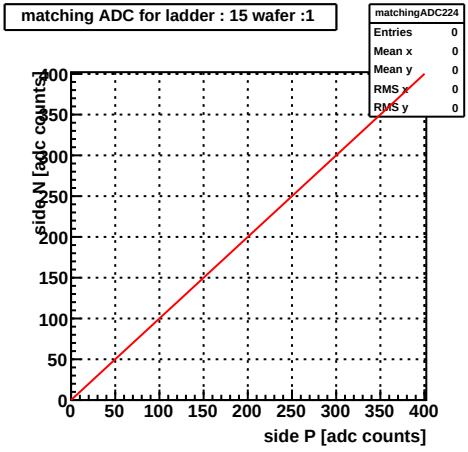

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

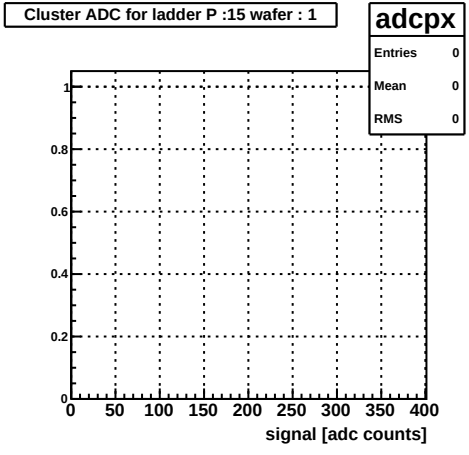

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 602
Mean 24.87
RMS 9.172
signal [adc counts]

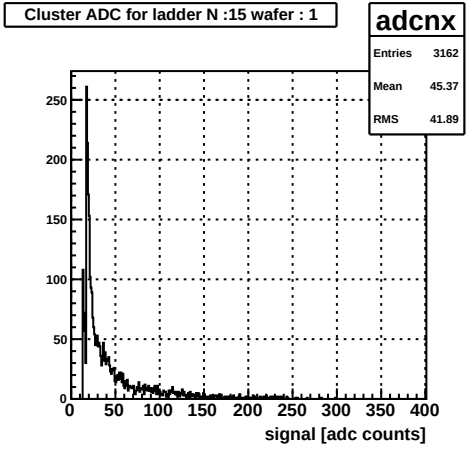

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 431
Mean 18.24
RMS 8.095
signal [adc counts]

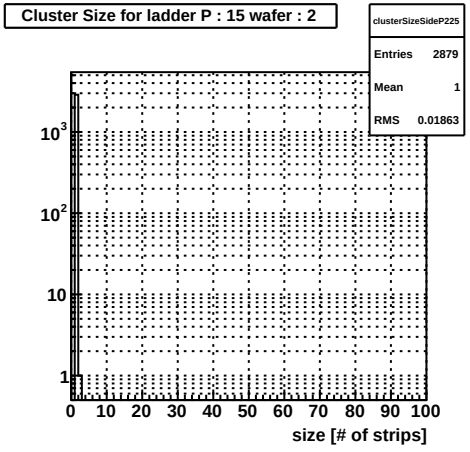

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

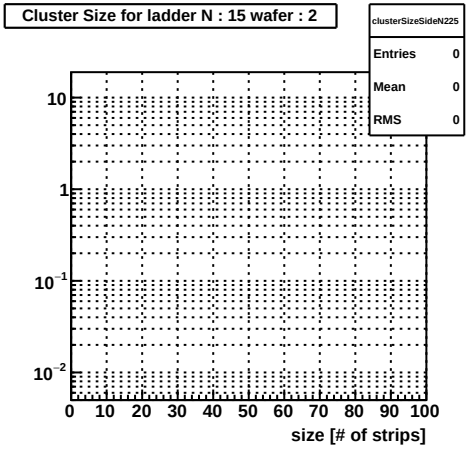

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3162
Mean 1.662
RMS 1.132
size [# of strips]

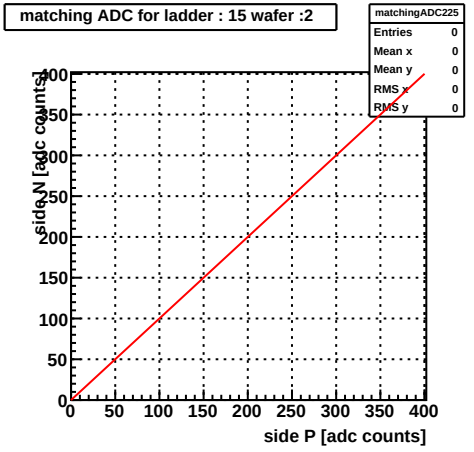

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

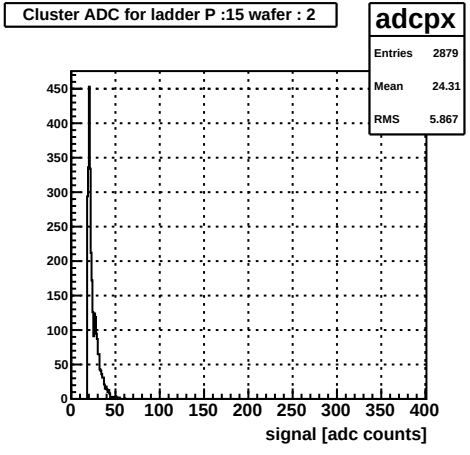

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

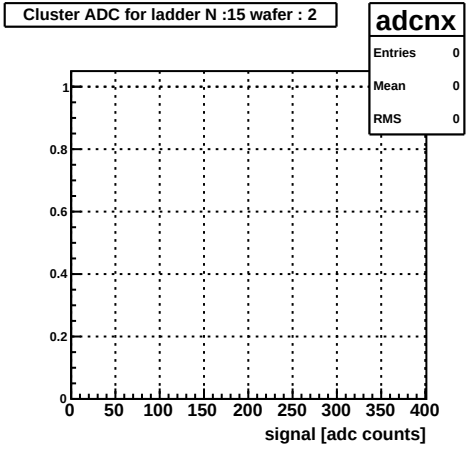

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3162
Mean 45.37
RMS 41.89
signal [adc counts]

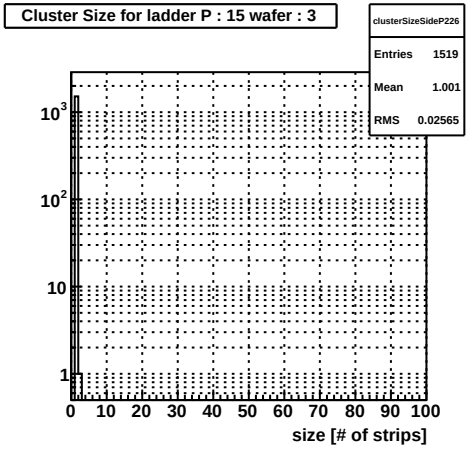

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2879
Mean 1
RMS 0.01863
size [# of strips]

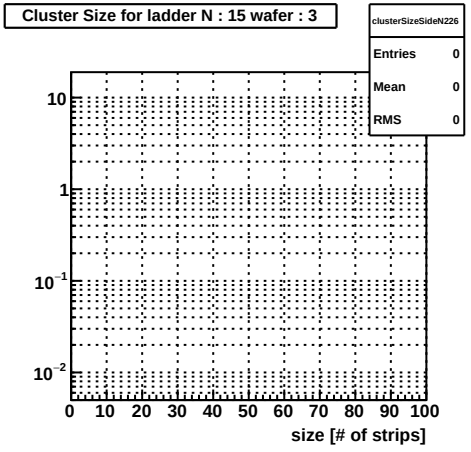

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

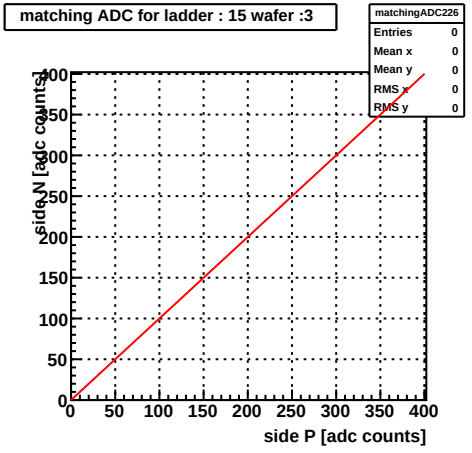

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

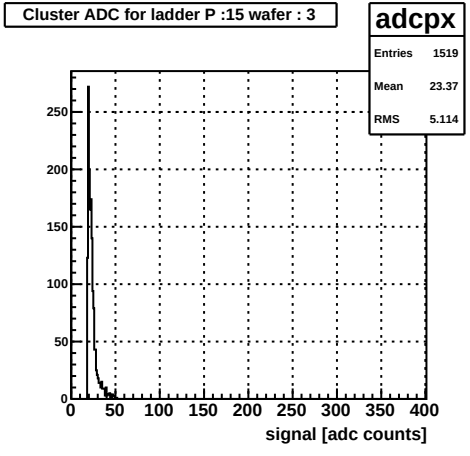

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2879
Mean 24.31
RMS 5.867
signal [adc counts]

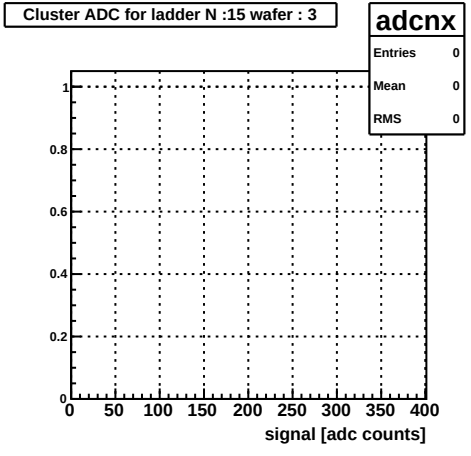

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

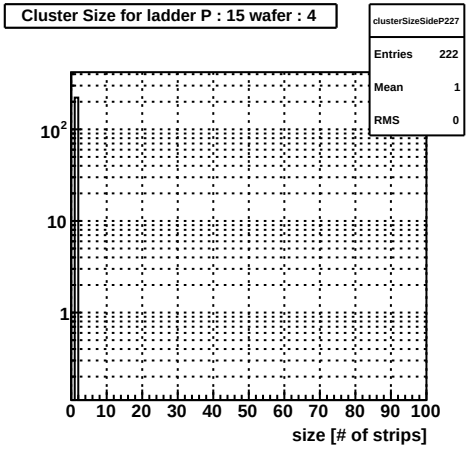

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1519
Mean 1.001
RMS 0.02565
size [# of strips]

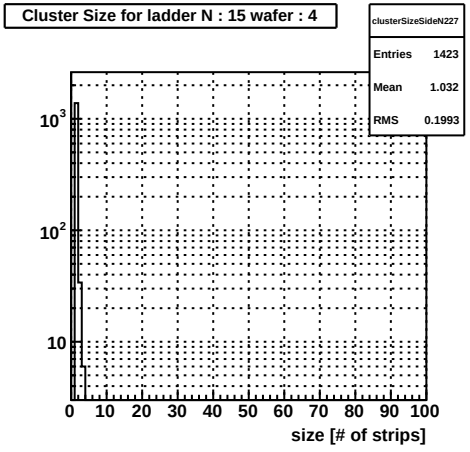

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

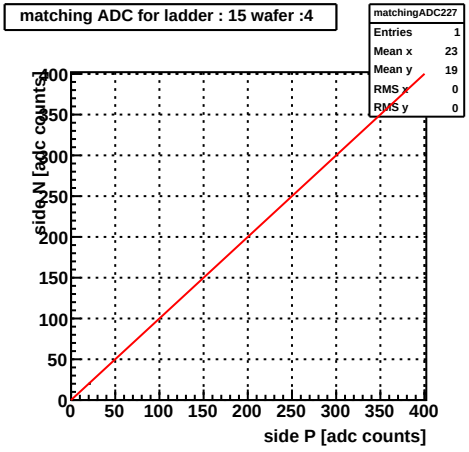

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

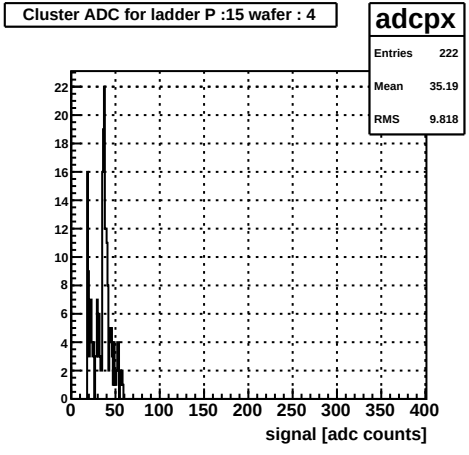

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1519
Mean 23.37
RMS 5.114
signal [adc counts]

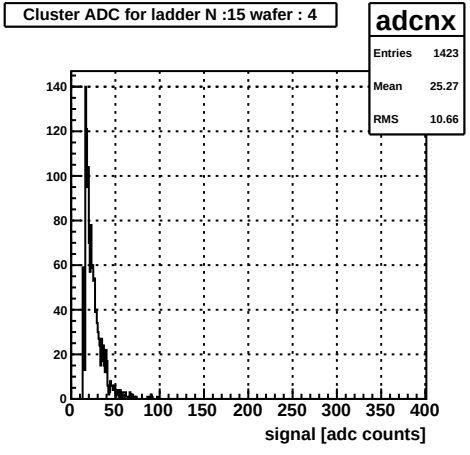

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

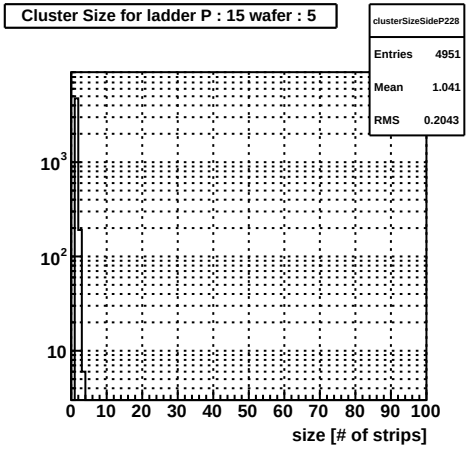

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 222
Mean 1
RMS 0
size [# of strips]

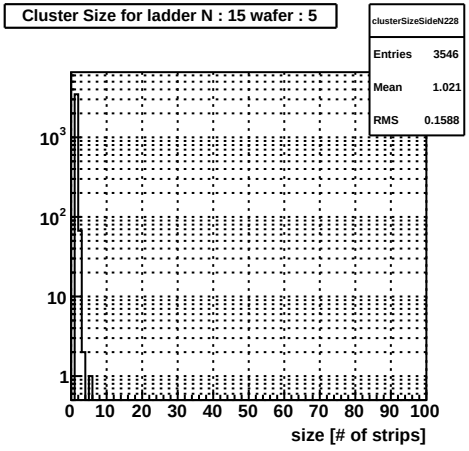

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1423
Mean 1.032
RMS 0.1993
size [# of strips]

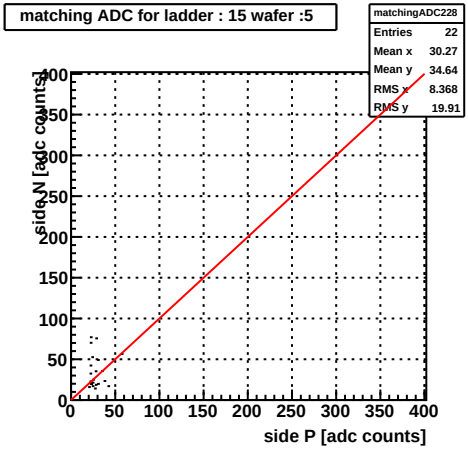

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 1
Mean x 23
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

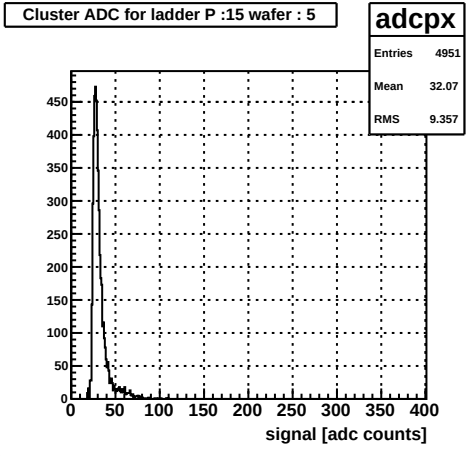

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 222
Mean 35.19
RMS 9.818
signal [adc counts]

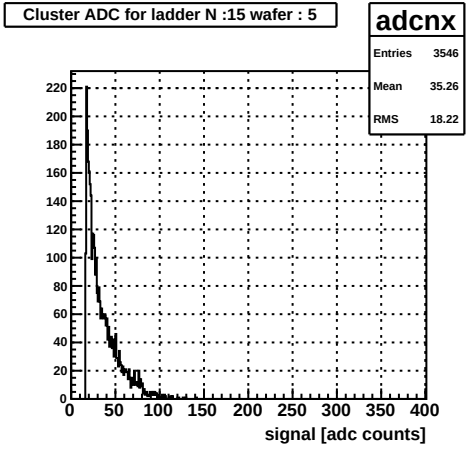

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1423
Mean 25.27
RMS 10.66
signal [adc counts]

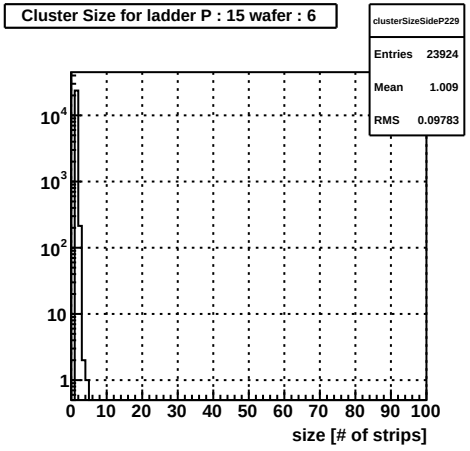

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 4951
Mean 1.041
RMS 0.2043
size [# of strips]

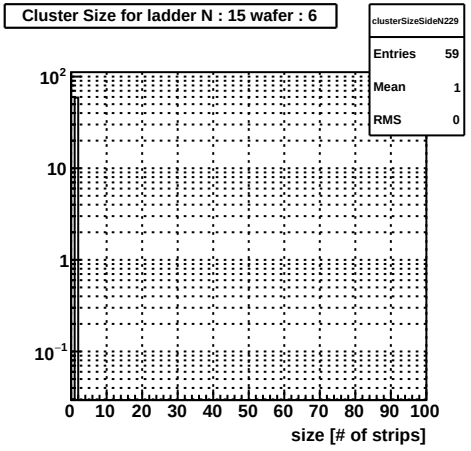

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 3546
Mean 1.021
RMS 0.1588
size [# of strips]

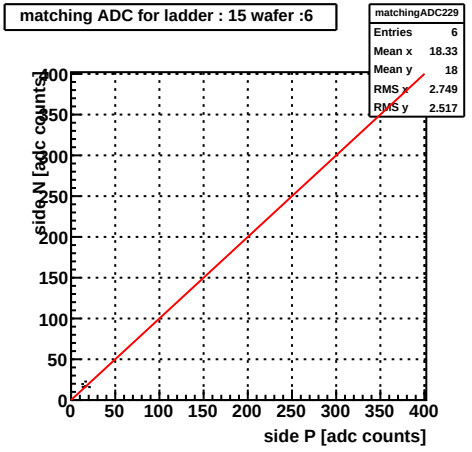

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 22
Mean x 30.27
Mean y 34.64
RMS x 8.368
RMS y 19.91
side N [adc counts]
side P [adc counts]

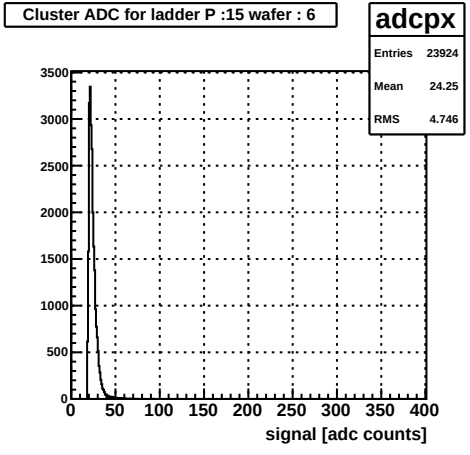

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 4951
Mean 32.07
RMS 9.357
signal [adc counts]

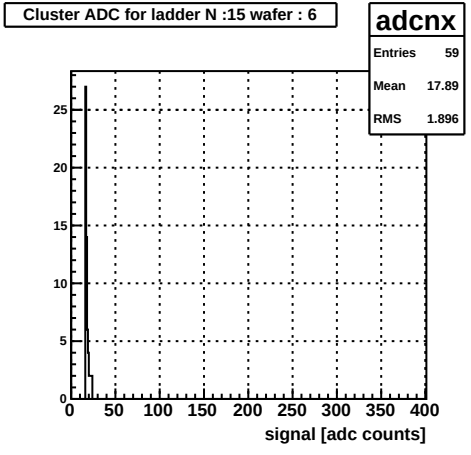

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 3546
Mean 35.26
RMS 18.22
signal [adc counts]

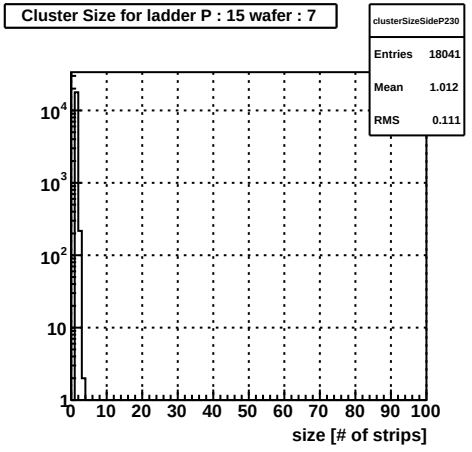

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 23924
Mean 1.009
RMS 0.09783
size [# of strips]

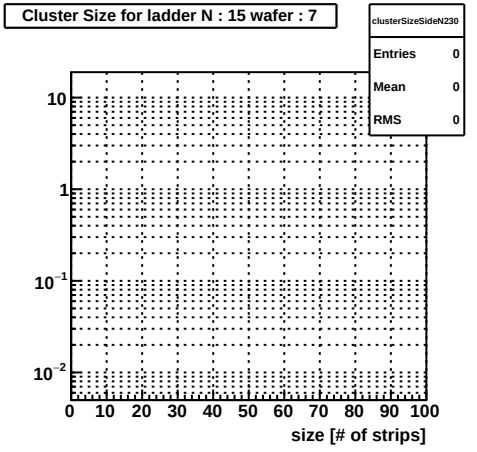

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 59
Mean 1
RMS 0
size [# of strips]

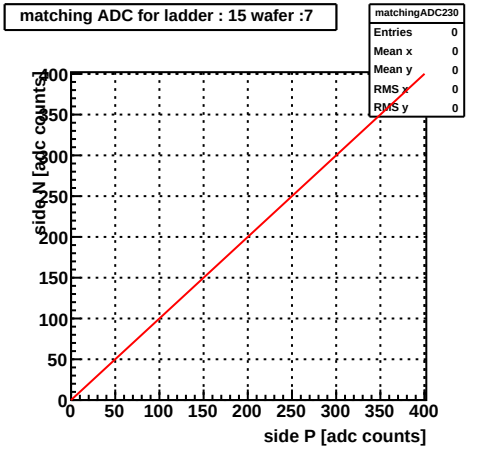

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 6
Mean x 18.33
Mean y 18
RMS x 2.749
RMS y 2.517
side N [adc counts]
side P [adc counts]

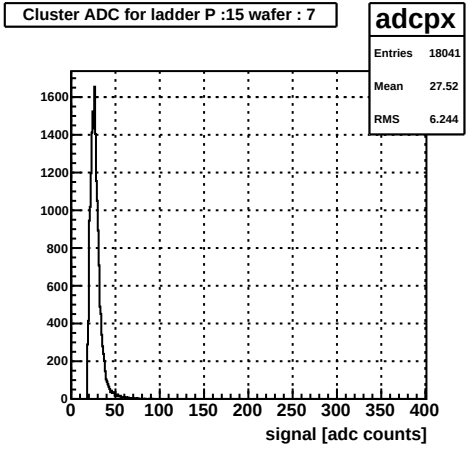

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 23924
Mean 24.25
RMS 4.746
signal [adc counts]

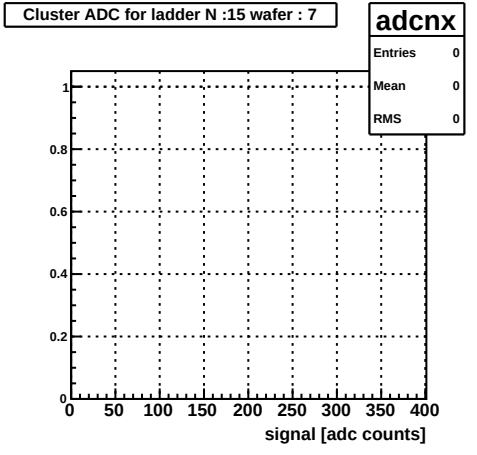

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 59
Mean 17.89
RMS 1.896
signal [adc counts]

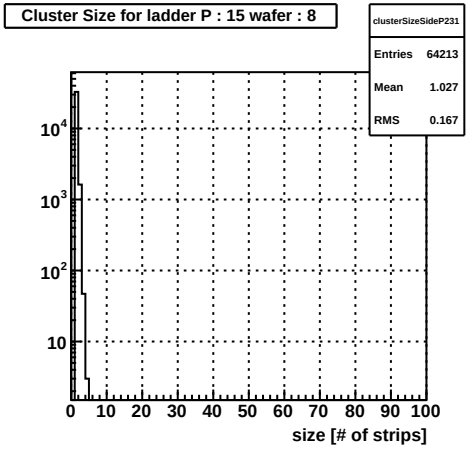

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 18041
Mean 1.012
RMS 0.111
size [# of strips]

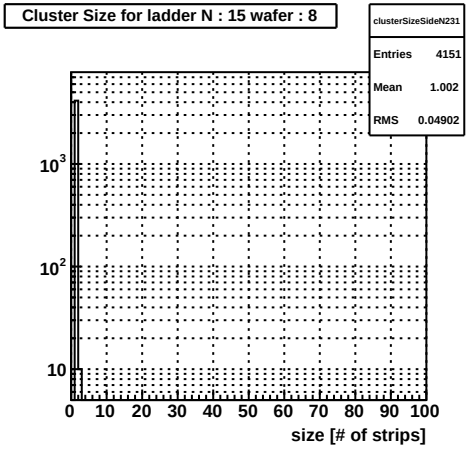

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

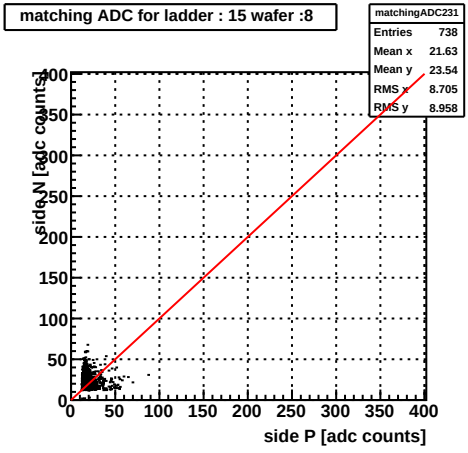

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

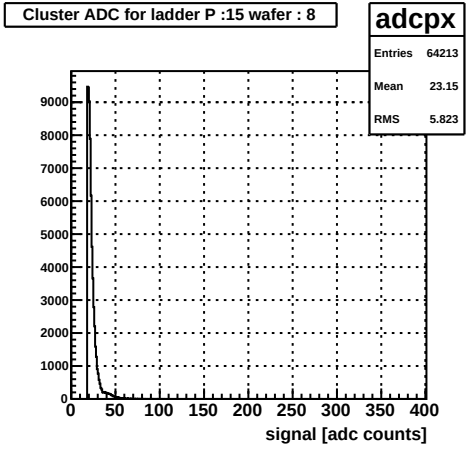

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 18041
Mean 27.52
RMS 6.244
signal [adc counts]

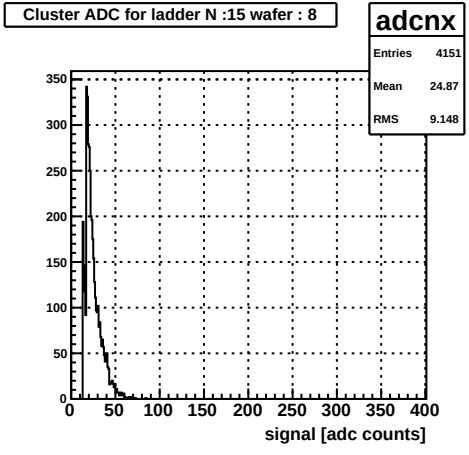

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

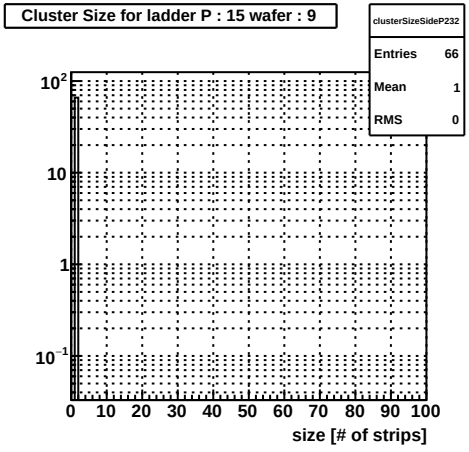

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 64213
Mean 1.027
RMS 0.167
size [# of strips]

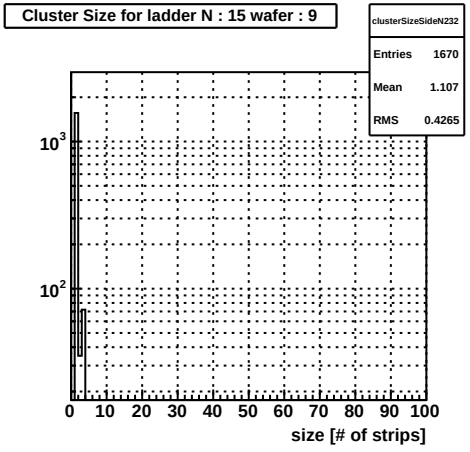

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4151
Mean 1.002
RMS 0.04902
size [# of strips]

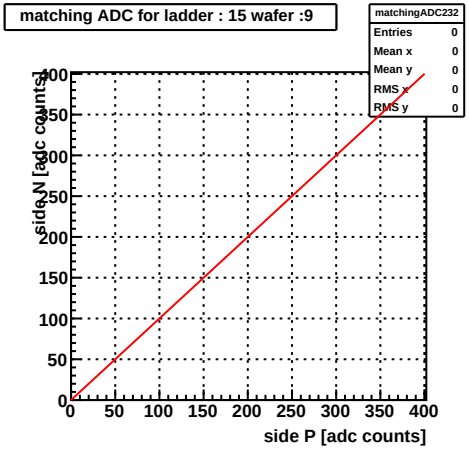

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 738
Mean x 21.63
Mean y 23.54
RMS x 8.705
RMS y 8.958
side N [adc counts]
side P [adc counts]

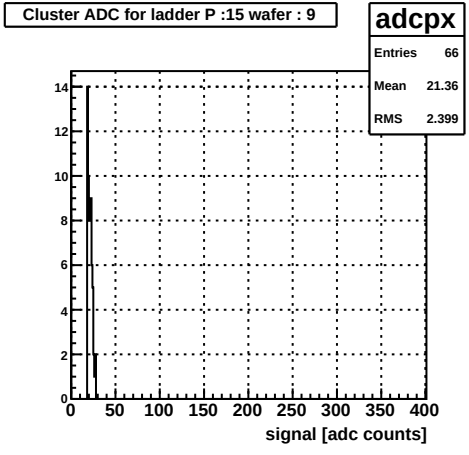

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 64213
Mean 23.15
RMS 5.823
signal [adc counts]

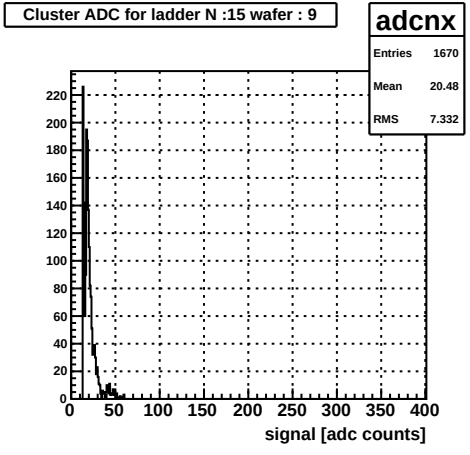

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4151
Mean 24.87
RMS 9.148
signal [adc counts]

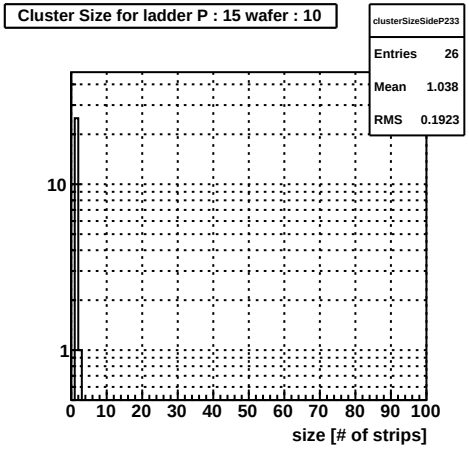

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 66
Mean 1
RMS 0
size [# of strips]

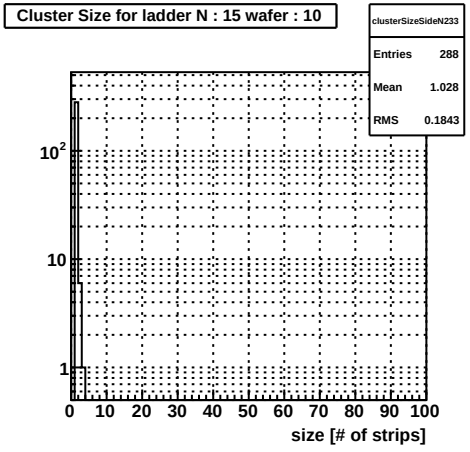

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1670
Mean 1.107
RMS 0.4265
size [# of strips]

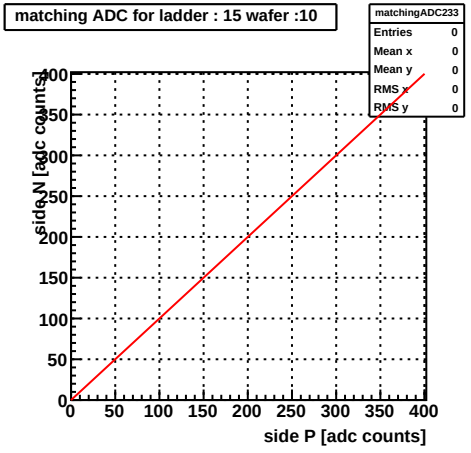

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

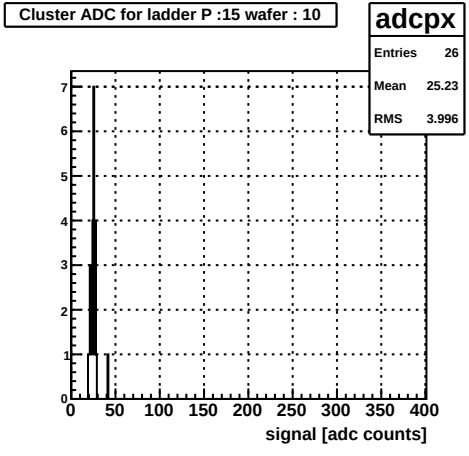

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 66
Mean 21.36
RMS 2.399
signal [adc counts]

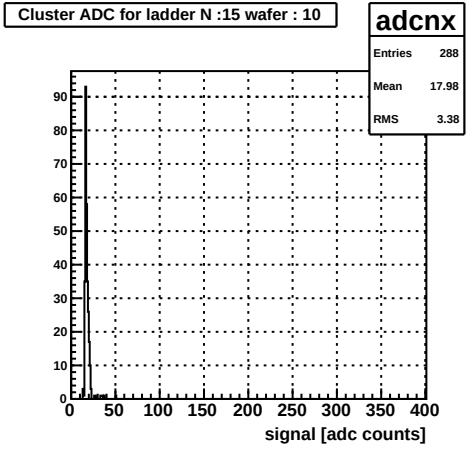

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1670
Mean 20.48
RMS 7.332
signal [adc counts]

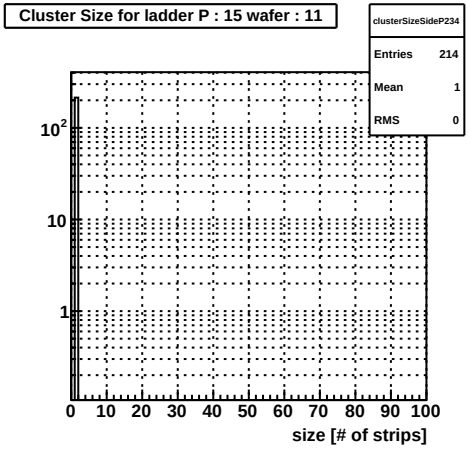

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

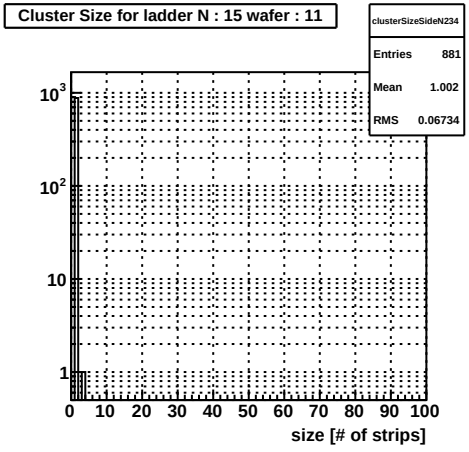

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 288
Mean 1.028
RMS 0.1843
size [# of strips]

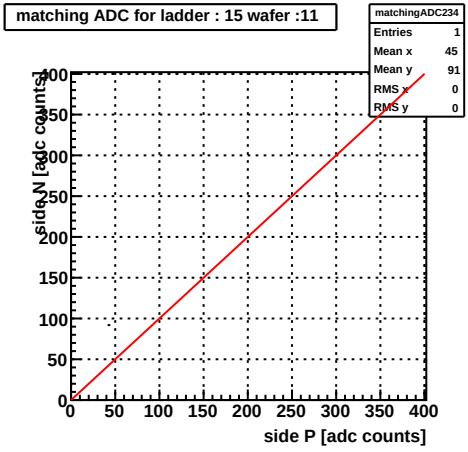

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

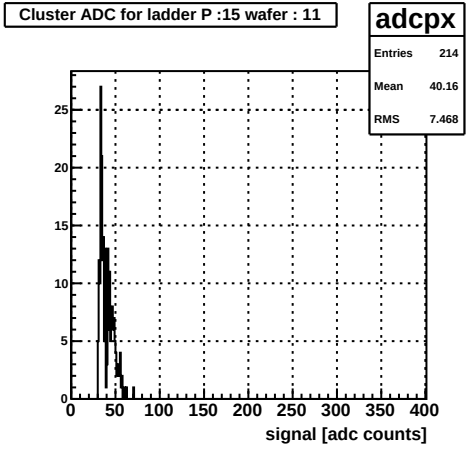

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 26
Mean 25.23
RMS 3.996
signal [adc counts]

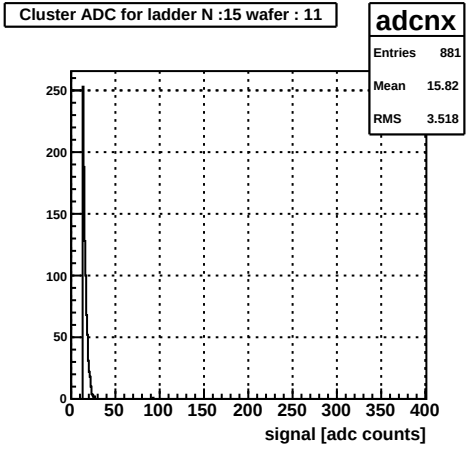

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 288
Mean 17.98
RMS 3.38
signal [adc counts]

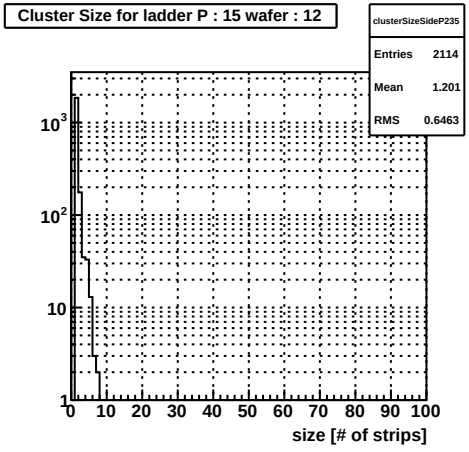

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 214
Mean 1
RMS 0
size [# of strips]

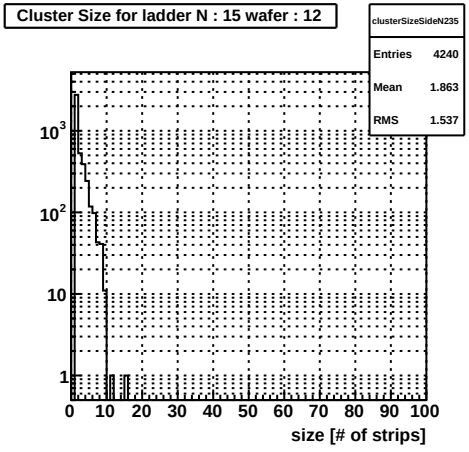

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 881
Mean 1.002
RMS 0.06734
size [# of strips]

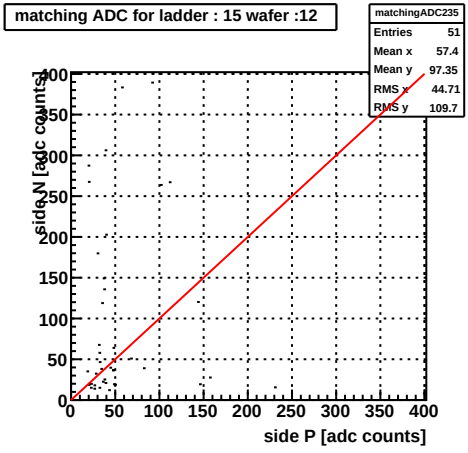

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1
Mean x 45
Mean y 91
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

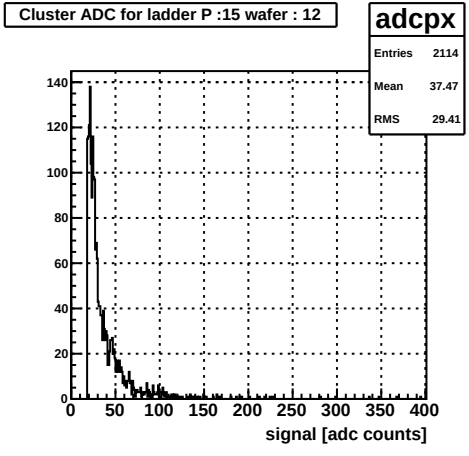

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 214
Mean 40.16
RMS 7.468
signal [adc counts]

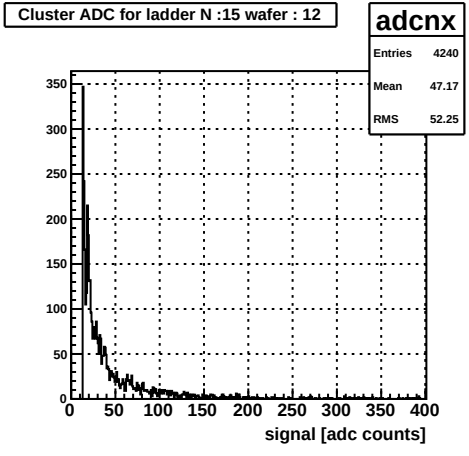

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 881
Mean 15.82
RMS 3.518
signal [adc counts]

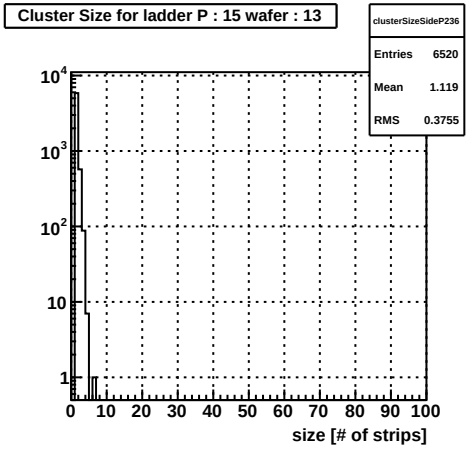

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2114
Mean 1.201
RMS 0.6463
size [# of strips]

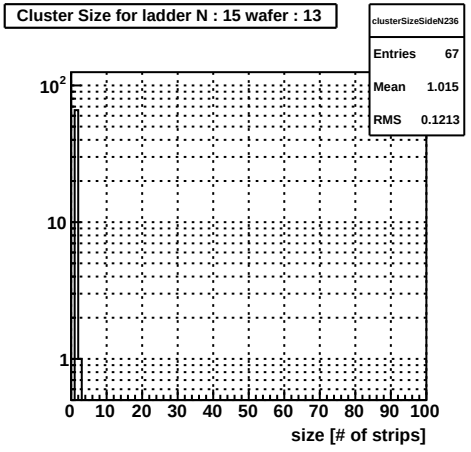

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4240
Mean 1.863
RMS 1.537
size [# of strips]

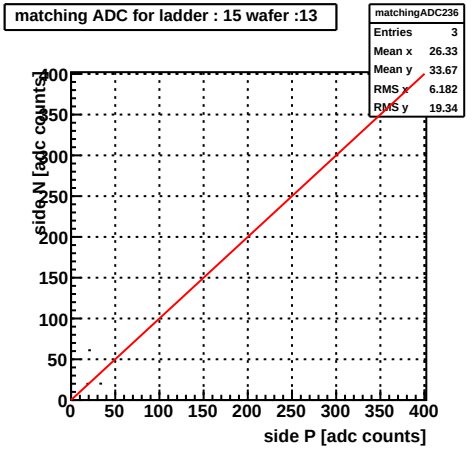

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 51
Mean x 57.4
Mean y 97.35
RMS x 44.71
RMS y 109.7
side N [adc counts]
side P [adc counts]

