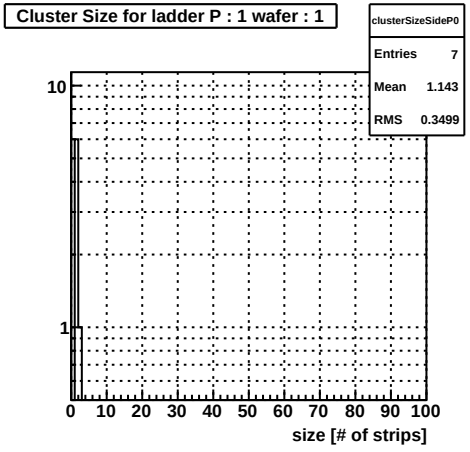
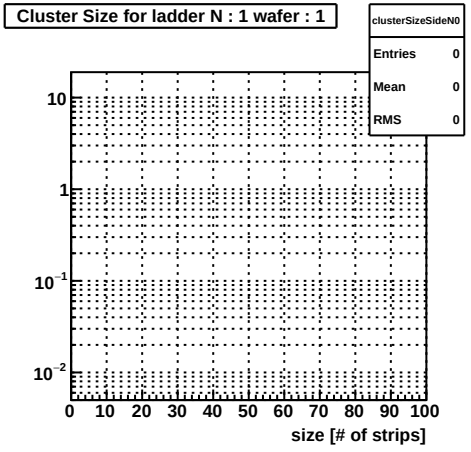
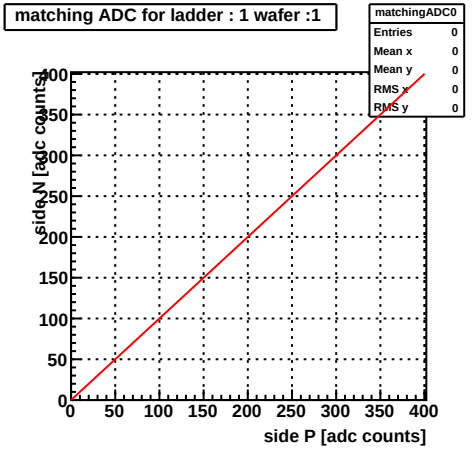
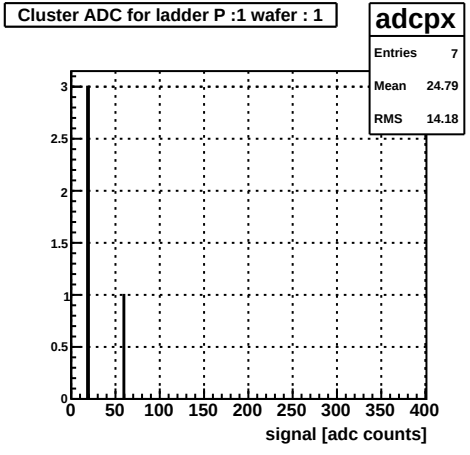
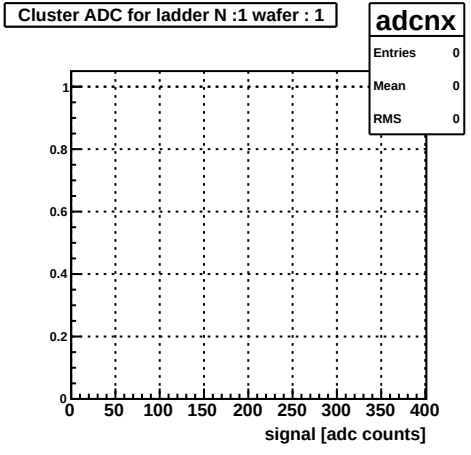
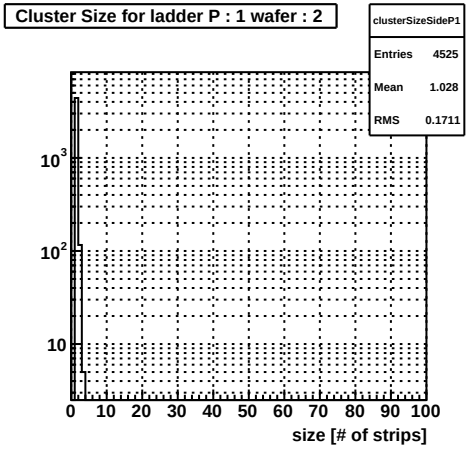

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

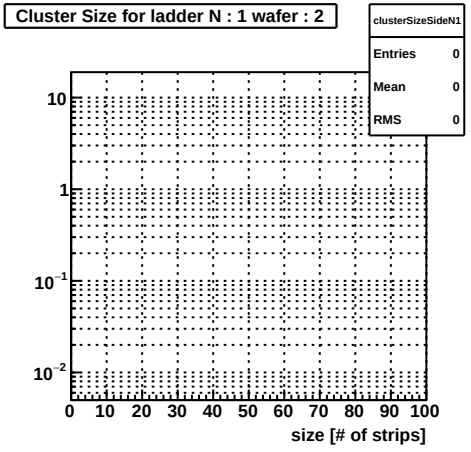

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

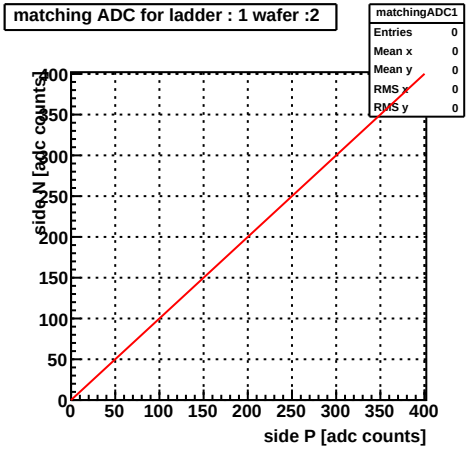

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

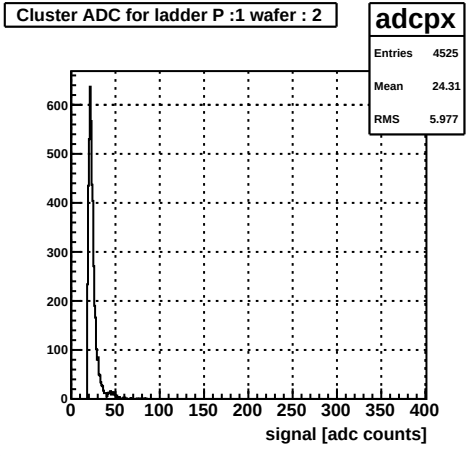

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 7
Mean 24.79
RMS 14.18
signal [adc counts]

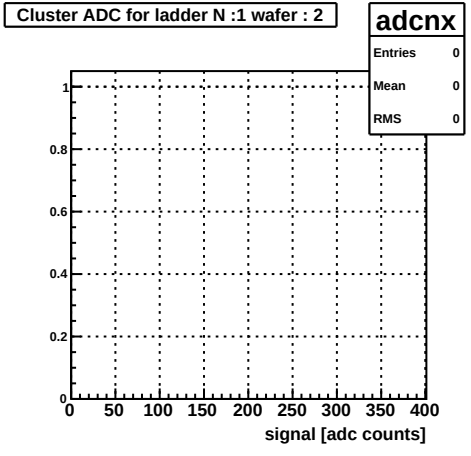

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

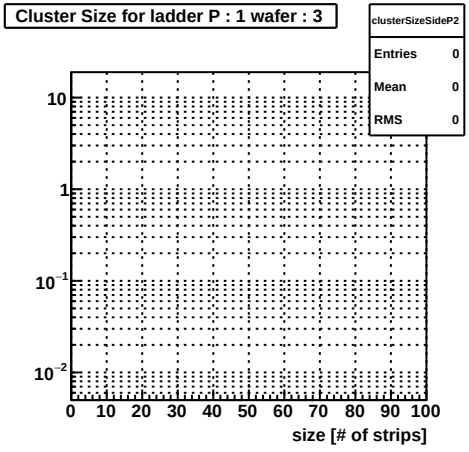

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4525
Mean 1.028
RMS 0.1711
size [# of strips]

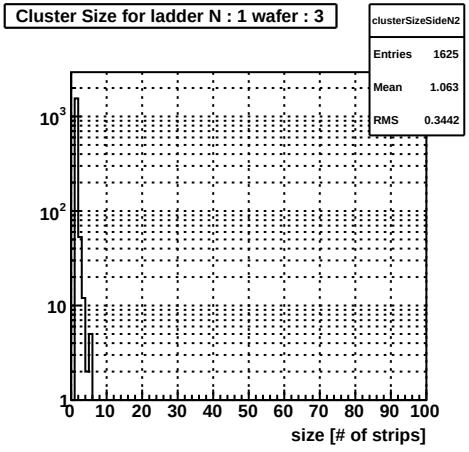

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

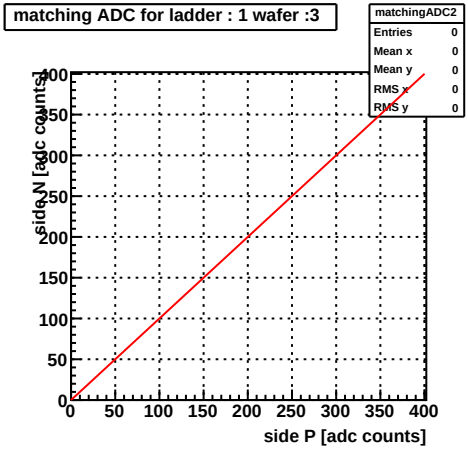

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

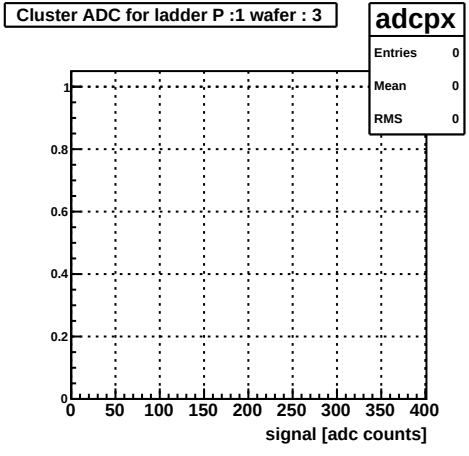

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4525
Mean 24.31
RMS 5.977
signal [adc counts]

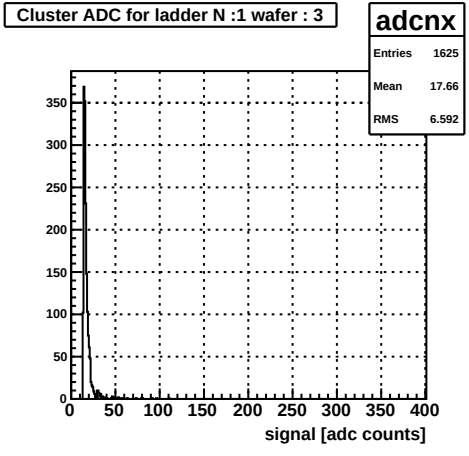

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

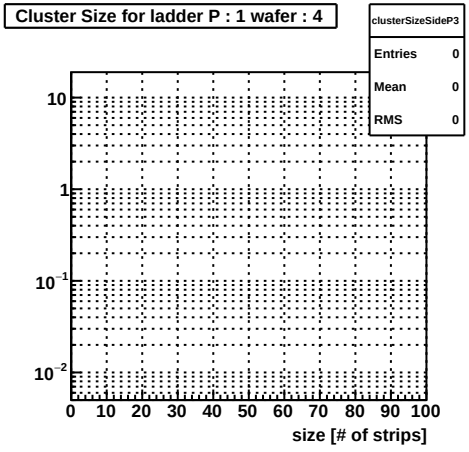

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

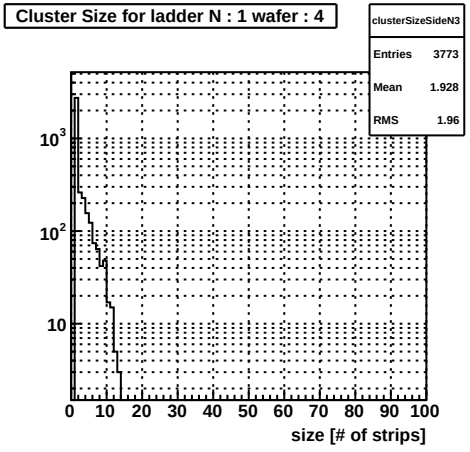

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1625
Mean 1.063
RMS 0.3442
size [# of strips]

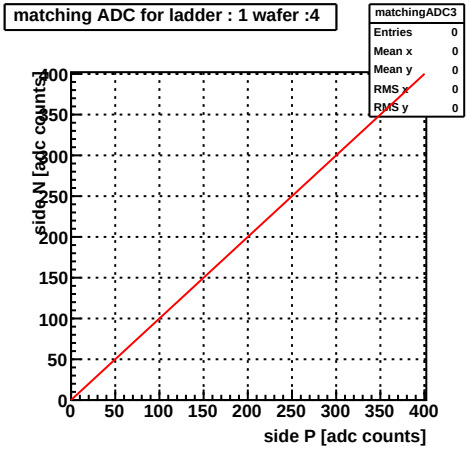

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

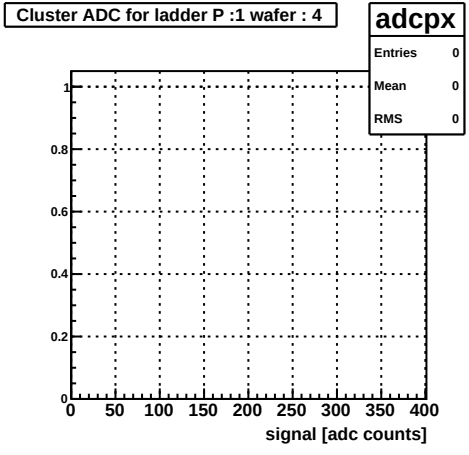

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

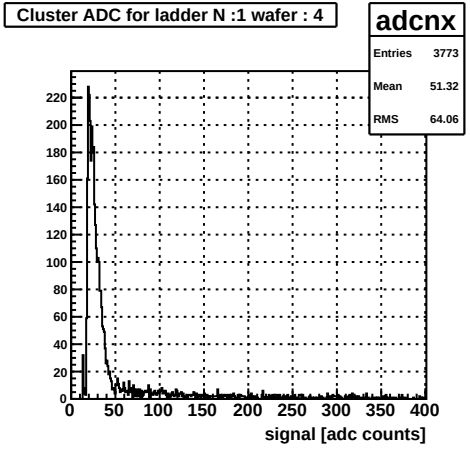

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1625
Mean 17.66
RMS 6.592
signal [adc counts]

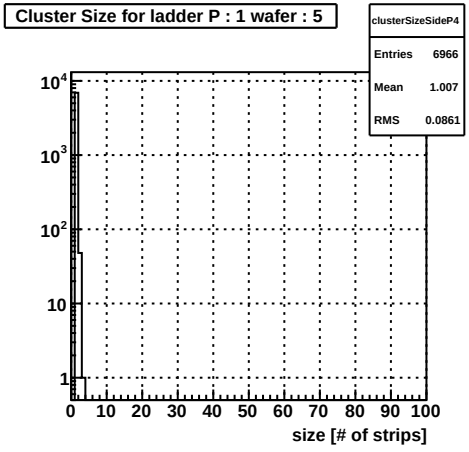

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

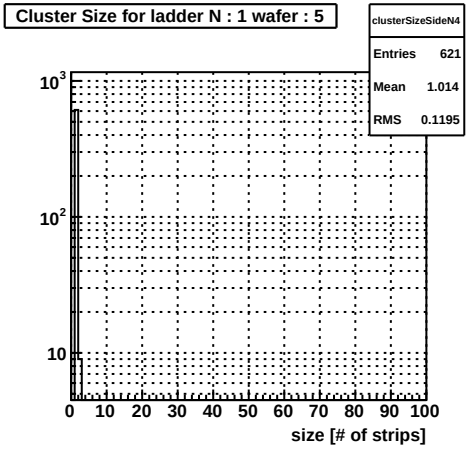

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3773
Mean 1.928
RMS 1.96
size [# of strips]

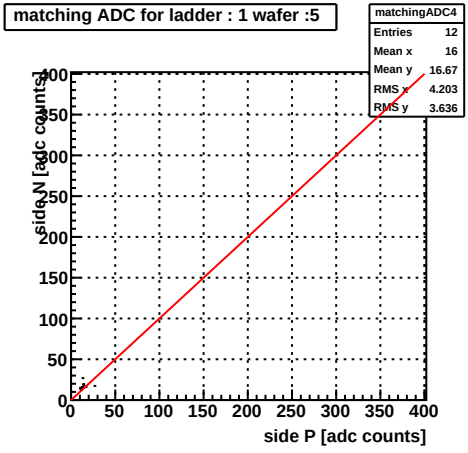

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

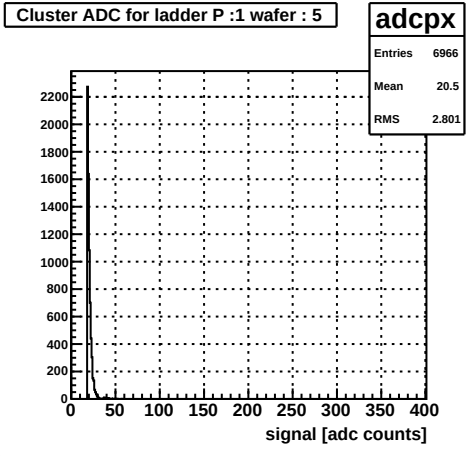

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

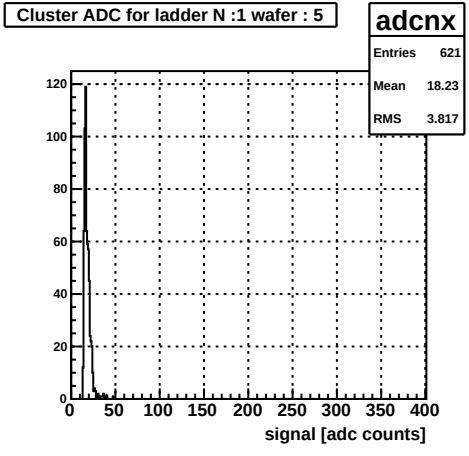

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3773
Mean 51.32
RMS 64.06
signal [adc counts]

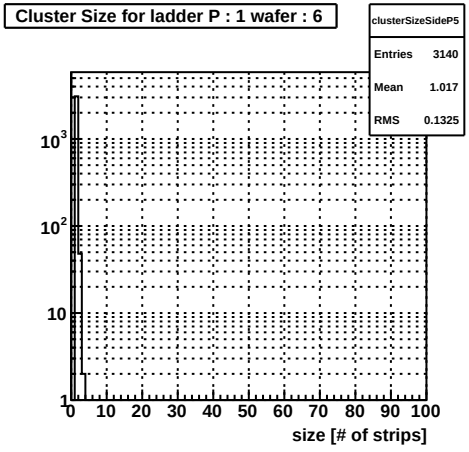

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6966
Mean 1.007
RMS 0.0861
size [# of strips]

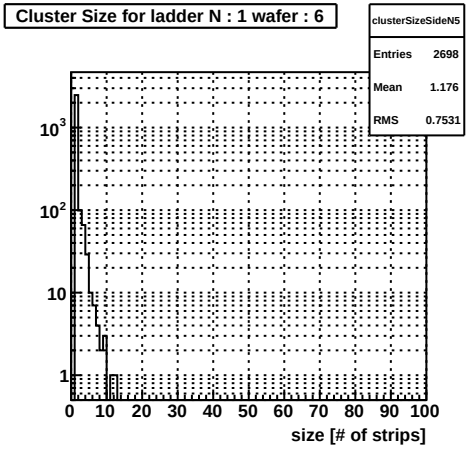

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 621
Mean 1.014
RMS 0.1195
size [# of strips]

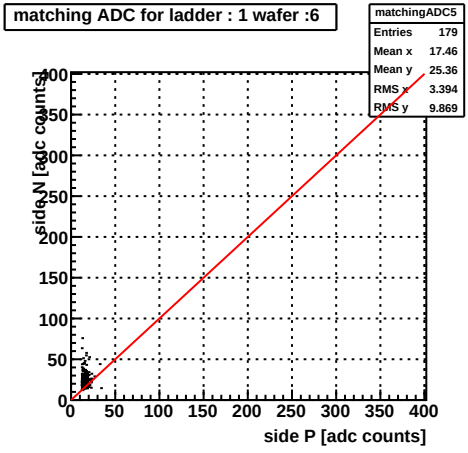

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 12
Mean x 16
Mean y 16.67
RMS x 4.203
RMS y 3.636
side N [adc counts]
side P [adc counts]

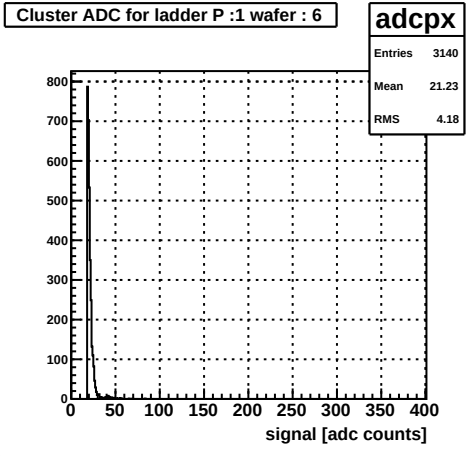

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6966
Mean 20.5
RMS 2.801
signal [adc counts]

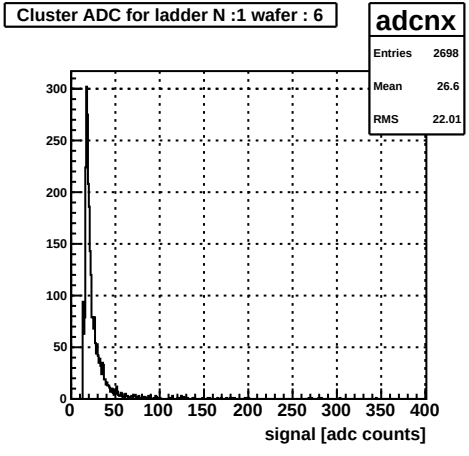

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 621
Mean 18.23
RMS 3.817
signal [adc counts]

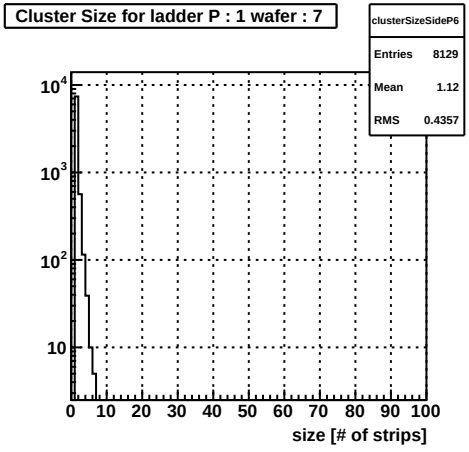

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 3140
Mean 1.017
RMS 0.1325
size [# of strips]

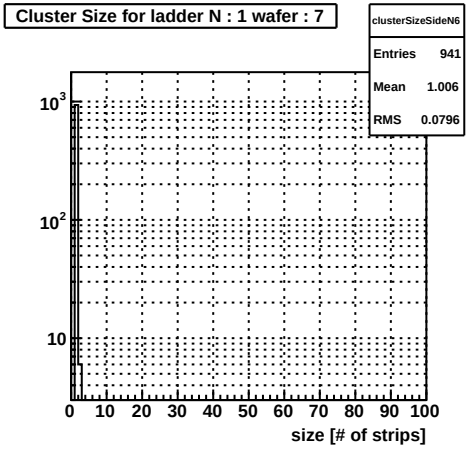

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2698
Mean 1.176
RMS 0.7531
size [# of strips]

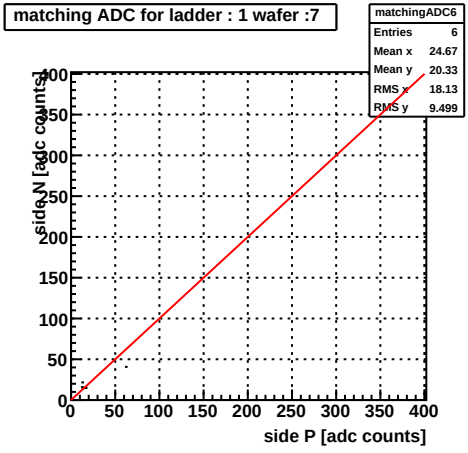

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 179
Mean x 17.46
Mean y 25.36
RMS x 3.394
RMS y 9.869
side N [adc counts]
side P [adc counts]

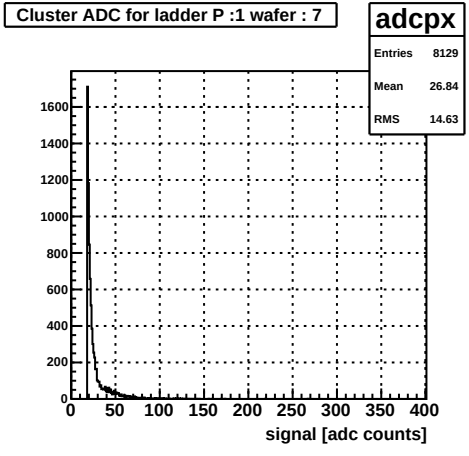

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 3140
Mean 21.23
RMS 4.18
signal [adc counts]

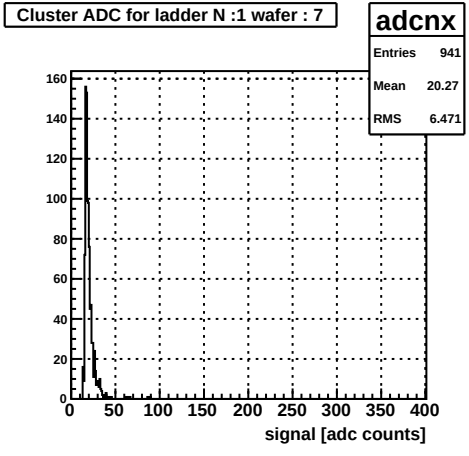

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2698
Mean 26.6
RMS 22.01
signal [adc counts]

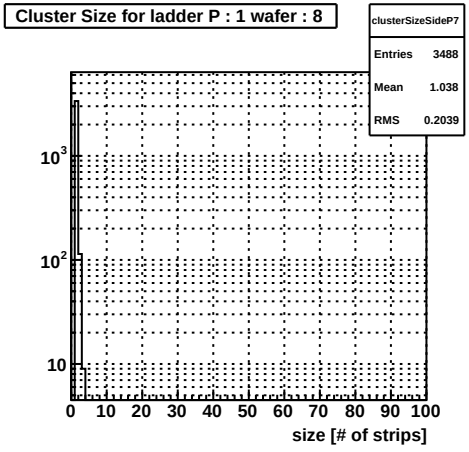

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8129
Mean 1.12
RMS 0.4357
size [# of strips]

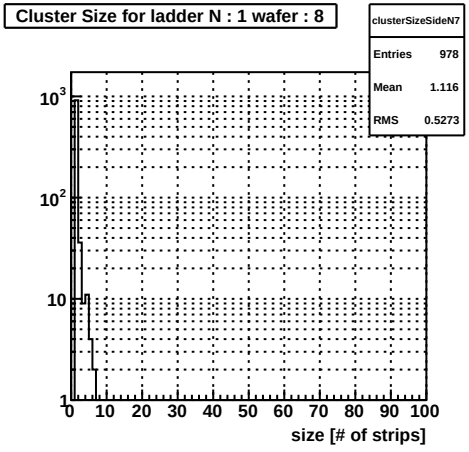

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 941
Mean 1.006
RMS 0.0796
size [# of strips]

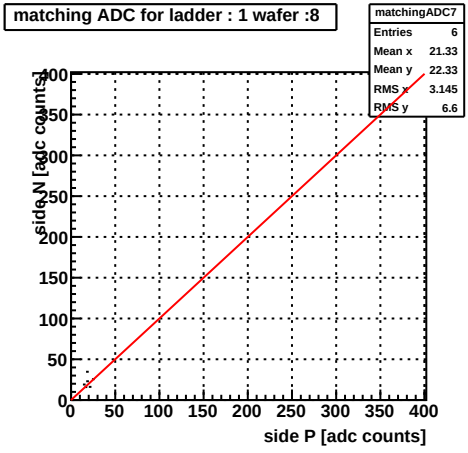

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6
Mean x 24.67
Mean y 20.33
RMS x 18.13
RMS y 9.499
side N [adc counts]
side P [adc counts]

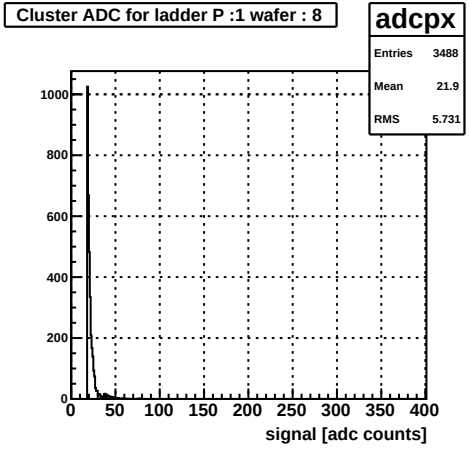

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8129
Mean 26.84
RMS 14.63
signal [adc counts]

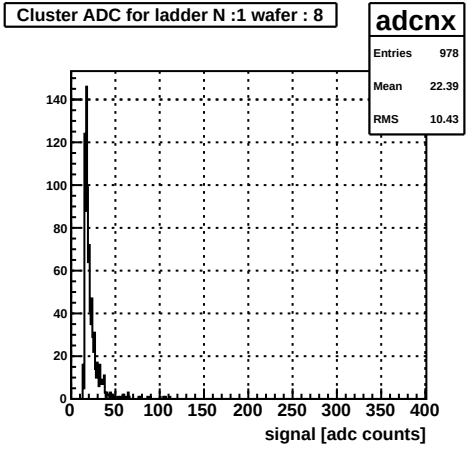

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 941
Mean 20.27
RMS 6.471
signal [adc counts]

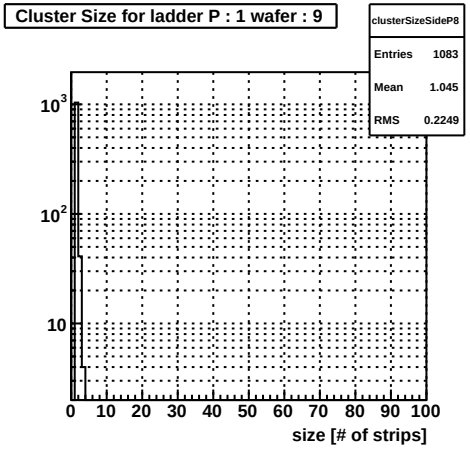

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3488
Mean 1.038
RMS 0.2039
size [# of strips]

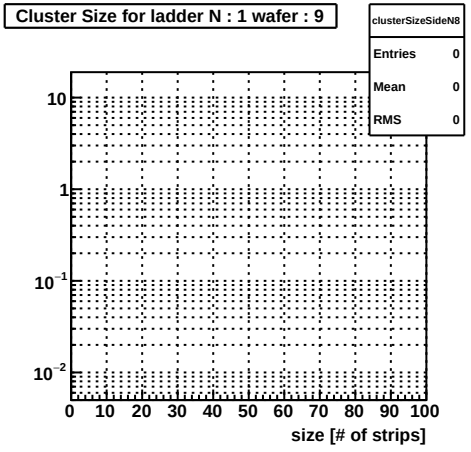

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 978
Mean 1.116
RMS 0.5273
size [# of strips]

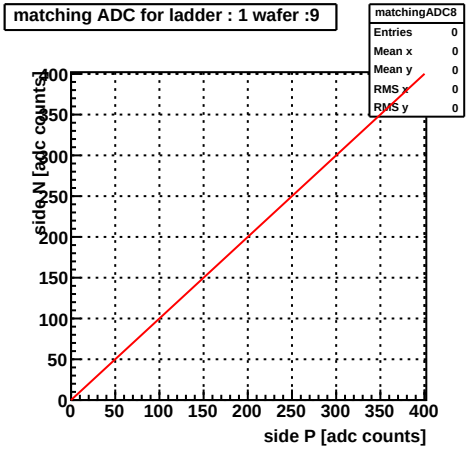

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 6
Mean x 21.33
Mean y 22.33
RMS x 3.145
RMS y 6.6
side N [adc counts]
side P [adc counts]

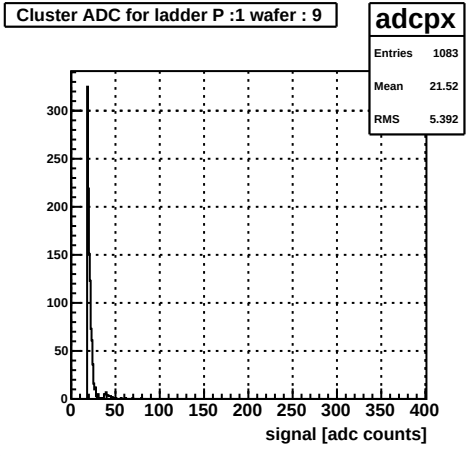

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3488
Mean 21.9
RMS 5.731
signal [adc counts]

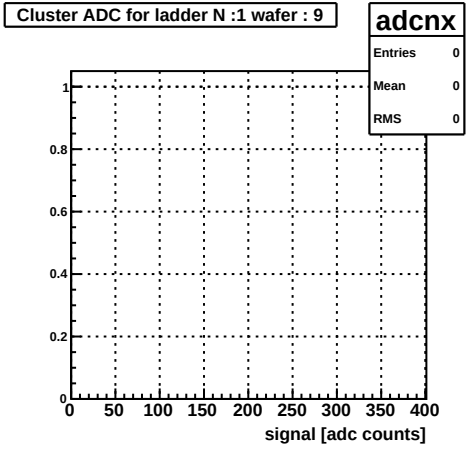

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 978
Mean 22.39
RMS 10.43
signal [adc counts]

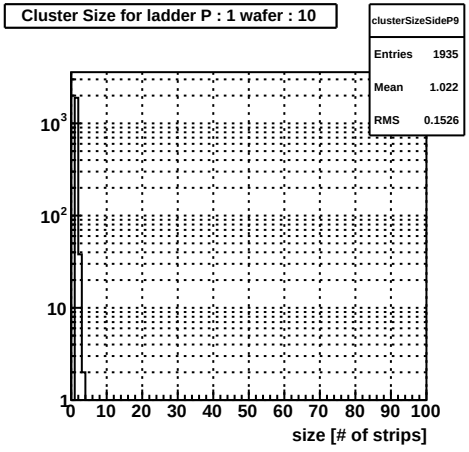

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1083
Mean 1.045
RMS 0.2249
size [# of strips]

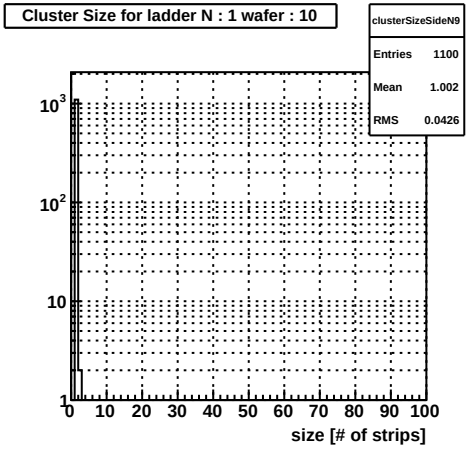

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 0
Mean 0
RMS 0
size [# of strips]

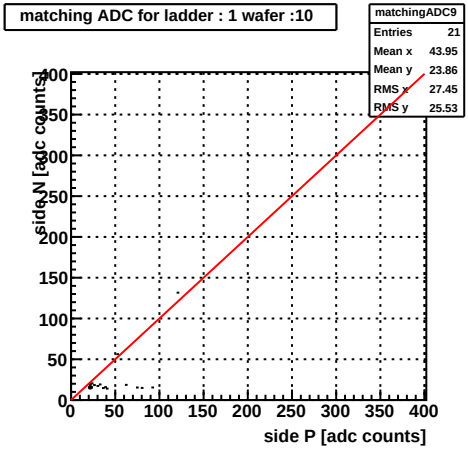

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

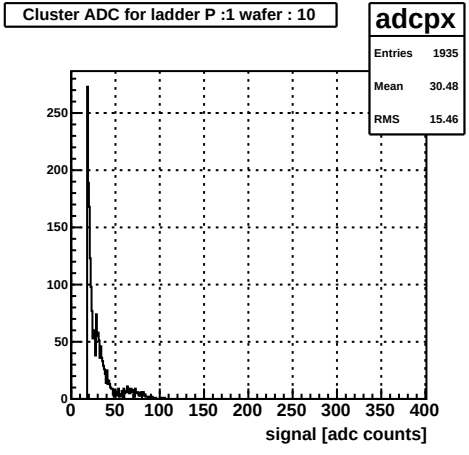

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1083
Mean 21.52
RMS 5.392
signal [adc counts]

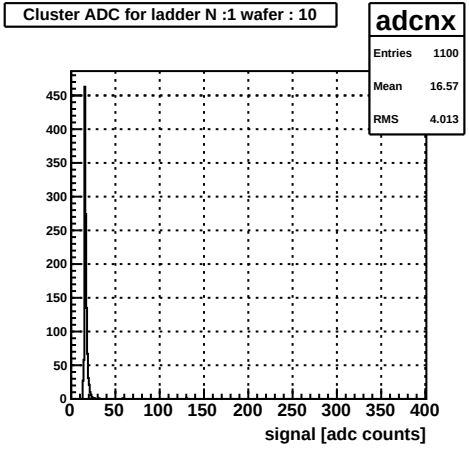

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

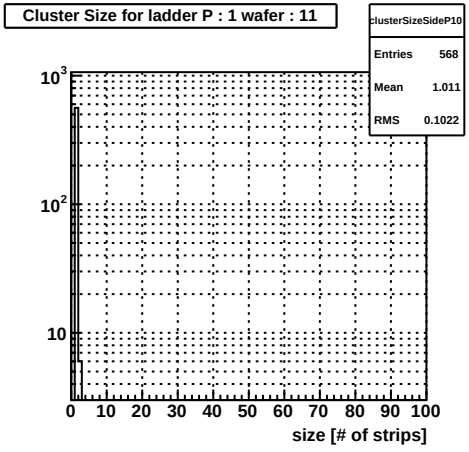

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1935
Mean 1.022
RMS 0.1526
size [# of strips]

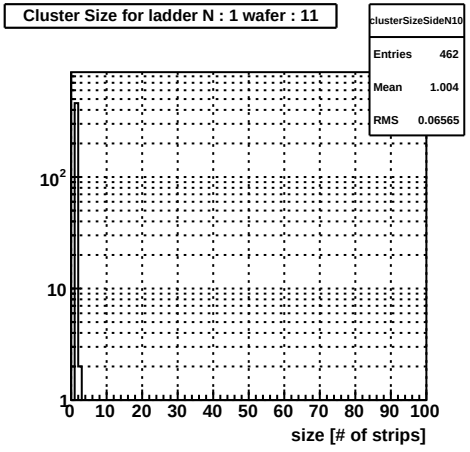

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1100
Mean 1.002
RMS 0.0426
size [# of strips]

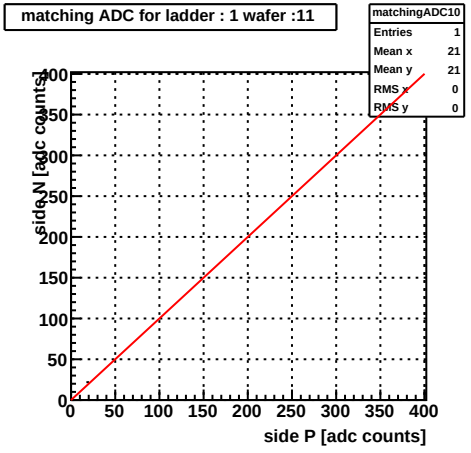

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 21
Mean x 43.95
Mean y 23.86
RMS x 27.45
RMS y 25.53
side N [adc counts]
side P [adc counts]

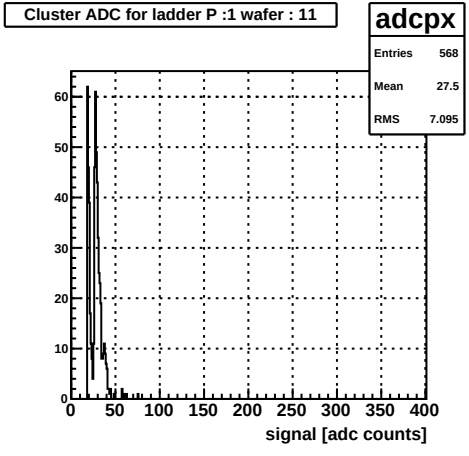

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1935
Mean 30.48
RMS 15.46
signal [adc counts]

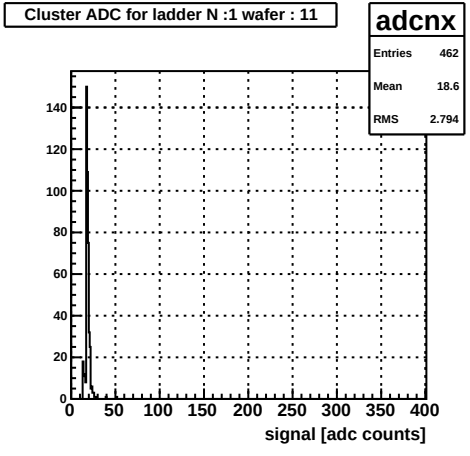

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1100
Mean 16.57
RMS 4.013
signal [adc counts]

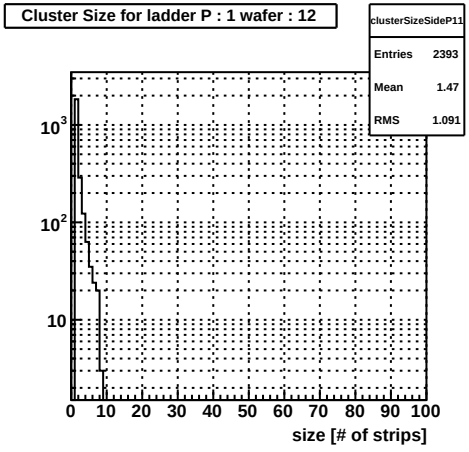

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 568
Mean 1.011
RMS 0.1022
size [# of strips]

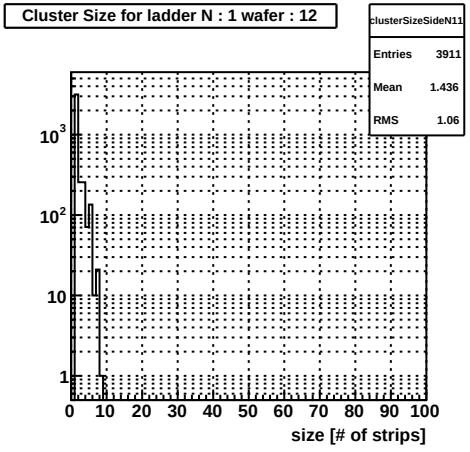

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 462
Mean 1.004
RMS 0.06565
size [# of strips]

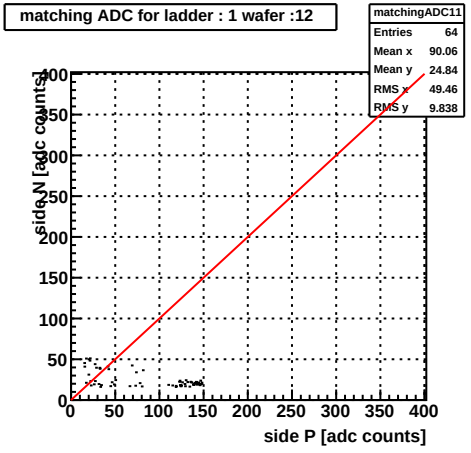

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 1
Mean x 21
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

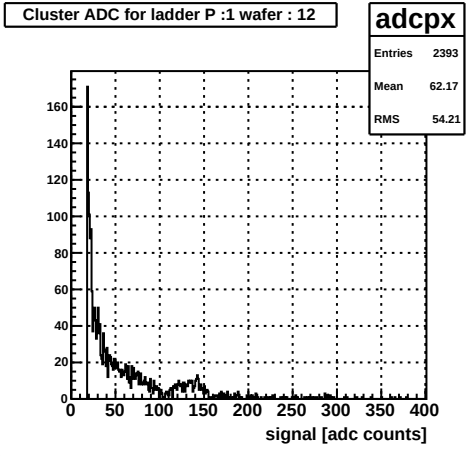

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 568
Mean 27.5
RMS 7.095
signal [adc counts]

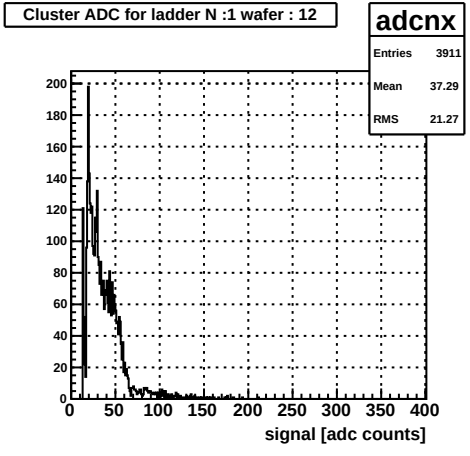

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 462
Mean 18.6
RMS 2.794
signal [adc counts]

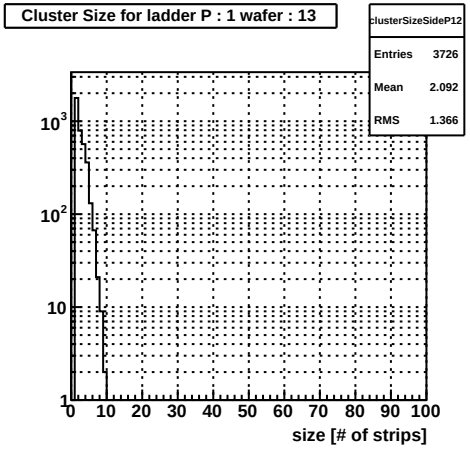

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2393
Mean 1.47
RMS 1.091
size [# of strips]

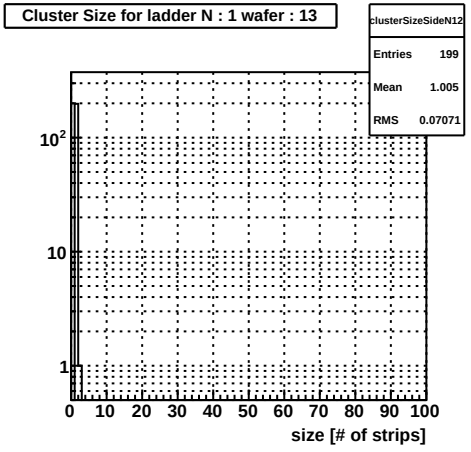

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3911
Mean 1.436
RMS 1.06
size [# of strips]

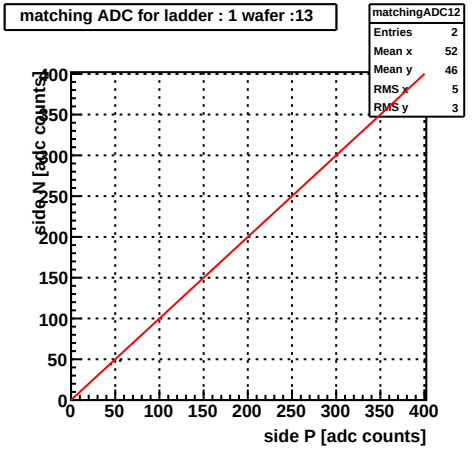

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 64
Mean x 90.06
Mean y 24.84
RMS x 49.46
RMS y 9.838
side N [adc counts]
side P [adc counts]

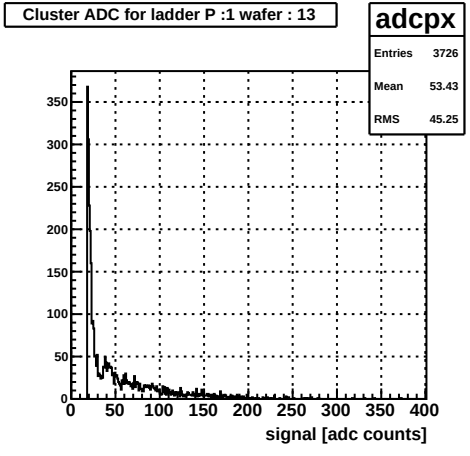

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2393
Mean 62.17
RMS 54.21
signal [adc counts]

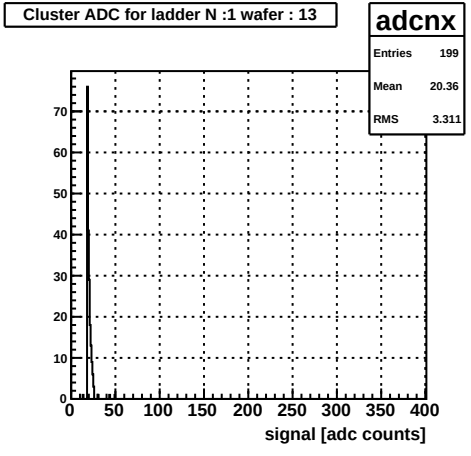

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3911
Mean 37.29
RMS 21.27
signal [adc counts]

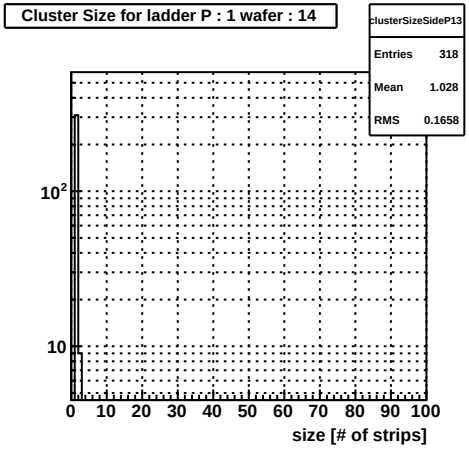

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 3726
Mean 2.092
RMS 1.366
size [# of strips]

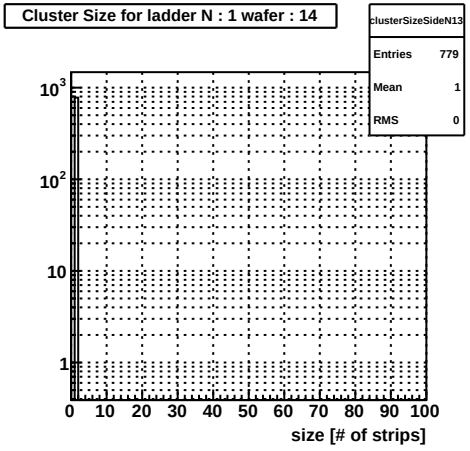

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 199
Mean 1.005
RMS 0.07071
size [# of strips]

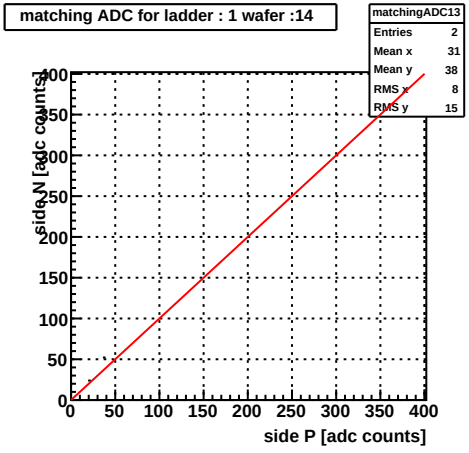

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 2
Mean x 52
Mean y 46
RMS x 5
RMS y 3
side N [adc counts]
side P [adc counts]

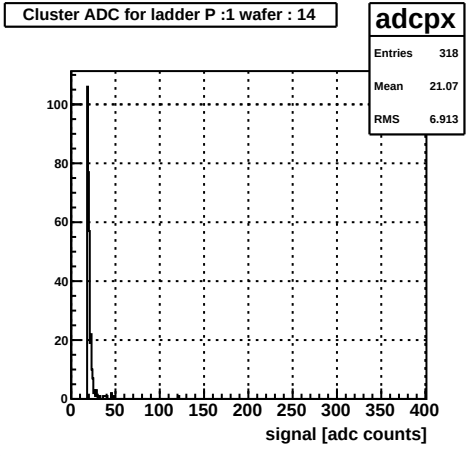

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 3726
Mean 53.43
RMS 45.25
signal [adc counts]

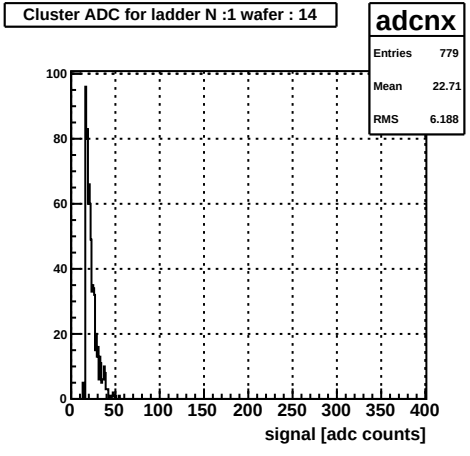

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 199
Mean 20.36
RMS 3.311
signal [adc counts]

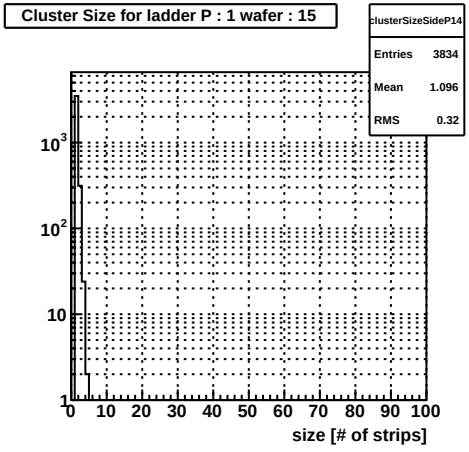

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 318
Mean 1.028
RMS 0.1658
size [# of strips]

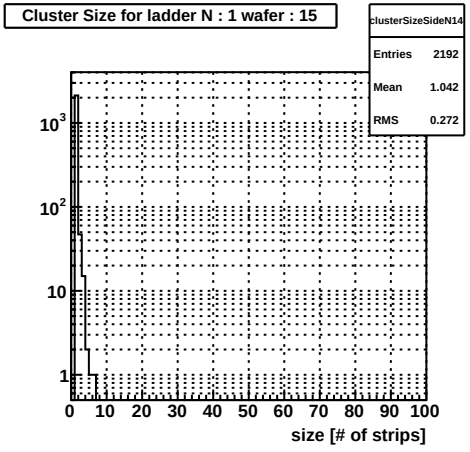

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 779
Mean 1
RMS 0
size [# of strips]

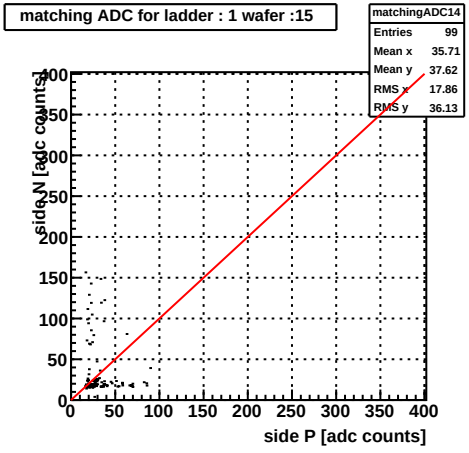

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 2
Mean x 31
Mean y 38
RMS x 8
RMS y 15
side N [adc counts]
side P [adc counts]

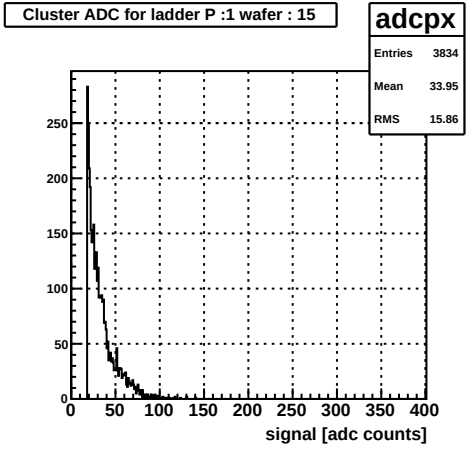

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 318
Mean 21.07
RMS 6.913
signal [adc counts]

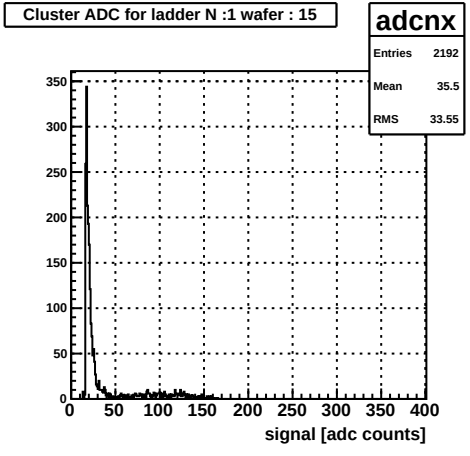

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 779
Mean 22.71
RMS 6.188
signal [adc counts]

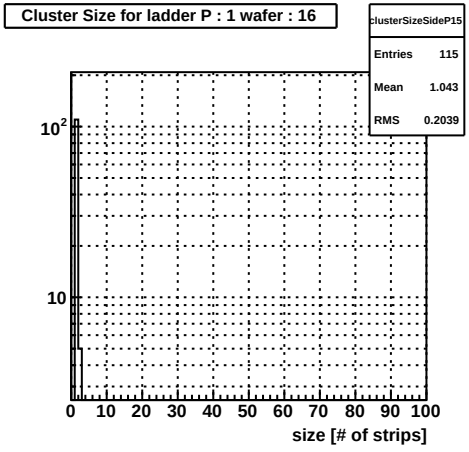

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3834
Mean 1.096
RMS 0.32
size [# of strips]

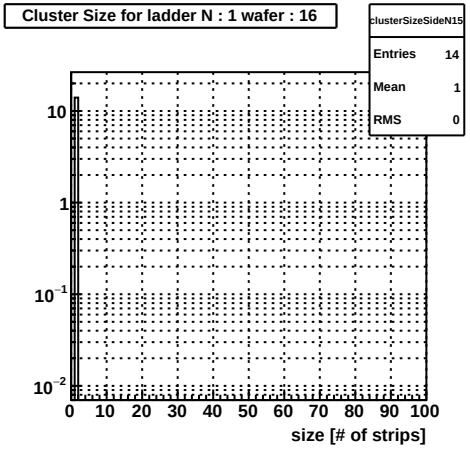

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2192
Mean 1.042
RMS 0.272
size [# of strips]

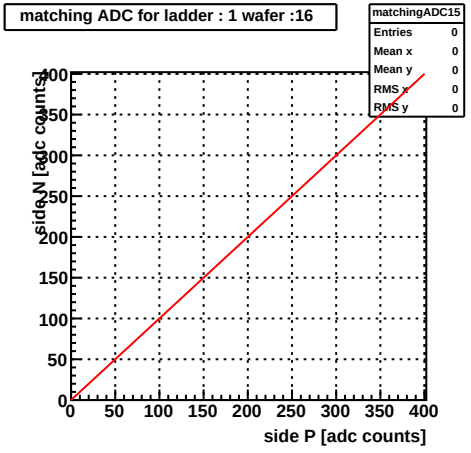

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 99
Mean x 35.71
Mean y 37.62
RMS x 17.86
RMS y 36.13
side N [adc counts]
side P [adc counts]

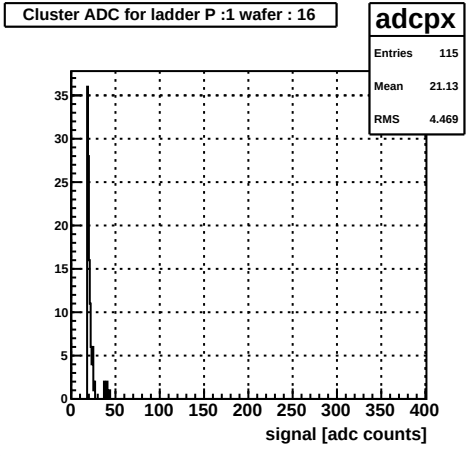

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3834
Mean 33.95
RMS 15.86
signal [adc counts]

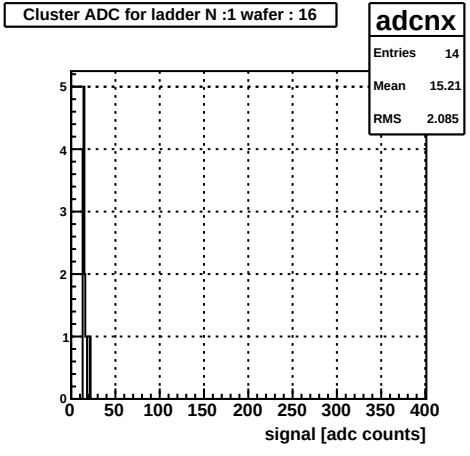

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2192
Mean 35.5
RMS 33.55
signal [adc counts]

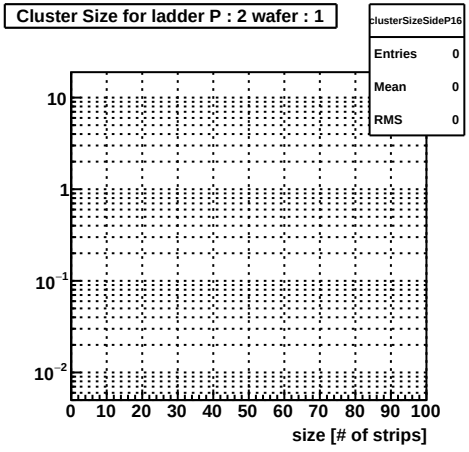

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 115
Mean 1.043
RMS 0.2039
size [# of strips]

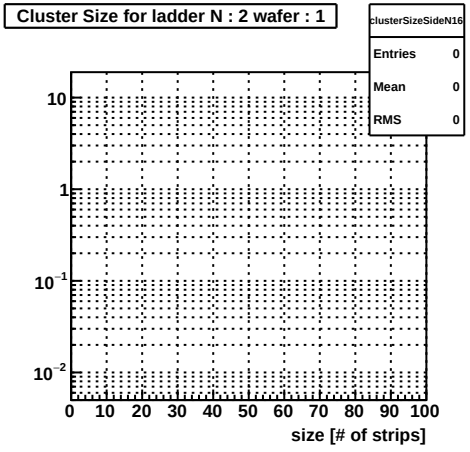

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 14
Mean 1
RMS 0
size [# of strips]

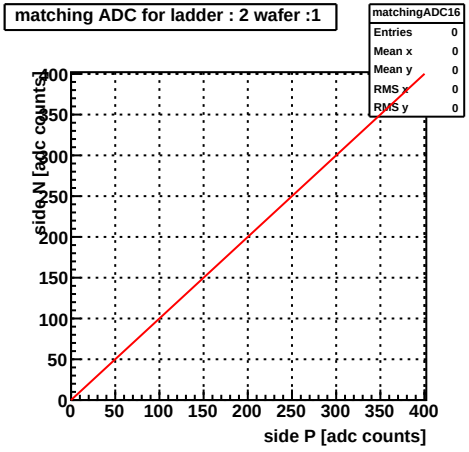

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

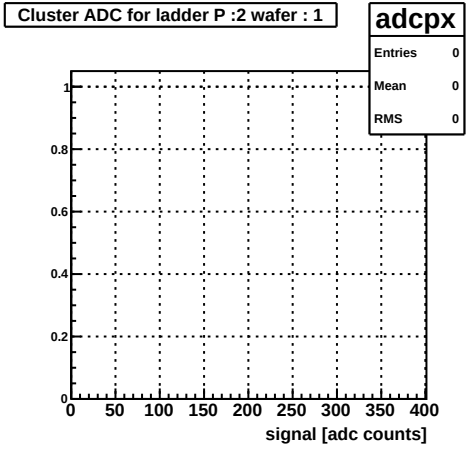

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 115
Mean 21.13
RMS 4.469
signal [adc counts]

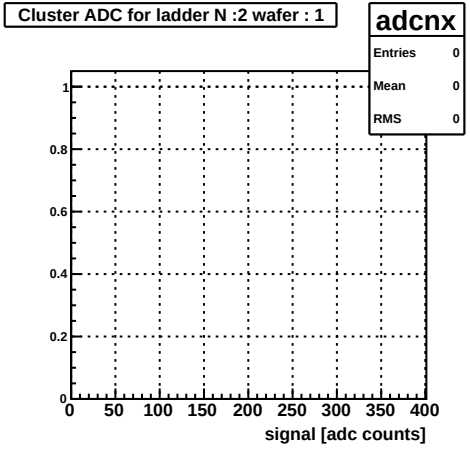

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 14
Mean 15.21
RMS 2.085
signal [adc counts]

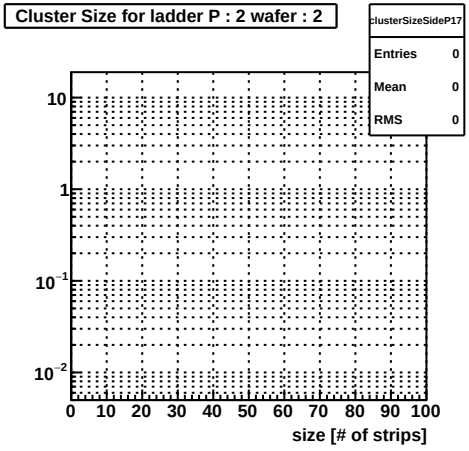

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

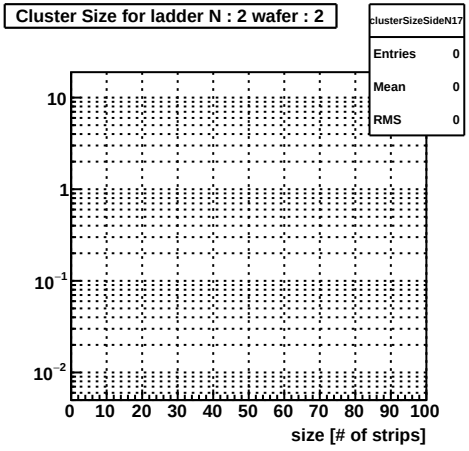

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

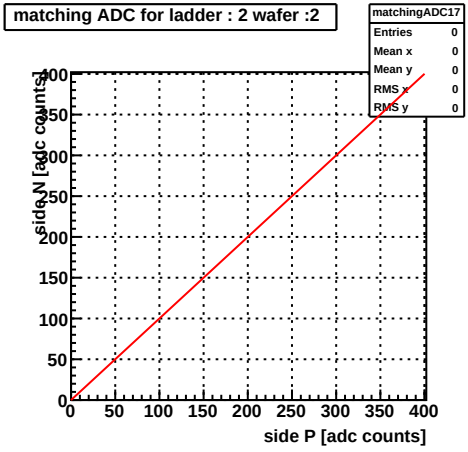

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

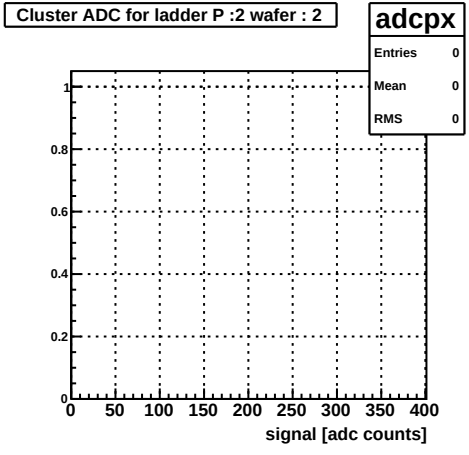

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

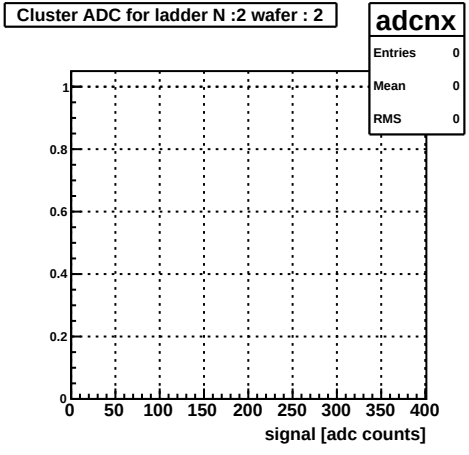

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

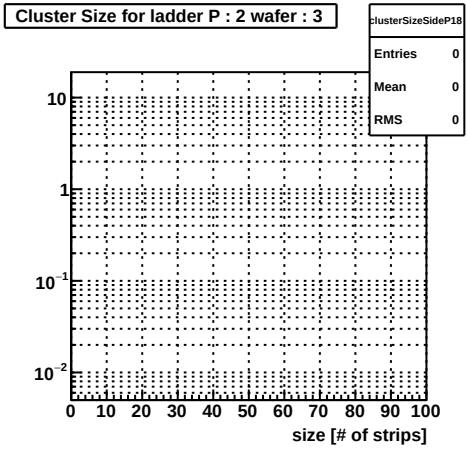

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

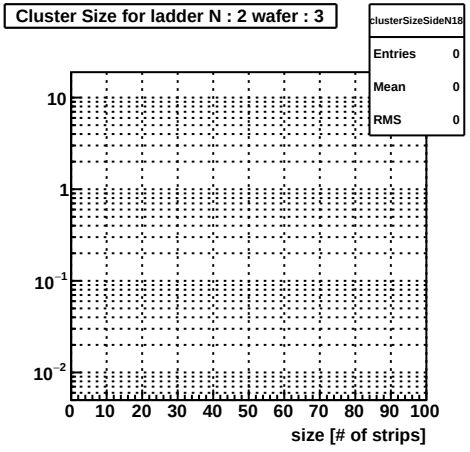

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

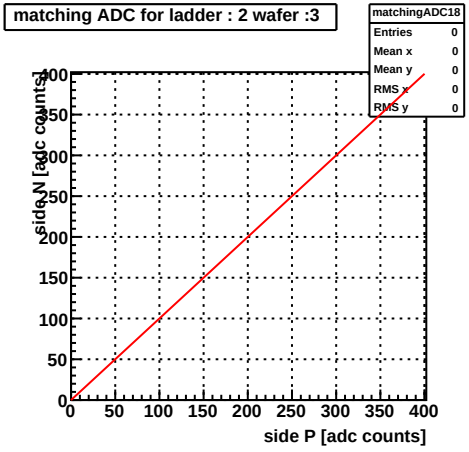

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

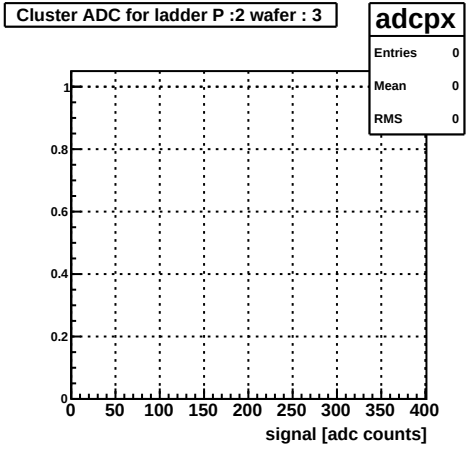

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

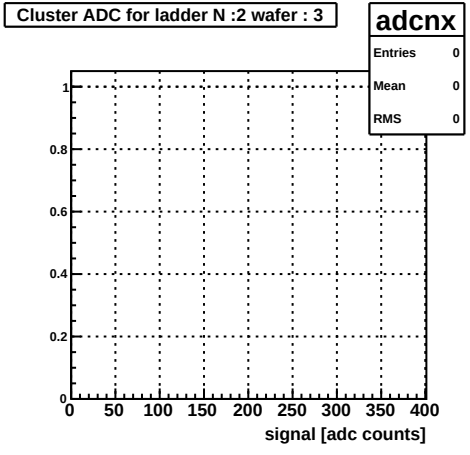

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

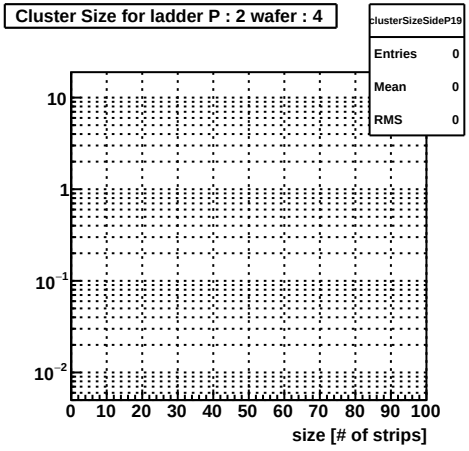

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

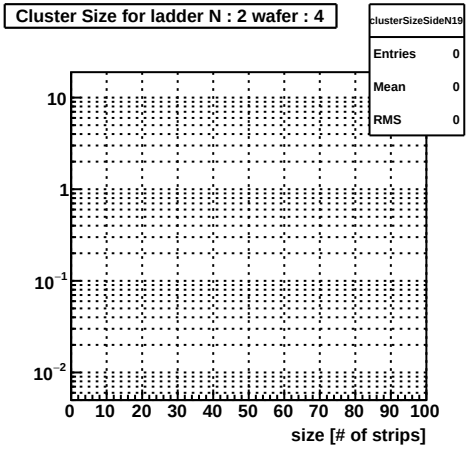

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

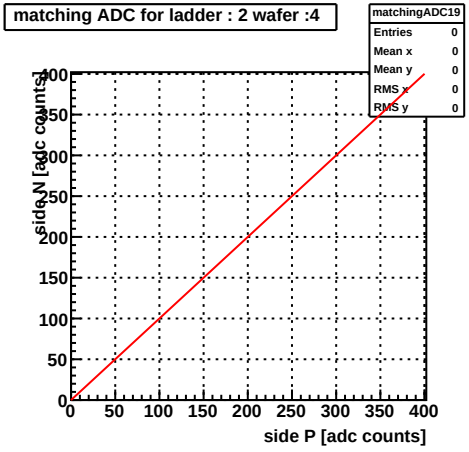

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

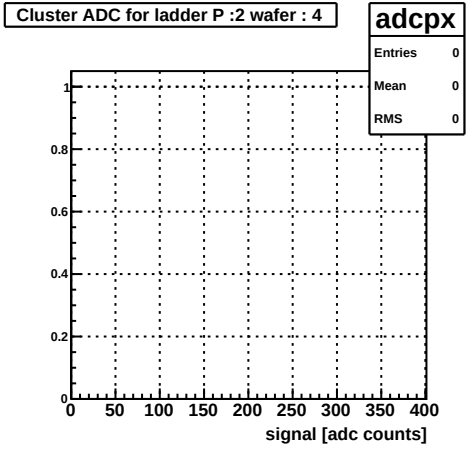

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

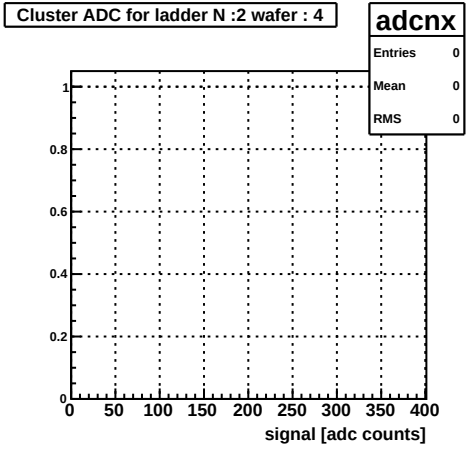

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

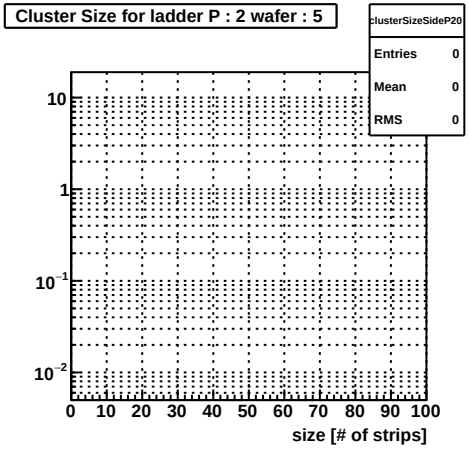

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

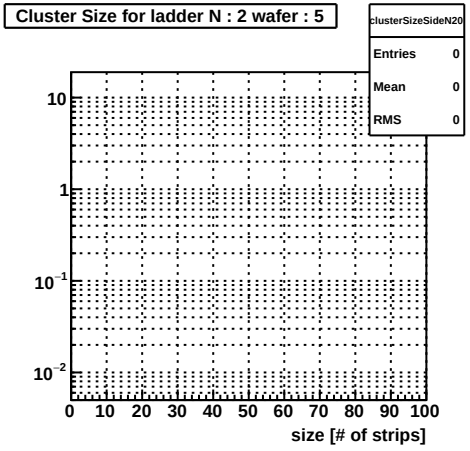

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

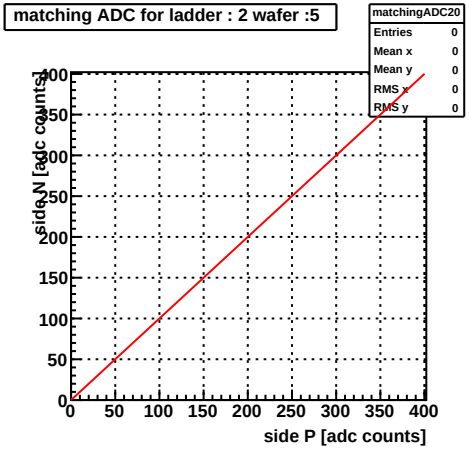

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

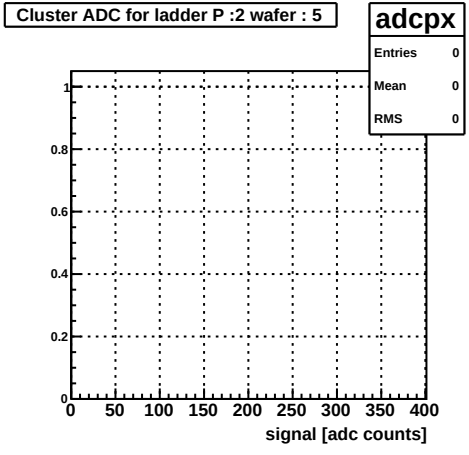

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

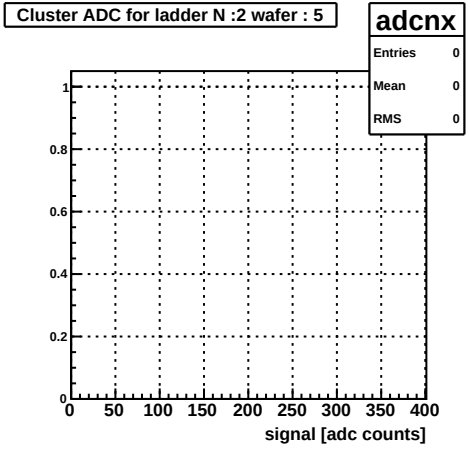

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

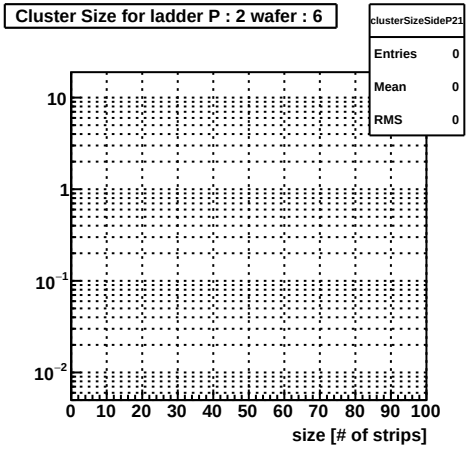

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

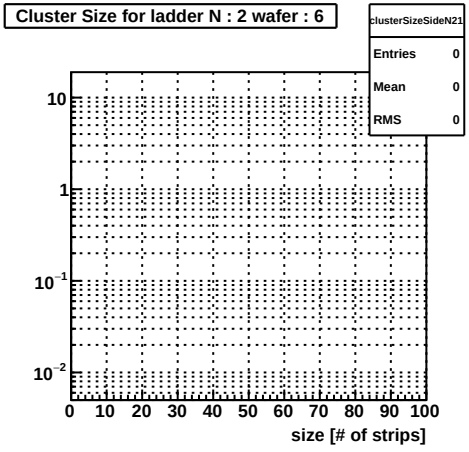

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

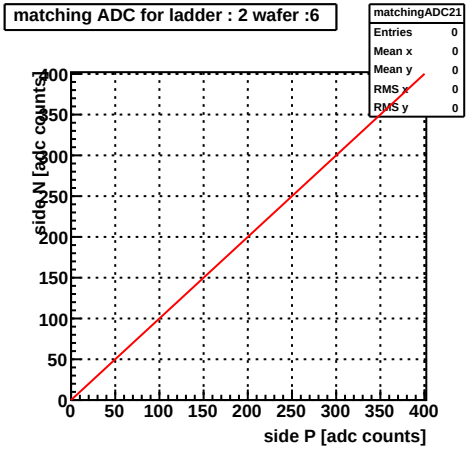

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

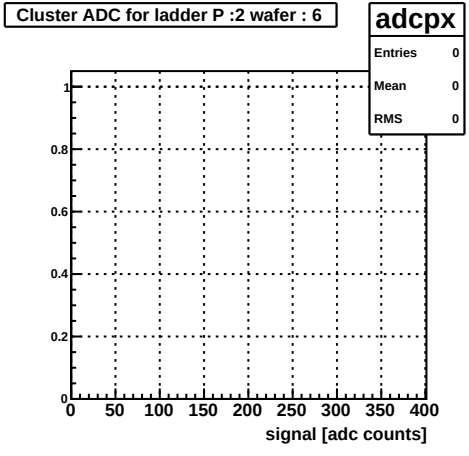

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

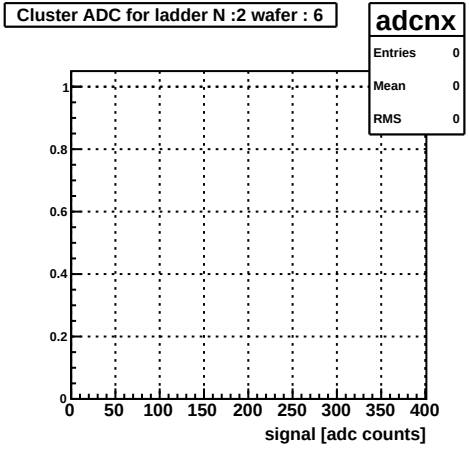

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

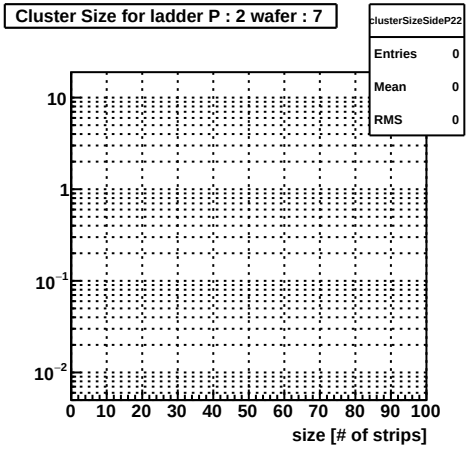

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

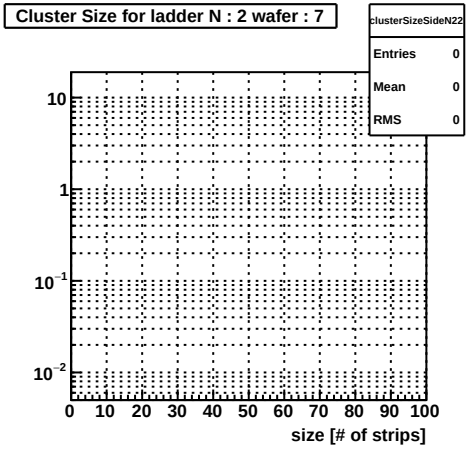

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

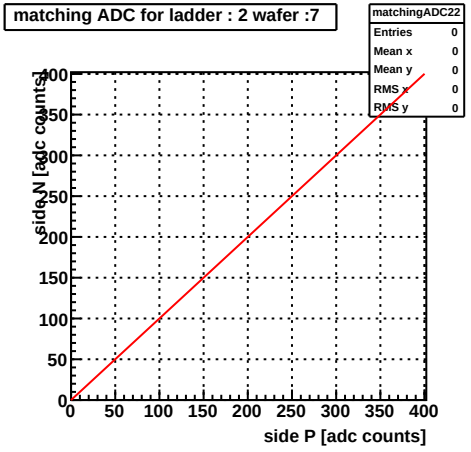

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

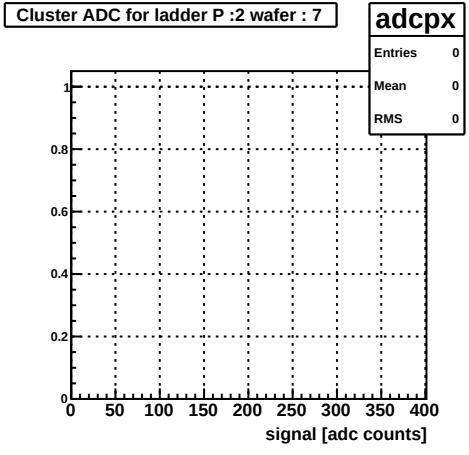

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

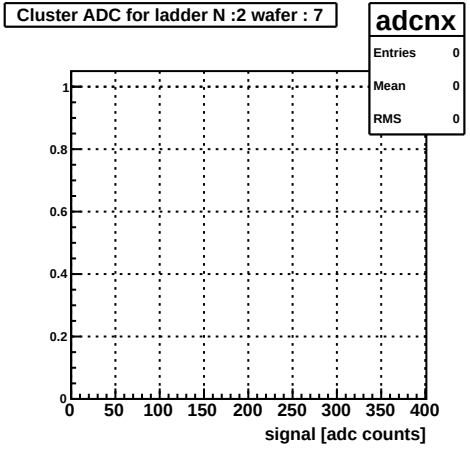

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

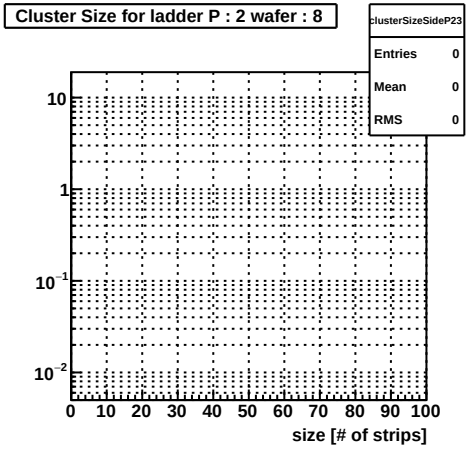

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

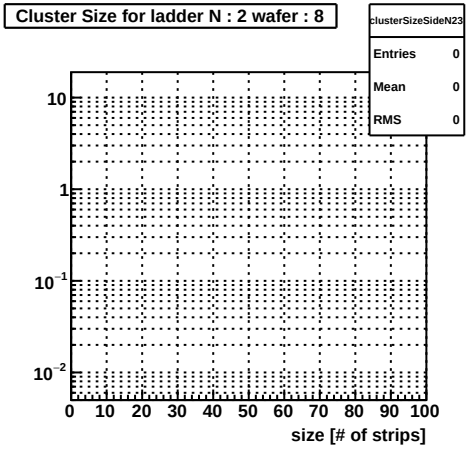

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

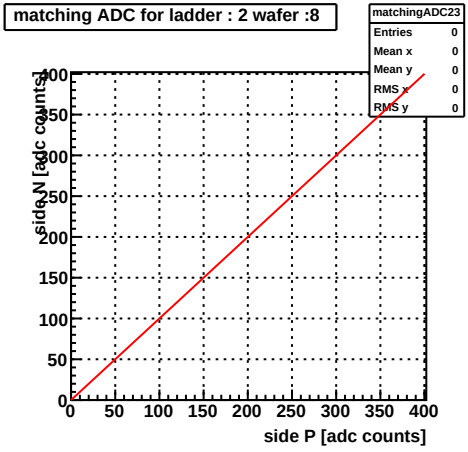

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

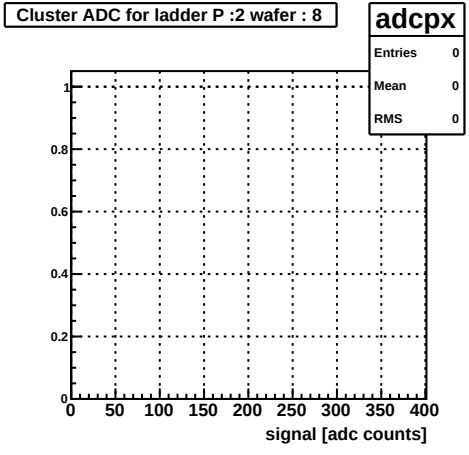

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

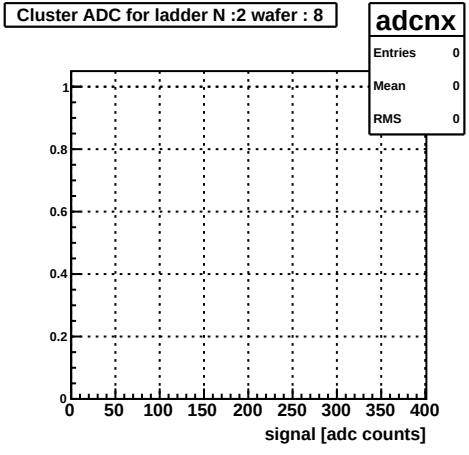

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

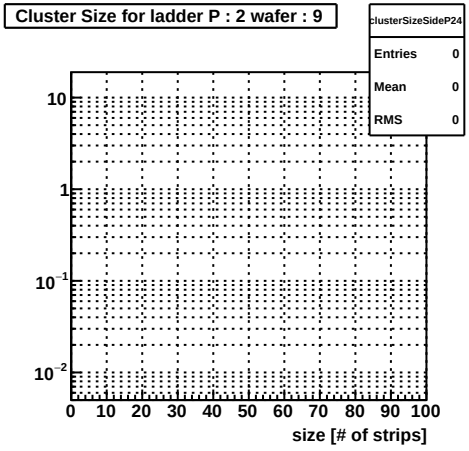

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

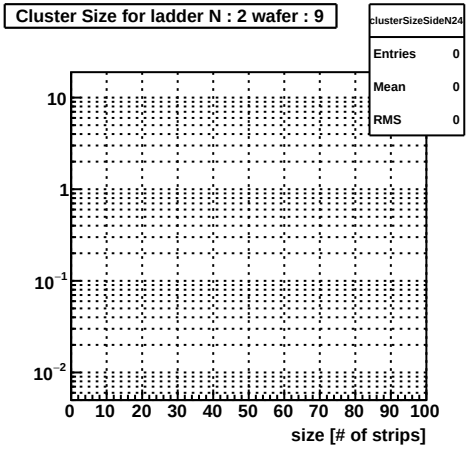

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

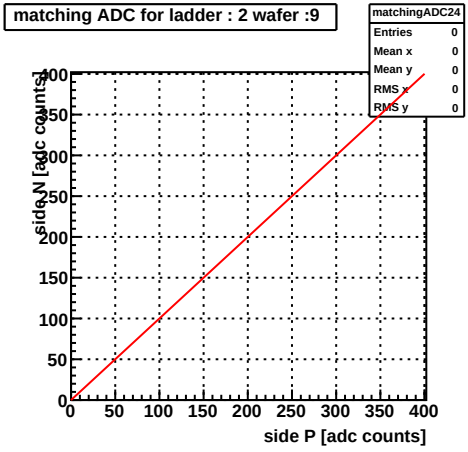

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

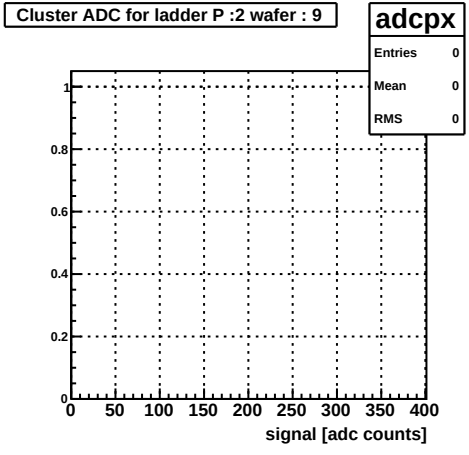

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

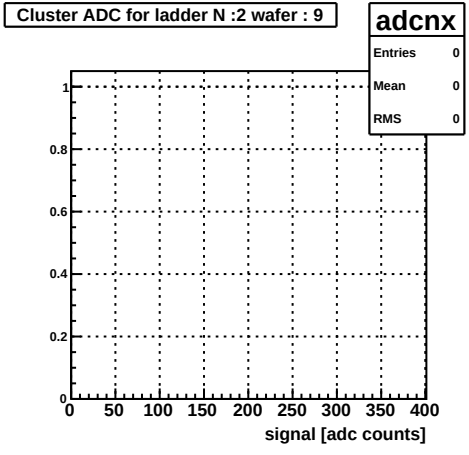

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

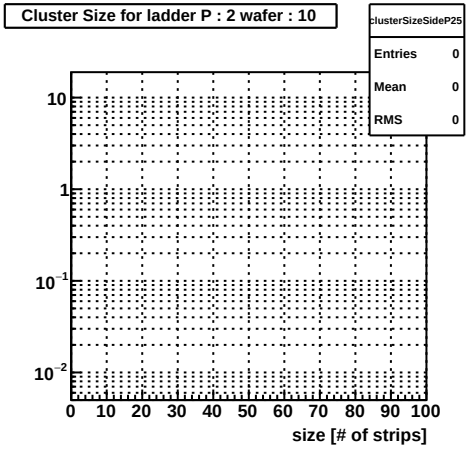

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

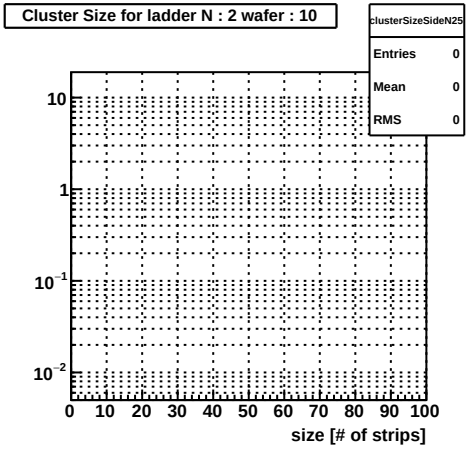

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

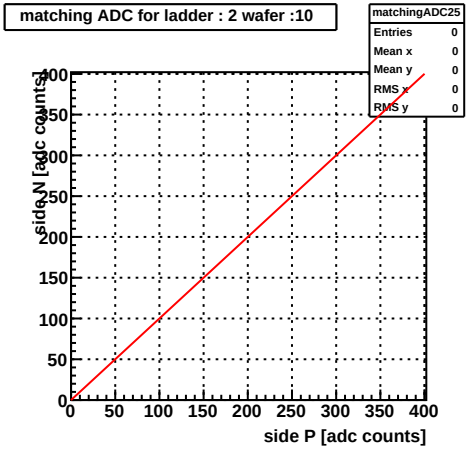

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

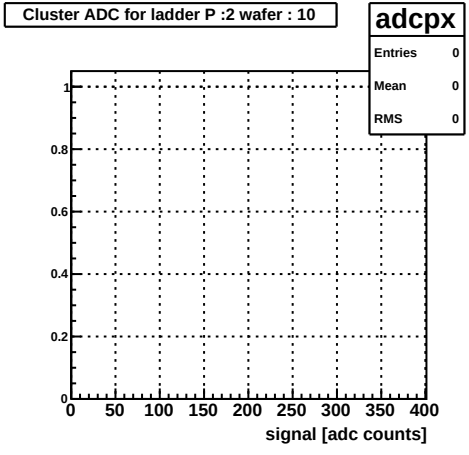

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

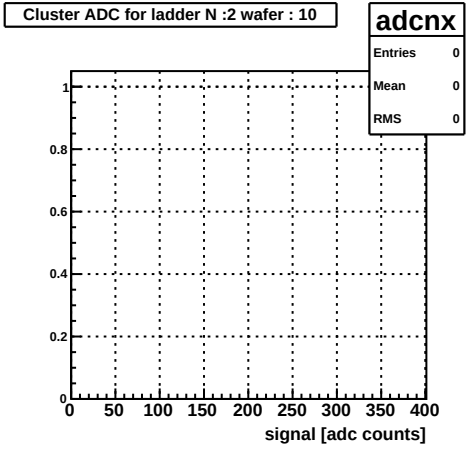

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

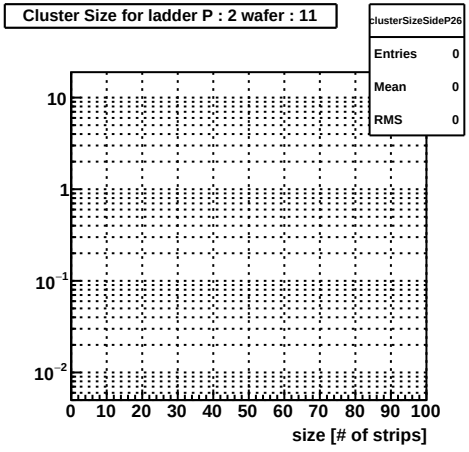

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

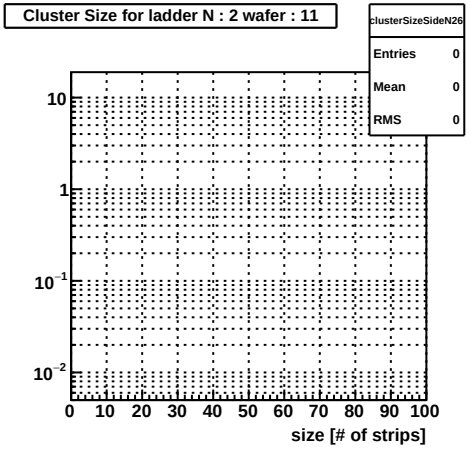

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

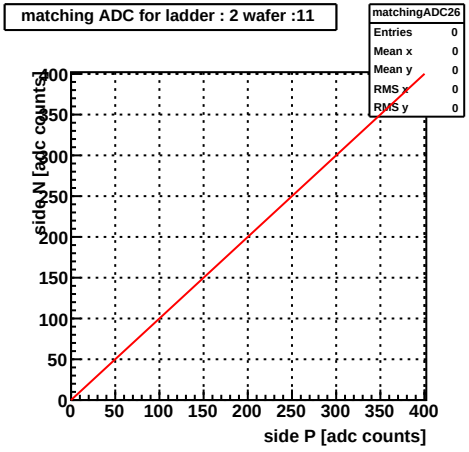

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

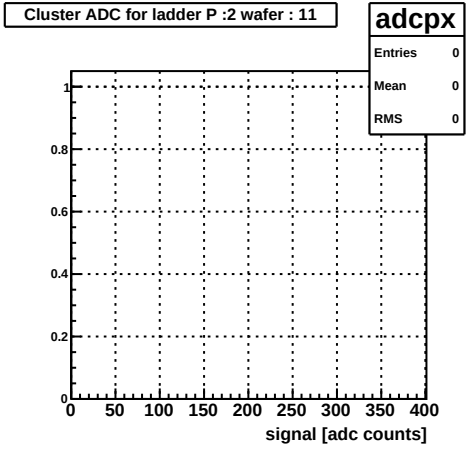

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

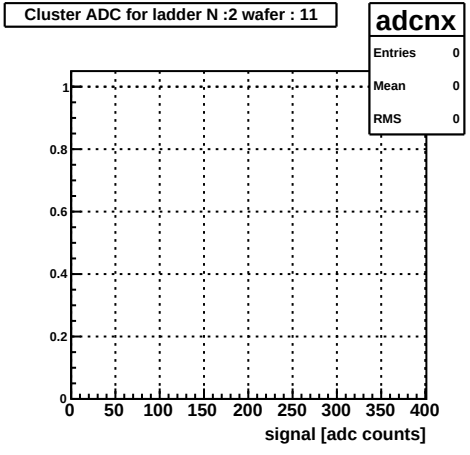

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

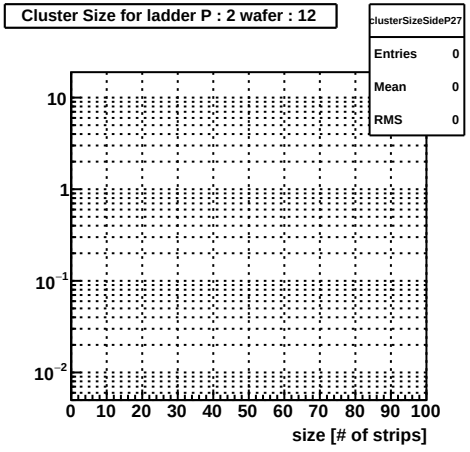

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

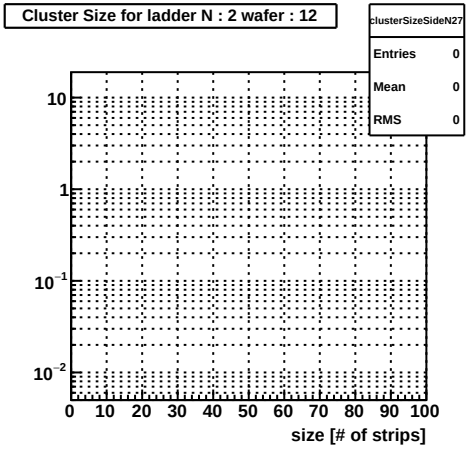

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

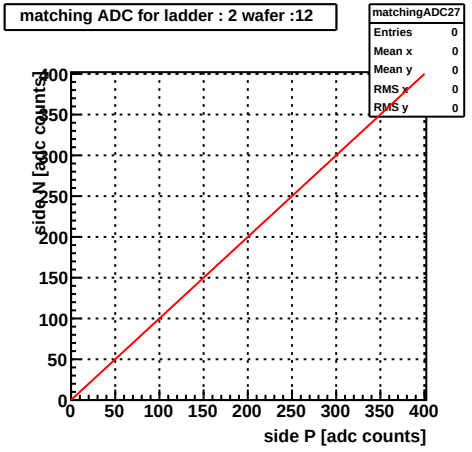

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

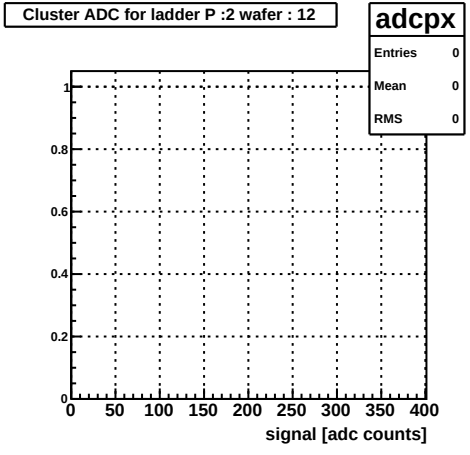

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

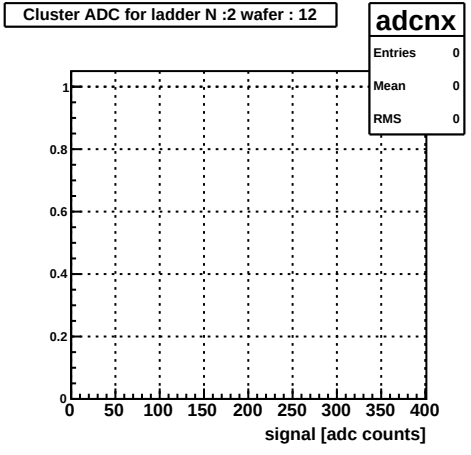

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

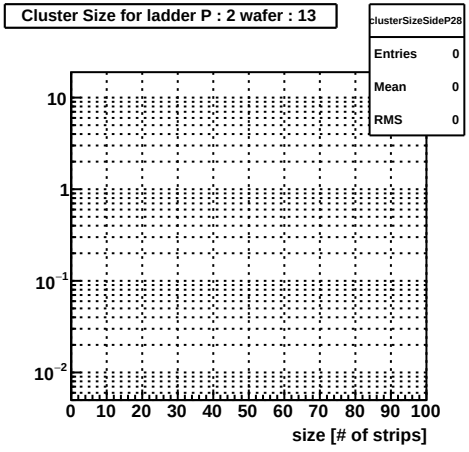

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

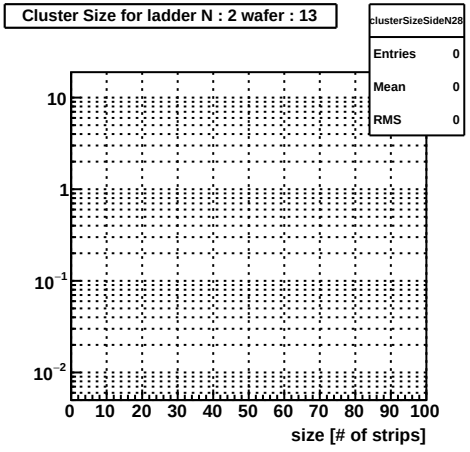

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

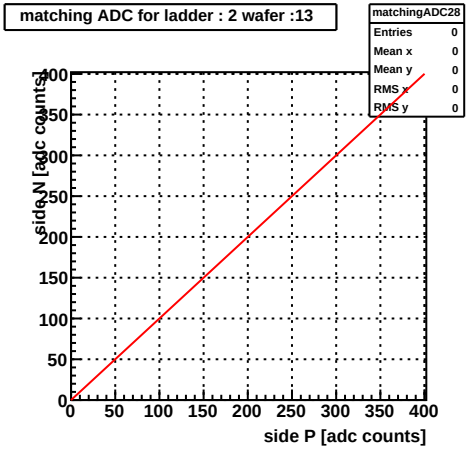

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

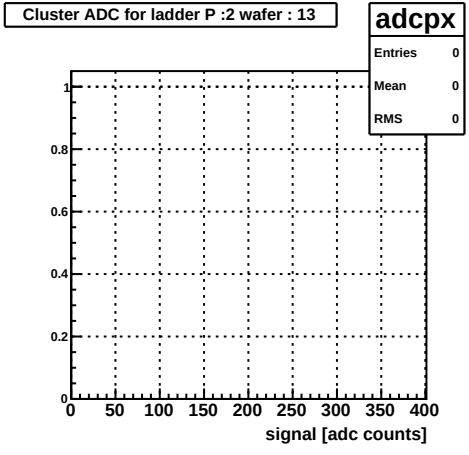

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

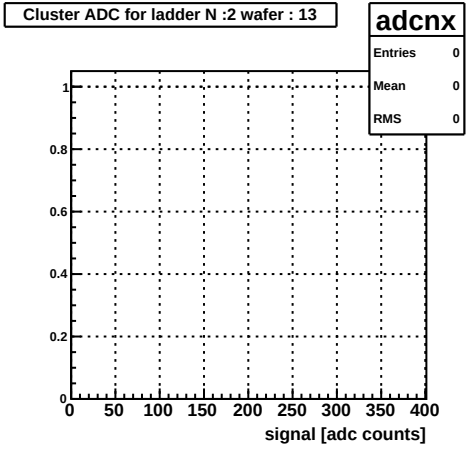

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

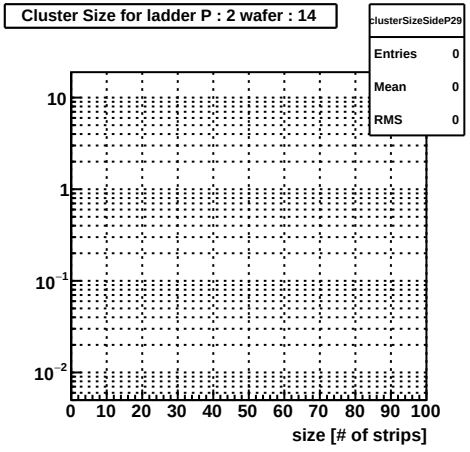

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

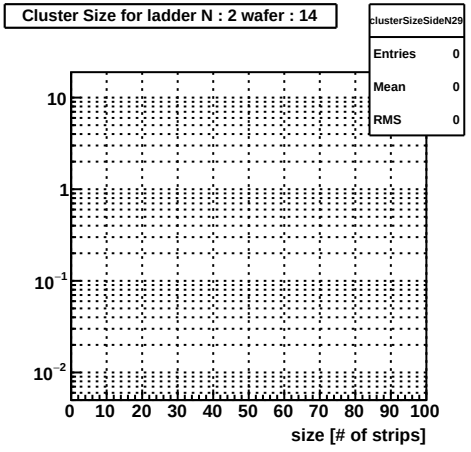

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

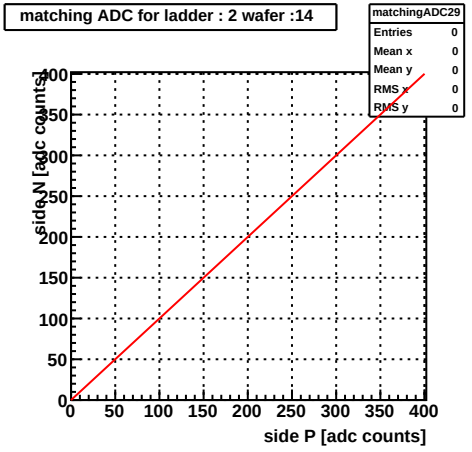

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

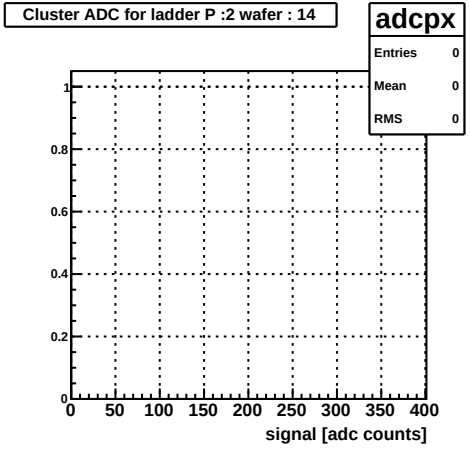

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

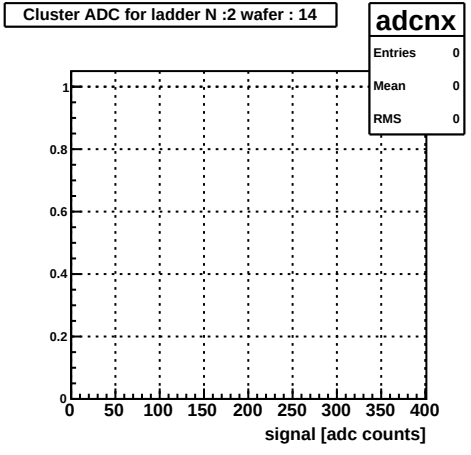

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

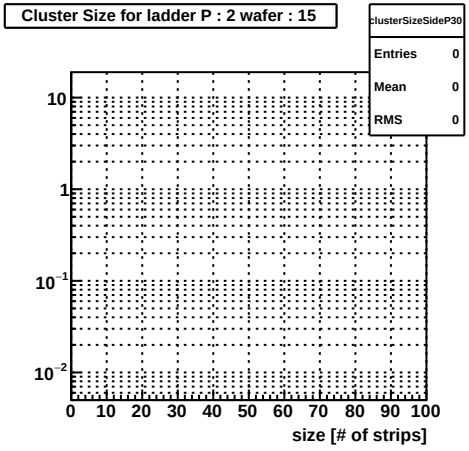

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

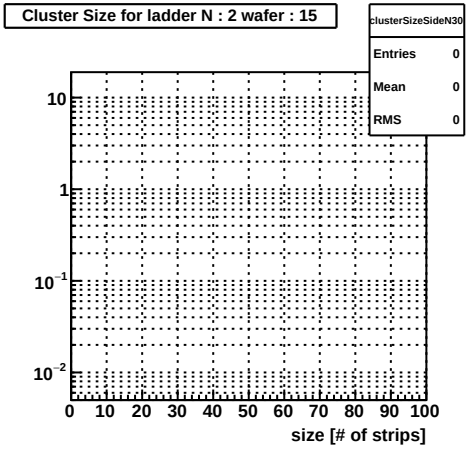

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

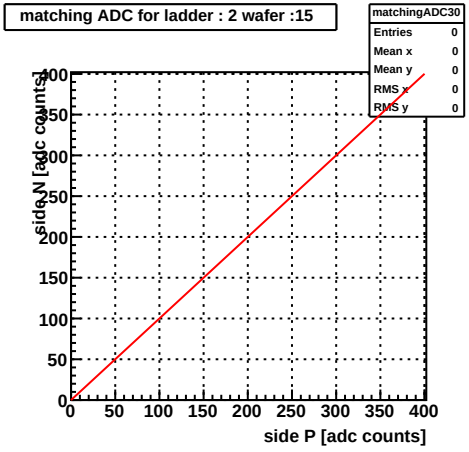

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

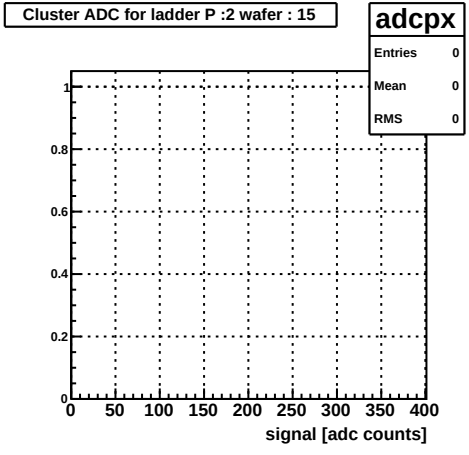

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

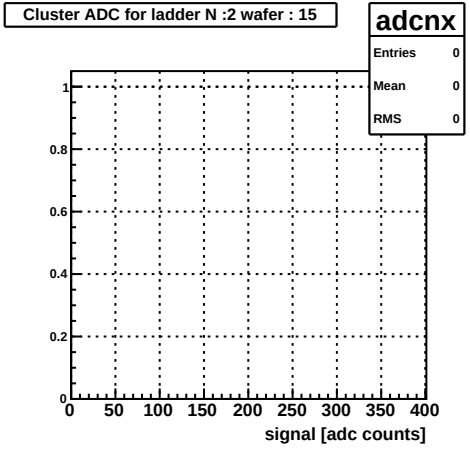

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

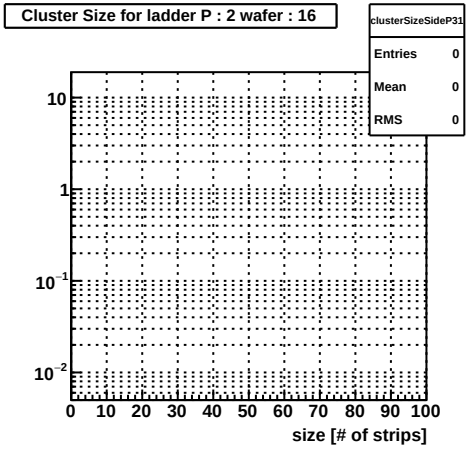

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

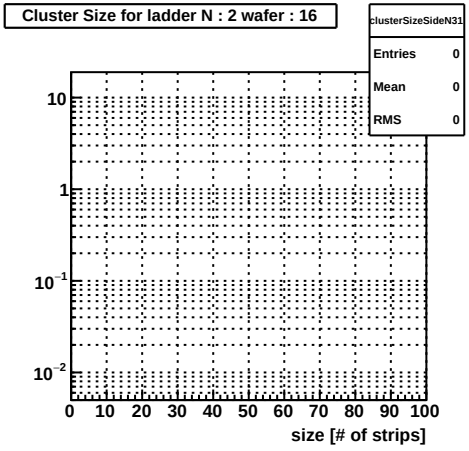

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

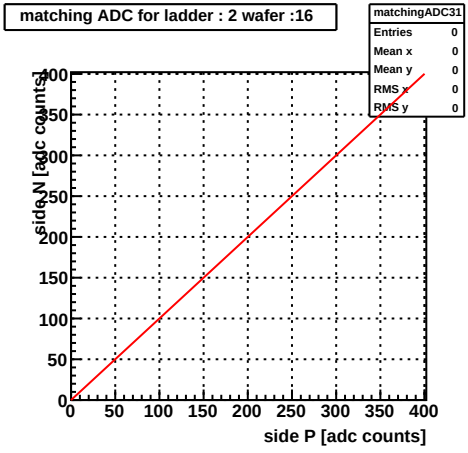

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

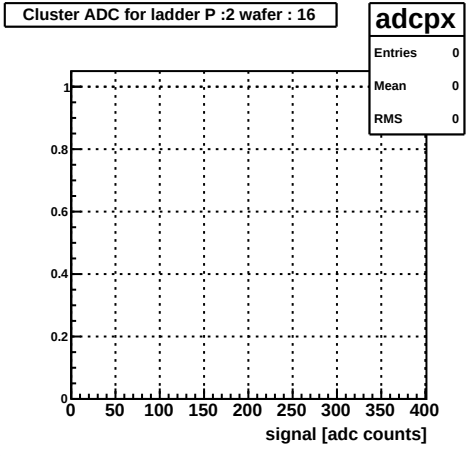

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

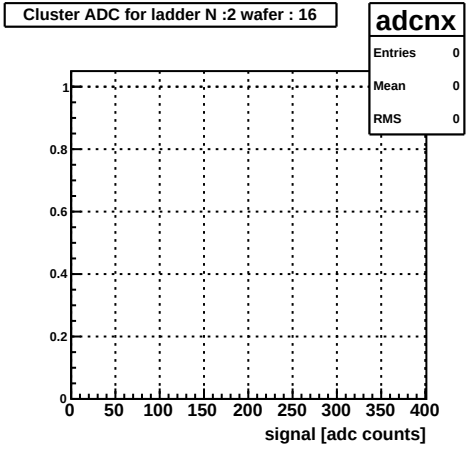

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

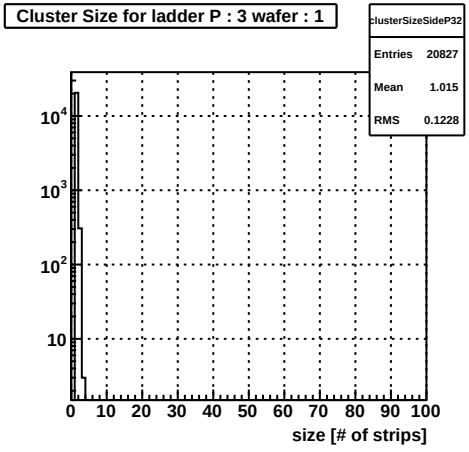

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

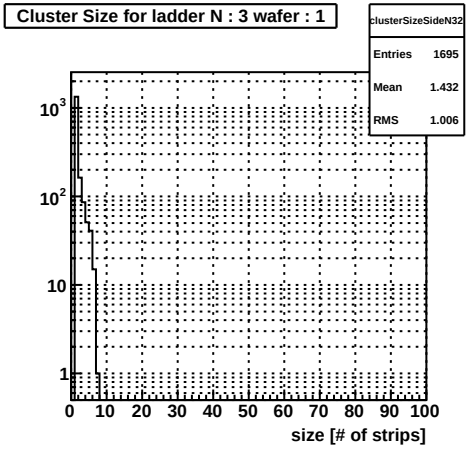

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

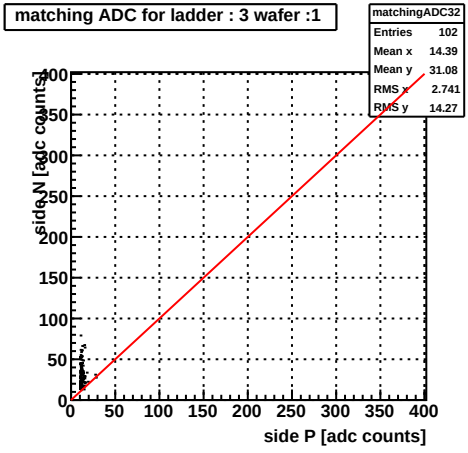

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

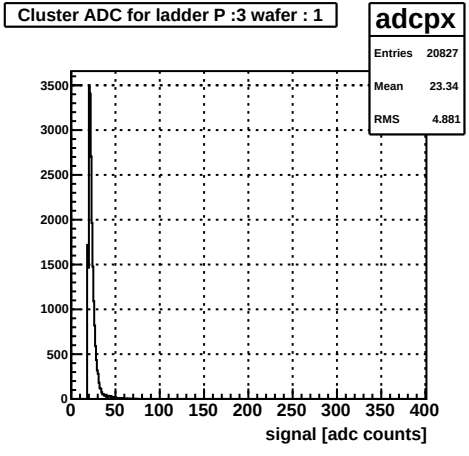

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

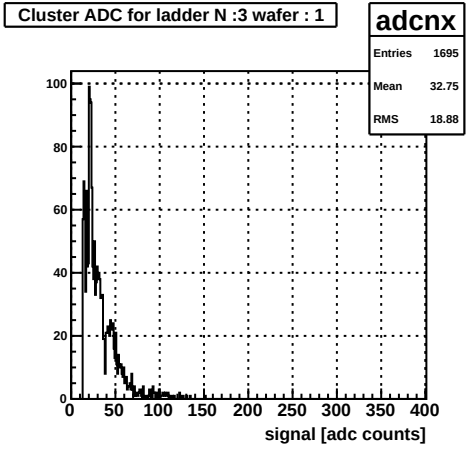

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

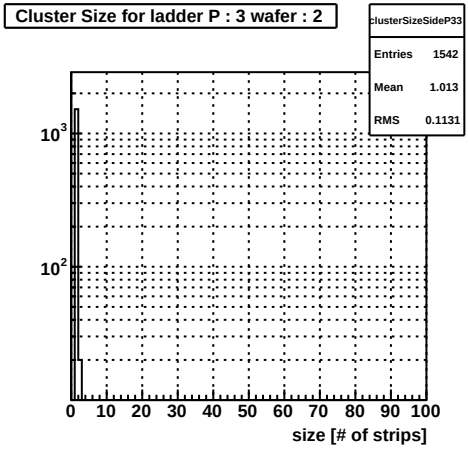

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 20827
Mean 1.015
RMS 0.1228
size [# of strips]

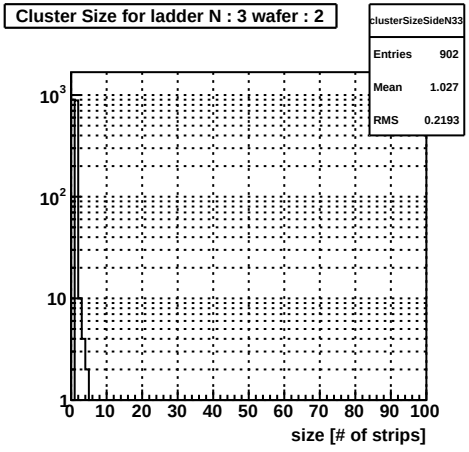

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1695
Mean 1.432
RMS 1.006
size [# of strips]

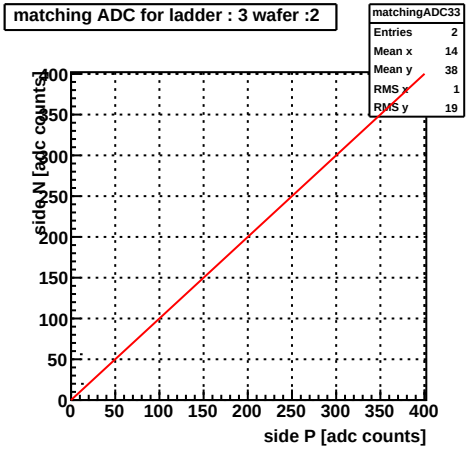

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 102
Mean x 14.39
Mean y 31.08
RMS x 2.741
RMS y 14.27
side N [adc counts]
side P [adc counts]

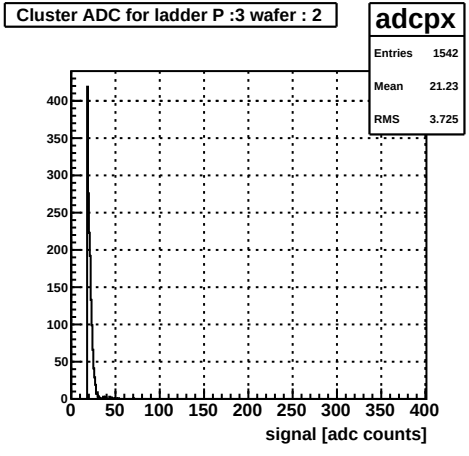

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 20827
Mean 23.34
RMS 4.881
signal [adc counts]

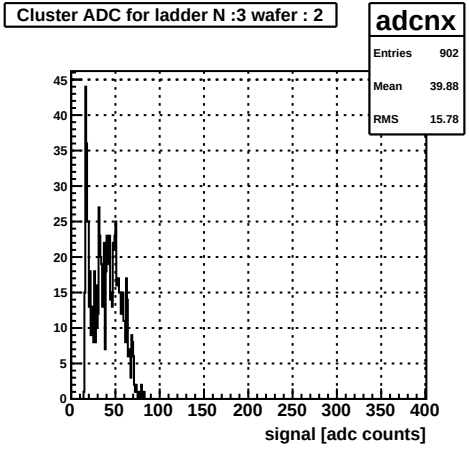

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1695
Mean 32.75
RMS 18.88
signal [adc counts]

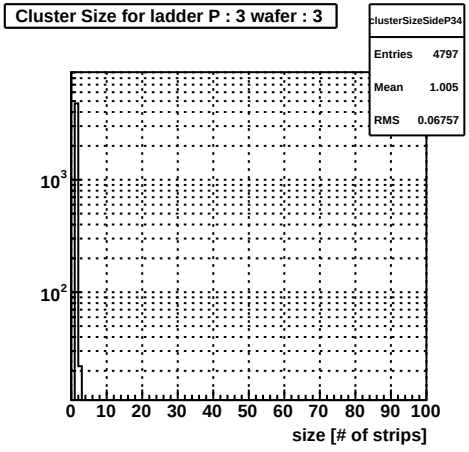

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1542
Mean 1.013
RMS 0.1131
size [# of strips]

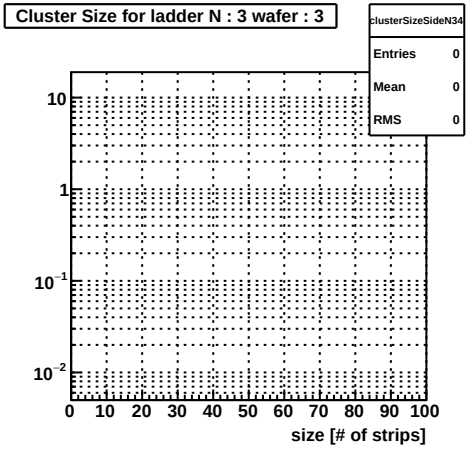

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 902
Mean 1.027
RMS 0.2193
size [# of strips]

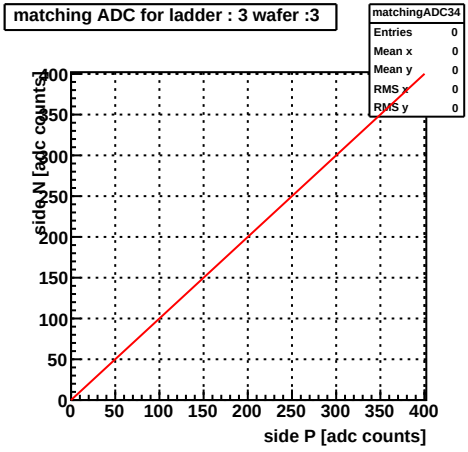

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2
Mean x 14
Mean y 38
RMS x 1
RMS y 19
side N [adc counts]
side P [adc counts]

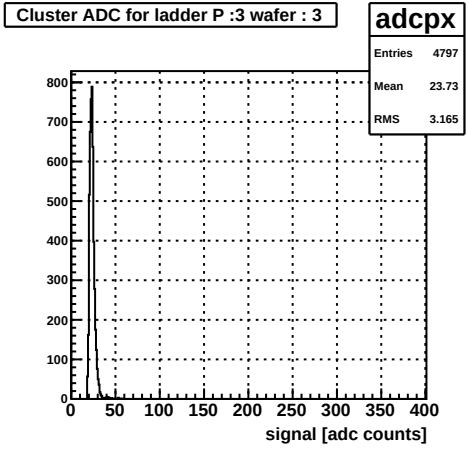

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1542
Mean 21.23
RMS 3.725
signal [adc counts]

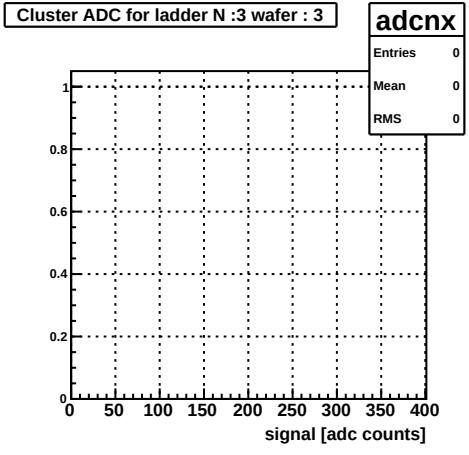

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 902
Mean 39.88
RMS 15.78
signal [adc counts]

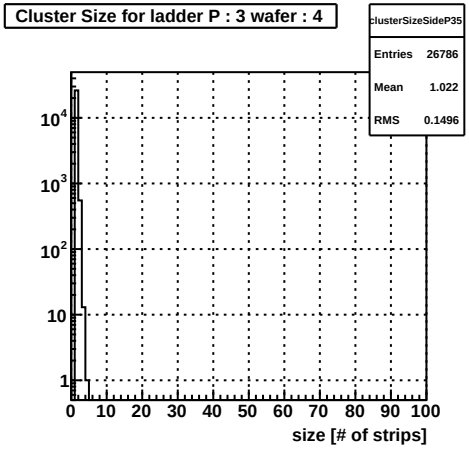

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4797
Mean 1.005
RMS 0.06757
size [# of strips]