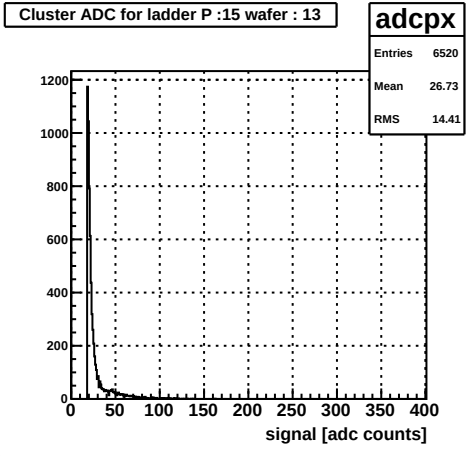

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2114
Mean 37.47
RMS 29.41
signal [adc counts]

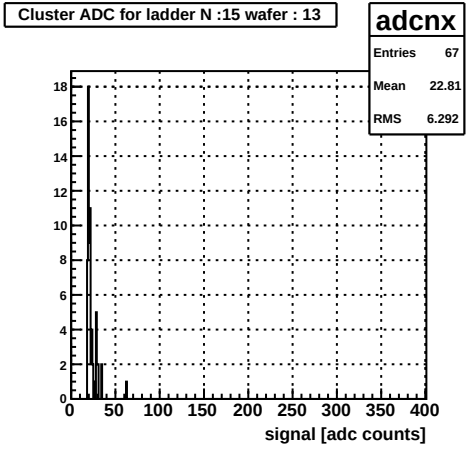

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4240
Mean 47.17
RMS 52.25
signal [adc counts]

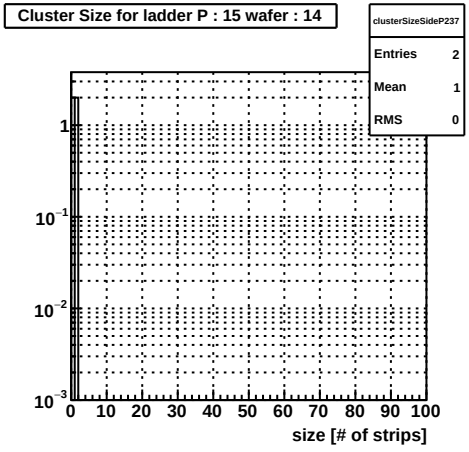

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 6520
Mean 1.119
RMS 0.3755
size [# of strips]

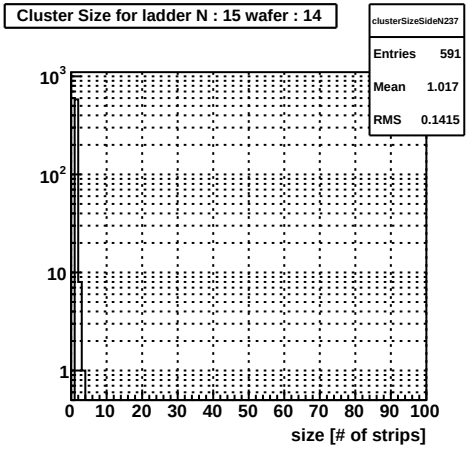

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 67
Mean 1.015
RMS 0.1213
size [# of strips]

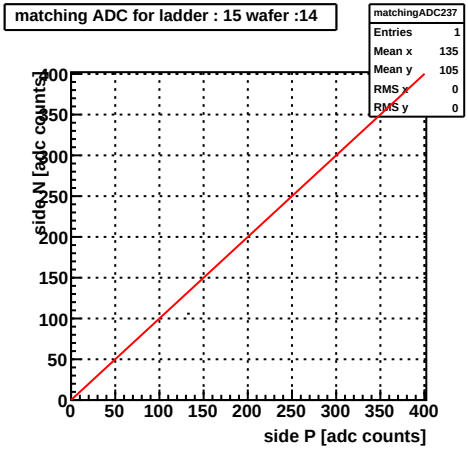

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 3
Mean x 26.33
Mean y 33.67
RMS x 6.182
RMS y 19.34
side N [adc counts]
side P [adc counts]

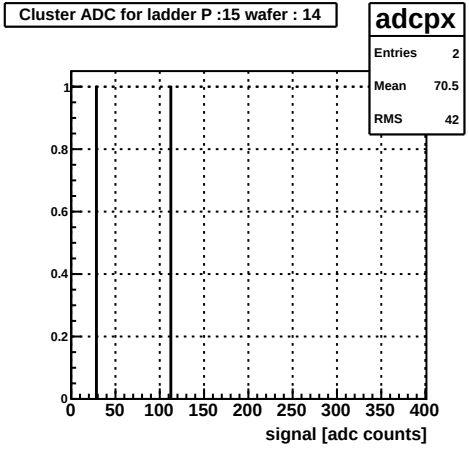

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 6520
Mean 26.73
RMS 14.41
signal [adc counts]

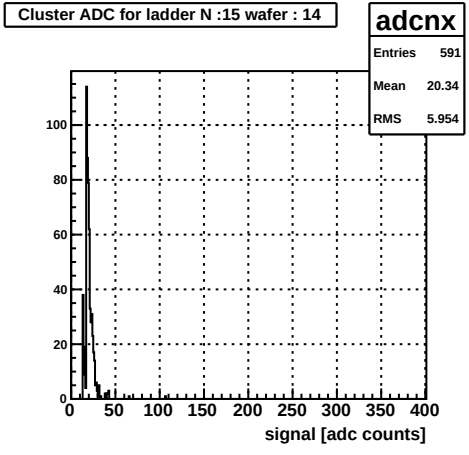

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 67
Mean 22.81
RMS 6.292
signal [adc counts]

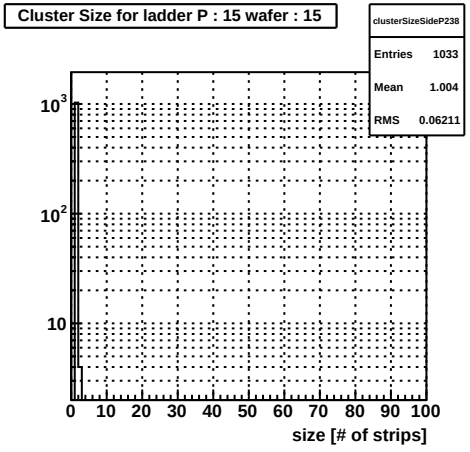

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2
Mean 1
RMS 0
size [# of strips]

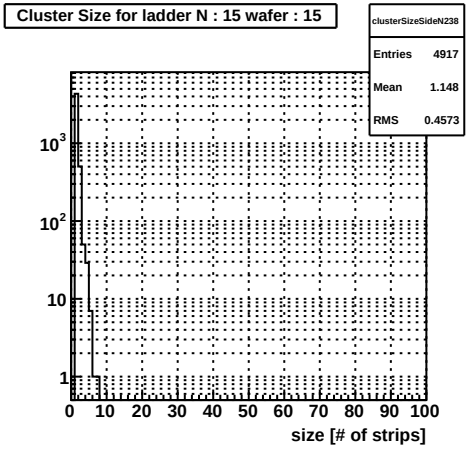

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 591
Mean 1.017
RMS 0.1415
size [# of strips]

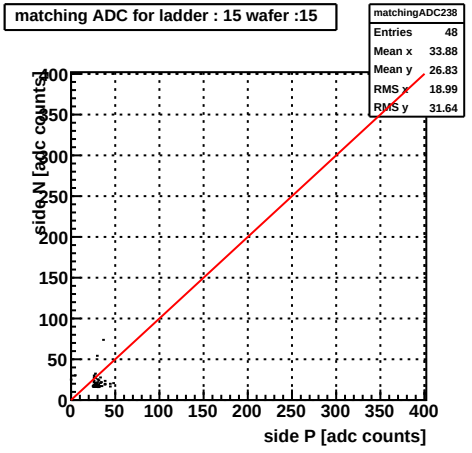

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1
Mean x 135
Mean y 105
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

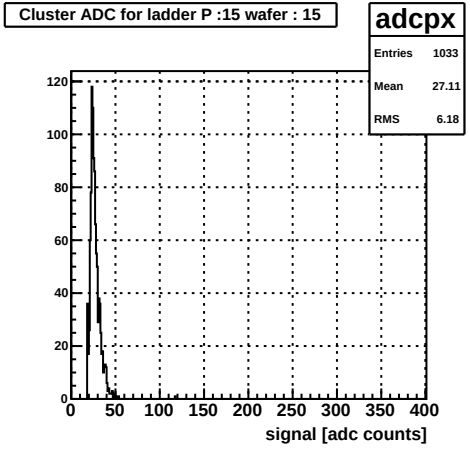

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2
Mean 70.5
RMS 42
signal [adc counts]

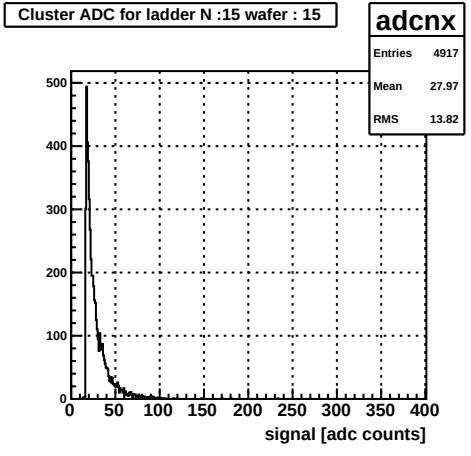

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 591
Mean 20.34
RMS 5.954
signal [adc counts]

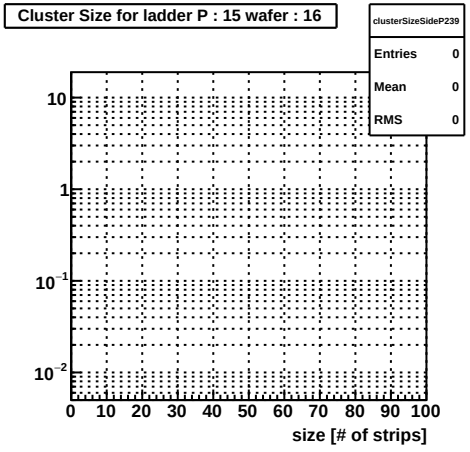

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1033
Mean 1.004
RMS 0.06211
size [# of strips]

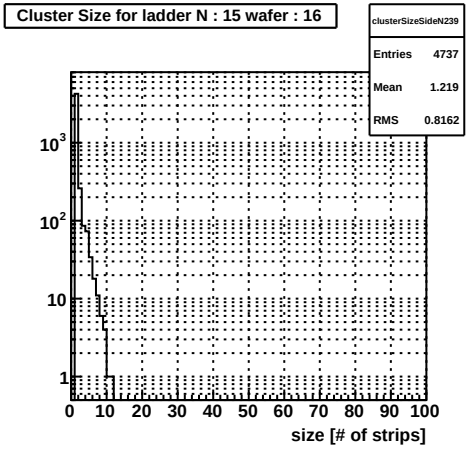

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4917
Mean 1.148
RMS 0.4573
size [# of strips]

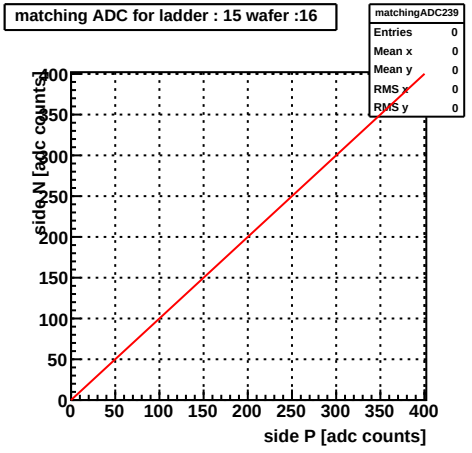

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 48
Mean x 33.88
Mean y 26.83
RMS x 18.99
RMS y 31.64
side N [adc counts]
side P [adc counts]

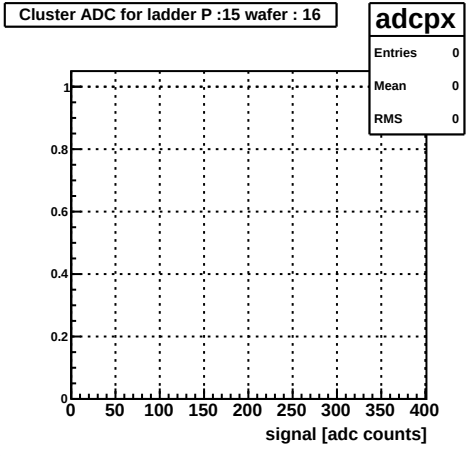

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1033
Mean 27.11
RMS 6.18
signal [adc counts]

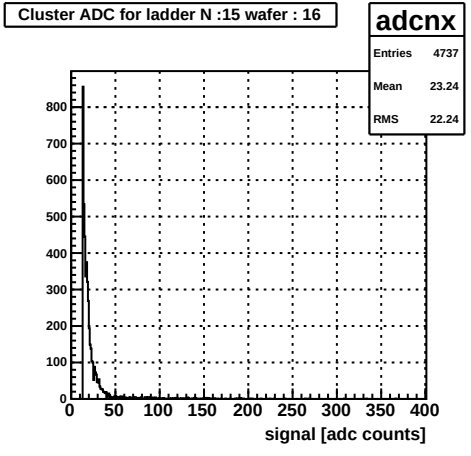

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4917
Mean 27.97
RMS 13.82
signal [adc counts]

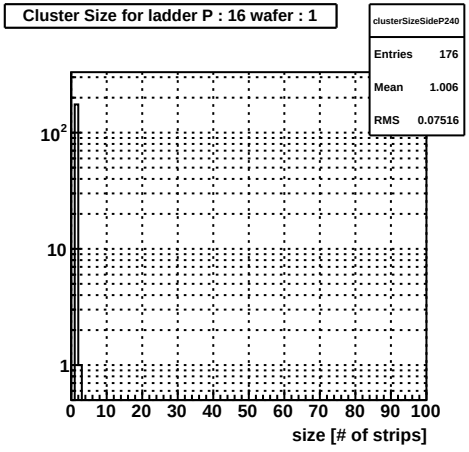

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

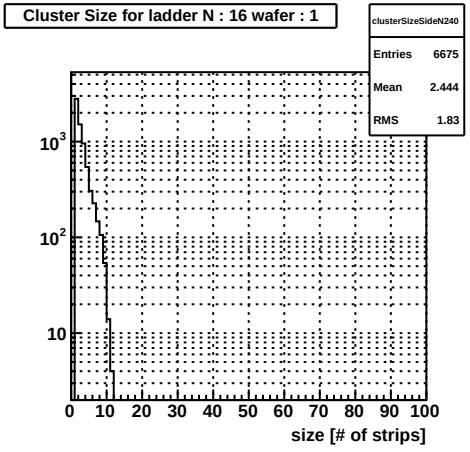

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4737
Mean 1.219
RMS 0.8162
size [# of strips]

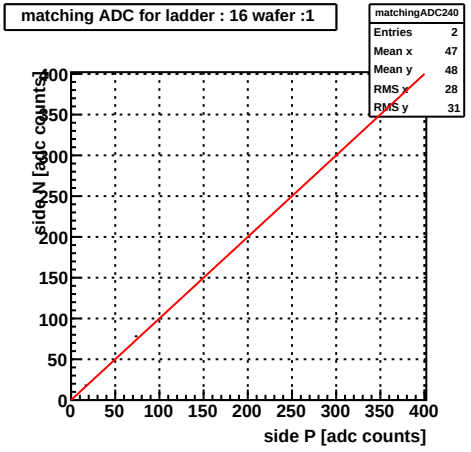

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

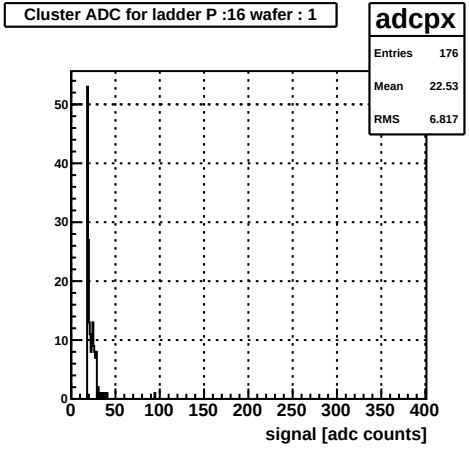

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

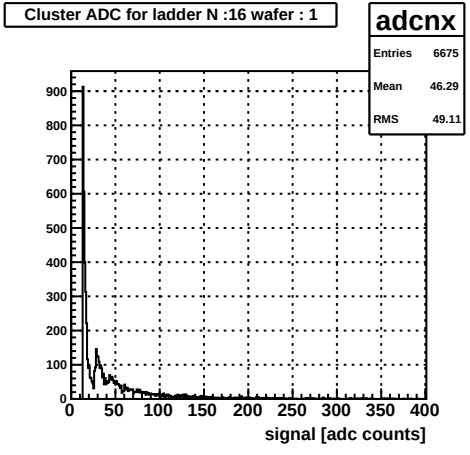

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4737
Mean 23.24
RMS 22.24
signal [adc counts]

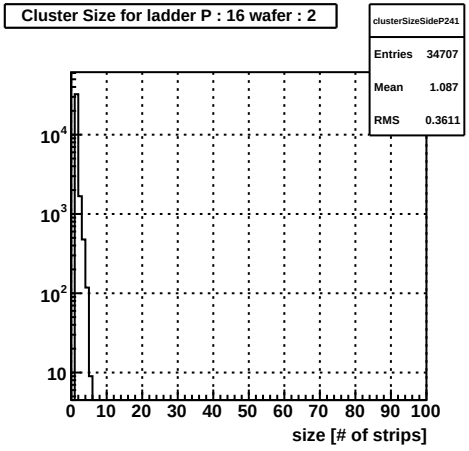

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 176
Mean 1.006
RMS 0.07516
size [# of strips]

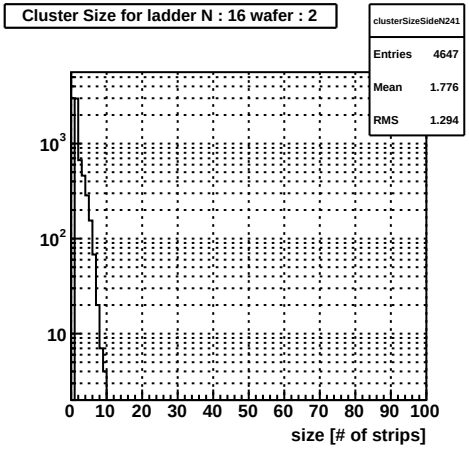

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 6675
Mean 2.444
RMS 1.83
size [# of strips]

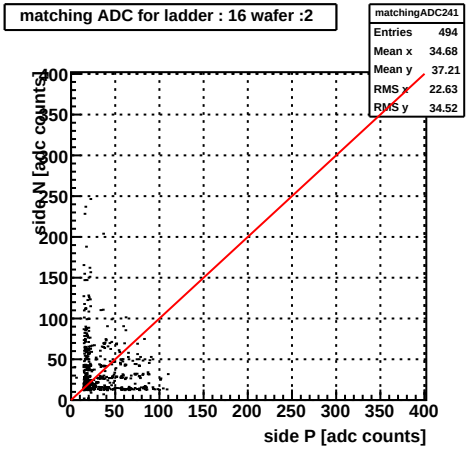

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 2
Mean x 47
Mean y 48
RMS x 28
RMS y 31
side N [adc counts]
side P [adc counts]

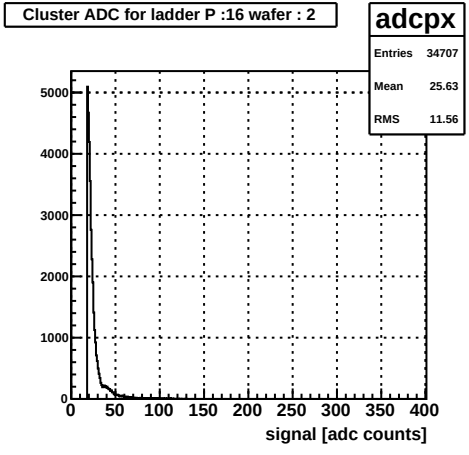

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 176
Mean 22.53
RMS 6.817
signal [adc counts]

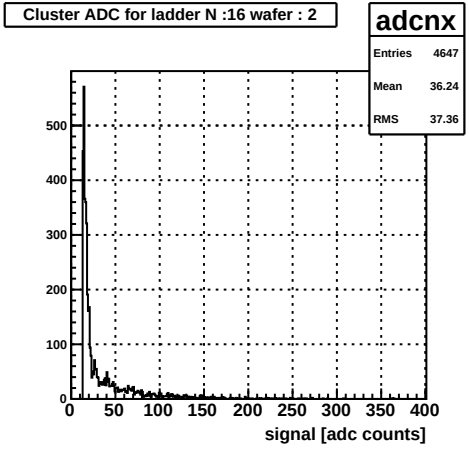

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 6675
Mean 46.29
RMS 49.11
signal [adc counts]

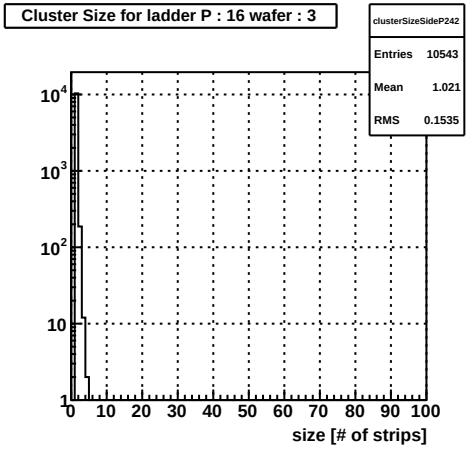

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 34707
Mean 1.087
RMS 0.3611
size [# of strips]

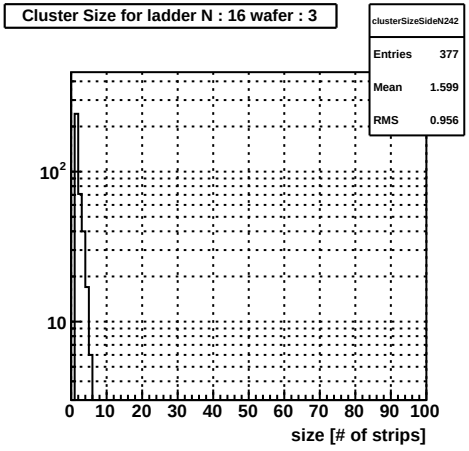

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4647
Mean 1.776
RMS 1.294
size [# of strips]

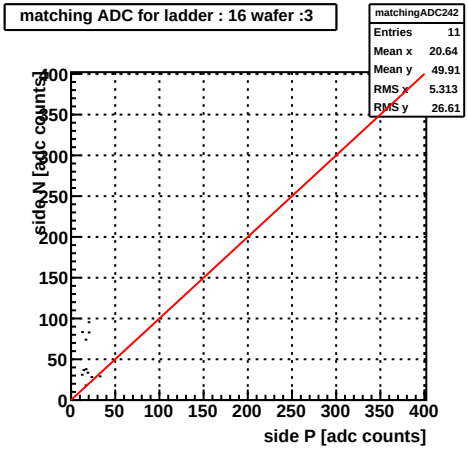

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 494
Mean x 34.68
Mean y 37.21
RMS x 22.63
RMS y 34.52
side N [adc counts]
side P [adc counts]

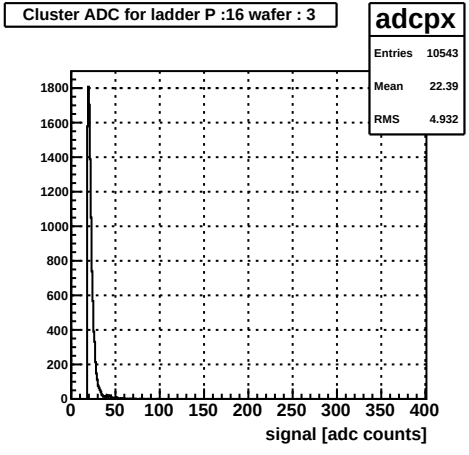

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 34707
Mean 25.63
RMS 11.56
signal [adc counts]

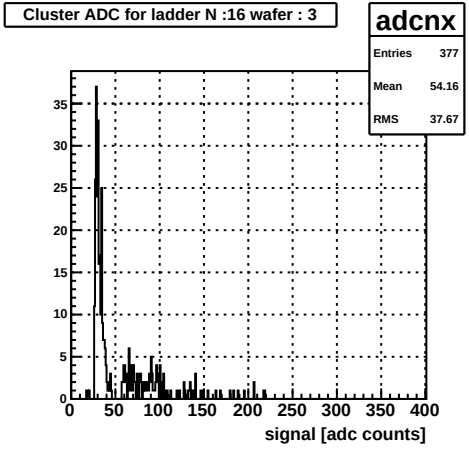

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4647
Mean 36.24
RMS 37.36
signal [adc counts]

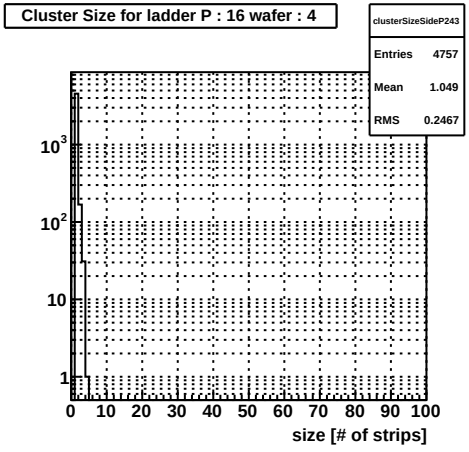

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10543
Mean 1.021
RMS 0.1535
size [# of strips]

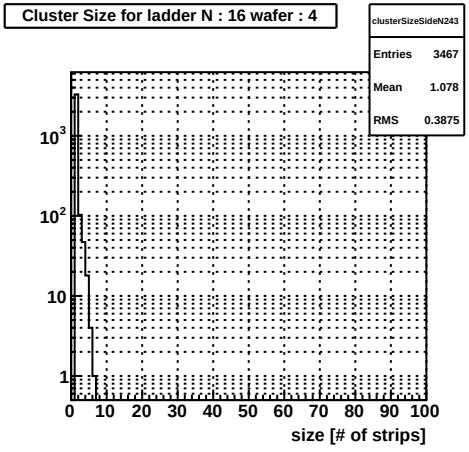

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 377
Mean 1.599
RMS 0.956
size [# of strips]

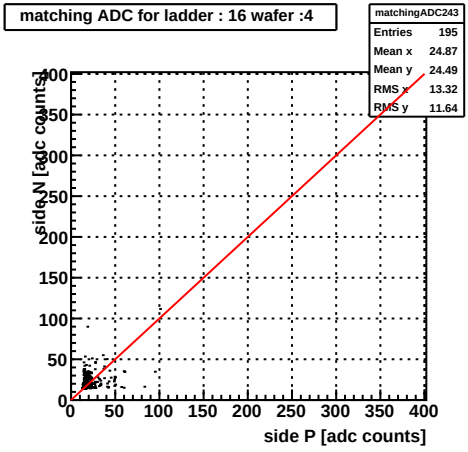

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 11
Mean x 20.64
Mean y 49.91
RMS x 5.313
RMS y 26.61
side N [adc counts]
side P [adc counts]

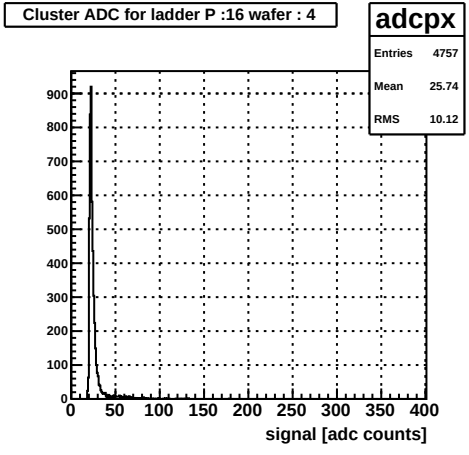

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10543
Mean 22.39
RMS 4.932
signal [adc counts]

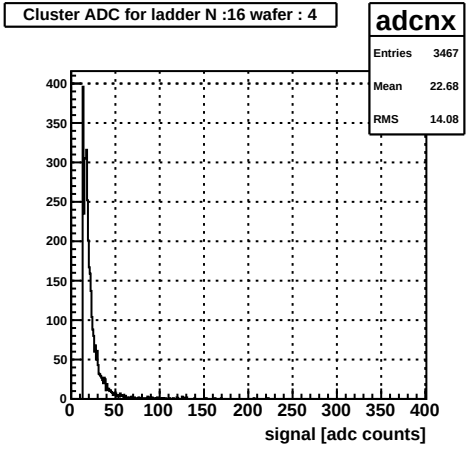

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 377
Mean 54.16
RMS 37.67
signal [adc counts]

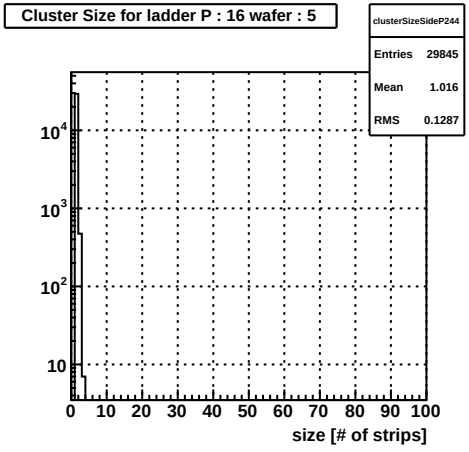

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4757
Mean 1.049
RMS 0.2467
size [# of strips]

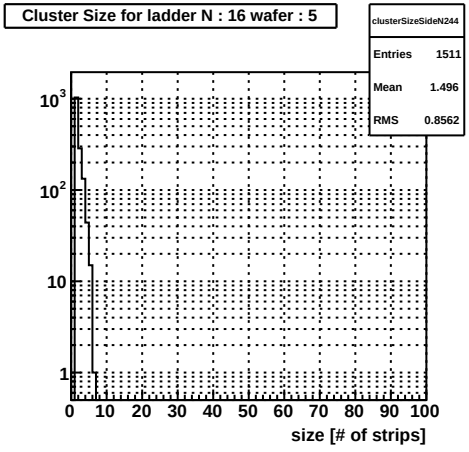

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3467
Mean 1.078
RMS 0.3875
size [# of strips]

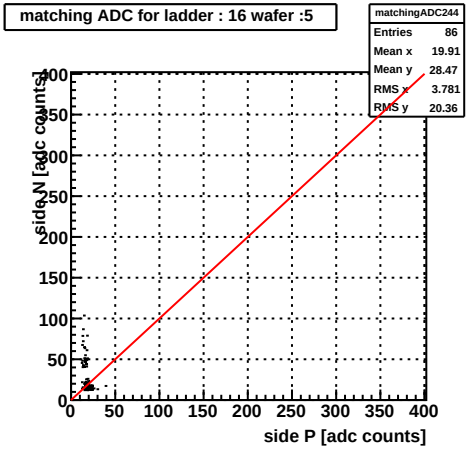

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 195
Mean x 24.87
Mean y 24.49
RMS x 13.32
RMS y 11.64
side N [adc counts]
side P [adc counts]

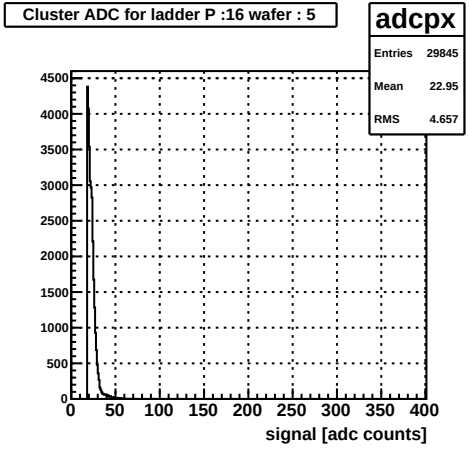

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4757
Mean 25.74
RMS 10.12
signal [adc counts]

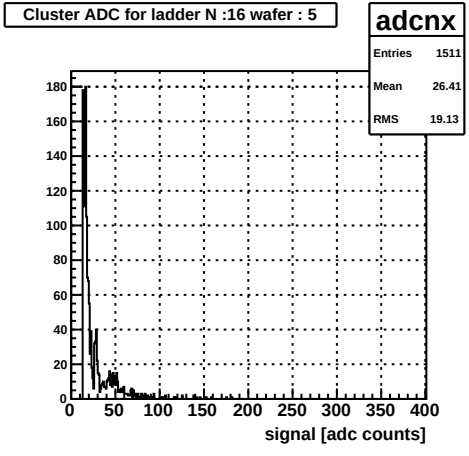

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3467
Mean 22.68
RMS 14.08
signal [adc counts]

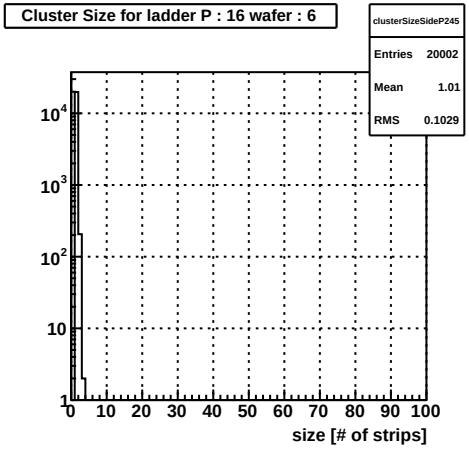

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 29845
Mean 1.016
RMS 0.1287
size [# of strips]

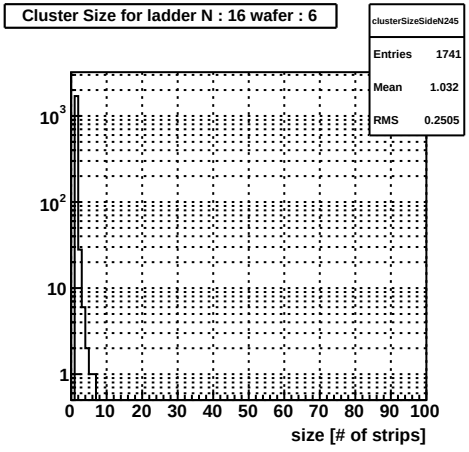

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1511
Mean 1.496
RMS 0.8562
size [# of strips]

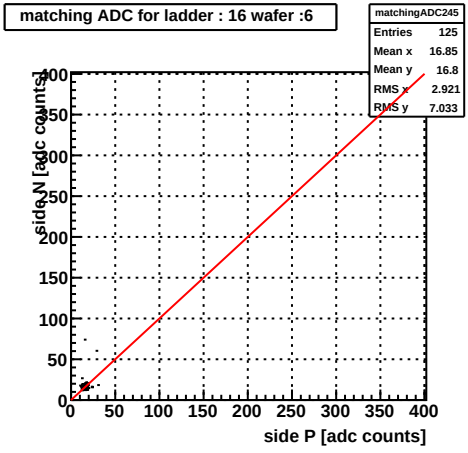

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 86
Mean x 19.91
Mean y 28.47
RMS x 3.781
RMS y 20.36
side N [adc counts]
side P [adc counts]

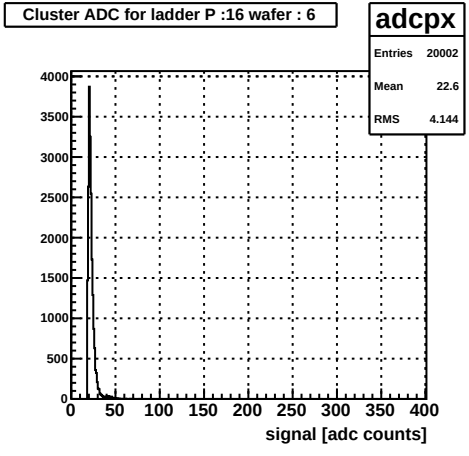

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 29845
Mean 22.95
RMS 4.657
signal [adc counts]

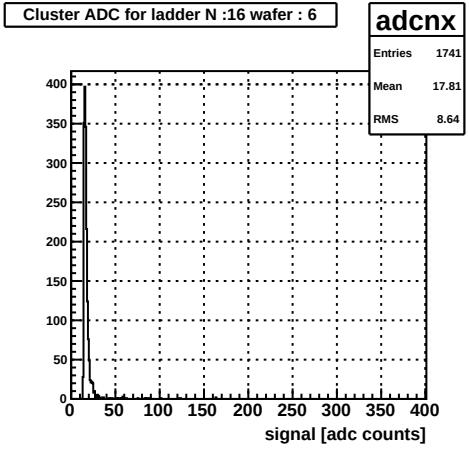

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1511
Mean 26.41
RMS 19.13
signal [adc counts]

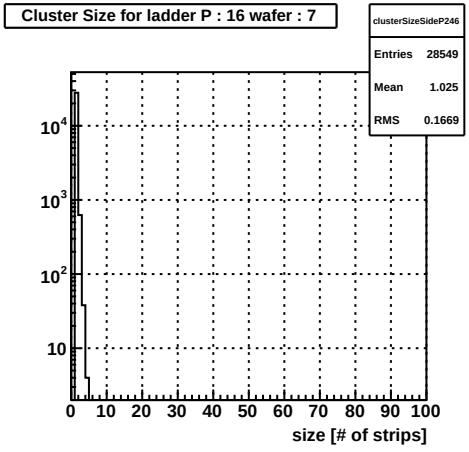

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 20002
Mean 1.01
RMS 0.1029
size [# of strips]

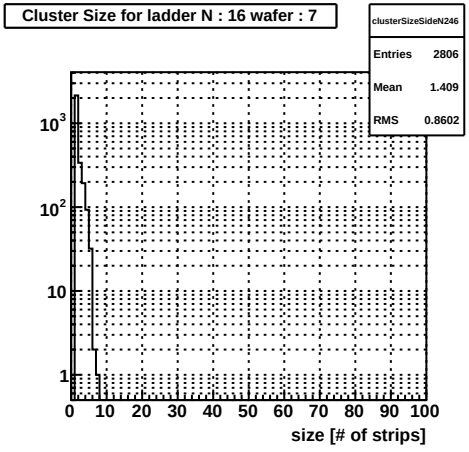

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1741
Mean 1.032
RMS 0.2505
size [# of strips]

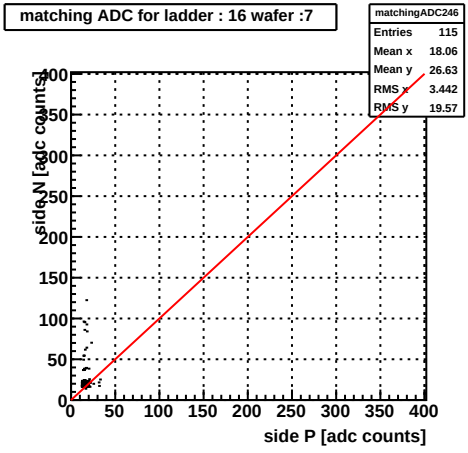

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 125
Mean x 16.85
Mean y 16.8
RMS x 2.921
RMS y 7.033
side N [adc counts]
side P [adc counts]

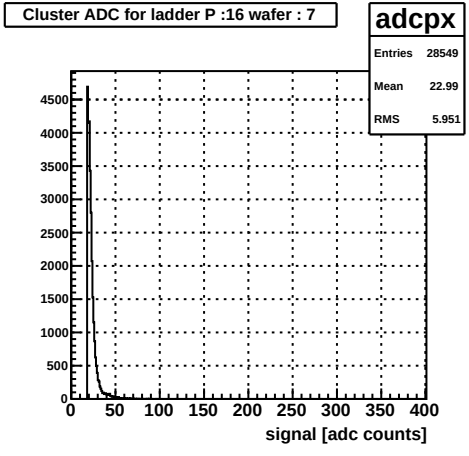

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 20002
Mean 22.6
RMS 4.144
signal [adc counts]

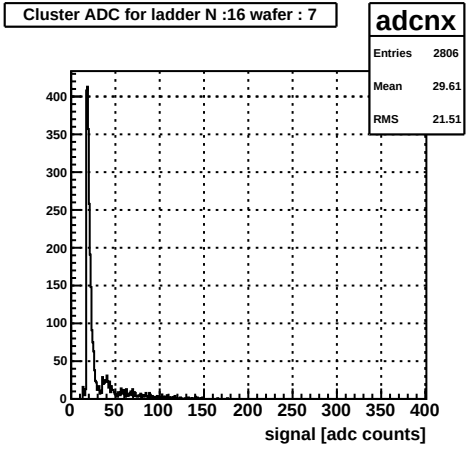

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1741
Mean 17.81
RMS 8.64
signal [adc counts]

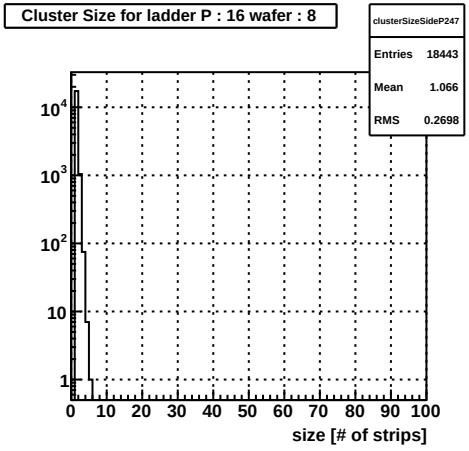

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 28549
Mean 1.025
RMS 0.1669
size [# of strips]

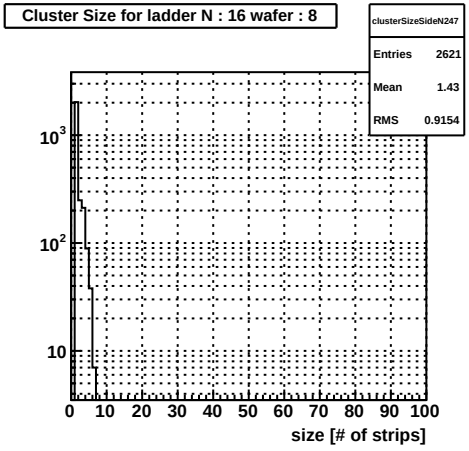

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2806
Mean 1.409
RMS 0.8602
size [# of strips]

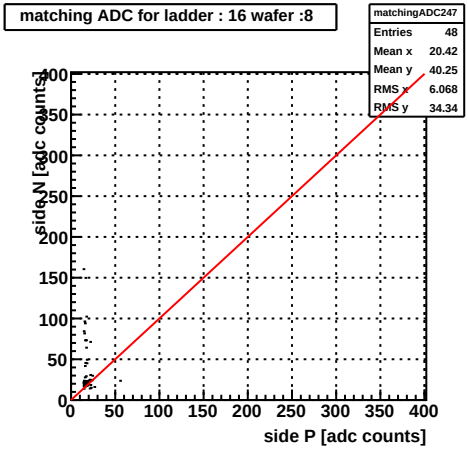

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 115
Mean x 18.06
Mean y 26.63
RMS x 3.442
RMS y 19.57
side N [adc counts]
side P [adc counts]

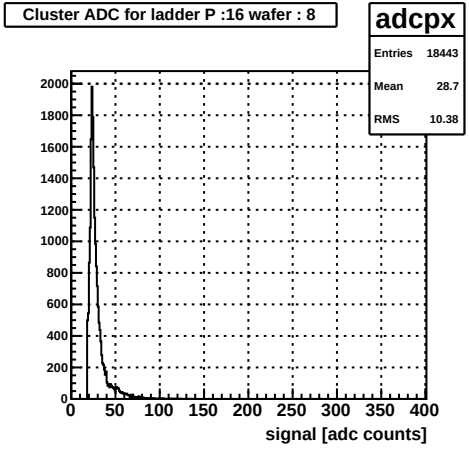

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 28549
Mean 22.99
RMS 5.951
signal [adc counts]

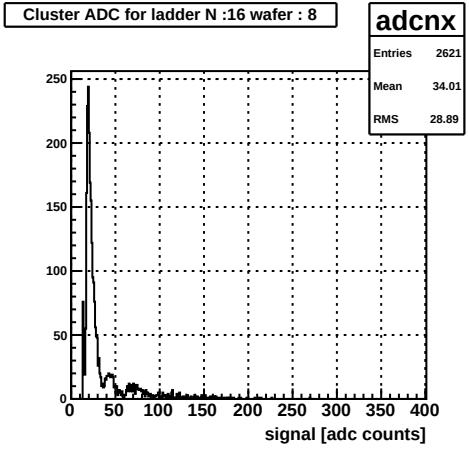

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2806
Mean 29.61
RMS 21.51
signal [adc counts]

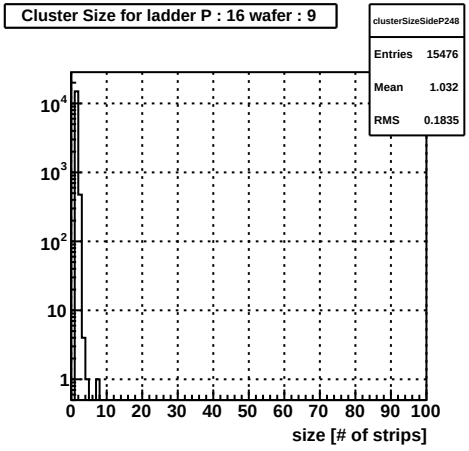

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 18443
Mean 1.066
RMS 0.2698
size [# of strips]

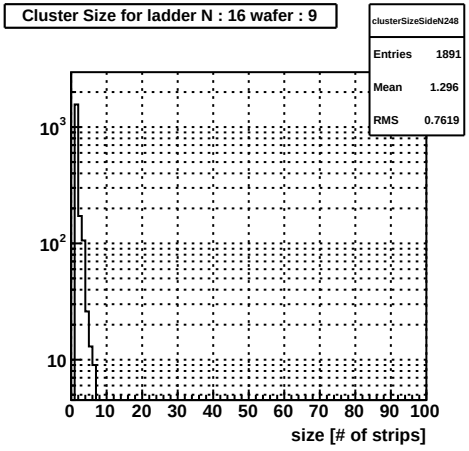

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2621
Mean 1.43
RMS 0.9154
size [# of strips]

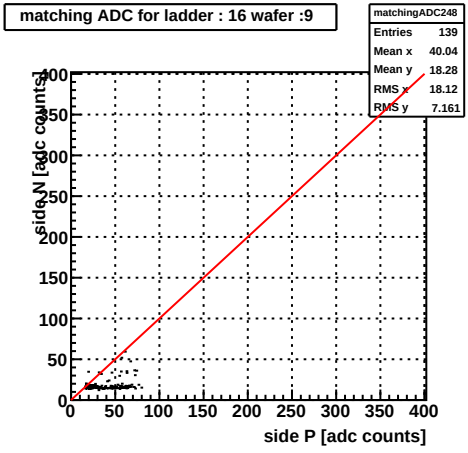

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 48
Mean x 20.42
Mean y 40.25
RMS x 6.068
RMS y 34.34
side N [adc counts]
side P [adc counts]