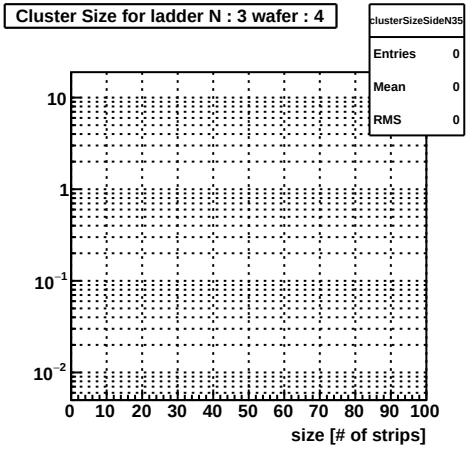

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

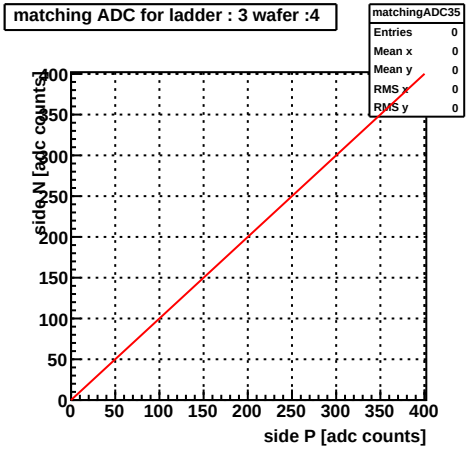

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

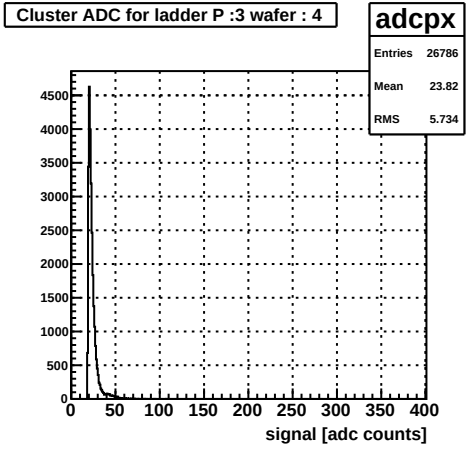

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4797
Mean 23.73
RMS 3.165
signal [adc counts]

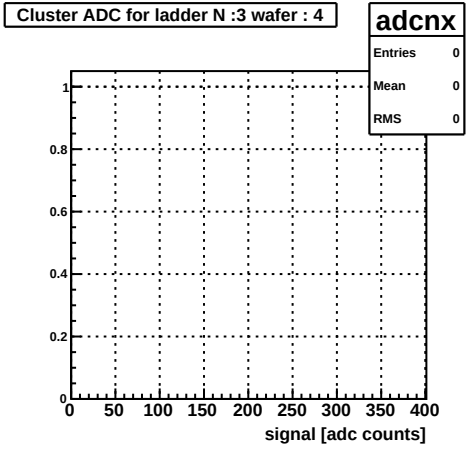

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

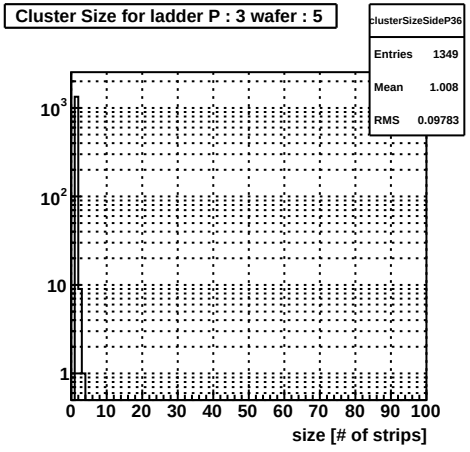

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26786
Mean 1.022
RMS 0.1496
size [# of strips]

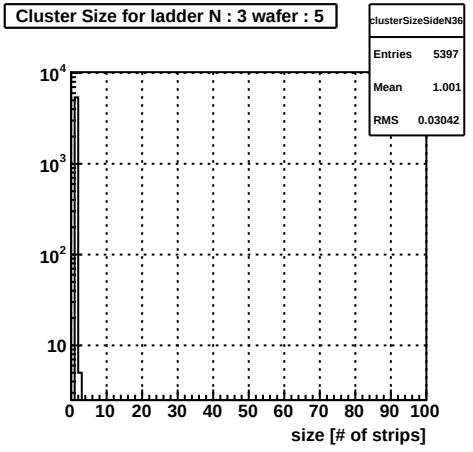

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

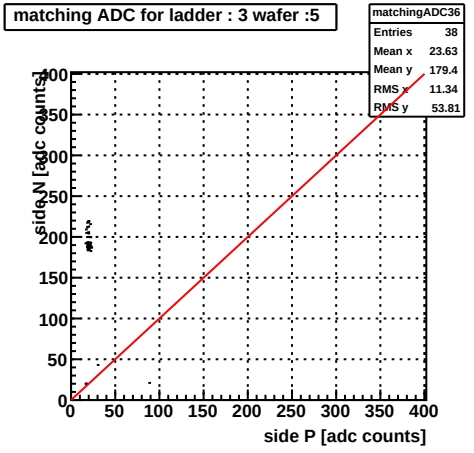

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

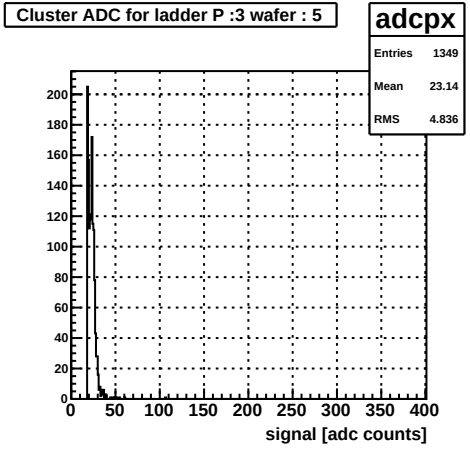

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26786
Mean 23.82
RMS 5.734
signal [adc counts]

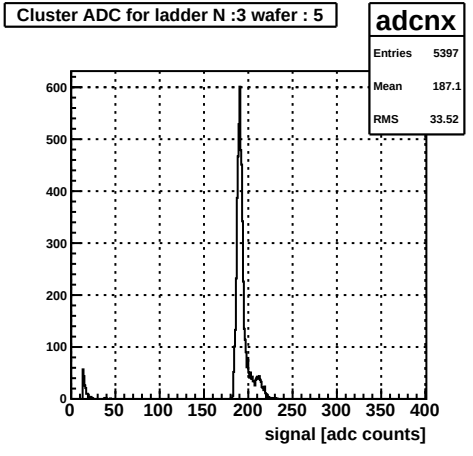

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

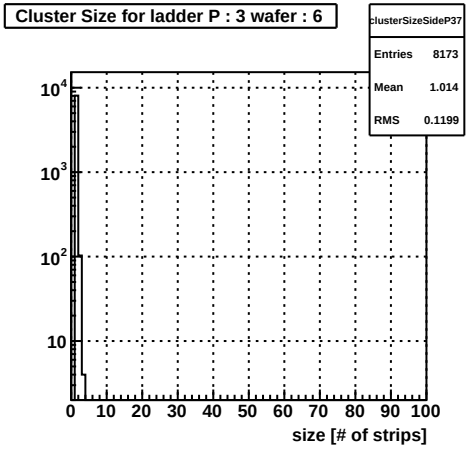

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1349
Mean 1.008
RMS 0.09783
size [# of strips]

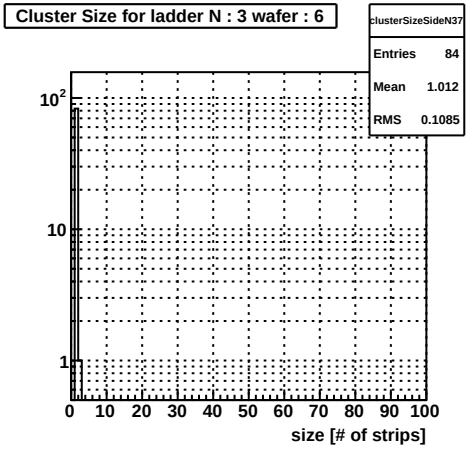

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5397
Mean 1.001
RMS 0.03042
size [# of strips]

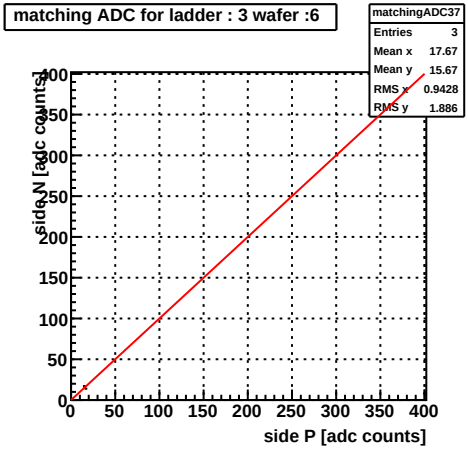

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 38
Mean x 23.63
Mean y 179.4
RMS x 11.34
RMS y 53.81
side N [adc counts]
side P [adc counts]

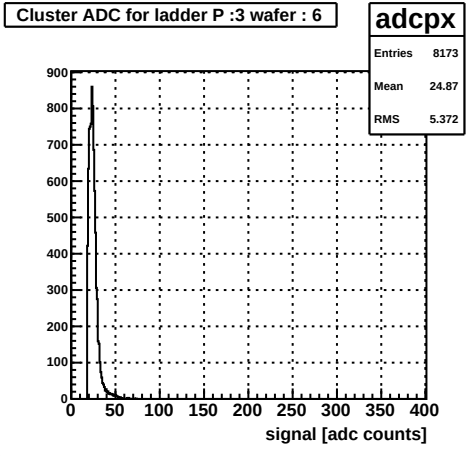

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1349
Mean 23.14
RMS 4.836
signal [adc counts]

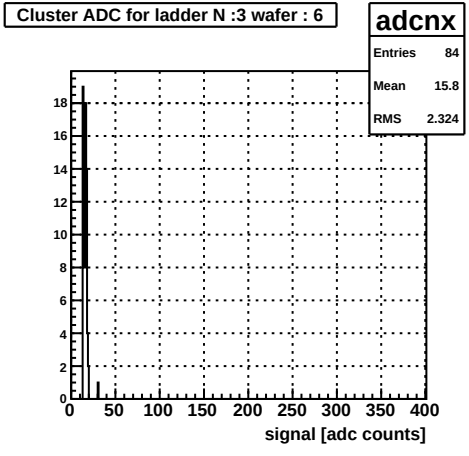

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5397
Mean 187.1
RMS 33.52
signal [adc counts]

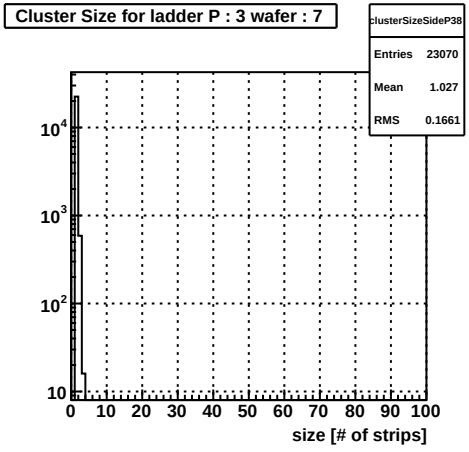

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8173
Mean 1.014
RMS 0.1199
size [# of strips]

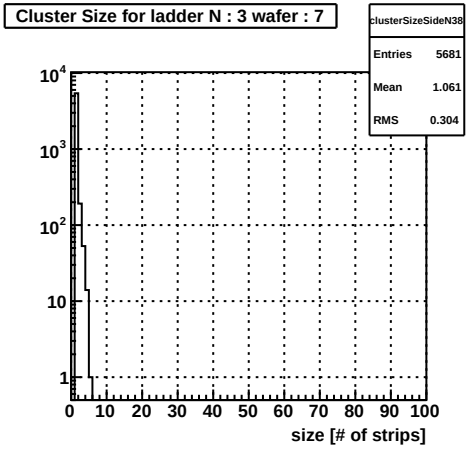

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 84
Mean 1.012
RMS 0.1085
size [# of strips]

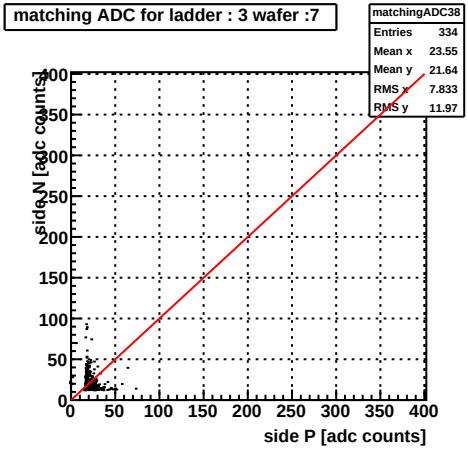

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 3
Mean x 17.67
Mean y 15.67
RMS x 0.9428
RMS y 1.886
side N [adc counts]
side P [adc counts]

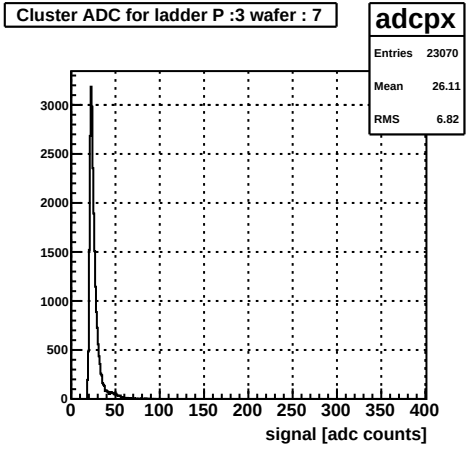

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8173
Mean 24.87
RMS 5.372
signal [adc counts]

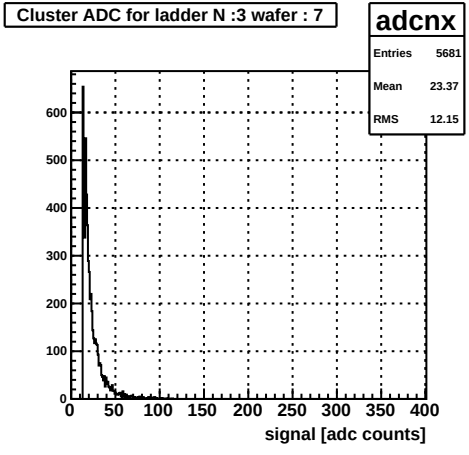

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 84
Mean 15.8
RMS 2.324
signal [adc counts]

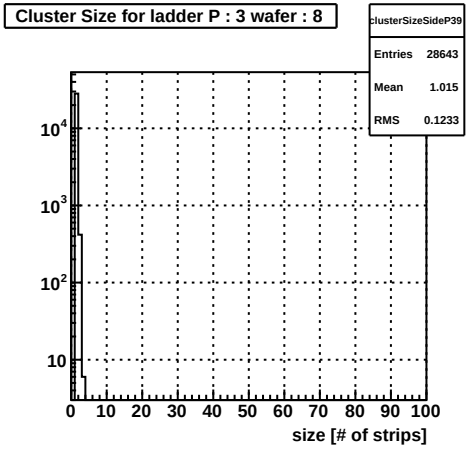

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 23070
Mean 1.027
RMS 0.1661
size [# of strips]

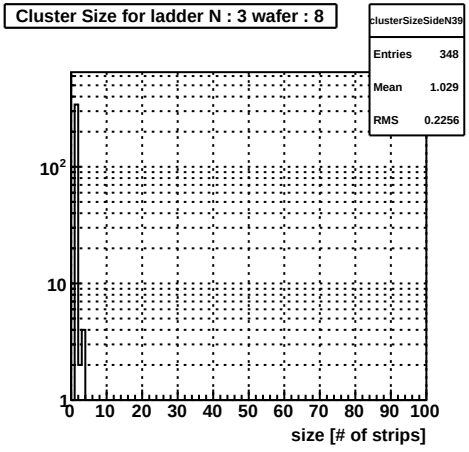

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5681
Mean 1.061
RMS 0.304
size [# of strips]

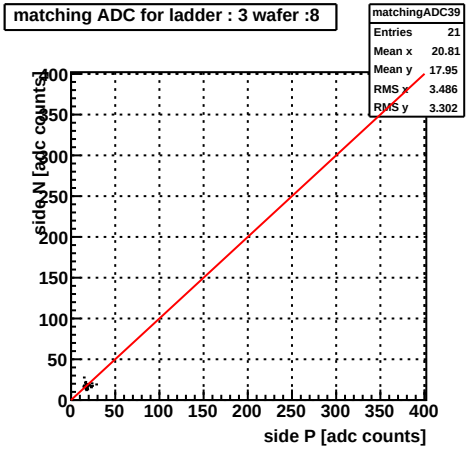

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 334
Mean x 23.55
Mean y 21.64
RMS x 7.833
RMS y 11.97
side N [adc counts]
side P [adc counts]

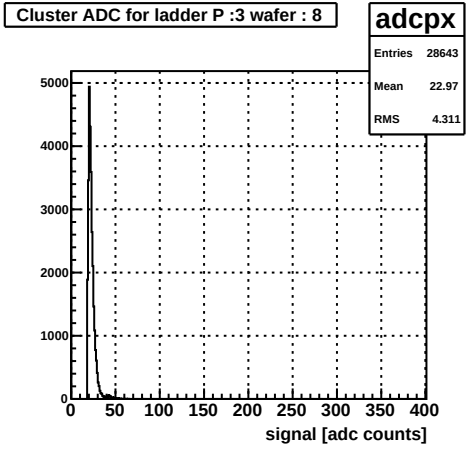

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 23070
Mean 26.11
RMS 6.82
signal [adc counts]

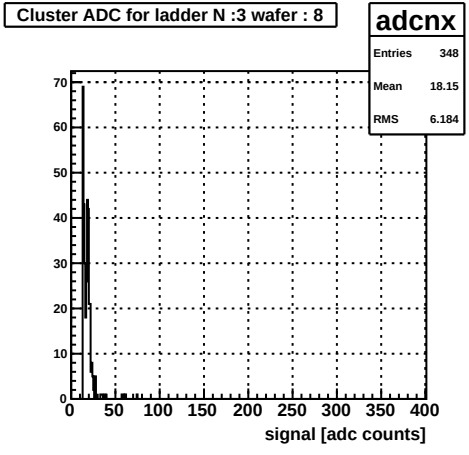

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5681
Mean 23.37
RMS 12.15
signal [adc counts]

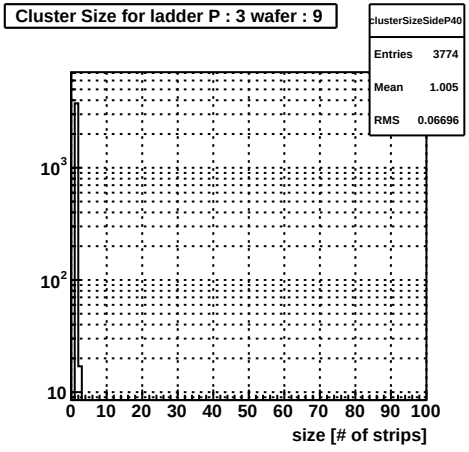

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 28643
Mean 1.015
RMS 0.1233
size [# of strips]

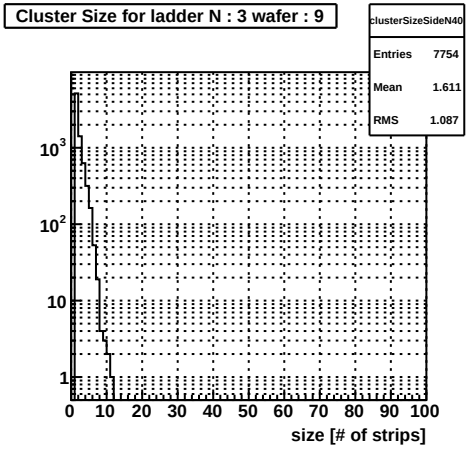

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 348
Mean 1.029
RMS 0.2256
size [# of strips]

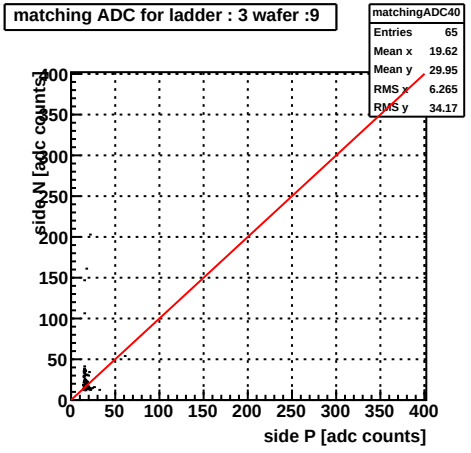

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 21
Mean x 20.81
Mean y 17.95
RMS x 3.486
RMS y 3.302
side N [adc counts]
side P [adc counts]

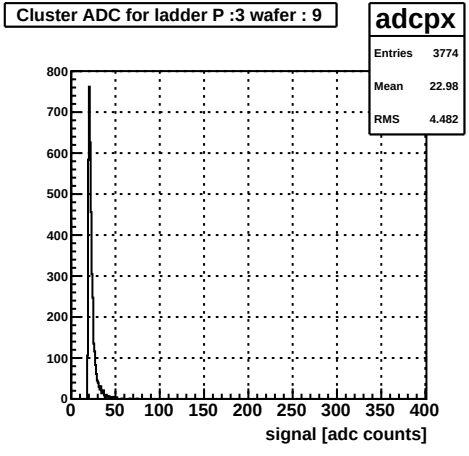

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 28643
Mean 22.97
RMS 4.311
signal [adc counts]

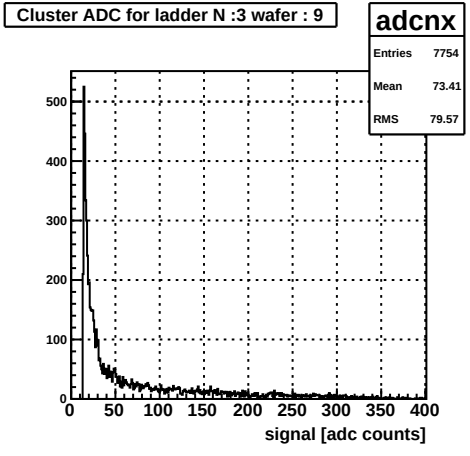

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 348
Mean 18.15
RMS 6.184
signal [adc counts]

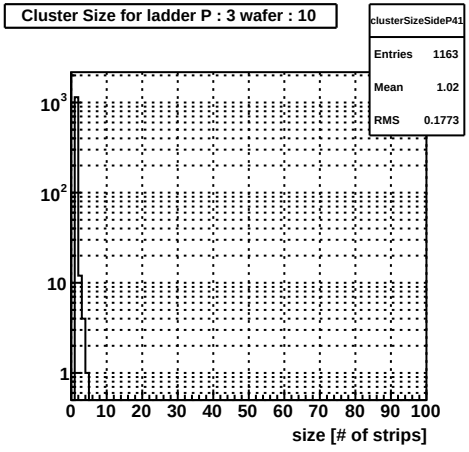

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 3774
Mean 1.005
RMS 0.06696
size [# of strips]

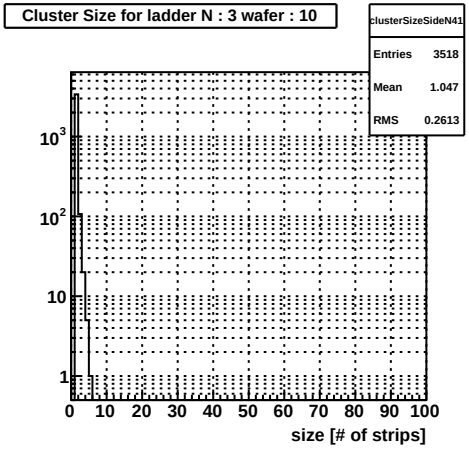

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7754
Mean 1.611
RMS 1.087
size [# of strips]

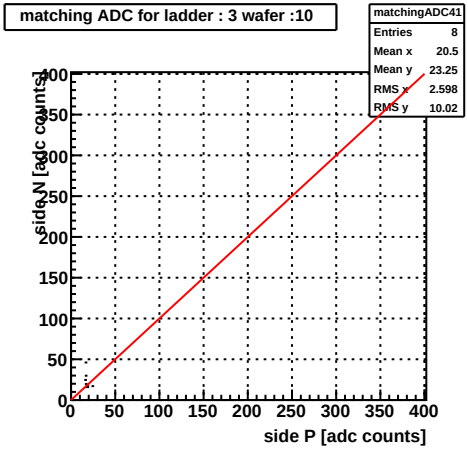

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 65
Mean x 19.62
Mean y 29.95
RMS x 6.265
RMS y 34.17
side N [adc counts]
side P [adc counts]

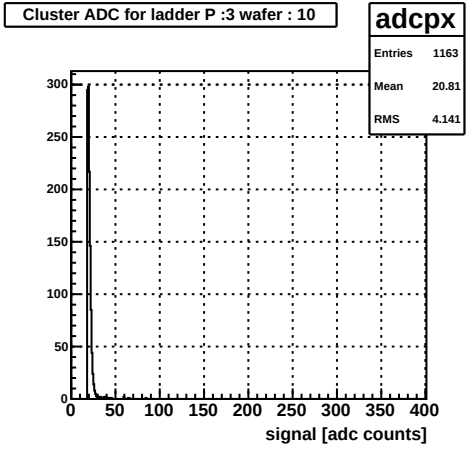

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 3774
Mean 22.98
RMS 4.482
signal [adc counts]

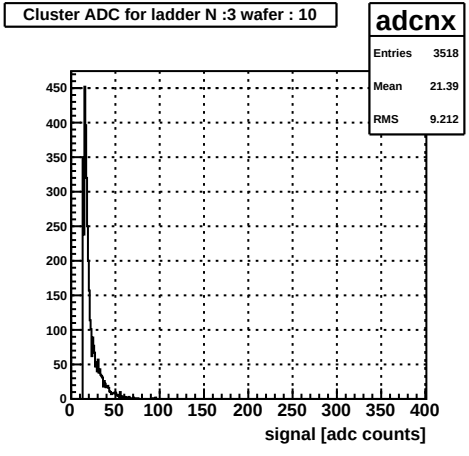

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7754
Mean 73.41
RMS 79.57
signal [adc counts]

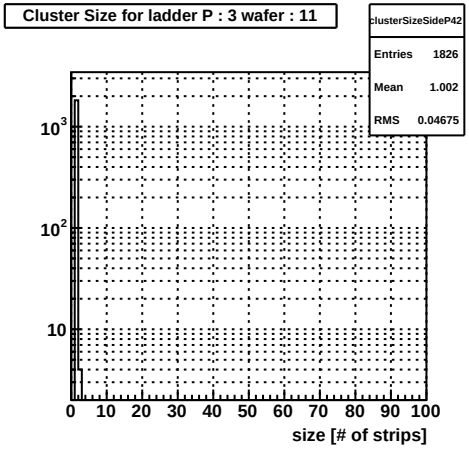

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1163
Mean 1.02
RMS 0.1773
size [# of strips]

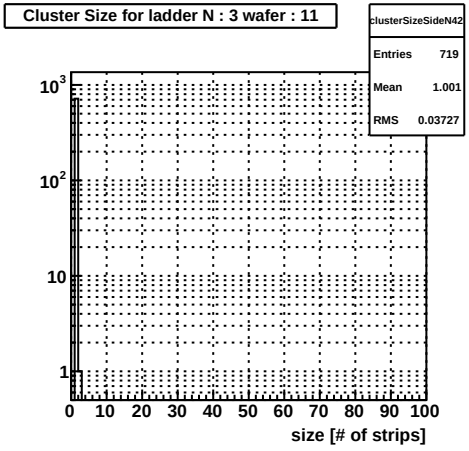

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 3518
Mean 1.047
RMS 0.2613
size [# of strips]

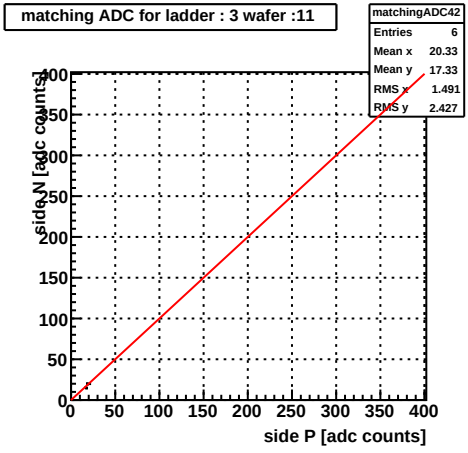

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 8
Mean x 20.5
Mean y 23.25
RMS x 2.598
RMS y 10.02
side N [adc counts]
side P [adc counts]

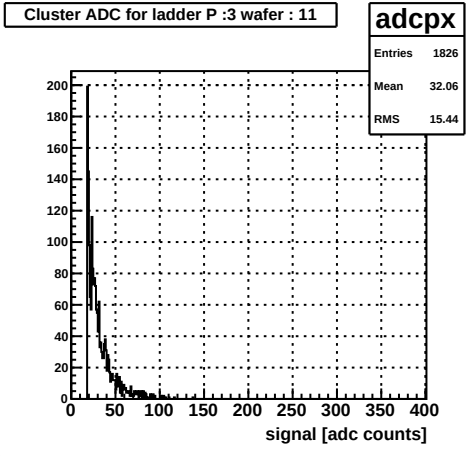

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1163
Mean 20.81
RMS 4.141
signal [adc counts]

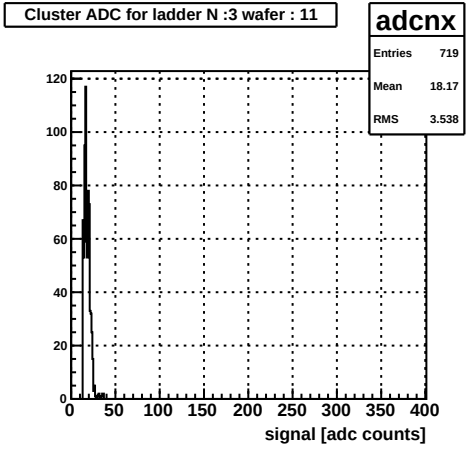

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 3518
Mean 21.39
RMS 9.212
signal [adc counts]

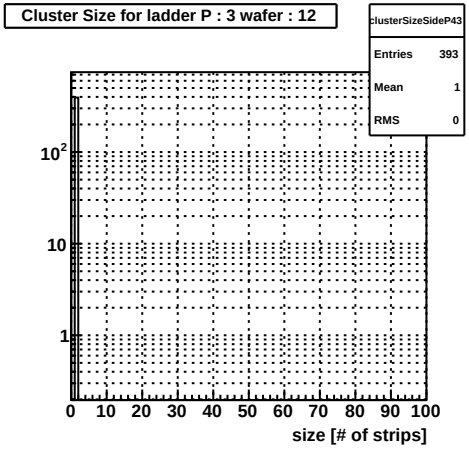

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1826
Mean 1.002
RMS 0.04675
size [# of strips]

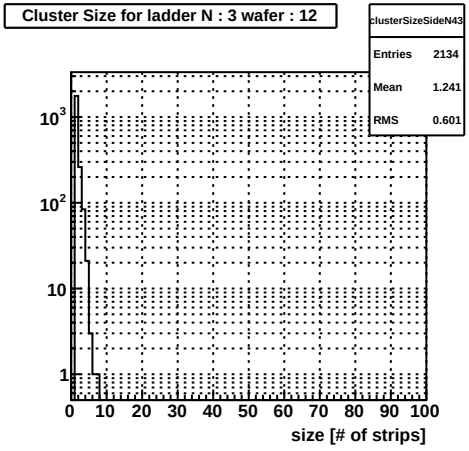

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 719
Mean 1.001
RMS 0.03727
size [# of strips]

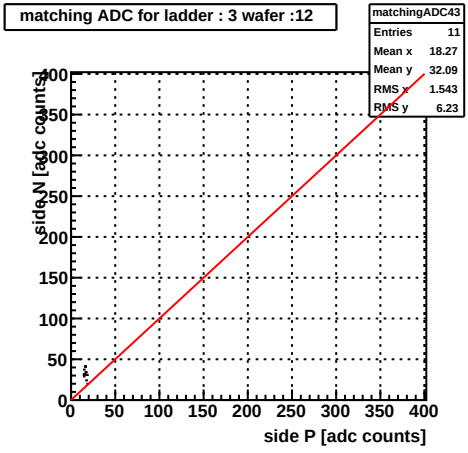

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 6
Mean x 20.33
Mean y 17.33
RMS x 1.491
RMS y 2.427
side N [adc counts]
side P [adc counts]

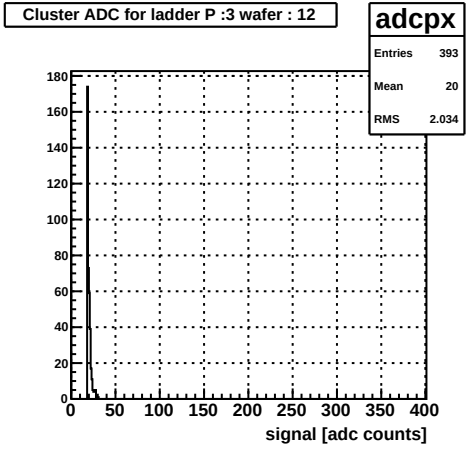

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1826
Mean 32.06
RMS 15.44
signal [adc counts]

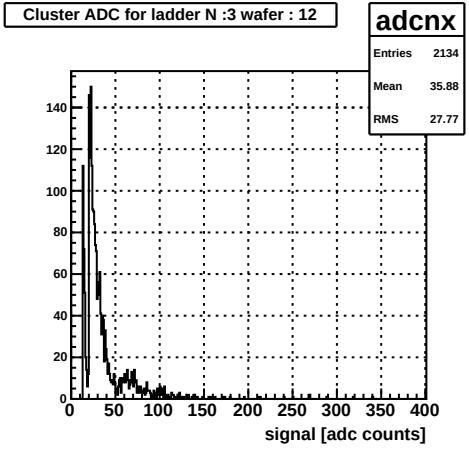

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 719
Mean 18.17
RMS 3.538
signal [adc counts]

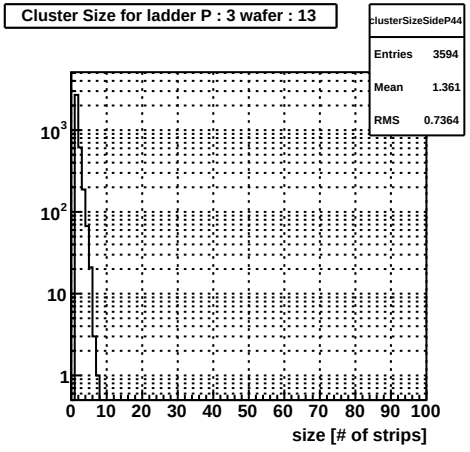

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 393
Mean 1
RMS 0
size [# of strips]

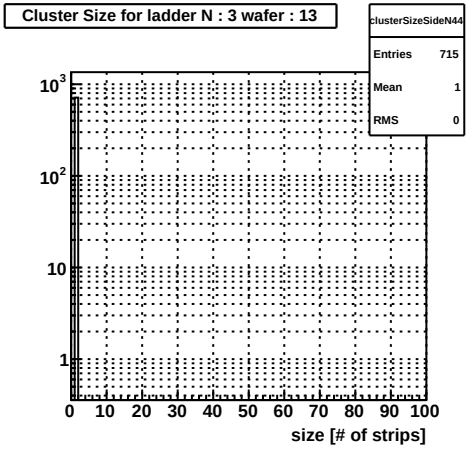

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2134
Mean 1.241
RMS 0.601
size [# of strips]

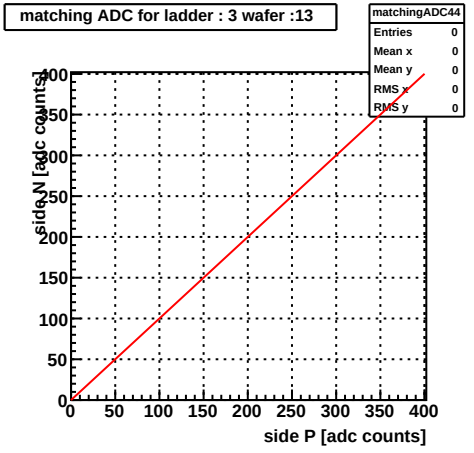

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 11
Mean x 18.27
Mean y 32.09
RMS x 1.543
RMS y 6.23
side N [adc counts]
side P [adc counts]

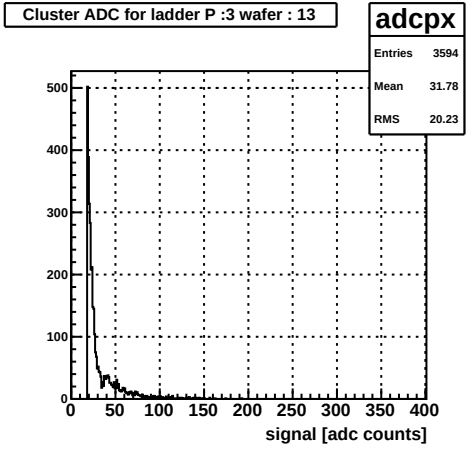

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 393
Mean 20
RMS 2.034
signal [adc counts]

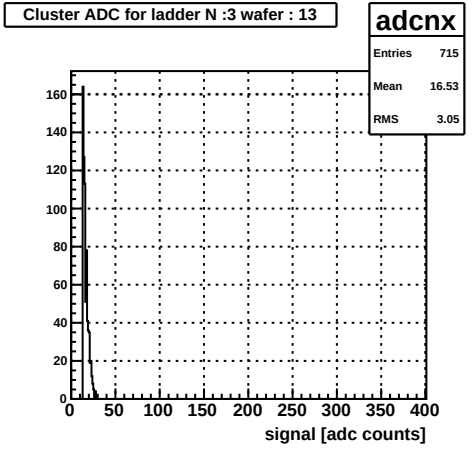

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2134
Mean 35.88
RMS 27.77
signal [adc counts]

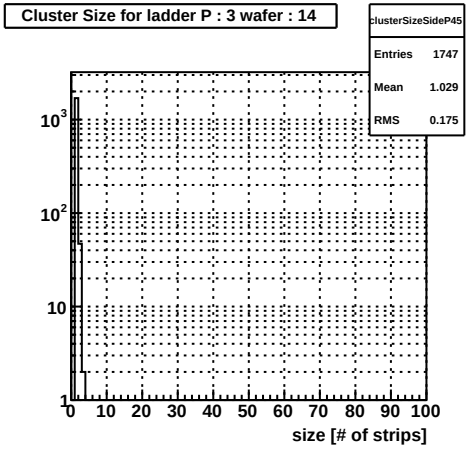

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 3594
Mean 1.361
RMS 0.7364
size [# of strips]

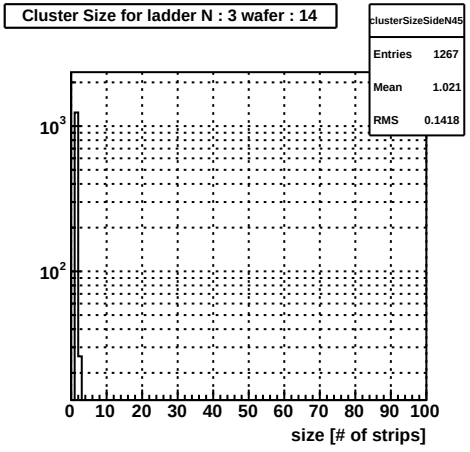

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 715
Mean 1
RMS 0
size [# of strips]

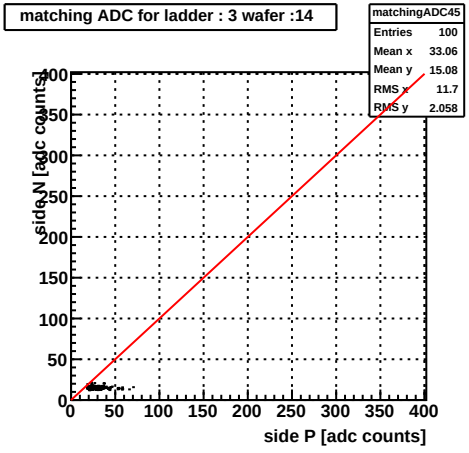

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

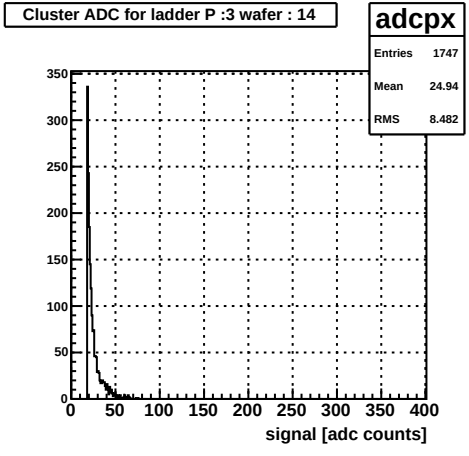

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 3594
Mean 31.78
RMS 20.23
signal [adc counts]

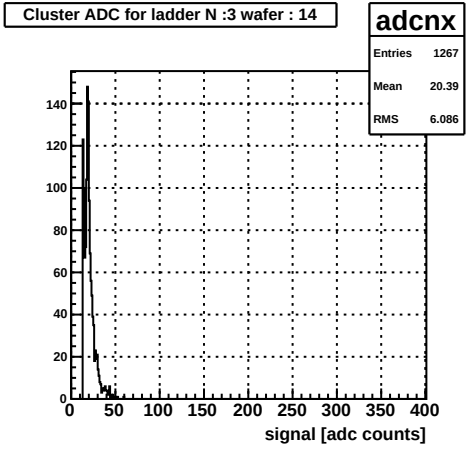

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 715
Mean 16.53
RMS 3.05
signal [adc counts]

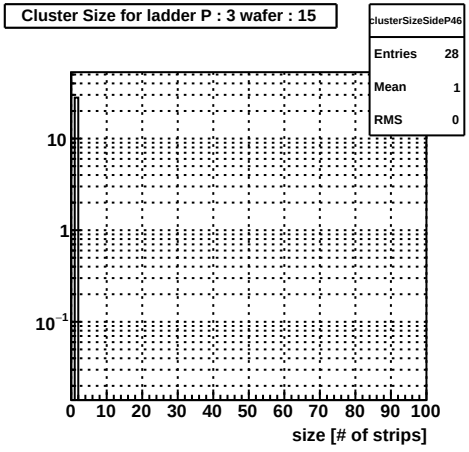

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1747
Mean 1.029
RMS 0.175
size [# of strips]

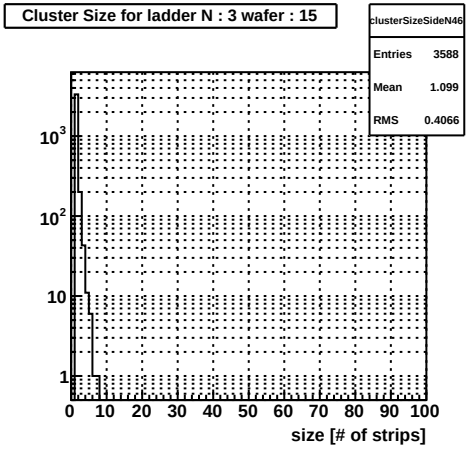

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1267
Mean 1.021
RMS 0.1418
size [# of strips]

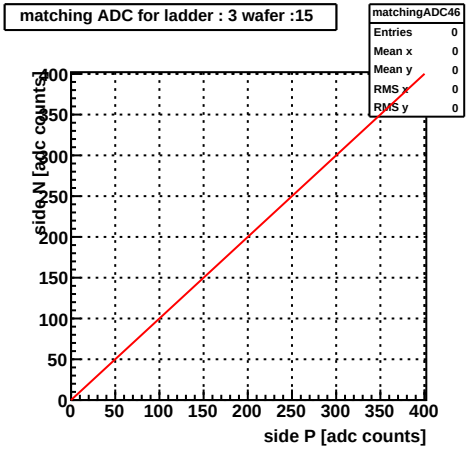

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 100
Mean x 33.06
Mean y 15.08
RMS x 11.7
RMS y 2.058
side N [adc counts]
side P [adc counts]

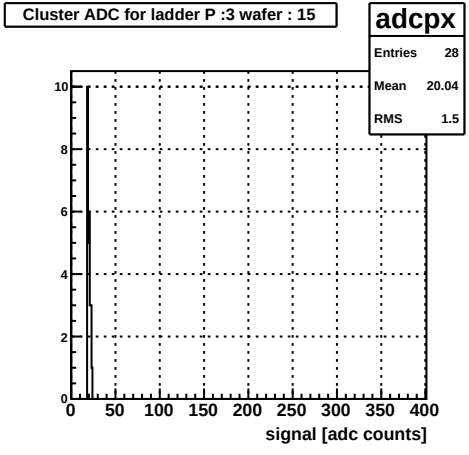

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1747
Mean 24.94
RMS 8.482
signal [adc counts]

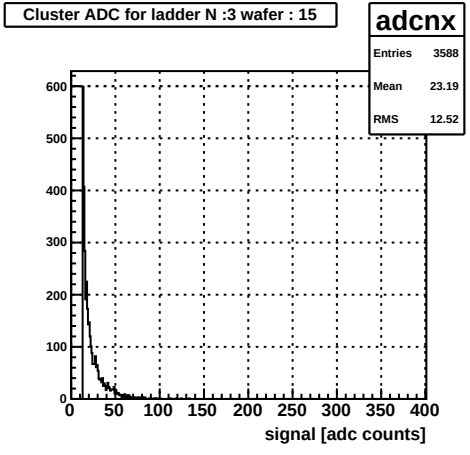

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1267
Mean 20.39
RMS 6.086
signal [adc counts]

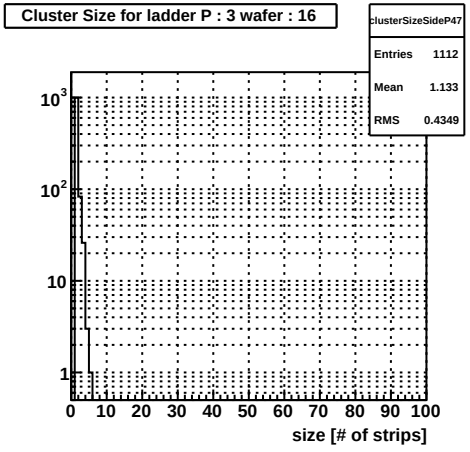

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 28
Mean 1
RMS 0
size [# of strips]

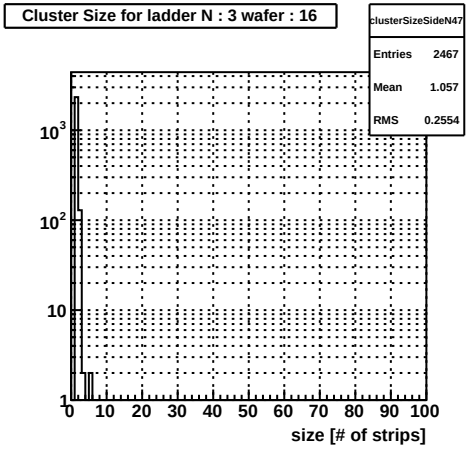

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3588
Mean 1.099
RMS 0.4066
size [# of strips]

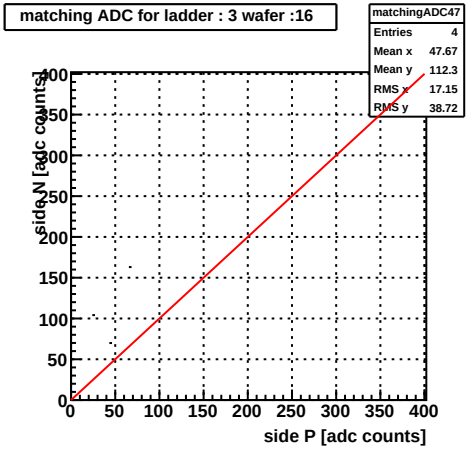

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

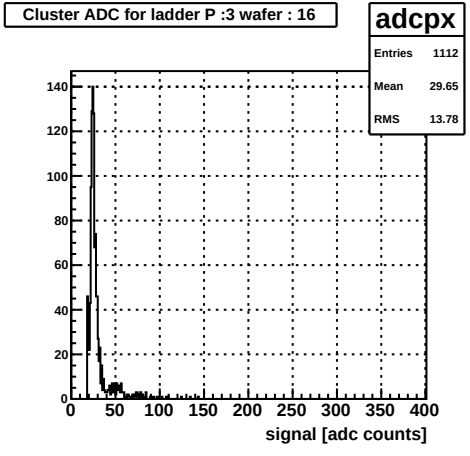

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 28
Mean 20.04
RMS 1.5
signal [adc counts]

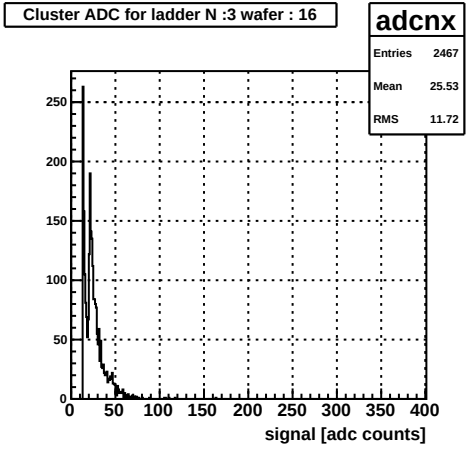

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3588
Mean 23.19
RMS 12.52
signal [adc counts]

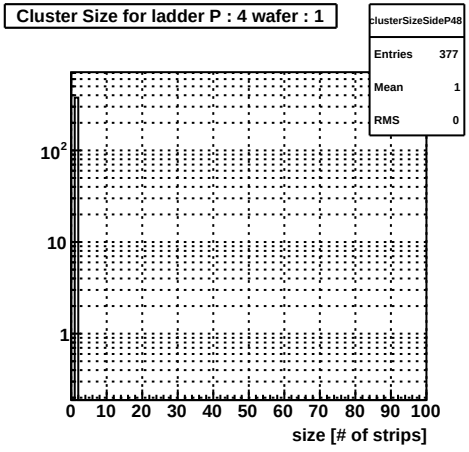

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1112
Mean 1.133
RMS 0.4349
size [# of strips]

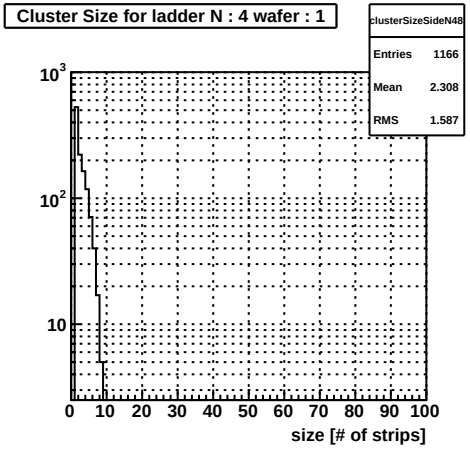

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2467
Mean 1.057
RMS 0.2554
size [# of strips]

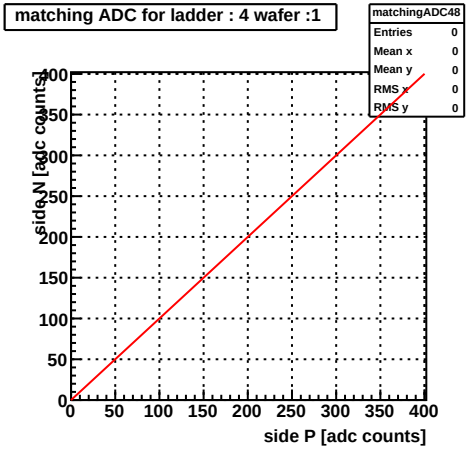

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 4
Mean x 47.67
Mean y 112.3
RMS x 17.15
RMS y 38.72
side N [adc counts]
side P [adc counts]

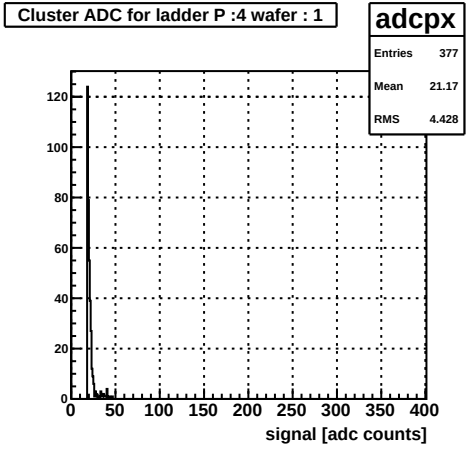

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1112
Mean 29.65
RMS 13.78
signal [adc counts]

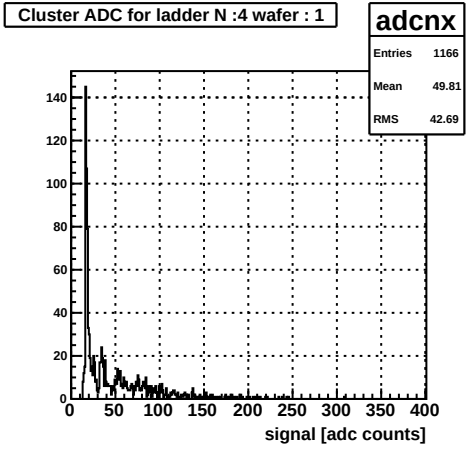

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2467
Mean 25.53
RMS 11.72
signal [adc counts]

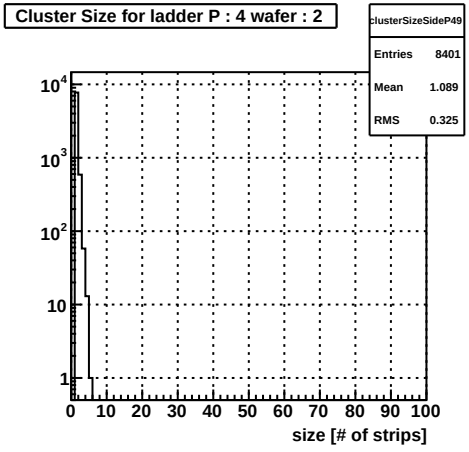

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 377
Mean 1
RMS 0
size [# of strips]

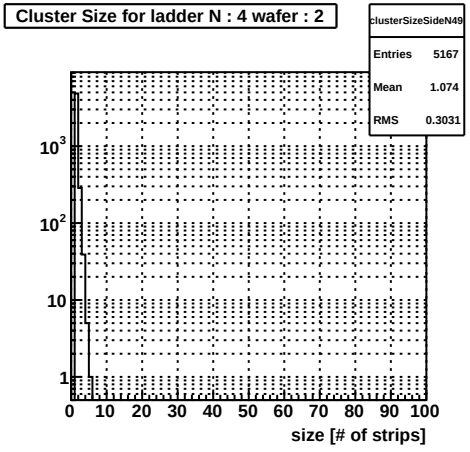

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1166
Mean 2.308
RMS 1.587
size [# of strips]

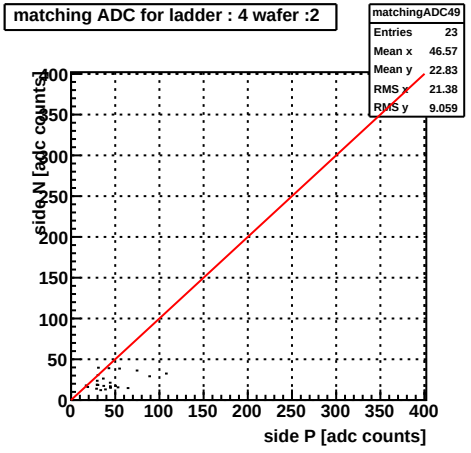

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

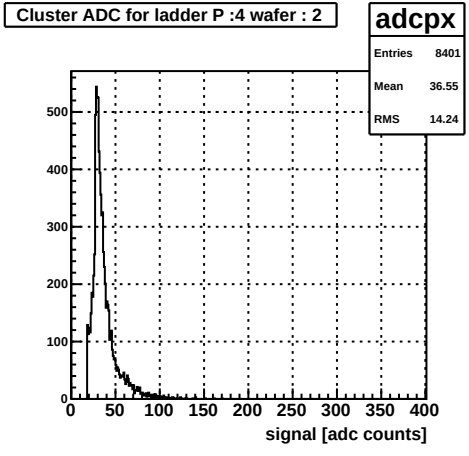

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 377
Mean 21.17
RMS 4.428
signal [adc counts]

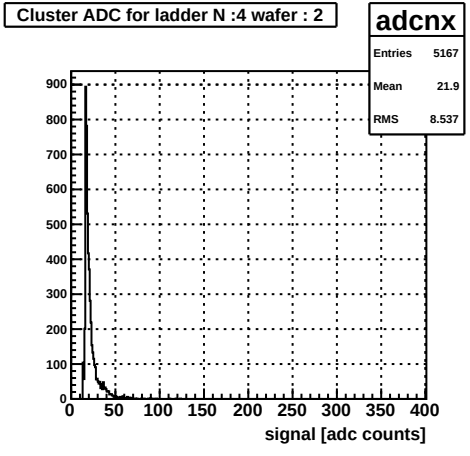

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1166
Mean 49.81
RMS 42.69
signal [adc counts]

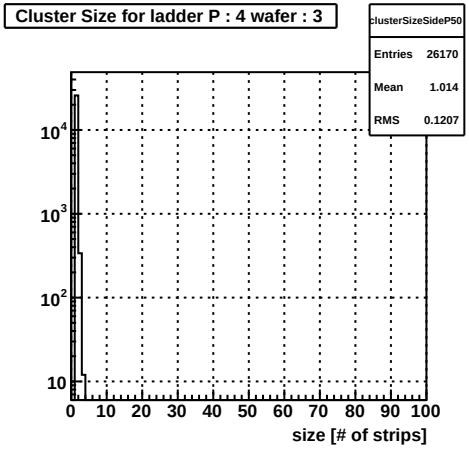

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8401
Mean 1.089
RMS 0.325
size [# of strips]

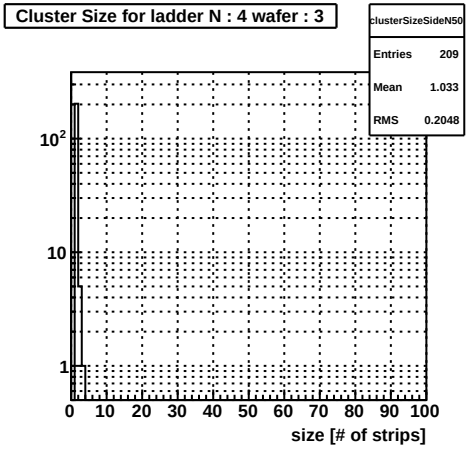

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5167
Mean 1.074
RMS 0.3031
size [# of strips]

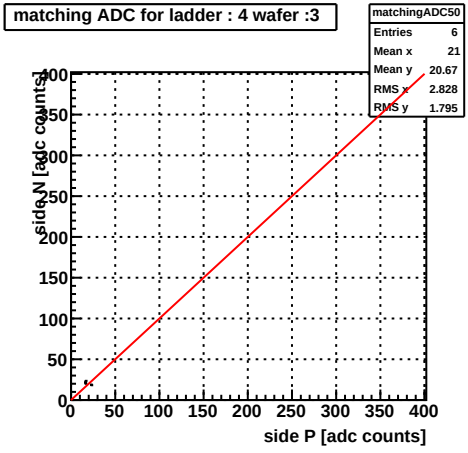

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 23
Mean x 46.57
Mean y 22.83
RMS x 21.38
RMS y 9.059
side N [adc counts]
side P [adc counts]

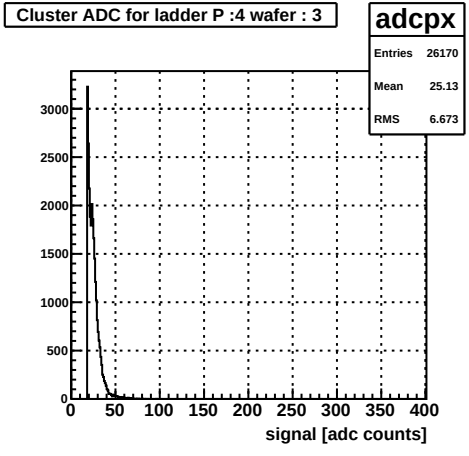

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8401
Mean 36.55
RMS 14.24
signal [adc counts]

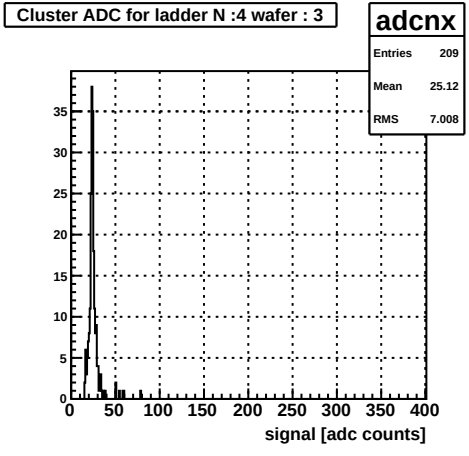

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5167
Mean 21.9
RMS 8.537
signal [adc counts]

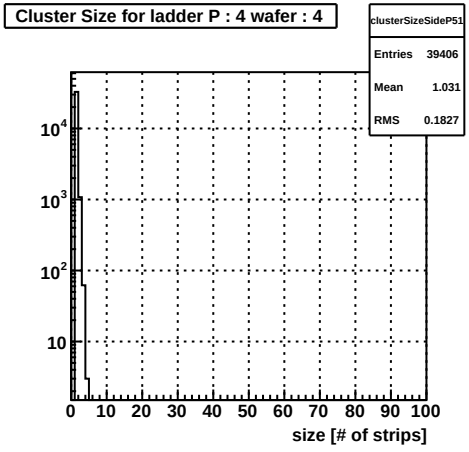

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 26170
Mean 1.014
RMS 0.1207
size [# of strips]

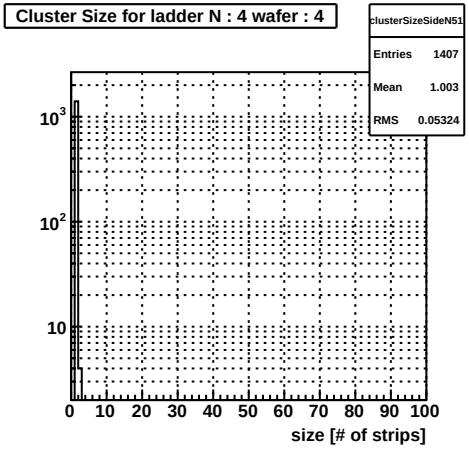

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 209
Mean 1.033
RMS 0.2048
size [# of strips]

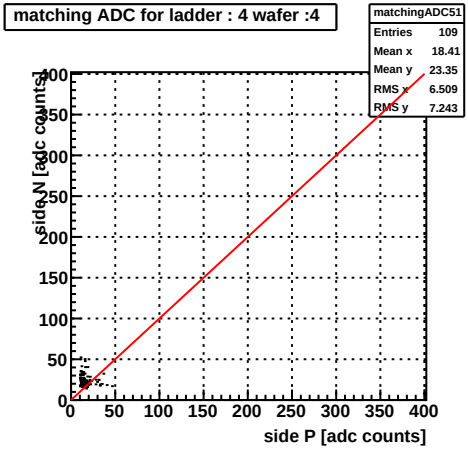

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 6
Mean x 21
Mean y 20.67
RMS x 2.828
RMS y 1.795
side N [adc counts]
side P [adc counts]

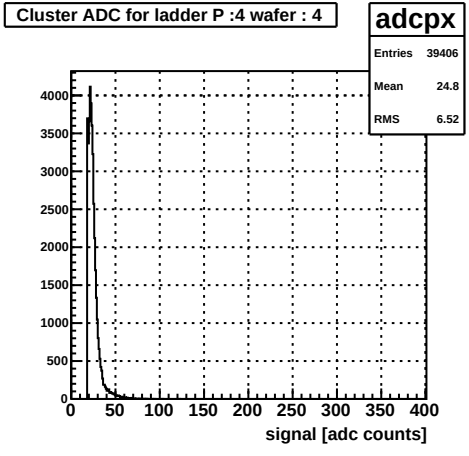

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 26170
Mean 25.13
RMS 6.673
signal [adc counts]

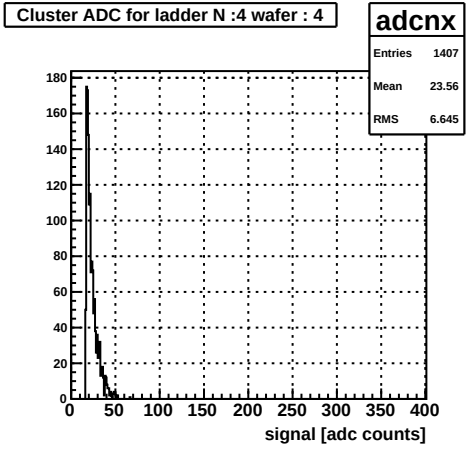

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 209
Mean 25.12
RMS 7.008
signal [adc counts]

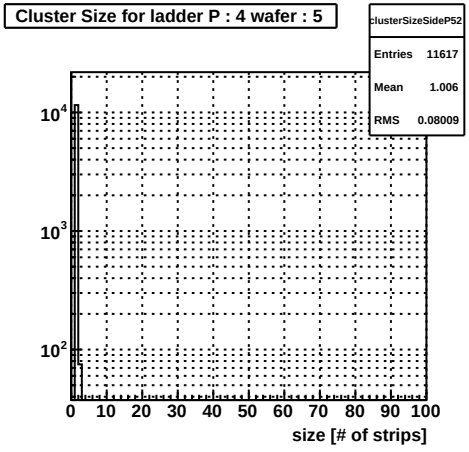

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 39406
Mean 1.031
RMS 0.1827
size [# of strips]

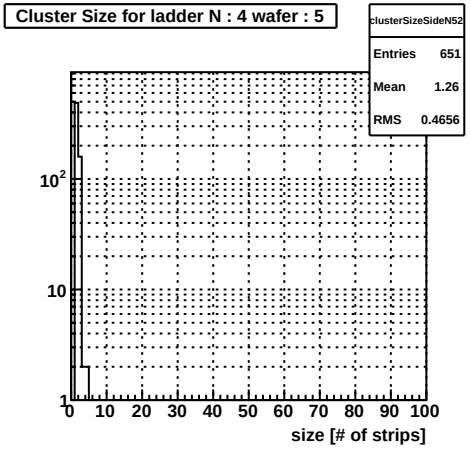

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1407
Mean 1.003
RMS 0.05324
size [# of strips]