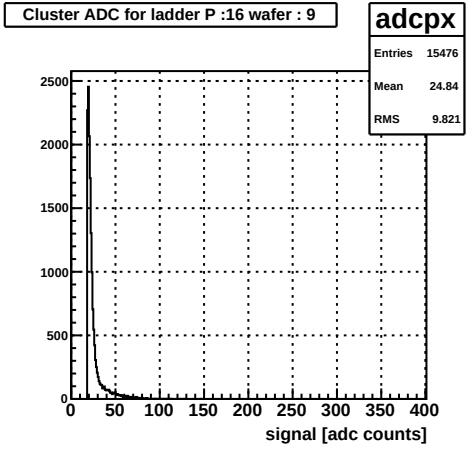

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 18443
Mean 28.7
RMS 10.38
signal [adc counts]

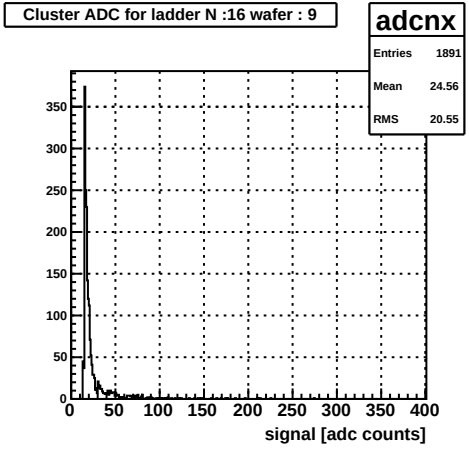

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2621
Mean 34.01
RMS 28.89
signal [adc counts]

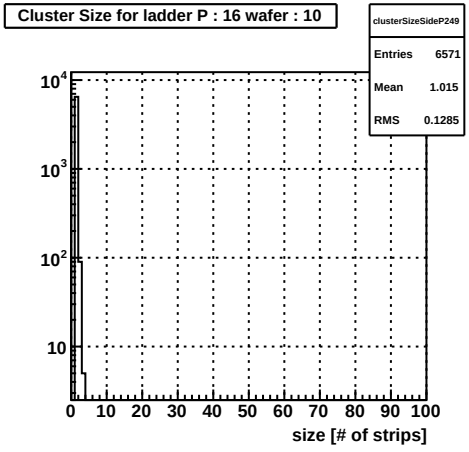

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 15476
Mean 1.032
RMS 0.1835
size [# of strips]

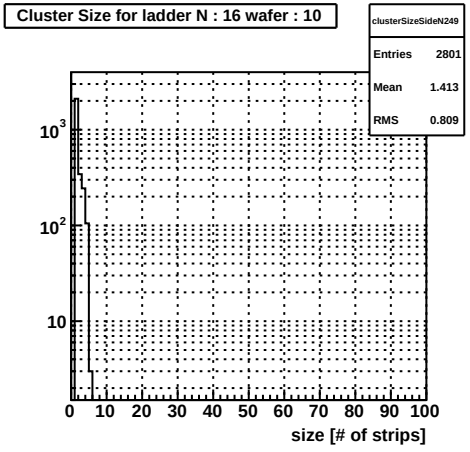

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1891
Mean 1.296
RMS 0.7619
size [# of strips]

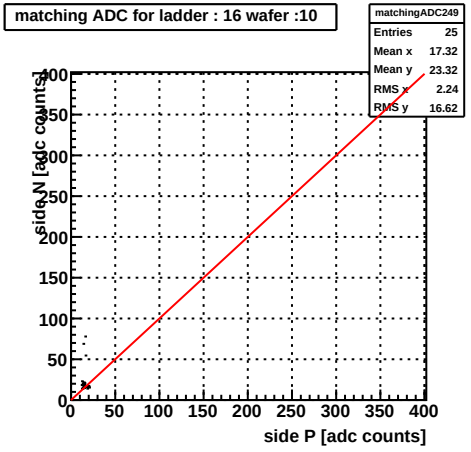

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 139
Mean x 40.04
Mean y 18.28
RMS x 18.12
RMS y 7.161
side N [adc counts]
side P [adc counts]

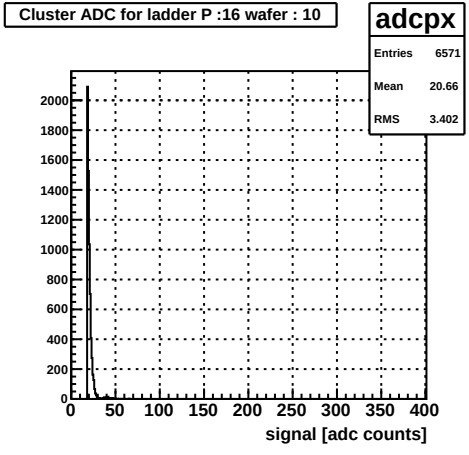

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 15476
Mean 24.84
RMS 9.821
signal [adc counts]

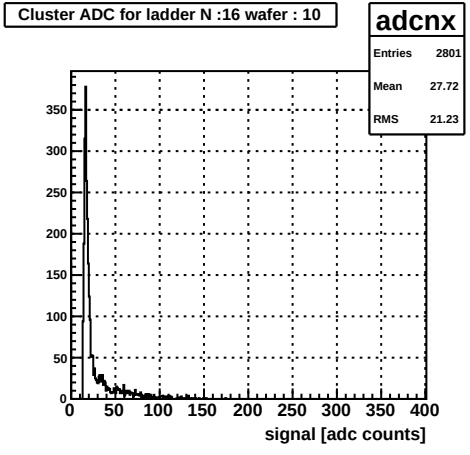

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1891
Mean 24.56
RMS 20.55
signal [adc counts]

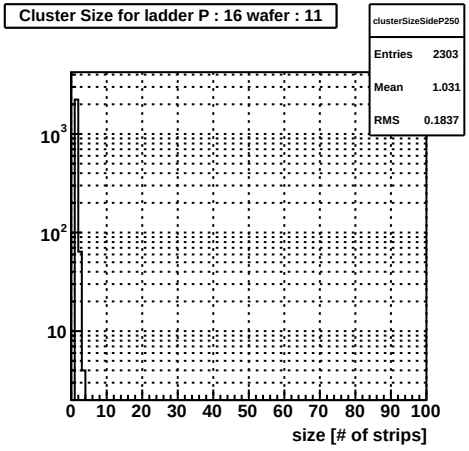

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6571
Mean 1.015
RMS 0.1285
size [# of strips]

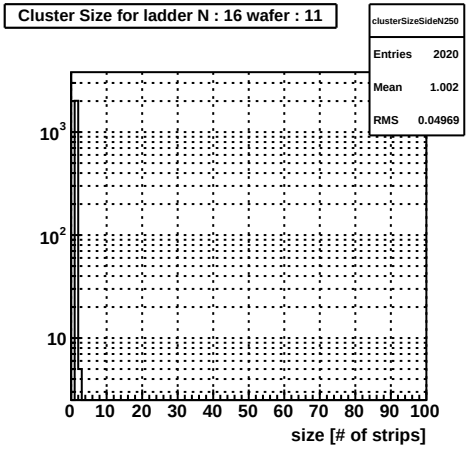

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2801
Mean 1.413
RMS 0.809
size [# of strips]

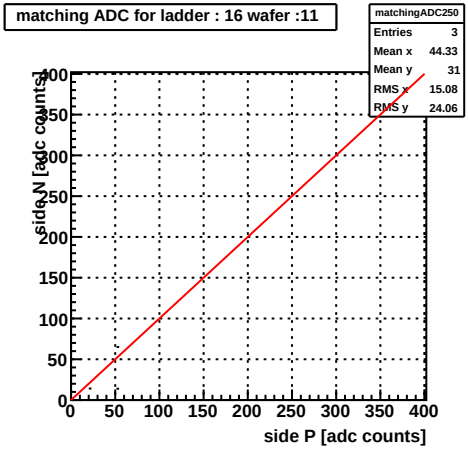

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 25
Mean x 17.32
Mean y 23.32
RMS x 2.24
RMS y 16.62
side N [adc counts]
side P [adc counts]

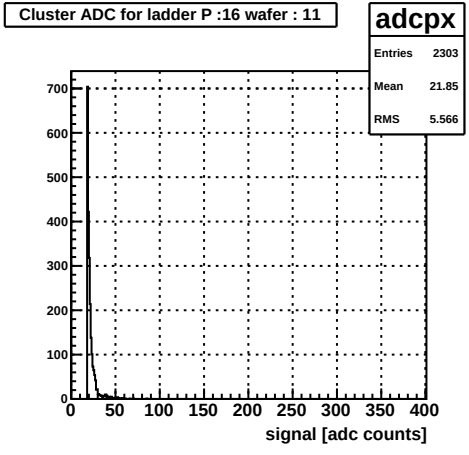

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6571
Mean 20.66
RMS 3.402
signal [adc counts]

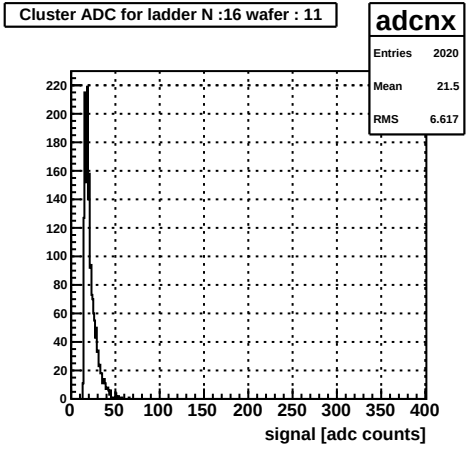

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2801
Mean 27.72
RMS 21.23
signal [adc counts]

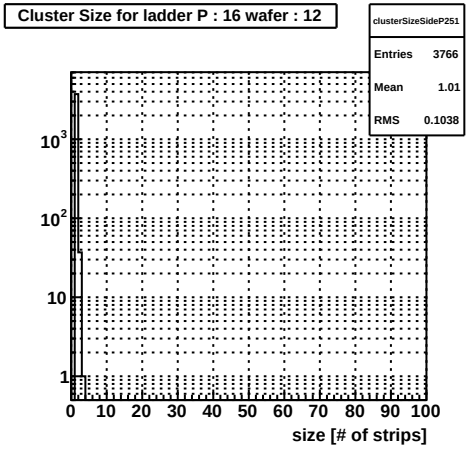

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2303
Mean 1.031
RMS 0.1837
size [# of strips]

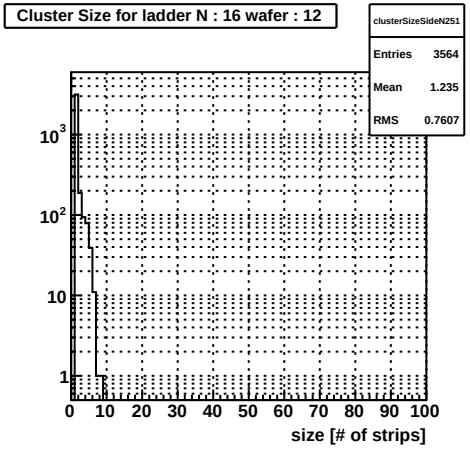

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2020
Mean 1.002
RMS 0.04969
size [# of strips]

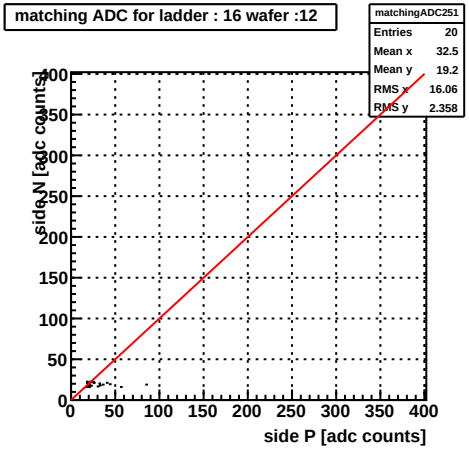

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 3
Mean x 44.33
Mean y 31
RMS x 15.08
RMS y 24.06
side N [adc counts]
side P [adc counts]

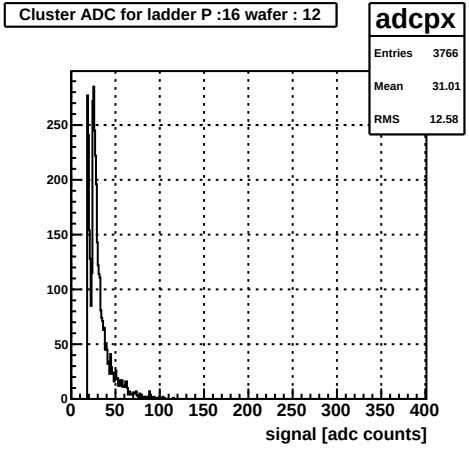

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2303
Mean 21.85
RMS 5.566
signal [adc counts]

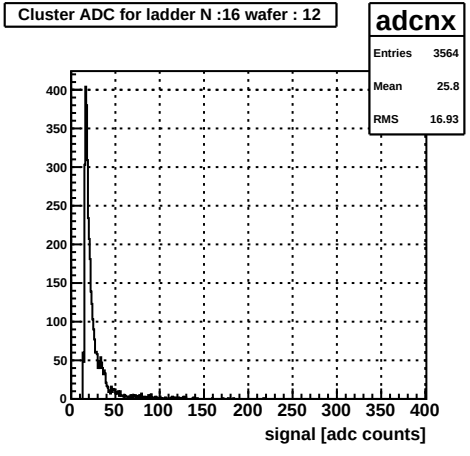

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2020
Mean 21.5
RMS 6.617
signal [adc counts]

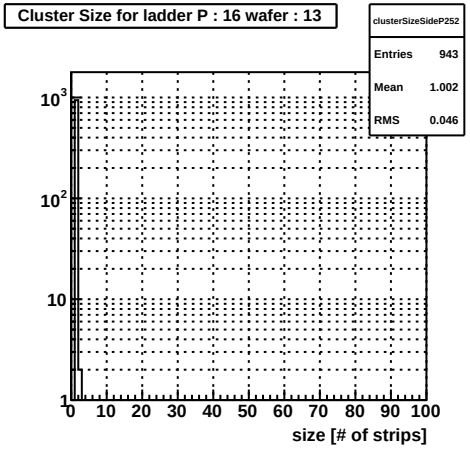

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3766
Mean 1.01
RMS 0.1038
size [# of strips]

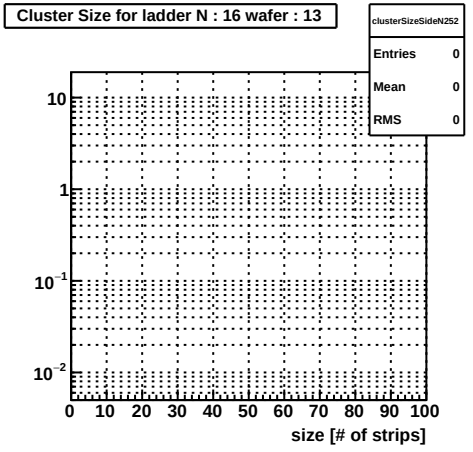

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3564
Mean 1.235
RMS 0.7607
size [# of strips]

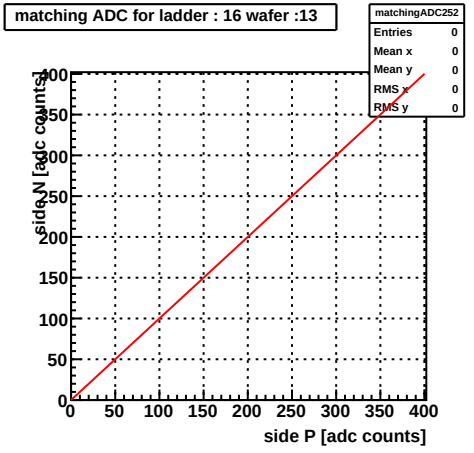

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 20
Mean x 32.5
Mean y 19.2
RMS x 16.06
RMS y 2.358
side N [adc counts]
side P [adc counts]

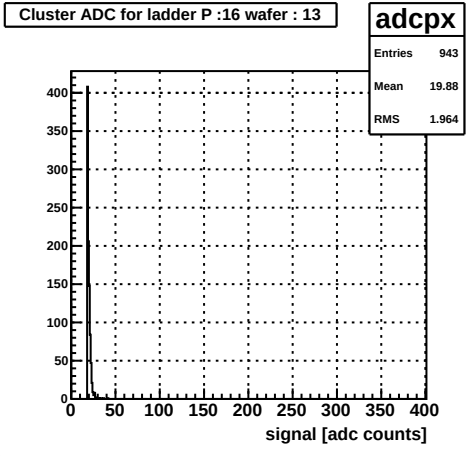

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3766
Mean 31.01
RMS 12.58
signal [adc counts]

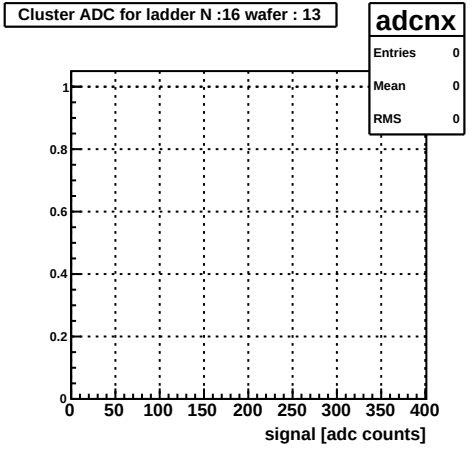

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3564
Mean 25.8
RMS 16.93
signal [adc counts]

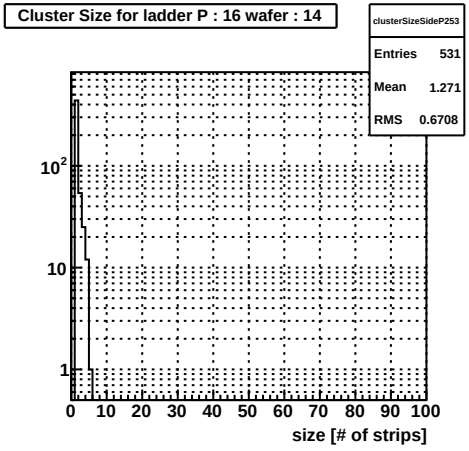

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 943
Mean 1.002
RMS 0.046
size [# of strips]

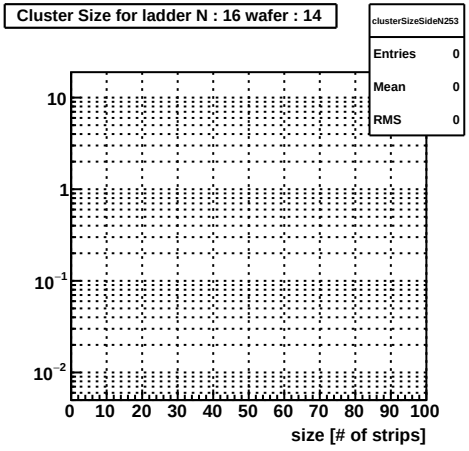

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

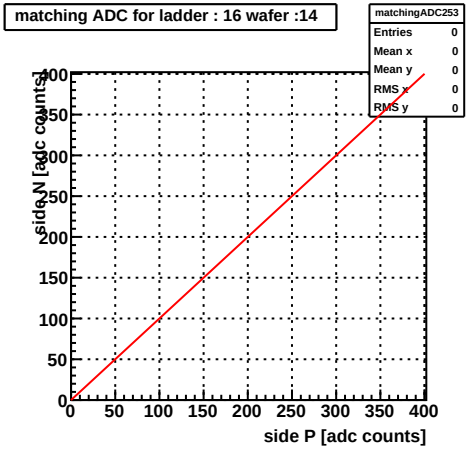

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

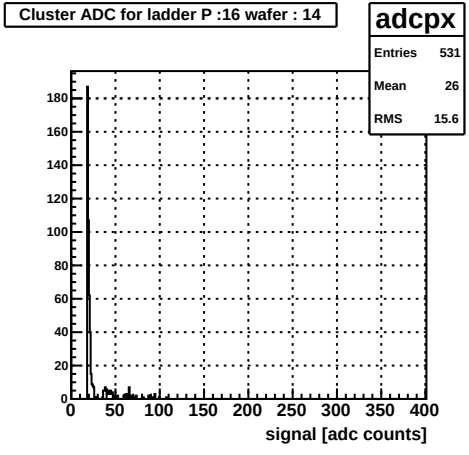

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 943
Mean 19.88
RMS 1.964
signal [adc counts]

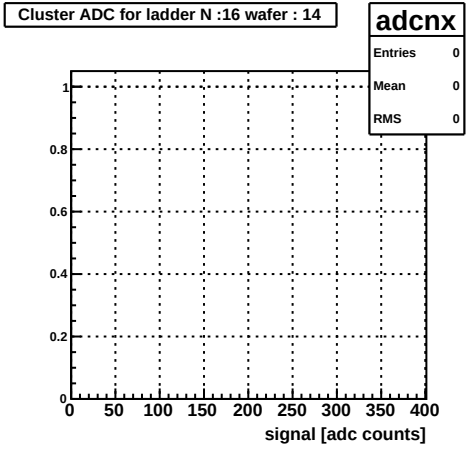

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

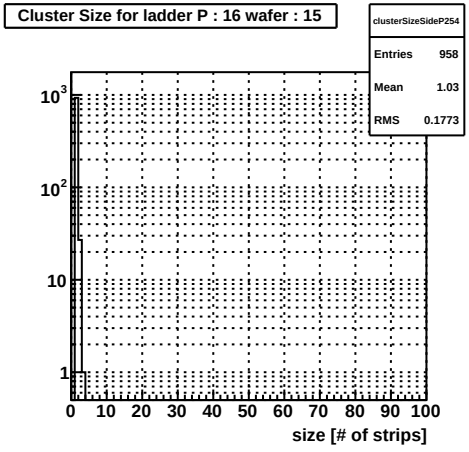

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 531
Mean 1.271
RMS 0.6708
size [# of strips]

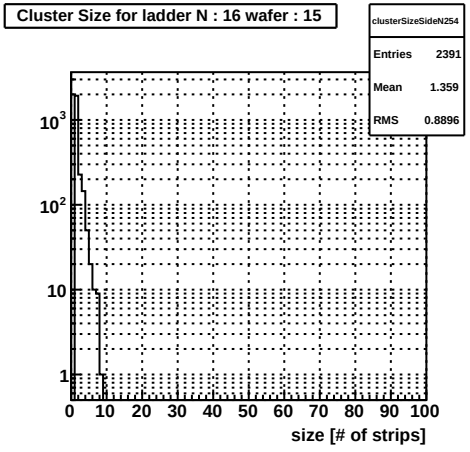

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

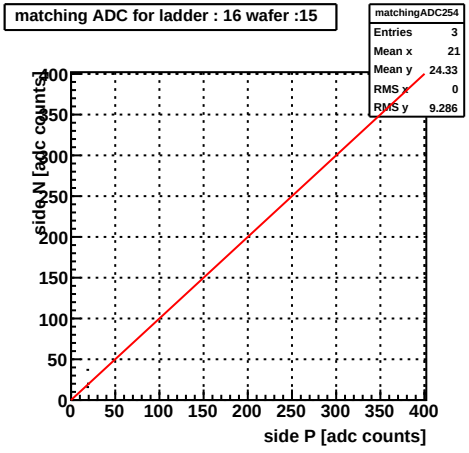

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

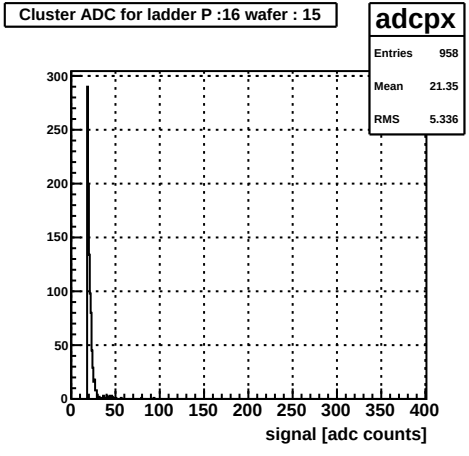

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 531
Mean 26
RMS 15.6
signal [adc counts]

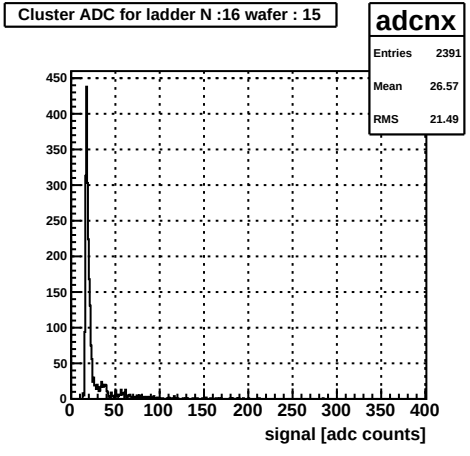

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

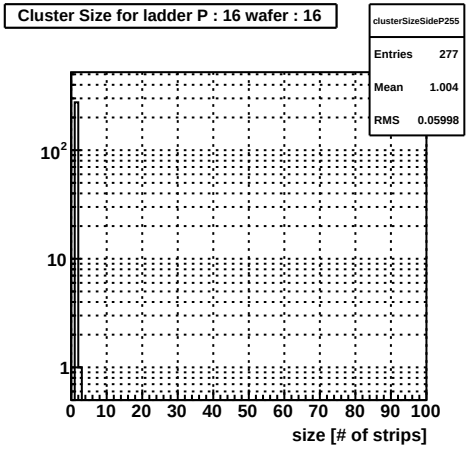

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 958
Mean 1.03
RMS 0.1773
size [# of strips]

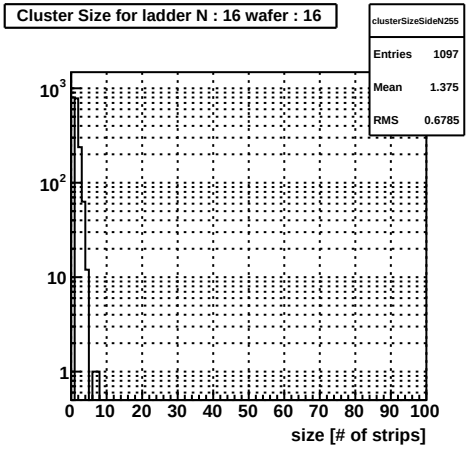

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2391
Mean 1.359
RMS 0.8896
size [# of strips]

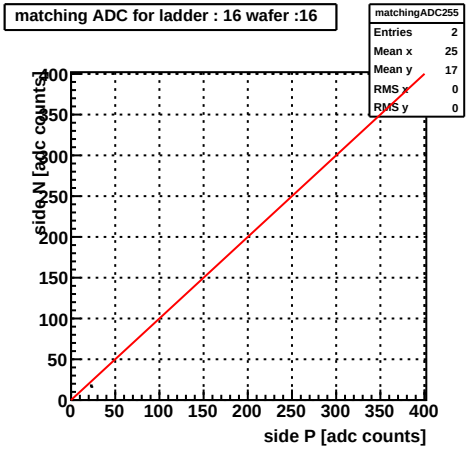

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 3
Mean x 21
Mean y 24.33
RMS x 0
RMS y 9.286
side N [adc counts]
side P [adc counts]

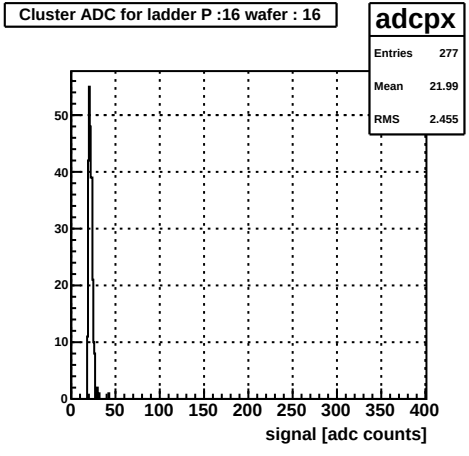

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 958
Mean 21.35
RMS 5.336
signal [adc counts]

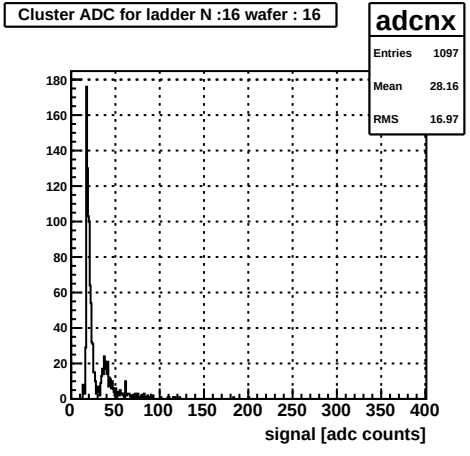

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2391
Mean 26.57
RMS 21.49
signal [adc counts]

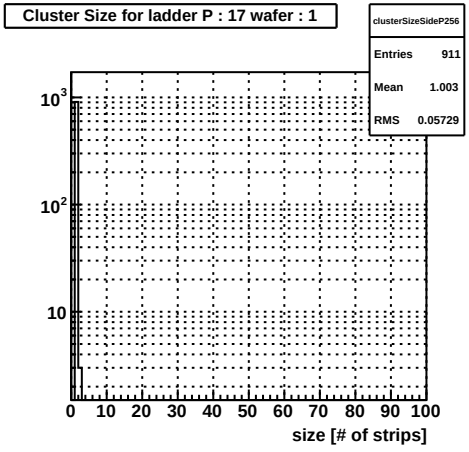

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 277
Mean 1.004
RMS 0.05998
size [# of strips]

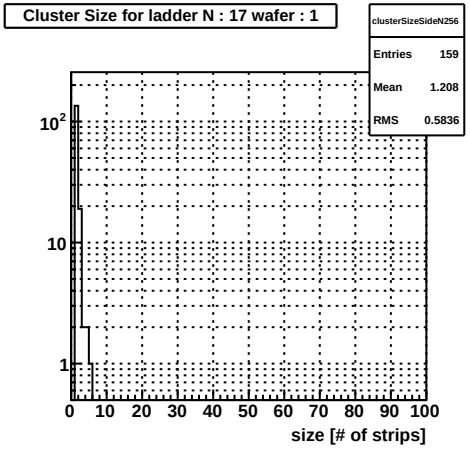

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1097
Mean 1.375
RMS 0.6785
size [# of strips]

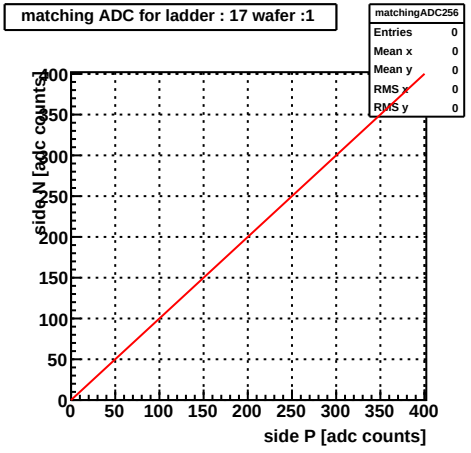

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 2
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

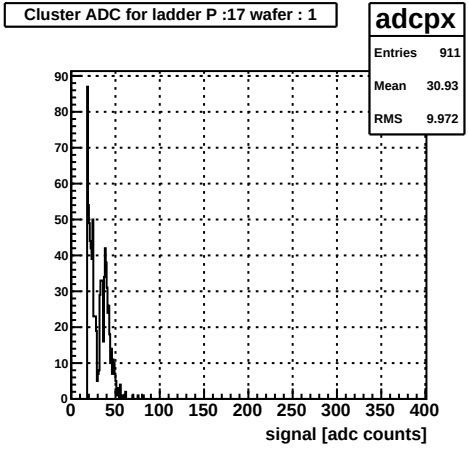

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 277
Mean 21.99
RMS 2.455
signal [adc counts]

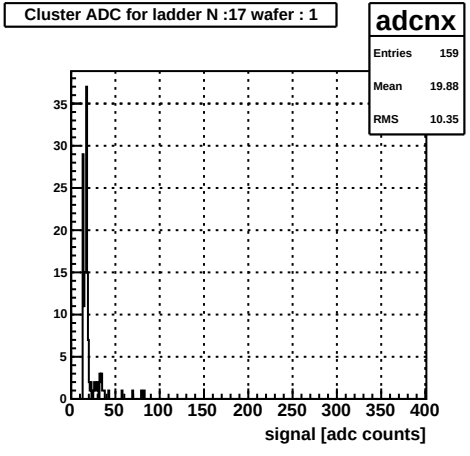

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1097
Mean 28.16
RMS 16.97
signal [adc counts]

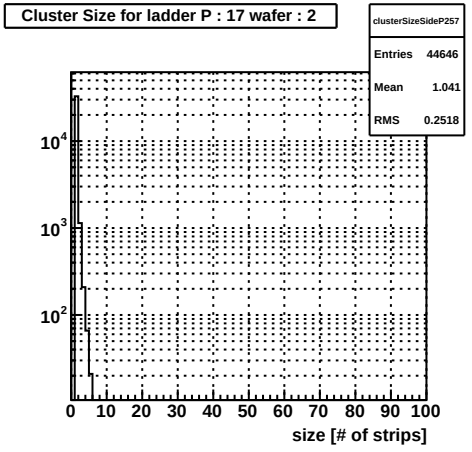

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 911
Mean 1.003
RMS 0.05729
size [# of strips]

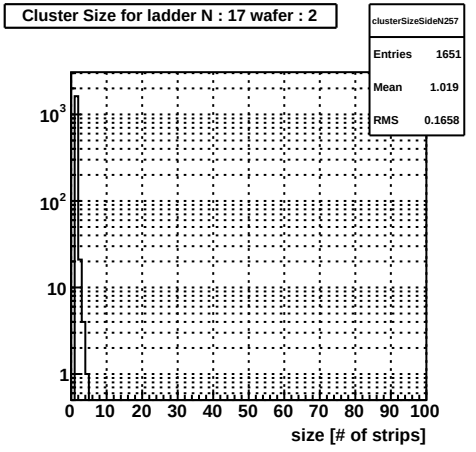

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 159
Mean 1.208
RMS 0.5836
size [# of strips]

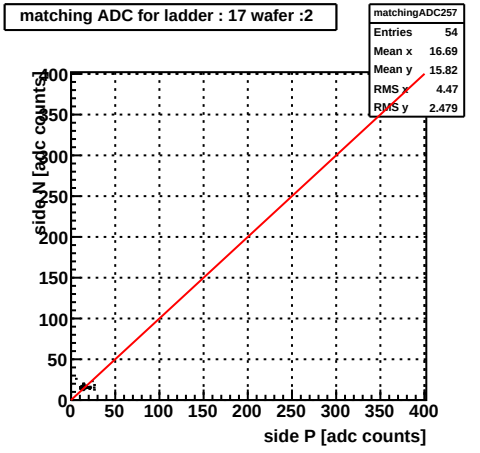

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

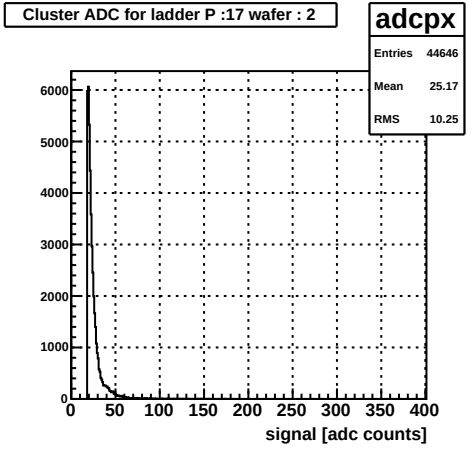

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 911
Mean 30.93
RMS 9.972
signal [adc counts]

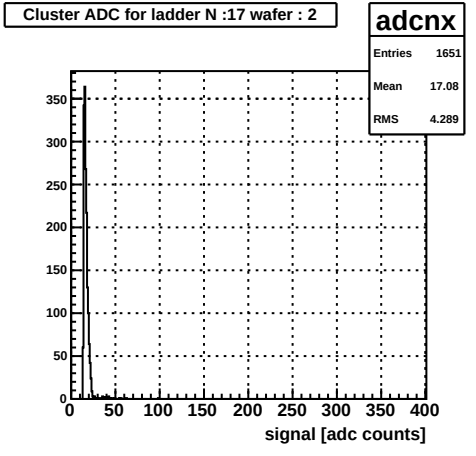

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 159
Mean 19.88
RMS 10.35
signal [adc counts]

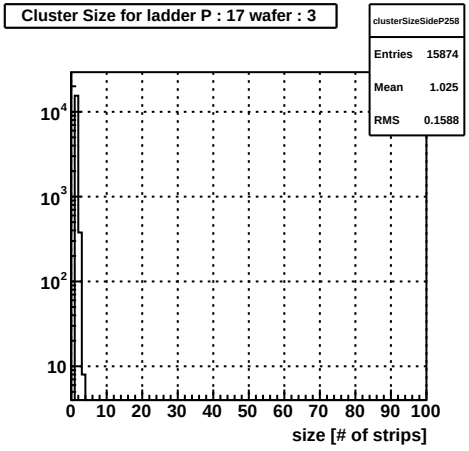

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 44646
Mean 1.041
RMS 0.2518
size [# of strips]

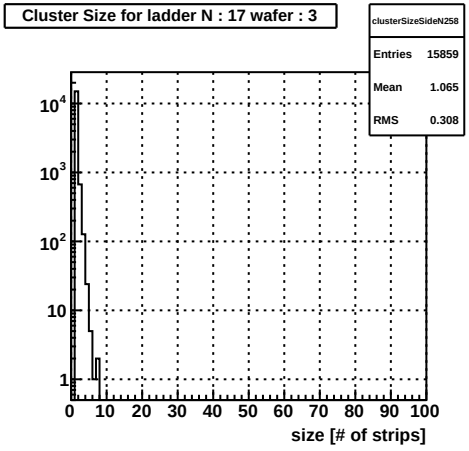

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 1651
Mean 1.019
RMS 0.1658
size [# of strips]

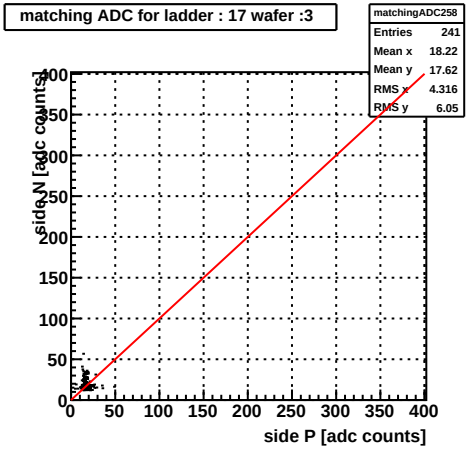

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 54
Mean x 16.69
Mean y 15.82
RMS x 4.47
RMS y 2.479
side N [adc counts]
side P [adc counts]

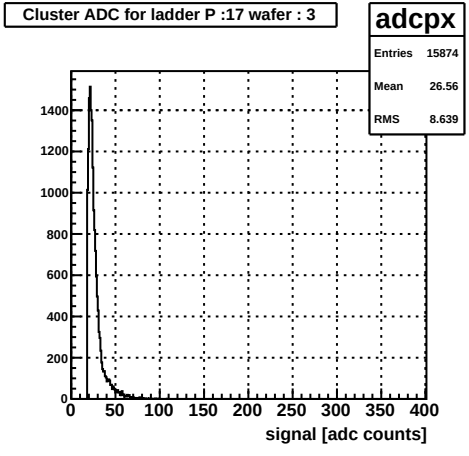

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 44646
Mean 25.17
RMS 10.25
signal [adc counts]

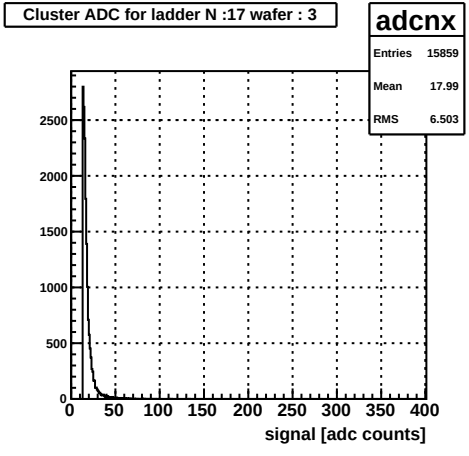

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 1651
Mean 17.08
RMS 4.289
signal [adc counts]

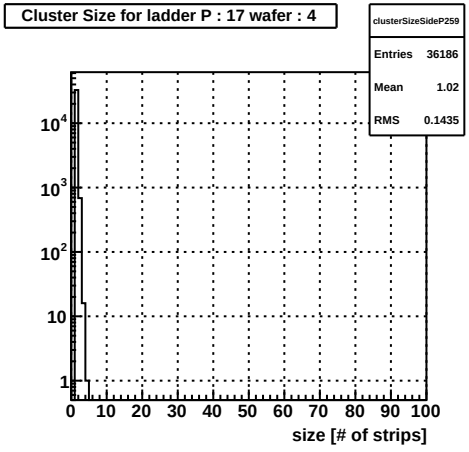

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 15874
Mean 1.025
RMS 0.1588
size [# of strips]

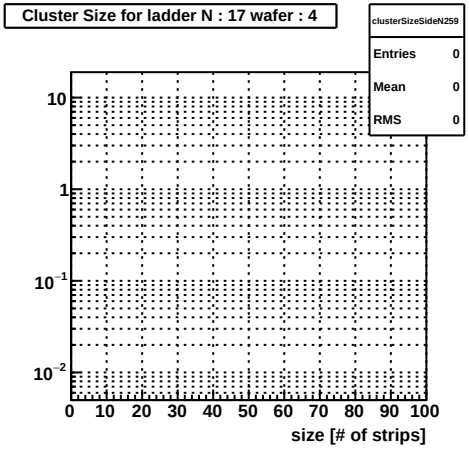

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15859
Mean 1.065
RMS 0.308
size [# of strips]

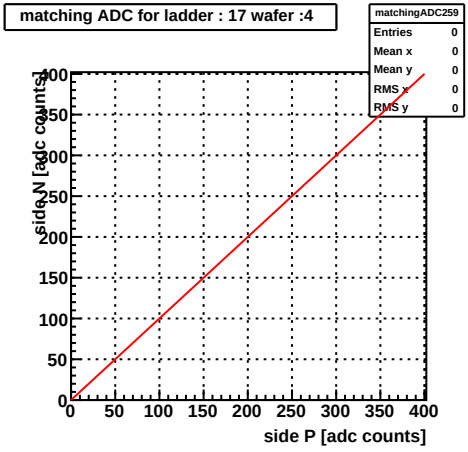

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 241
Mean x 18.22
Mean y 17.62
RMS x 4.316
RMS y 6.05
side N [adc counts]
side P [adc counts]

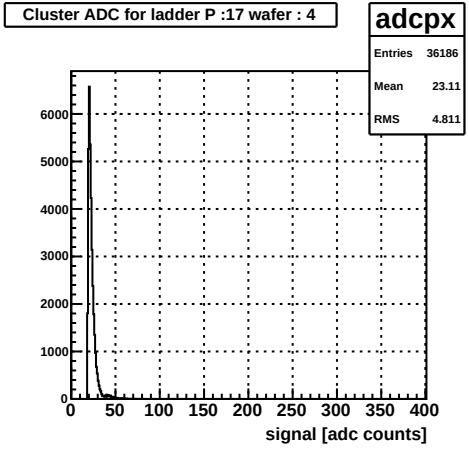

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 15874
Mean 26.56
RMS 8.639
signal [adc counts]

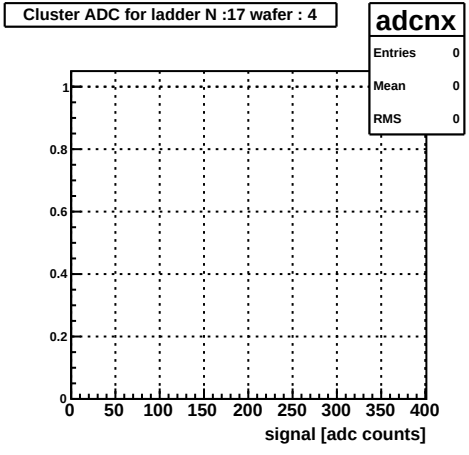

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15859
Mean 17.99
RMS 6.503
signal [adc counts]

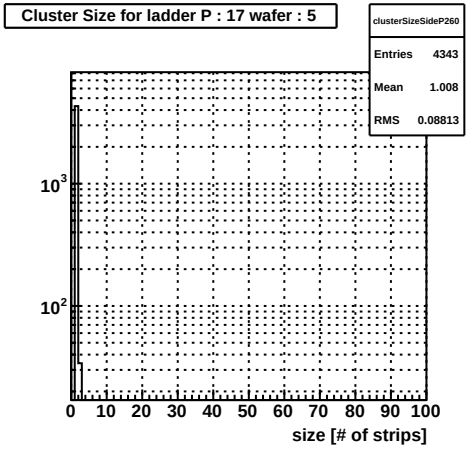

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 36186
Mean 1.02
RMS 0.1435
size [# of strips]

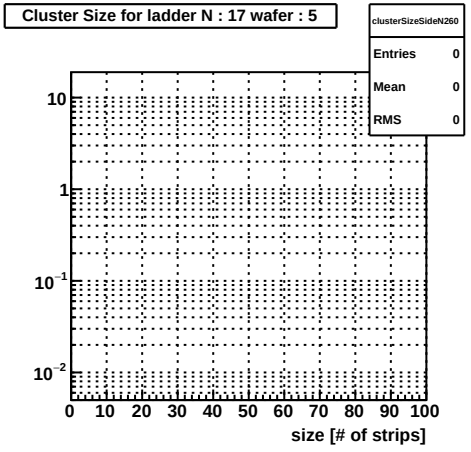

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

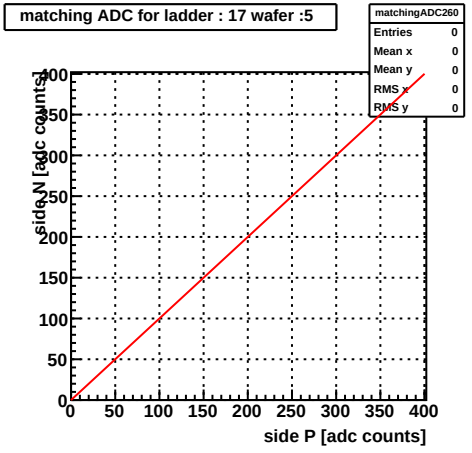

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

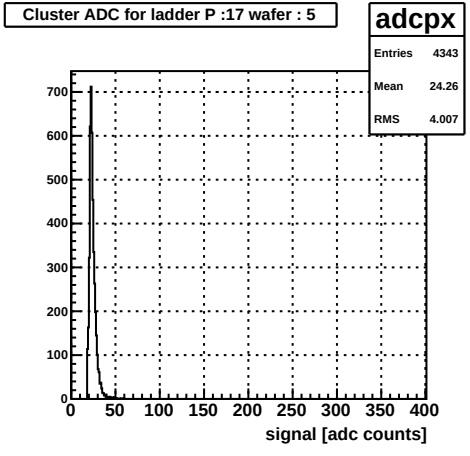

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 36186
Mean 23.11
RMS 4.811
signal [adc counts]