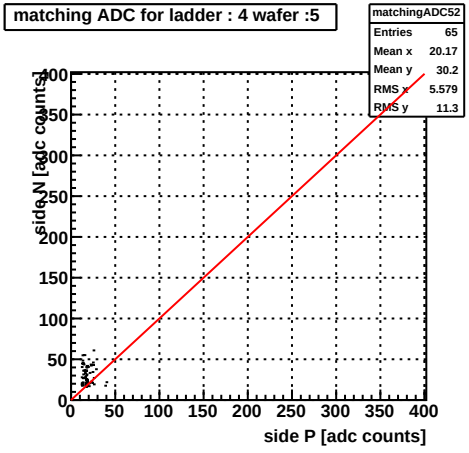

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 109
Mean x 18.41
Mean y 23.35
RMS x 6.509
RMS y 7.243
side N [adc counts]
side P [adc counts]

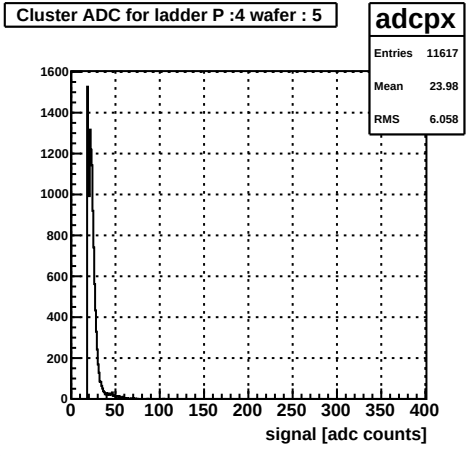

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 39406
Mean 24.8
RMS 6.52
signal [adc counts]

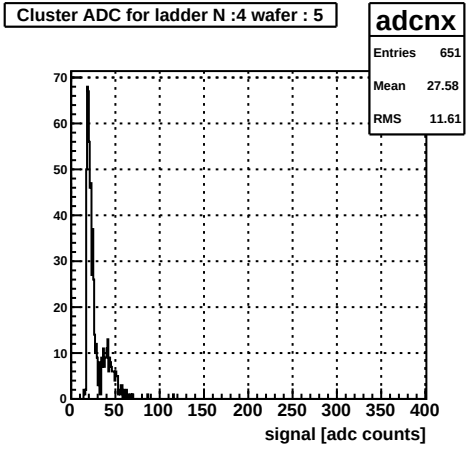

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1407
Mean 23.56
RMS 6.645
signal [adc counts]

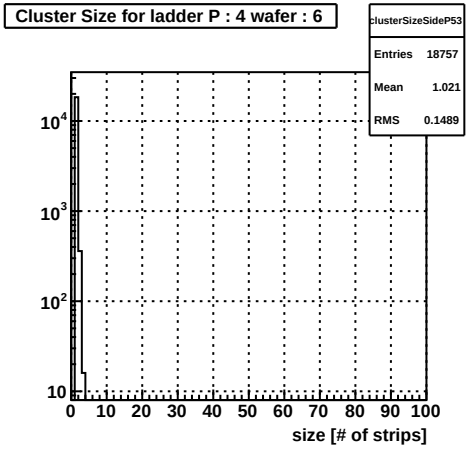

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 11617
Mean 1.006
RMS 0.08009
size [# of strips]

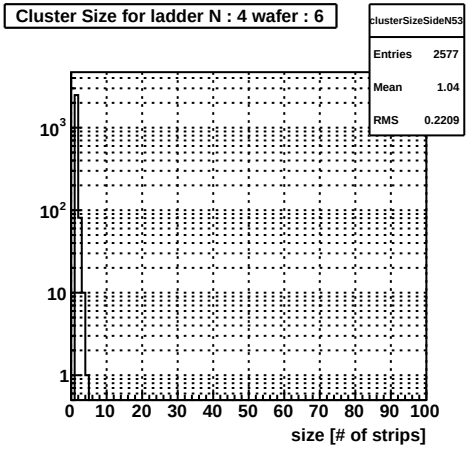

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 651
Mean 1.26
RMS 0.4656
size [# of strips]

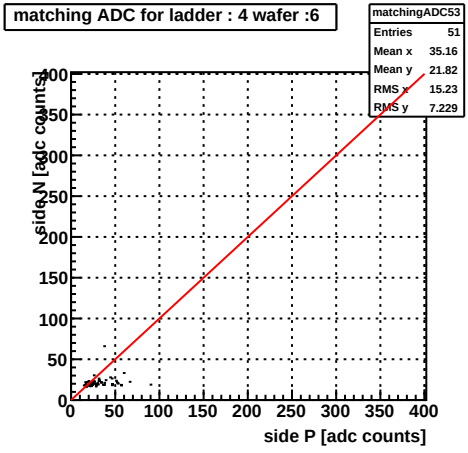

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 65
Mean x 20.17
Mean y 30.2
RMS x 5.579
RMS y 11.3
side N [adc counts]
side P [adc counts]

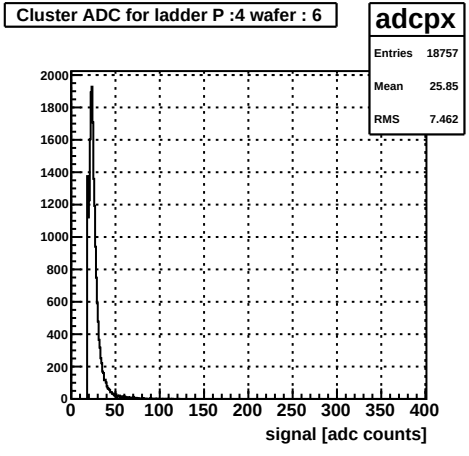

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 11617
Mean 23.98
RMS 6.058
signal [adc counts]

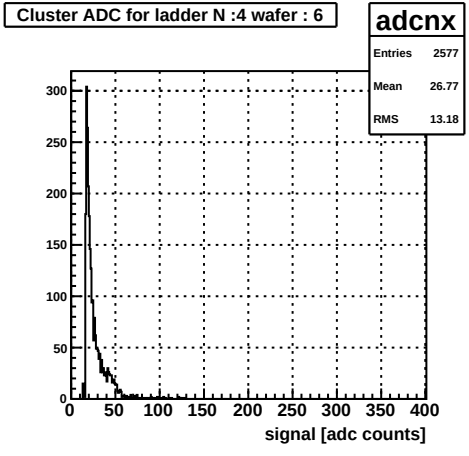

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 651
Mean 27.58
RMS 11.61
signal [adc counts]

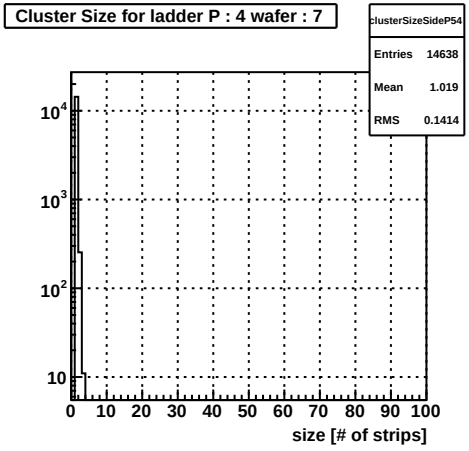

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18757
Mean 1.021
RMS 0.1489
size [# of strips]

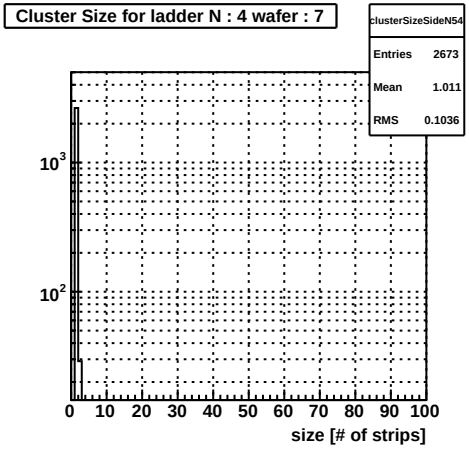

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 2577
Mean 1.04
RMS 0.2209
size [# of strips]

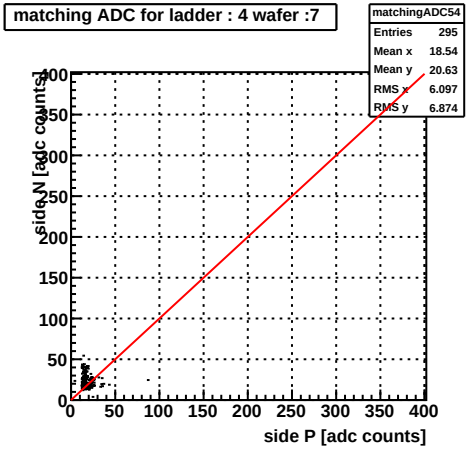

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 51
Mean x 35.16
Mean y 21.82
RMS x 15.23
RMS y 7.229
side N [adc counts]
side P [adc counts]

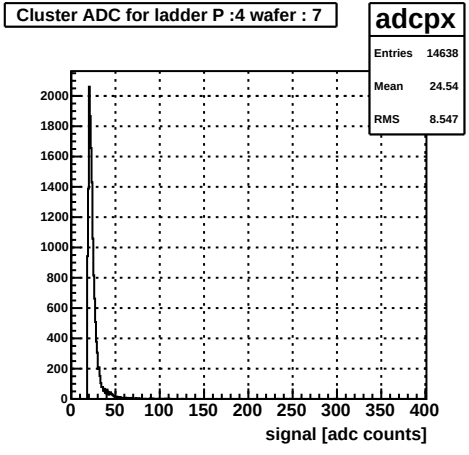

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18757
Mean 25.85
RMS 7.462
signal [adc counts]

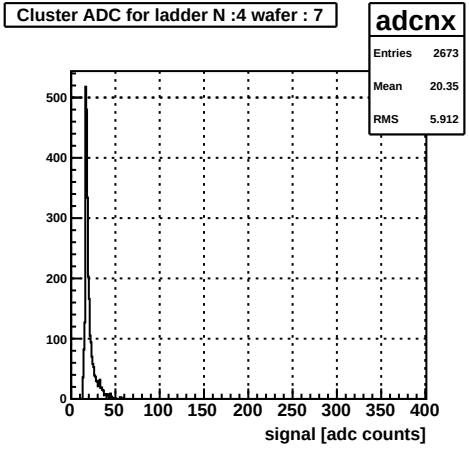

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 2577
Mean 26.77
RMS 13.18
signal [adc counts]

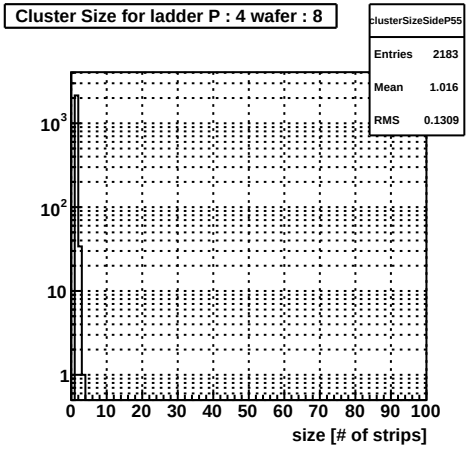

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 14638
Mean 1.019
RMS 0.1414
size [# of strips]

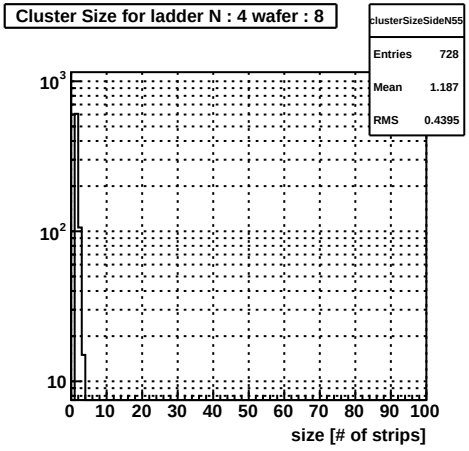

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2673
Mean 1.011
RMS 0.1036
size [# of strips]

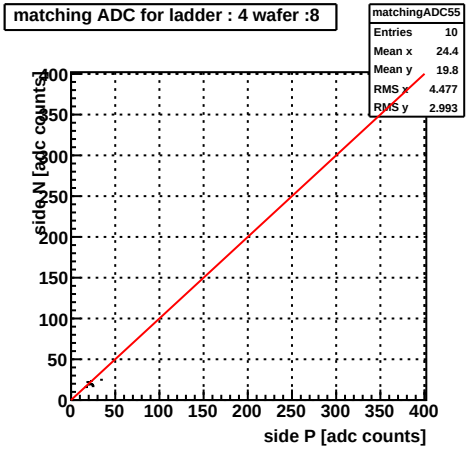

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 295
Mean x 18.54
Mean y 20.63
RMS x 6.097
RMS y 6.874
side N [adc counts]
side P [adc counts]

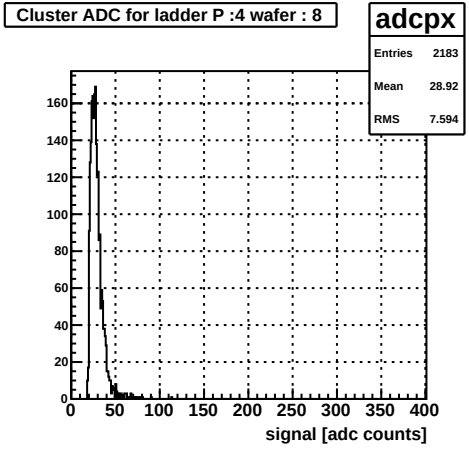

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 14638
Mean 24.54
RMS 8.547
signal [adc counts]

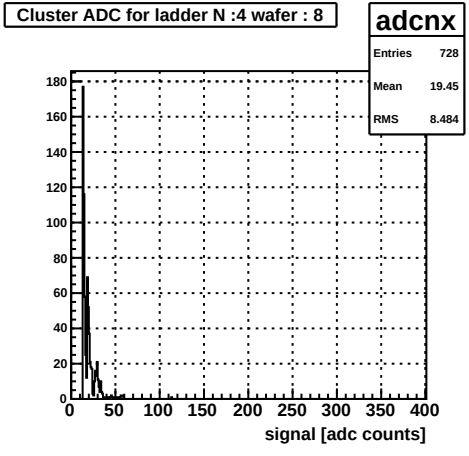

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2673
Mean 20.35
RMS 5.912
signal [adc counts]

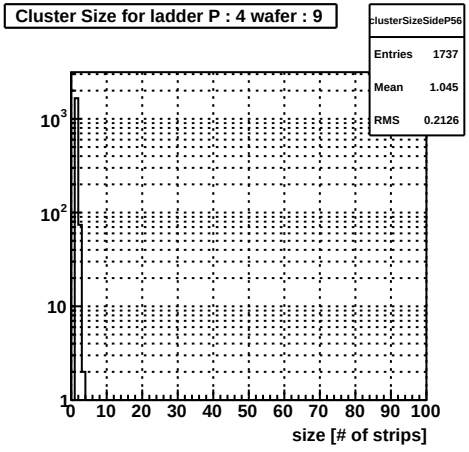

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2183
Mean 1.016
RMS 0.1309
size [# of strips]

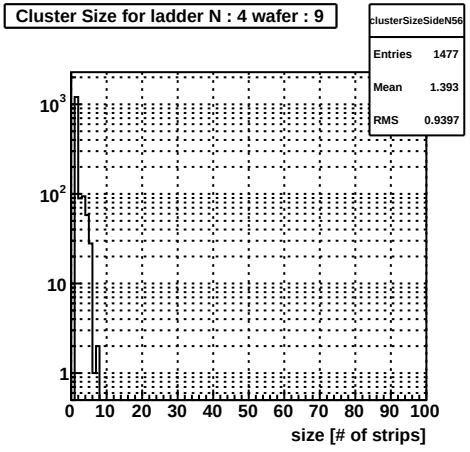

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 728
Mean 1.187
RMS 0.4395
size [# of strips]

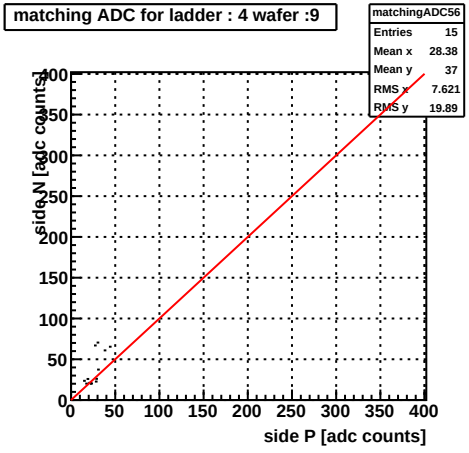

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 10
Mean x 24.4
Mean y 19.8
RMS x 4.477
RMS y 2.993
side N [adc counts]
side P [adc counts]

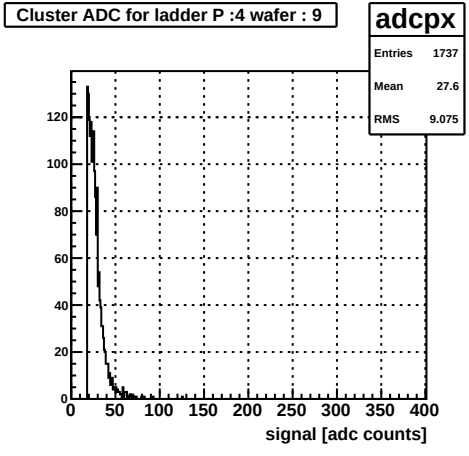

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2183
Mean 28.92
RMS 7.594
signal [adc counts]

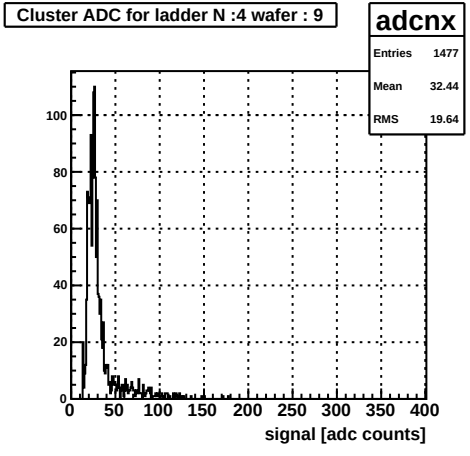

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 728
Mean 19.45
RMS 8.484
signal [adc counts]

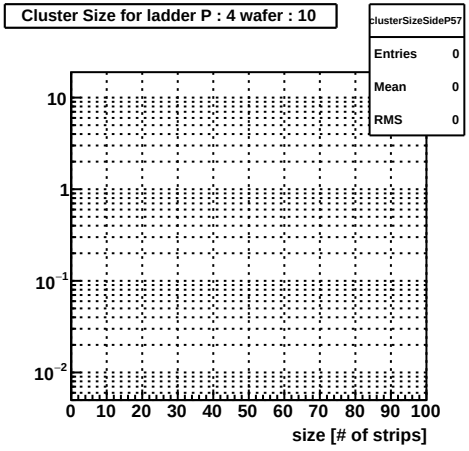

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1737
Mean 1.045
RMS 0.2126
size [# of strips]

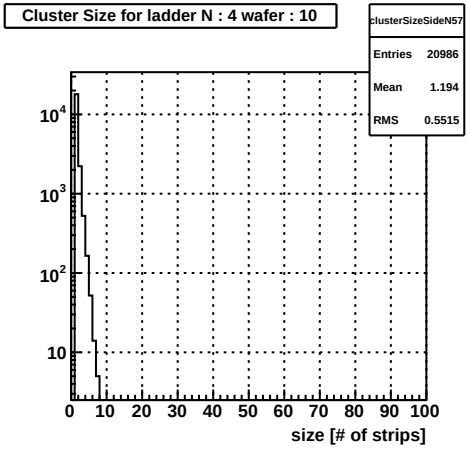

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1477
Mean 1.393
RMS 0.9397
size [# of strips]

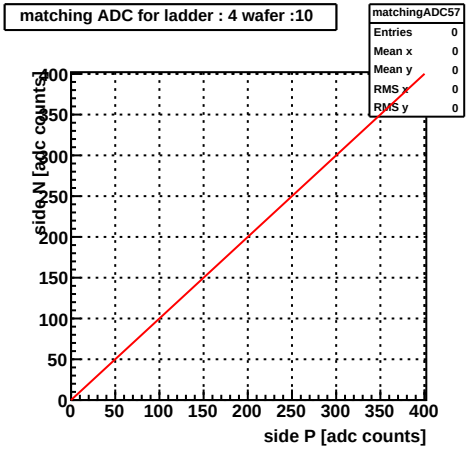

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 15
Mean x 28.38
Mean y 37
RMS x 7.621
RMS y 19.89
side N [adc counts]
side P [adc counts]

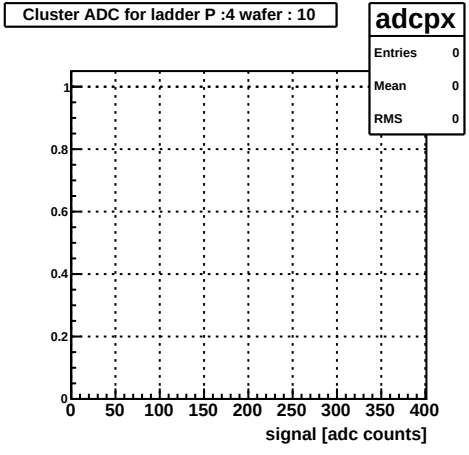

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1737
Mean 27.6
RMS 9.075
signal [adc counts]

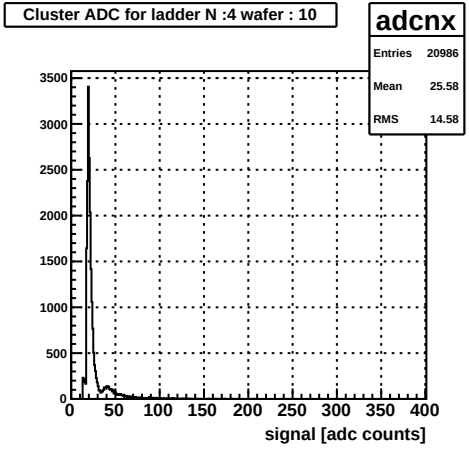

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1477
Mean 32.44
RMS 19.64
signal [adc counts]

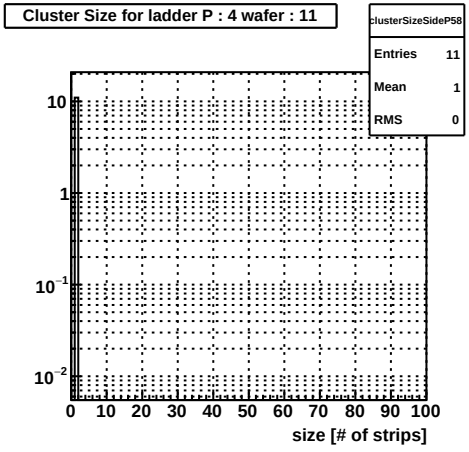

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

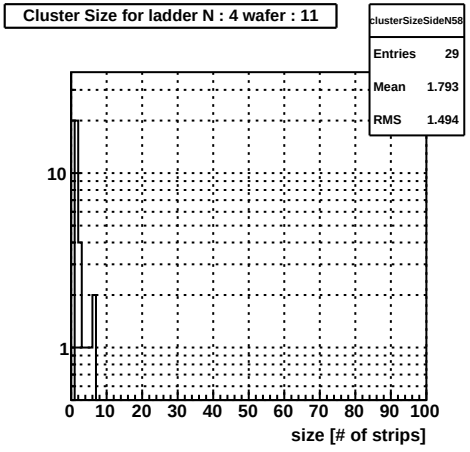

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 20986
Mean 1.194
RMS 0.5515
size [# of strips]

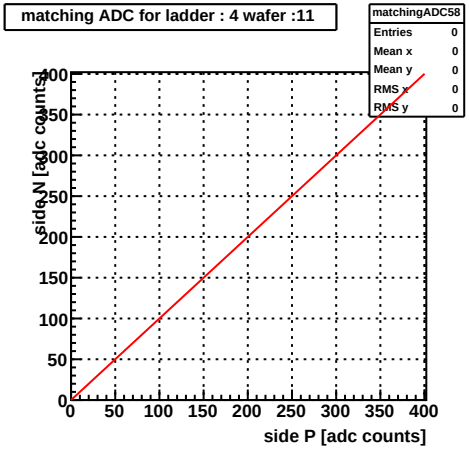

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

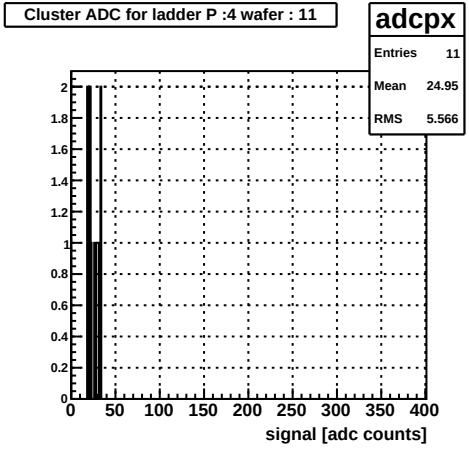

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

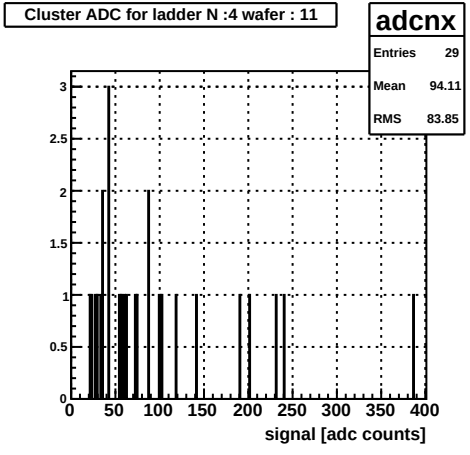

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 20986
Mean 25.58
RMS 14.58
signal [adc counts]

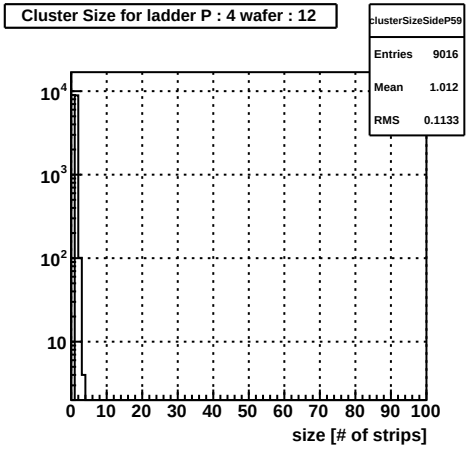

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 11
Mean 1
RMS 0
size [# of strips]

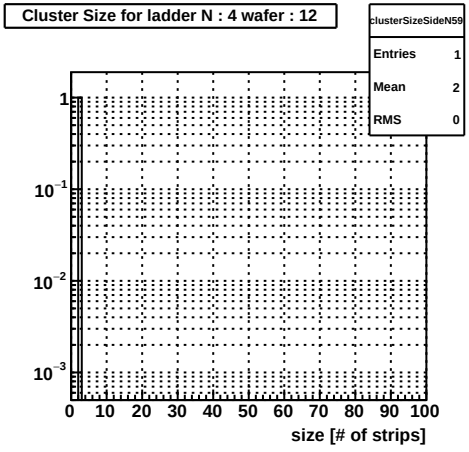

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 29
Mean 1.793
RMS 1.494
size [# of strips]

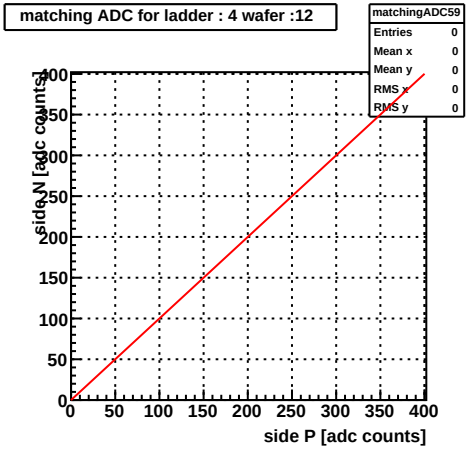

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

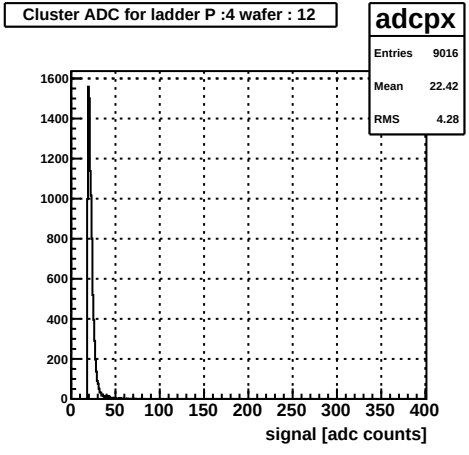

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 11
Mean 24.95
RMS 5.566
signal [adc counts]

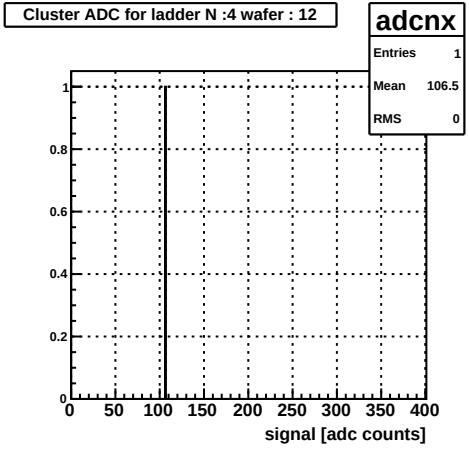

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 29
Mean 94.11
RMS 83.85
signal [adc counts]

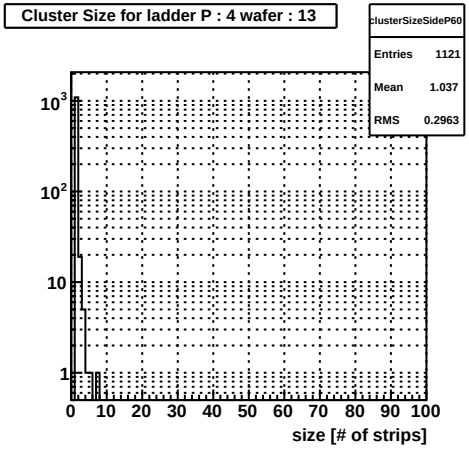

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 9016
Mean 1.012
RMS 0.1133
size [# of strips]

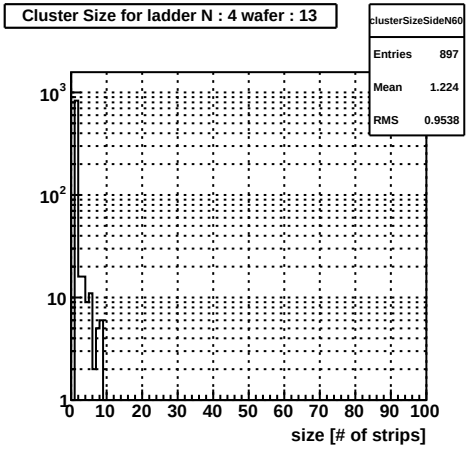

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1
Mean 2
RMS 0
size [# of strips]

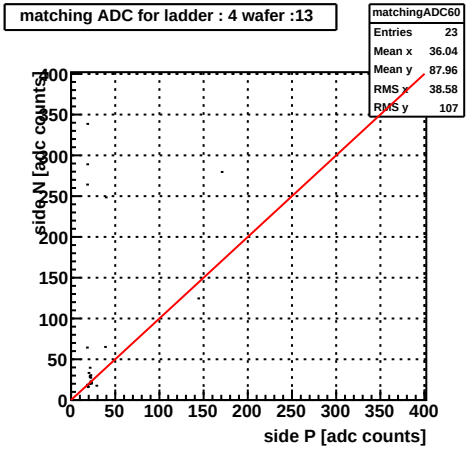

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

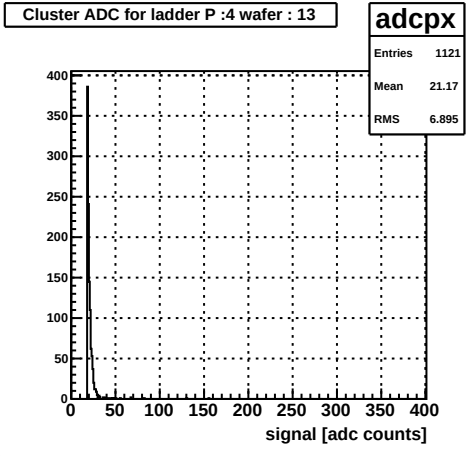

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 9016
Mean 22.42
RMS 4.28
signal [adc counts]

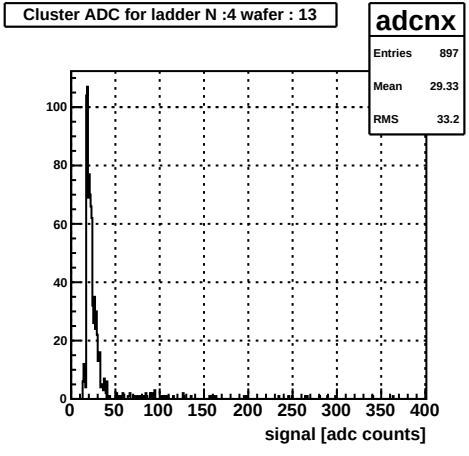

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1
Mean 106.5
RMS 0
signal [adc counts]

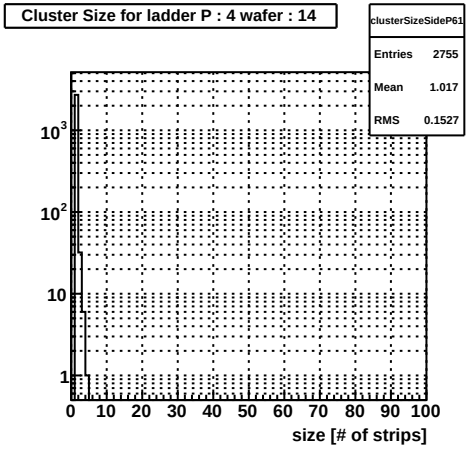

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1121
Mean 1.037
RMS 0.2963
size [# of strips]

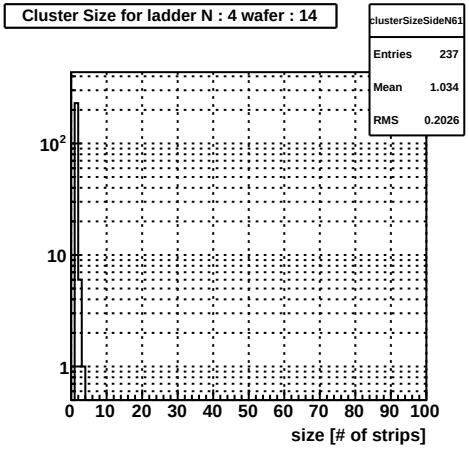

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 897
Mean 1.224
RMS 0.9538
size [# of strips]

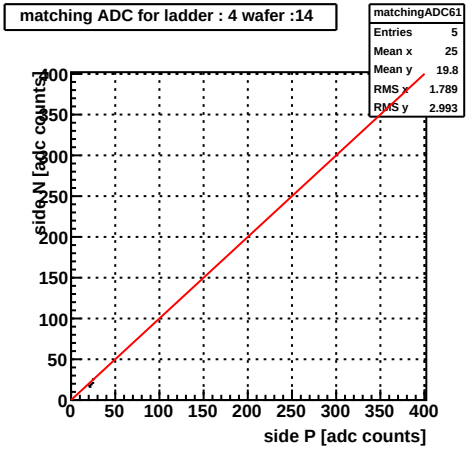

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 23
Mean x 36.04
Mean y 87.96
RMS x 38.58
RMS y 107
side N [adc counts]
side P [adc counts]

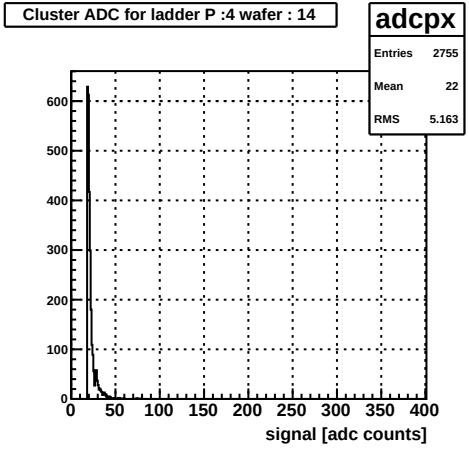

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1121
Mean 21.17
RMS 6.895
signal [adc counts]

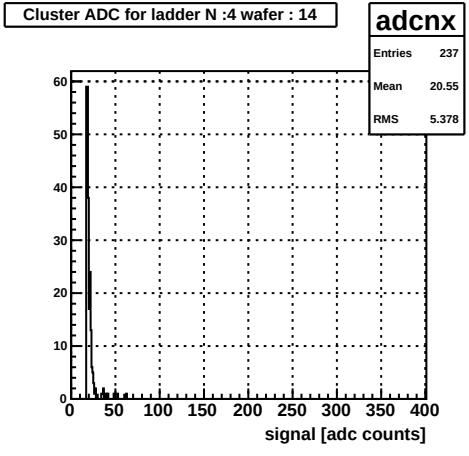

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 897
Mean 29.33
RMS 33.2
signal [adc counts]

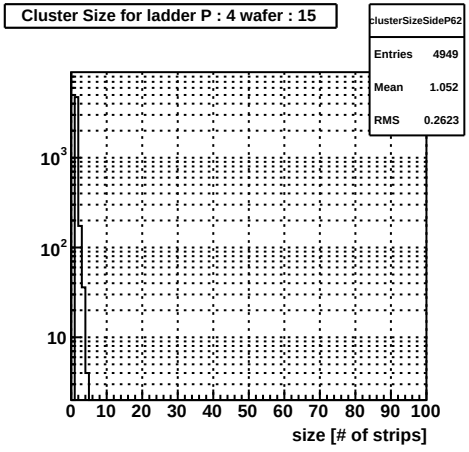

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2755
Mean 1.017
RMS 0.1527
size [# of strips]

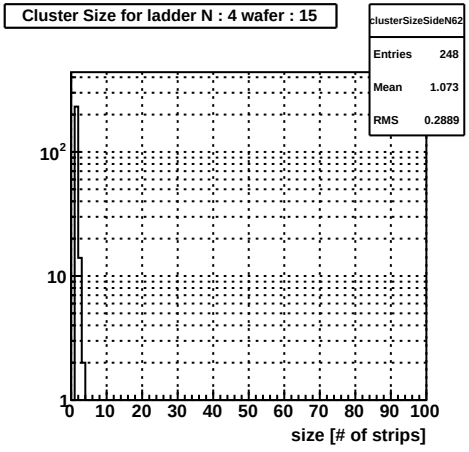

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 237
Mean 1.034
RMS 0.2026
size [# of strips]

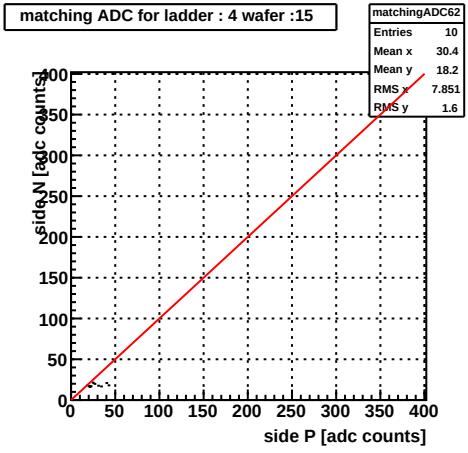

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5
Mean x 25
Mean y 19.8
RMS x 1.789
RMS y 2.993
side N [adc counts]
side P [adc counts]

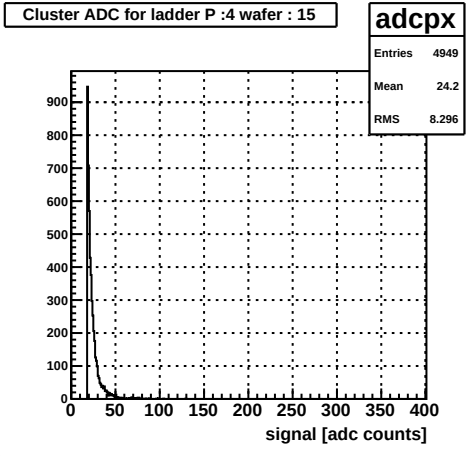

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2755
Mean 22
RMS 5.163
signal [adc counts]

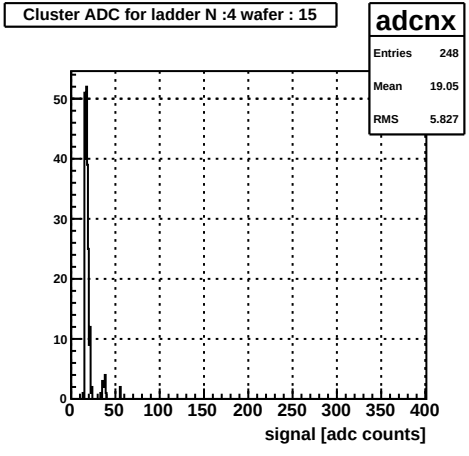

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 237
Mean 20.55
RMS 5.378
signal [adc counts]

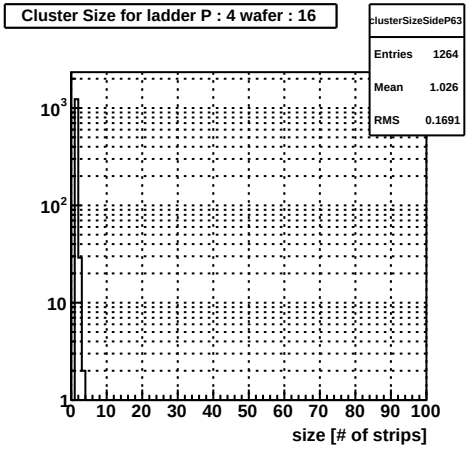

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4949
Mean 1.052
RMS 0.2623
size [# of strips]

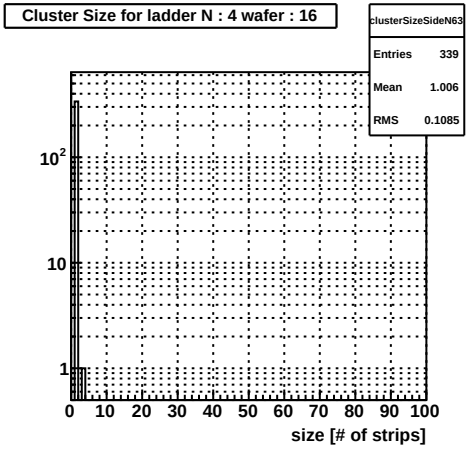

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 248
Mean 1.073
RMS 0.2889
size [# of strips]

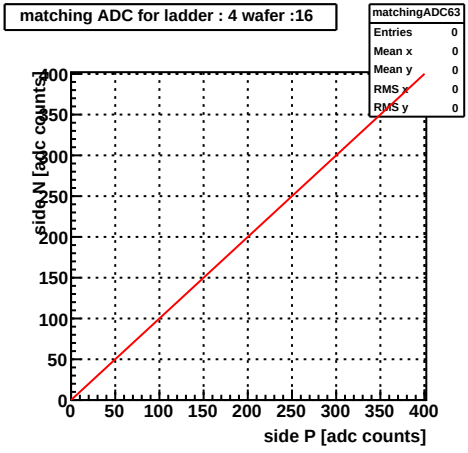

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 10
Mean x 30.4
Mean y 18.2
RMS x 7.851
RMS y 1.6
side N [adc counts]
side P [adc counts]

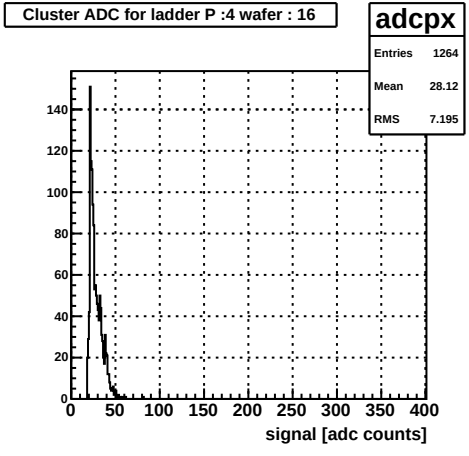

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4949
Mean 24.2
RMS 8.296
signal [adc counts]

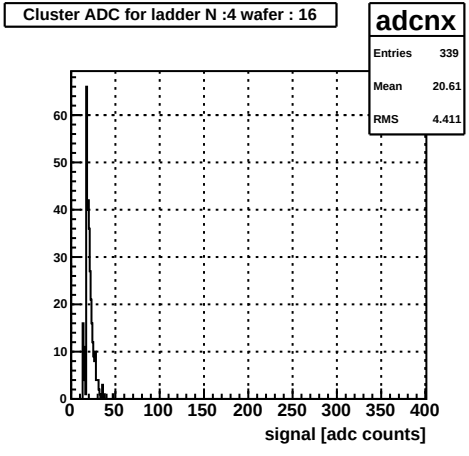

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 248
Mean 19.05
RMS 5.827
signal [adc counts]

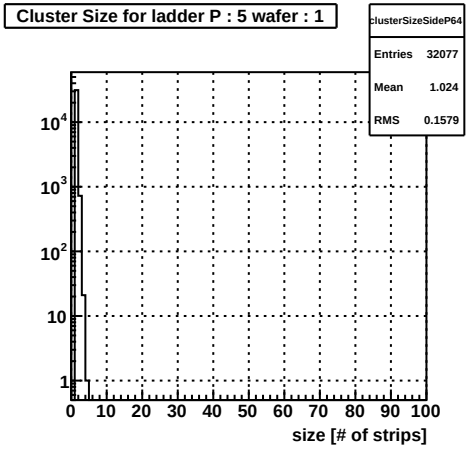

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1264
Mean 1.026
RMS 0.1691
size [# of strips]

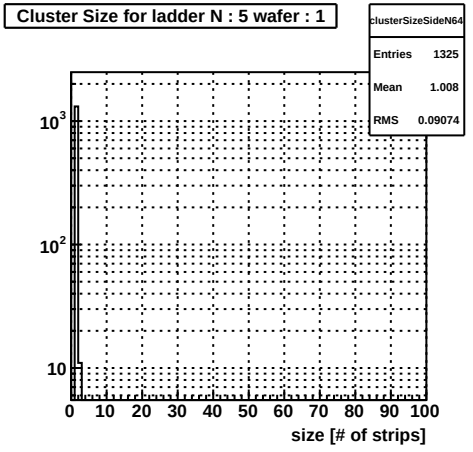

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 339
Mean 1.006
RMS 0.1085
size [# of strips]

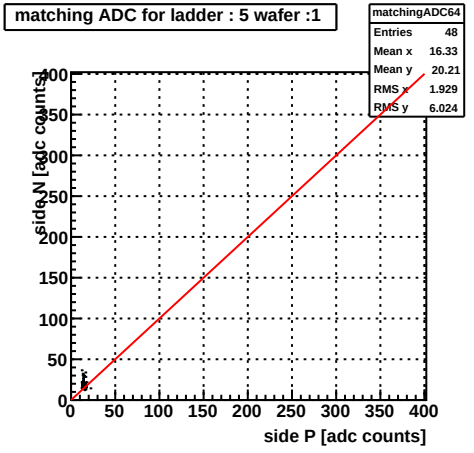

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

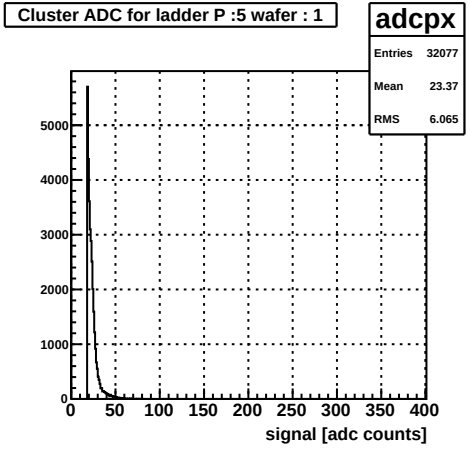

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1264
Mean 28.12
RMS 7.195
signal [adc counts]

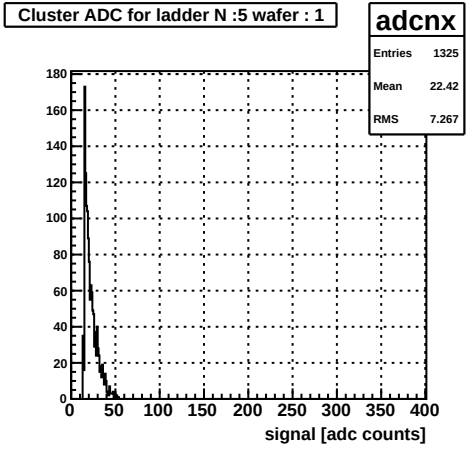

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 339
Mean 20.61
RMS 4.411
signal [adc counts]

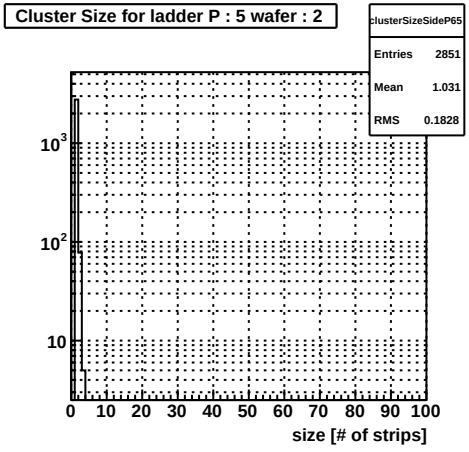

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 32077
Mean 1.024
RMS 0.1579
size [# of strips]

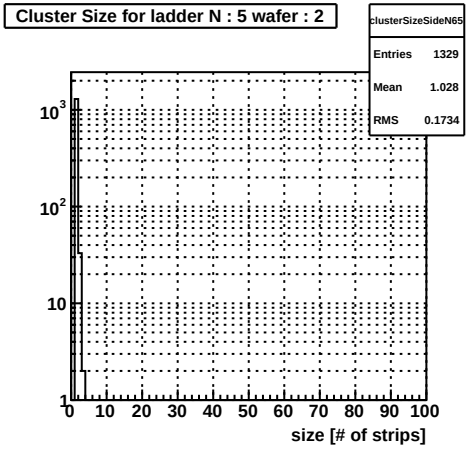

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1325
Mean 1.008
RMS 0.09074
size [# of strips]

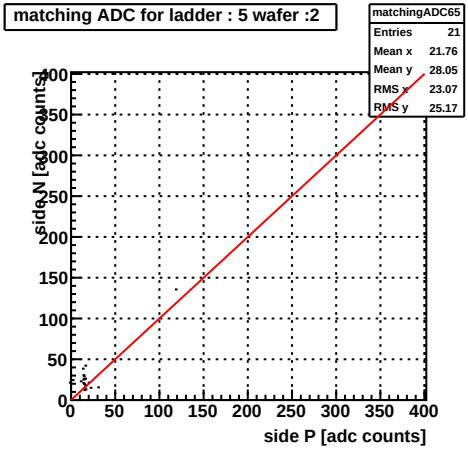

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 48
Mean x 16.33
Mean y 20.21
RMS x 1.929
RMS y 6.024
side N [adc counts]
side P [adc counts]

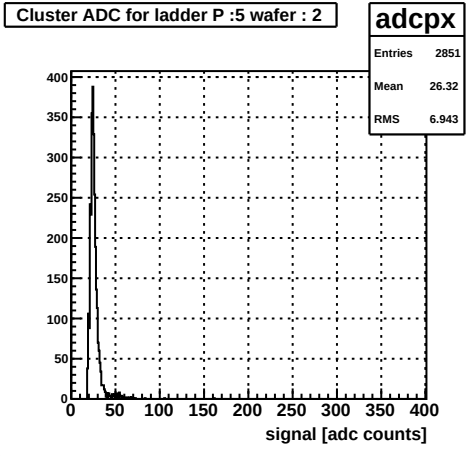

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 32077
Mean 23.37
RMS 6.065
signal [adc counts]

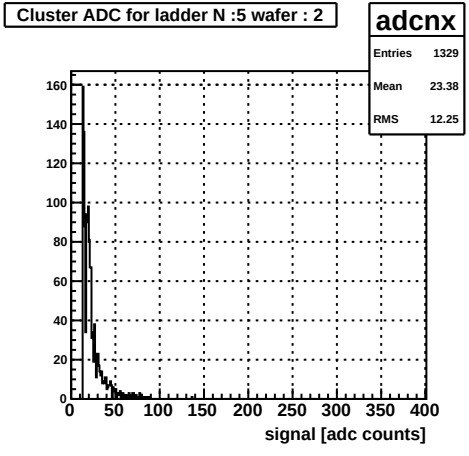

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1325
Mean 22.42
RMS 7.267
signal [adc counts]

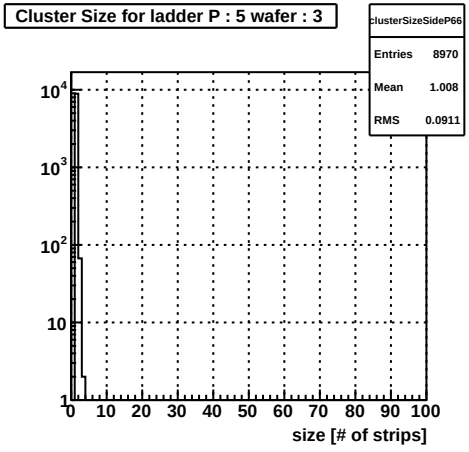

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2851
Mean 1.031
RMS 0.1828
size [# of strips]

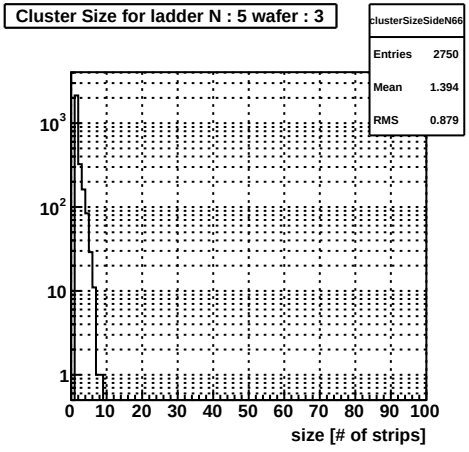

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1329
Mean 1.028
RMS 0.1734
size [# of strips]

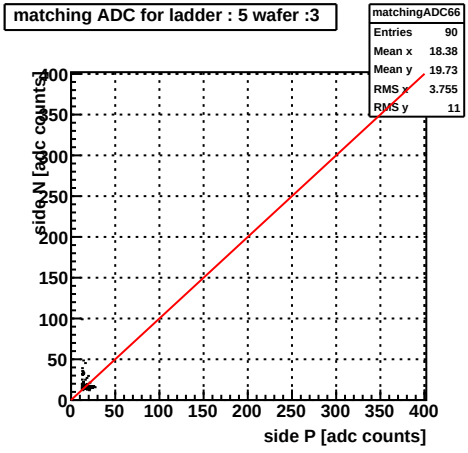

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 21
Mean x 21.76
Mean y 28.05
RMS x 23.07
RMS y 25.17
side N [adc counts]
side P [adc counts]

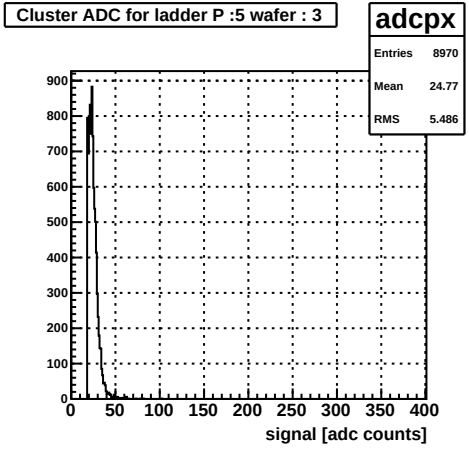

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2851
Mean 26.32
RMS 6.943
signal [adc counts]

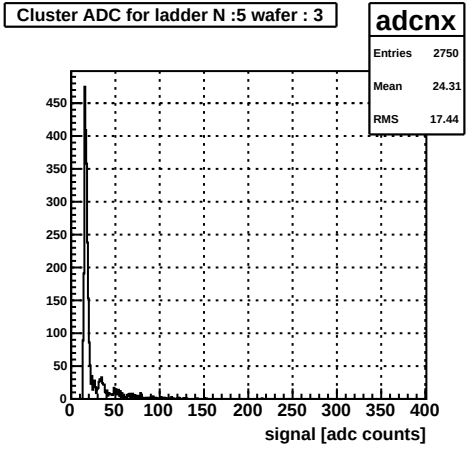

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1329
Mean 23.38
RMS 12.25
signal [adc counts]

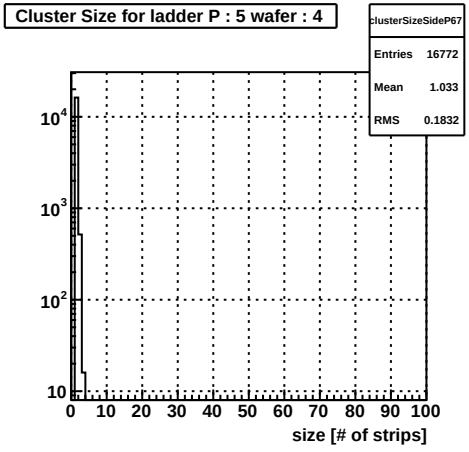

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 8970
Mean 1.008
RMS 0.0911
size [# of strips]

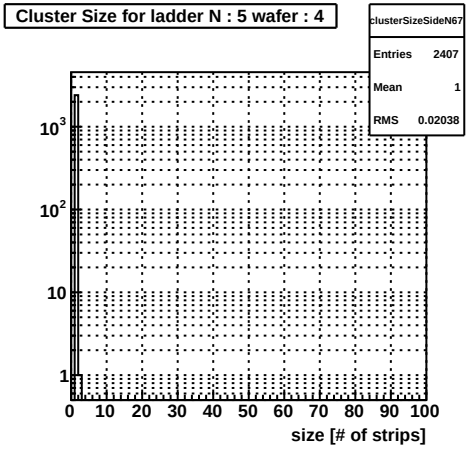

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 2750
Mean 1.394
RMS 0.879
size [# of strips]

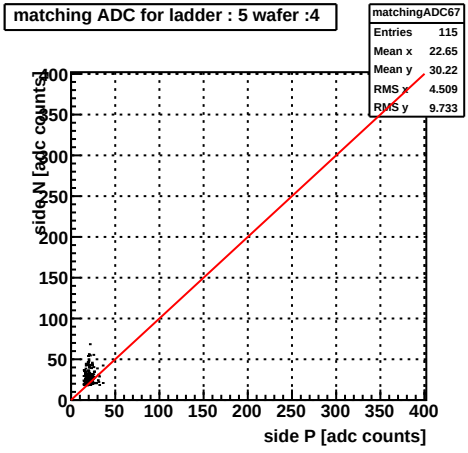

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 90
Mean x 18.38
Mean y 19.73
RMS x 3.755
RMS y 11
side N [adc counts]
side P [adc counts]

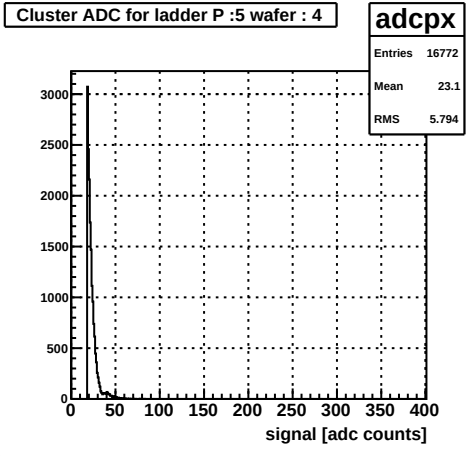

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 8970
Mean 24.77
RMS 5.486
signal [adc counts]

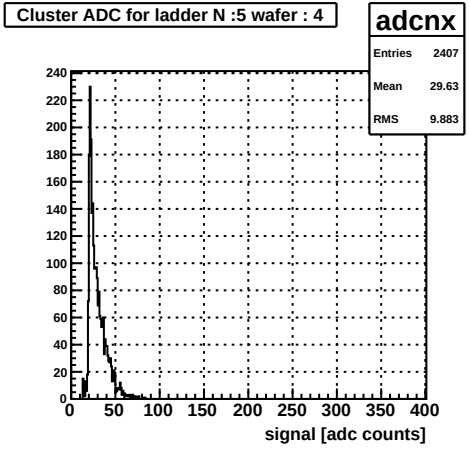

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 2750
Mean 24.31
RMS 17.44
signal [adc counts]

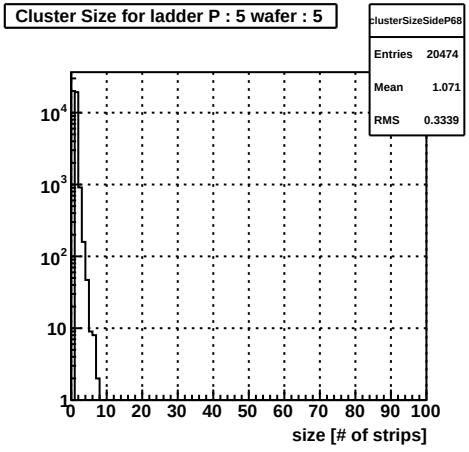

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 16772
Mean 1.033
RMS 0.1832
size [# of strips]

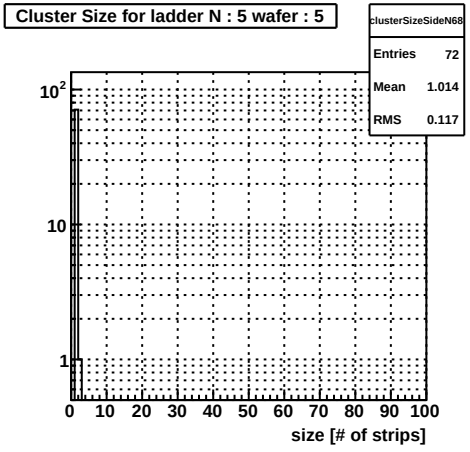

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2407
Mean 1
RMS 0.02038
size [# of strips]

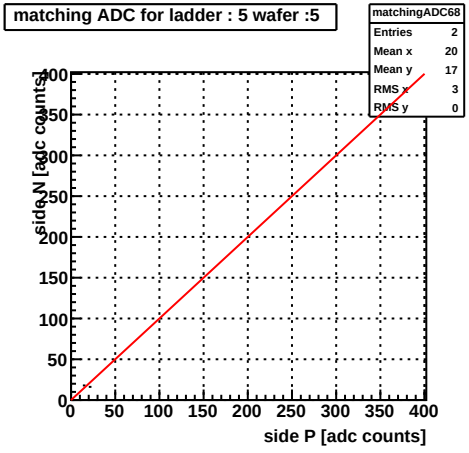

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 115
Mean x 22.65
Mean y 30.22
RMS x 4.509
RMS y 9.733
side N [adc counts]
side P [adc counts]

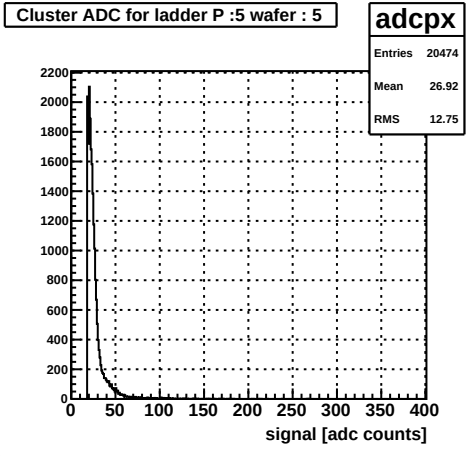

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 16772
Mean 23.1
RMS 5.794
signal [adc counts]

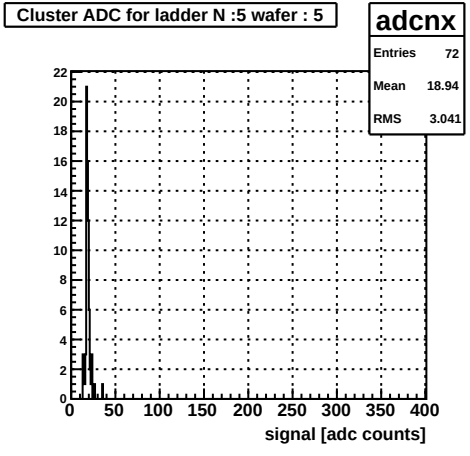

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2407
Mean 29.63
RMS 9.883
signal [adc counts]

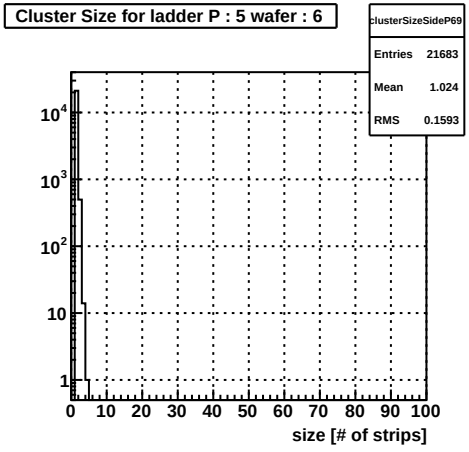

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 20474
Mean 1.071
RMS 0.3339
size [# of strips]