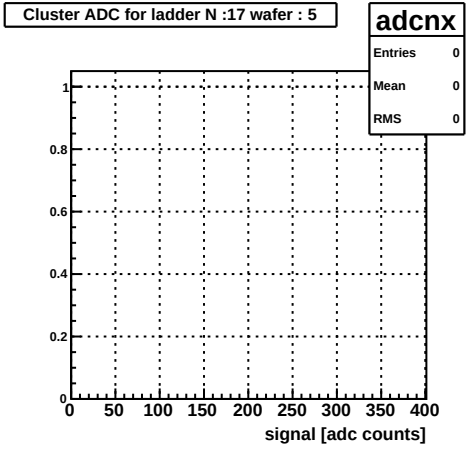

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

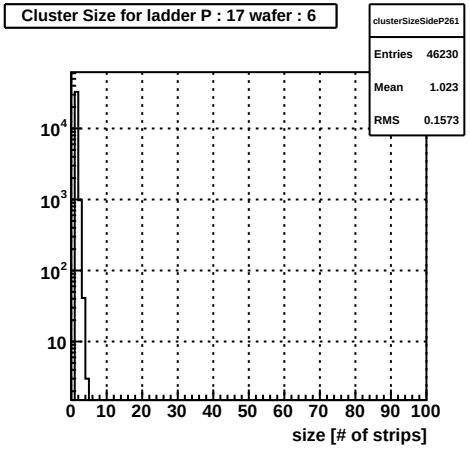

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4343
Mean 1.008
RMS 0.08813
size [# of strips]

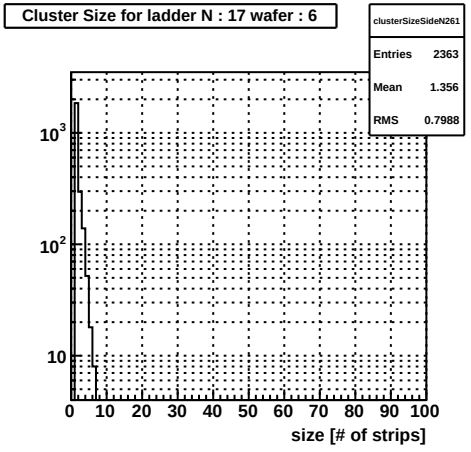

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

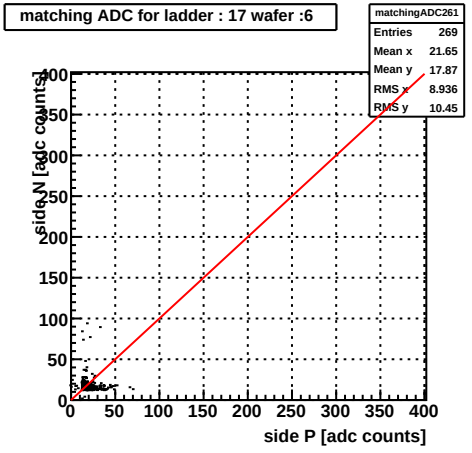

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

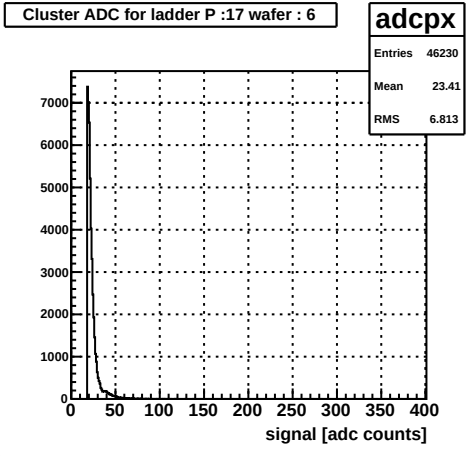

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4343
Mean 24.26
RMS 4.007
signal [adc counts]

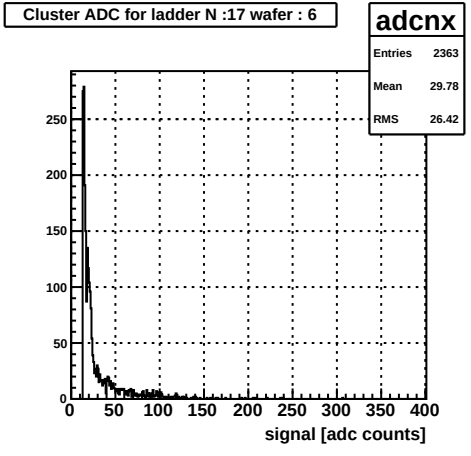

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

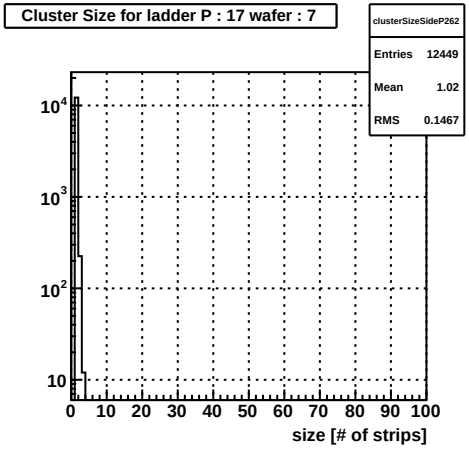

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 46230
Mean 1.023
RMS 0.1573
size [# of strips]

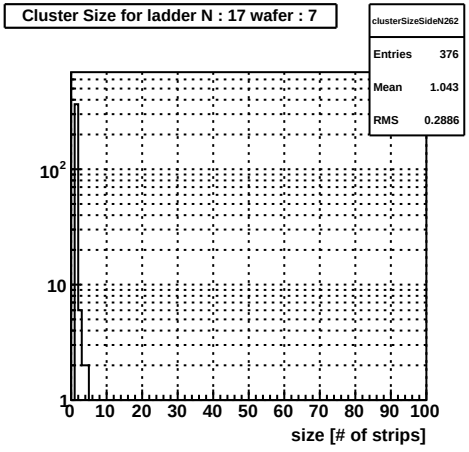

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2363
Mean 1.356
RMS 0.7988
size [# of strips]

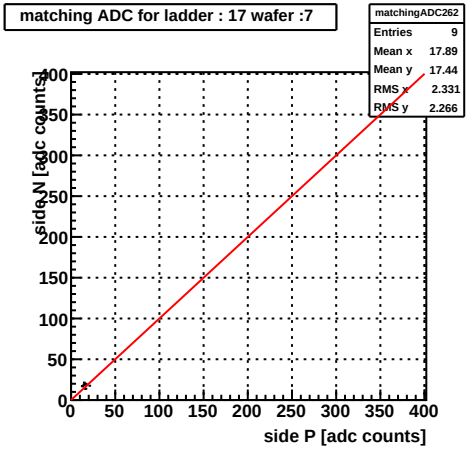

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 269
Mean x 21.65
Mean y 17.87
RMS x 8.936
RMS y 10.45
side N [adc counts]
side P [adc counts]

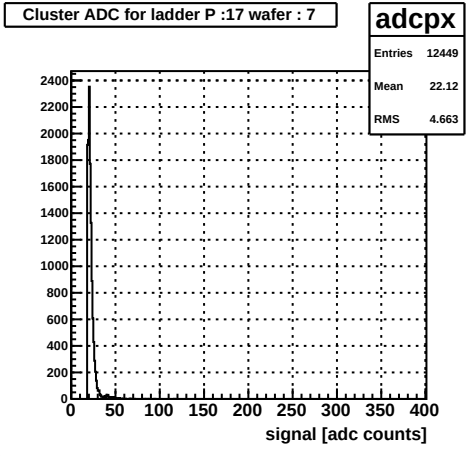

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 46230
Mean 23.41
RMS 6.813
signal [adc counts]

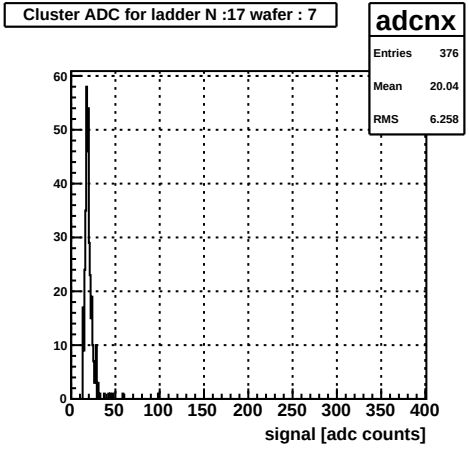

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2363
Mean 29.78
RMS 26.42
signal [adc counts]

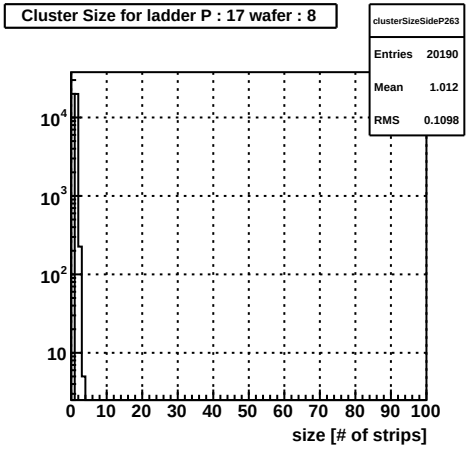

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12449
Mean 1.02
RMS 0.1467
size [# of strips]

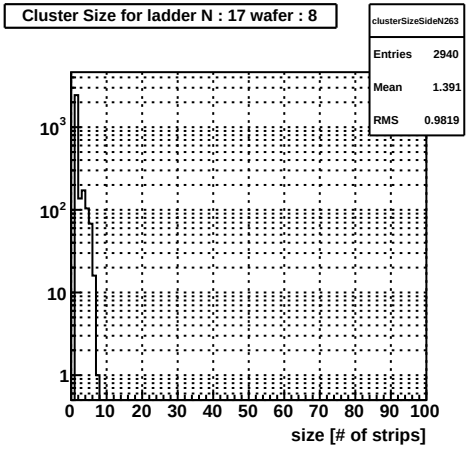

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 376
Mean 1.043
RMS 0.2886
size [# of strips]

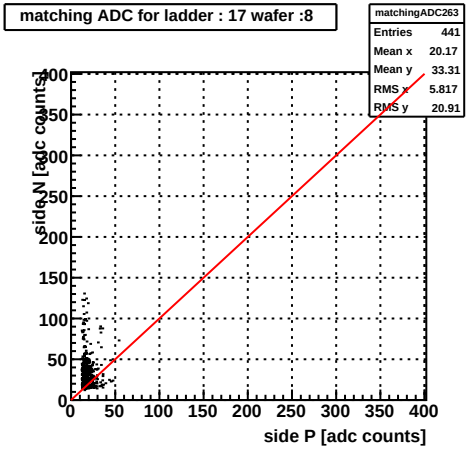

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 9
Mean x 17.89
Mean y 17.44
RMS x 2.331
RMS y 2.266
side N [adc counts]
side P [adc counts]

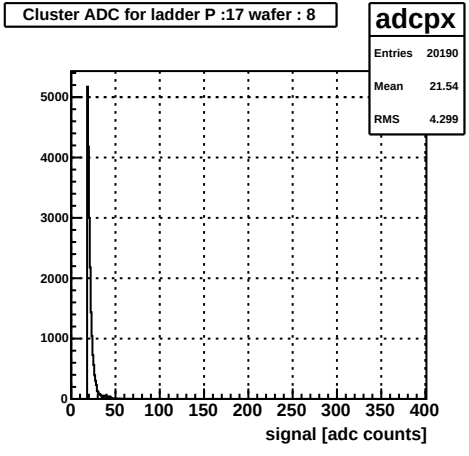

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12449
Mean 22.12
RMS 4.663
signal [adc counts]

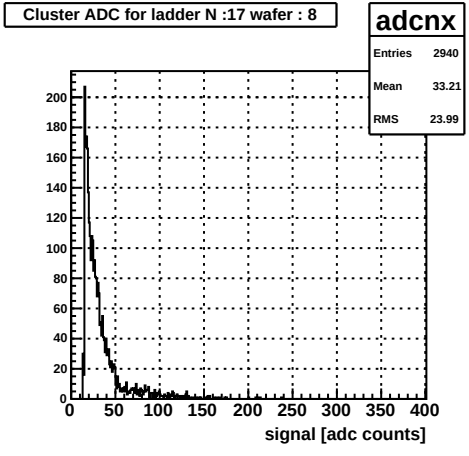

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 376
Mean 20.04
RMS 6.258
signal [adc counts]

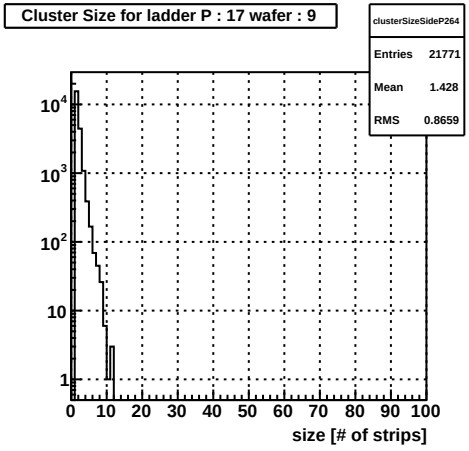

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 20190
Mean 1.012
RMS 0.1098
size [# of strips]

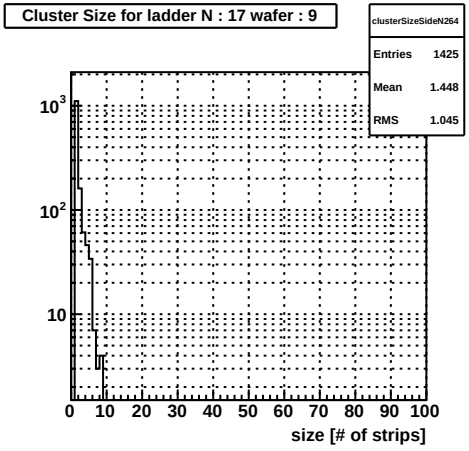

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2940
Mean 1.391
RMS 0.9819
size [# of strips]

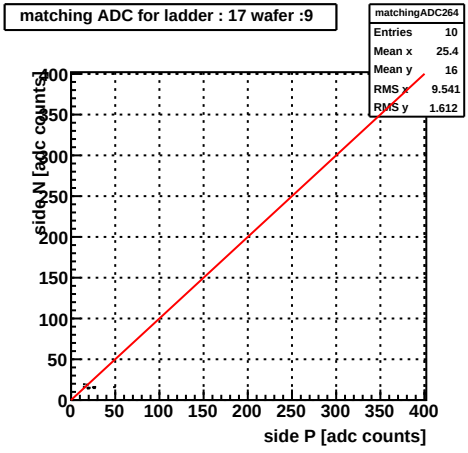

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 441
Mean x 20.17
Mean y 33.31
RMS x 5.817
RMS y 20.91
side N [adc counts]
side P [adc counts]

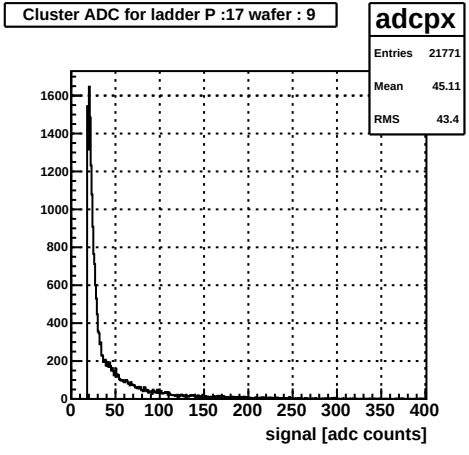

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 20190
Mean 21.54
RMS 4.299
signal [adc counts]

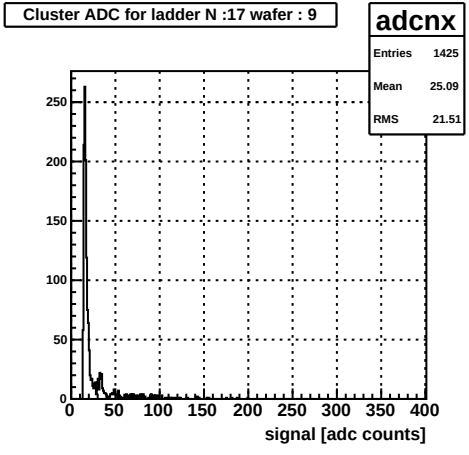

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2940
Mean 33.21
RMS 23.99
signal [adc counts]

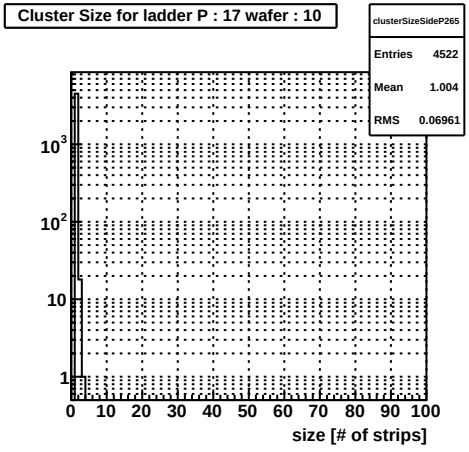

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 21771
Mean 1.428
RMS 0.8659
size [# of strips]

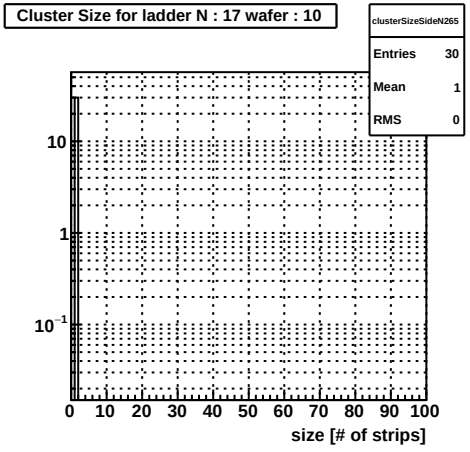

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1425
Mean 1.448
RMS 1.045
size [# of strips]

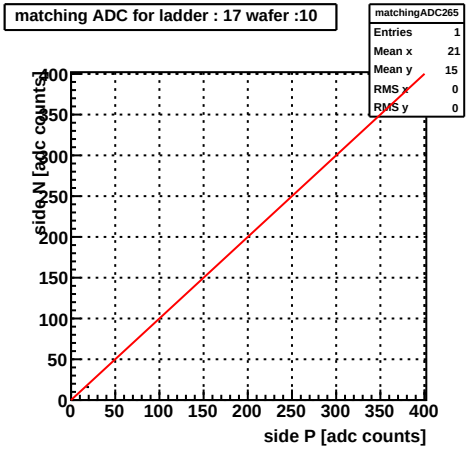

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 10
Mean x 25.4
Mean y 16
RMS x 9.541
RMS y 1.612
side N [adc counts]
side P [adc counts]

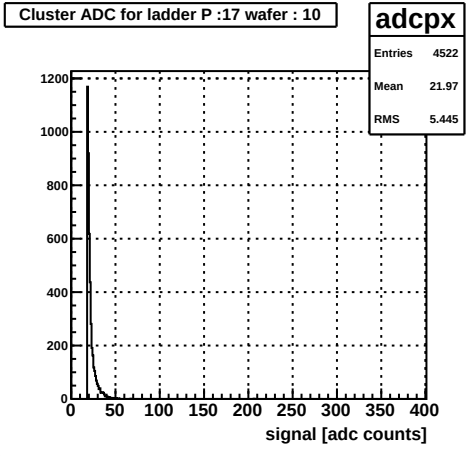

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 21771
Mean 45.11
RMS 43.4
signal [adc counts]

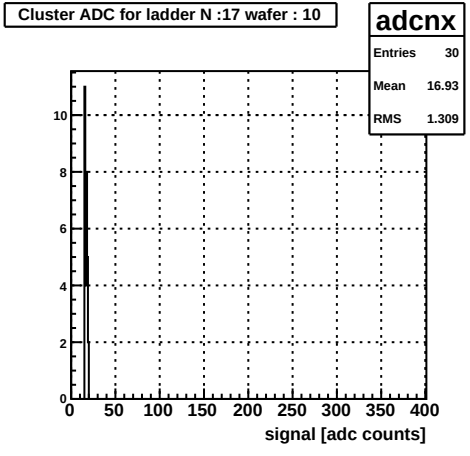

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1425
Mean 25.09
RMS 21.51
signal [adc counts]

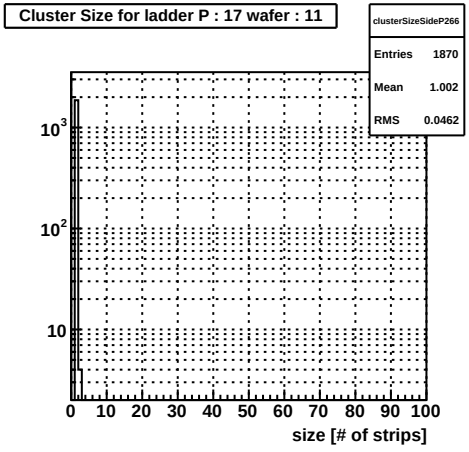

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4522
Mean 1.004
RMS 0.06961
size [# of strips]

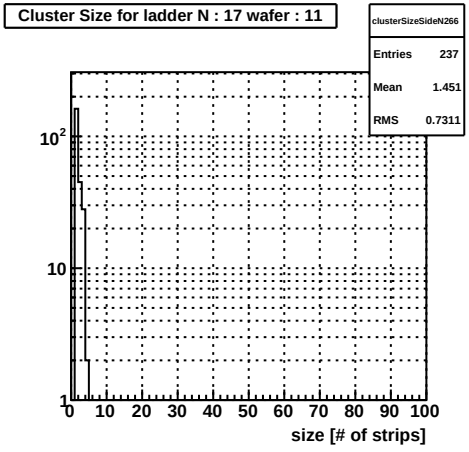

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 30
Mean 1
RMS 0
size [# of strips]

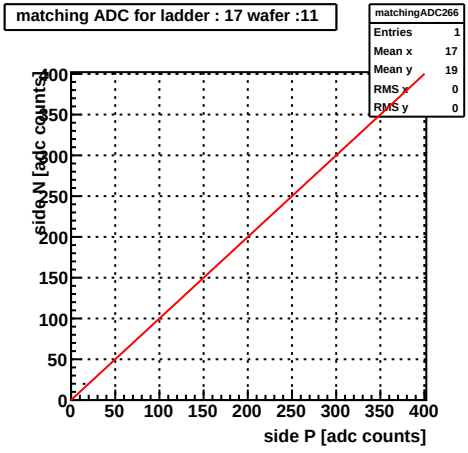

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

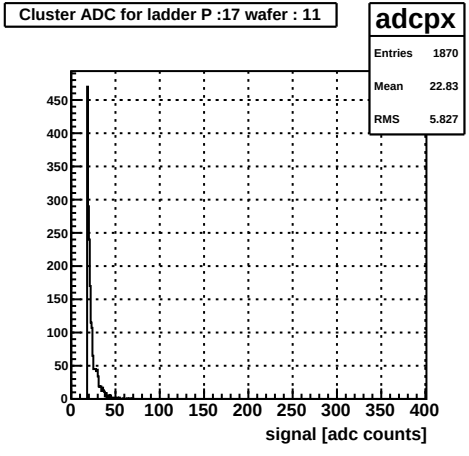

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4522
Mean 21.97
RMS 5.445
signal [adc counts]

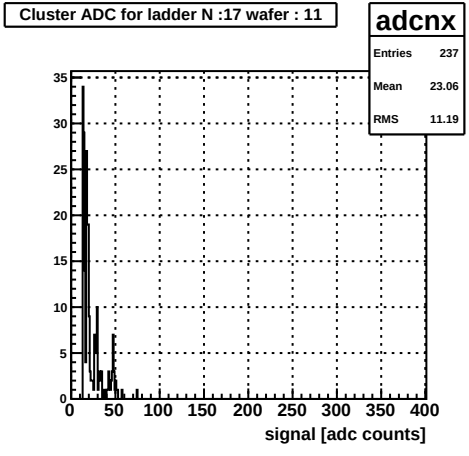

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 30
Mean 16.93
RMS 1.309
signal [adc counts]

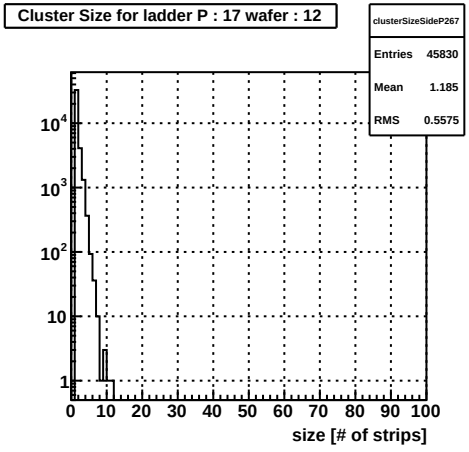

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1870
Mean 1.002
RMS 0.0462
size [# of strips]

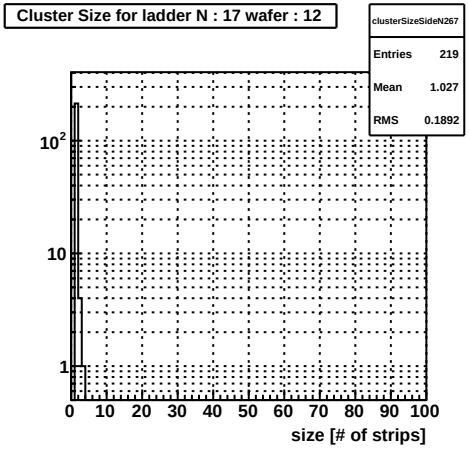

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 237
Mean 1.451
RMS 0.7311
size [# of strips]

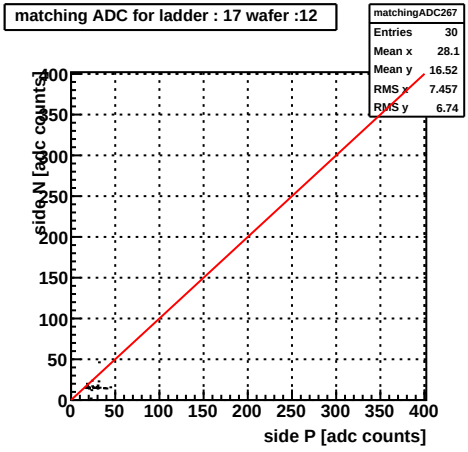

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 1
Mean x 17
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

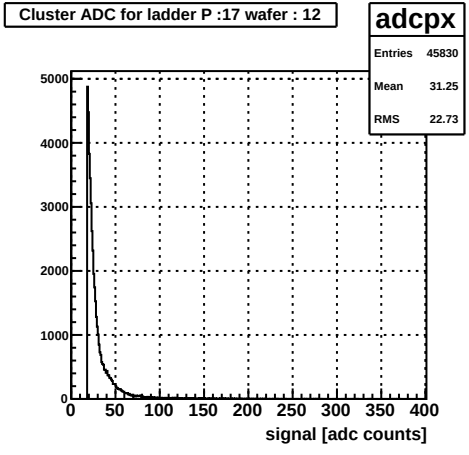

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1870
Mean 22.83
RMS 5.827
signal [adc counts]

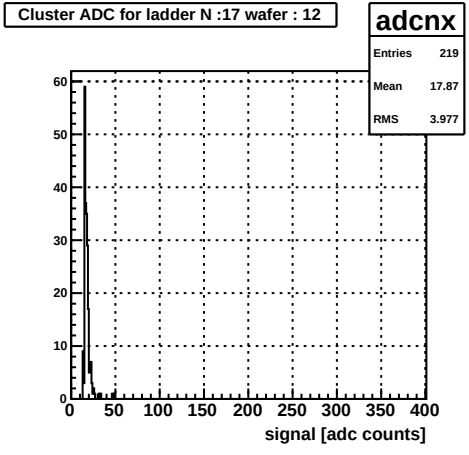

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 237
Mean 23.06
RMS 11.19
signal [adc counts]

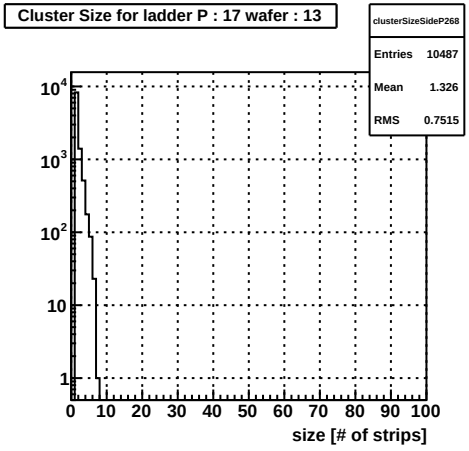

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 45830
Mean 1.185
RMS 0.5575
size [# of strips]

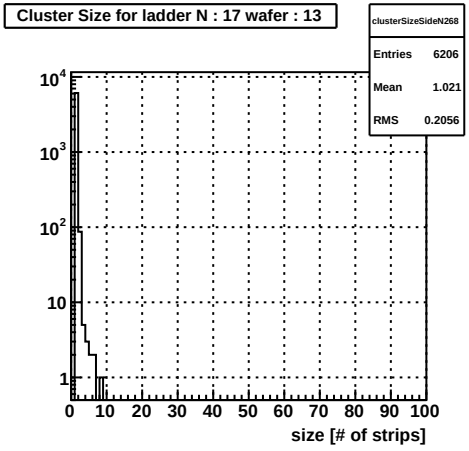

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 219
Mean 1.027
RMS 0.1892
size [# of strips]

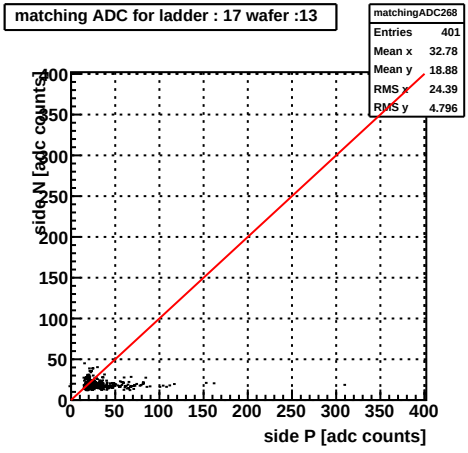

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 30
Mean x 28.1
Mean y 16.52
RMS x 7.457
RMS y 6.74
side N [adc counts]
side P [adc counts]

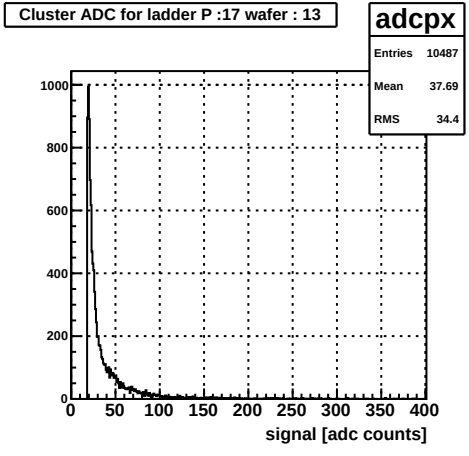

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 45830
Mean 31.25
RMS 22.73
signal [adc counts]

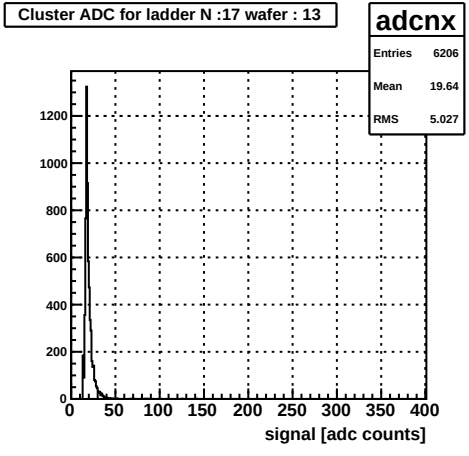

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 219
Mean 17.87
RMS 3.977
signal [adc counts]

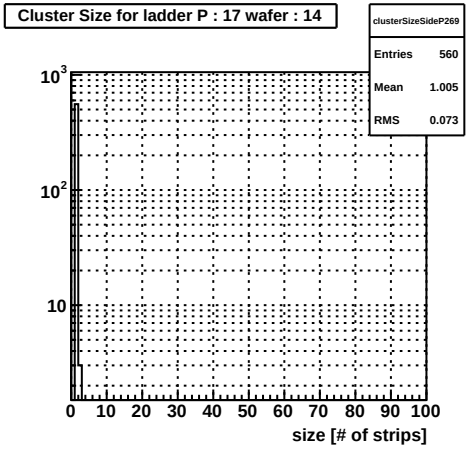

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 10487
Mean 1.326
RMS 0.7515
size [# of strips]

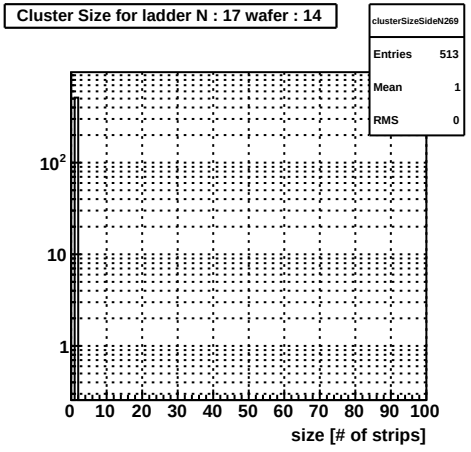

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6206
Mean 1.021
RMS 0.2056
size [# of strips]

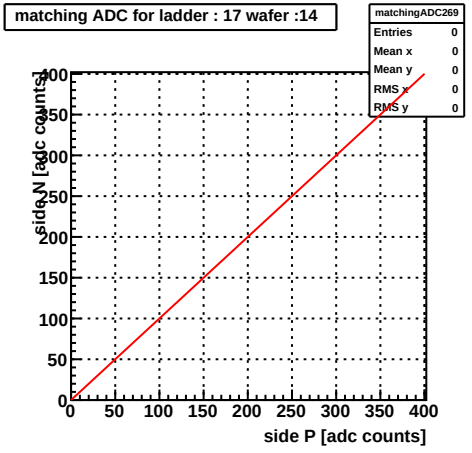

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 401
Mean x 32.78
Mean y 18.88
RMS x 24.39
RMS y 4.796
side N [adc counts]
side P [adc counts]

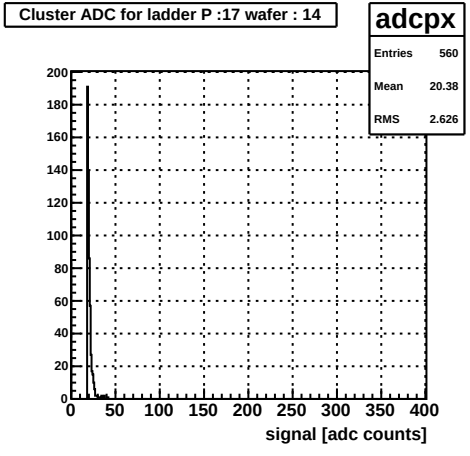

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 10487
Mean 37.69
RMS 34.4
signal [adc counts]

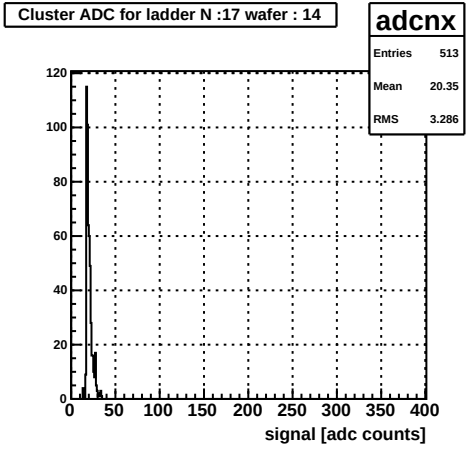

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6206
Mean 19.64
RMS 5.027
signal [adc counts]

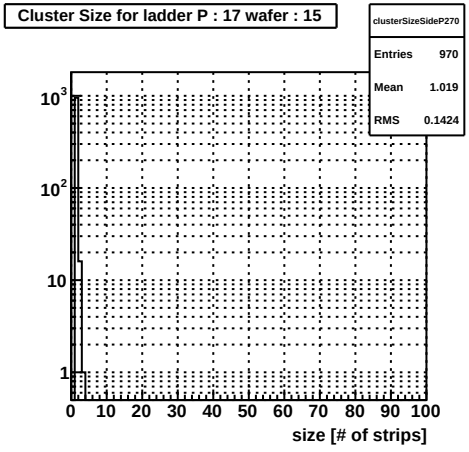

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 560
Mean 1.005
RMS 0.073
size [# of strips]

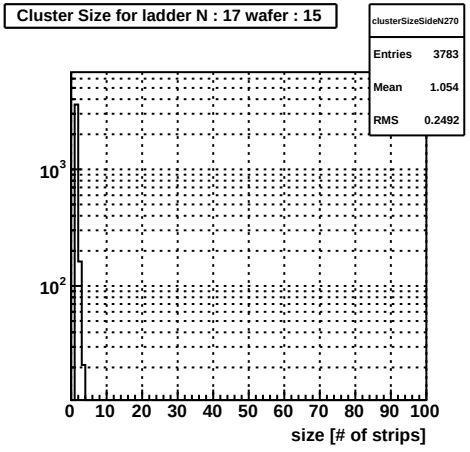

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 513
Mean 1
RMS 0
size [# of strips]

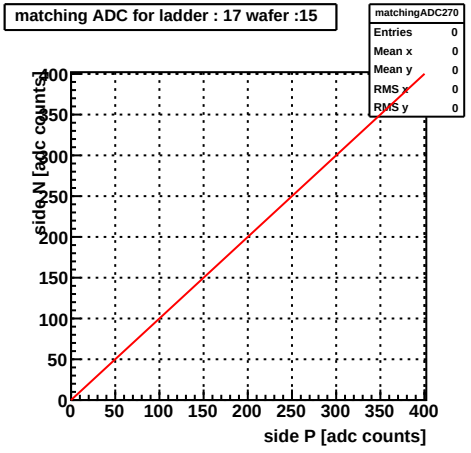

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

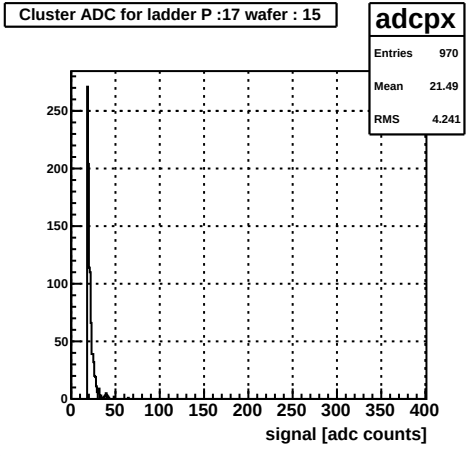

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 560
Mean 20.38
RMS 2.626
signal [adc counts]

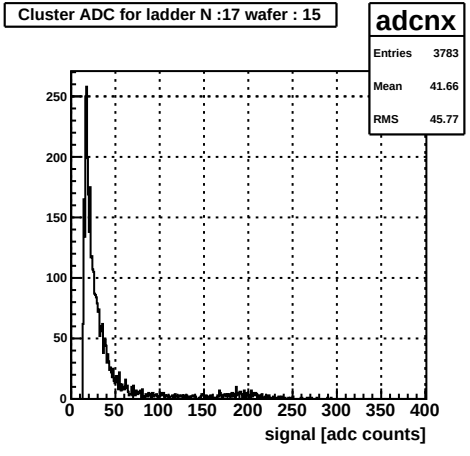

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 513
Mean 20.35
RMS 3.286
signal [adc counts]

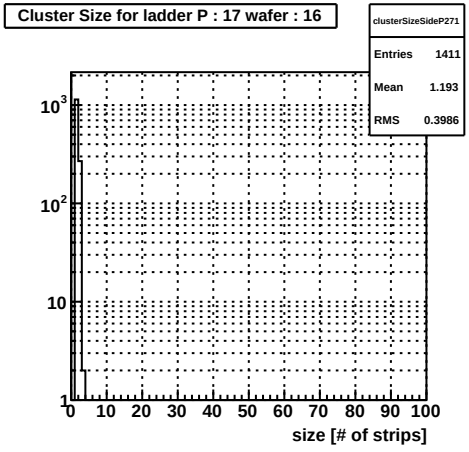

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 970
Mean 1.019
RMS 0.1424
size [# of strips]

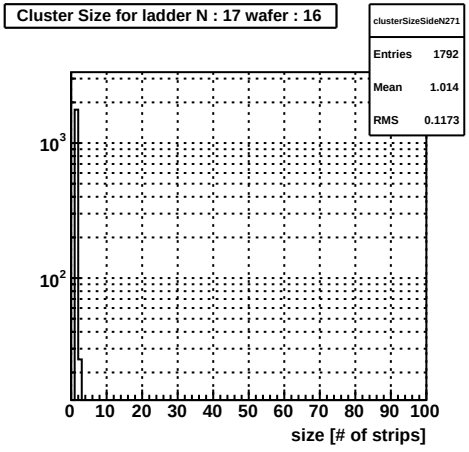

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3783
Mean 1.054
RMS 0.2492
size [# of strips]

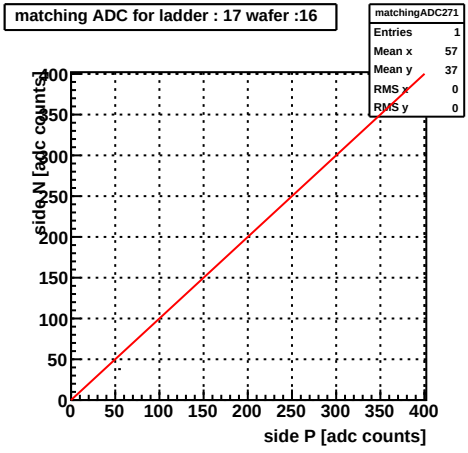

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

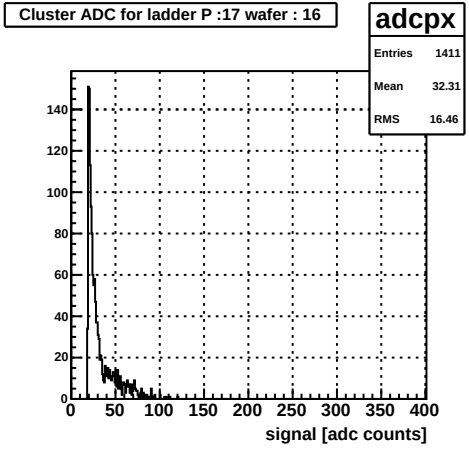

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 970
Mean 21.49
RMS 4.241
signal [adc counts]

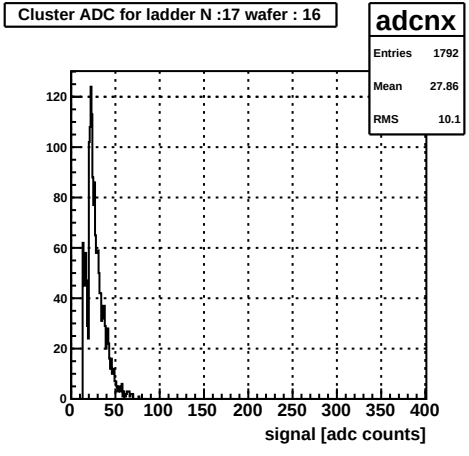

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3783
Mean 41.66
RMS 45.77
signal [adc counts]

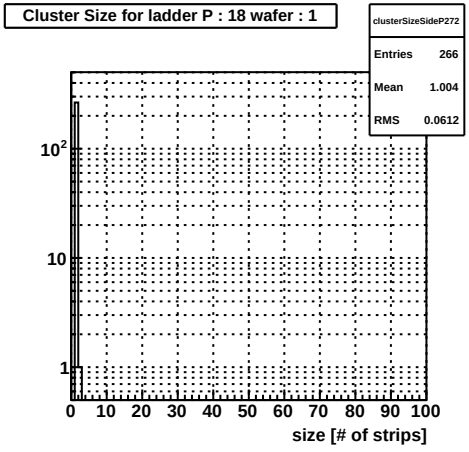

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1411
Mean 1.193
RMS 0.3986
size [# of strips]

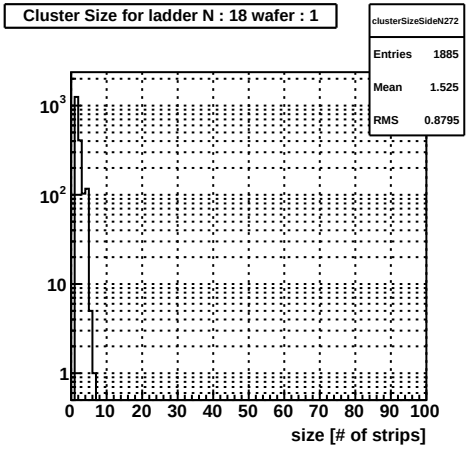

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1792
Mean 1.014
RMS 0.1173
size [# of strips]

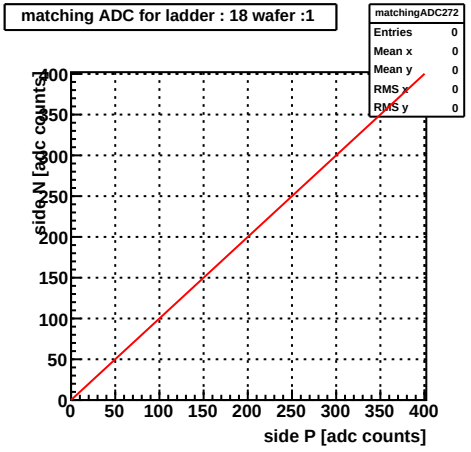

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1
Mean x 57
Mean y 37
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

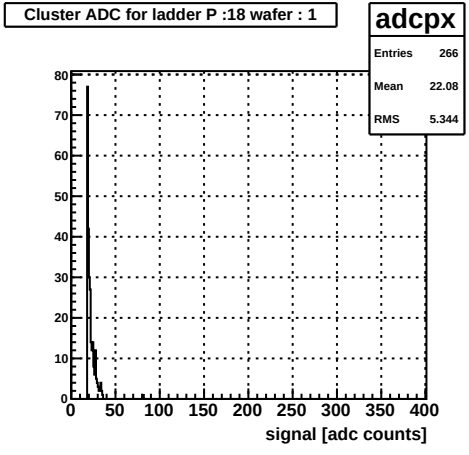

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1411
Mean 32.31
RMS 16.46
signal [adc counts]

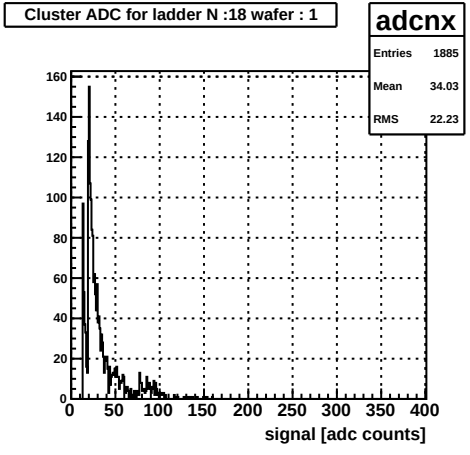

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1792
Mean 27.86
RMS 10.1
signal [adc counts]

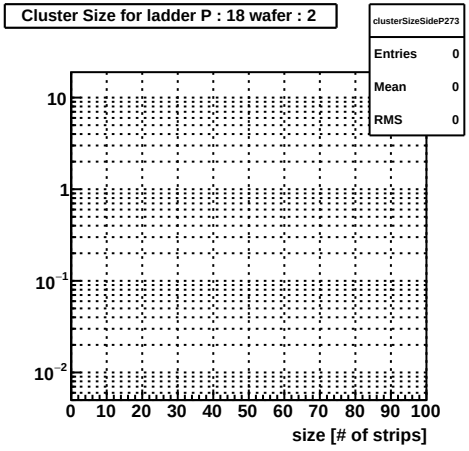

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 266
Mean 1.004
RMS 0.0612
size [# of strips]

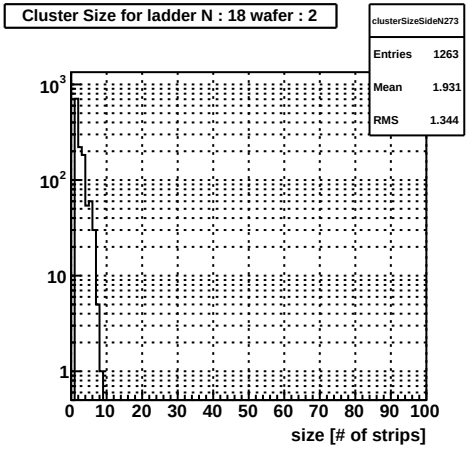

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1885
Mean 1.525
RMS 0.8795
size [# of strips]

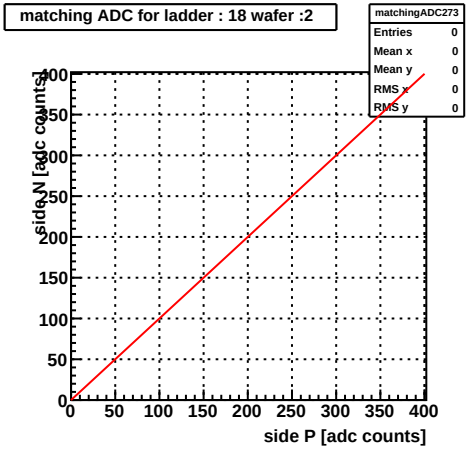

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

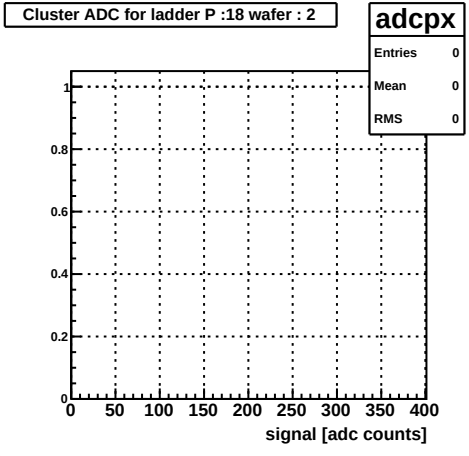

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 266
Mean 22.08
RMS 5.344
signal [adc counts]

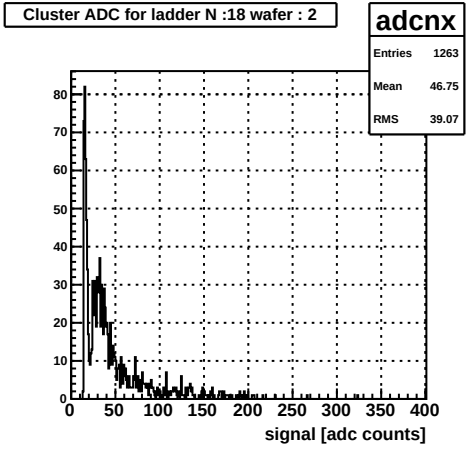

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1885
Mean 34.03
RMS 22.23
signal [adc counts]

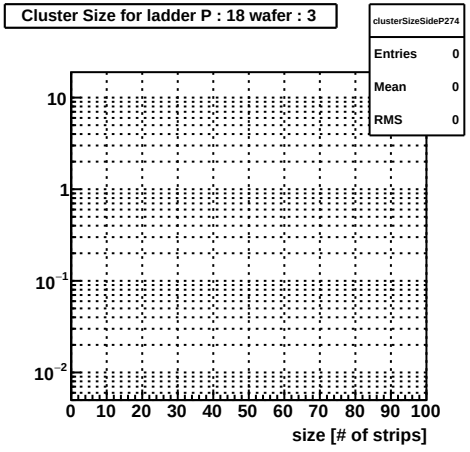

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

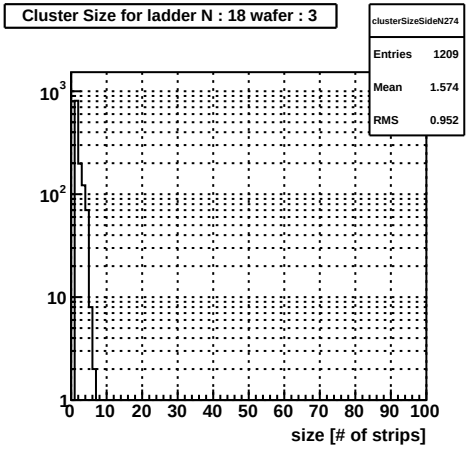

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1263
Mean 1.931
RMS 1.344
size [# of strips]

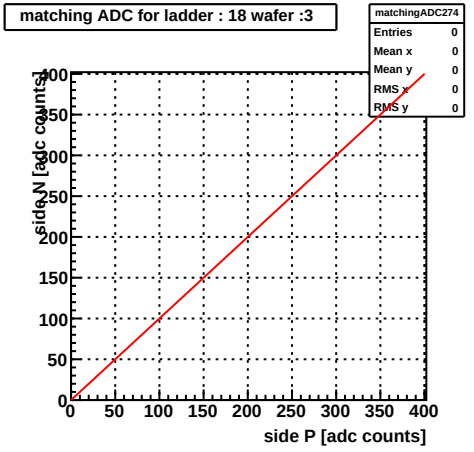

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

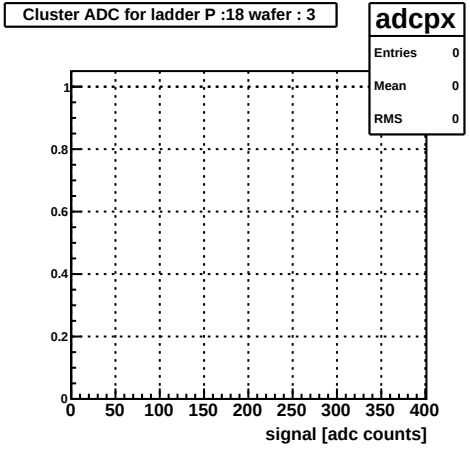

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

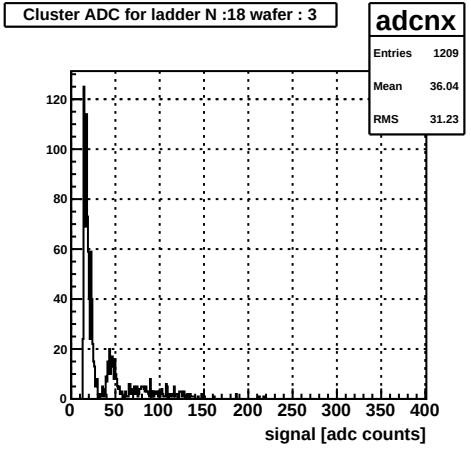

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1263
Mean 46.75
RMS 39.07
signal [adc counts]

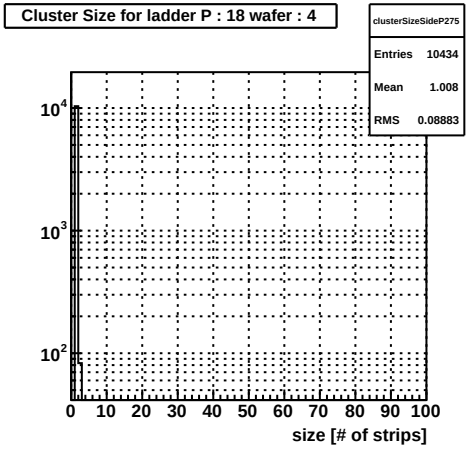

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

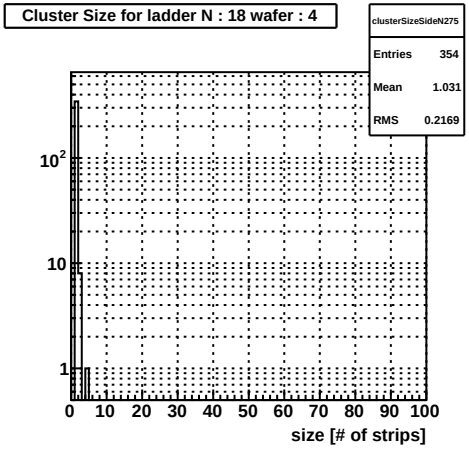

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1209
Mean 1.574
RMS 0.952
size [# of strips]

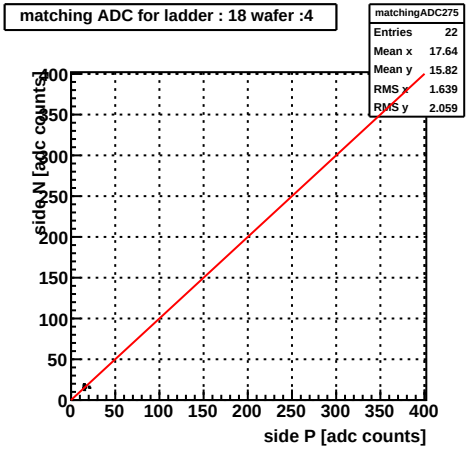

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

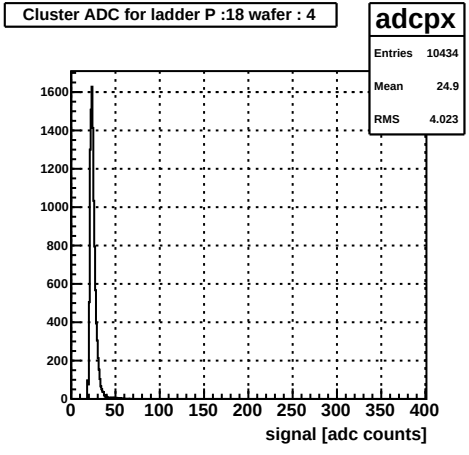

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

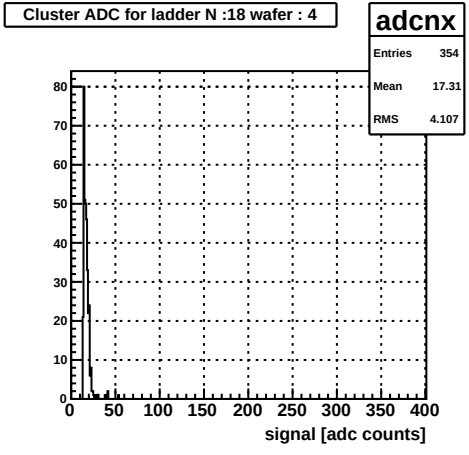

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1209
Mean 36.04
RMS 31.23
signal [adc counts]

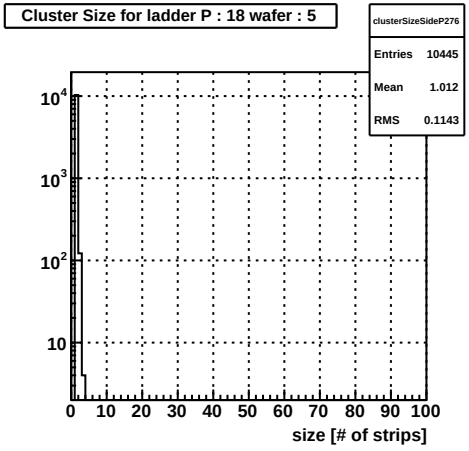

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 10434
Mean 1.008
RMS 0.08883
size [# of strips]

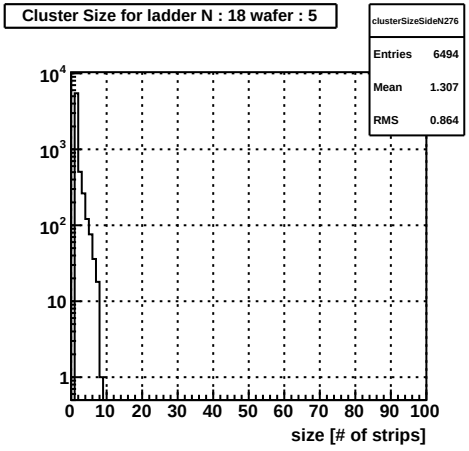

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 354
Mean 1.031
RMS 0.2169
size [# of strips]

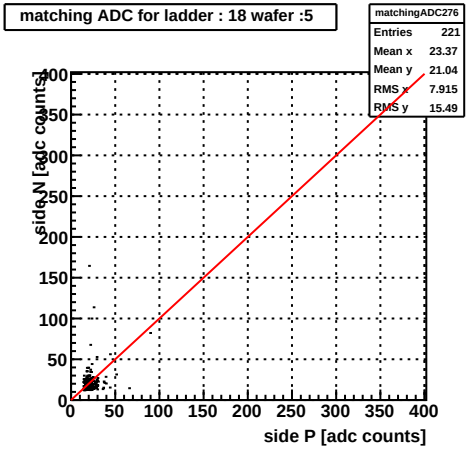

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 22
Mean x 17.64
Mean y 15.82
RMS x 1.639
RMS y 2.059
side N [adc counts]
side P [adc counts]

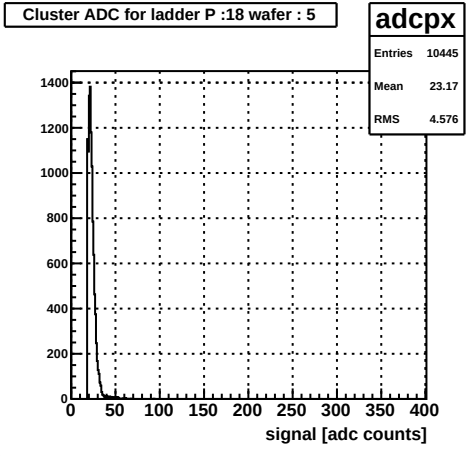

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 10434
Mean 24.9
RMS 4.023
signal [adc counts]

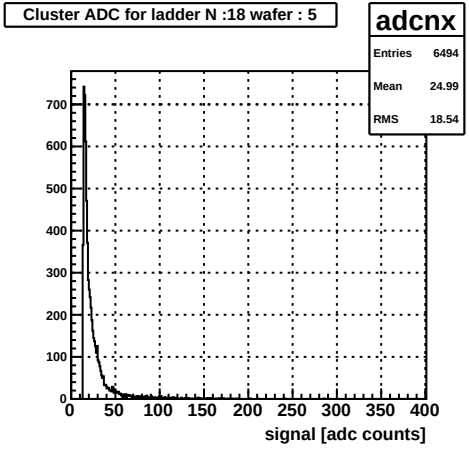

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 354
Mean 17.31
RMS 4.107
signal [adc counts]

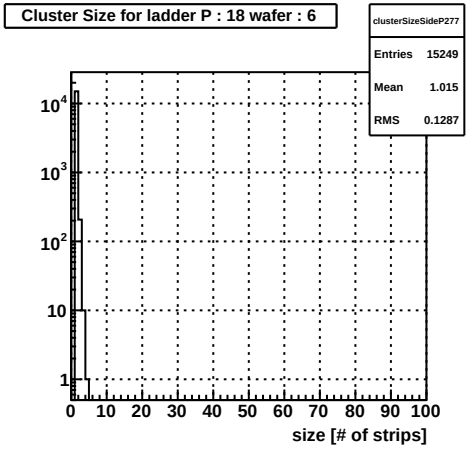

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10445
Mean 1.012
RMS 0.1143
size [# of strips]

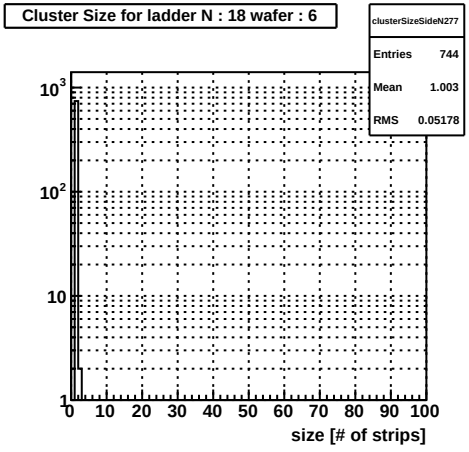

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6494
Mean 1.307
RMS 0.864
size [# of strips]

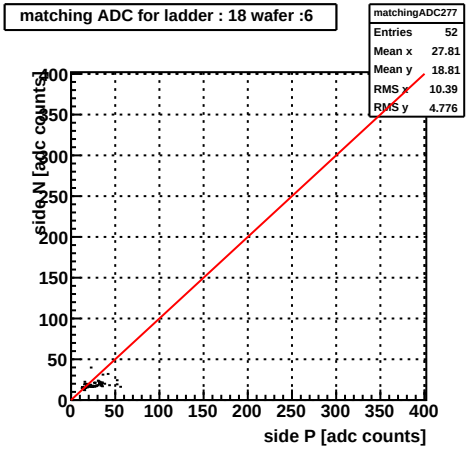

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 221
Mean x 23.37
Mean y 21.04
RMS x 7.915
RMS y 15.49
side N [adc counts]
side P [adc counts]

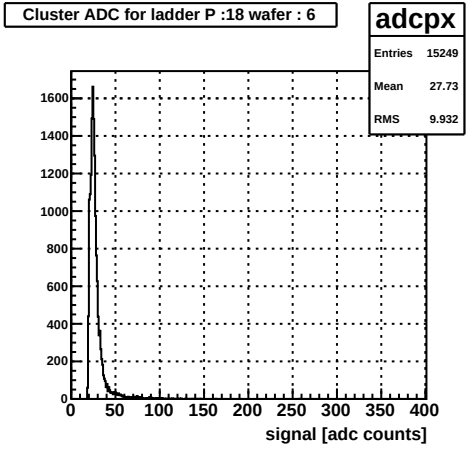

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10445
Mean 23.17
RMS 4.576
signal [adc counts]

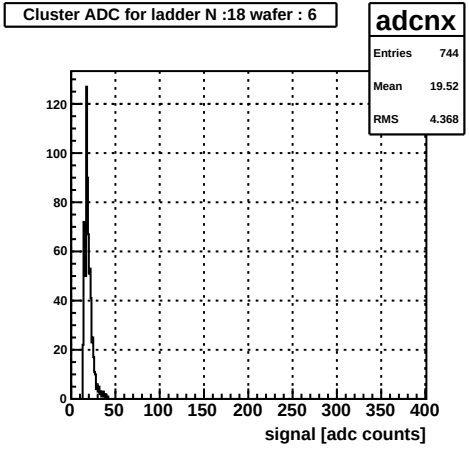

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6494
Mean 24.99
RMS 18.54
signal [adc counts]

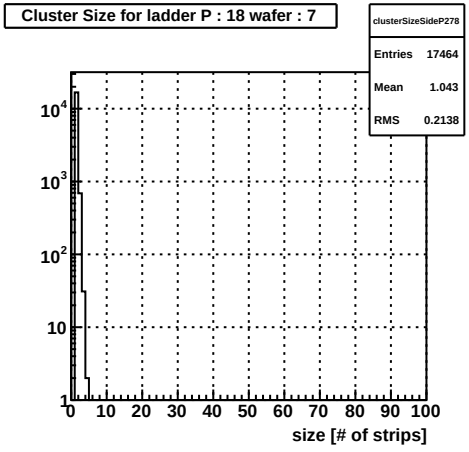

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 15249
Mean 1.015
RMS 0.1287
size [# of strips]

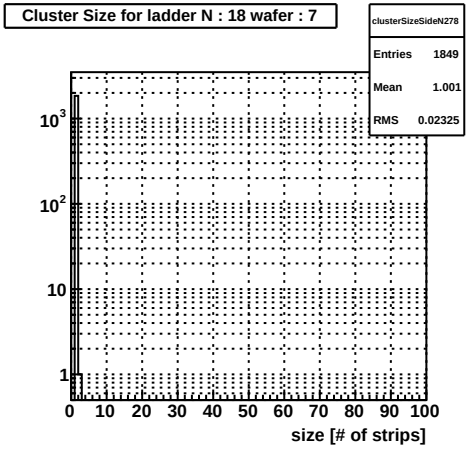

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 744
Mean 1.003
RMS 0.05178
size [# of strips]

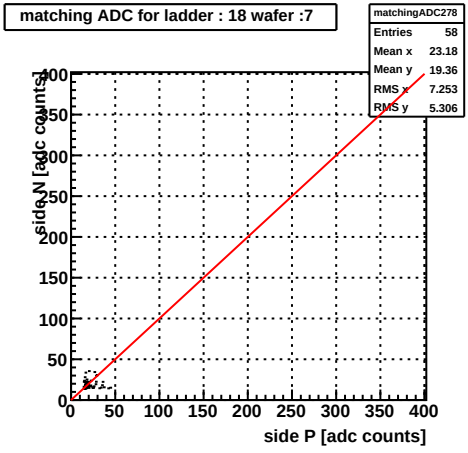

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 52
Mean x 27.81
Mean y 18.81
RMS x 10.39
RMS y 4.776
side N [adc counts]
side P [adc counts]

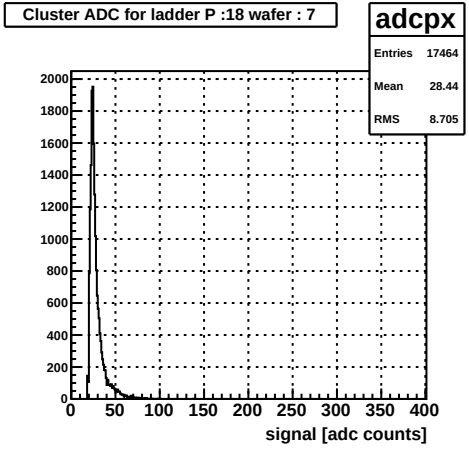

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 15249
Mean 27.73
RMS 9.932
signal [adc counts]

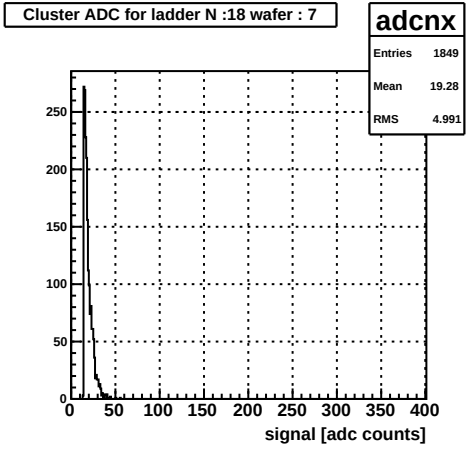

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 744
Mean 19.52
RMS 4.368
signal [adc counts]

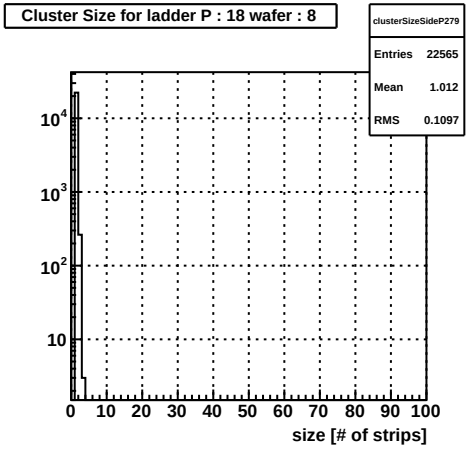

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 17464
Mean 1.043
RMS 0.2138
size [# of strips]

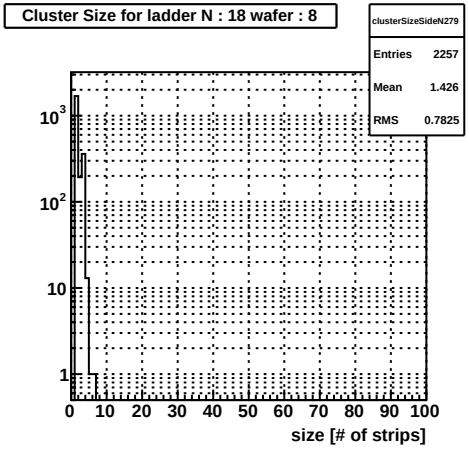

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1849
Mean 1.001
RMS 0.02325
size [# of strips]

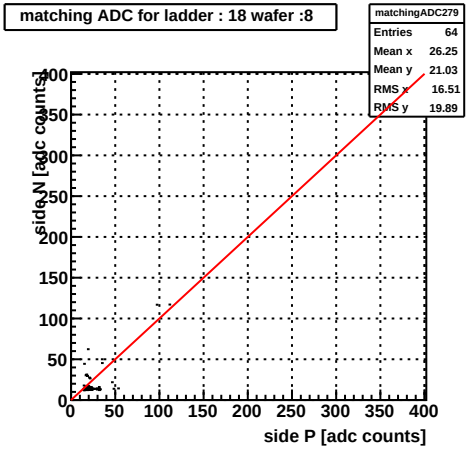

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 58
Mean x 23.18
Mean y 19.36
RMS x 7.253
RMS y 5.306
side N [adc counts]
side P [adc counts]

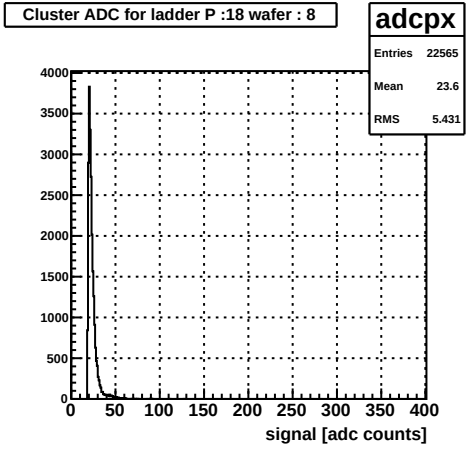

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 17464
Mean 28.44
RMS 8.705
signal [adc counts]

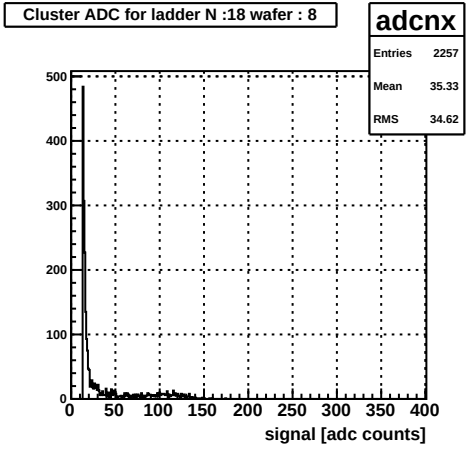

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1849
Mean 19.28
RMS 4.991
signal [adc counts]

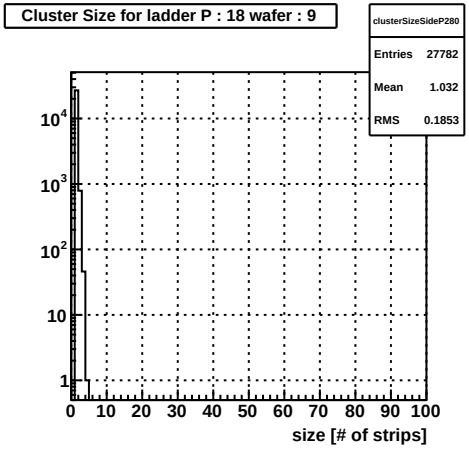

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 22565
Mean 1.012
RMS 0.1097
size [# of strips]

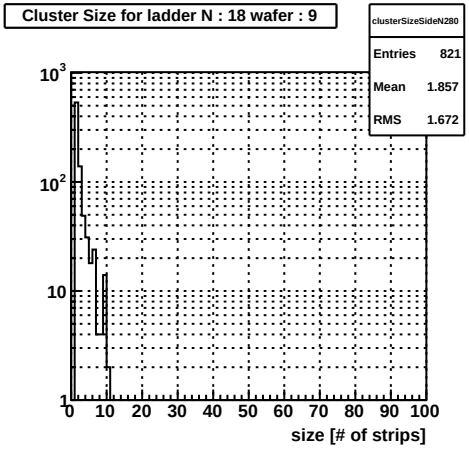

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2257
Mean 1.426
RMS 0.7825
size [# of strips]

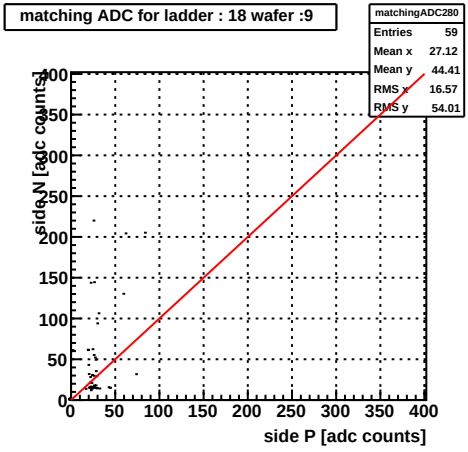

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 64
Mean x 26.25
Mean y 21.03
RMS x 16.51
RMS y 19.89
side N [adc counts]
side P [adc counts]

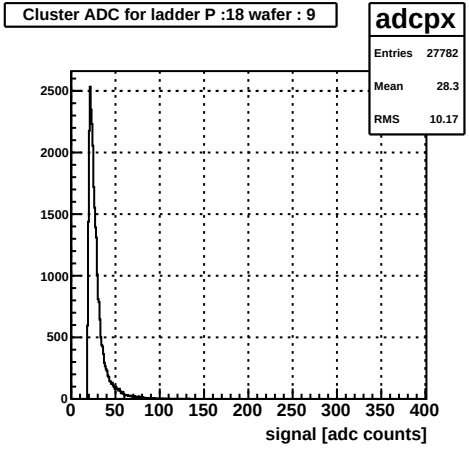

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 22565
Mean 23.6
RMS 5.431
signal [adc counts]

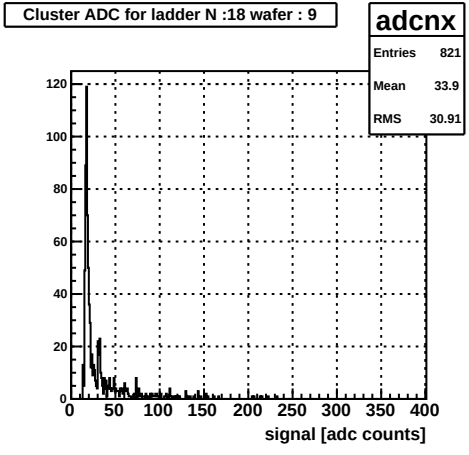

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2257
Mean 35.33
RMS 34.62
signal [adc counts]

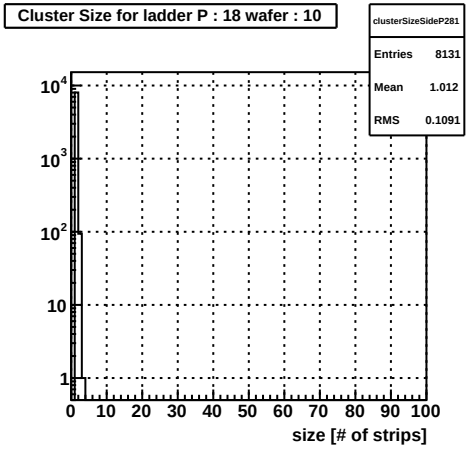

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 27782
Mean 1.032
RMS 0.1853
size [# of strips]

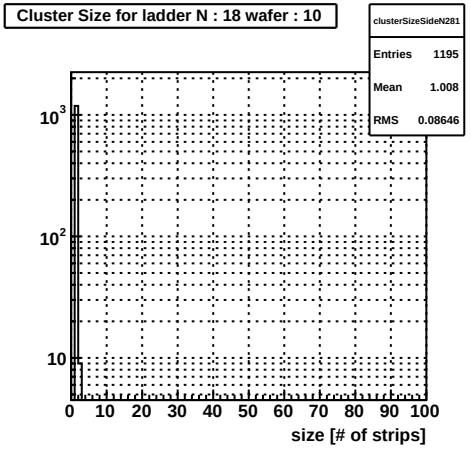

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 821
Mean 1.857
RMS 1.672
size [# of strips]

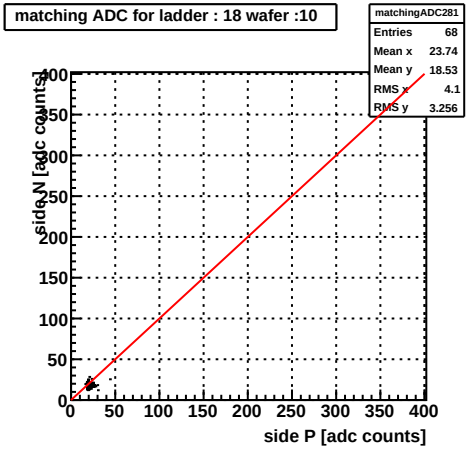

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 59
Mean x 27.12
Mean y 44.41
RMS x 16.57
RMS y 54.01
side N [adc counts]
side P [adc counts]

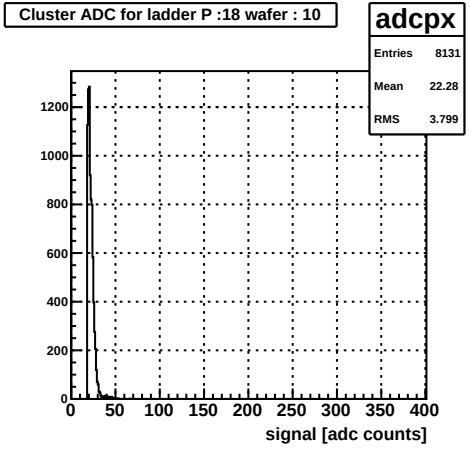

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 27782
Mean 28.3
RMS 10.17
signal [adc counts]

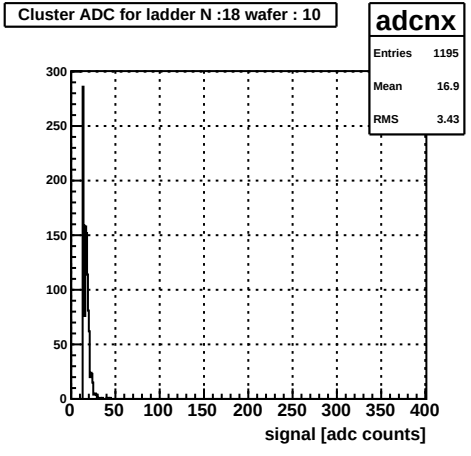

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 821
Mean 33.9
RMS 30.91
signal [adc counts]

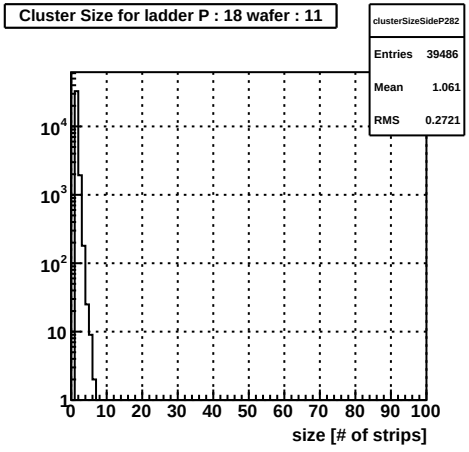

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8131
Mean 1.012
RMS 0.1091
size [# of strips]

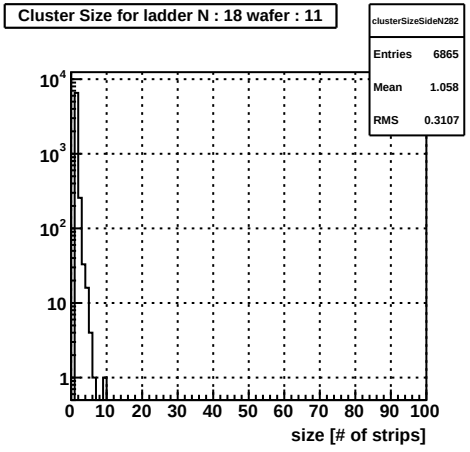

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1195
Mean 1.008
RMS 0.08646
size [# of strips]

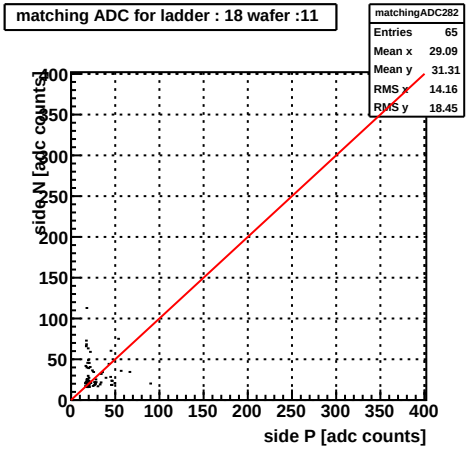

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 68
Mean x 23.74
Mean y 18.53
RMS x 4.1
RMS y 3.256
side N [adc counts]
side P [adc counts]

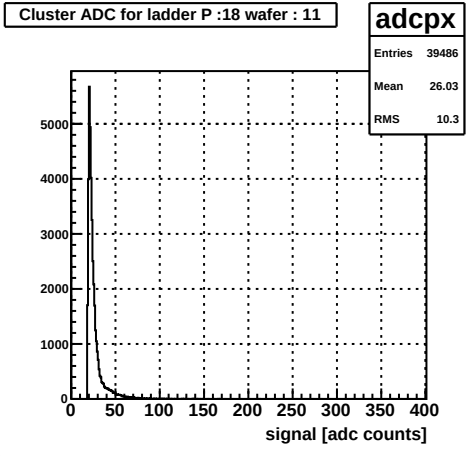

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8131
Mean 22.28
RMS 3.799
signal [adc counts]

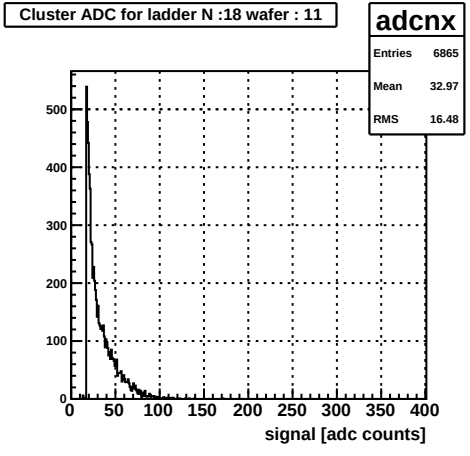

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1195
Mean 16.9
RMS 3.43
signal [adc counts]

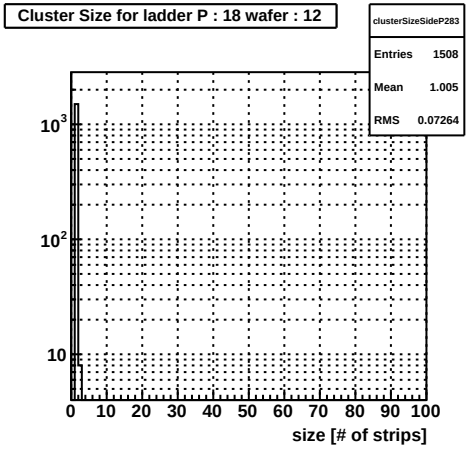

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 39486
Mean 1.061
RMS 0.2721
size [# of strips]

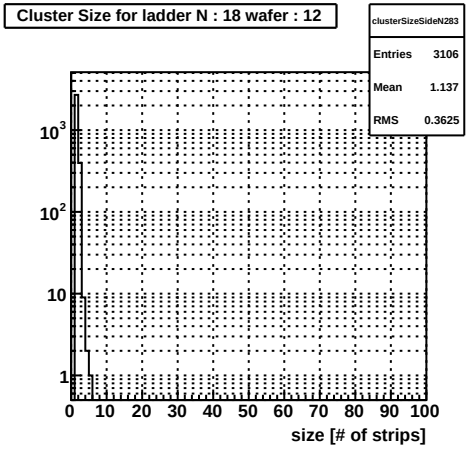

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6865
Mean 1.058
RMS 0.3107
size [# of strips]

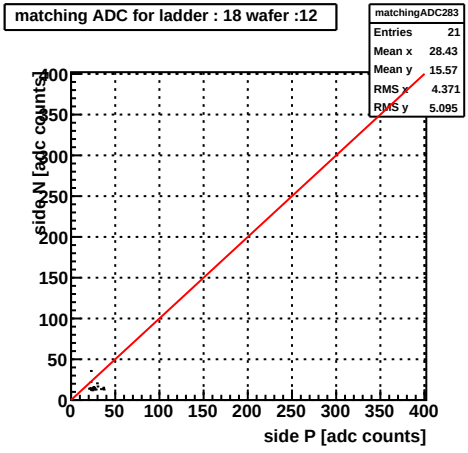

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 65
Mean x 29.09
Mean y 31.31
RMS x 14.16
RMS y 18.45
side N [adc counts]
side P [adc counts]

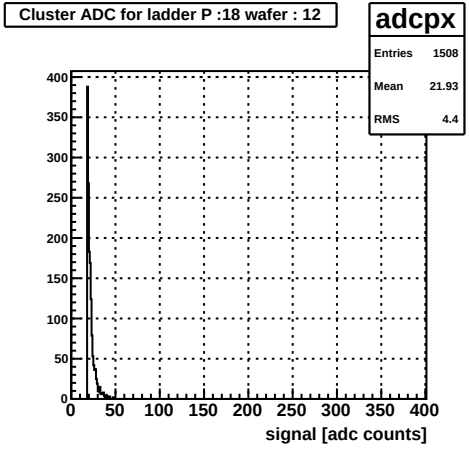

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 39486
Mean 26.03
RMS 10.3
signal [adc counts]

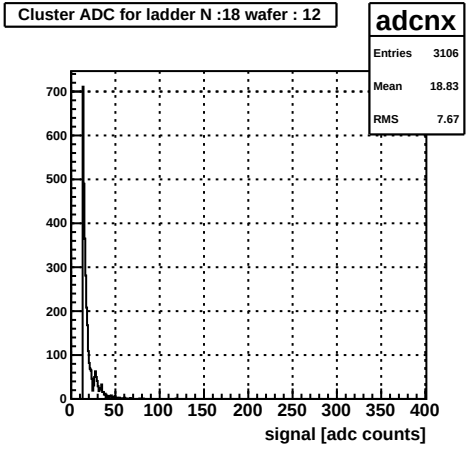

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6865
Mean 32.97
RMS 16.48
signal [adc counts]

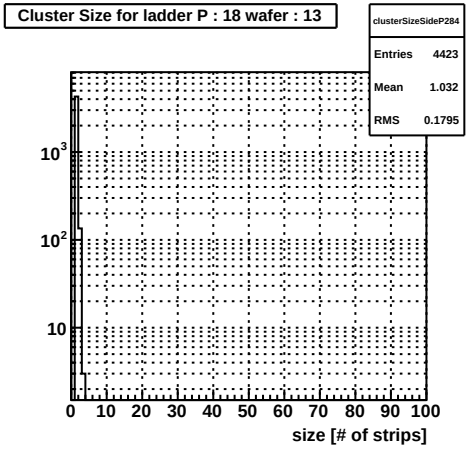

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1508
Mean 1.005
RMS 0.07264
size [# of strips]

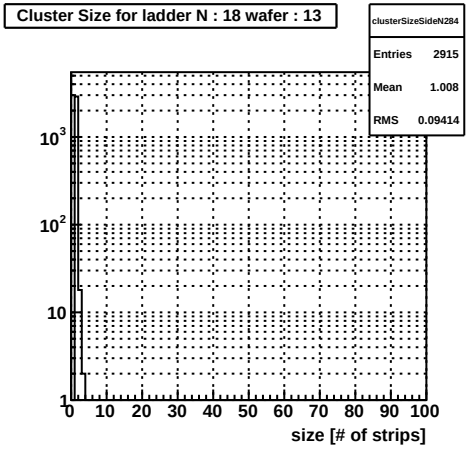

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3106
Mean 1.137
RMS 0.3625
size [# of strips]

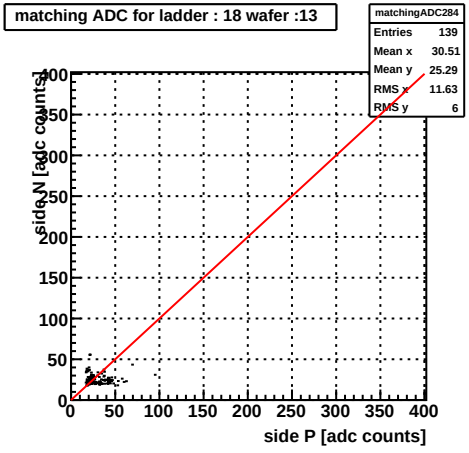

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 21
Mean x 28.43
Mean y 15.57
RMS x 4.371
RMS y 5.095
side N [adc counts]
side P [adc counts]

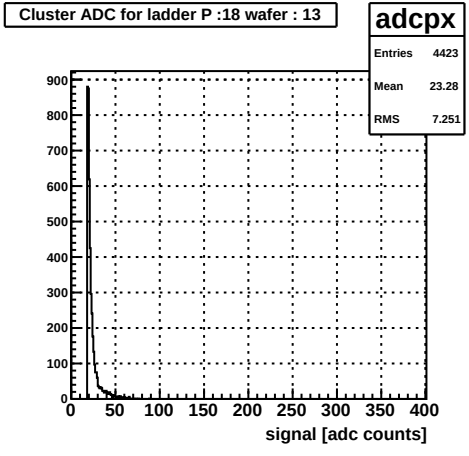

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1508
Mean 21.93
RMS 4.4
signal [adc counts]