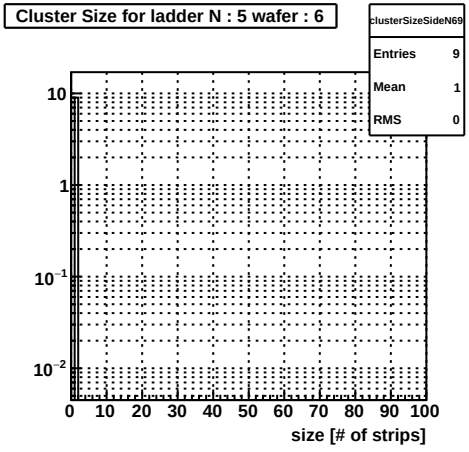

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 72
Mean 1.014
RMS 0.117
size [# of strips]

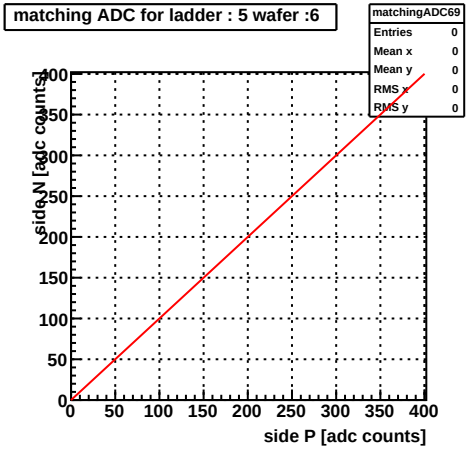

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 2
Mean x 20
Mean y 17
RMS x 3
RMS y 0
side N [adc counts]
side P [adc counts]

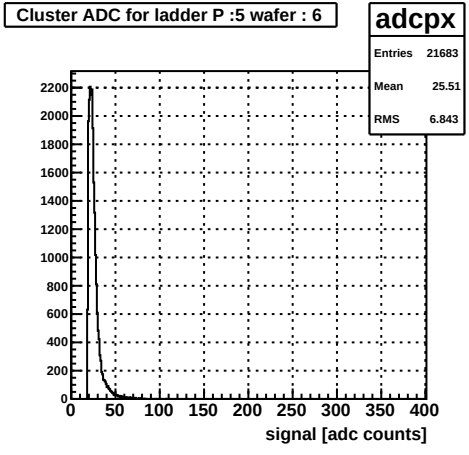

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 20474
Mean 26.92
RMS 12.75
signal [adc counts]

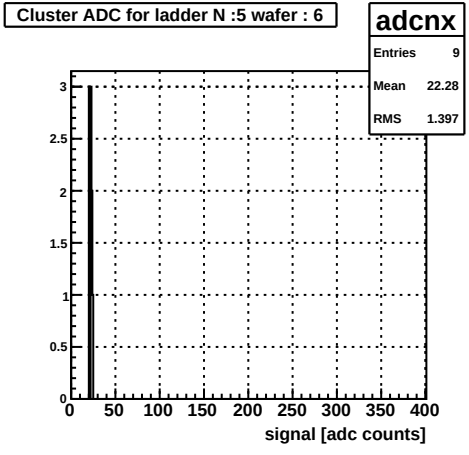

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 72
Mean 18.94
RMS 3.041
signal [adc counts]

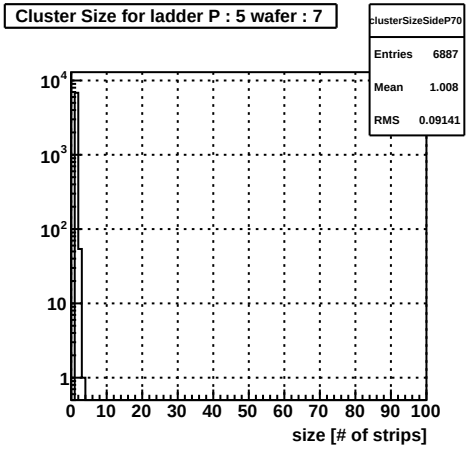

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 21683
Mean 1.024
RMS 0.1593
size [# of strips]

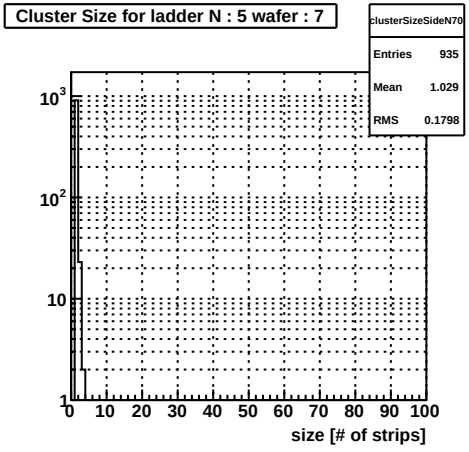

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 9
Mean 1
RMS 0
size [# of strips]

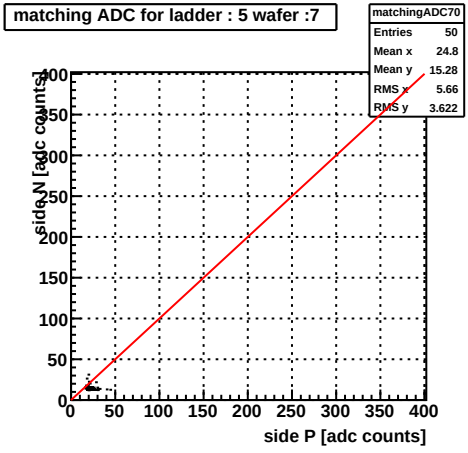

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

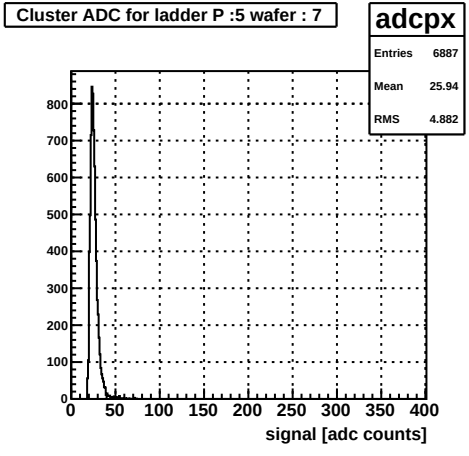

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 21683
Mean 25.51
RMS 6.843
signal [adc counts]

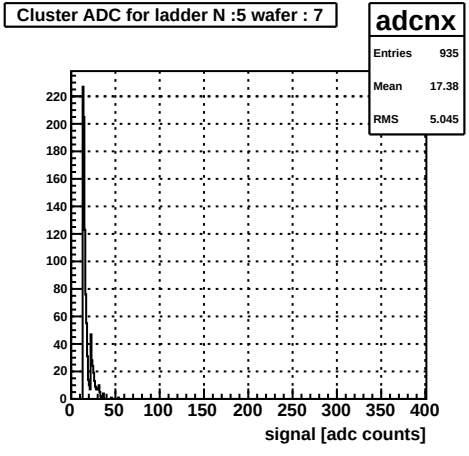

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 9
Mean 22.28
RMS 1.397
signal [adc counts]

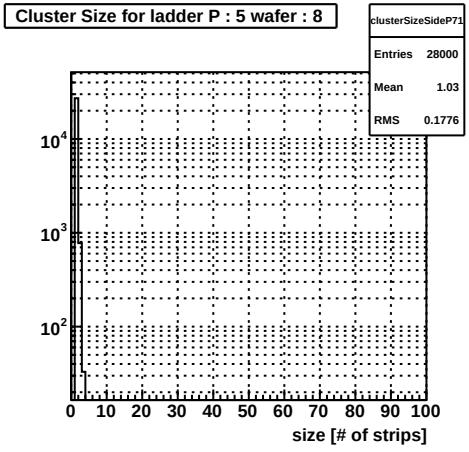

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6887
Mean 1.008
RMS 0.09141
size [# of strips]

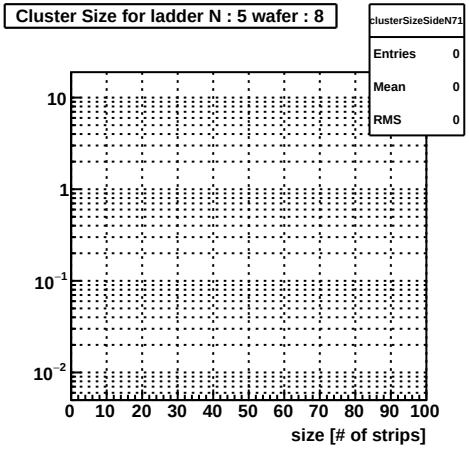

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 935
Mean 1.029
RMS 0.1798
size [# of strips]

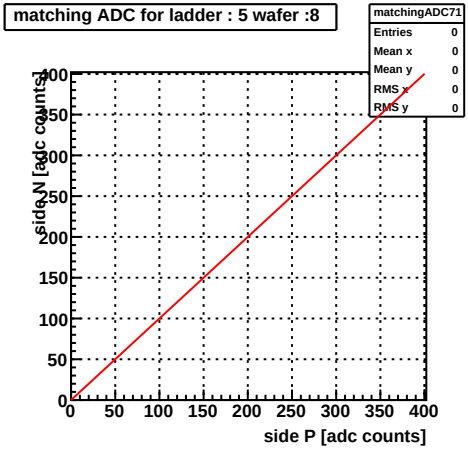

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 50
Mean x 24.8
Mean y 15.28
RMS x 5.66
RMS y 3.622
side N [adc counts]
side P [adc counts]

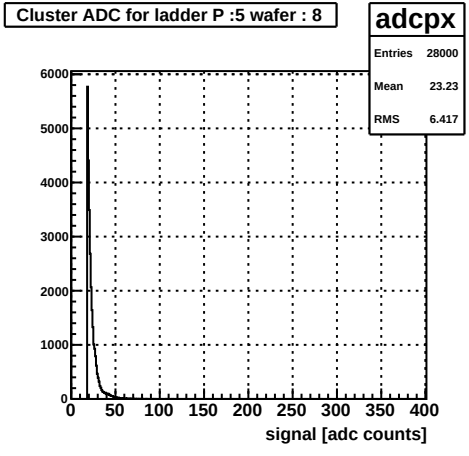

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6887
Mean 25.94
RMS 4.882
signal [adc counts]

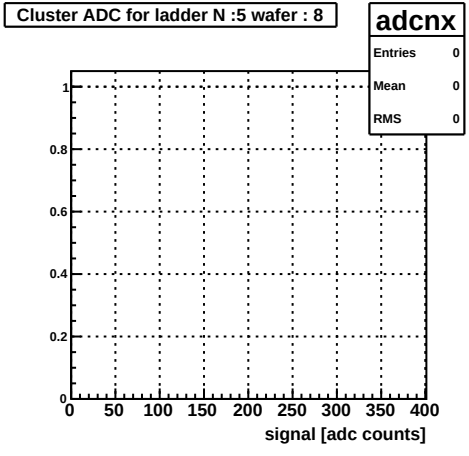

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 935
Mean 17.38
RMS 5.045
signal [adc counts]

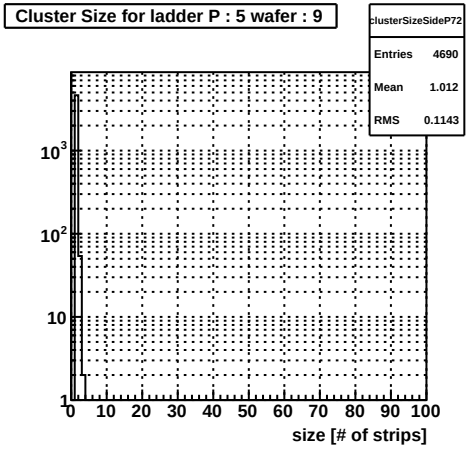

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 28000
Mean 1.03
RMS 0.1776
size [# of strips]

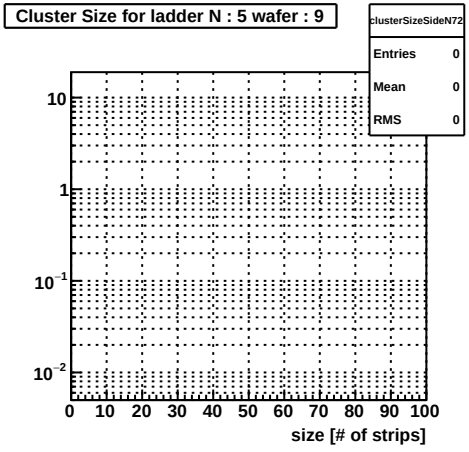

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

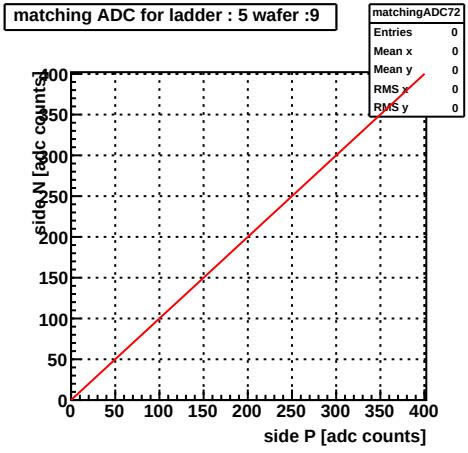

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

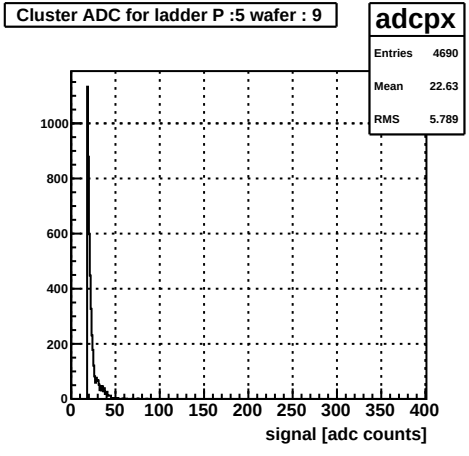

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 28000
Mean 23.23
RMS 6.417
signal [adc counts]

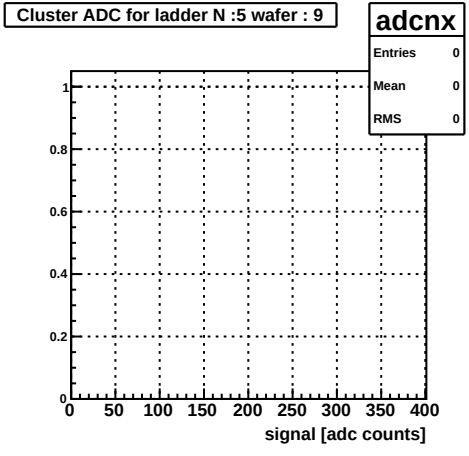

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

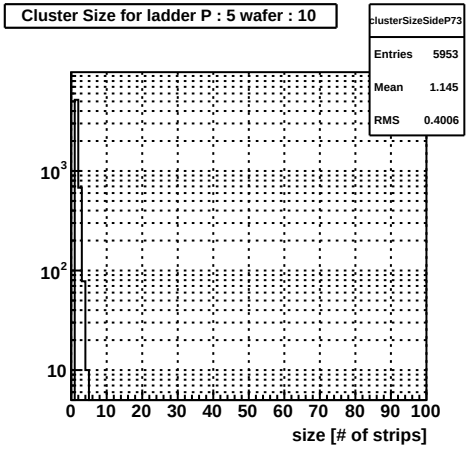

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4690
Mean 1.012
RMS 0.1143
size [# of strips]

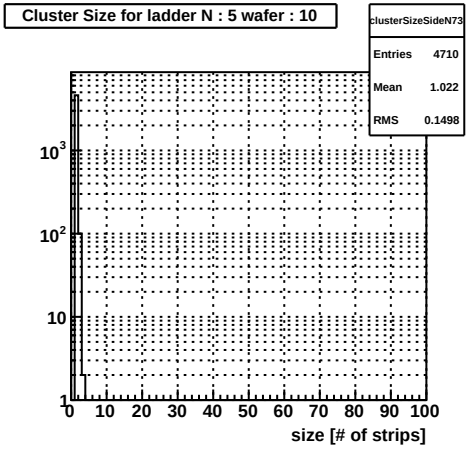

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

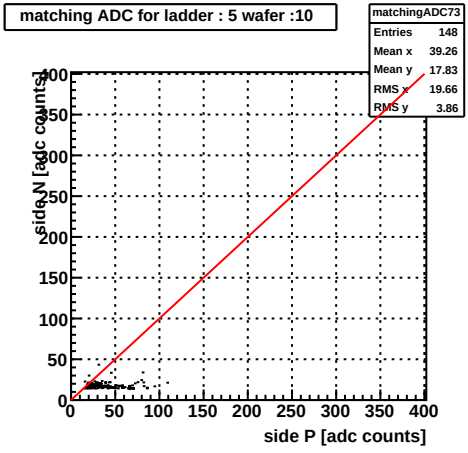

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

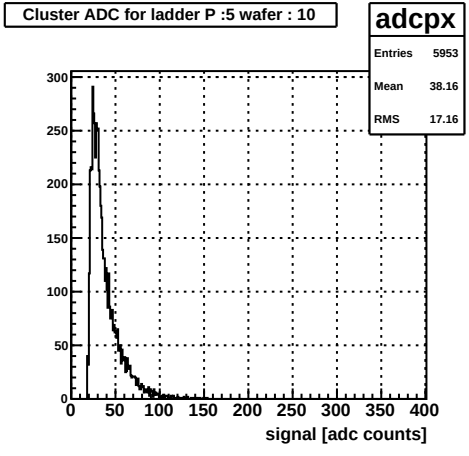

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4690
Mean 22.63
RMS 5.789
signal [adc counts]

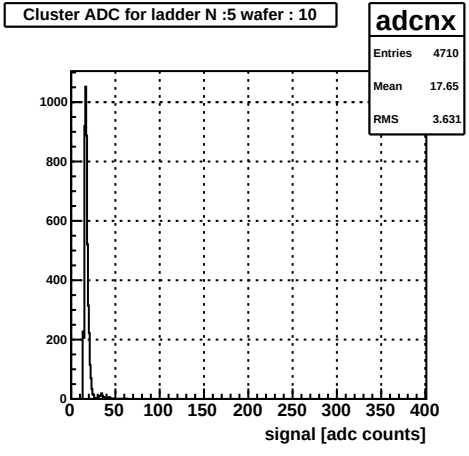

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

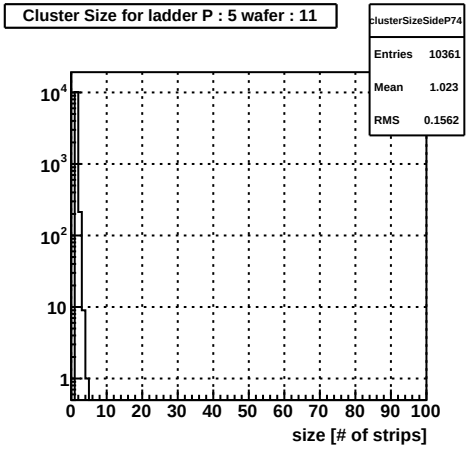

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5953
Mean 1.145
RMS 0.4006
size [# of strips]

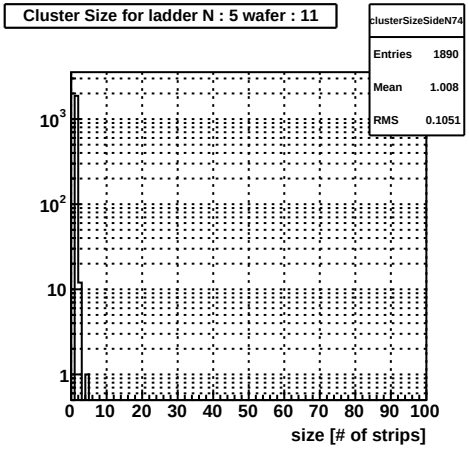

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 4710
Mean 1.022
RMS 0.1498
size [# of strips]

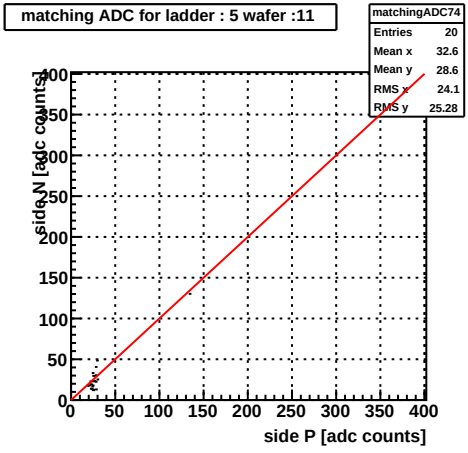

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 148
Mean x 39.26
Mean y 17.83
RMS x 19.66
RMS y 3.86
side N [adc counts]
side P [adc counts]

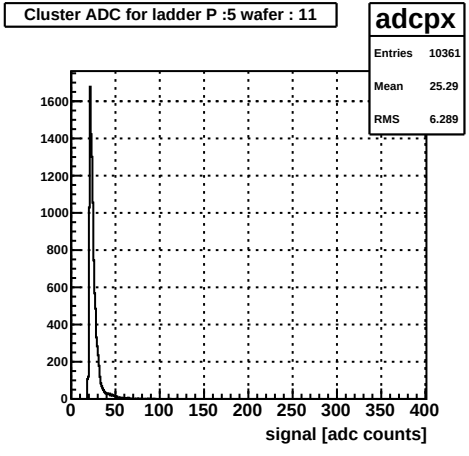

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5953
Mean 38.16
RMS 17.16
signal [adc counts]

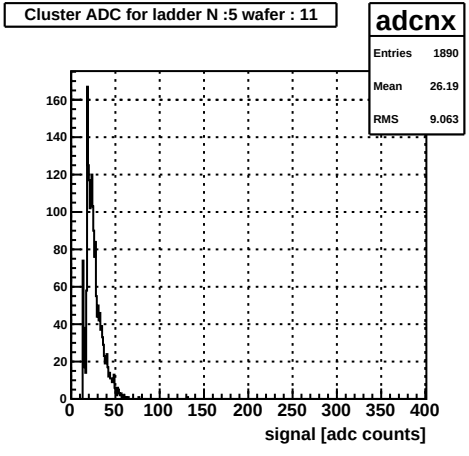

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 4710
Mean 17.65
RMS 3.631
signal [adc counts]

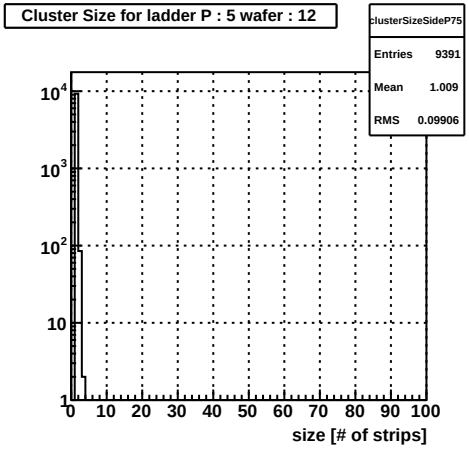

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 10361
Mean 1.023
RMS 0.1562
size [# of strips]

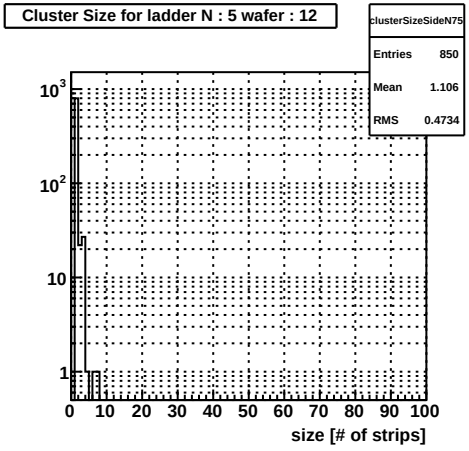

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1890
Mean 1.008
RMS 0.1051
size [# of strips]

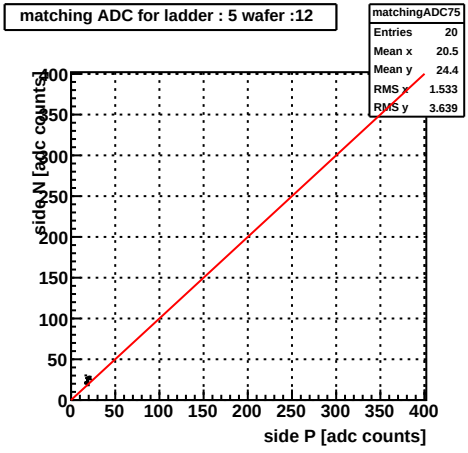

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 20
Mean x 32.6
Mean y 28.6
RMS x 24.1
RMS y 25.28
side N [adc counts]
side P [adc counts]

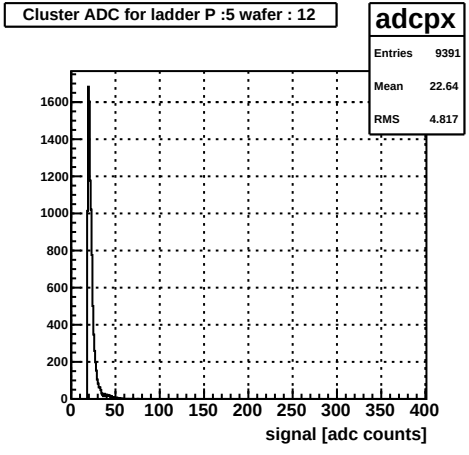

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 10361
Mean 25.29
RMS 6.289
signal [adc counts]

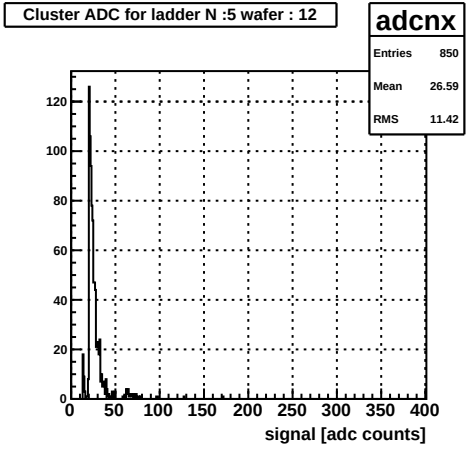

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1890
Mean 26.19
RMS 9.063
signal [adc counts]

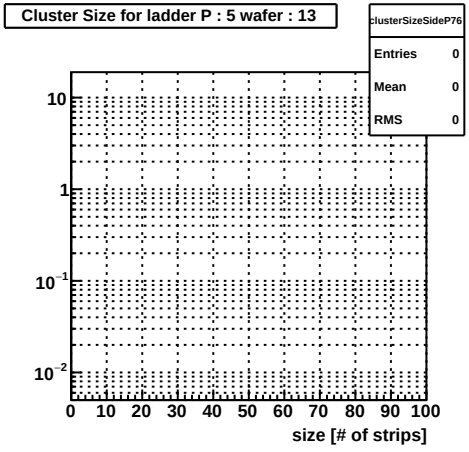

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9391
Mean 1.009
RMS 0.09906
size [# of strips]

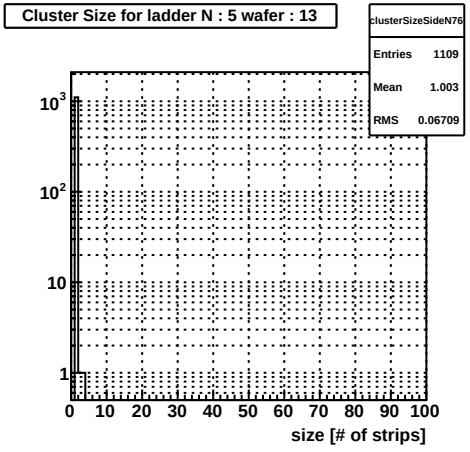

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 850
Mean 1.106
RMS 0.4734
size [# of strips]

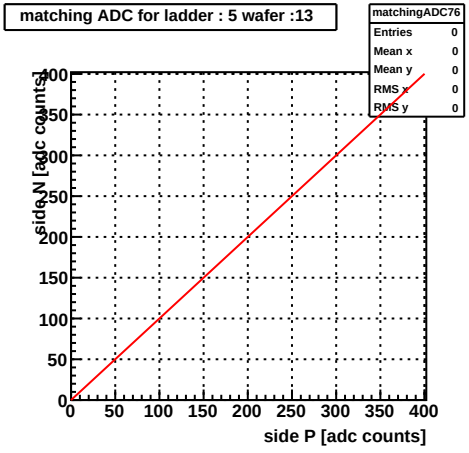

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 20
Mean x 20.5
Mean y 24.4
RMS x 1.533
RMS y 3.639
side N [adc counts]
side P [adc counts]

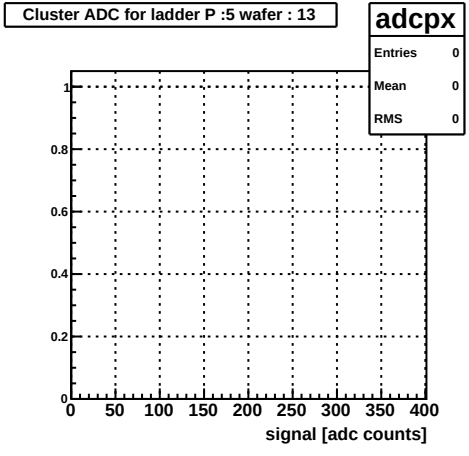

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9391
Mean 22.64
RMS 4.817
signal [adc counts]

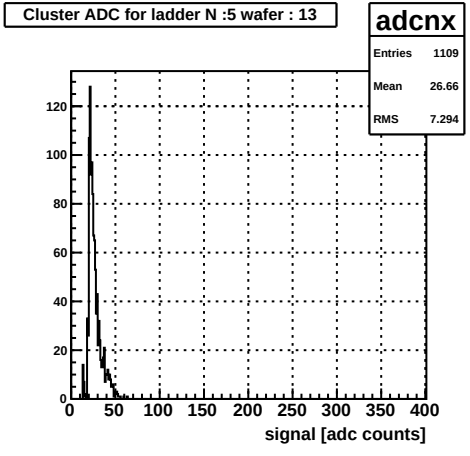

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 850
Mean 26.59
RMS 11.42
signal [adc counts]

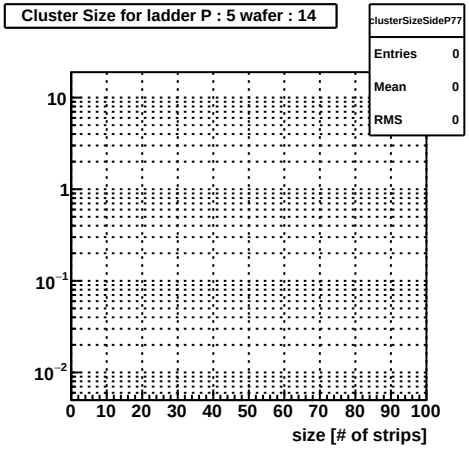

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

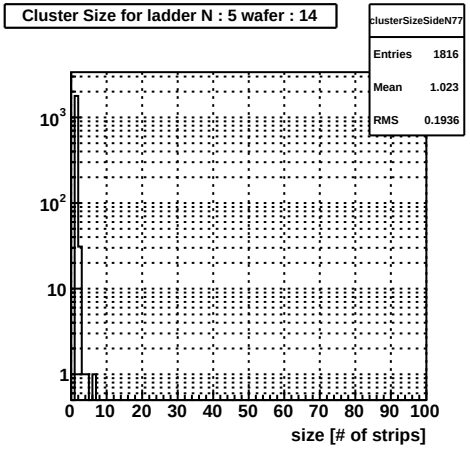

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1109
Mean 1.003
RMS 0.06709
size [# of strips]

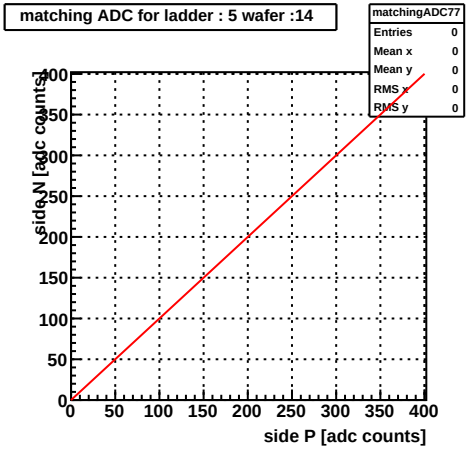

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

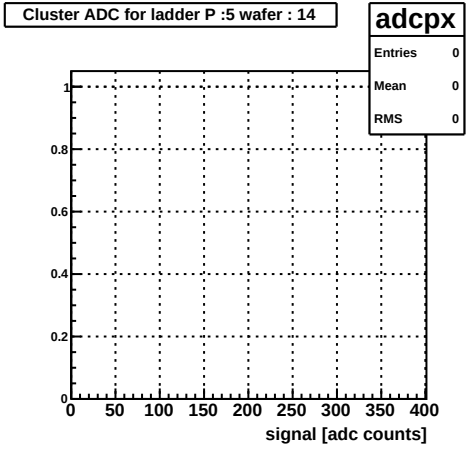

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

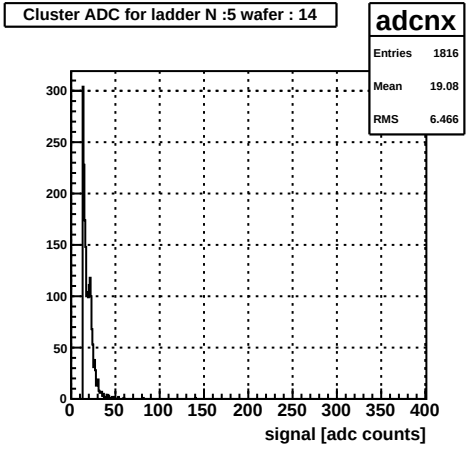

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1109
Mean 26.66
RMS 7.294
signal [adc counts]

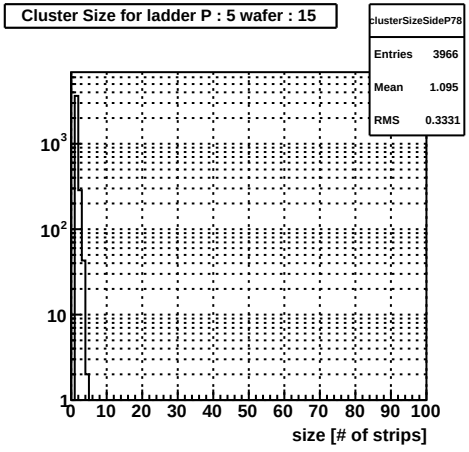

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

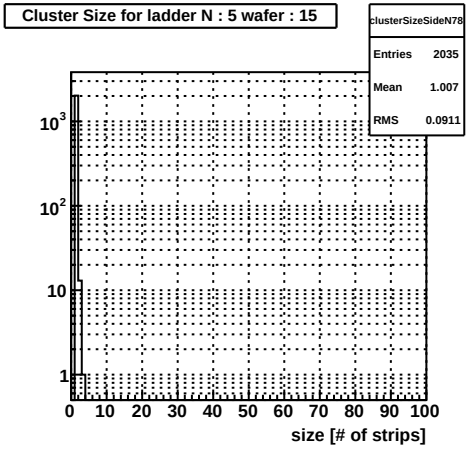

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1816
Mean 1.023
RMS 0.1936
size [# of strips]

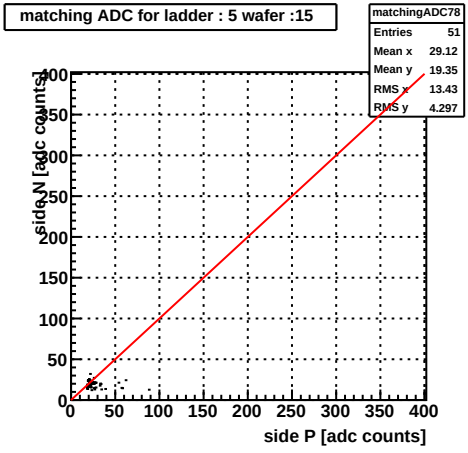

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

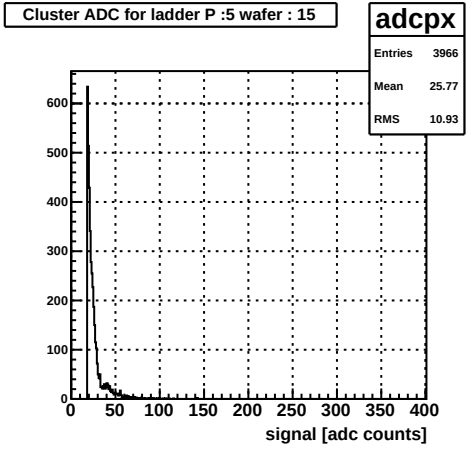

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

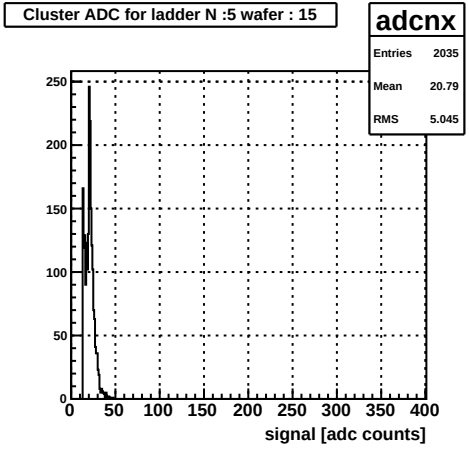

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1816
Mean 19.08
RMS 6.466
signal [adc counts]

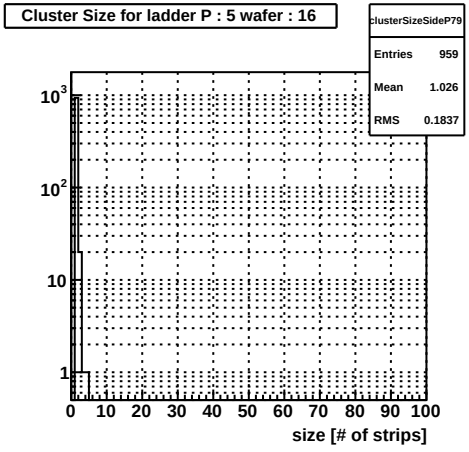

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3966
Mean 1.095
RMS 0.3331
size [# of strips]

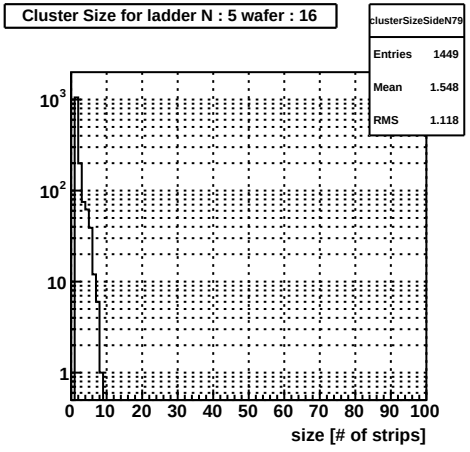

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2035
Mean 1.007
RMS 0.0911
size [# of strips]

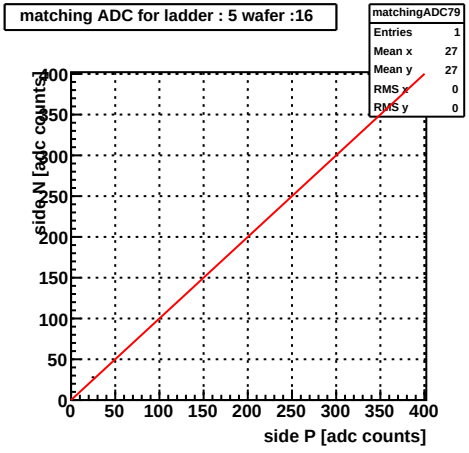

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 51
Mean x 29.12
Mean y 19.35
RMS x 13.43
RMS y 4.297
side N [adc counts]
side P [adc counts]

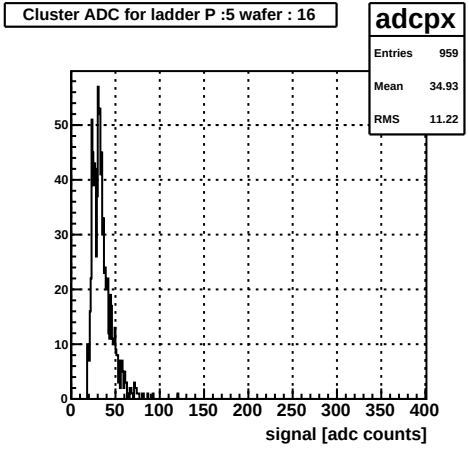

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3966
Mean 25.77
RMS 10.93
signal [adc counts]

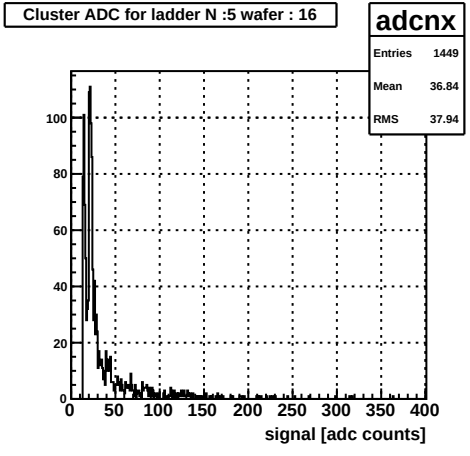

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2035
Mean 20.79
RMS 5.045
signal [adc counts]

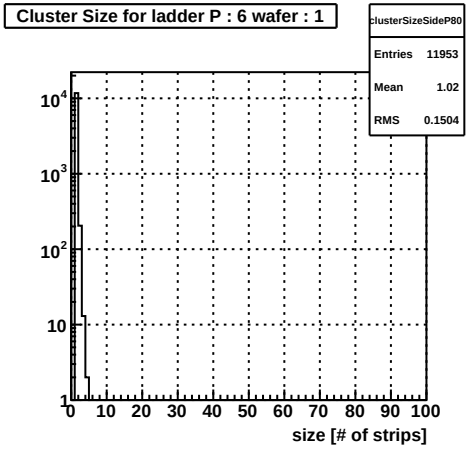

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 959
Mean 1.026
RMS 0.1837
size [# of strips]

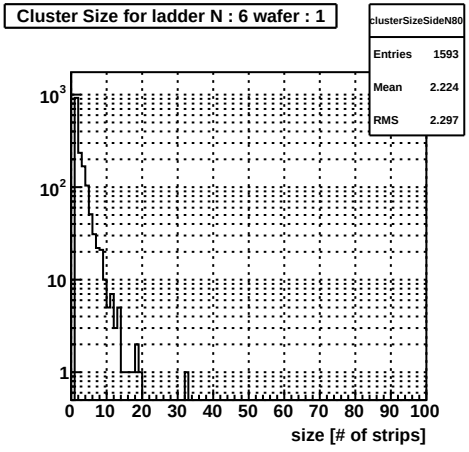

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1449
Mean 1.548
RMS 1.118
size [# of strips]

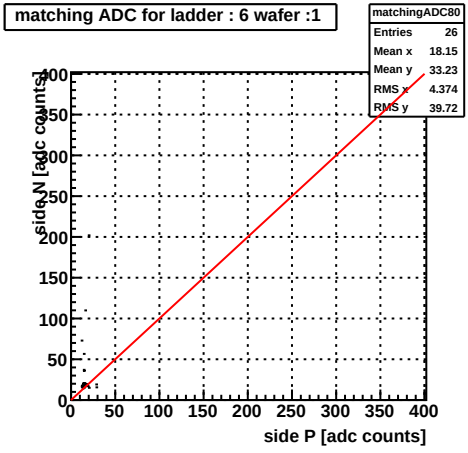

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1
Mean x 27
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

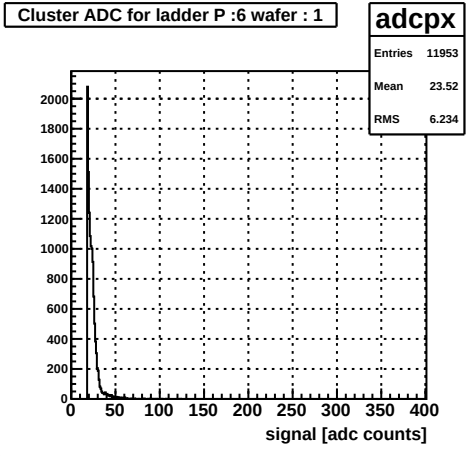

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 959
Mean 34.93
RMS 11.22
signal [adc counts]

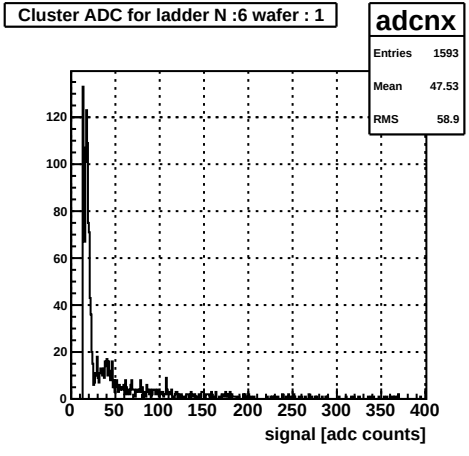

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1449
Mean 36.84
RMS 37.94
signal [adc counts]

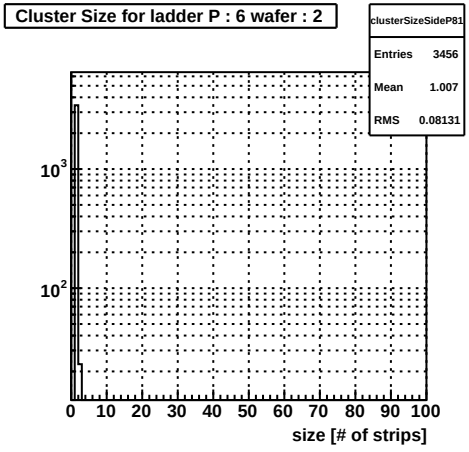

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11953
Mean 1.02
RMS 0.1504
size [# of strips]

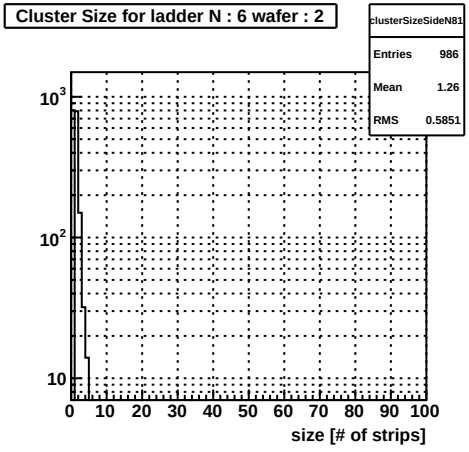

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1593
Mean 2.224
RMS 2.297
size [# of strips]

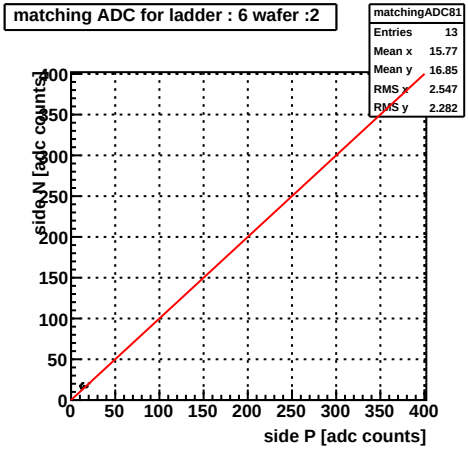

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 26
Mean x 18.15
Mean y 33.23
RMS x 4.374
RMS y 39.72
side N [adc counts]
side P [adc counts]

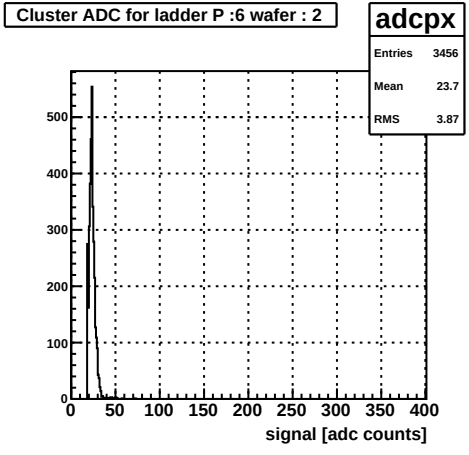

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11953
Mean 23.52
RMS 6.234
signal [adc counts]

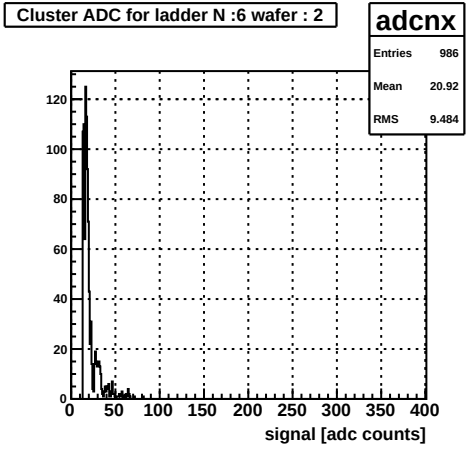

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1593
Mean 47.53
RMS 58.9
signal [adc counts]

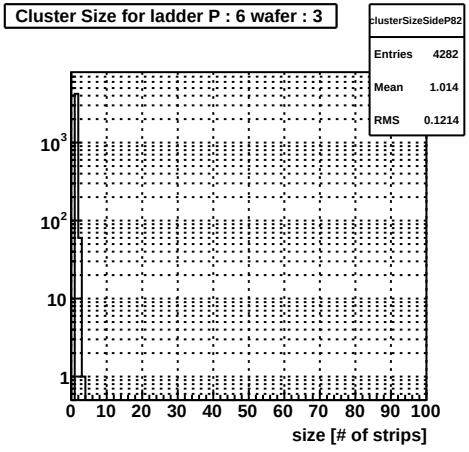

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3456
Mean 1.007
RMS 0.08131
size [# of strips]

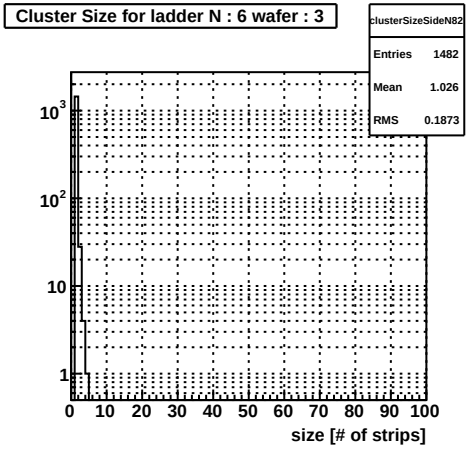

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 986
Mean 1.26
RMS 0.5851
size [# of strips]

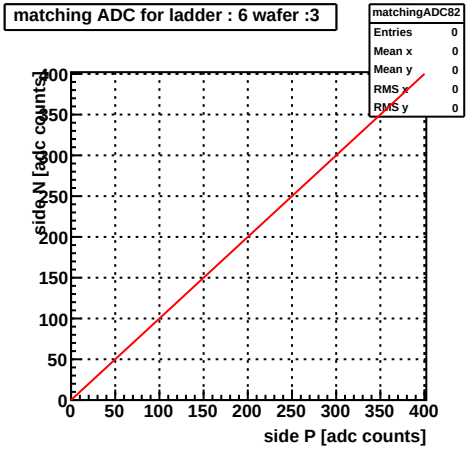

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 13
Mean x 15.77
Mean y 16.85
RMS x 2.547
RMS y 2.282
side N [adc counts]
side P [adc counts]

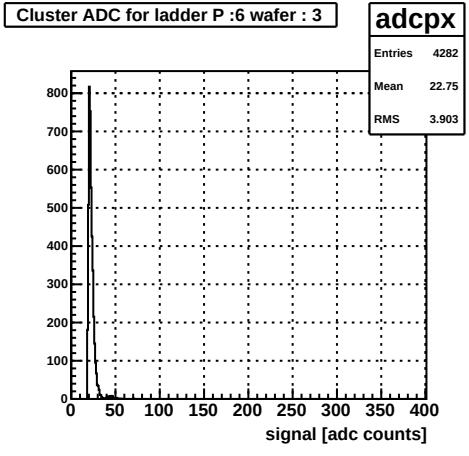

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3456
Mean 23.7
RMS 3.87
signal [adc counts]

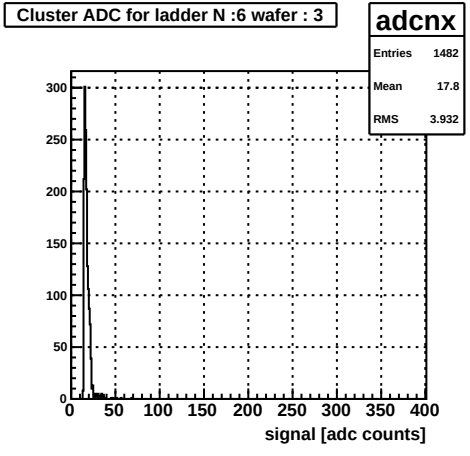

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 986
Mean 20.92
RMS 9.484
signal [adc counts]

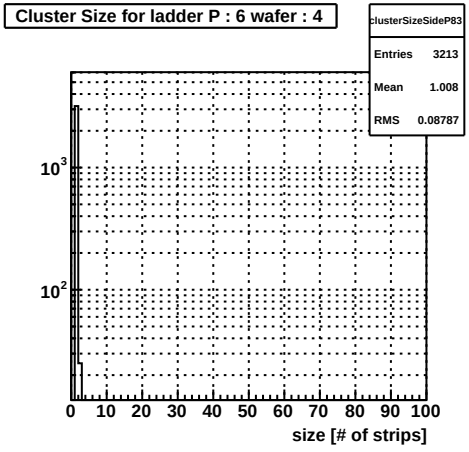

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 4282
Mean 1.014
RMS 0.1214
size [# of strips]

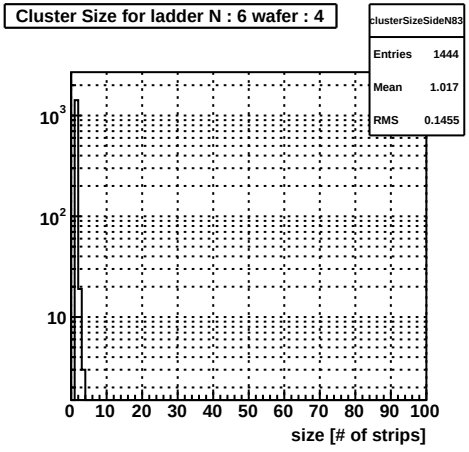

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1482
Mean 1.026
RMS 0.1873
size [# of strips]

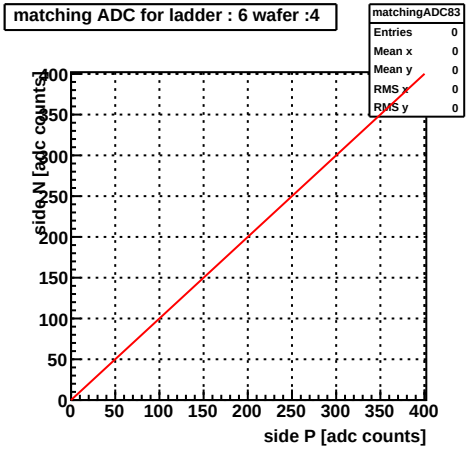

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

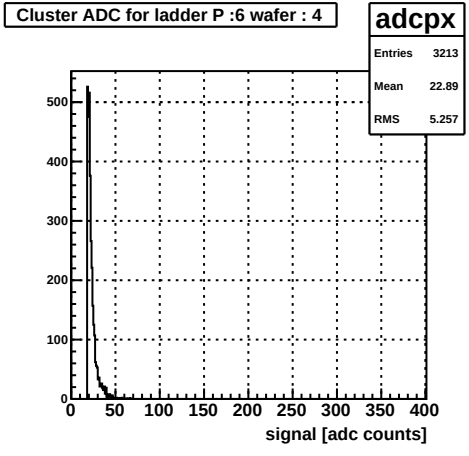

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 4282
Mean 22.75
RMS 3.903
signal [adc counts]

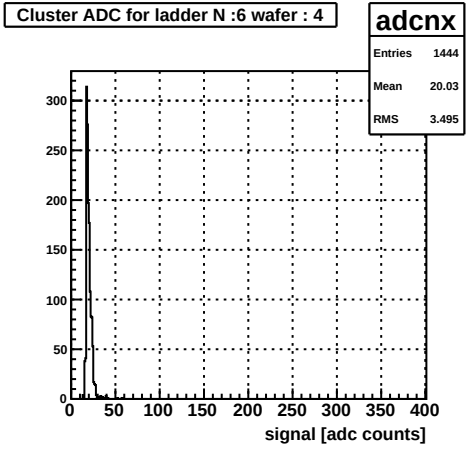

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1482
Mean 17.8
RMS 3.932
signal [adc counts]

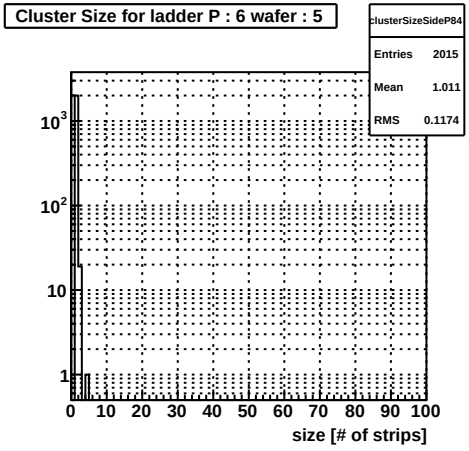

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3213
Mean 1.008
RMS 0.08787
size [# of strips]

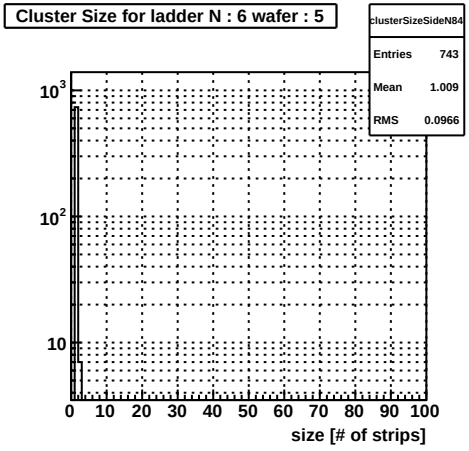

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1444
Mean 1.017
RMS 0.1455
size [# of strips]

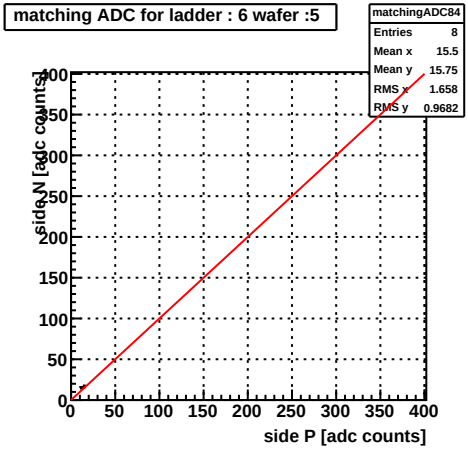

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

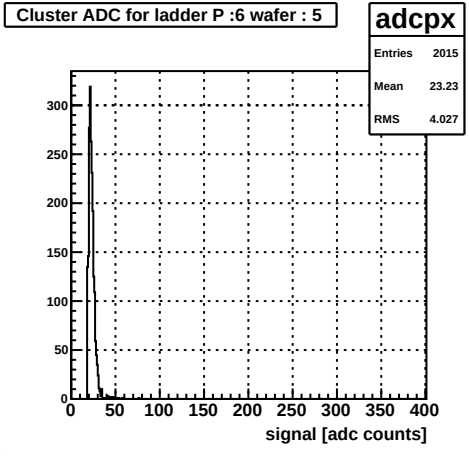

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3213
Mean 22.89
RMS 5.257
signal [adc counts]

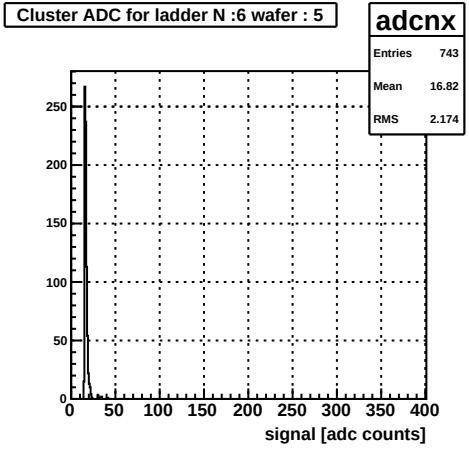

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1444
Mean 20.03
RMS 3.495
signal [adc counts]

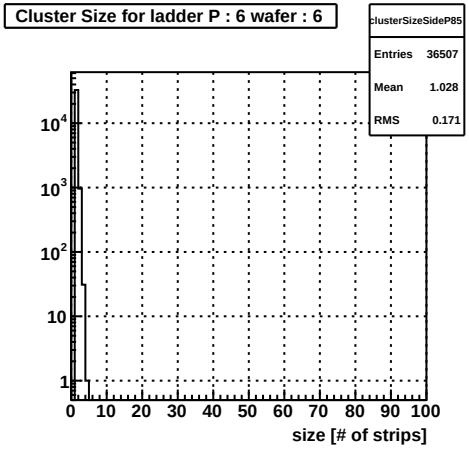

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2015
Mean 1.011
RMS 0.1174
size [# of strips]

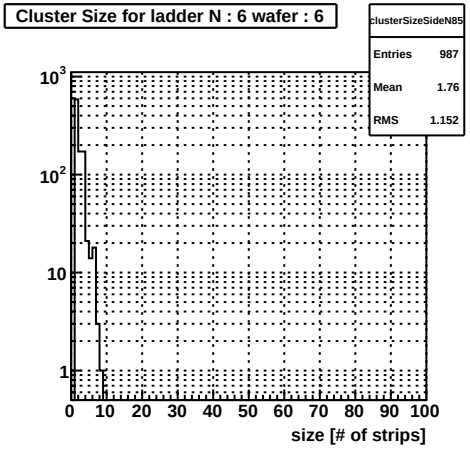

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 743
Mean 1.009
RMS 0.0966
size [# of strips]

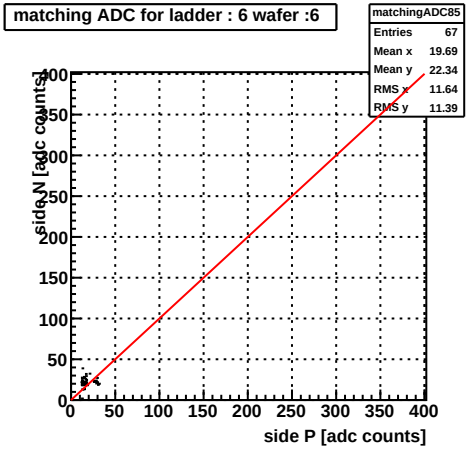

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 8
Mean x 15.5
Mean y 15.75
RMS x 1.658
RMS y 0.9682
side N [adc counts]
side P [adc counts]

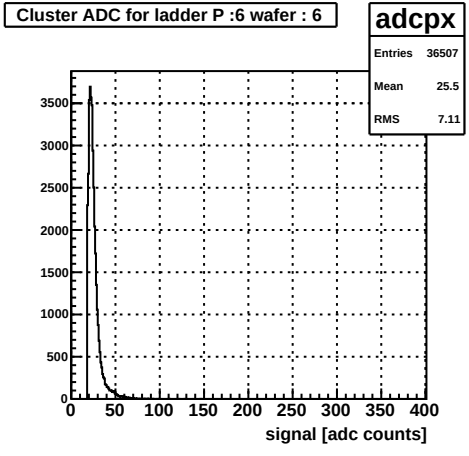

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2015
Mean 23.23
RMS 4.027
signal [adc counts]

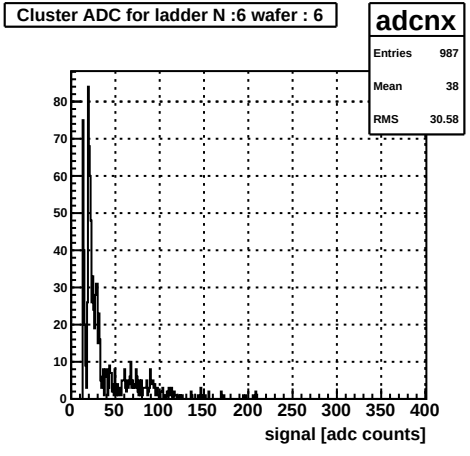

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 743
Mean 16.82
RMS 2.174
signal [adc counts]

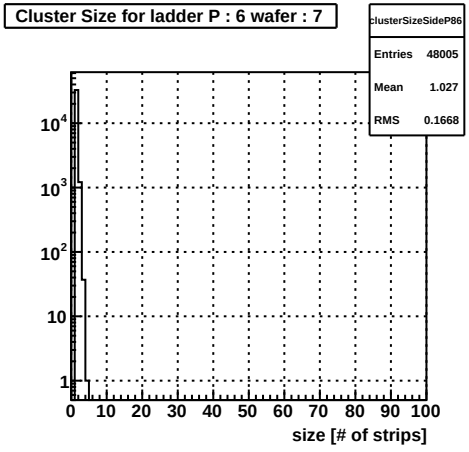

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 36507
Mean 1.028
RMS 0.171
size [# of strips]

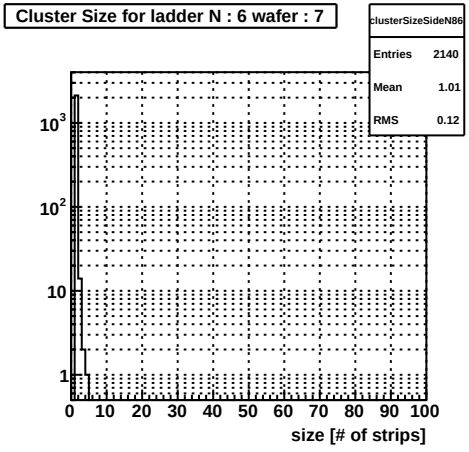

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 987
Mean 1.76
RMS 1.152
size [# of strips]

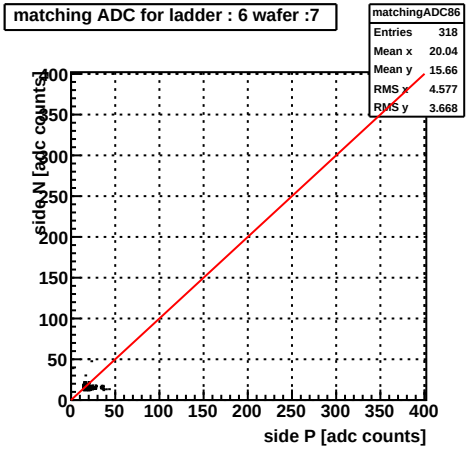

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 67
Mean x 19.69
Mean y 22.34
RMS x 11.64
RMS y 11.39
side N [adc counts]
side P [adc counts]

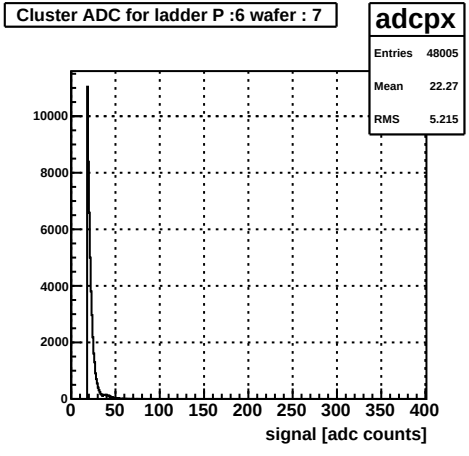

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 36507
Mean 25.5
RMS 7.11
signal [adc counts]

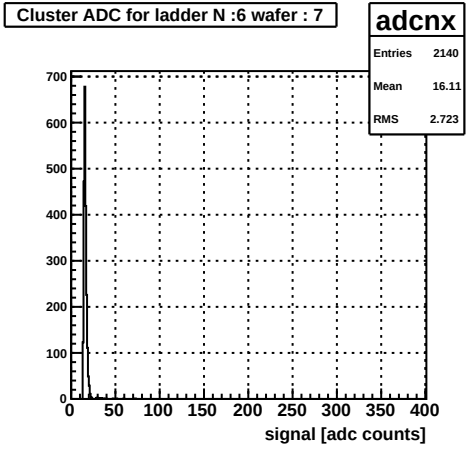

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 987
Mean 38
RMS 30.58
signal [adc counts]

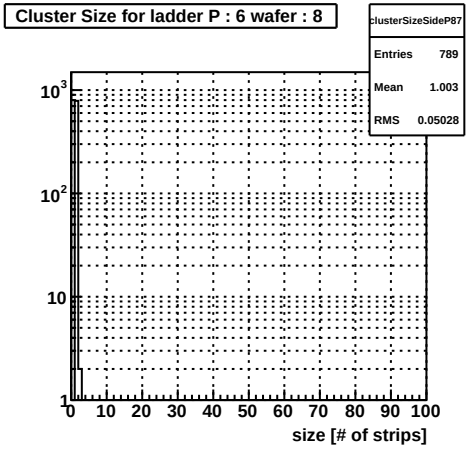

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 48005
Mean 1.027
RMS 0.1668
size [# of strips]

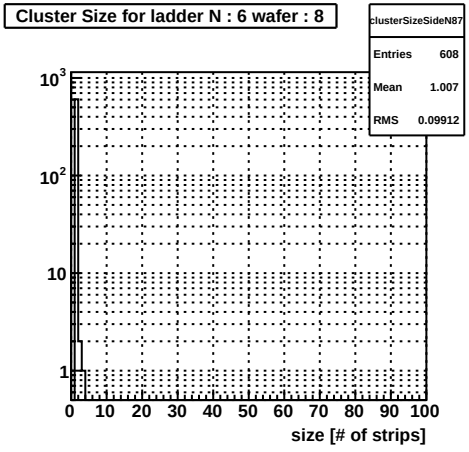

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2140
Mean 1.01
RMS 0.12
size [# of strips]

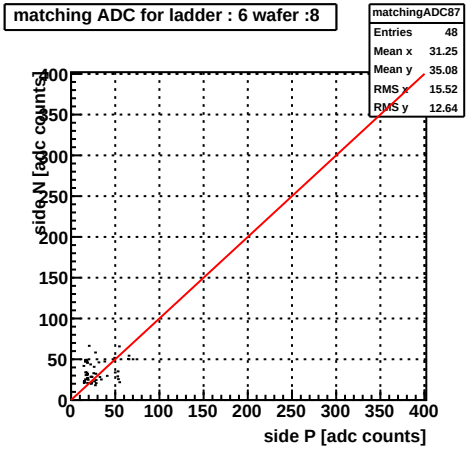

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 318
Mean x 20.04
Mean y 15.66
RMS x 4.577
RMS y 3.668
side N [adc counts]
side P [adc counts]

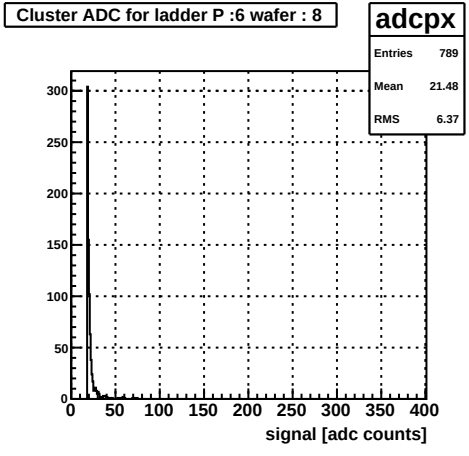

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 48005
Mean 22.27
RMS 5.215
signal [adc counts]

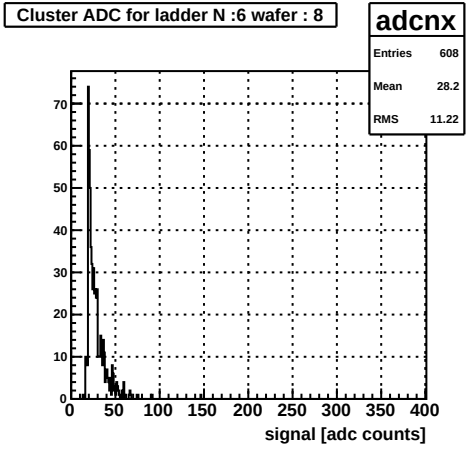

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2140
Mean 16.11
RMS 2.723
signal [adc counts]

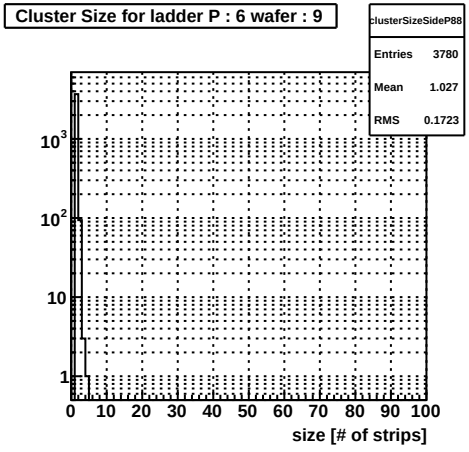

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 789
Mean 1.003
RMS 0.05028
size [# of strips]

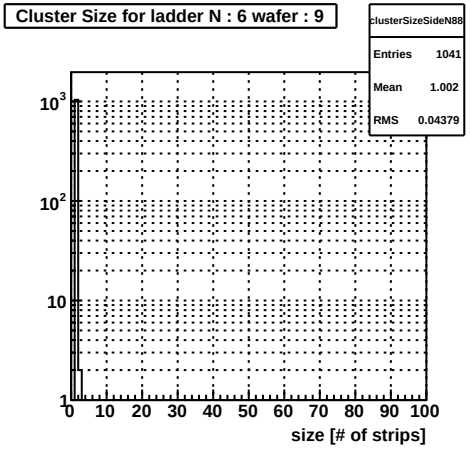

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 608
Mean 1.007
RMS 0.09912
size [# of strips]

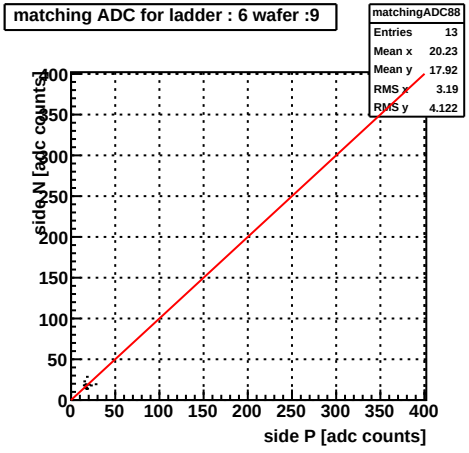

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 48
Mean x 31.25
Mean y 35.08
RMS x 15.52
RMS y 12.64
side N [adc counts]
side P [adc counts]

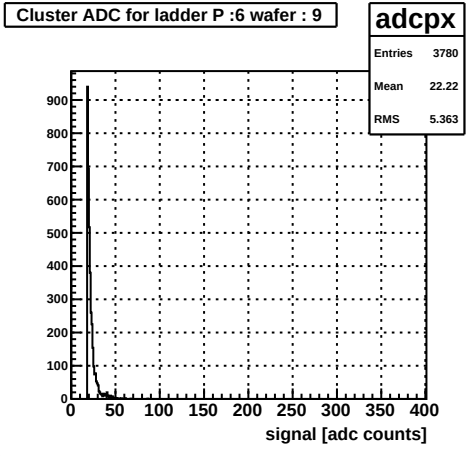

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 789
Mean 21.48
RMS 6.37
signal [adc counts]

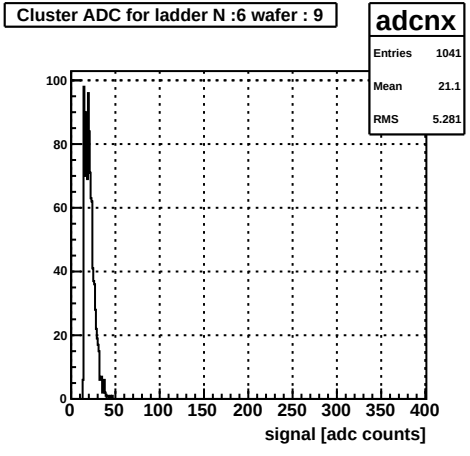

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 608
Mean 28.2
RMS 11.22
signal [adc counts]

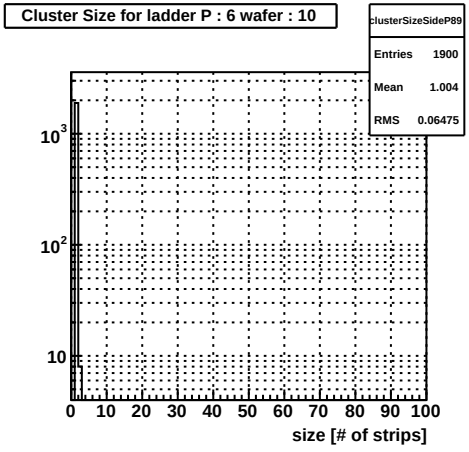

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3780
Mean 1.027
RMS 0.1723
size [# of strips]

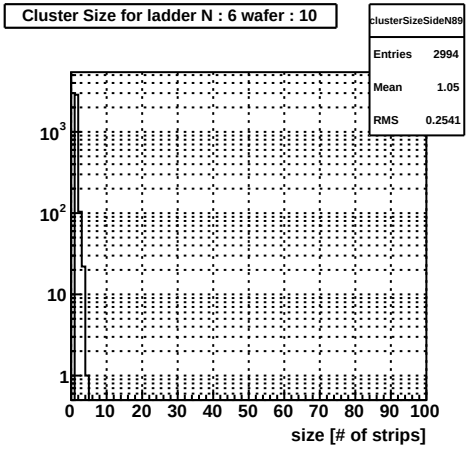

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1041
Mean 1.002
RMS 0.04379
size [# of strips]

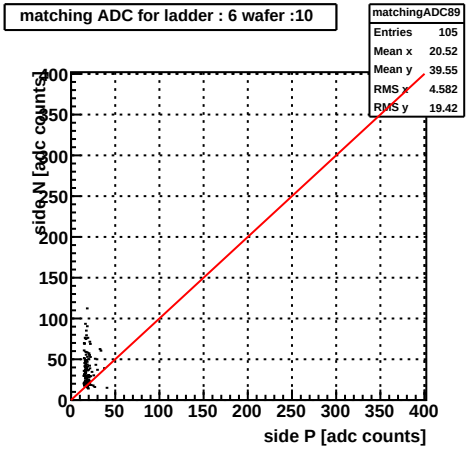

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 13
Mean x 20.23
Mean y 17.92
RMS x 3.19
RMS y 4.122
side N [adc counts]
side P [adc counts]

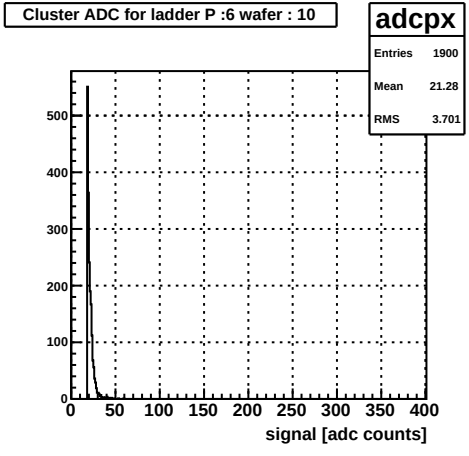

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3780
Mean 22.22
RMS 5.363
signal [adc counts]

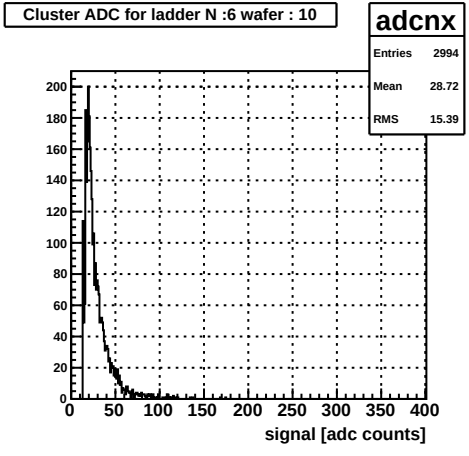

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1041
Mean 21.1
RMS 5.281
signal [adc counts]

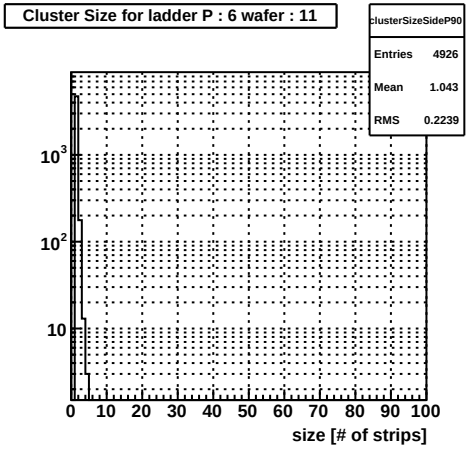

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1900
Mean 1.004
RMS 0.06475
size [# of strips]

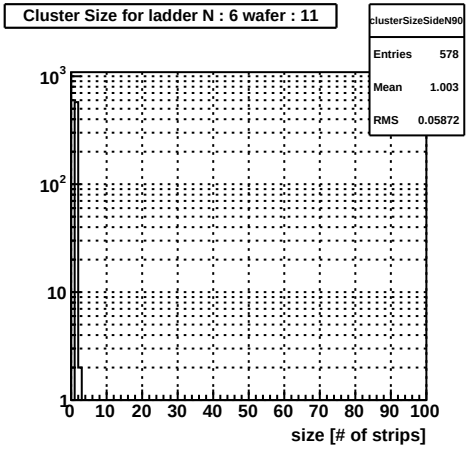

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2994
Mean 1.05
RMS 0.2541
size [# of strips]

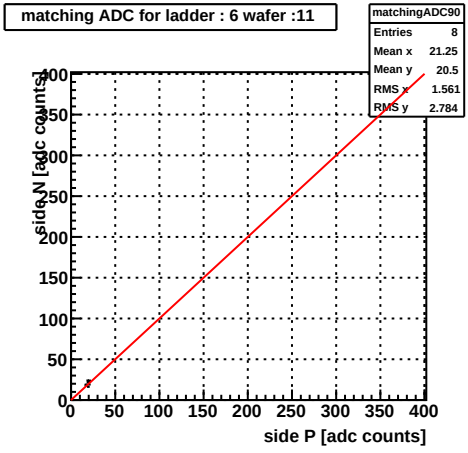

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 105
Mean x 20.52
Mean y 39.55
RMS x 4.582
RMS y 19.42
side N [adc counts]
side P [adc counts]

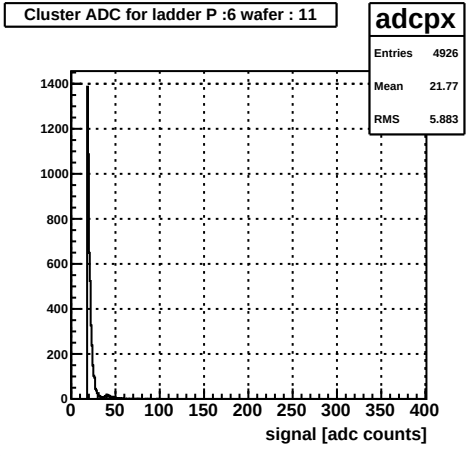

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1900
Mean 21.28
RMS 3.701
signal [adc counts]

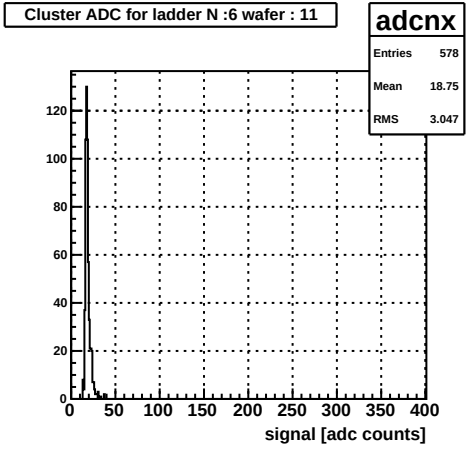

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2994
Mean 28.72
RMS 15.39
signal [adc counts]

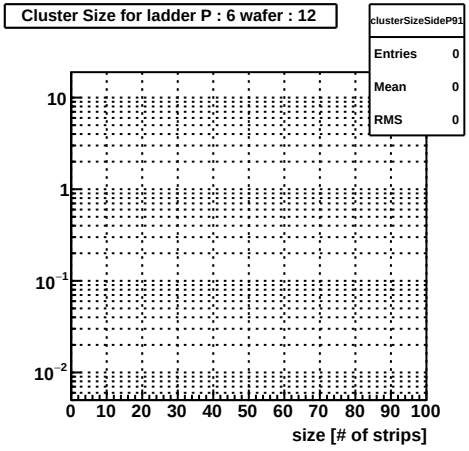

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4926
Mean 1.043
RMS 0.2239
size [# of strips]

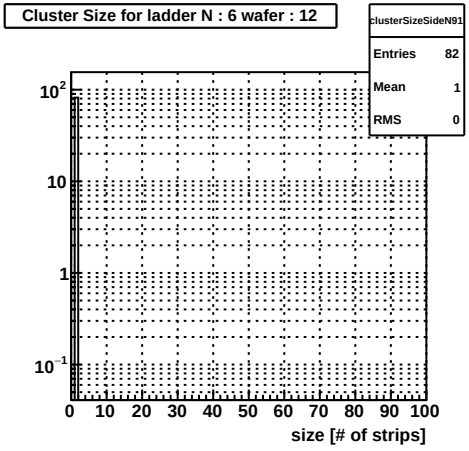

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 578
Mean 1.003
RMS 0.05872
size [# of strips]

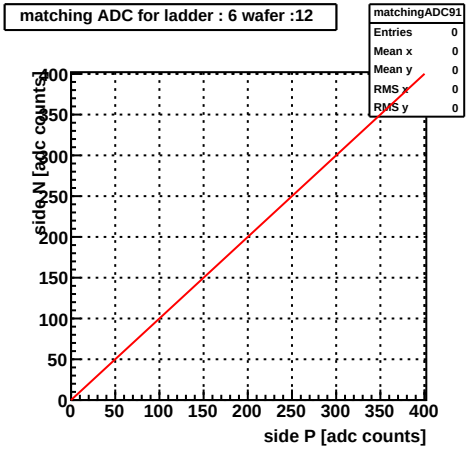

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 8
Mean x 21.25
Mean y 20.5
RMS x 1.561
RMS y 2.784
side N [adc counts]
side P [adc counts]

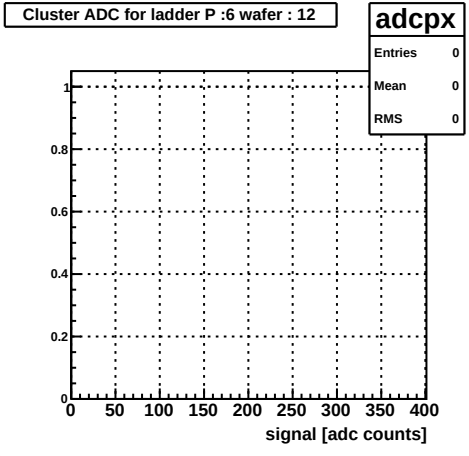

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4926
Mean 21.77
RMS 5.883
signal [adc counts]

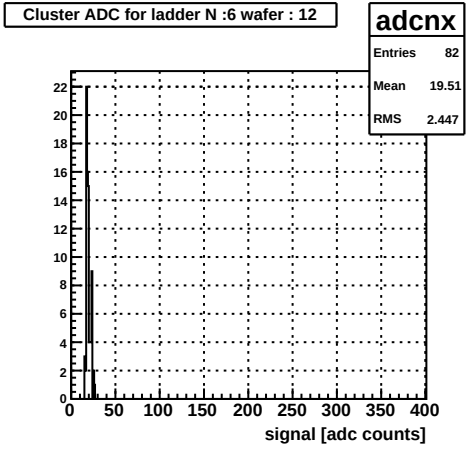

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 578
Mean 18.75
RMS 3.047
signal [adc counts]

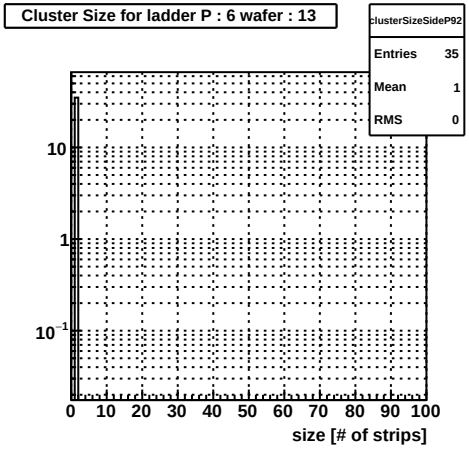

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

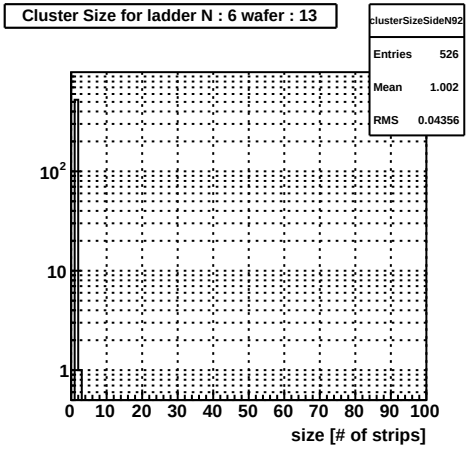

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 82
Mean 1
RMS 0
size [# of strips]

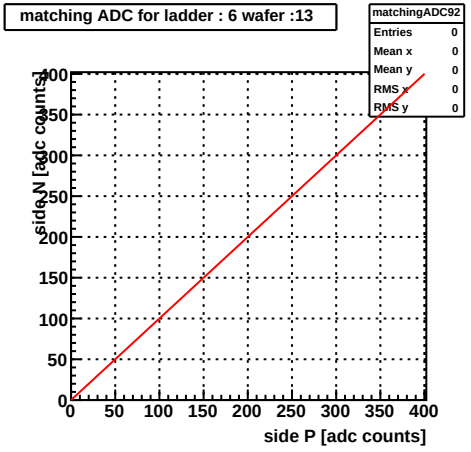

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

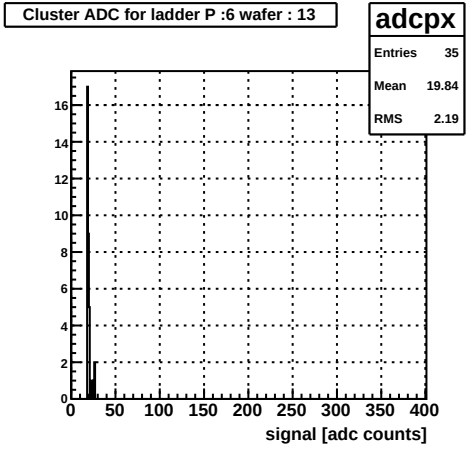

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

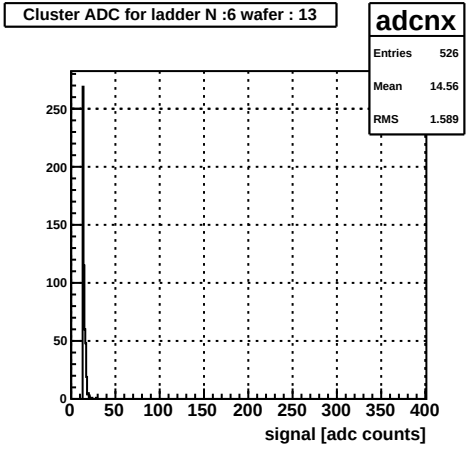

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 82
Mean 19.51
RMS 2.447
signal [adc counts]

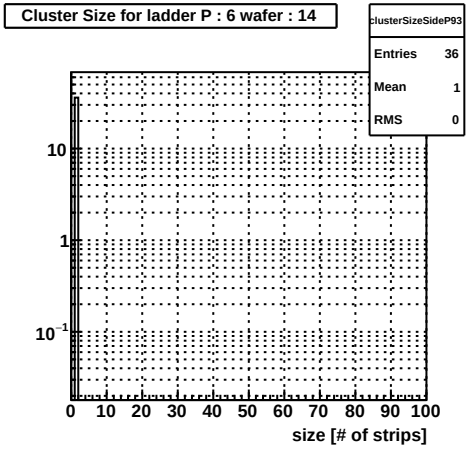

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 35
Mean 1
RMS 0
size [# of strips]

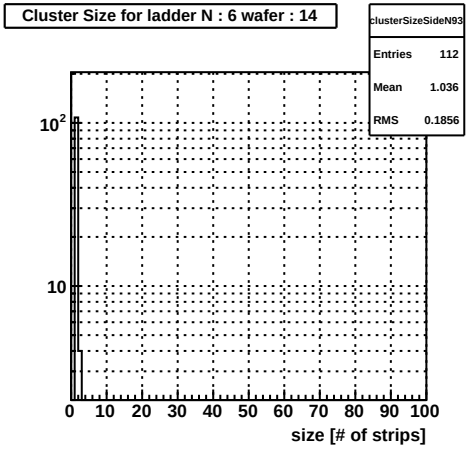

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 526
Mean 1.002
RMS 0.04356
size [# of strips]

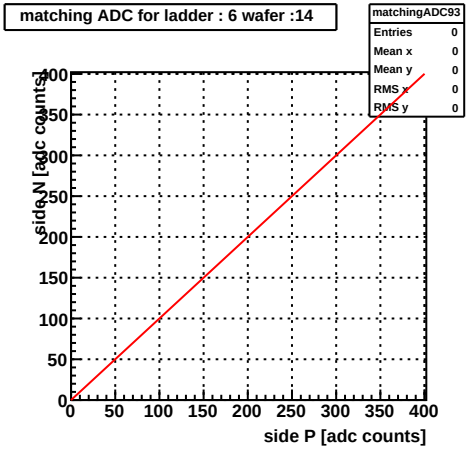

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

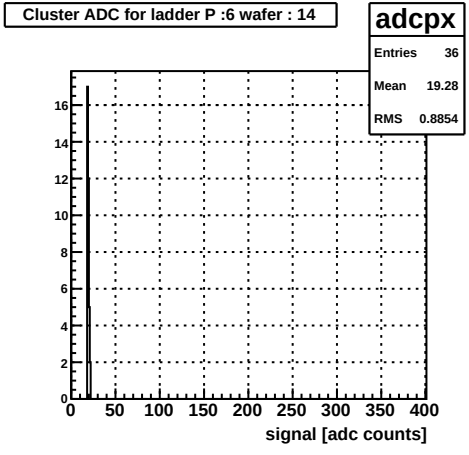

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 35
Mean 19.84
RMS 2.19
signal [adc counts]

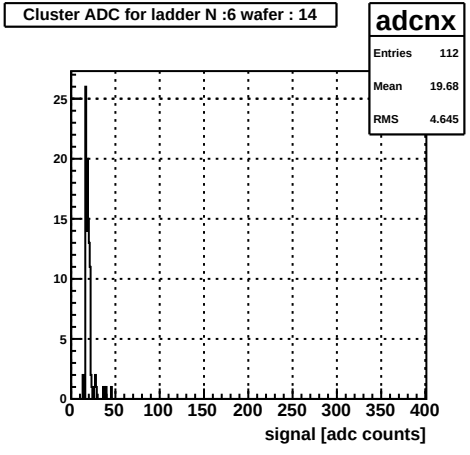

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 526
Mean 14.56
RMS 1.589
signal [adc counts]

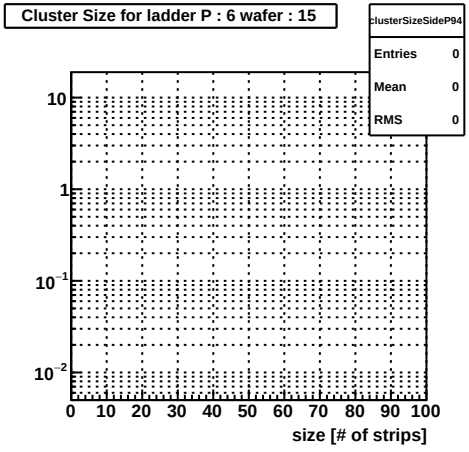

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 36
Mean 1
RMS 0
size [# of strips]

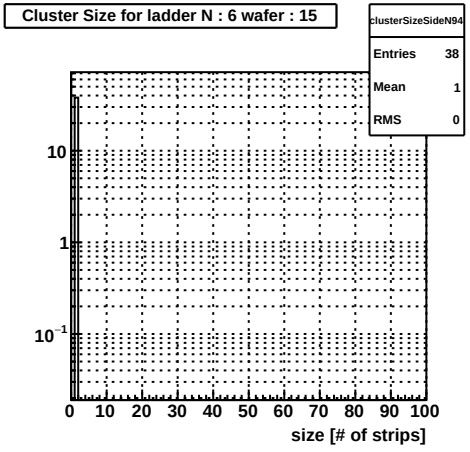

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 112
Mean 1.036
RMS 0.1856
size [# of strips]

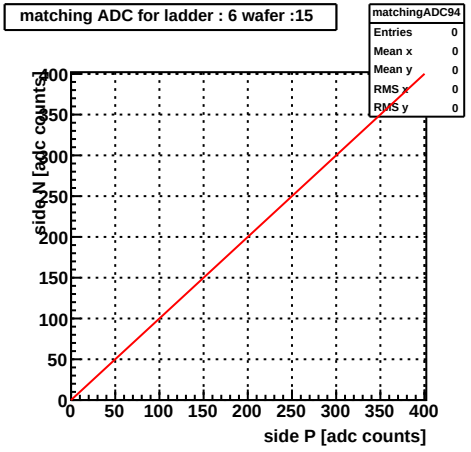

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

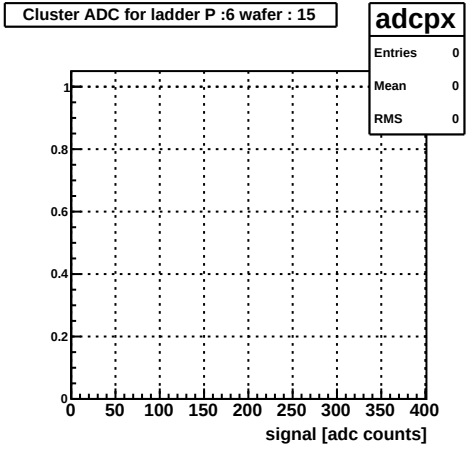

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 36
Mean 19.28
RMS 0.8854
signal [adc counts]

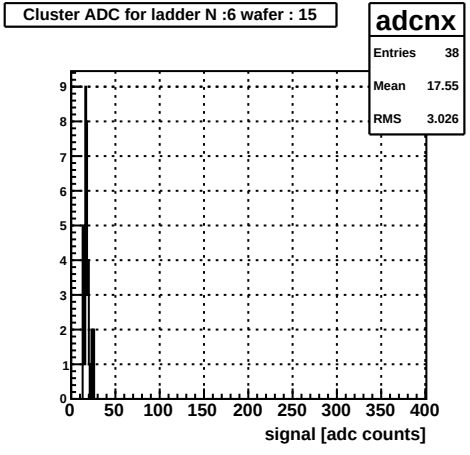

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 112
Mean 19.68
RMS 4.645
signal [adc counts]

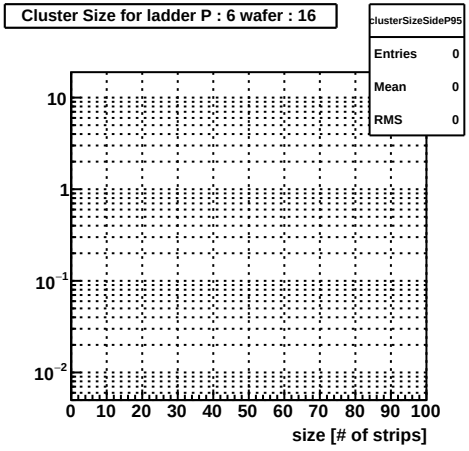

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

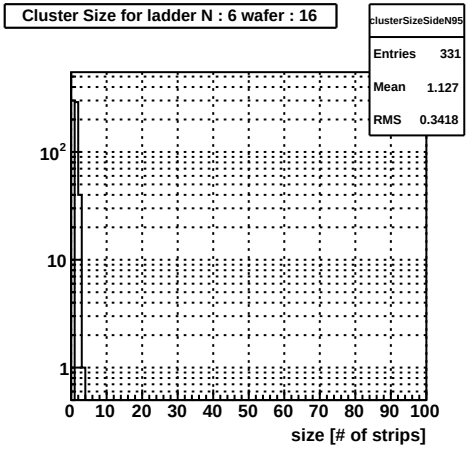

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 38
Mean 1
RMS 0
size [# of strips]

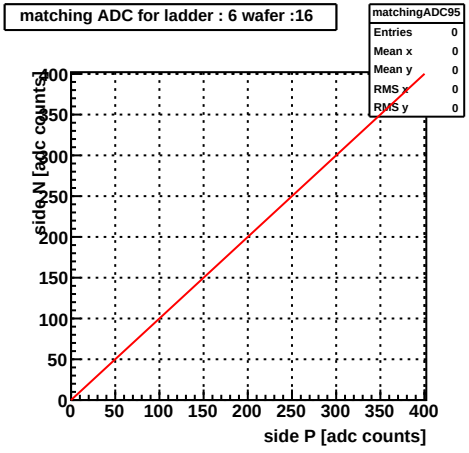

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

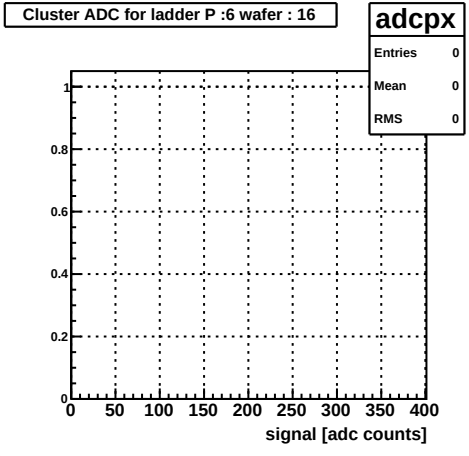

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

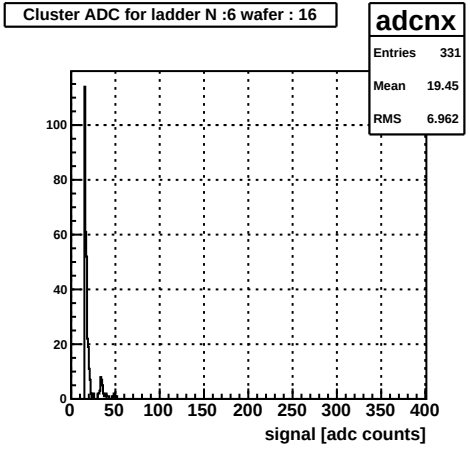

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 38
Mean 17.55
RMS 3.026
signal [adc counts]

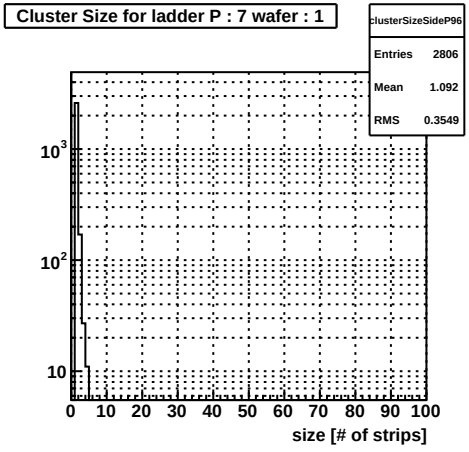

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

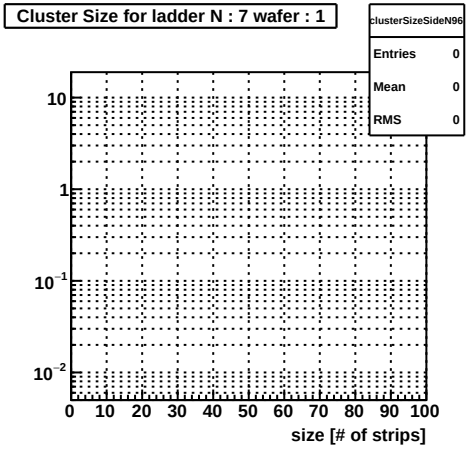

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 331
Mean 1.127
RMS 0.3418
size [# of strips]

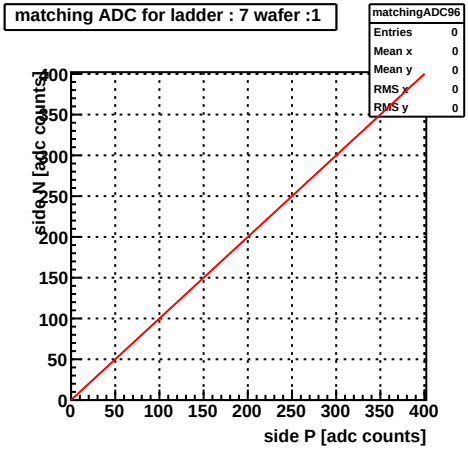

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

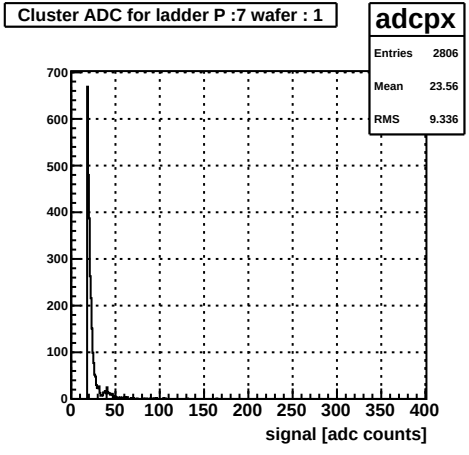

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

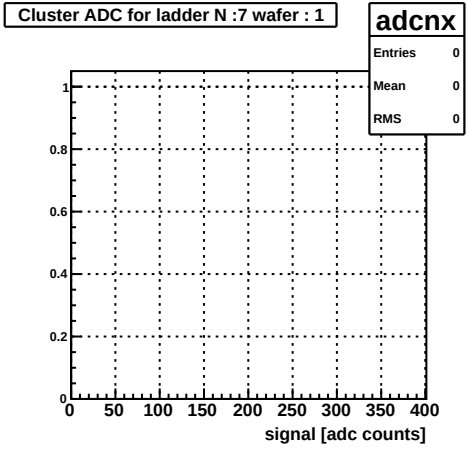

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 331
Mean 19.45
RMS 6.962
signal [adc counts]

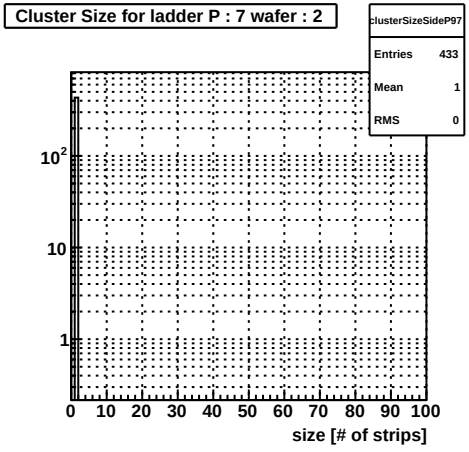

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2806
Mean 1.092
RMS 0.3549
size [# of strips]

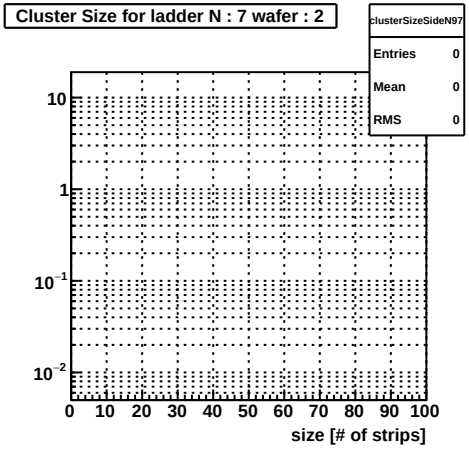

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

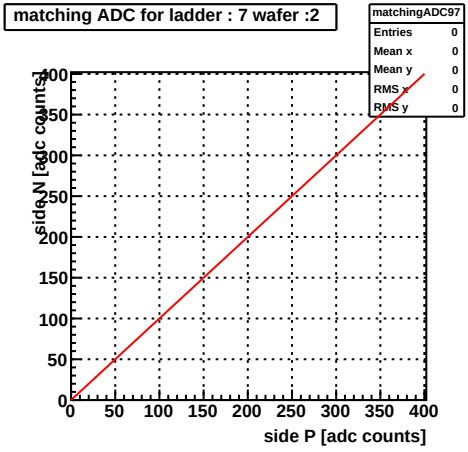

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

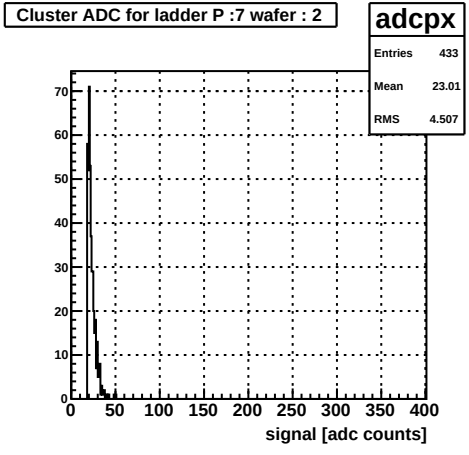

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2806
Mean 23.56
RMS 9.336
signal [adc counts]

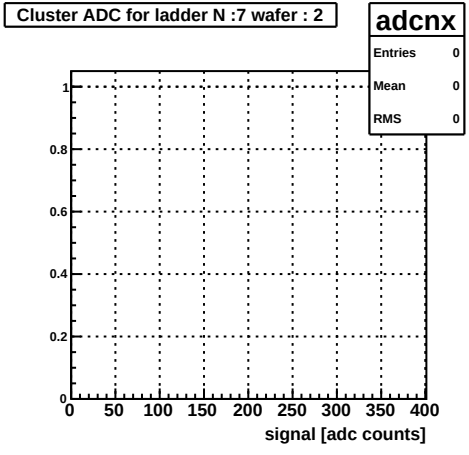

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

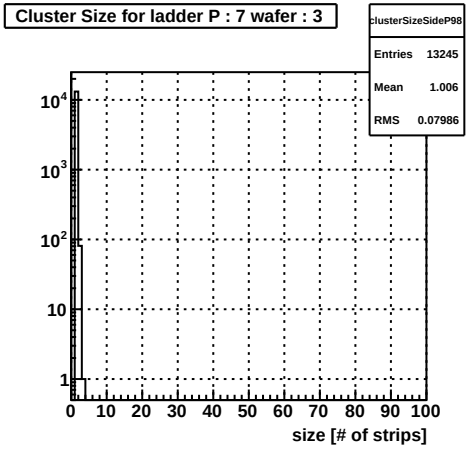

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 433
Mean 1
RMS 0
size [# of strips]

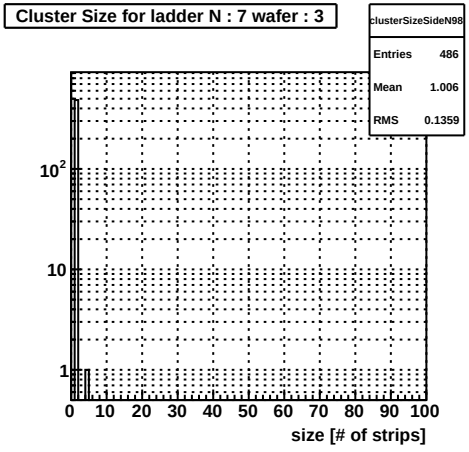

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

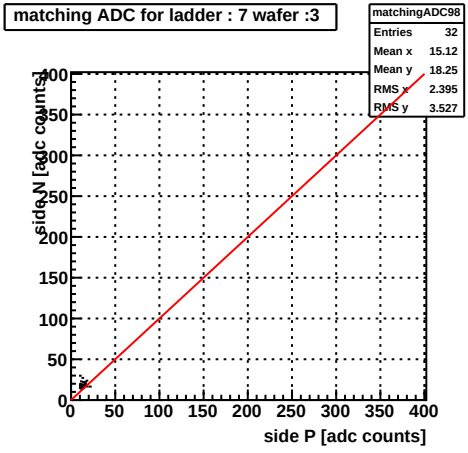

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

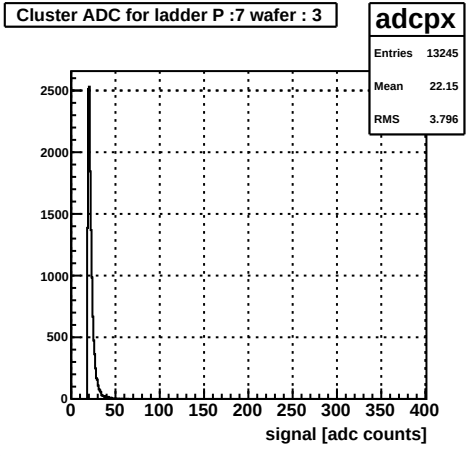

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 433
Mean 23.01
RMS 4.507
signal [adc counts]

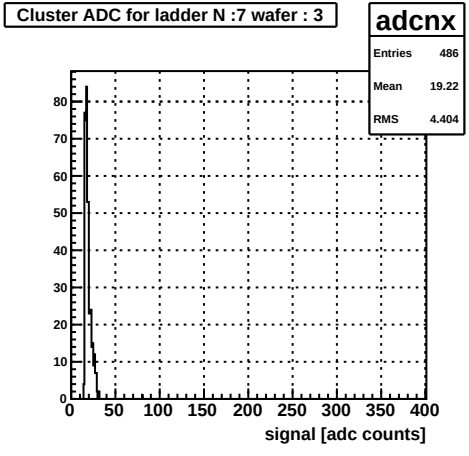

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

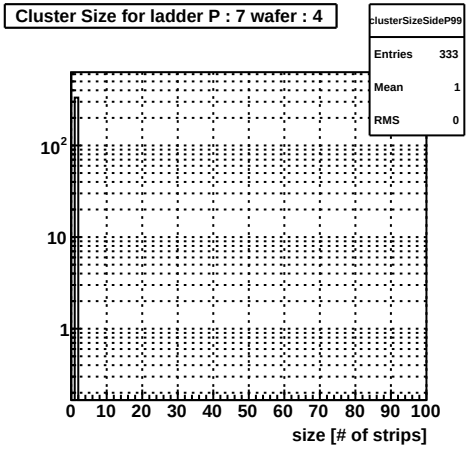

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13245
Mean 1.006
RMS 0.07986
size [# of strips]

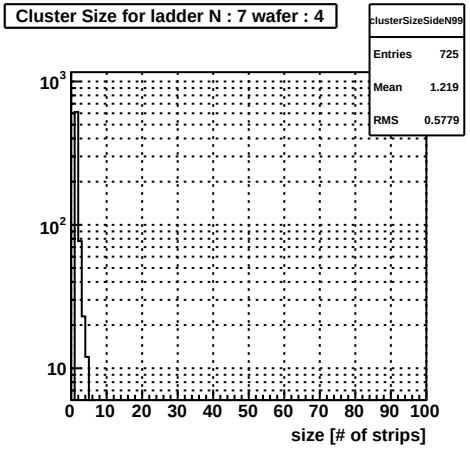

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 486
Mean 1.006
RMS 0.1359
size [# of strips]

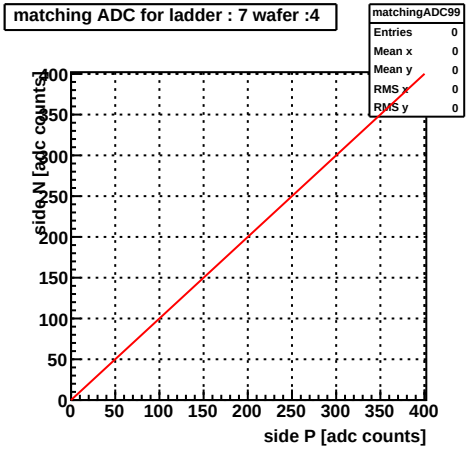

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 32
Mean x 15.12
Mean y 18.25
RMS x 2.395
RMS y 3.527
side N [adc counts]
side P [adc counts]

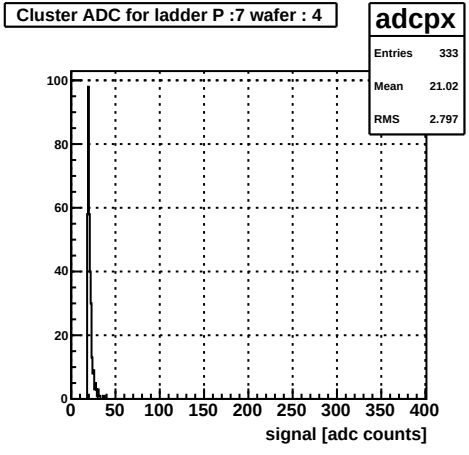

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13245
Mean 22.15
RMS 3.796
signal [adc counts]

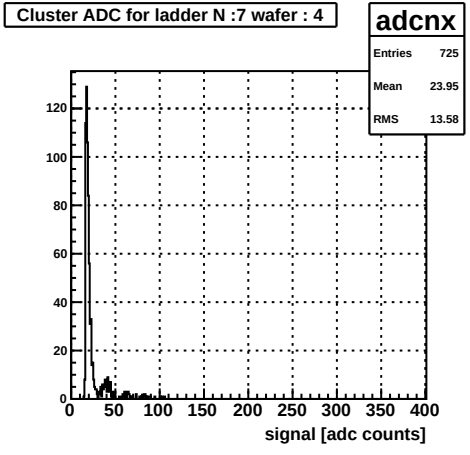

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 486
Mean 19.22
RMS 4.404
signal [adc counts]

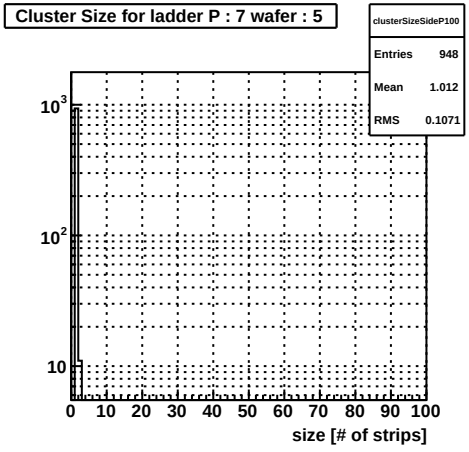

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 333
Mean 1
RMS 0
size [# of strips]

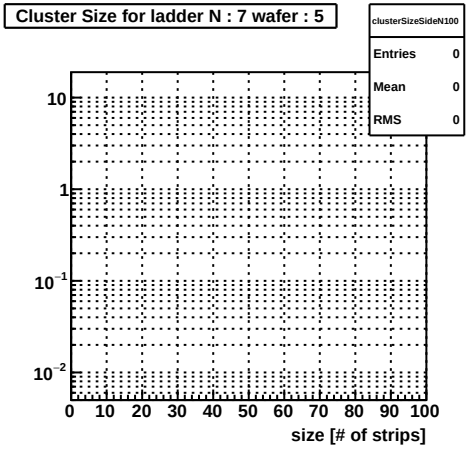

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 725
Mean 1.219
RMS 0.5779
size [# of strips]

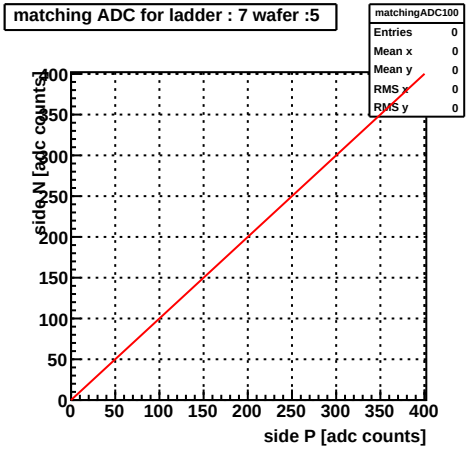

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

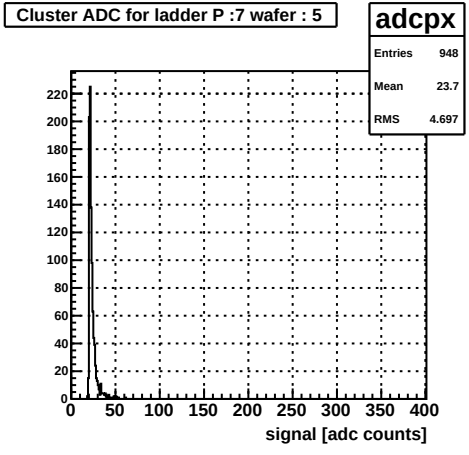

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 333
Mean 21.02
RMS 2.797
signal [adc counts]

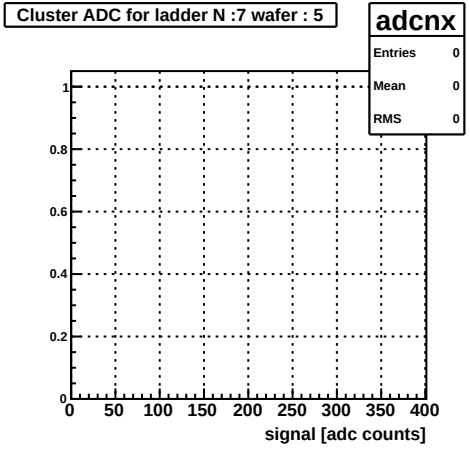

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 725
Mean 23.95
RMS 13.58
signal [adc counts]

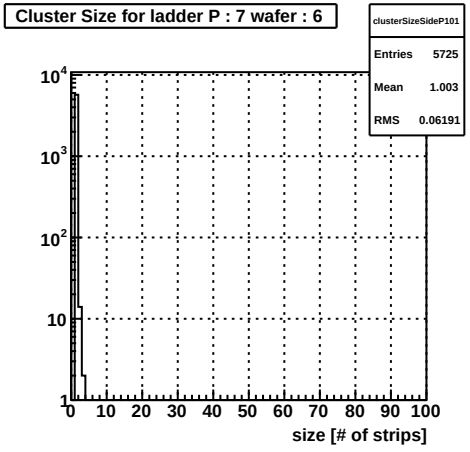

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 948
Mean 1.012
RMS 0.1071
size [# of strips]

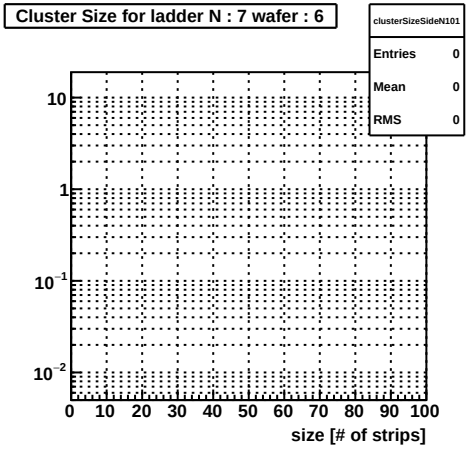

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

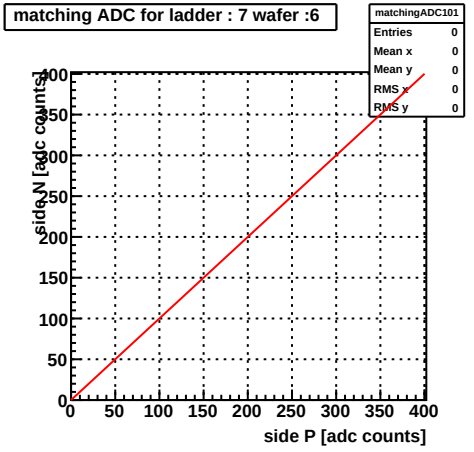

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

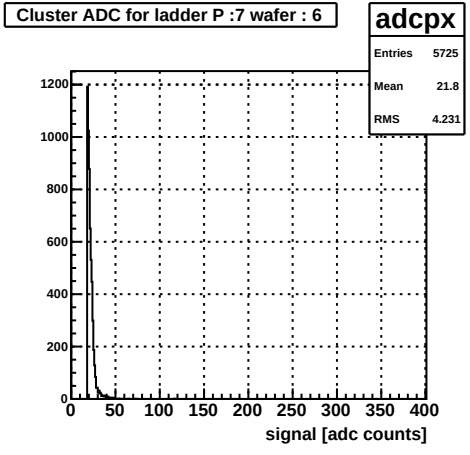

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 948
Mean 23.7
RMS 4.697
signal [adc counts]

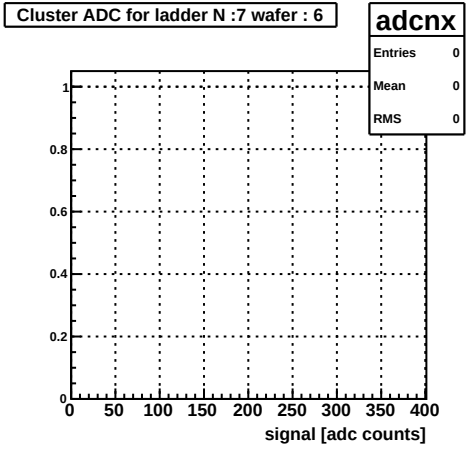

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

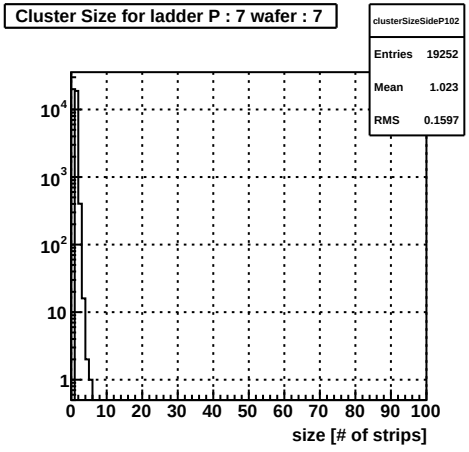

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5725
Mean 1.003
RMS 0.06191
size [# of strips]

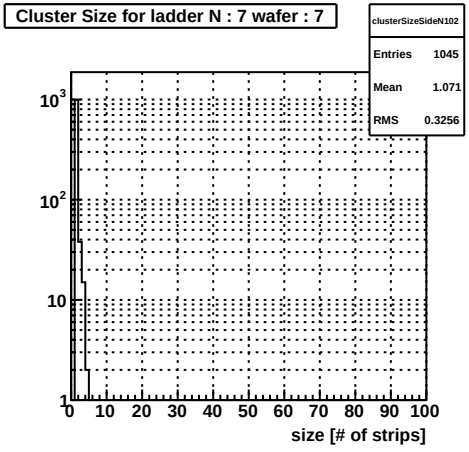

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

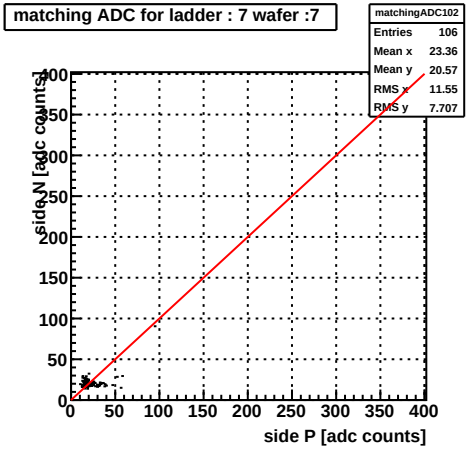

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

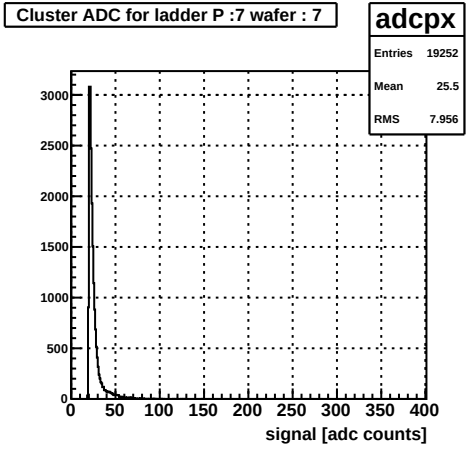

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5725
Mean 21.8
RMS 4.231
signal [adc counts]

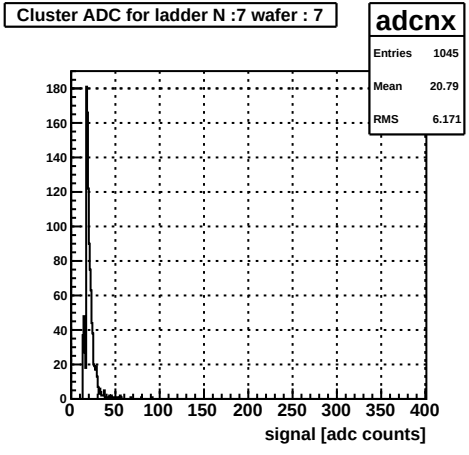

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

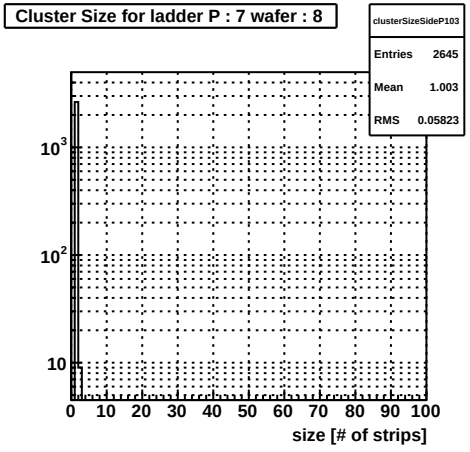

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 19252
Mean 1.023
RMS 0.1597
size [# of strips]

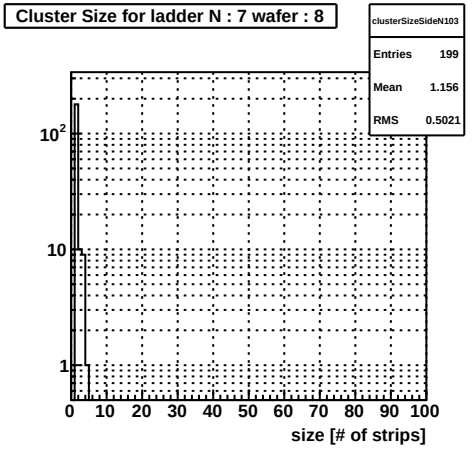

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1045
Mean 1.071
RMS 0.3256
size [# of strips]