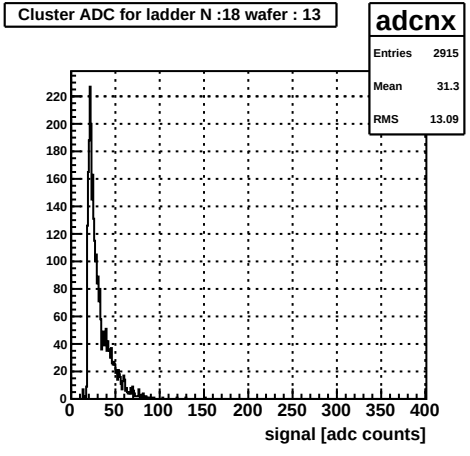

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3106
Mean 18.83
RMS 7.67
signal [adc counts]

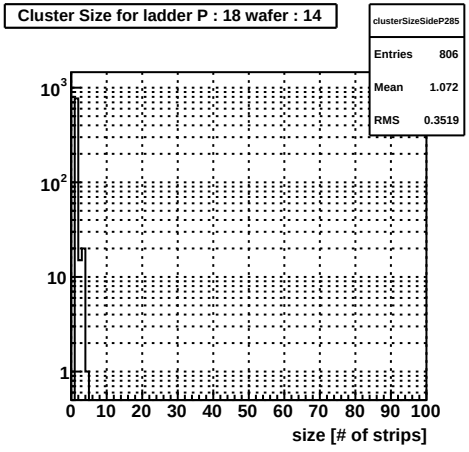

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4423
Mean 1.032
RMS 0.1795
size [# of strips]

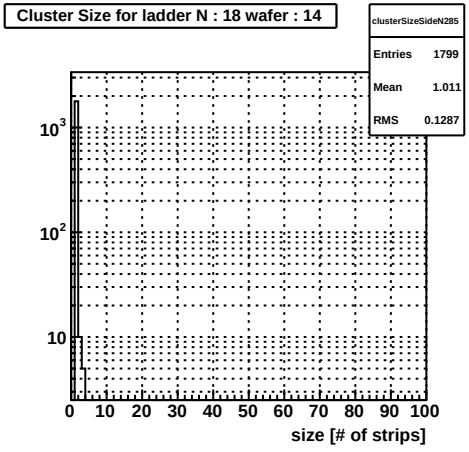

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2915
Mean 1.008
RMS 0.09414
size [# of strips]

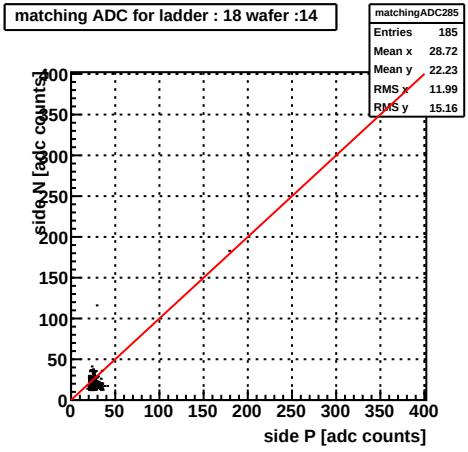

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 139
Mean x 30.51
Mean y 25.29
RMS x 11.63
RMS y 6
side N [adc counts]
side P [adc counts]

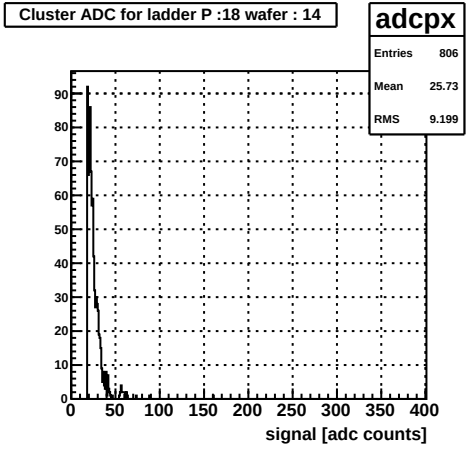

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4423
Mean 23.28
RMS 7.251
signal [adc counts]

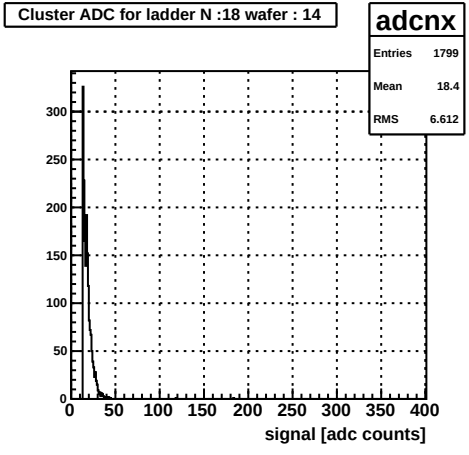

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2915
Mean 31.3
RMS 13.09
signal [adc counts]

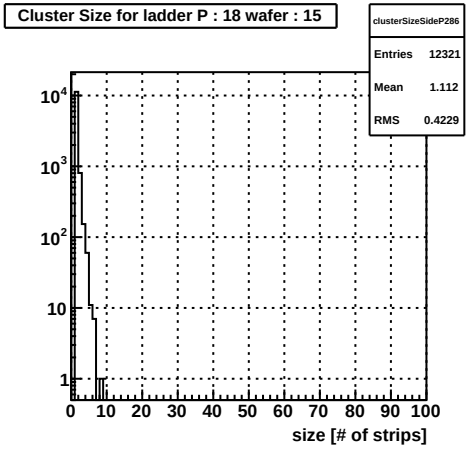

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 806
Mean 1.072
RMS 0.3519
size [# of strips]

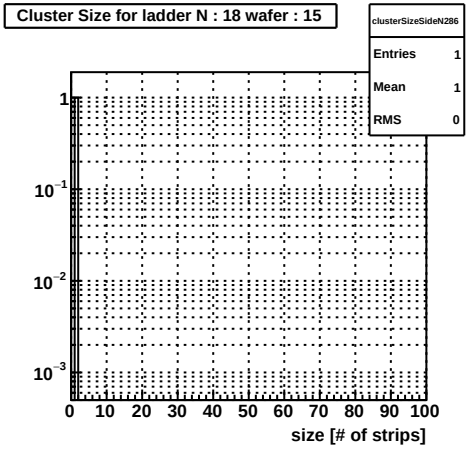

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1799
Mean 1.011
RMS 0.1287
size [# of strips]

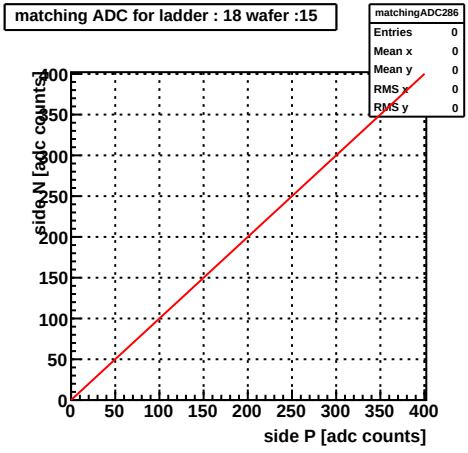

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 185
Mean x 28.72
Mean y 22.23
RMS x 11.99
RMS y 15.16
side N [adc counts]
side P [adc counts]

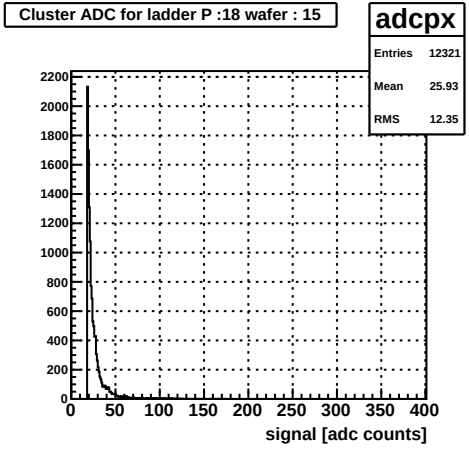

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 806
Mean 25.73
RMS 9.199
signal [adc counts]

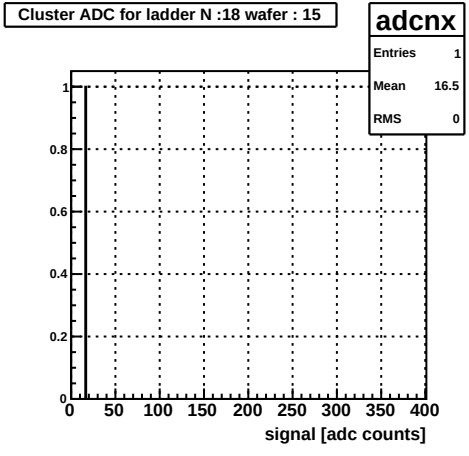

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1799
Mean 18.4
RMS 6.612
signal [adc counts]

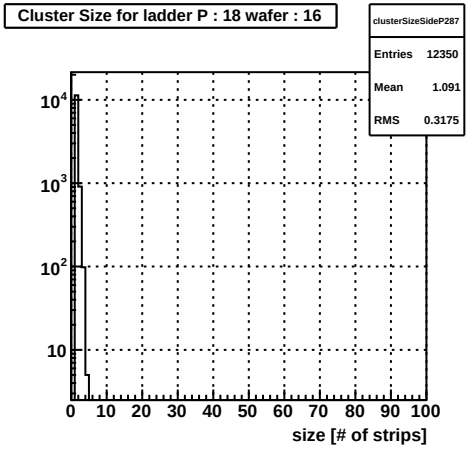

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12321
Mean 1.112
RMS 0.4229
size [# of strips]

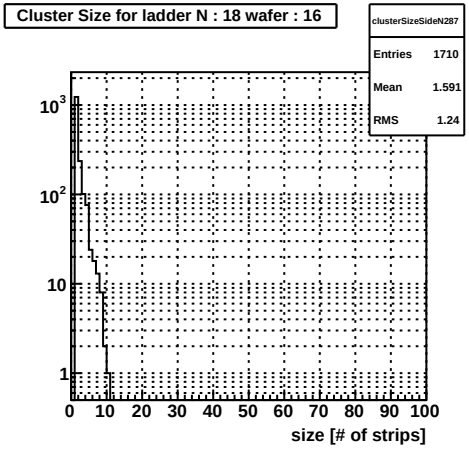

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 1
Mean 1
RMS 0
size [# of strips]

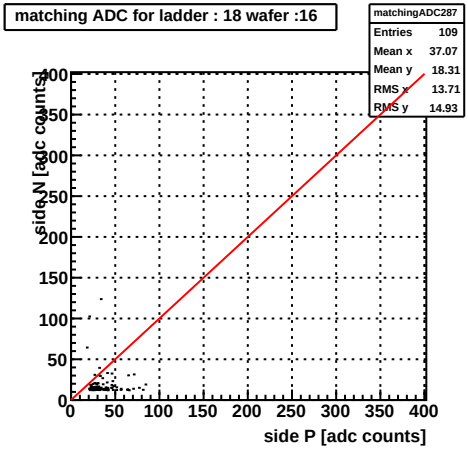

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

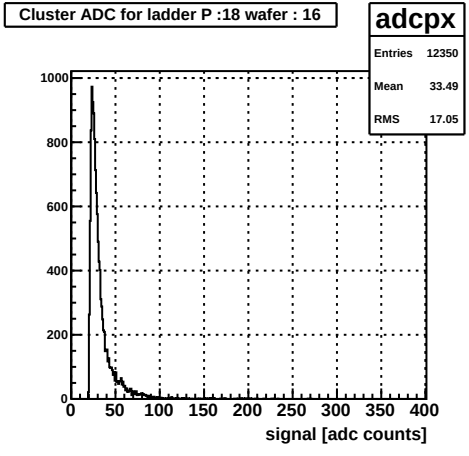

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12321
Mean 25.93
RMS 12.35
signal [adc counts]

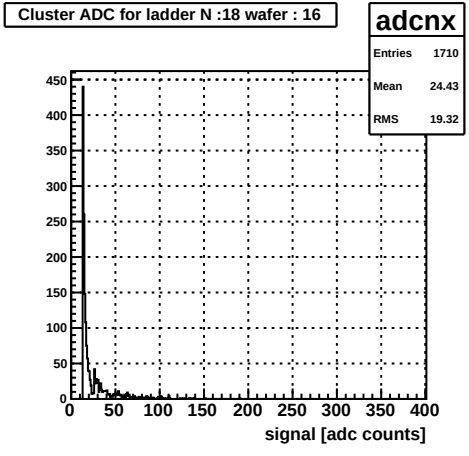

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 1
Mean 16.5
RMS 0
signal [adc counts]

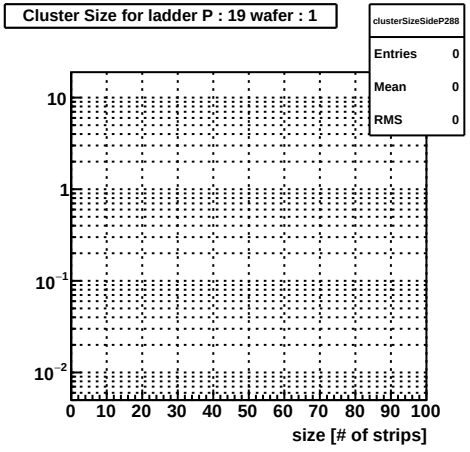

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 12350
Mean 1.091
RMS 0.3175
size [# of strips]

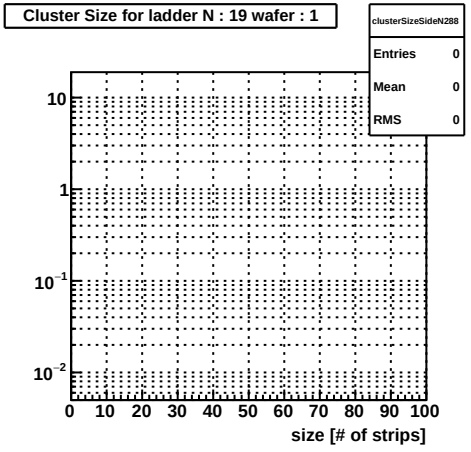

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1710
Mean 1.591
RMS 1.24
size [# of strips]

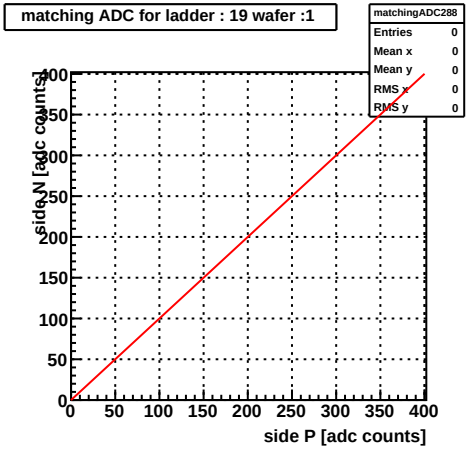

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 109
Mean x 37.07
Mean y 18.31
RMS x 13.71
RMS y 14.93
side N [adc counts]
side P [adc counts]

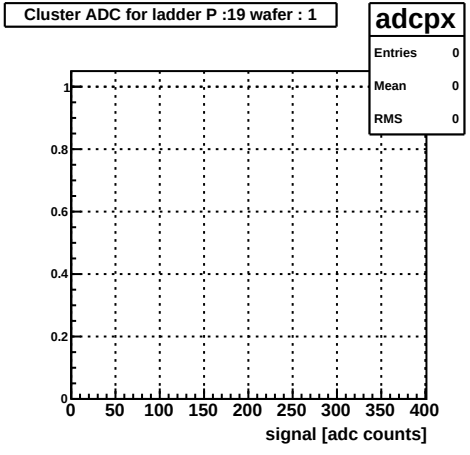

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 12350
Mean 33.49
RMS 17.05
signal [adc counts]

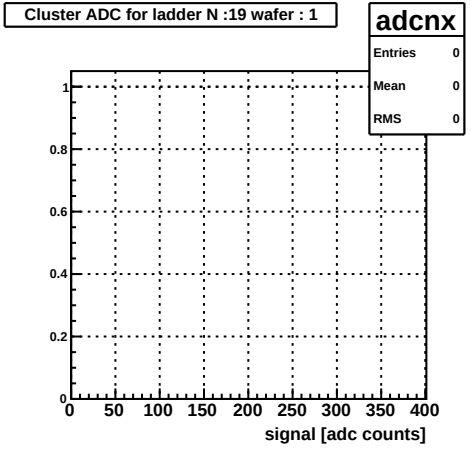

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1710
Mean 24.43
RMS 19.32
signal [adc counts]

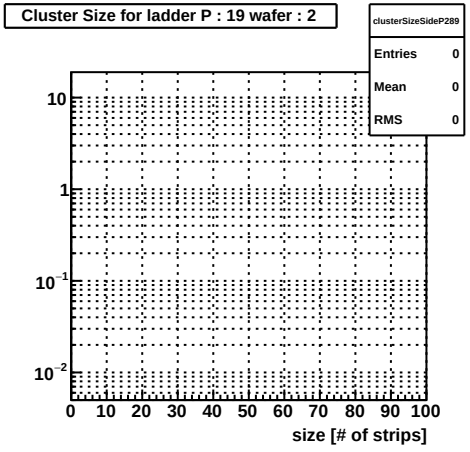

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

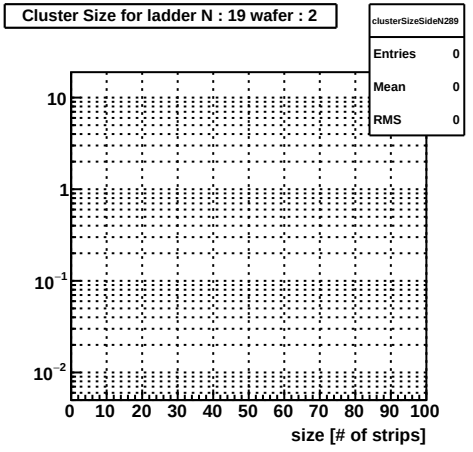

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

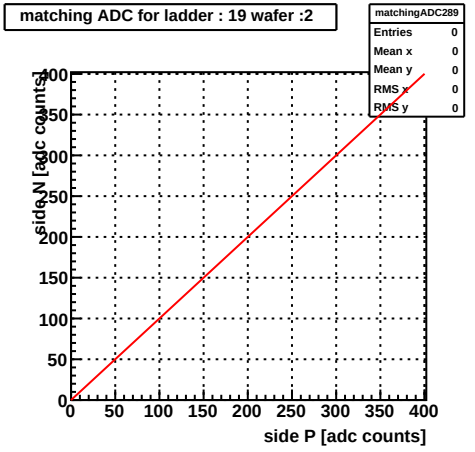

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

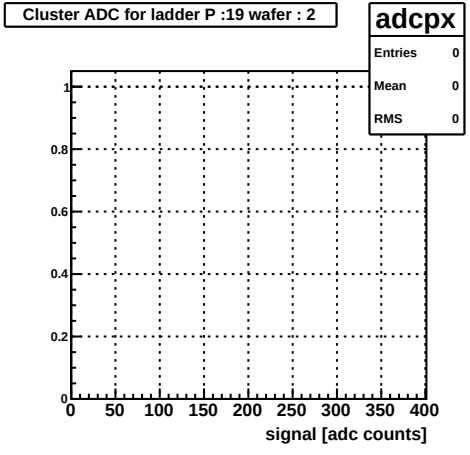

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

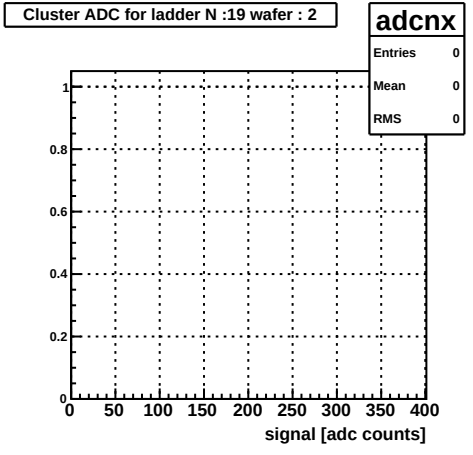

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

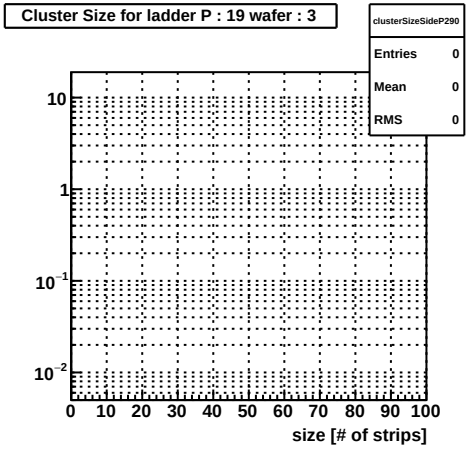

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

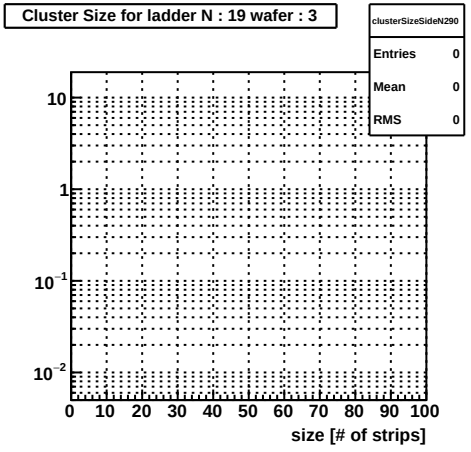

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

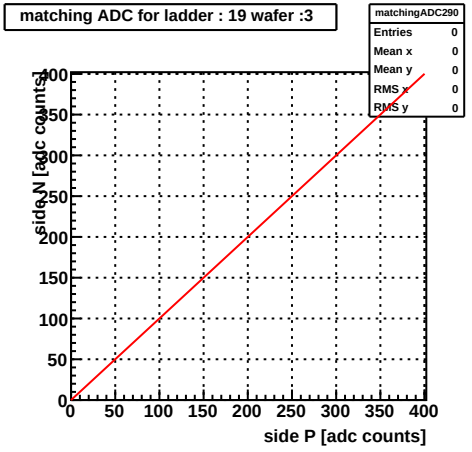

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

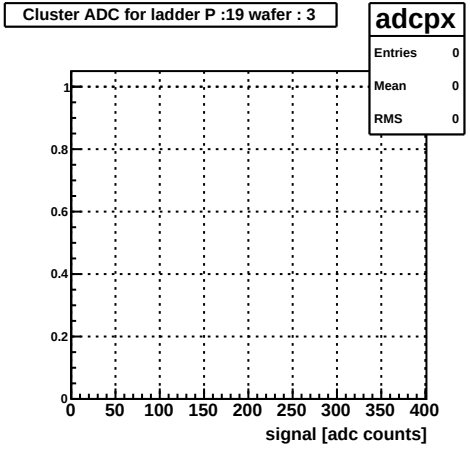

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

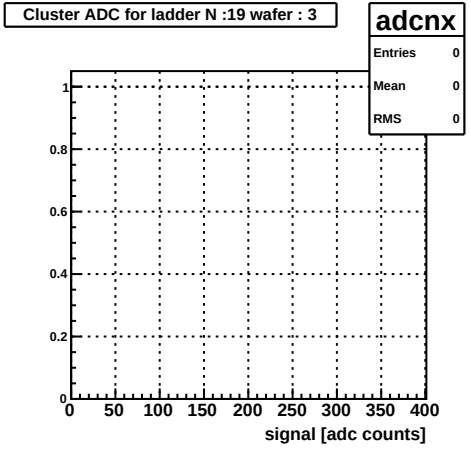

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

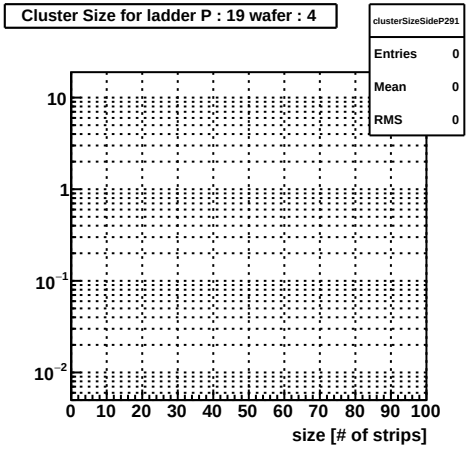

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

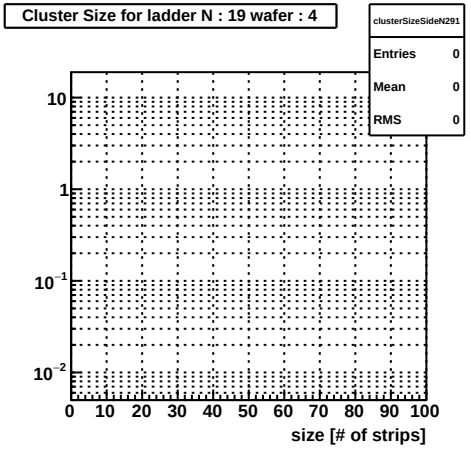

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

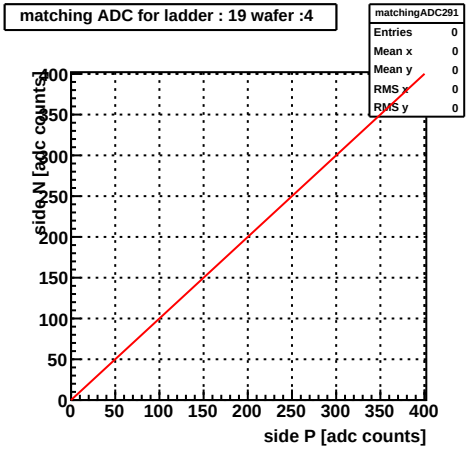

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

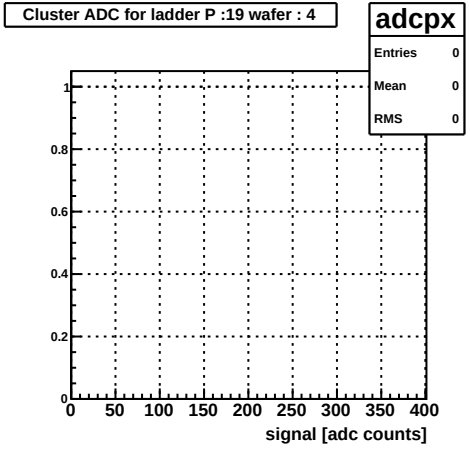

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

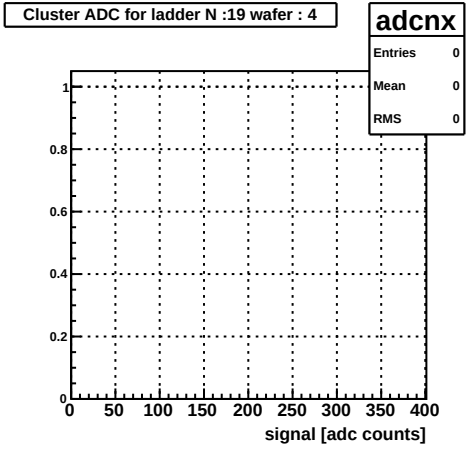

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

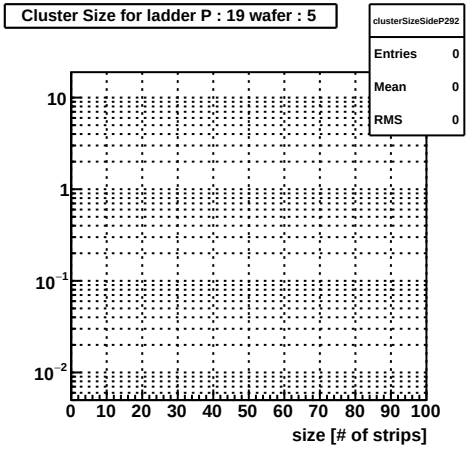

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

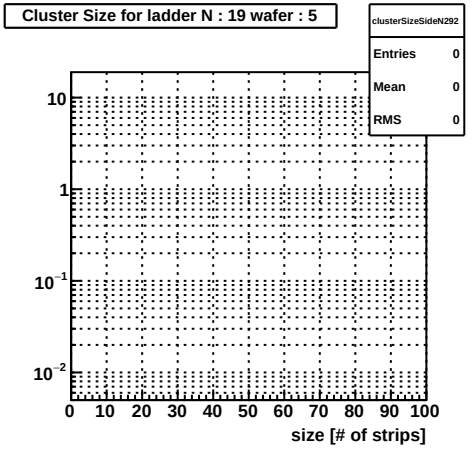

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

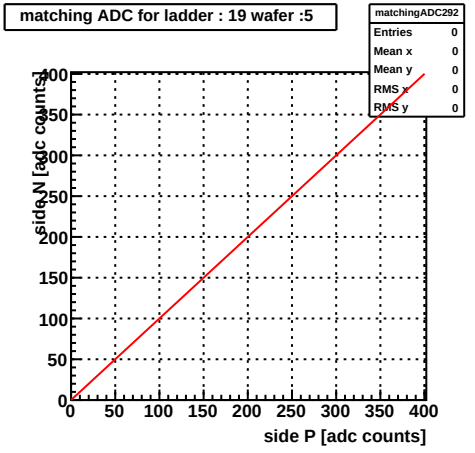

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

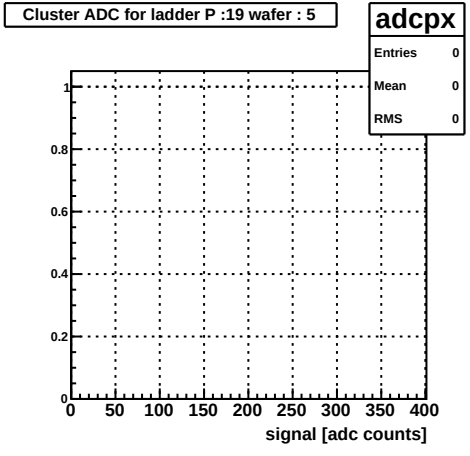

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

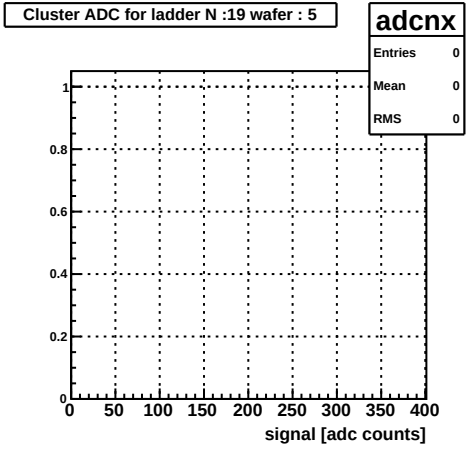

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

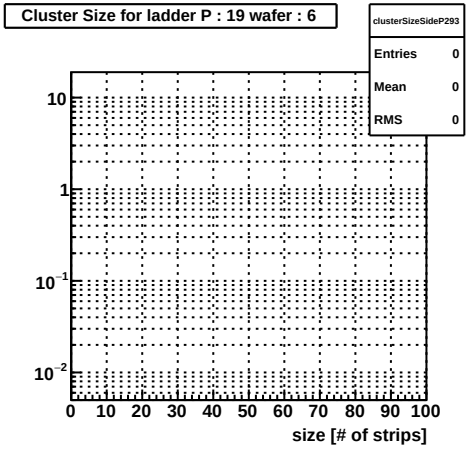

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

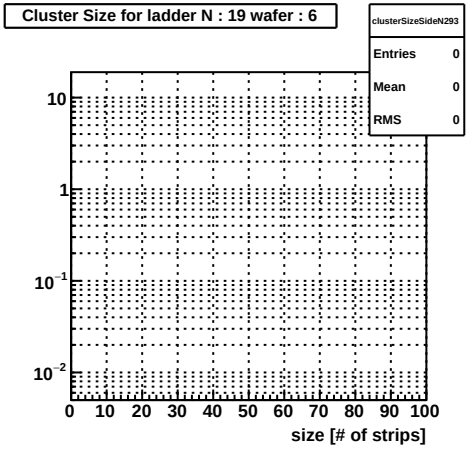

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

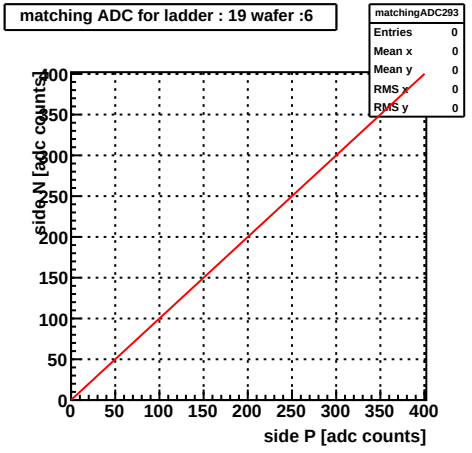

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

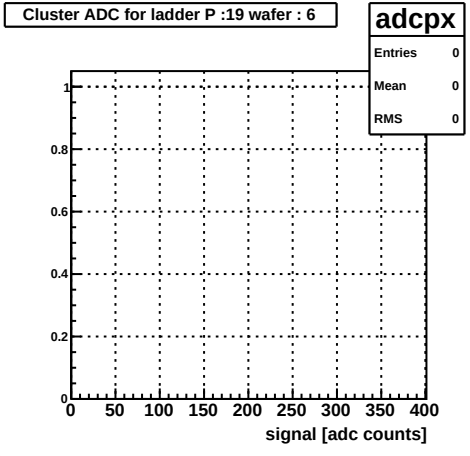

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

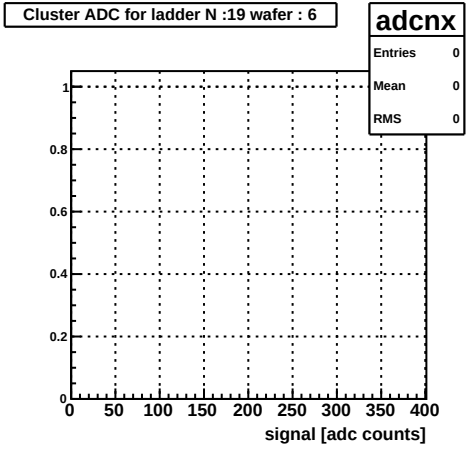

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

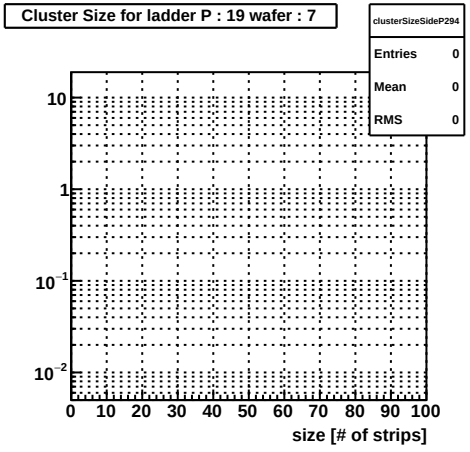

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

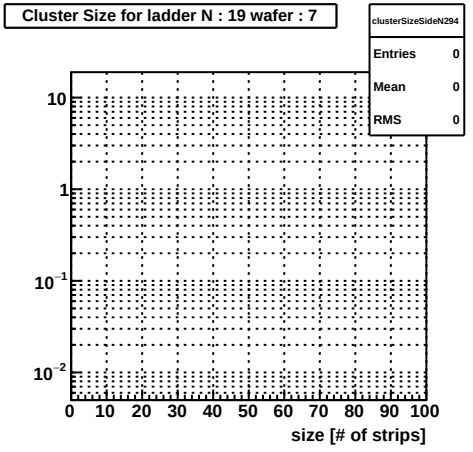

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

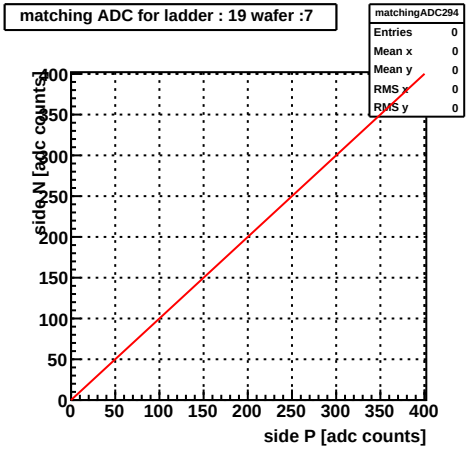

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

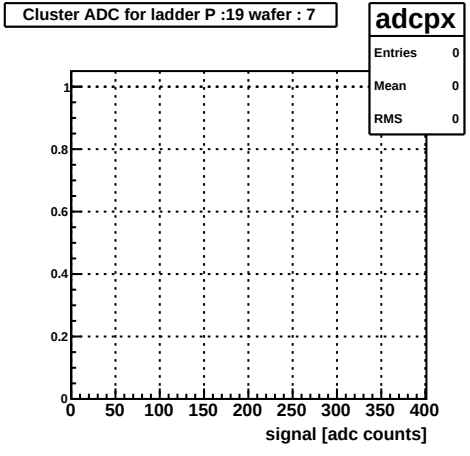

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

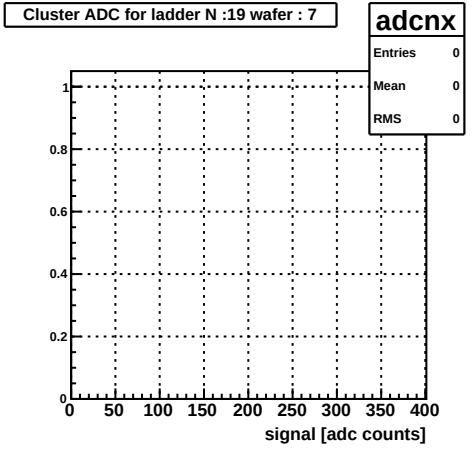

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

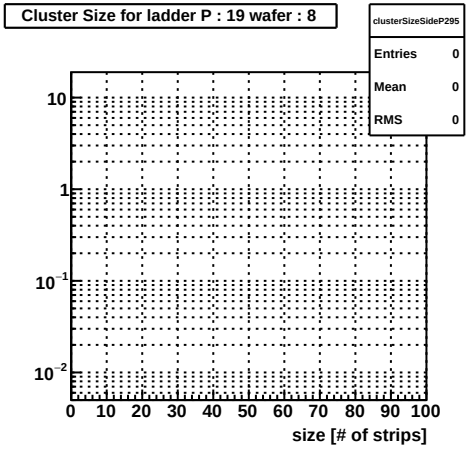

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

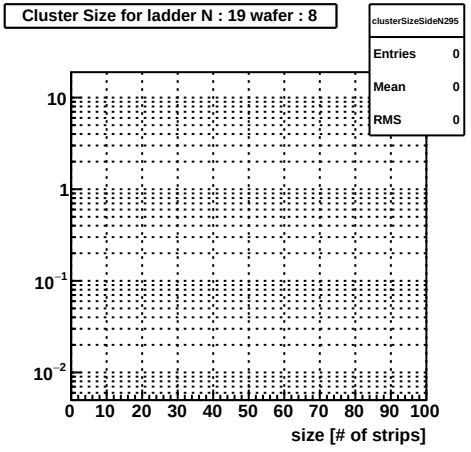

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

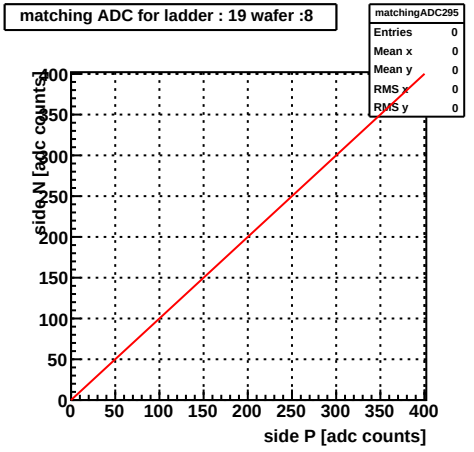

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

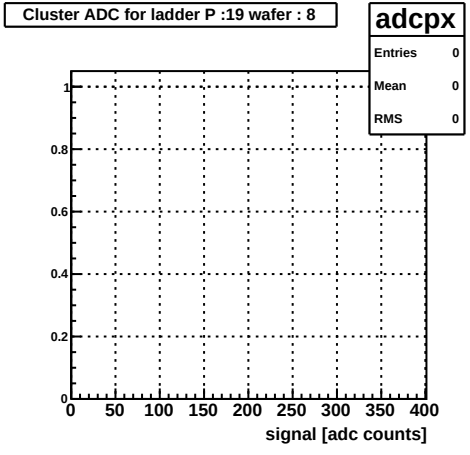

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

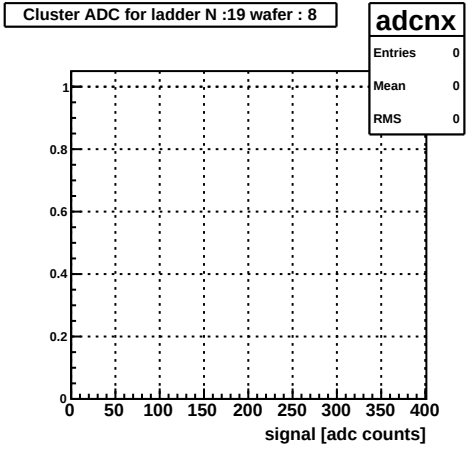

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

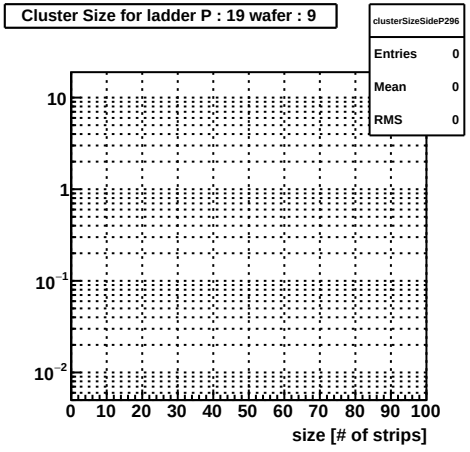

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

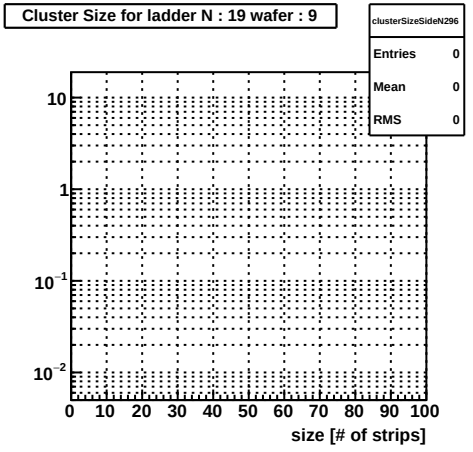

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

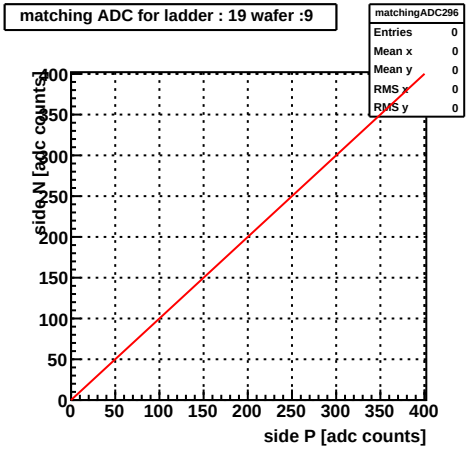

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

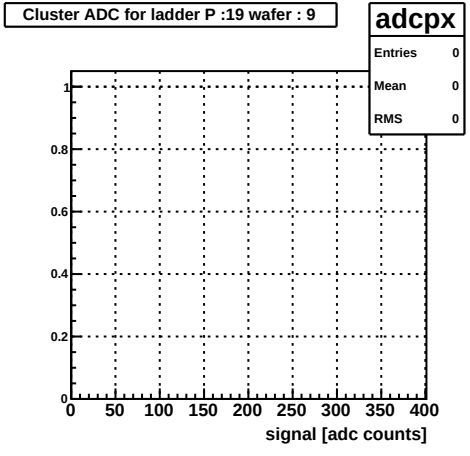

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

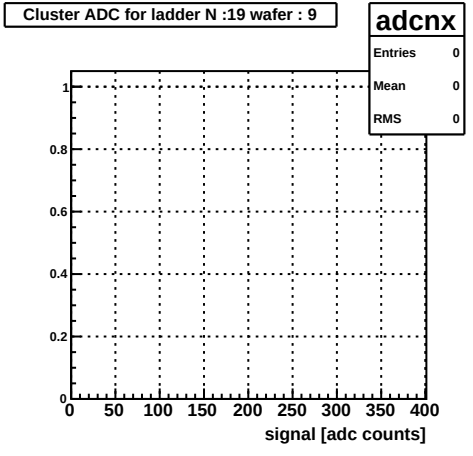

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

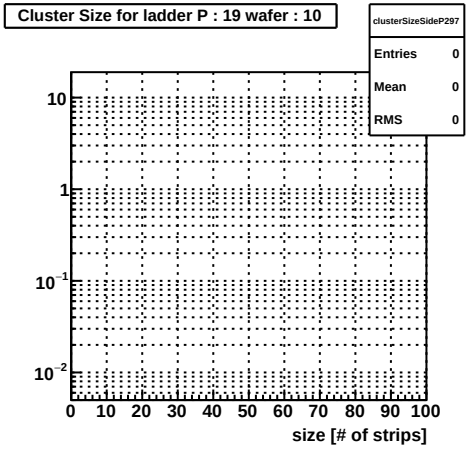

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

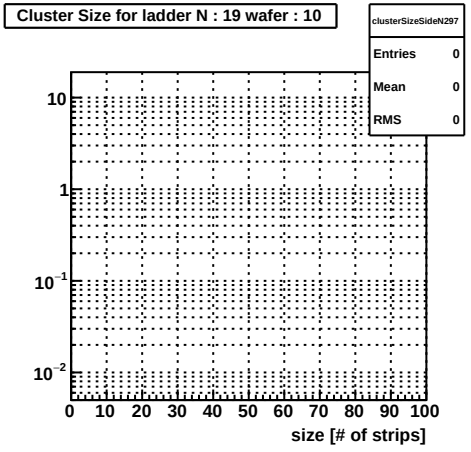

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

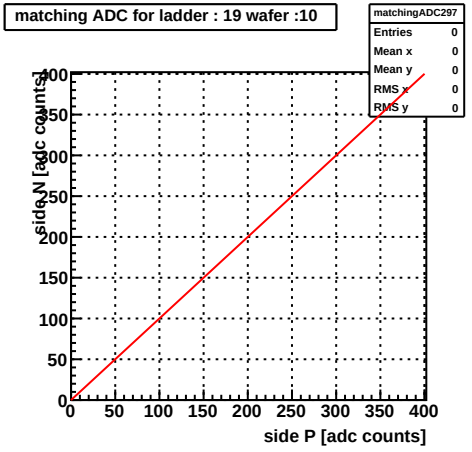

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

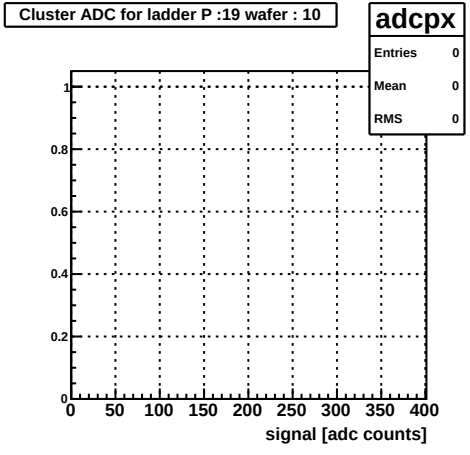

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

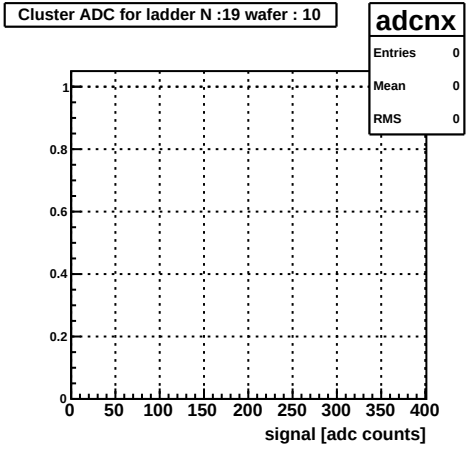

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

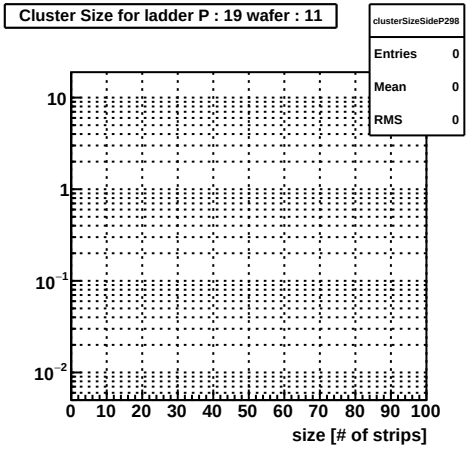

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

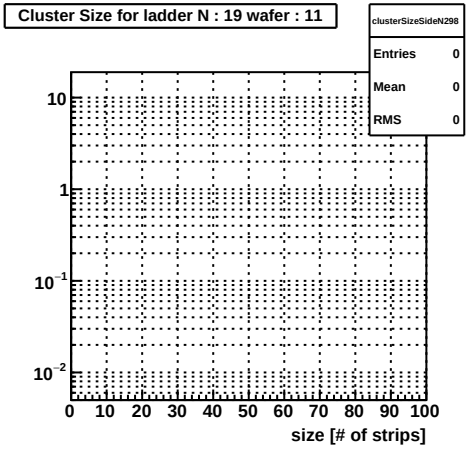

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

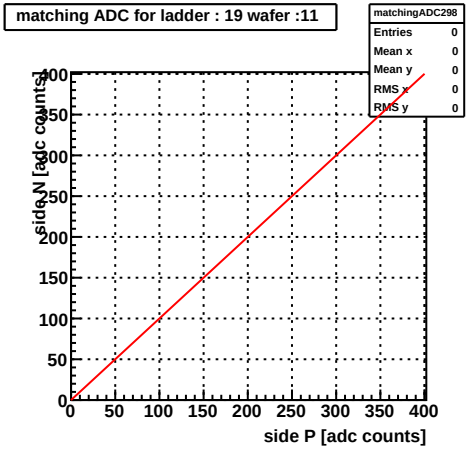

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

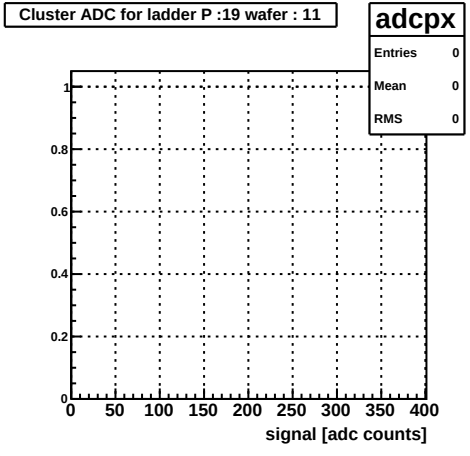

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

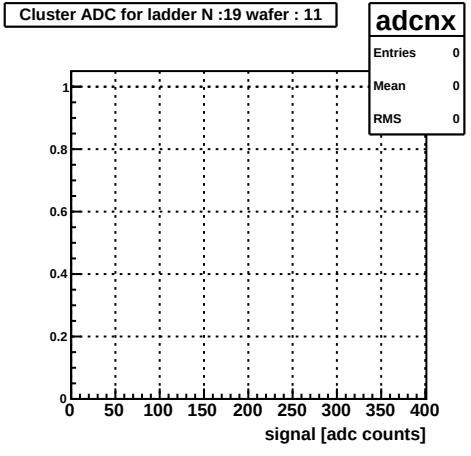

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

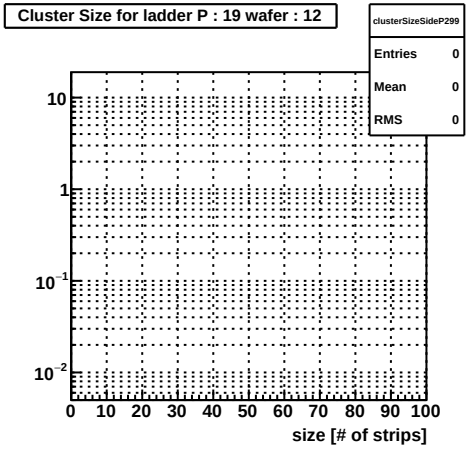

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

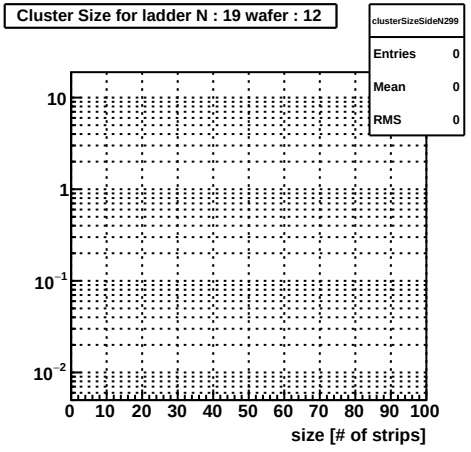

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

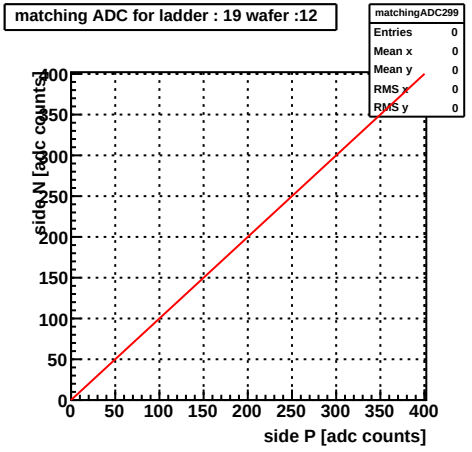

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

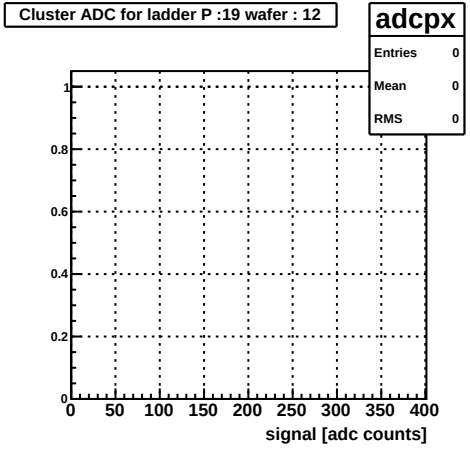

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

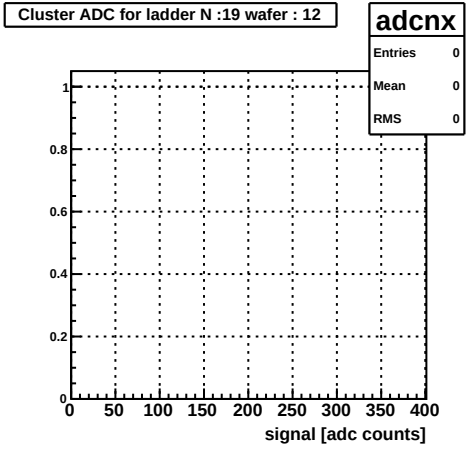

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

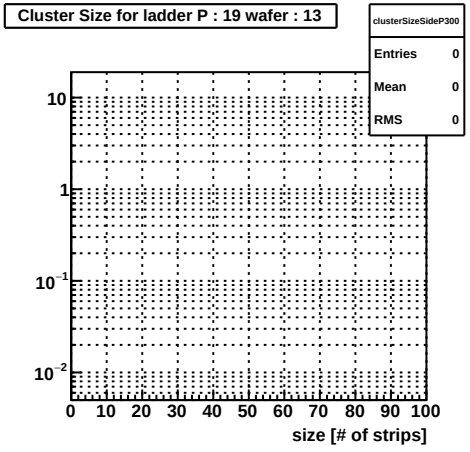

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

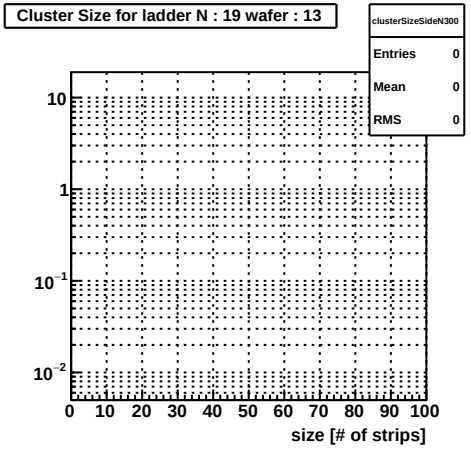

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

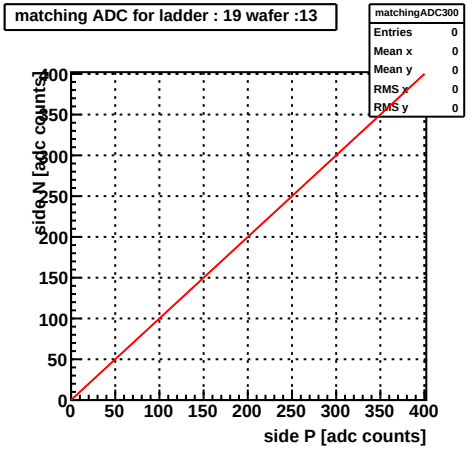

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

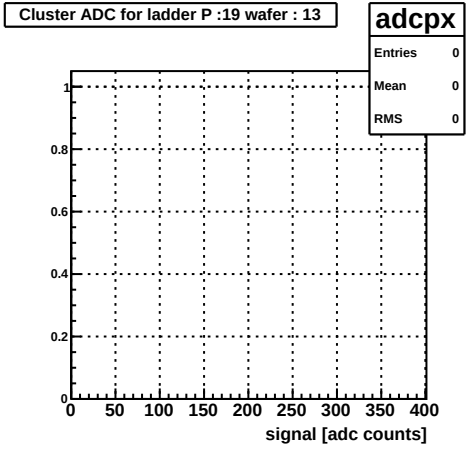

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

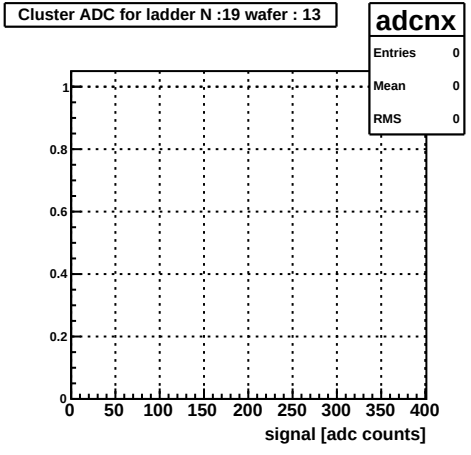

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

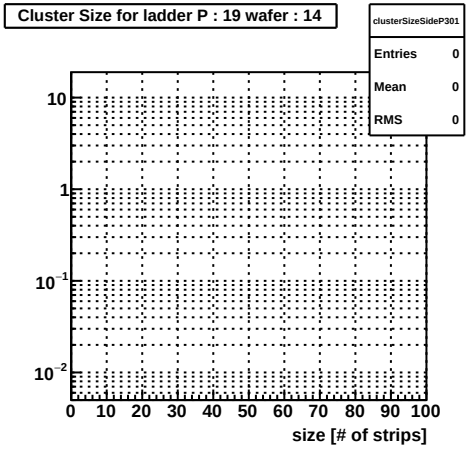

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

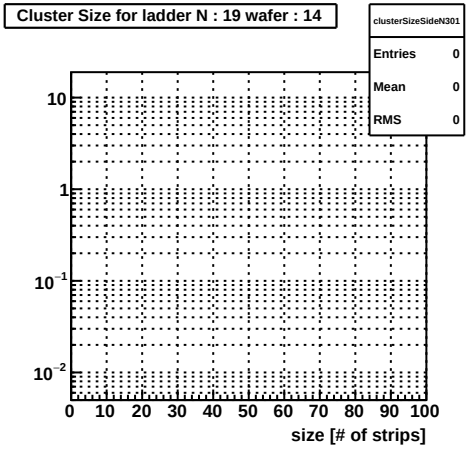

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

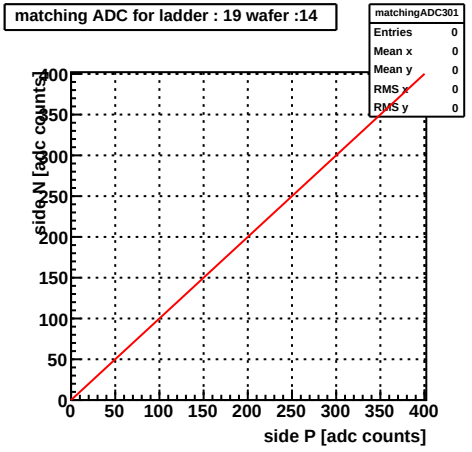

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

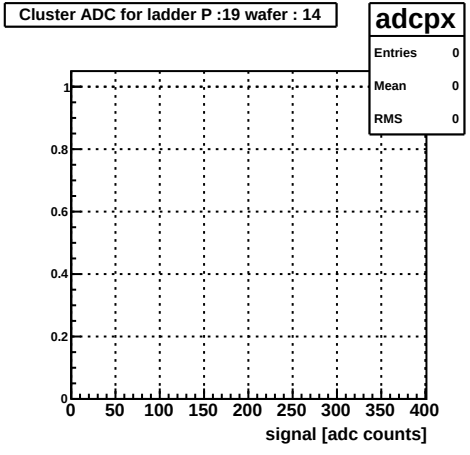

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

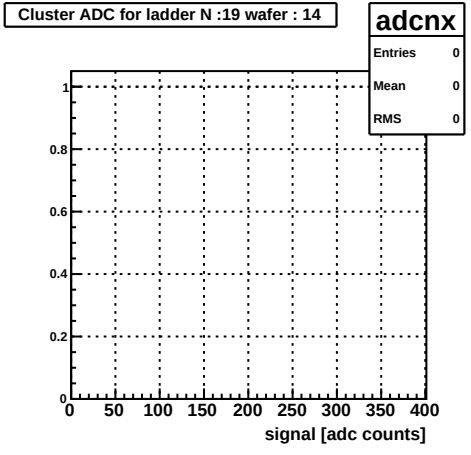

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

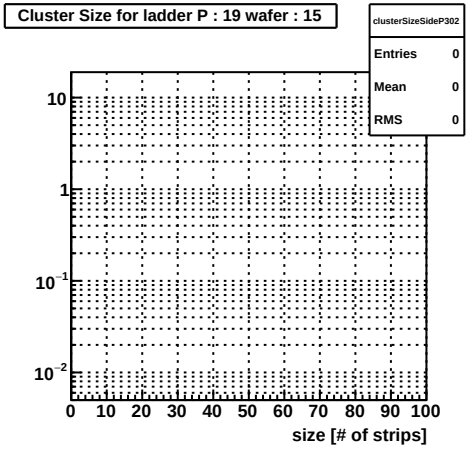

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

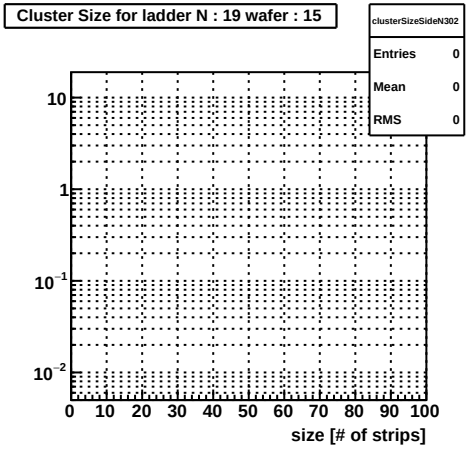

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

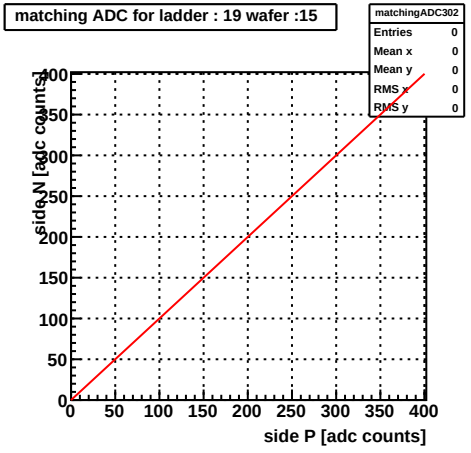

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

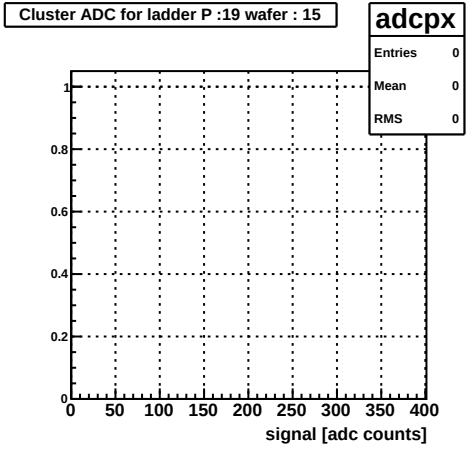

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

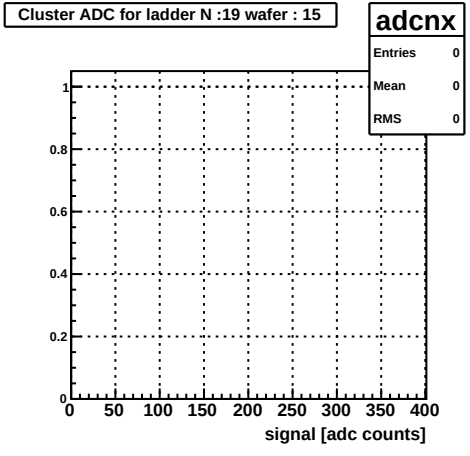

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

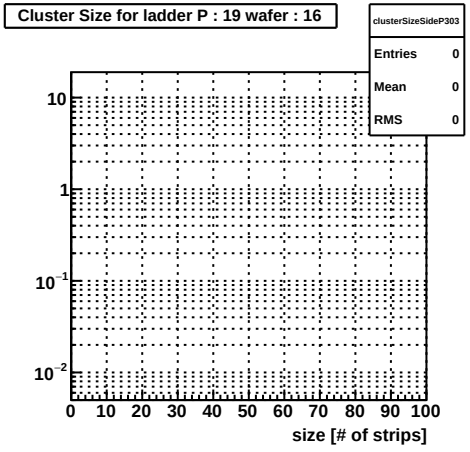

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

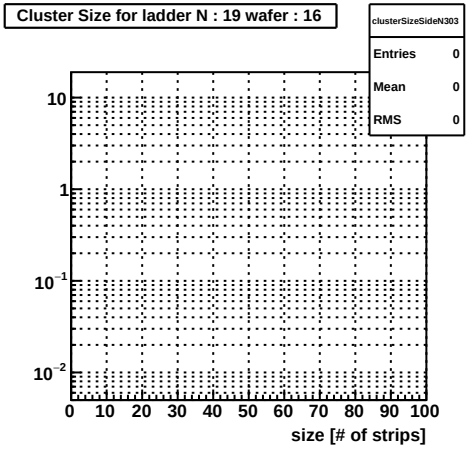

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

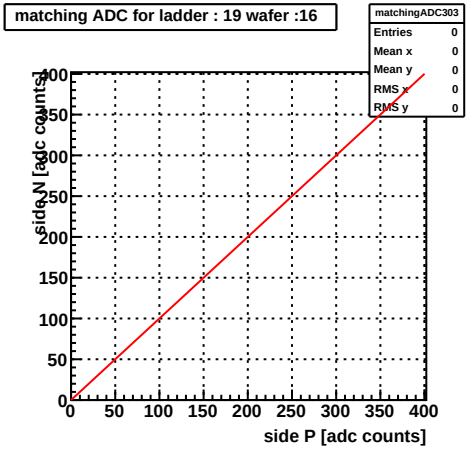

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

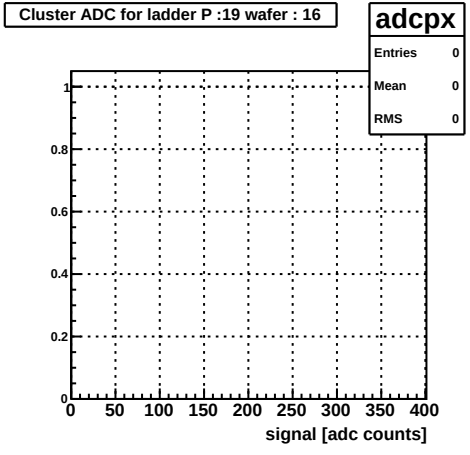

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

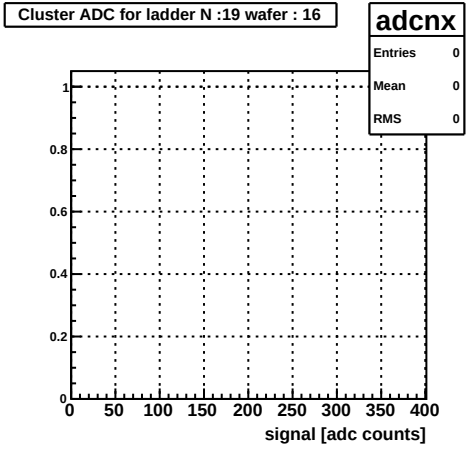

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

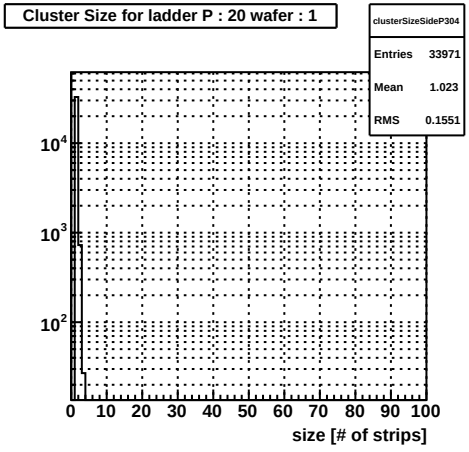

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

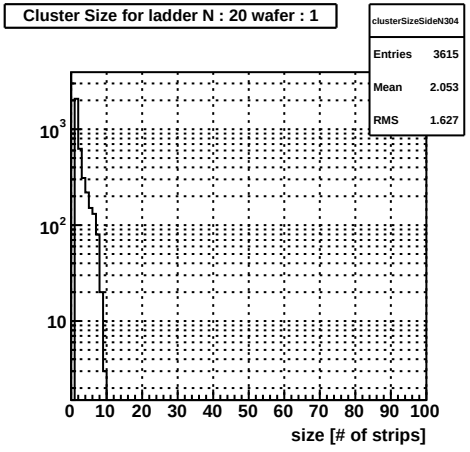

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

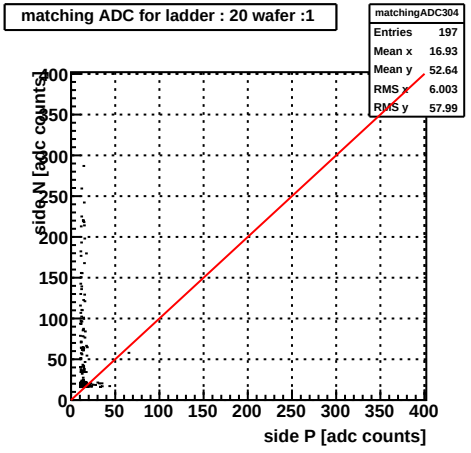

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

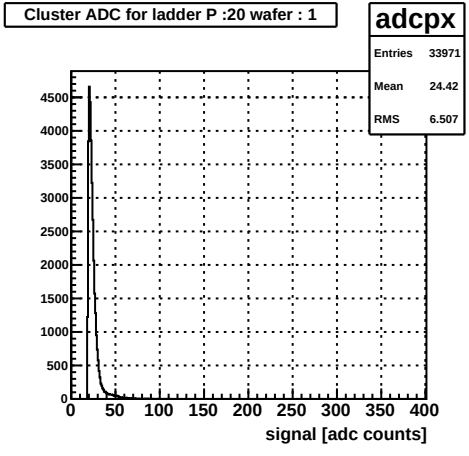

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

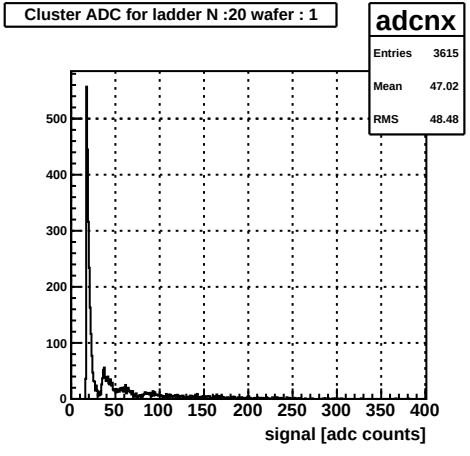

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

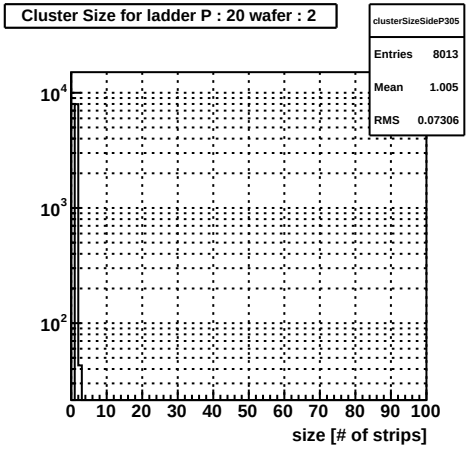

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 33971
Mean 1.023
RMS 0.1551
size [# of strips]

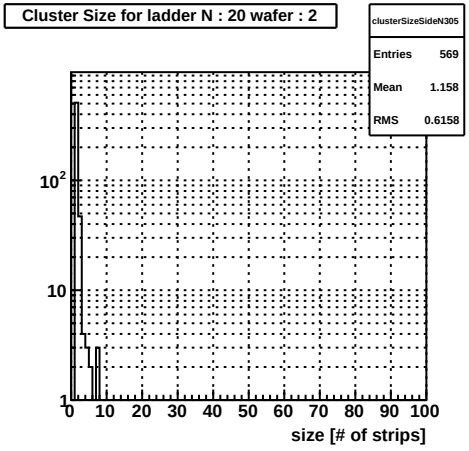

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3615
Mean 2.053
RMS 1.627
size [# of strips]

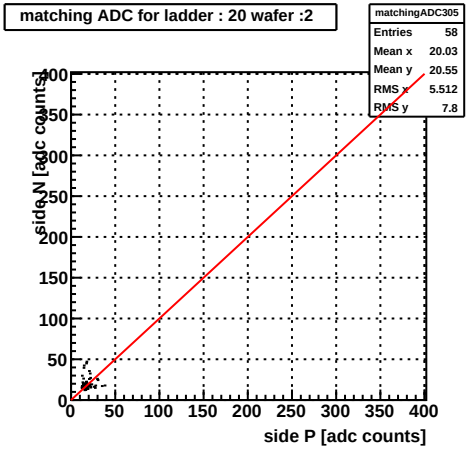

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 197
Mean x 16.93
Mean y 52.64
RMS x 6.003
RMS y 57.99
side N [adc counts]
side P [adc counts]

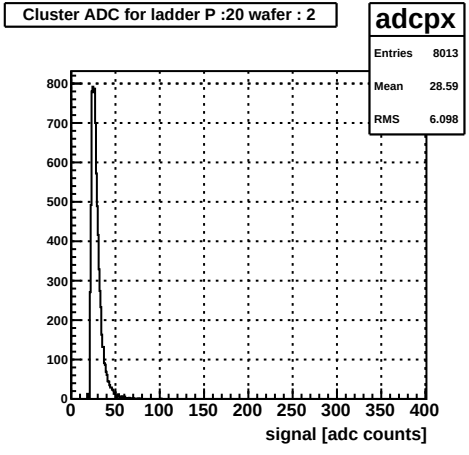

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 33971
Mean 24.42
RMS 6.507
signal [adc counts]

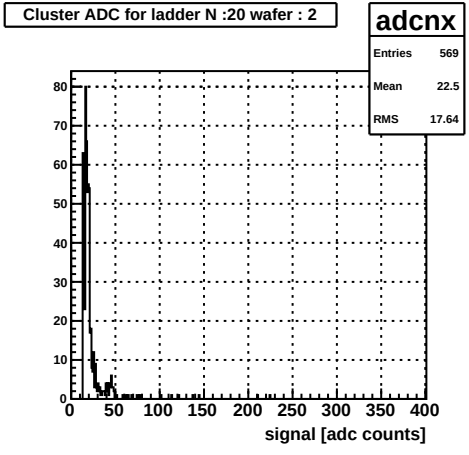

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3615
Mean 47.02
RMS 48.48
signal [adc counts]

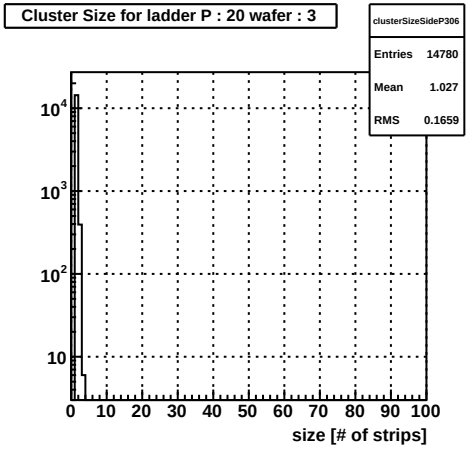

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 8013
Mean 1.005
RMS 0.07306
size [# of strips]

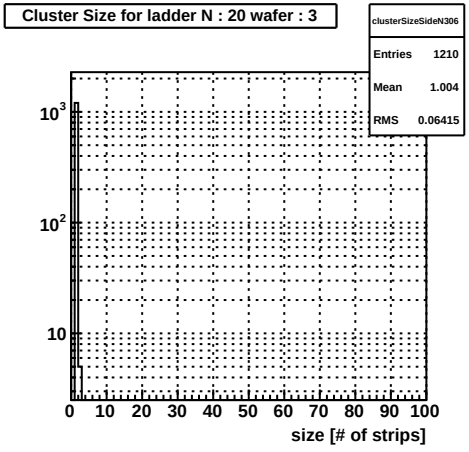

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 569
Mean 1.158
RMS 0.6158
size [# of strips]

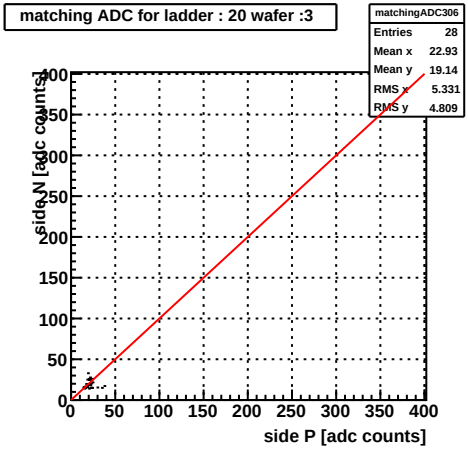

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 58
Mean x 20.03
Mean y 20.55
RMS x 5.512
RMS y 7.8
side N [adc counts]
side P [adc counts]

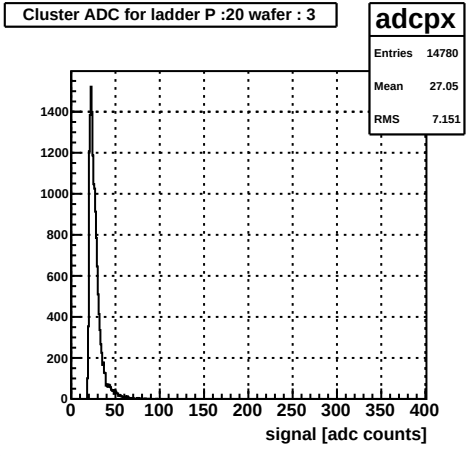

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 8013
Mean 28.59
RMS 6.098
signal [adc counts]

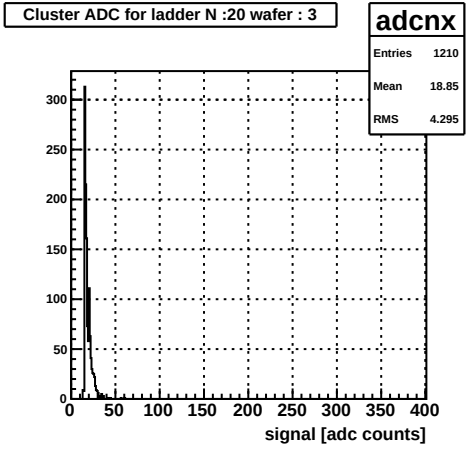

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 569
Mean 22.5
RMS 17.64
signal [adc counts]

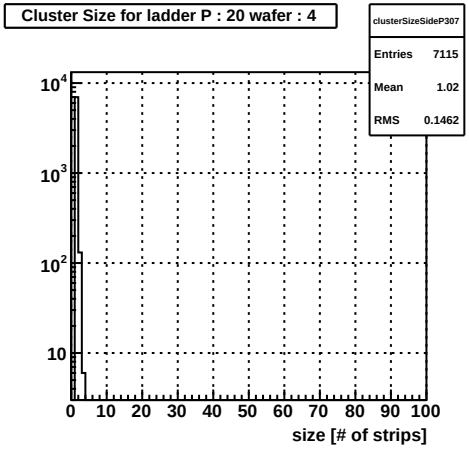

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 14780
Mean 1.027
RMS 0.1659
size [# of strips]

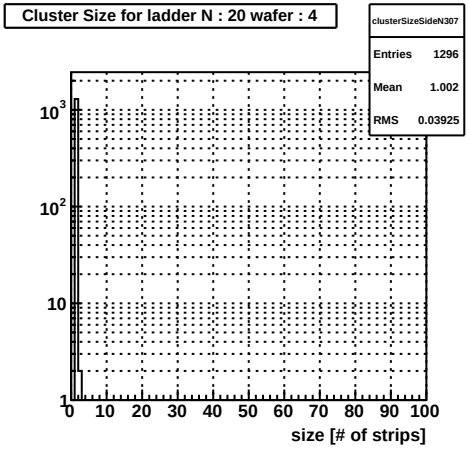

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1210
Mean 1.004
RMS 0.06415
size [# of strips]

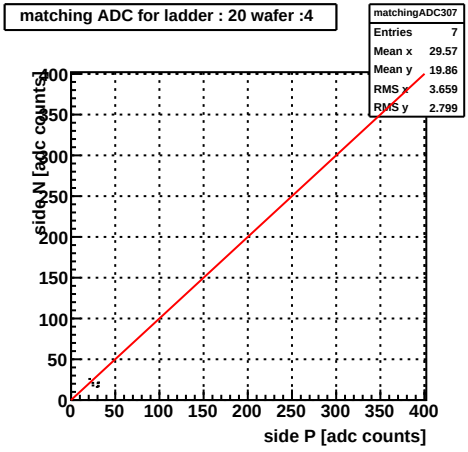

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 28
Mean x 22.93
Mean y 19.14
RMS x 5.331
RMS y 4.809
side N [adc counts]
side P [adc counts]

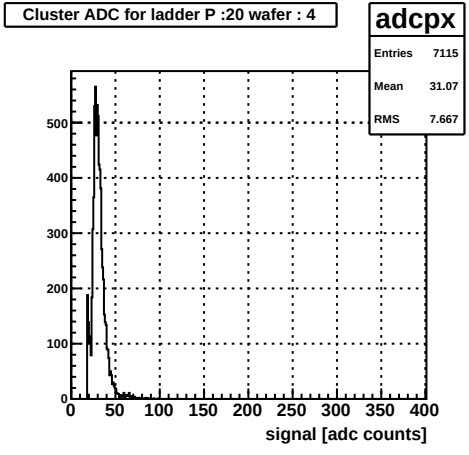

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 14780
Mean 27.05
RMS 7.151
signal [adc counts]

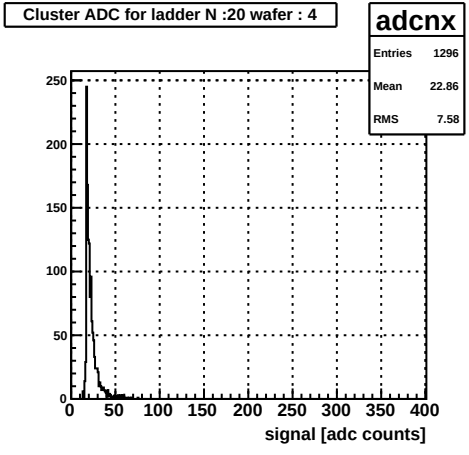

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1210
Mean 18.85
RMS 4.295
signal [adc counts]

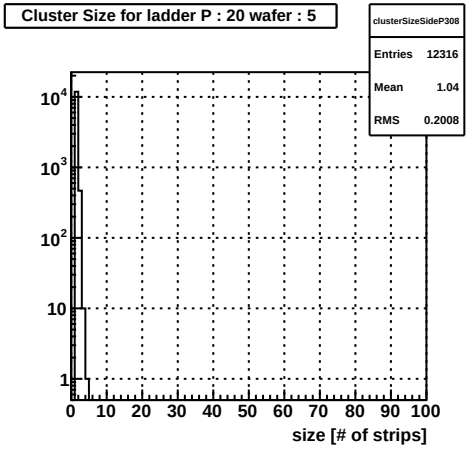

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 7115
Mean 1.02
RMS 0.1462
size [# of strips]

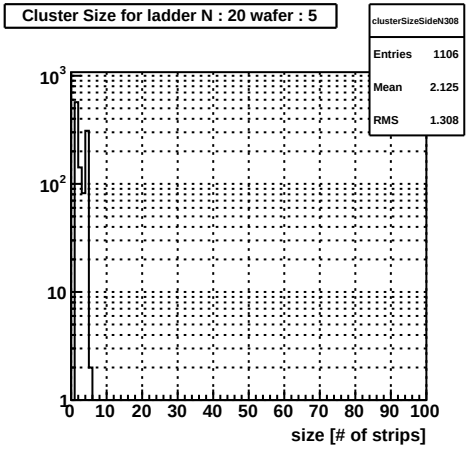

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1296
Mean 1.002
RMS 0.03925
size [# of strips]

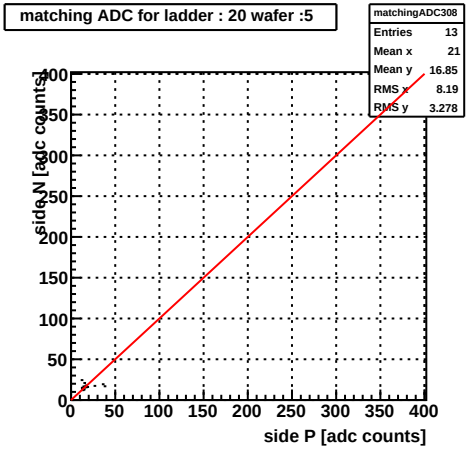

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 7
Mean x 29.57
Mean y 19.86
RMS x 3.659
RMS y 2.799
side N [adc counts]
side P [adc counts]

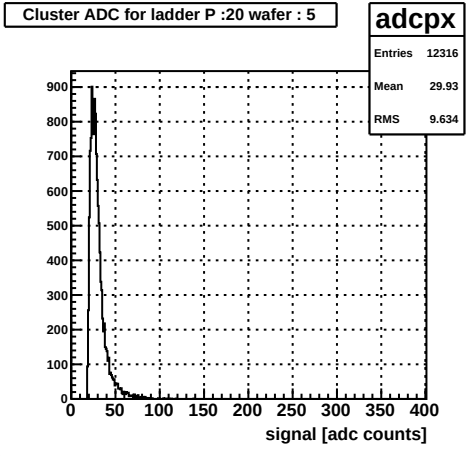

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 7115
Mean 31.07
RMS 7.667
signal [adc counts]

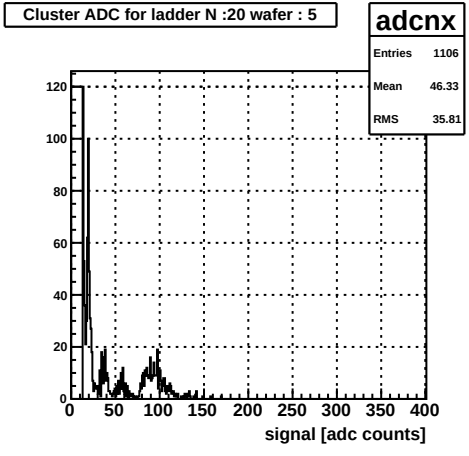

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1296
Mean 22.86
RMS 7.58
signal [adc counts]

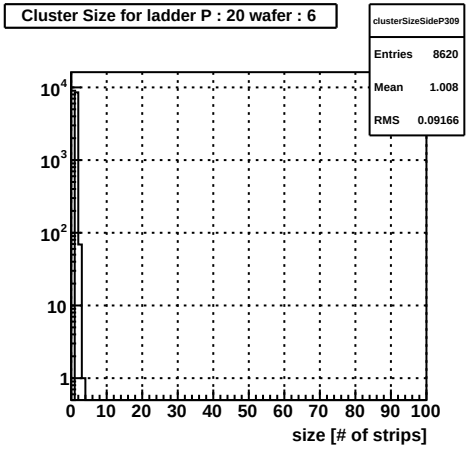

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 12316
Mean 1.04
RMS 0.2008
size [# of strips]

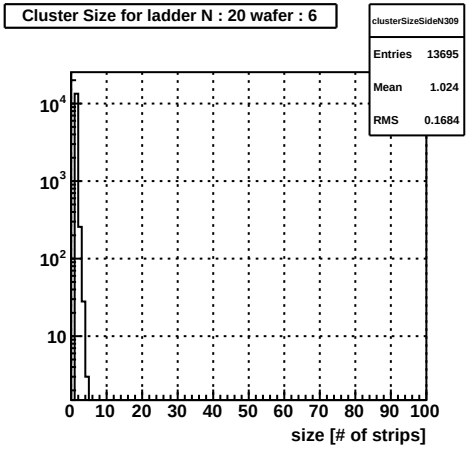

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1106
Mean 2.125
RMS 1.308
size [# of strips]

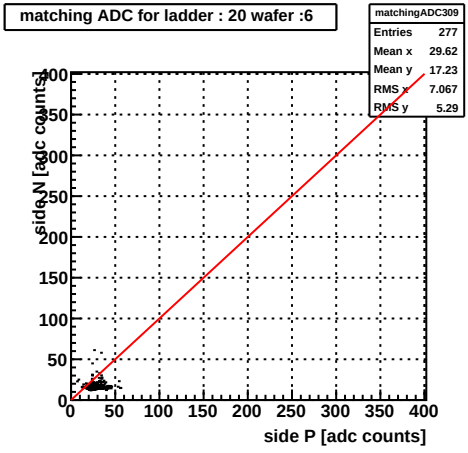

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 13
Mean x 21
Mean y 16.85
RMS x 8.19
RMS y 3.278
side N [adc counts]
side P [adc counts]

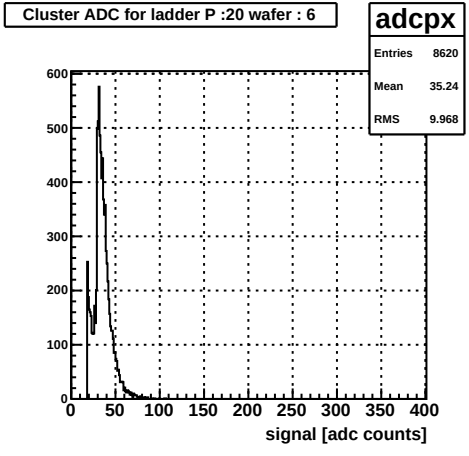

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 12316
Mean 29.93
RMS 9.634
signal [adc counts]

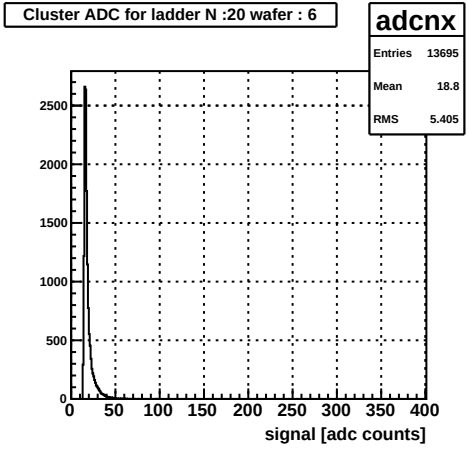

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1106
Mean 46.33
RMS 35.81
signal [adc counts]