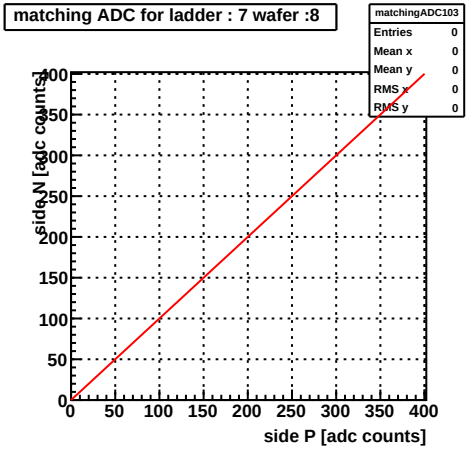

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 106
Mean x 23.36
Mean y 20.57
RMS x 11.55
RMS y 7.707
side N [adc counts]
side P [adc counts]

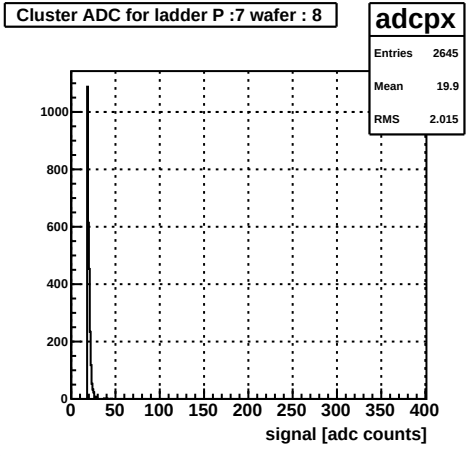

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 19252
Mean 25.5
RMS 7.956
signal [adc counts]

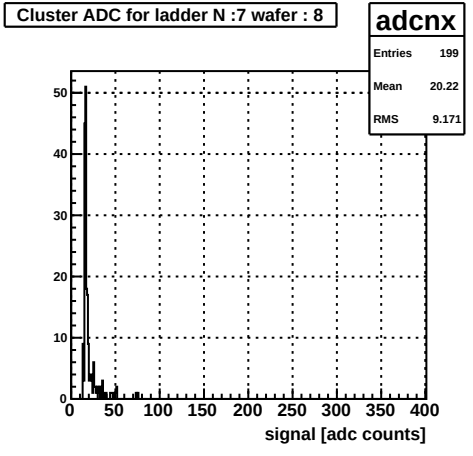

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1045
Mean 20.79
RMS 6.171
signal [adc counts]

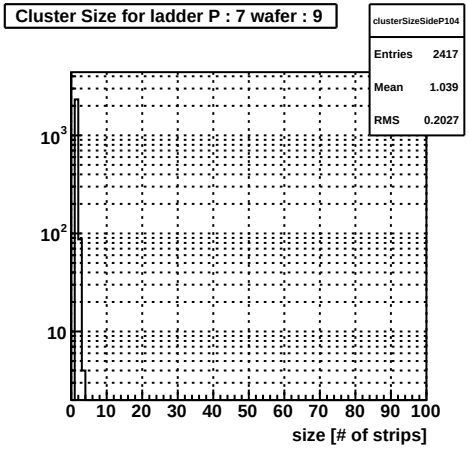

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2645
Mean 1.003
RMS 0.05823
size [# of strips]

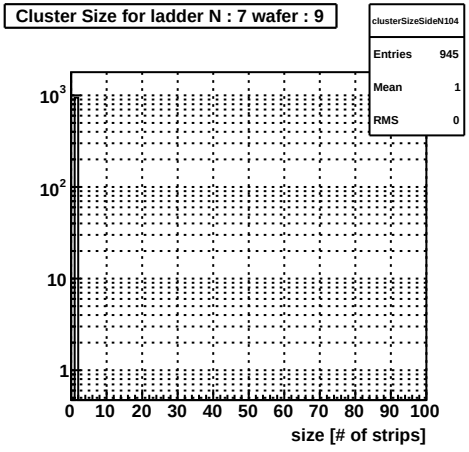

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 199
Mean 1.156
RMS 0.5021
size [# of strips]

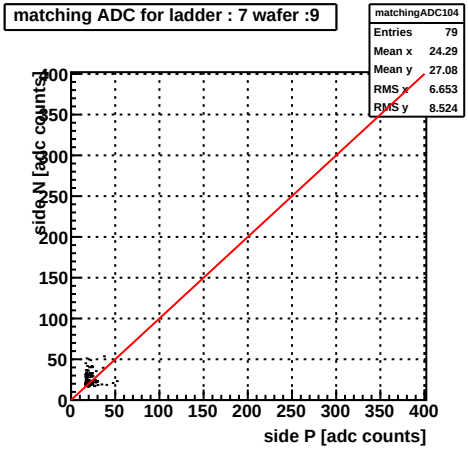

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

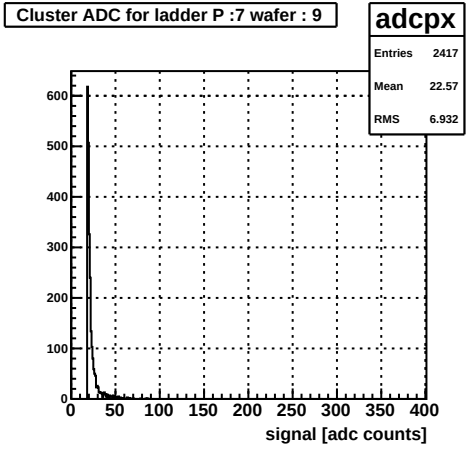

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2645
Mean 19.9
RMS 2.015
signal [adc counts]

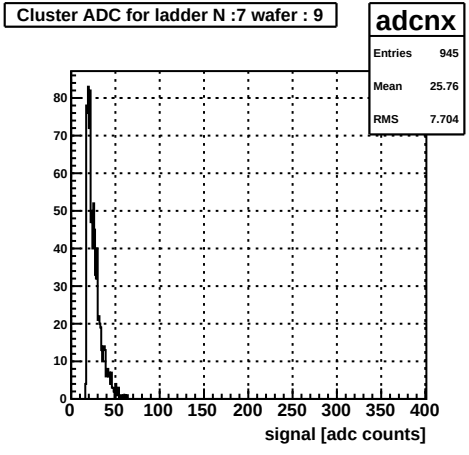

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 199
Mean 20.22
RMS 9.171
signal [adc counts]

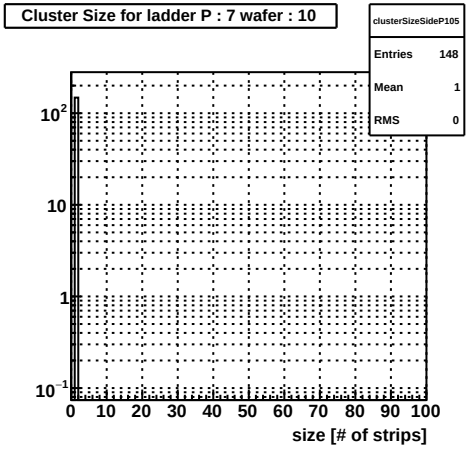

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2417
Mean 1.039
RMS 0.2027
size [# of strips]

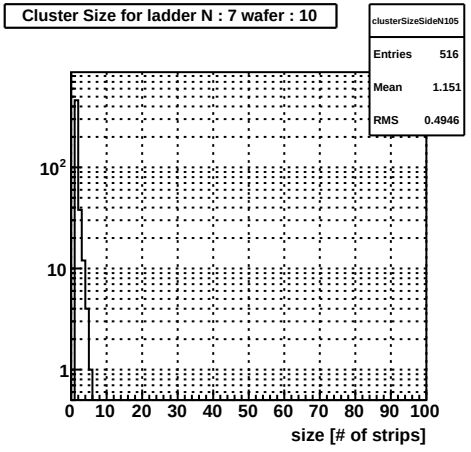

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 945
Mean 1
RMS 0
size [# of strips]

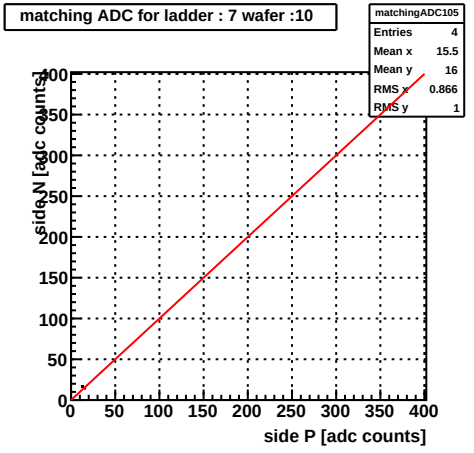

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 79
Mean x 24.29
Mean y 27.08
RMS x 6.653
RMS y 8.524
side N [adc counts]
side P [adc counts]

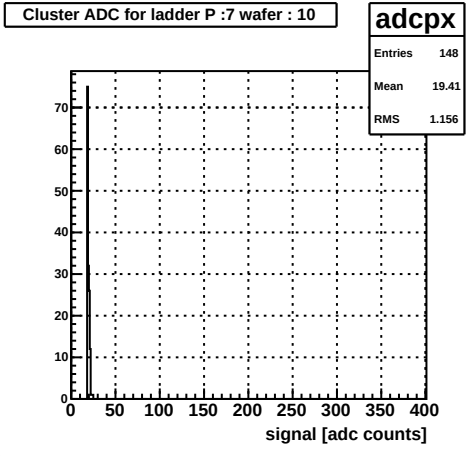

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2417
Mean 22.57
RMS 6.932
signal [adc counts]

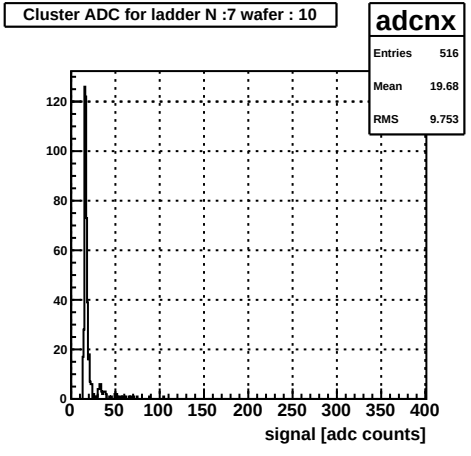

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 945
Mean 25.76
RMS 7.704
signal [adc counts]

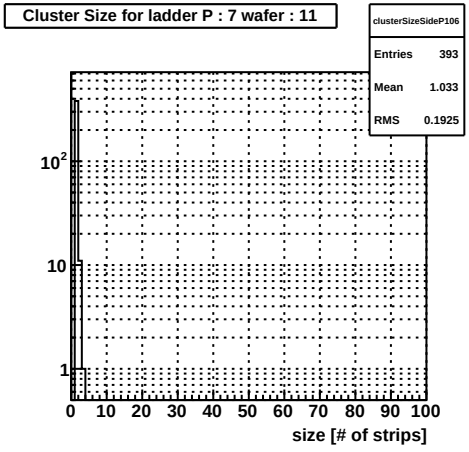

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 148
Mean 1
RMS 0
size [# of strips]

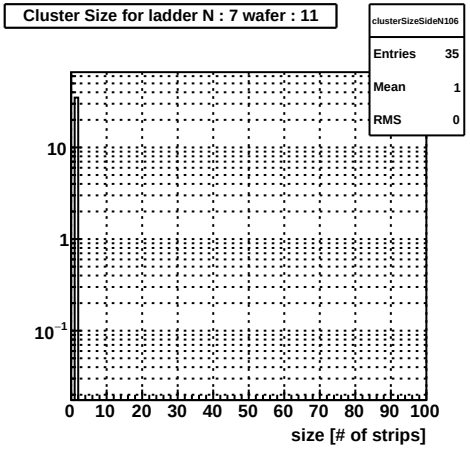

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 516
Mean 1.151
RMS 0.4946
size [# of strips]

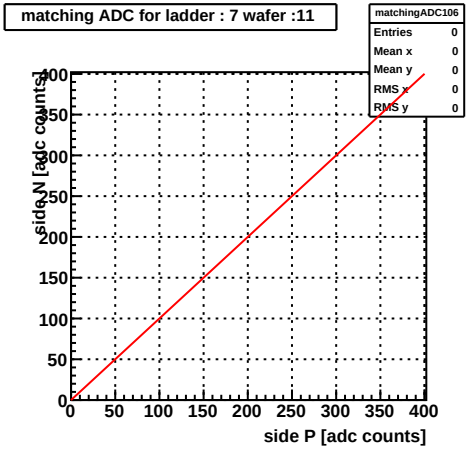

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 4
Mean x 15.5
Mean y 16
RMS x 0.866
RMS y 1
side N [adc counts]
side P [adc counts]

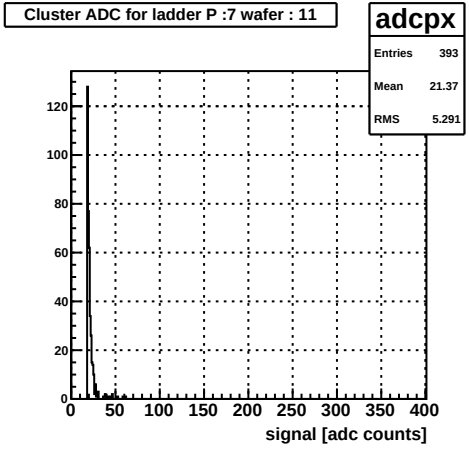

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 148
Mean 19.41
RMS 1.156
signal [adc counts]

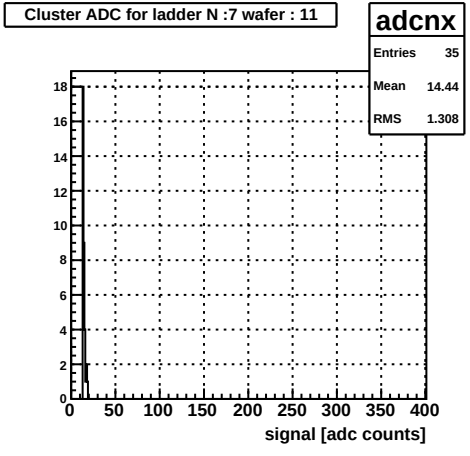

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 516
Mean 19.68
RMS 9.753
signal [adc counts]

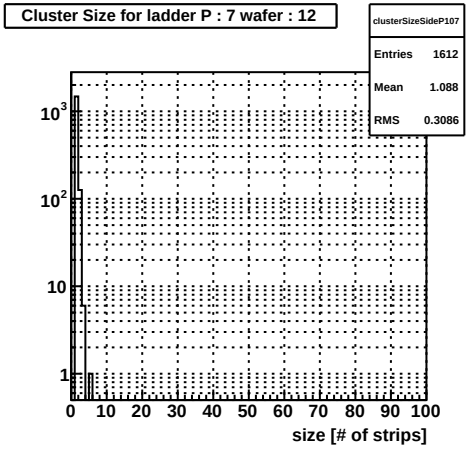

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 393
Mean 1.033
RMS 0.1925
size [# of strips]

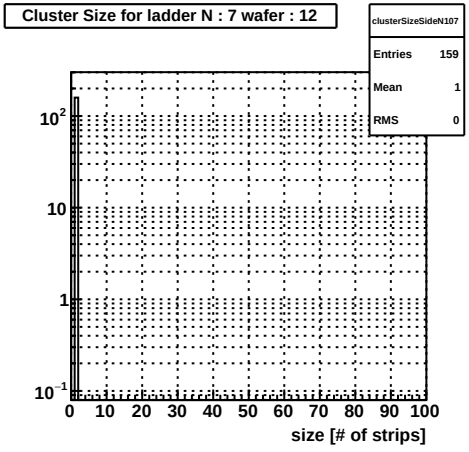

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 35
Mean 1
RMS 0
size [# of strips]

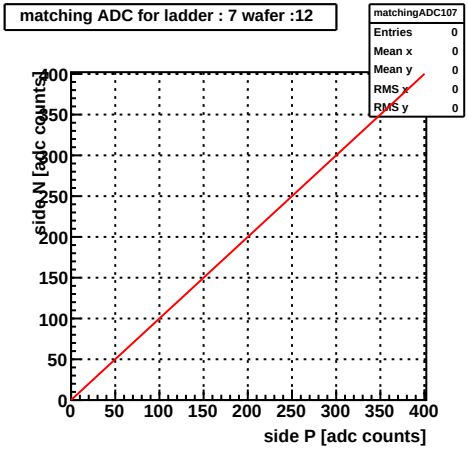

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

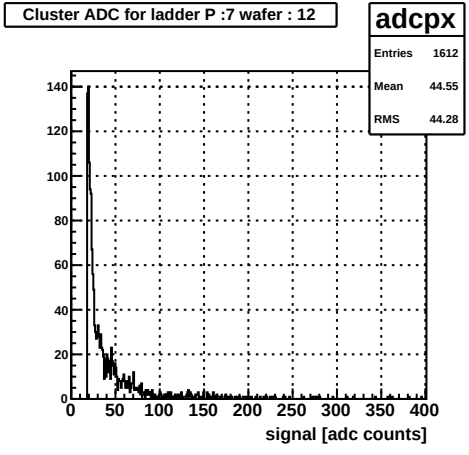

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 393
Mean 21.37
RMS 5.291
signal [adc counts]

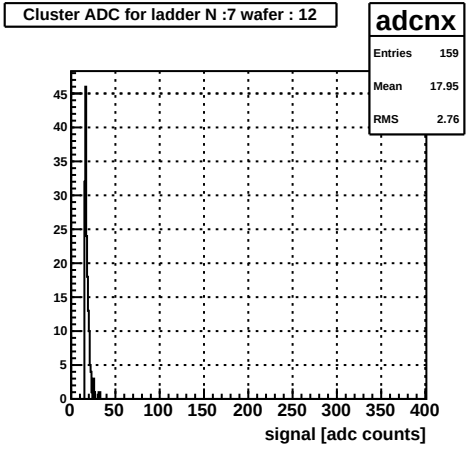

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 35
Mean 14.44
RMS 1.308
signal [adc counts]

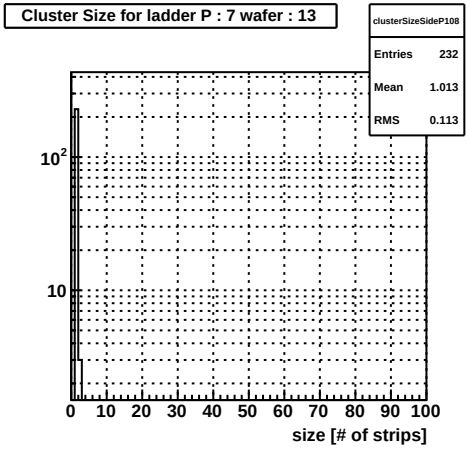

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1612
Mean 1.088
RMS 0.3086
size [# of strips]

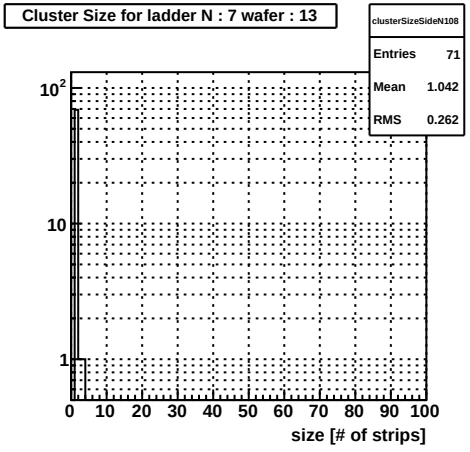

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 159
Mean 1
RMS 0
size [# of strips]

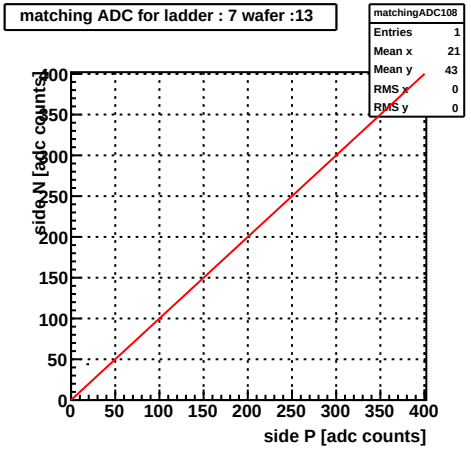

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

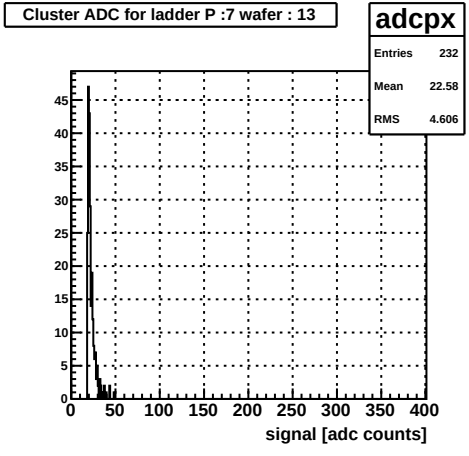

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1612
Mean 44.55
RMS 44.28
signal [adc counts]

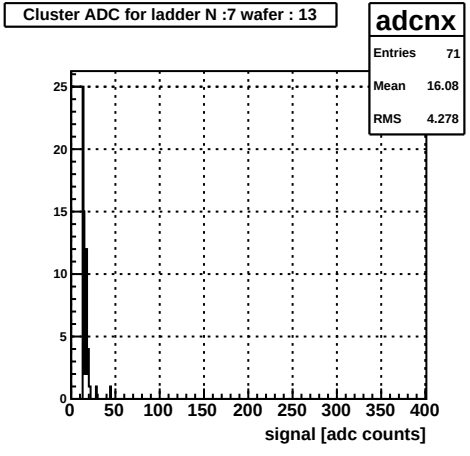

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 159
Mean 17.95
RMS 2.76
signal [adc counts]

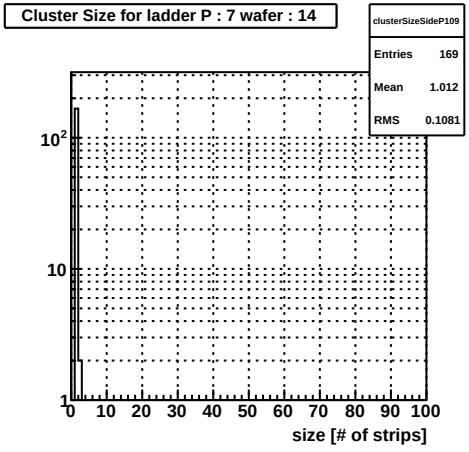

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 232
Mean 1.013
RMS 0.113
size [# of strips]

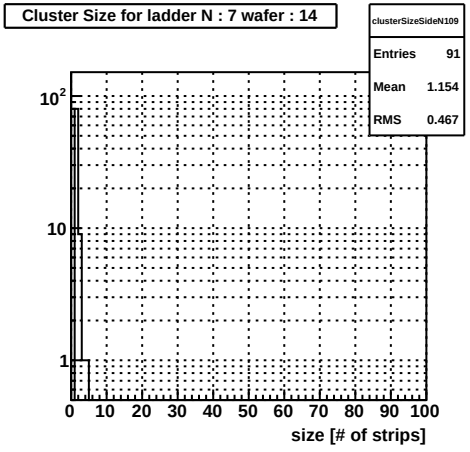

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 71
Mean 1.042
RMS 0.262
size [# of strips]

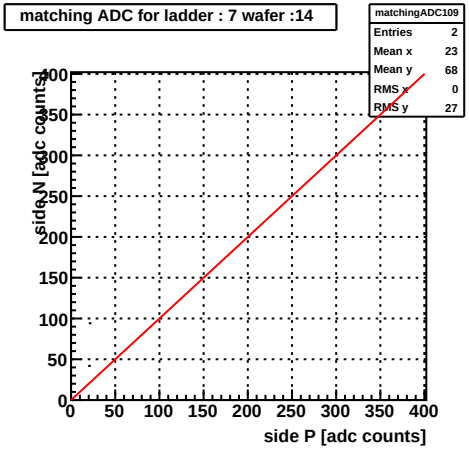

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1
Mean x 21
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

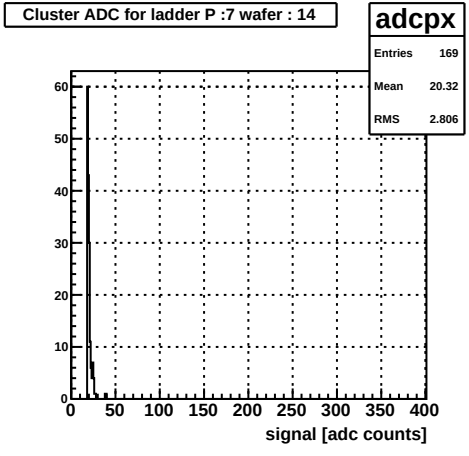

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 232
Mean 22.58
RMS 4.606
signal [adc counts]

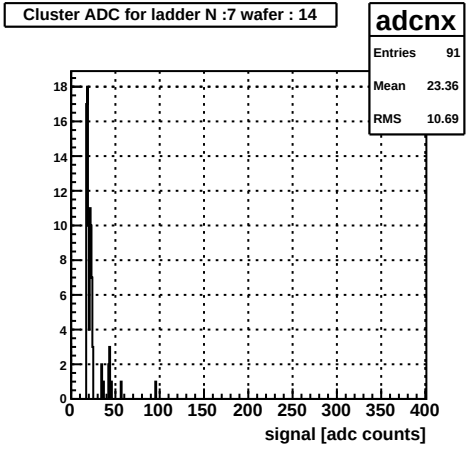

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 71
Mean 16.08
RMS 4.278
signal [adc counts]

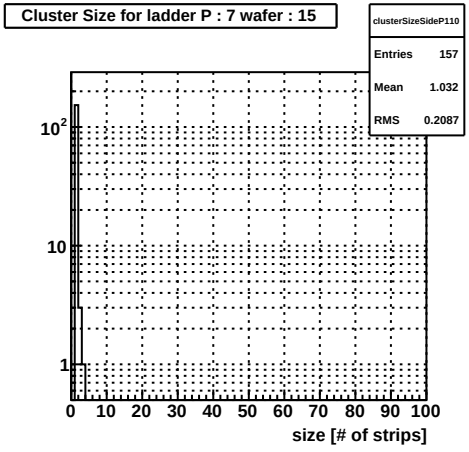

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 169
Mean 1.012
RMS 0.1081
size [# of strips]

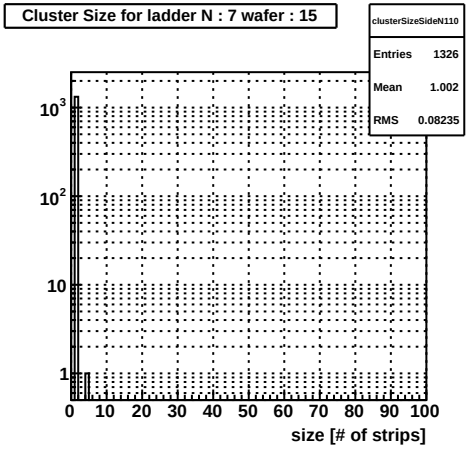

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 91
Mean 1.154
RMS 0.467
size [# of strips]

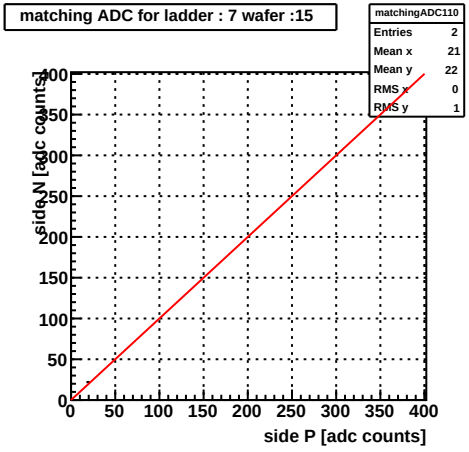

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 2
Mean x 23
Mean y 68
RMS x 0
RMS y 27
side N [adc counts]
side P [adc counts]

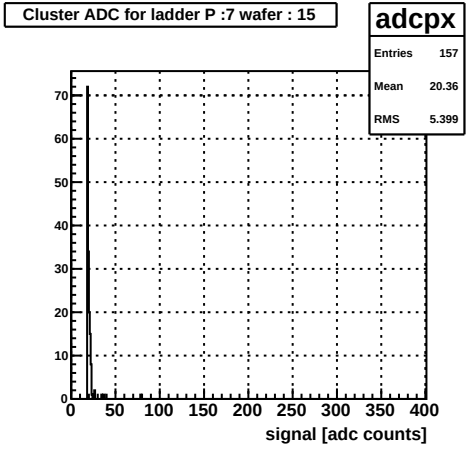

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 169
Mean 20.32
RMS 2.806
signal [adc counts]

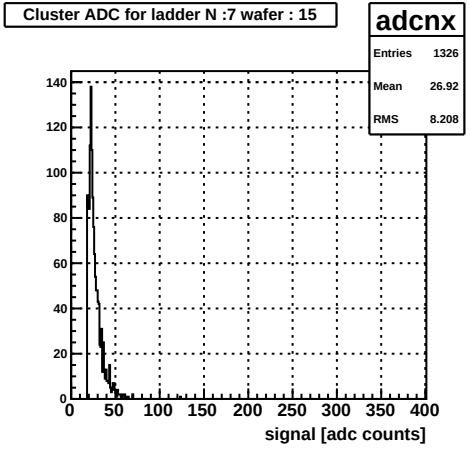

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 91
Mean 23.36
RMS 10.69
signal [adc counts]

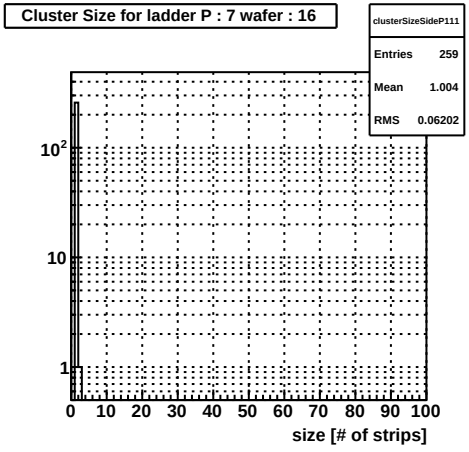

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 157
Mean 1.032
RMS 0.2087
size [# of strips]

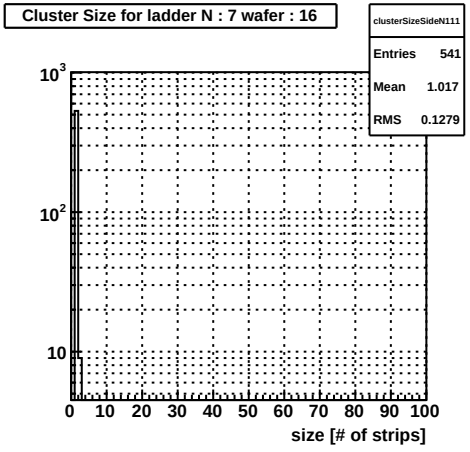

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1326
Mean 1.002
RMS 0.08235
size [# of strips]

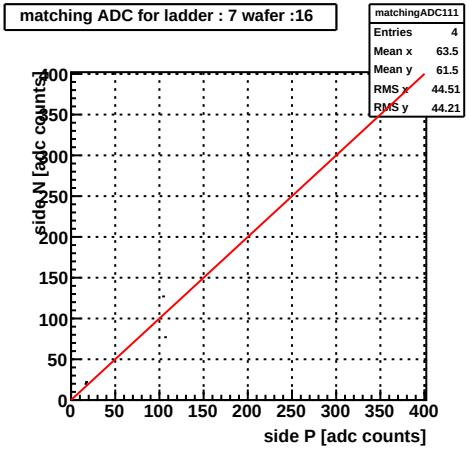

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 2
Mean x 21
Mean y 22
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

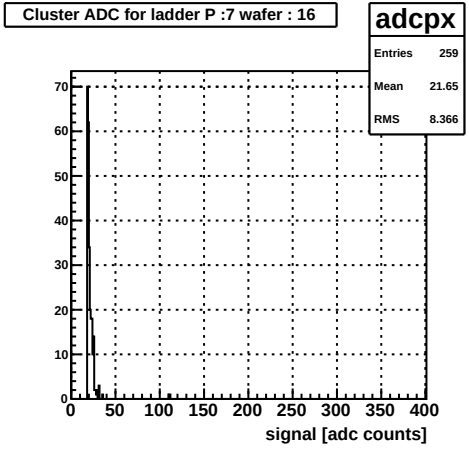

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 157
Mean 20.36
RMS 5.399
signal [adc counts]

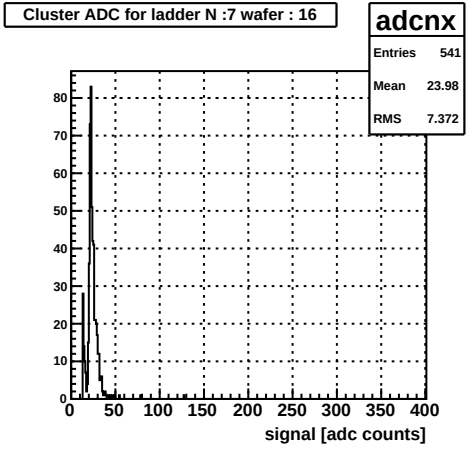

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1326
Mean 26.92
RMS 8.208
signal [adc counts]

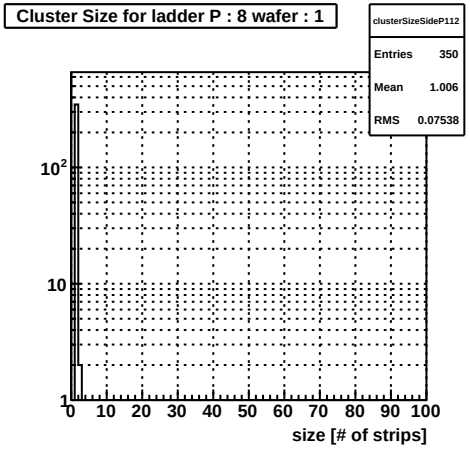

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 259
Mean 1.004
RMS 0.06202
size [# of strips]

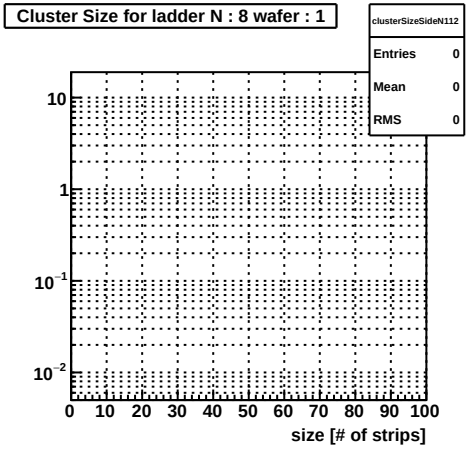

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 541
Mean 1.017
RMS 0.1279
size [# of strips]

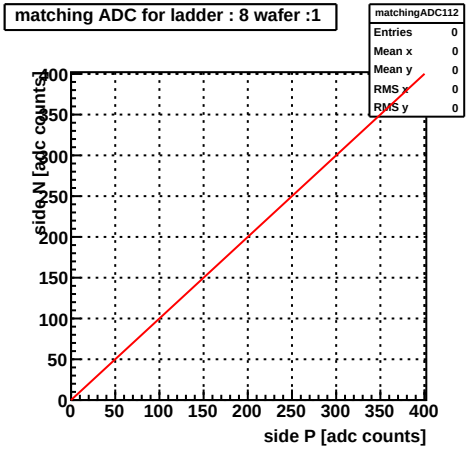

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 4
Mean x 63.5
Mean y 61.5
RMS x 44.51
RMS y 44.21
side N [adc counts]
side P [adc counts]

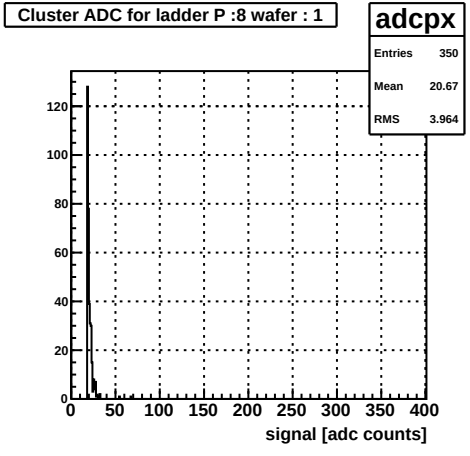

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 259
Mean 21.65
RMS 8.366
signal [adc counts]

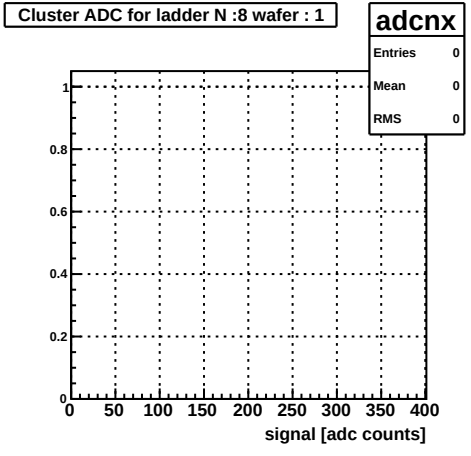

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 541
Mean 23.98
RMS 7.372
signal [adc counts]

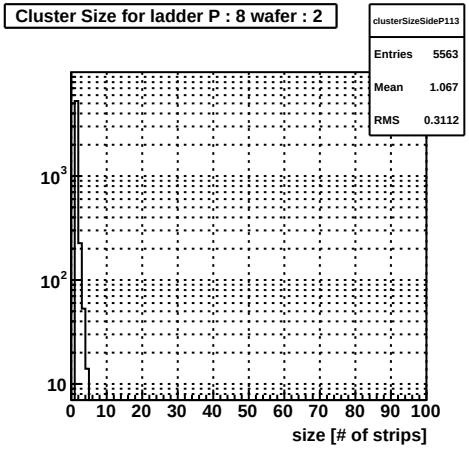

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 350
Mean 1.006
RMS 0.07538
size [# of strips]

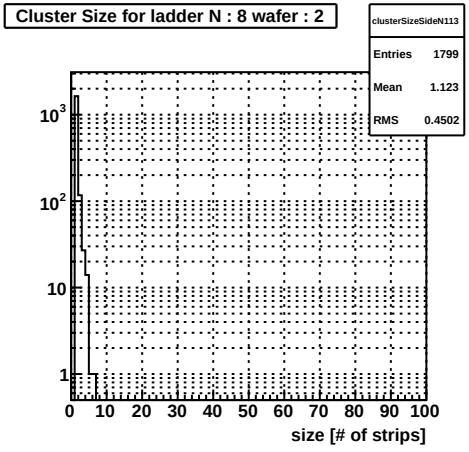

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

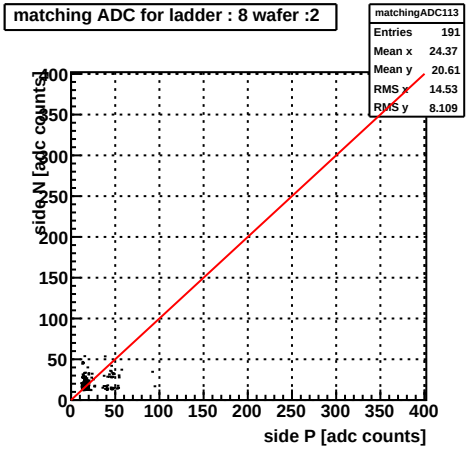

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

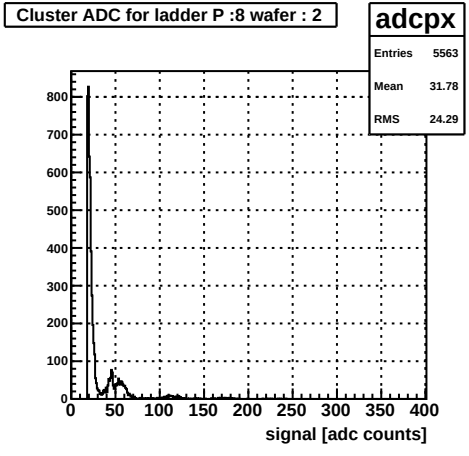

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 350
Mean 20.67
RMS 3.964
signal [adc counts]

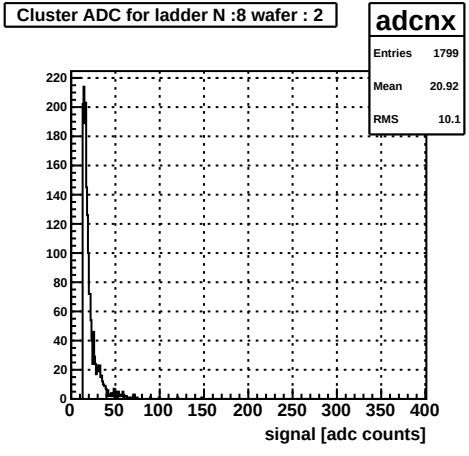

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

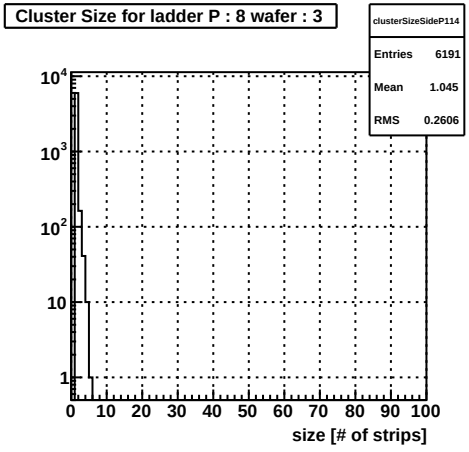

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5563
Mean 1.067
RMS 0.3112
size [# of strips]

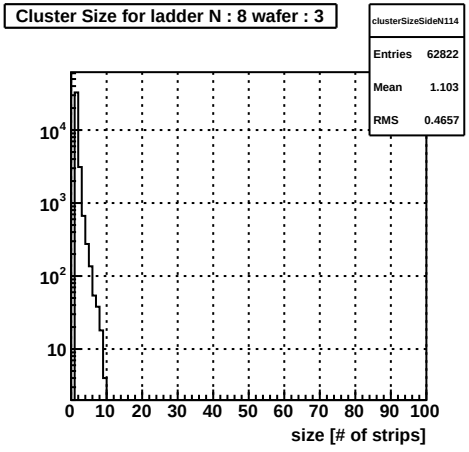

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1799
Mean 1.123
RMS 0.4502
size [# of strips]

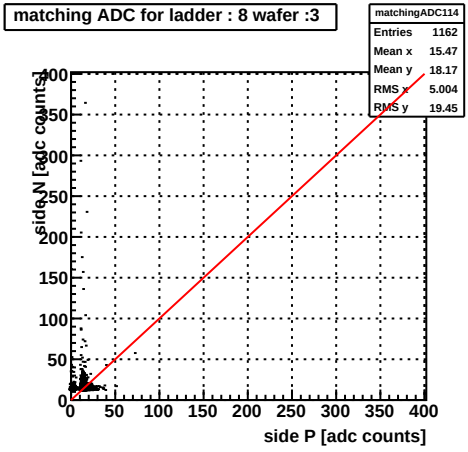

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 191
Mean x 24.37
Mean y 20.61
RMS x 14.53
RMS y 8.109
side N [adc counts]
side P [adc counts]

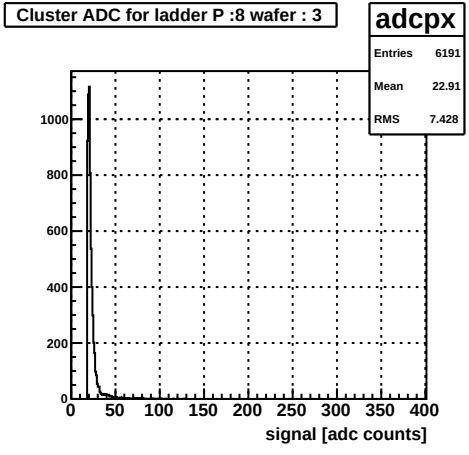

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5563
Mean 31.78
RMS 24.29
signal [adc counts]

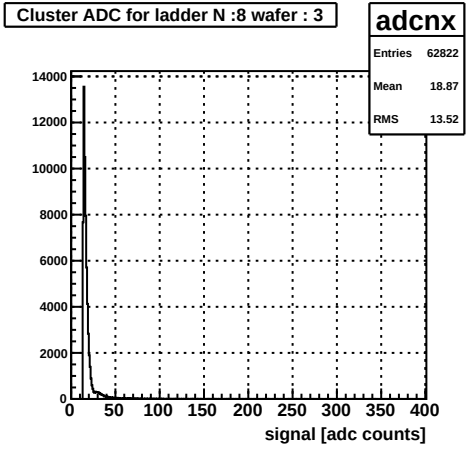

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1799
Mean 20.92
RMS 10.1
signal [adc counts]

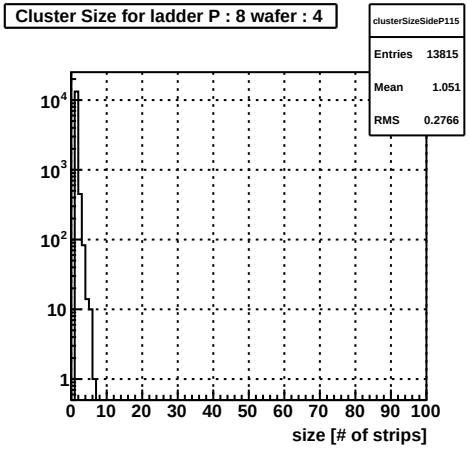

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6191
Mean 1.045
RMS 0.2606
size [# of strips]

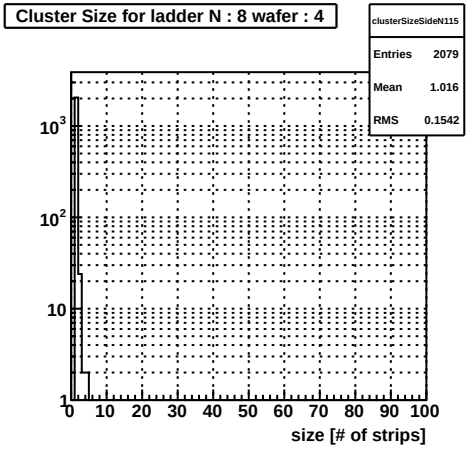

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 62822
Mean 1.103
RMS 0.4657
size [# of strips]

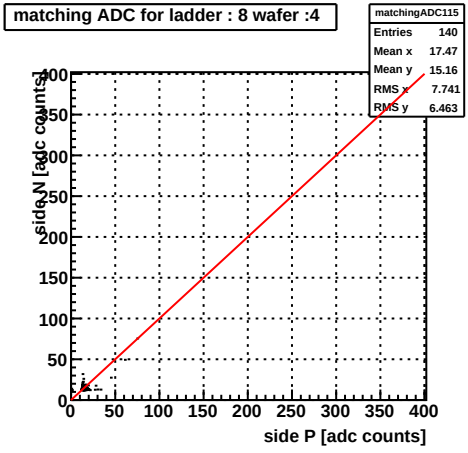

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1162
Mean x 15.47
Mean y 18.17
RMS x 5.004
RMS y 19.45
side N [adc counts]
side P [adc counts]

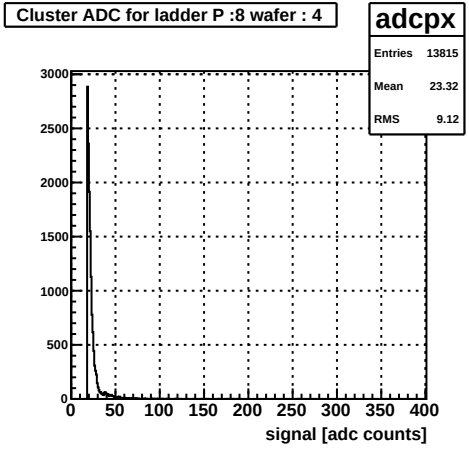

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6191
Mean 22.91
RMS 7.428
signal [adc counts]

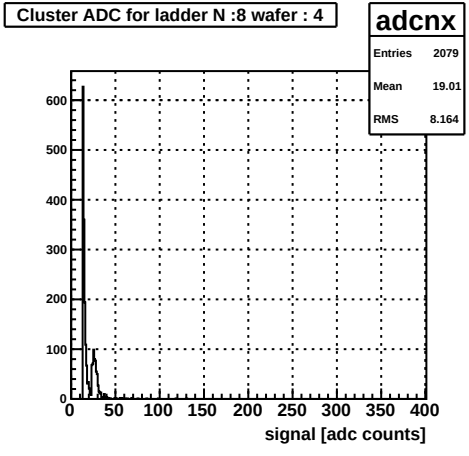

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 62822
Mean 18.87
RMS 13.52
signal [adc counts]

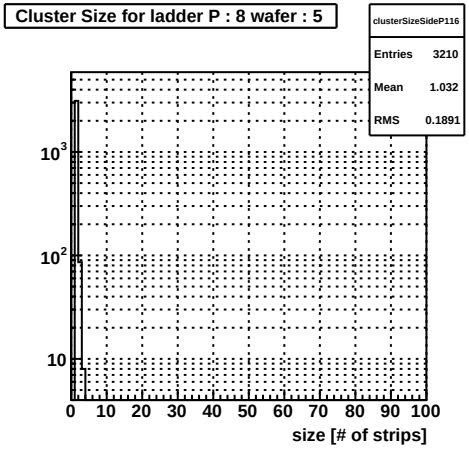

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13815
Mean 1.051
RMS 0.2766
size [# of strips]

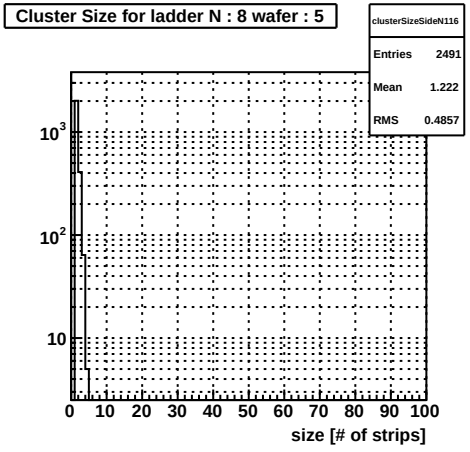

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2079
Mean 1.016
RMS 0.1542
size [# of strips]

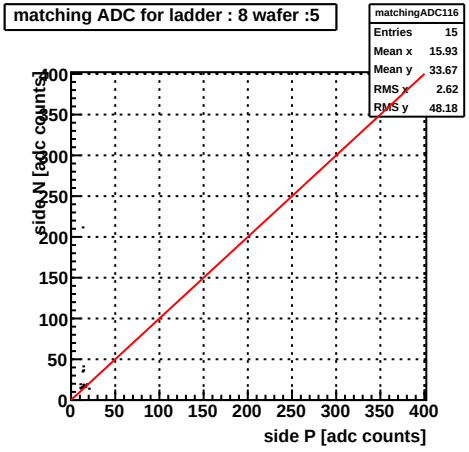

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 140
Mean x 17.47
Mean y 15.16
RMS x 7.741
RMS y 6.463
side N [adc counts]
side P [adc counts]

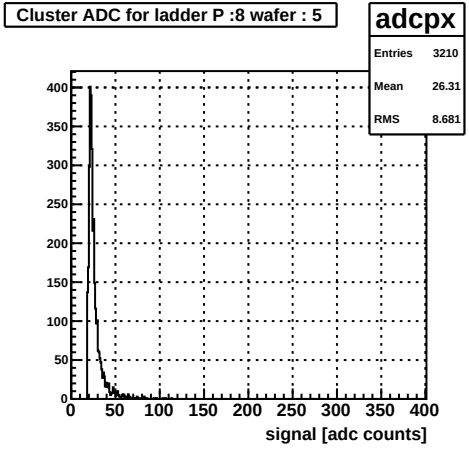

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13815
Mean 23.32
RMS 9.12
signal [adc counts]

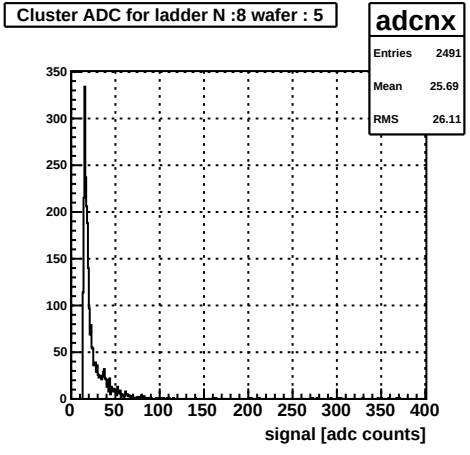

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2079
Mean 19.01
RMS 8.164
signal [adc counts]

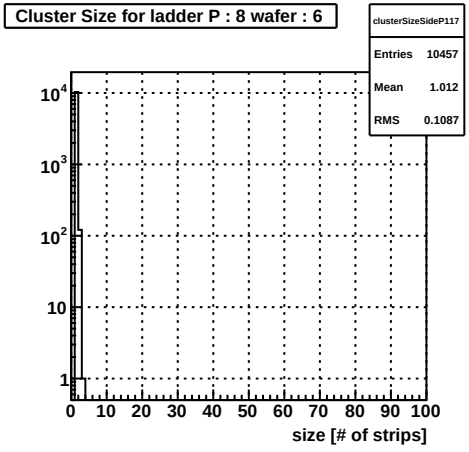

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3210
Mean 1.032
RMS 0.1891
size [# of strips]

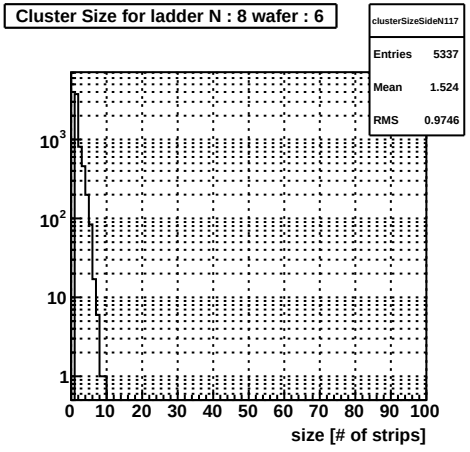

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2491
Mean 1.222
RMS 0.4857
size [# of strips]

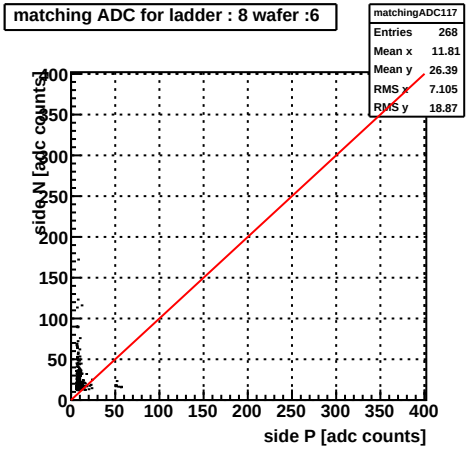

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 15
Mean x 15.93
Mean y 33.67
RMS x 2.62
RMS y 48.18
side N [adc counts]
side P [adc counts]

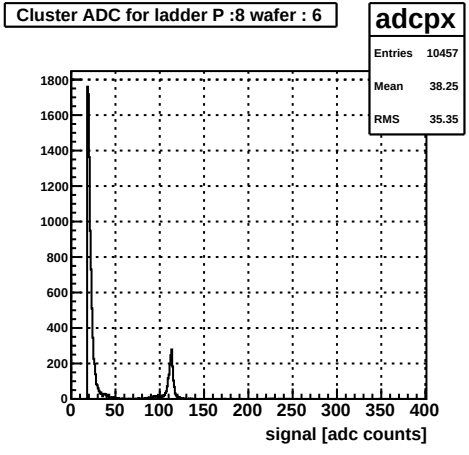

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3210
Mean 26.31
RMS 8.681
signal [adc counts]

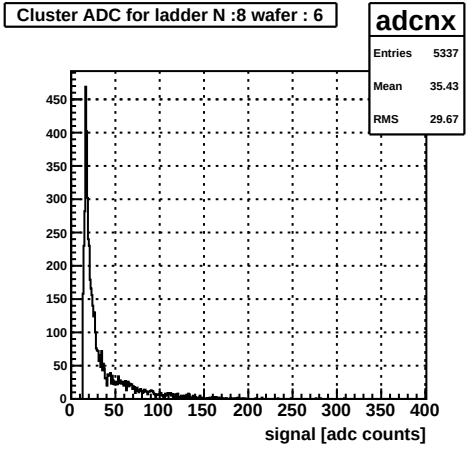

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2491
Mean 25.69
RMS 26.11
signal [adc counts]

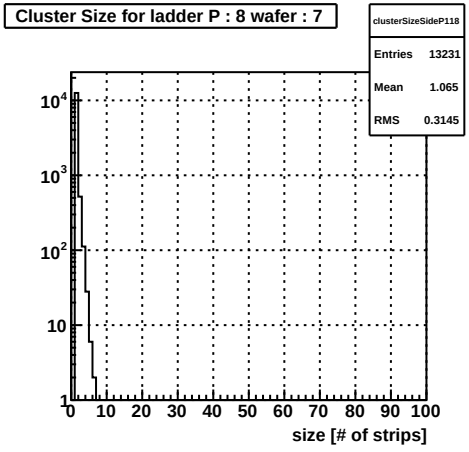

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 10457
Mean 1.012
RMS 0.1087
size [# of strips]

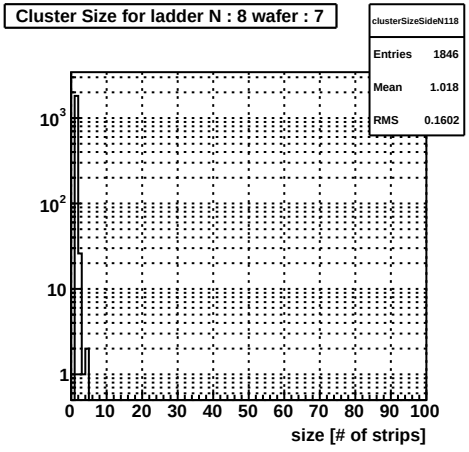

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5337
Mean 1.524
RMS 0.9746
size [# of strips]

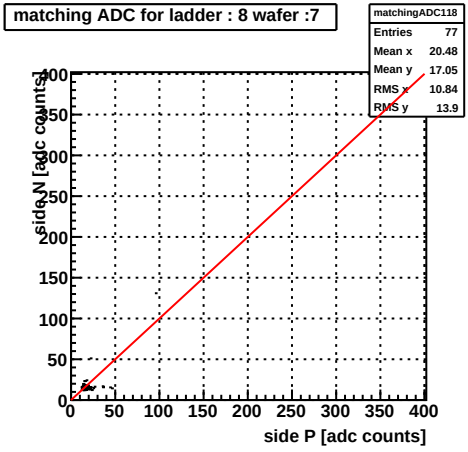

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 268
Mean x 11.81
Mean y 26.39
RMS x 7.105
RMS y 18.87
side N [adc counts]
side P [adc counts]

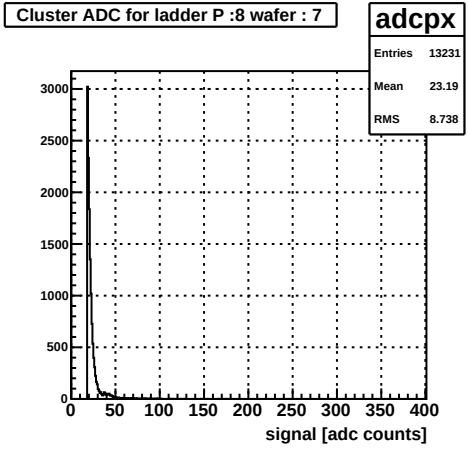

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 10457
Mean 38.25
RMS 35.35
signal [adc counts]

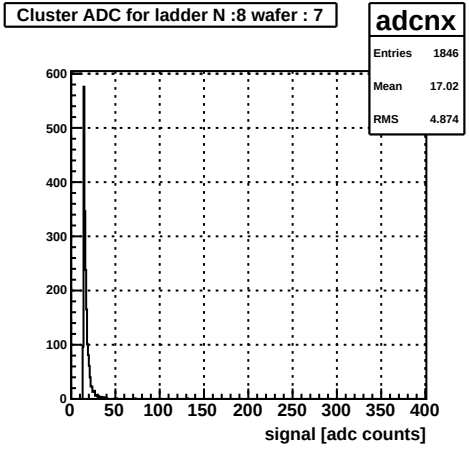

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5337
Mean 35.43
RMS 29.67
signal [adc counts]

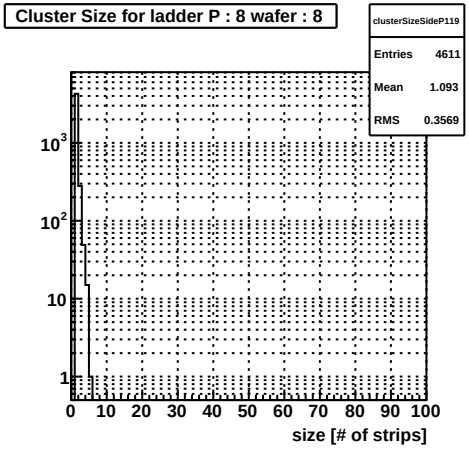

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13231
Mean 1.065
RMS 0.3145
size [# of strips]

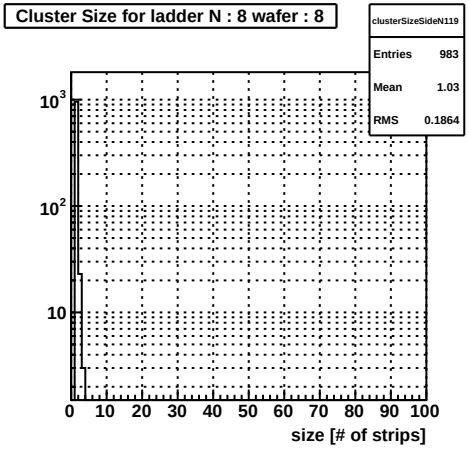

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1846
Mean 1.018
RMS 0.1602
size [# of strips]

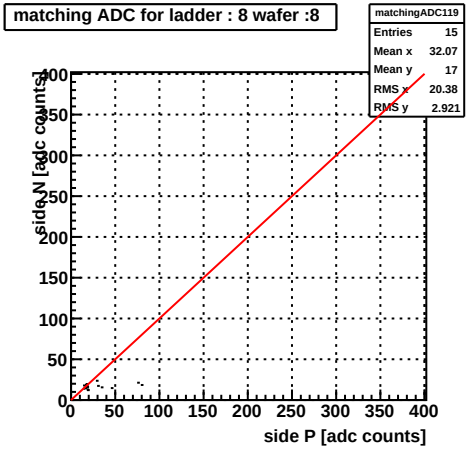

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 77
Mean x 20.48
Mean y 17.05
RMS x 10.84
RMS y 13.9
side N [adc counts]
side P [adc counts]

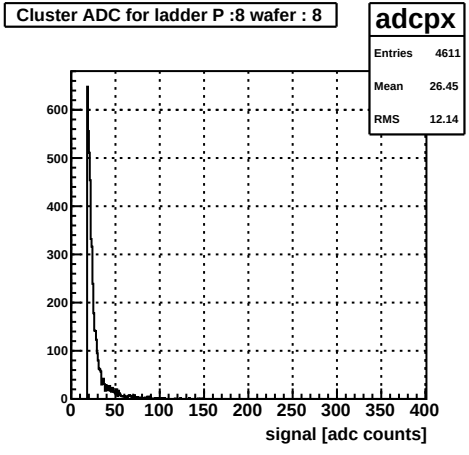

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13231
Mean 23.19
RMS 8.738
signal [adc counts]

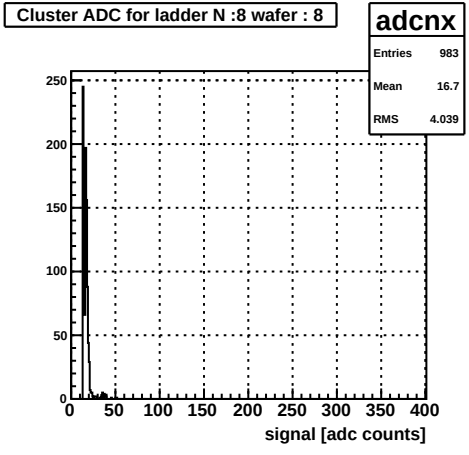

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1846
Mean 17.02
RMS 4.874
signal [adc counts]

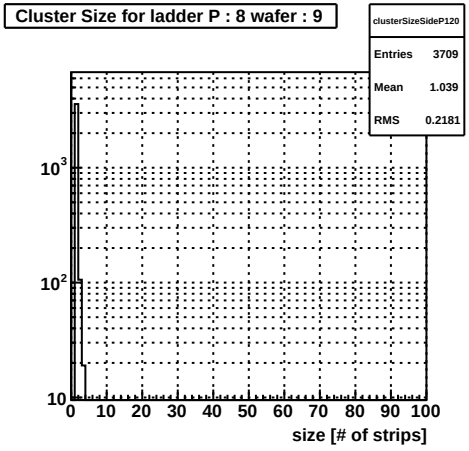

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4611
Mean 1.093
RMS 0.3569
size [# of strips]

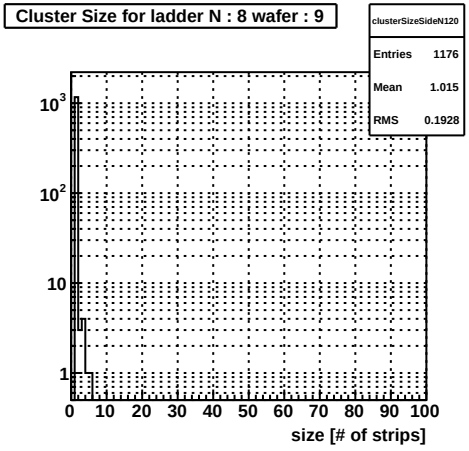

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 983
Mean 1.03
RMS 0.1864
size [# of strips]