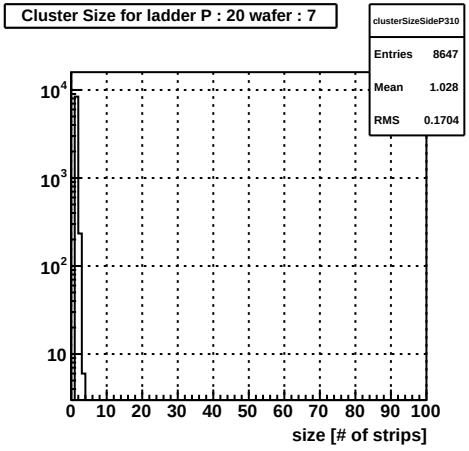

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 8620
Mean 1.008
RMS 0.09166
size [# of strips]

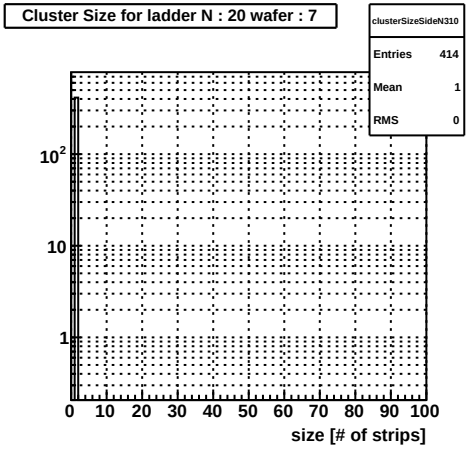

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 13695
Mean 1.024
RMS 0.1684
size [# of strips]

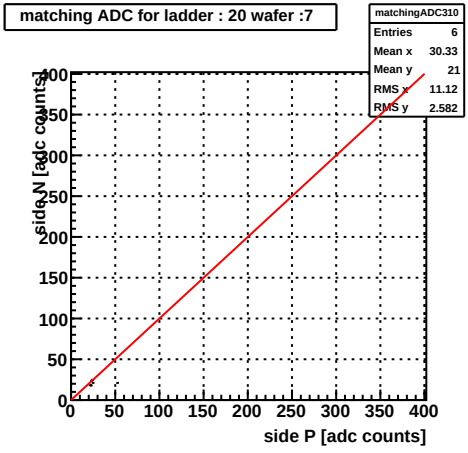

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 277
Mean x 29.62
Mean y 17.23
RMS x 7.067
RMS y 5.29
side N [adc counts]
side P [adc counts]

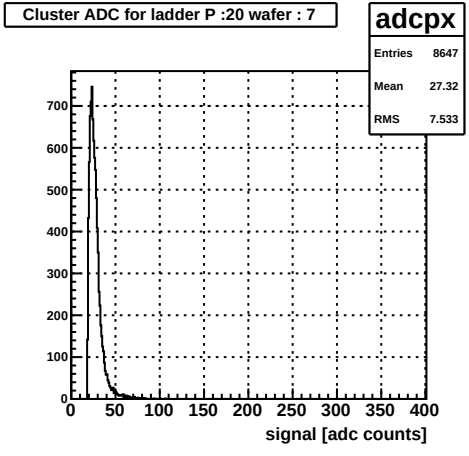

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 8620
Mean 35.24
RMS 9.968
signal [adc counts]

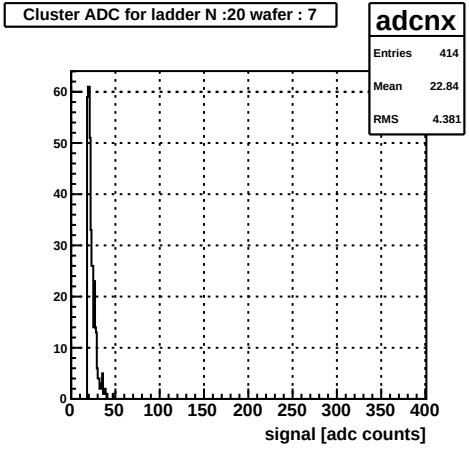

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 13695
Mean 18.8
RMS 5.405
signal [adc counts]

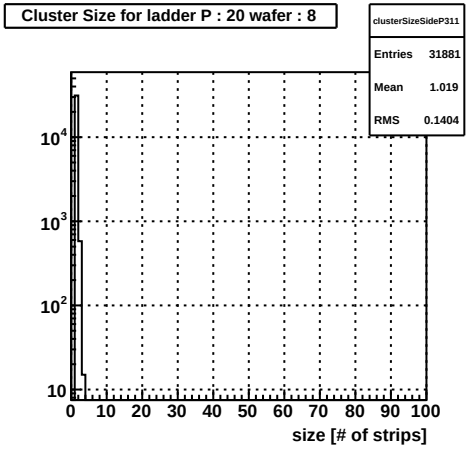

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 8647
Mean 1.028
RMS 0.1704
size [# of strips]

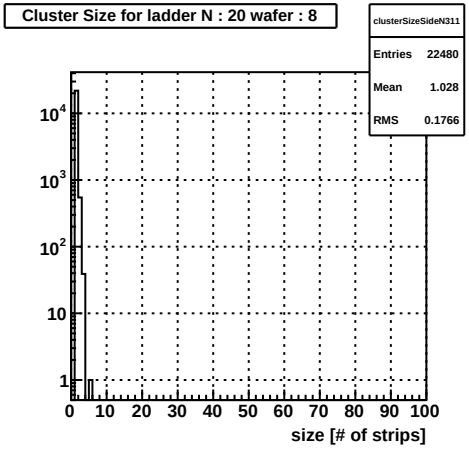

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 414
Mean 1
RMS 0
size [# of strips]

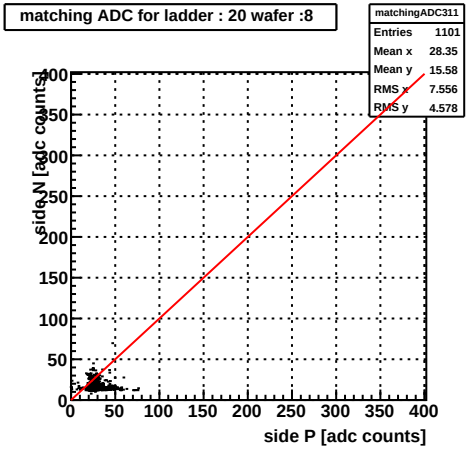

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 6
Mean x 30.33
Mean y 21
RMS x 11.12
RMS y 2.582
side N [adc counts]
side P [adc counts]

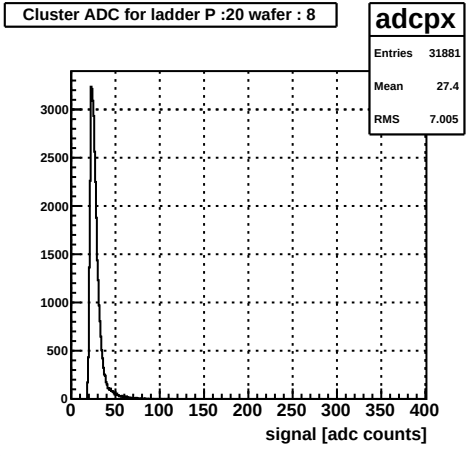

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 8647
Mean 27.32
RMS 7.533
signal [adc counts]

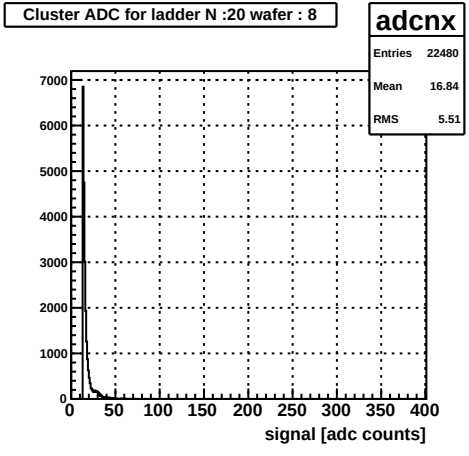

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 414
Mean 22.84
RMS 4.381
signal [adc counts]

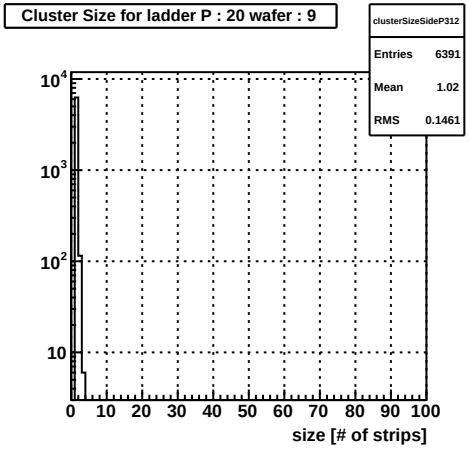

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 31881
Mean 1.019
RMS 0.1404
size [# of strips]

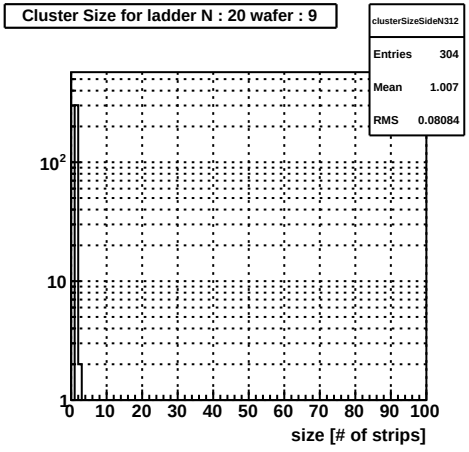

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 22480
Mean 1.028
RMS 0.1766
size [# of strips]

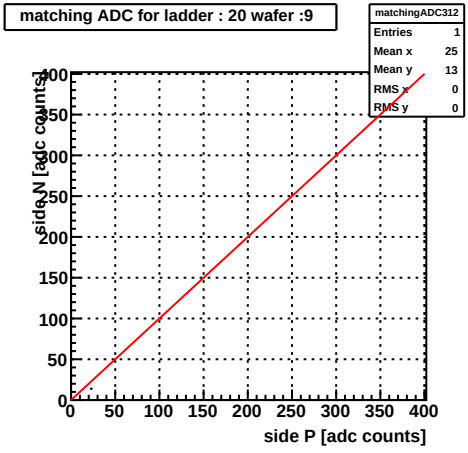

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1101
Mean x 28.35
Mean y 15.58
RMS x 7.556
RMS y 4.578
side N [adc counts]
side P [adc counts]

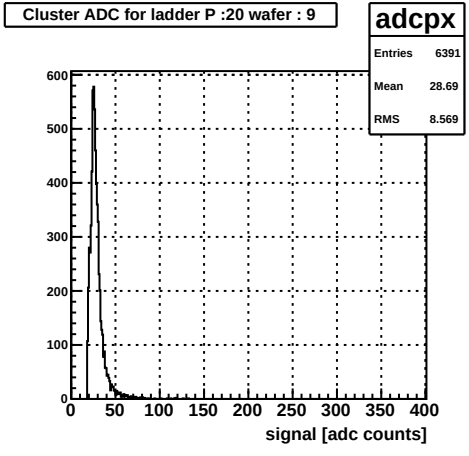

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 31881
Mean 27.4
RMS 7.005
signal [adc counts]

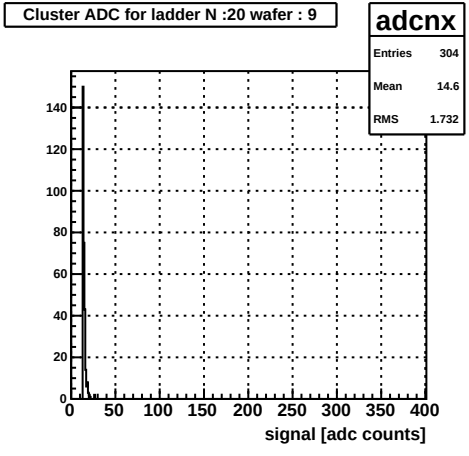

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 22480
Mean 16.84
RMS 5.51
signal [adc counts]

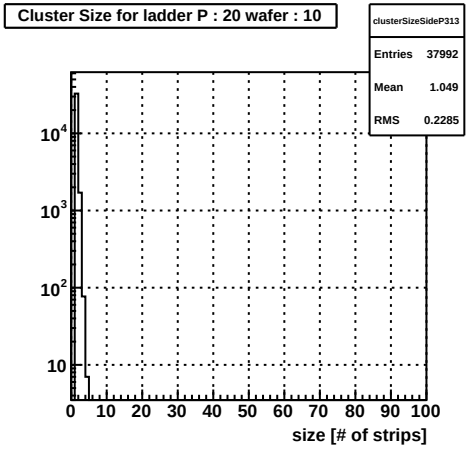

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 6391
Mean 1.02
RMS 0.1461
size [# of strips]

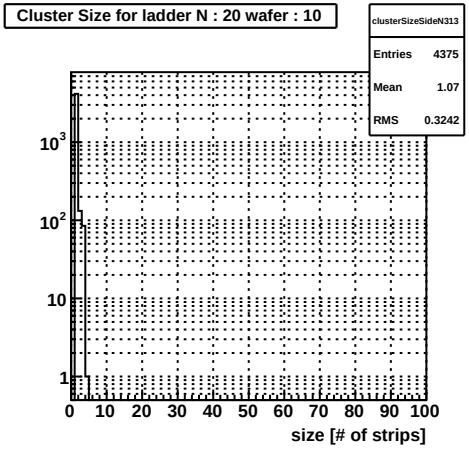

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 304
Mean 1.007
RMS 0.08084
size [# of strips]

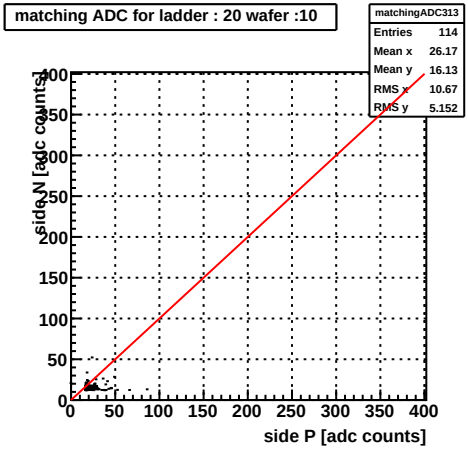

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1
Mean x 25
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

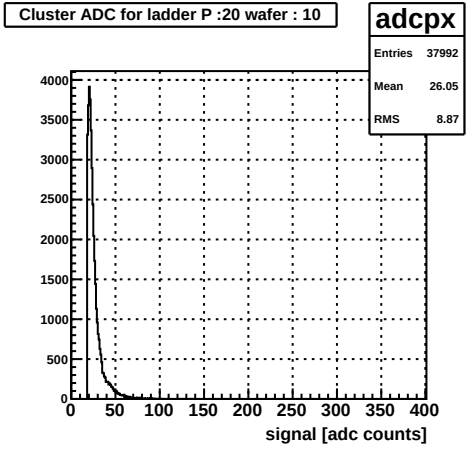

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 6391
Mean 28.69
RMS 8.569
signal [adc counts]

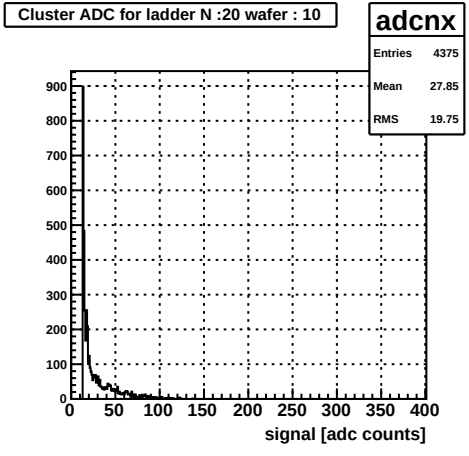

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 304
Mean 14.6
RMS 1.732
signal [adc counts]

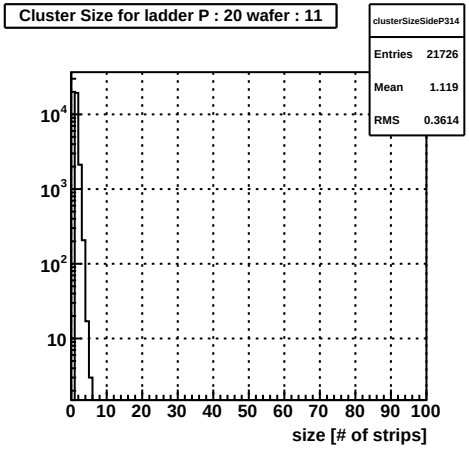

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 37992
Mean 1.049
RMS 0.2285
size [# of strips]

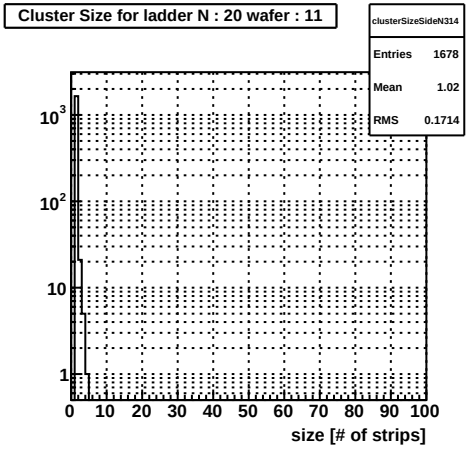

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4375
Mean 1.07
RMS 0.3242
size [# of strips]

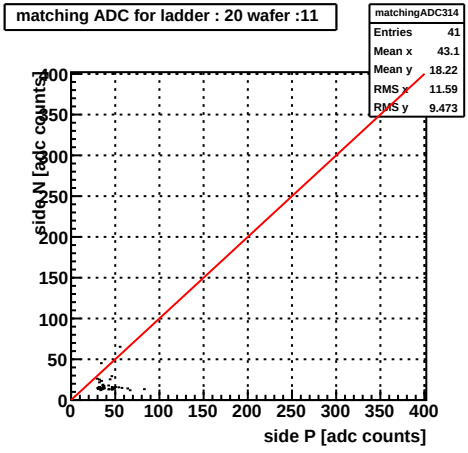

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 114
Mean x 26.17
Mean y 16.13
RMS x 10.67
RMS y 5.152
side N [adc counts]
side P [adc counts]

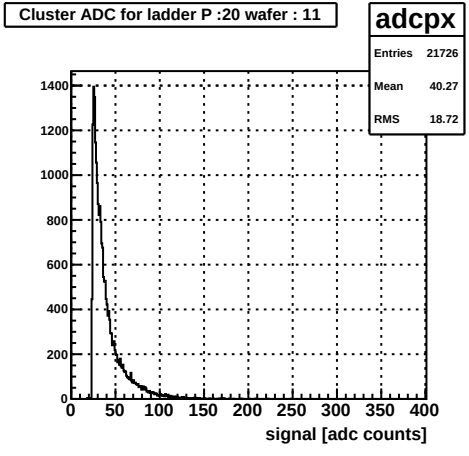

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 37992
Mean 26.05
RMS 8.87
signal [adc counts]

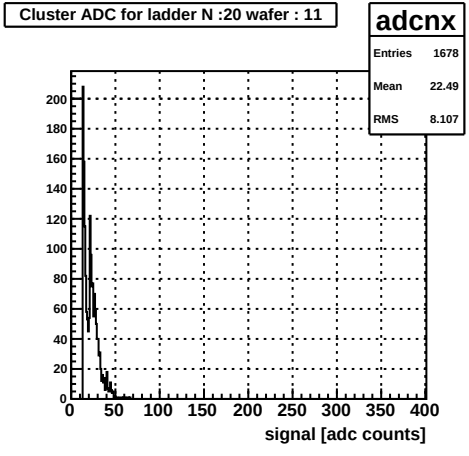

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4375
Mean 27.85
RMS 19.75
signal [adc counts]

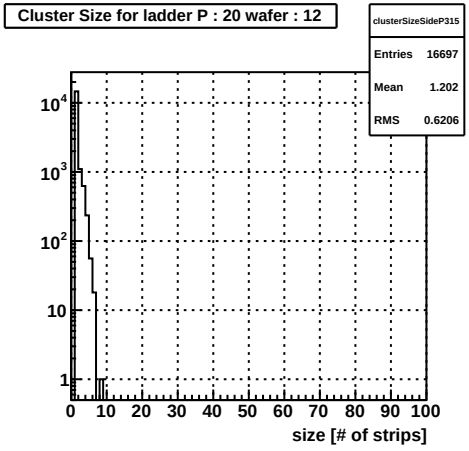

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 21726
Mean 1.119
RMS 0.3614
size [# of strips]

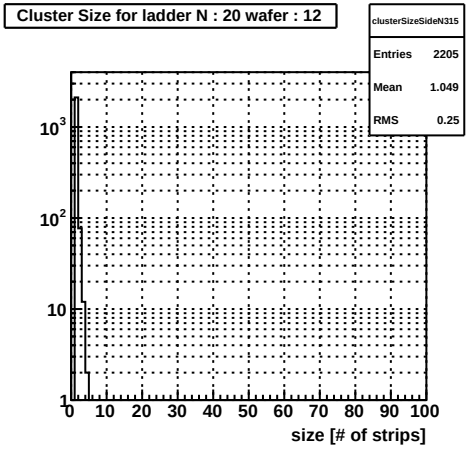

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1678
Mean 1.02
RMS 0.1714
size [# of strips]

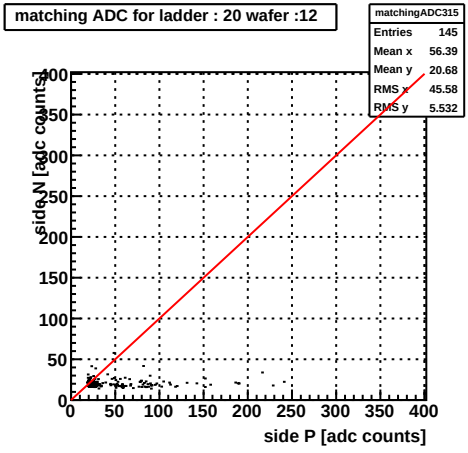

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 41
Mean x 43.1
Mean y 18.22
RMS x 11.59
RMS y 9.473
side N [adc counts]
side P [adc counts]

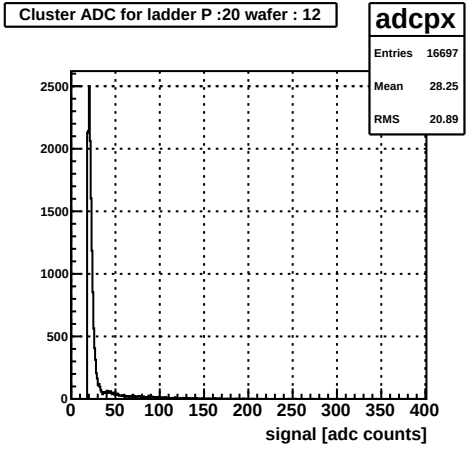

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 21726
Mean 40.27
RMS 18.72
signal [adc counts]

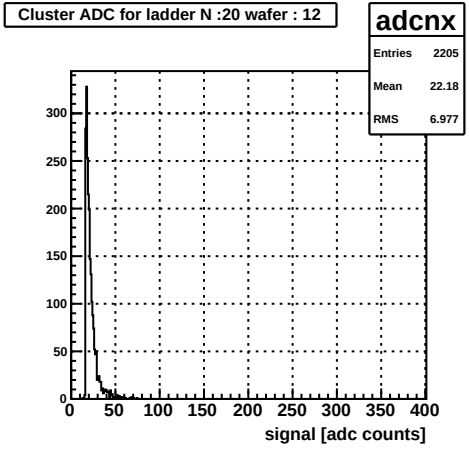

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1678
Mean 22.49
RMS 8.107
signal [adc counts]

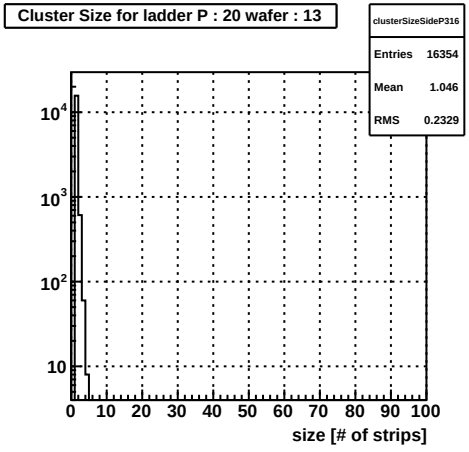

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 16697
Mean 1.202
RMS 0.6206
size [# of strips]

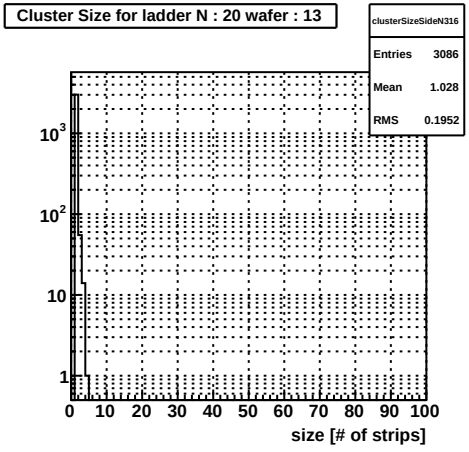

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2205
Mean 1.049
RMS 0.25
size [# of strips]

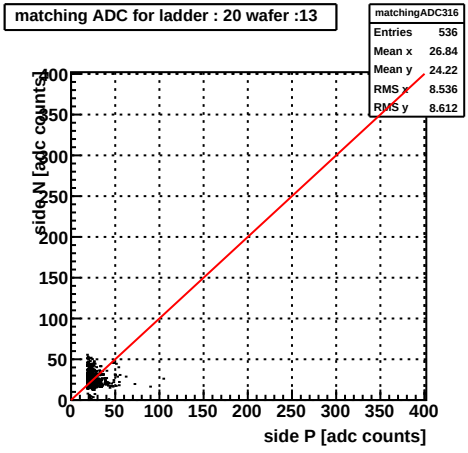

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 145
Mean x 56.39
Mean y 20.68
RMS x 45.58
RMS y 5.532
side N [adc counts]
side P [adc counts]

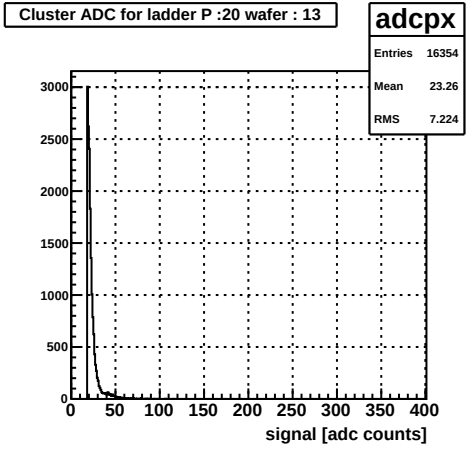

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 16697
Mean 28.25
RMS 20.89
signal [adc counts]

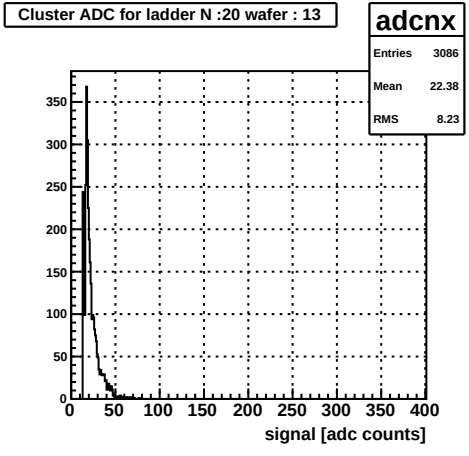

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2205
Mean 22.18
RMS 6.977
signal [adc counts]

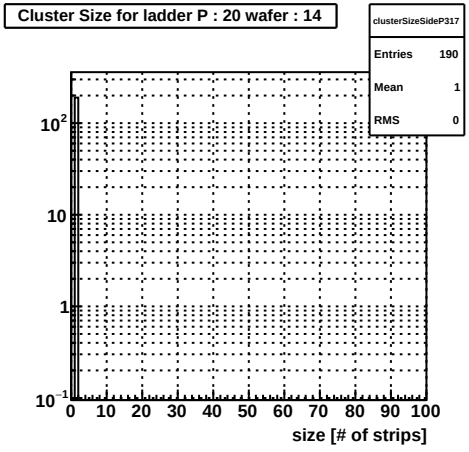

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 16354
Mean 1.046
RMS 0.2329
size [# of strips]

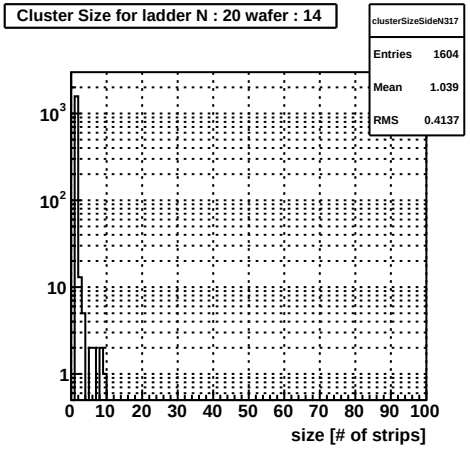

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3086
Mean 1.028
RMS 0.1952
size [# of strips]

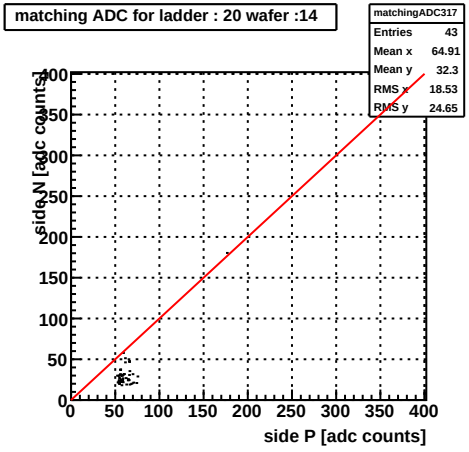

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 536
Mean x 26.84
Mean y 24.22
RMS x 8.536
RMS y 8.612
side N [adc counts]
side P [adc counts]

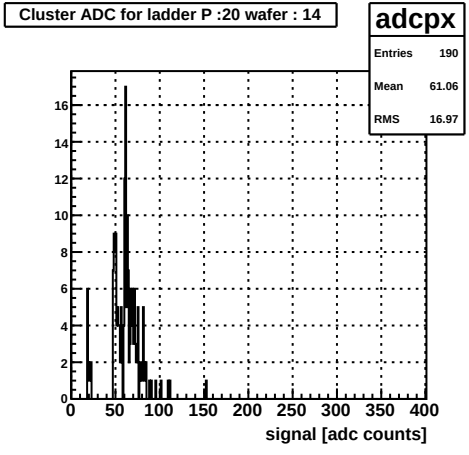

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 16354
Mean 23.26
RMS 7.224
signal [adc counts]

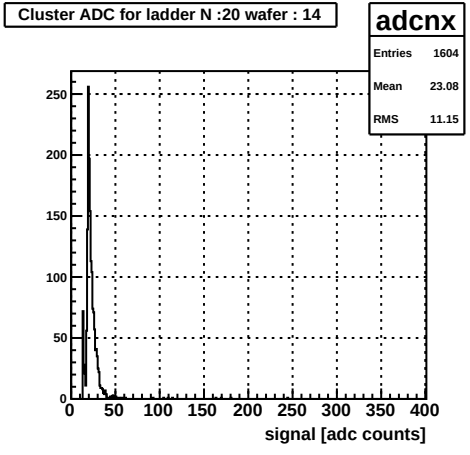

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3086
Mean 22.38
RMS 8.23
signal [adc counts]

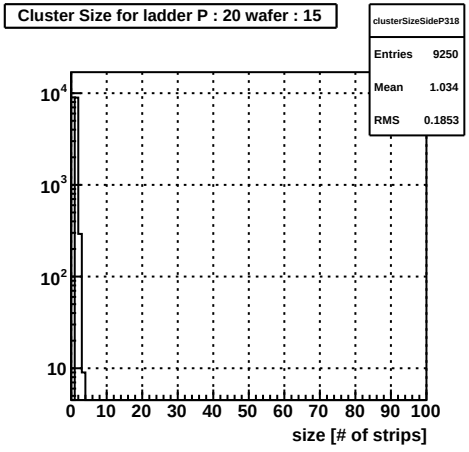

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 190
Mean 1
RMS 0
size [# of strips]

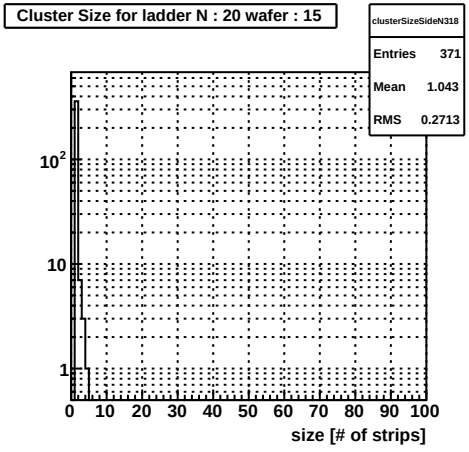

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1604
Mean 1.039
RMS 0.4137
size [# of strips]

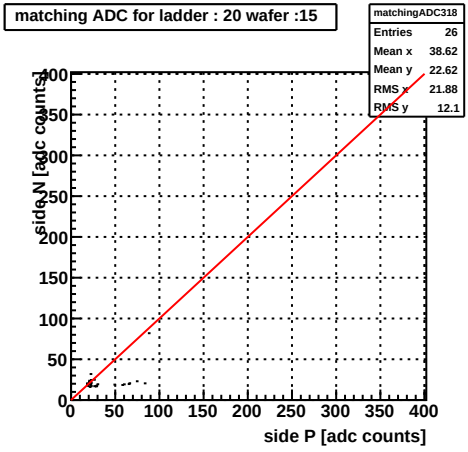

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 43
Mean x 64.91
Mean y 32.3
RMS x 18.53
RMS y 24.65
side N [adc counts]
side P [adc counts]

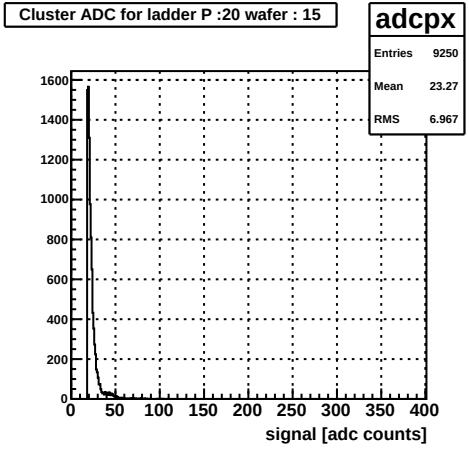

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 190
Mean 61.06
RMS 16.97
signal [adc counts]

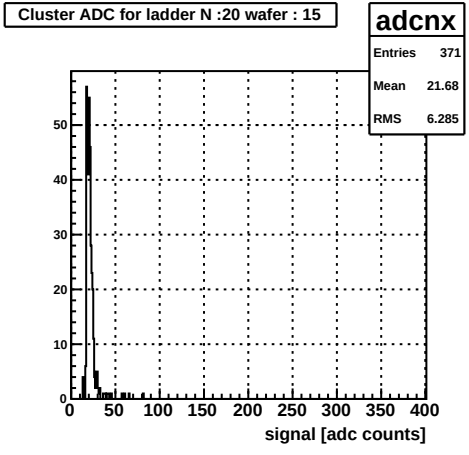

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1604
Mean 23.08
RMS 11.15
signal [adc counts]

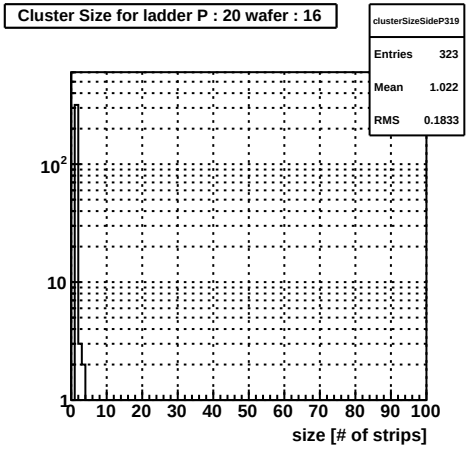

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 9250
Mean 1.034
RMS 0.1853
size [# of strips]

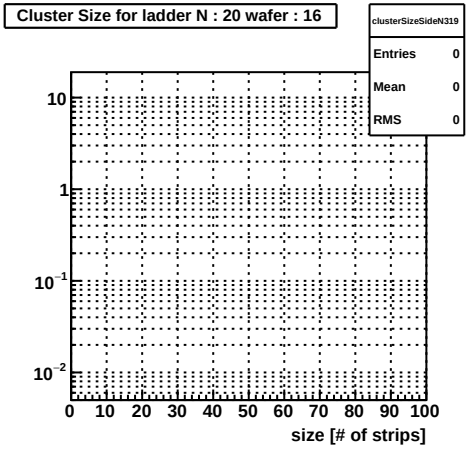

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 371
Mean 1.043
RMS 0.2713
size [# of strips]

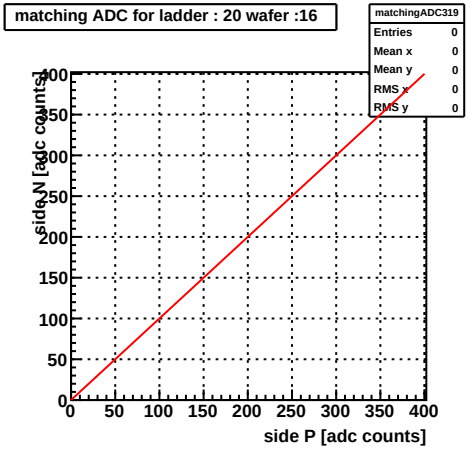

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 26
Mean x 38.62
Mean y 22.62
RMS x 21.88
RMS y 12.1
side N [adc counts]
side P [adc counts]

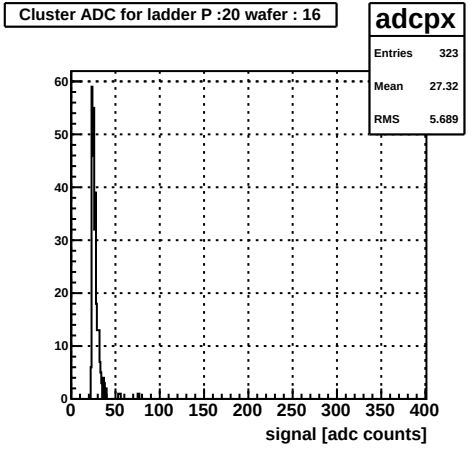

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 9250
Mean 23.27
RMS 6.967
signal [adc counts]

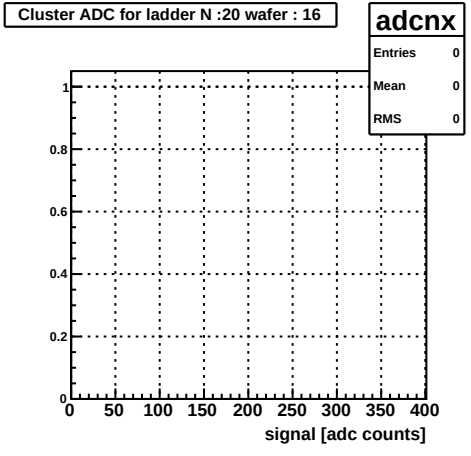

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 371
Mean 21.68
RMS 6.285
signal [adc counts]

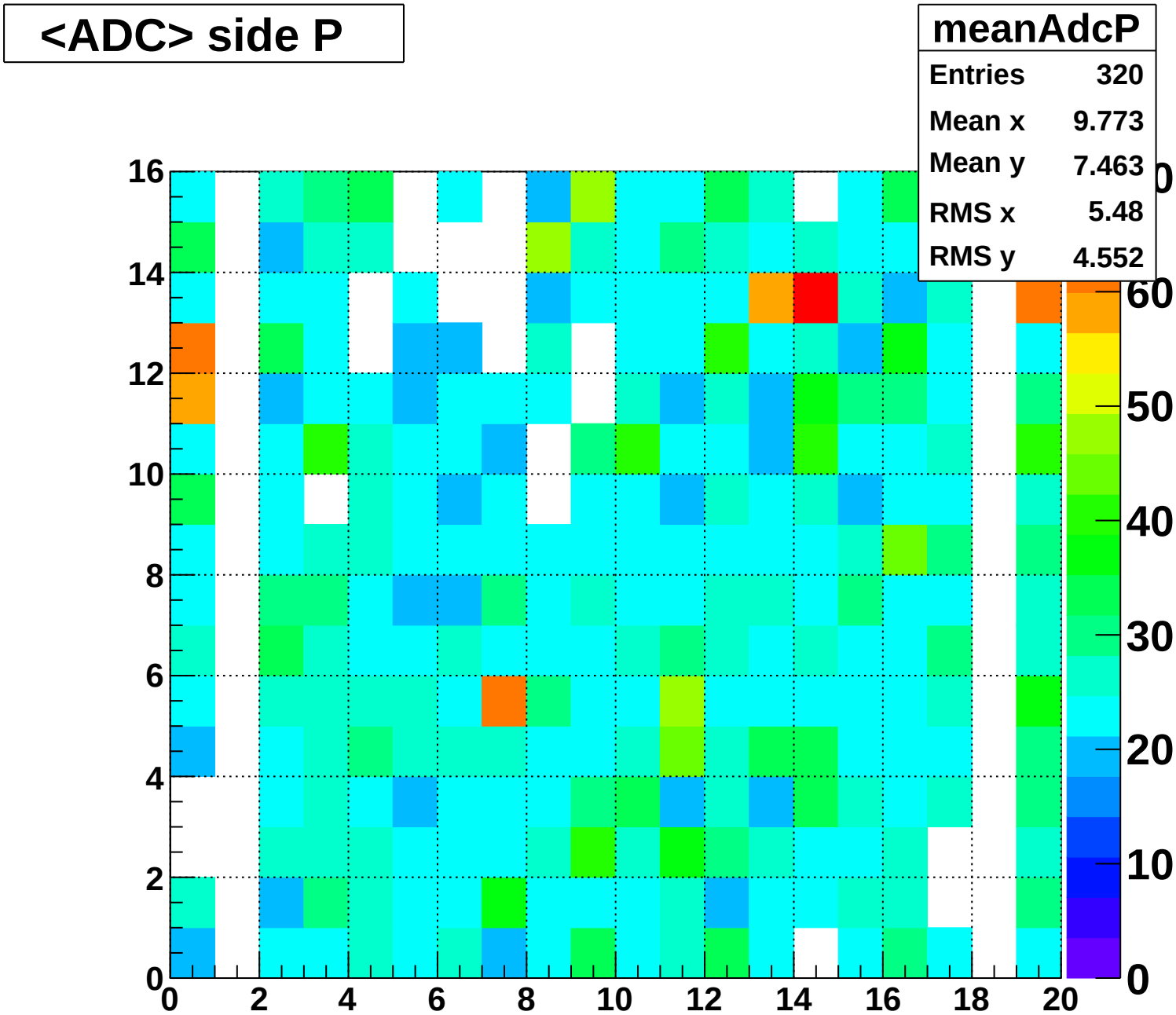

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 323
Mean 1.022
RMS 0.1833
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 0
Mean 0
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 323
Mean 27.32
RMS 5.689
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]



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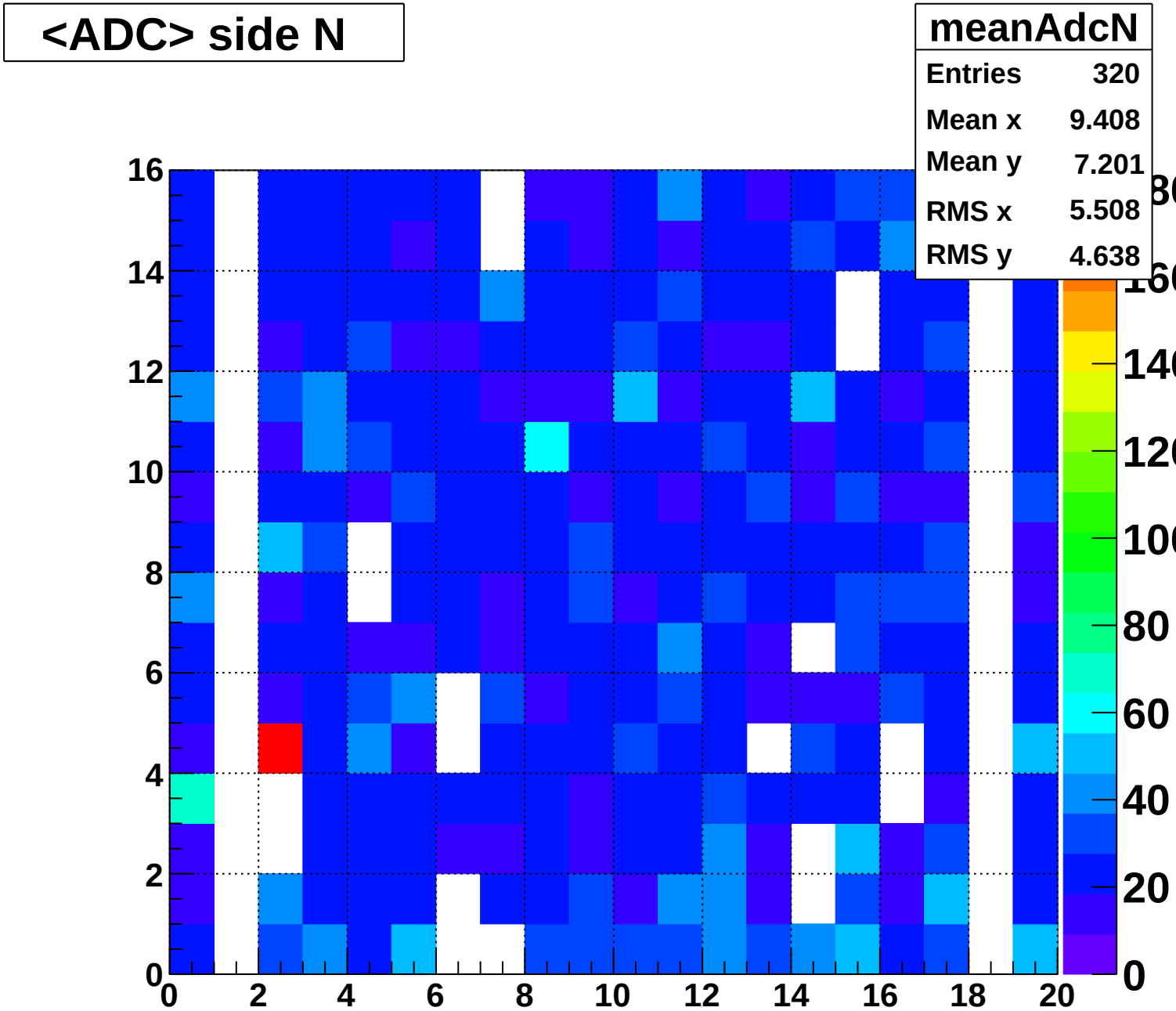

2016-05-27 12:26:26