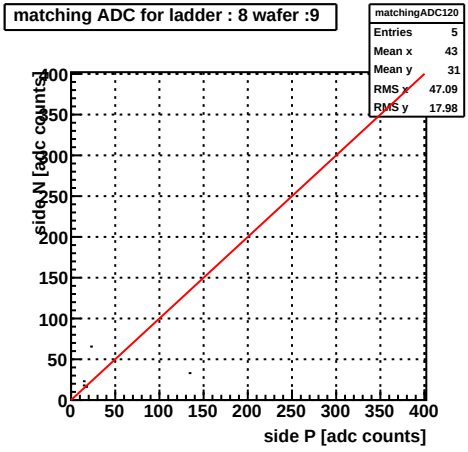

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 15
Mean x 32.07
Mean y 17
RMS x 20.38
RMS y 2.921
side N [adc counts]
side P [adc counts]

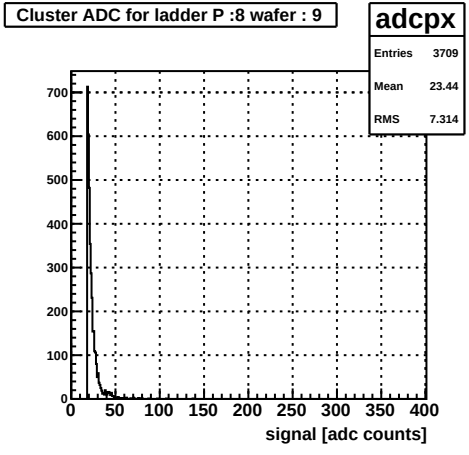

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4611
Mean 26.45
RMS 12.14
signal [adc counts]

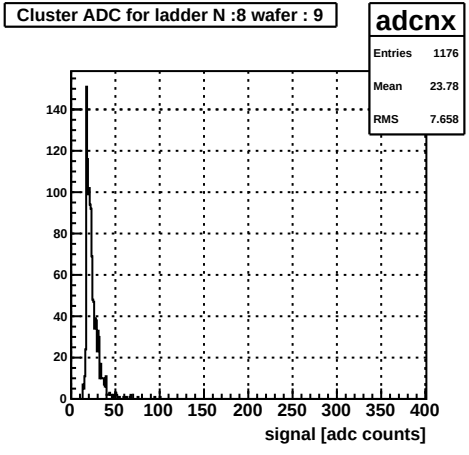

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 983
Mean 16.7
RMS 4.039
signal [adc counts]

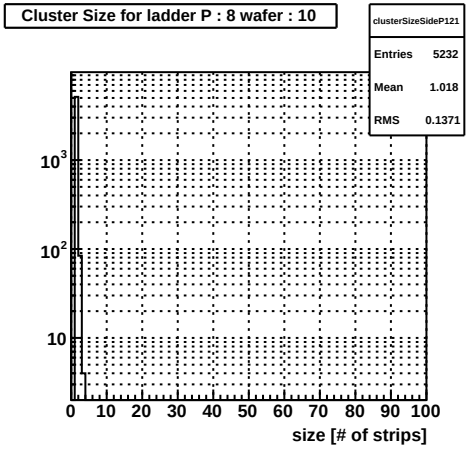

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3709
Mean 1.039
RMS 0.2181
size [# of strips]

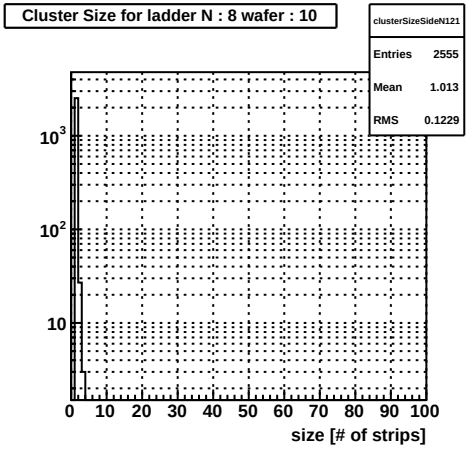

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1176
Mean 1.015
RMS 0.1928
size [# of strips]

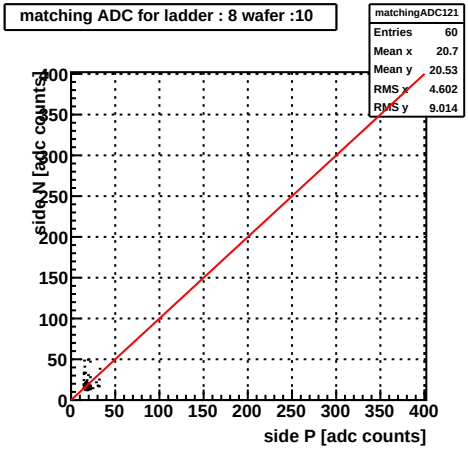

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 5
Mean x 43
Mean y 31
RMS x 47.09
RMS y 17.98
side N [adc counts]
side P [adc counts]

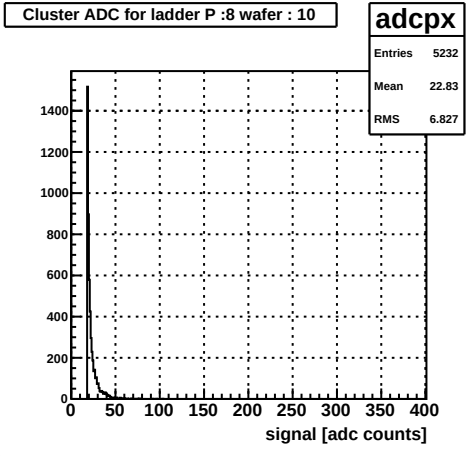

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3709
Mean 23.44
RMS 7.314
signal [adc counts]

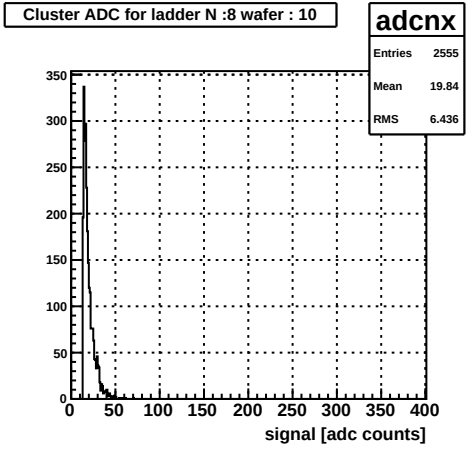

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1176
Mean 23.78
RMS 7.658
signal [adc counts]

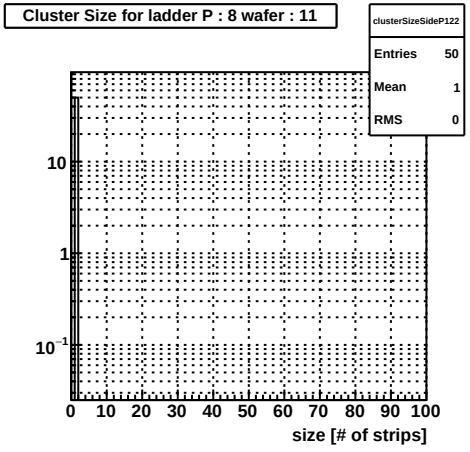

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5232
Mean 1.018
RMS 0.1371
size [# of strips]

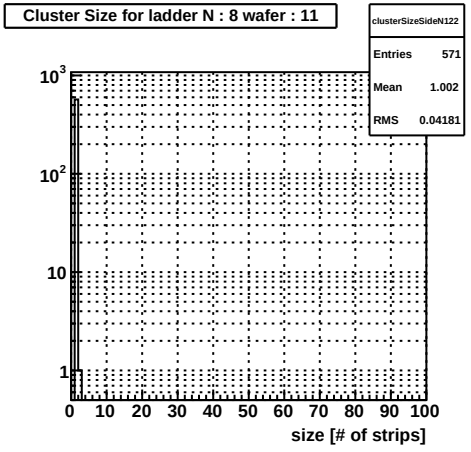

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2555
Mean 1.013
RMS 0.1229
size [# of strips]

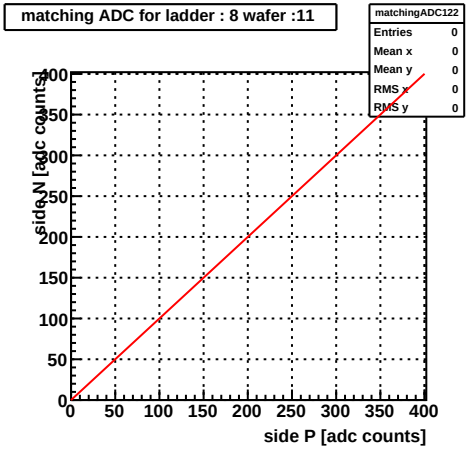

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 60
Mean x 20.7
Mean y 20.53
RMS x 4.602
RMS y 9.014
side N [adc counts]
side P [adc counts]

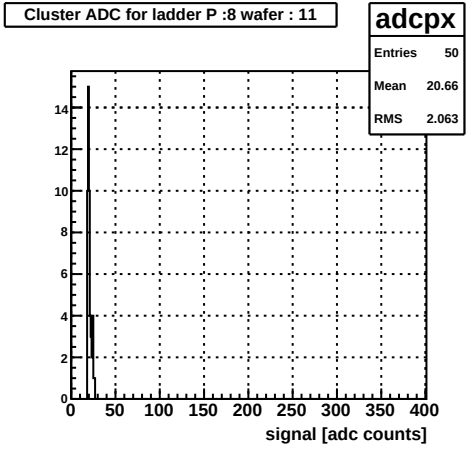

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5232
Mean 22.83
RMS 6.827
signal [adc counts]

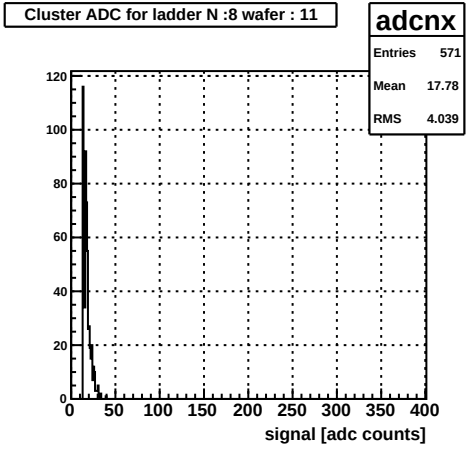

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2555
Mean 19.84
RMS 6.436
signal [adc counts]

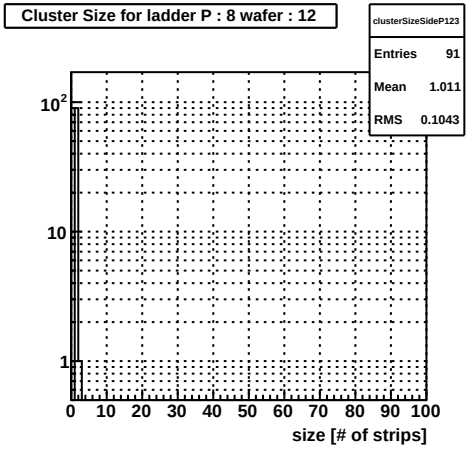

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 50
Mean 1
RMS 0
size [# of strips]

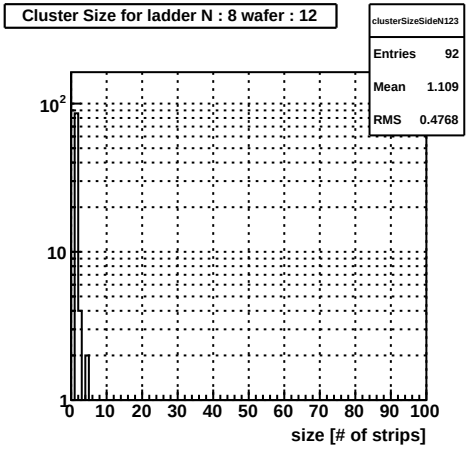

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 571
Mean 1.002
RMS 0.04181
size [# of strips]

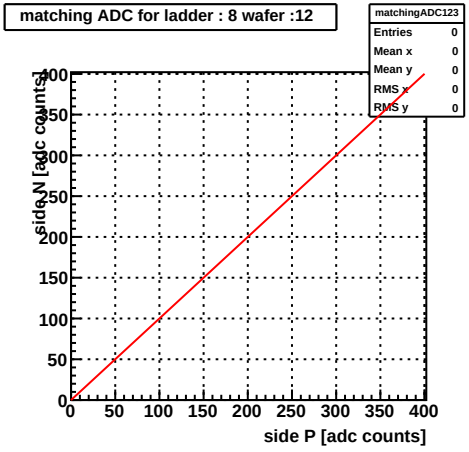

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

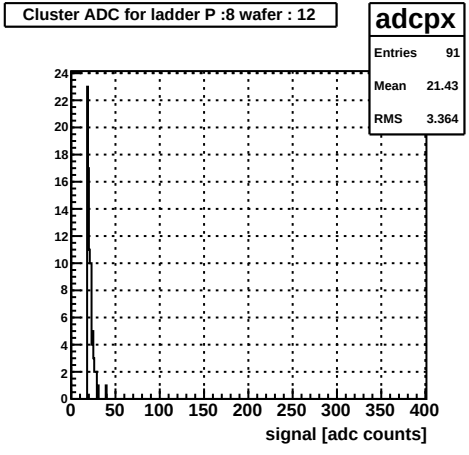

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 50
Mean 20.66
RMS 2.063
signal [adc counts]

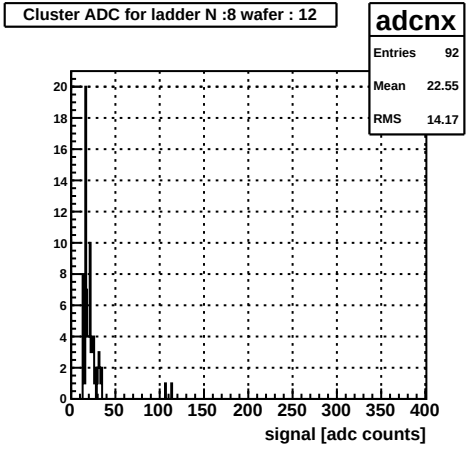

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 571
Mean 17.78
RMS 4.039
signal [adc counts]

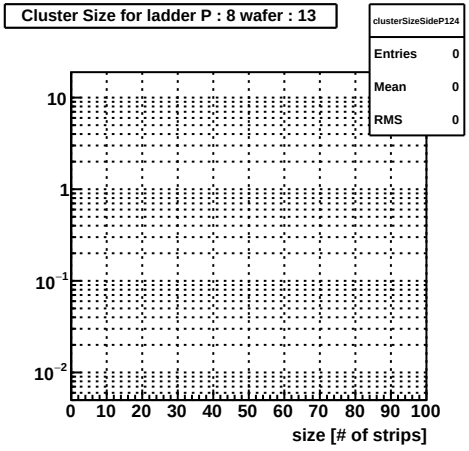

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 91
Mean 1.011
RMS 0.1043
size [# of strips]

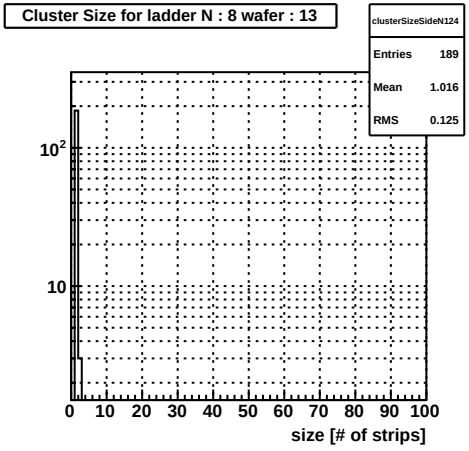

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 92
Mean 1.109
RMS 0.4768
size [# of strips]

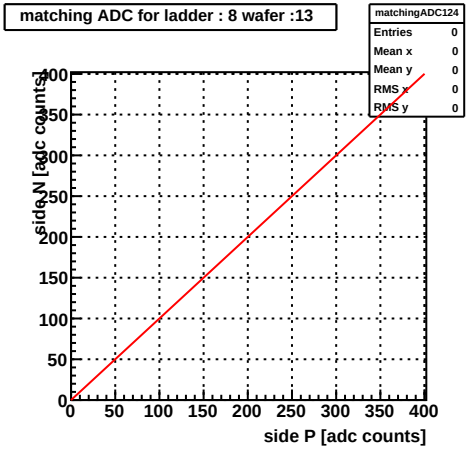

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

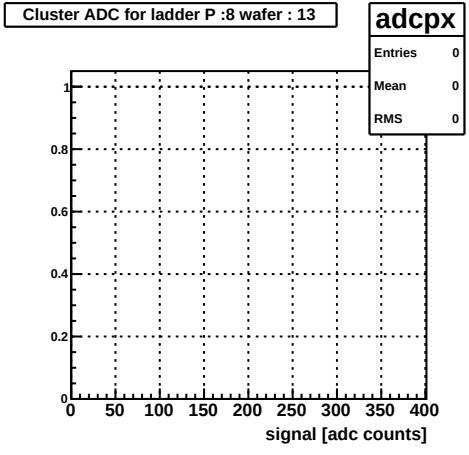

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 91
Mean 21.43
RMS 3.364
signal [adc counts]

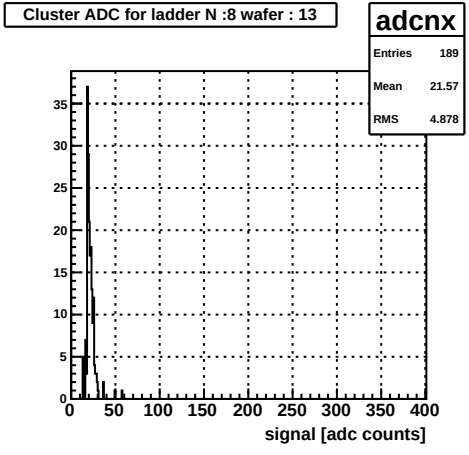

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 92
Mean 22.55
RMS 14.17
signal [adc counts]

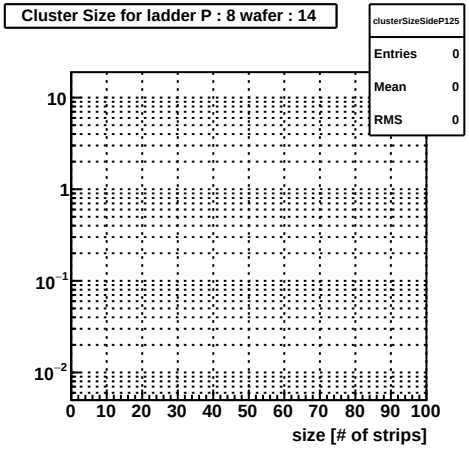

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

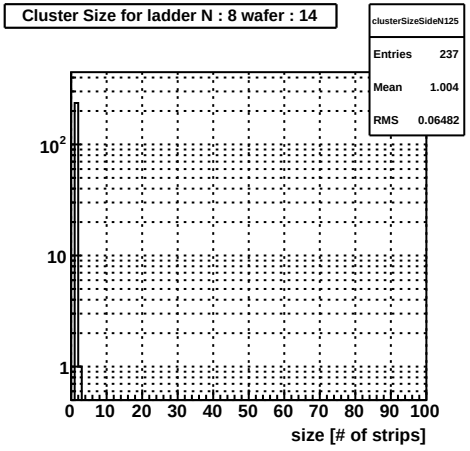

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 189
Mean 1.016
RMS 0.125
size [# of strips]

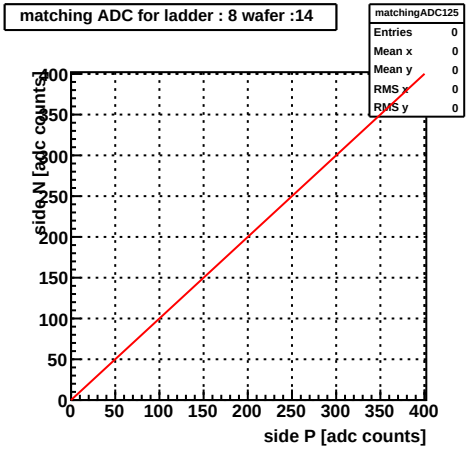

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

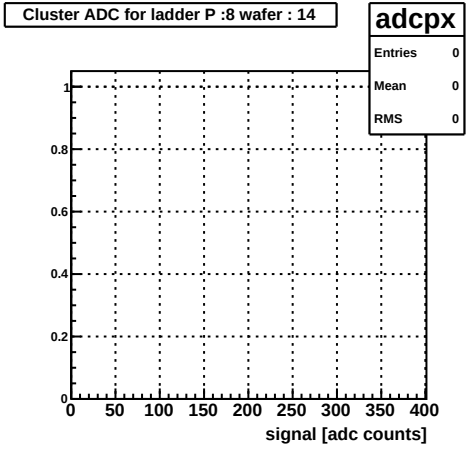

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

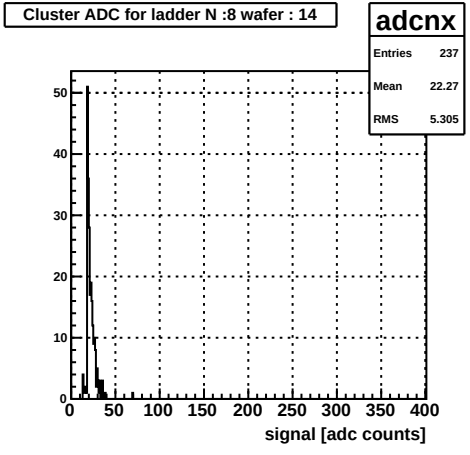

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 189
Mean 21.57
RMS 4.878
signal [adc counts]

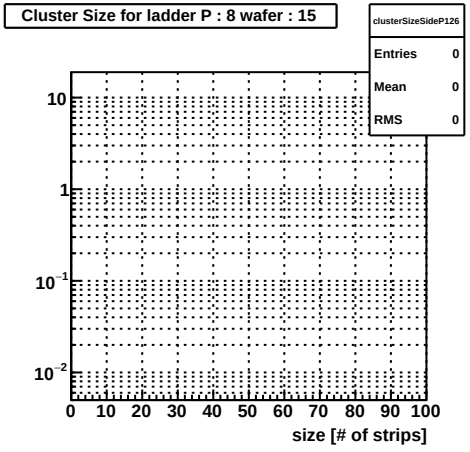

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

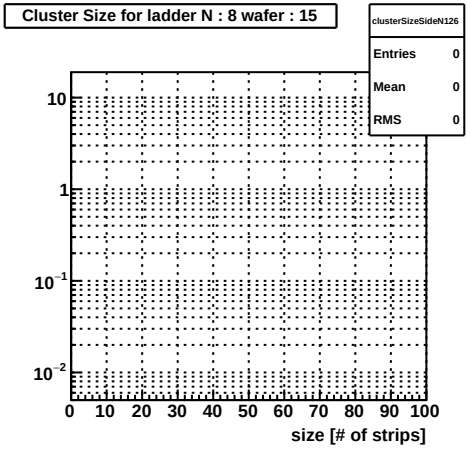

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 237
Mean 1.004
RMS 0.06482
size [# of strips]

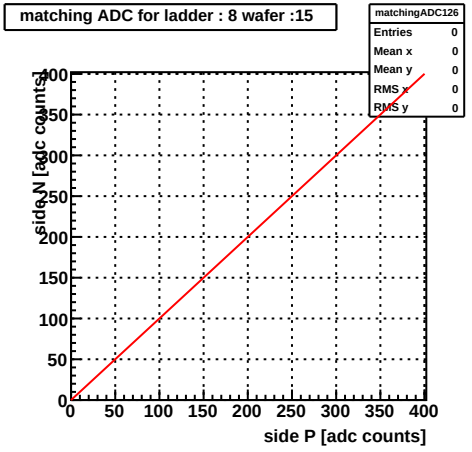

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

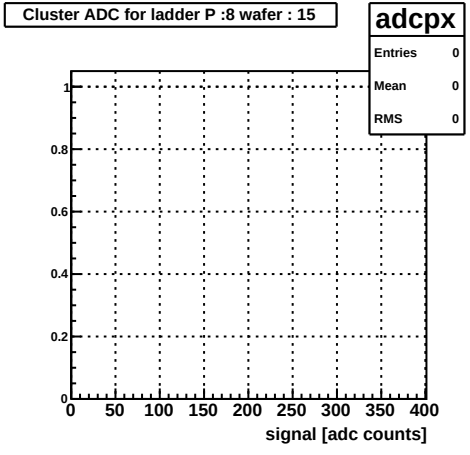

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

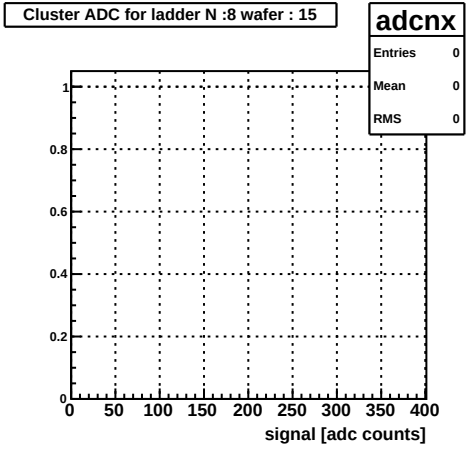

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 237
Mean 22.27
RMS 5.305
signal [adc counts]

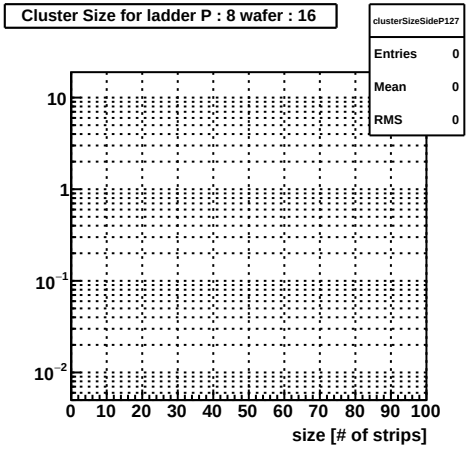

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

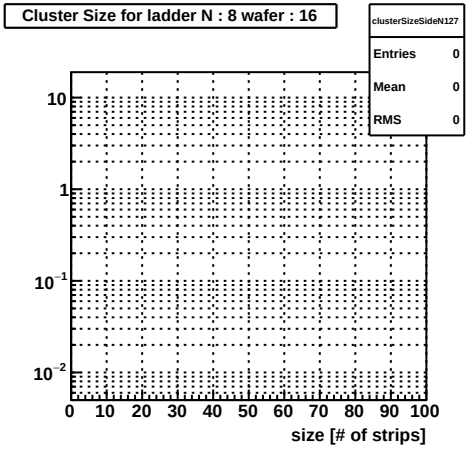

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

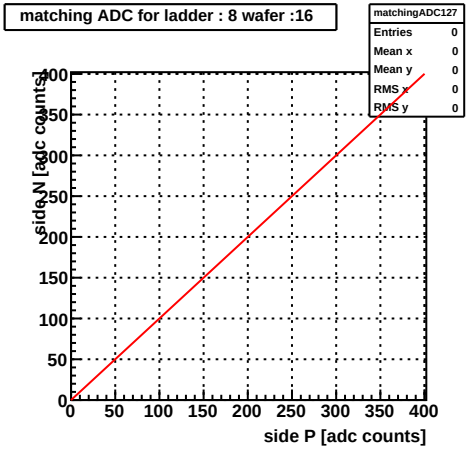

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

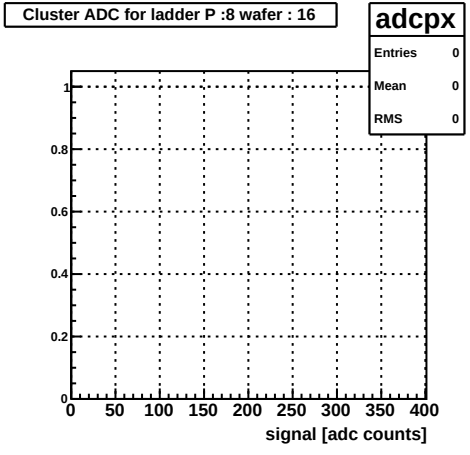

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

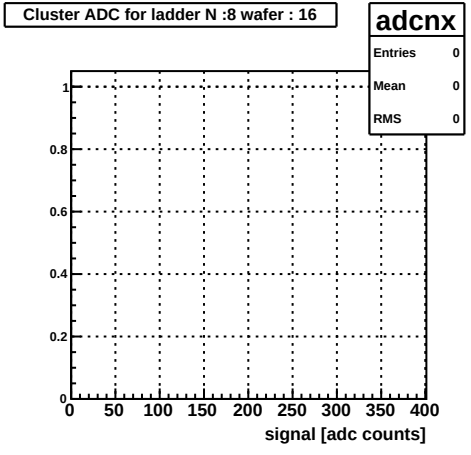

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

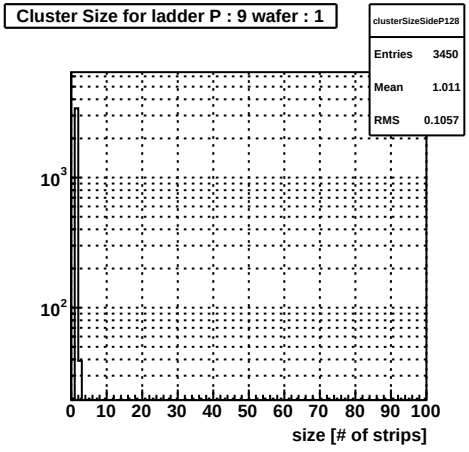

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

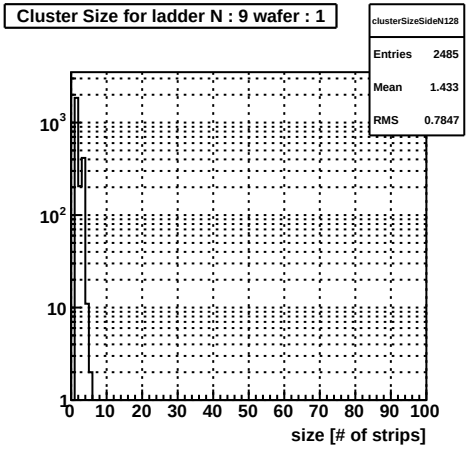

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

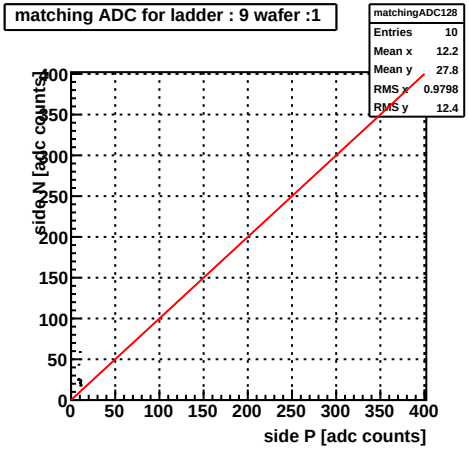

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

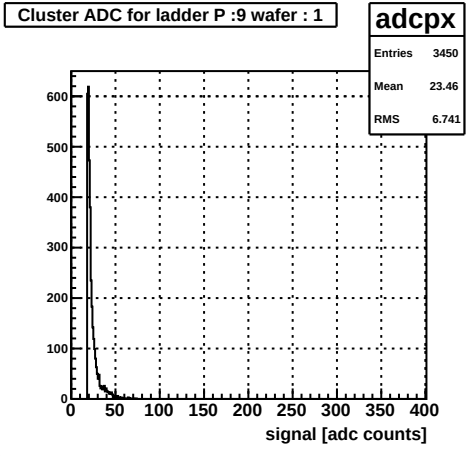

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

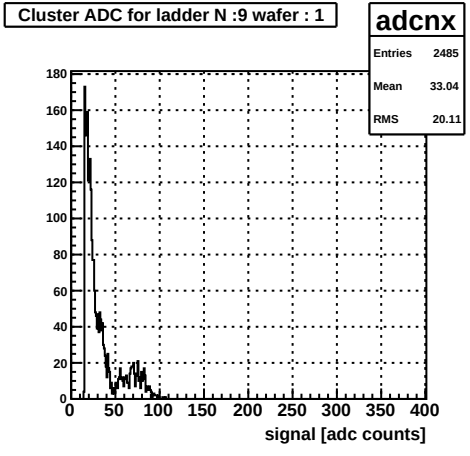

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

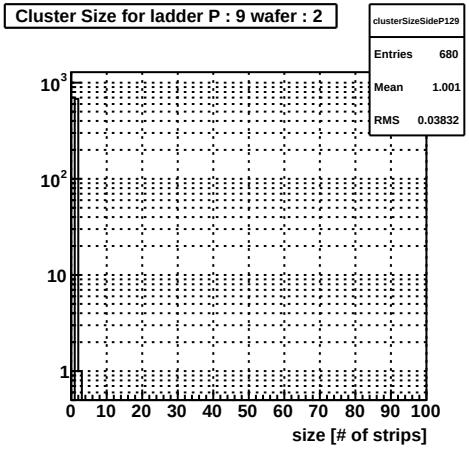

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3450
Mean 1.011
RMS 0.1057
size [# of strips]

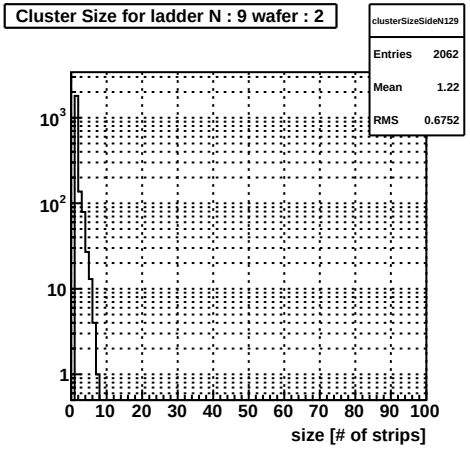

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2485
Mean 1.433
RMS 0.7847
size [# of strips]

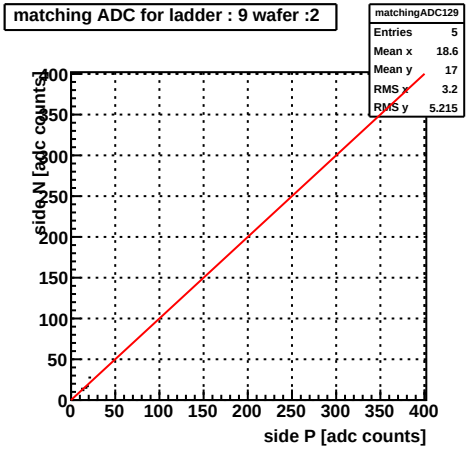

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 10
Mean x 12.2
Mean y 27.8
RMS x 0.9798
RMS y 12.4
side N [adc counts]
side P [adc counts]

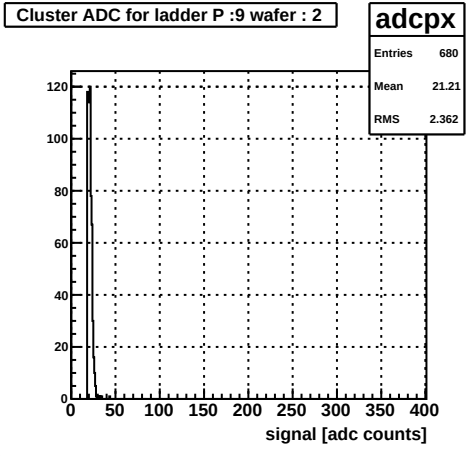

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3450
Mean 23.46
RMS 6.741
signal [adc counts]

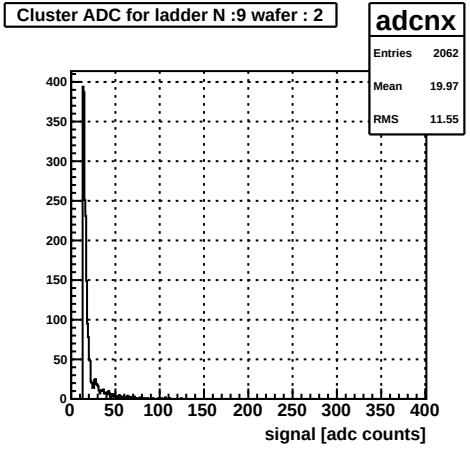

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2485
Mean 33.04
RMS 20.11
signal [adc counts]

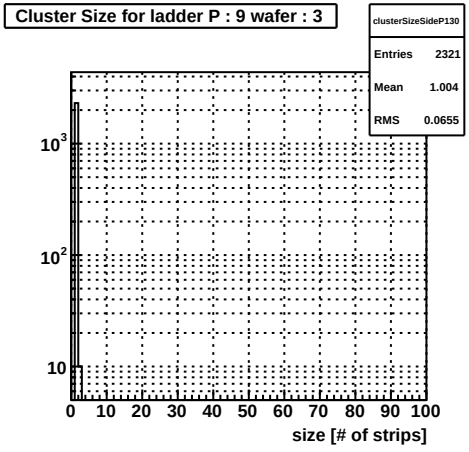

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 680
Mean 1.001
RMS 0.03832
size [# of strips]

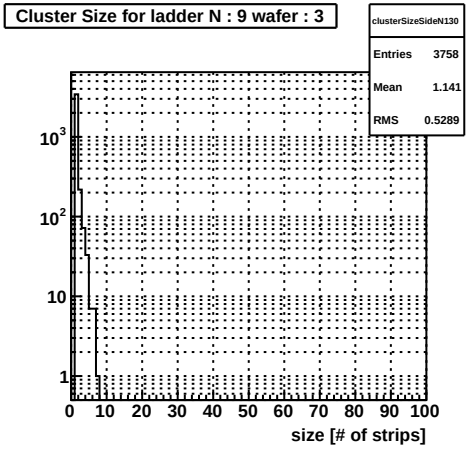

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2062
Mean 1.22
RMS 0.6752
size [# of strips]

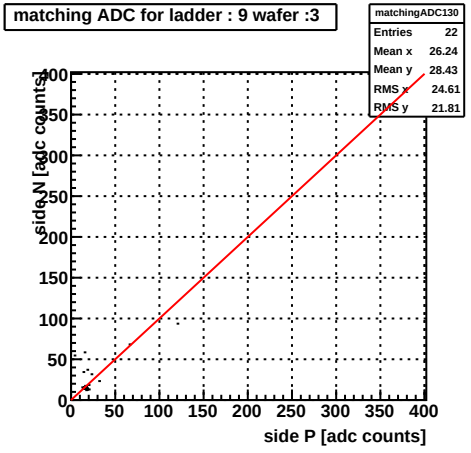

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 5
Mean x 18.6
Mean y 17
RMS x 3.2
RMS y 5.215
side N [adc counts]
side P [adc counts]

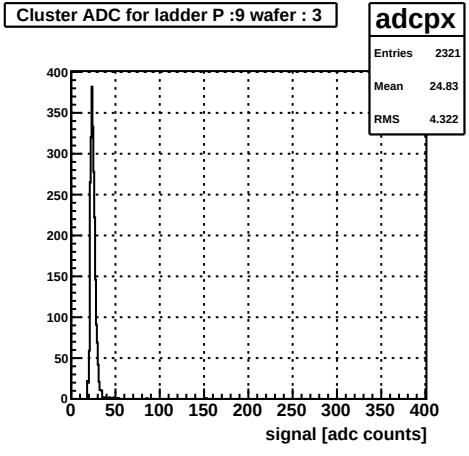

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 680
Mean 21.21
RMS 2.362
signal [adc counts]

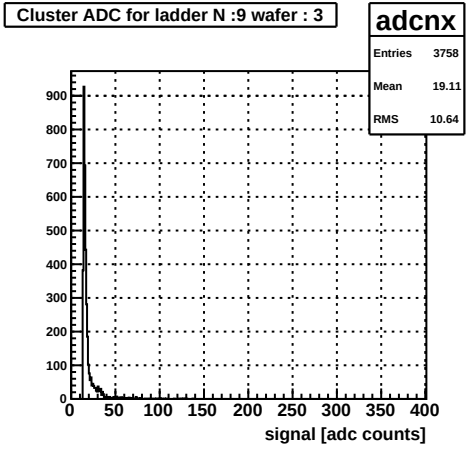

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2062
Mean 19.97
RMS 11.55
signal [adc counts]

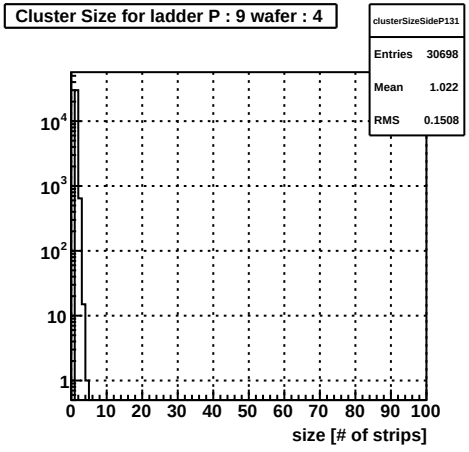

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2321
Mean 1.004
RMS 0.0655
size [# of strips]

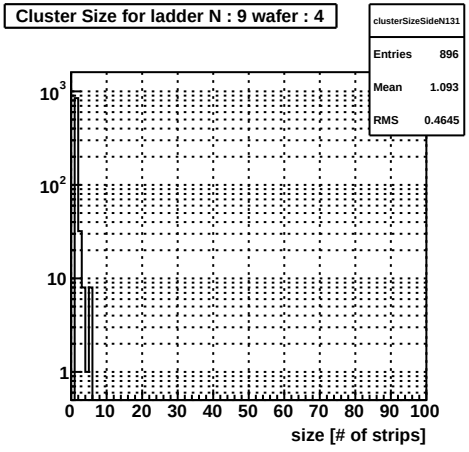

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 3758
Mean 1.141
RMS 0.5289
size [# of strips]

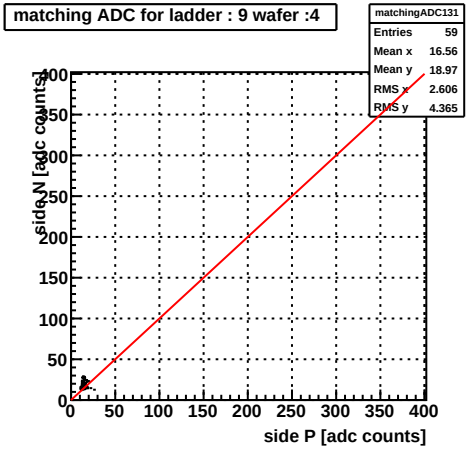

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 22
Mean x 26.24
Mean y 28.43
RMS x 24.61
RMS y 21.81
side N [adc counts]
side P [adc counts]

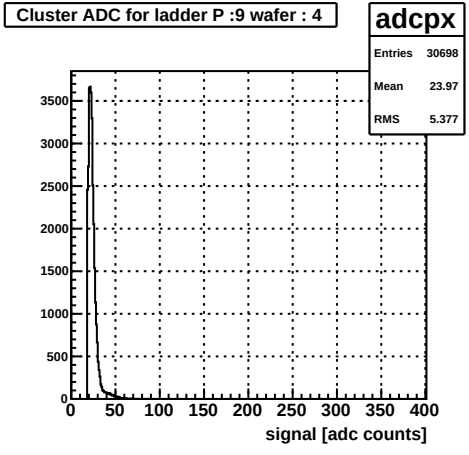

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2321
Mean 24.83
RMS 4.322
signal [adc counts]

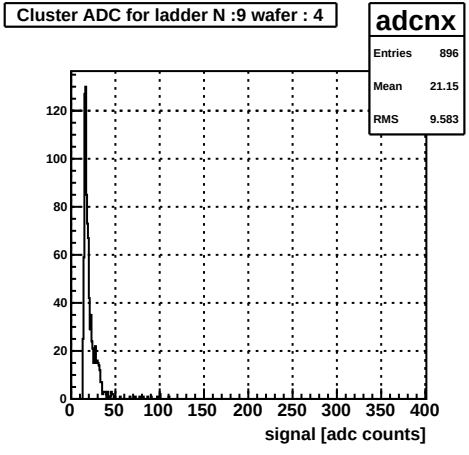

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 3758
Mean 19.11
RMS 10.64
signal [adc counts]

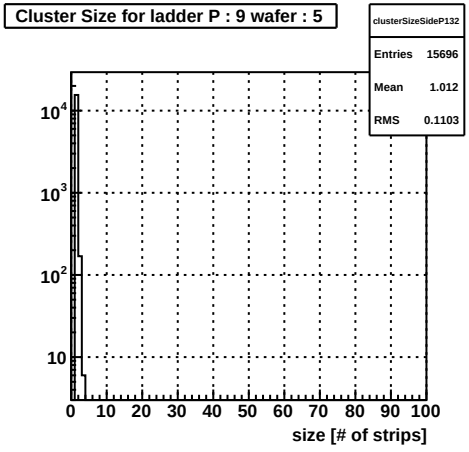

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 30698
Mean 1.022
RMS 0.1508
size [# of strips]

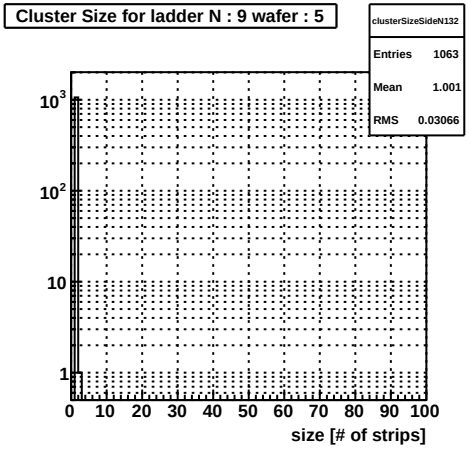

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 896
Mean 1.093
RMS 0.4645
size [# of strips]

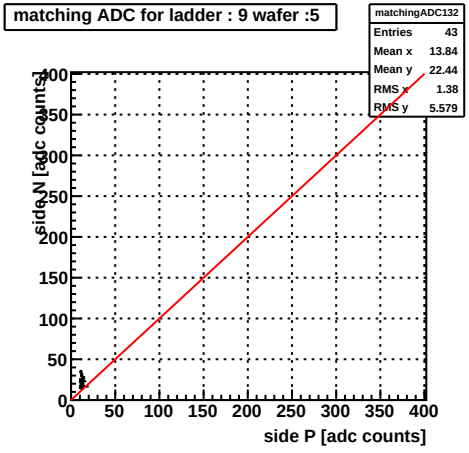

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 59
Mean x 16.56
Mean y 18.97
RMS x 2.606
RMS y 4.365
side N [adc counts]
side P [adc counts]

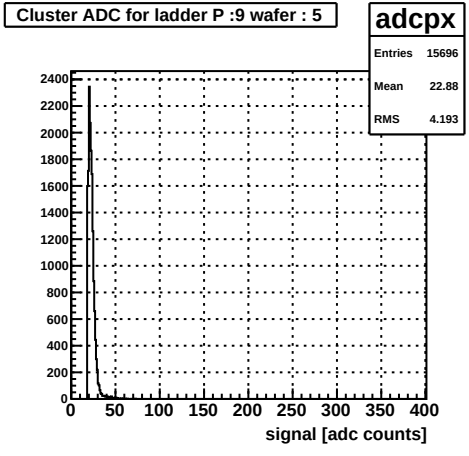

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 30698
Mean 23.97
RMS 5.377
signal [adc counts]

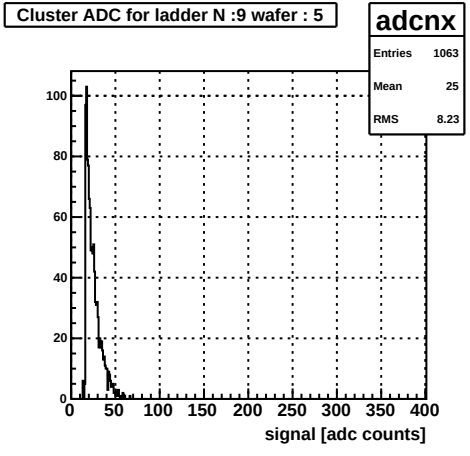

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 896
Mean 21.15
RMS 9.583
signal [adc counts]

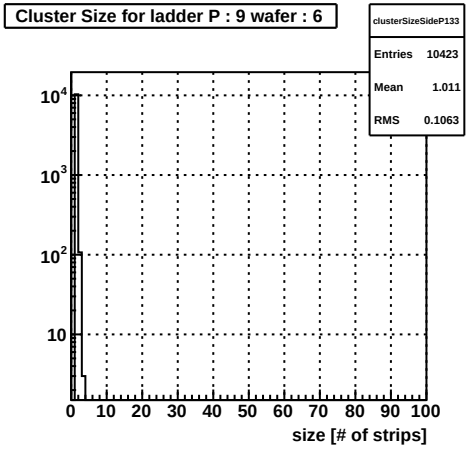

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 15696
Mean 1.012
RMS 0.1103
size [# of strips]

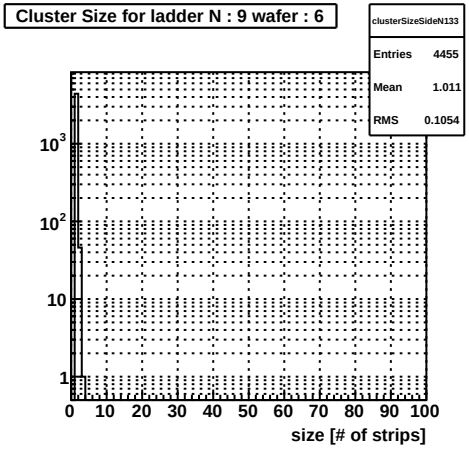

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1063
Mean 1.001
RMS 0.03066
size [# of strips]

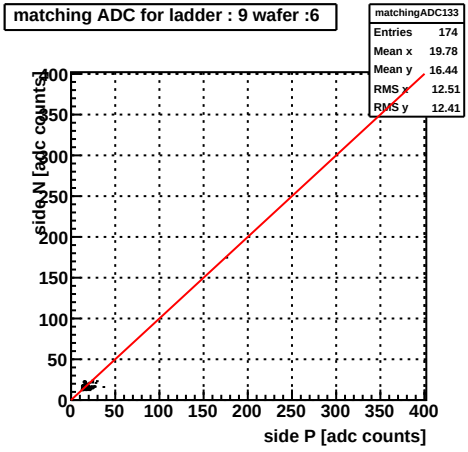

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 43
Mean x 13.84
Mean y 22.44
RMS x 1.38
RMS y 5.579
side N [adc counts]
side P [adc counts]

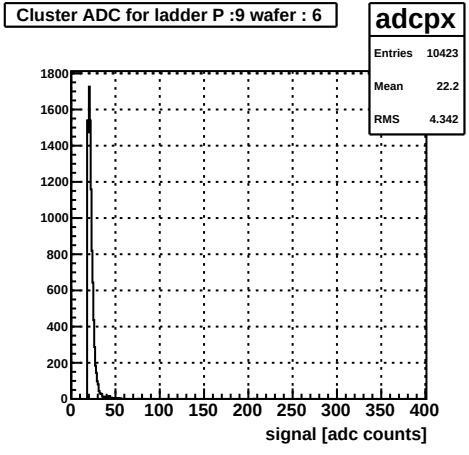

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 15696
Mean 22.88
RMS 4.193
signal [adc counts]

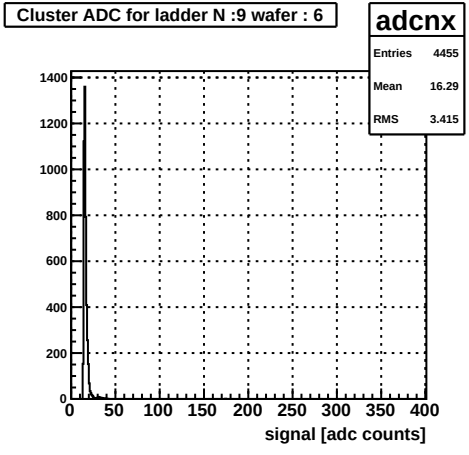

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1063
Mean 25
RMS 8.23
signal [adc counts]

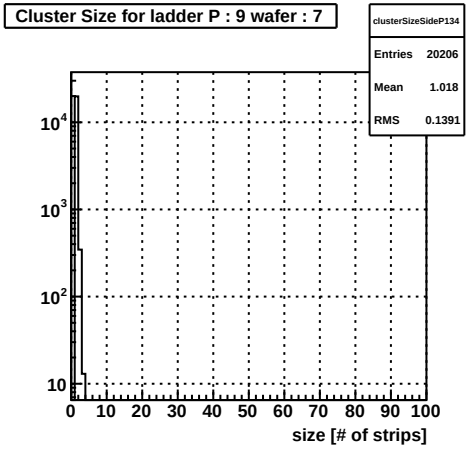

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10423
Mean 1.011
RMS 0.1063
size [# of strips]

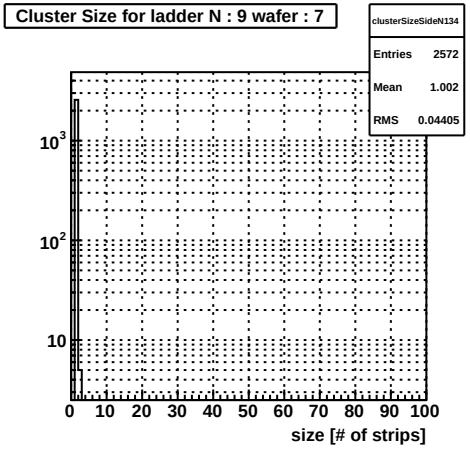

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 4455
Mean 1.011
RMS 0.1054
size [# of strips]

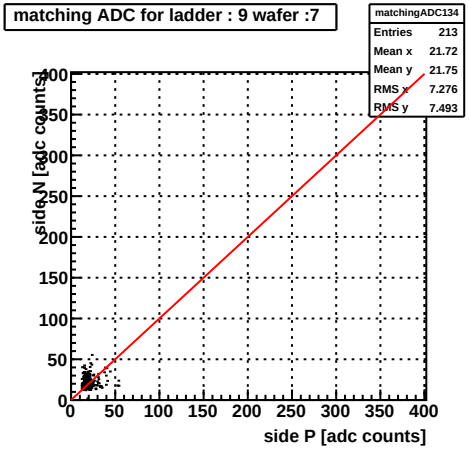

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 174
Mean x 19.78
Mean y 16.44
RMS x 12.51
RMS y 12.41
side N [adc counts]
side P [adc counts]

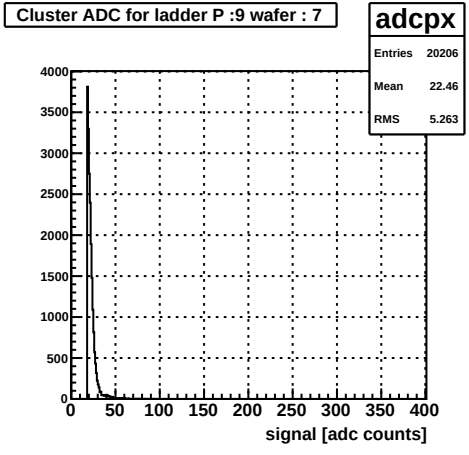

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10423
Mean 22.2
RMS 4.342
signal [adc counts]

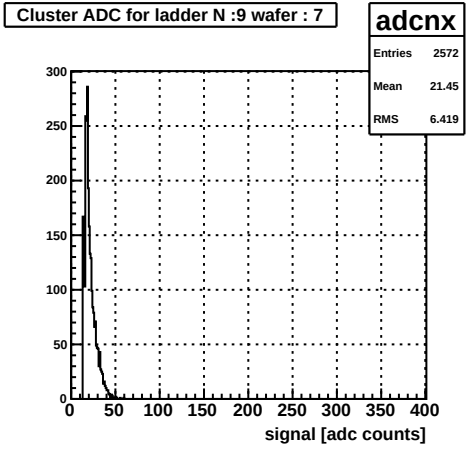

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 4455
Mean 16.29
RMS 3.415
signal [adc counts]

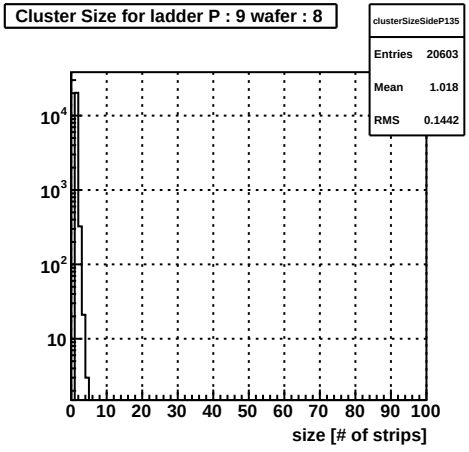

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 20206
Mean 1.018
RMS 0.1391
size [# of strips]

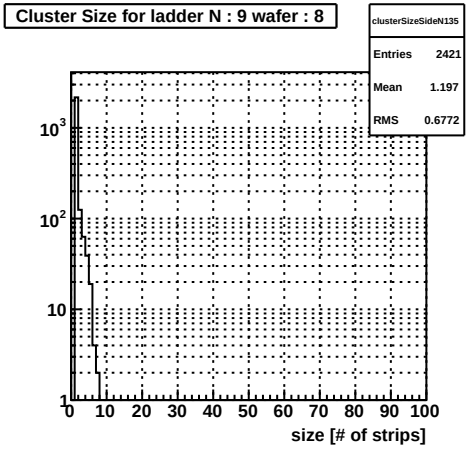

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2572
Mean 1.002
RMS 0.04405
size [# of strips]

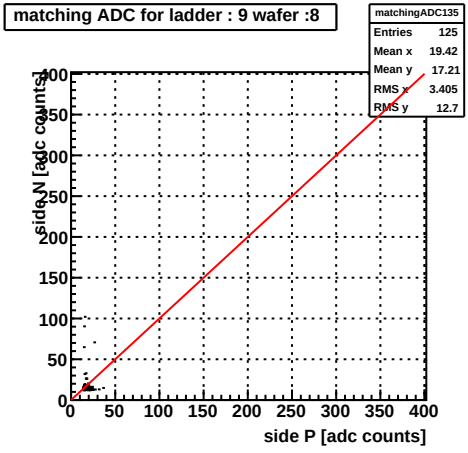

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 213
Mean x 21.72
Mean y 21.75
RMS x 7.276
RMS y 7.493
side N [adc counts]
side P [adc counts]

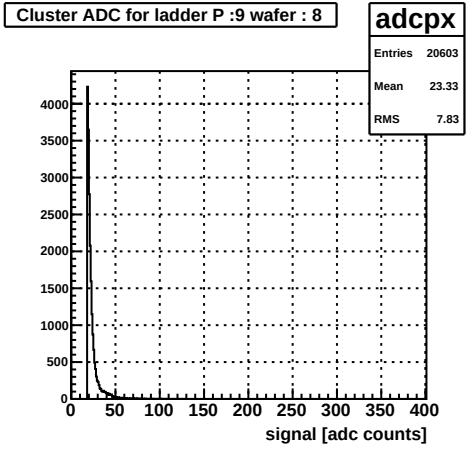

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 20206
Mean 22.46
RMS 5.263
signal [adc counts]

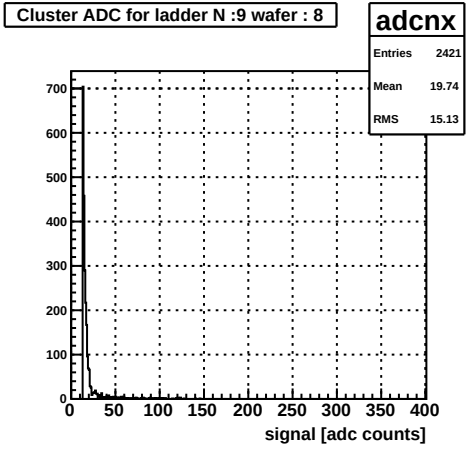

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2572
Mean 21.45
RMS 6.419
signal [adc counts]

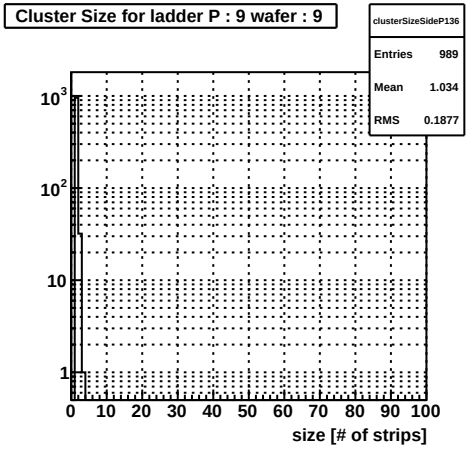

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 20603
Mean 1.018
RMS 0.1442
size [# of strips]

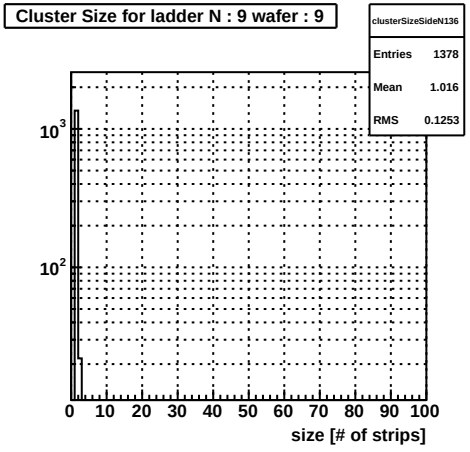

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 2421
Mean 1.197
RMS 0.6772
size [# of strips]

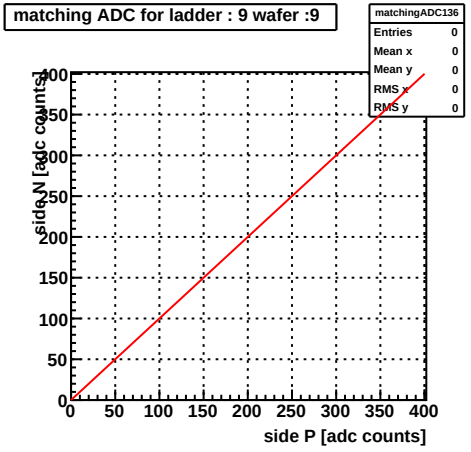

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 125
Mean x 19.42
Mean y 17.21
RMS x 3.405
RMS y 12.7
side N [adc counts]
side P [adc counts]

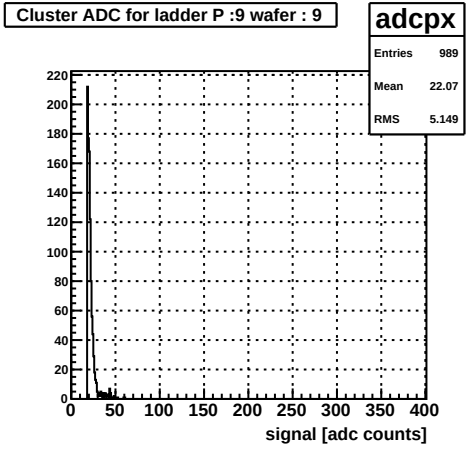

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 20603
Mean 23.33
RMS 7.83
signal [adc counts]

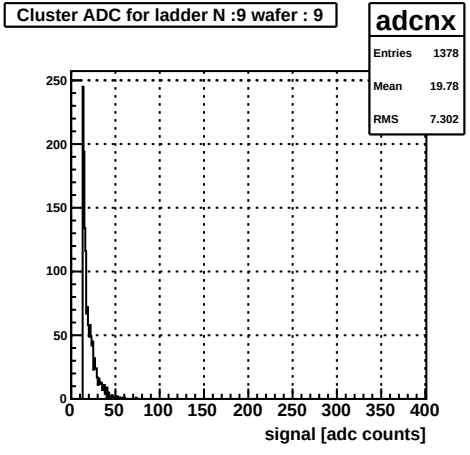

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 2421
Mean 19.74
RMS 15.13
signal [adc counts]

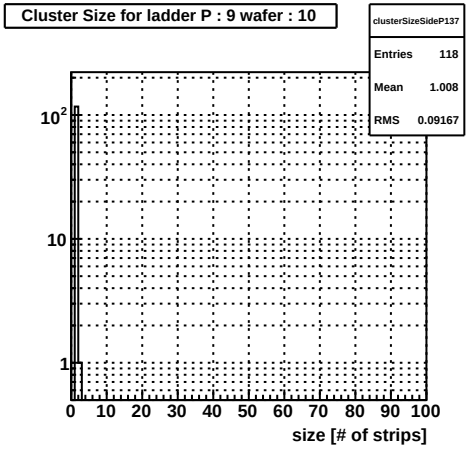

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 989
Mean 1.034
RMS 0.1877
size [# of strips]

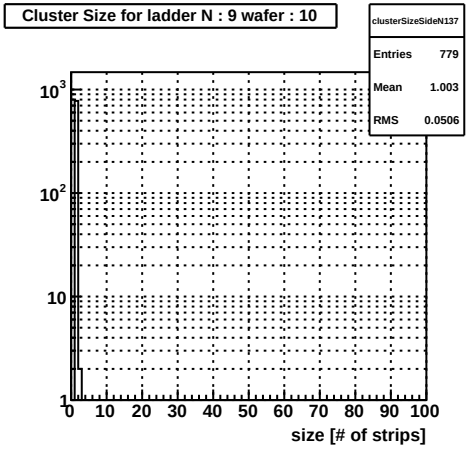

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1378
Mean 1.016
RMS 0.1253
size [# of strips]

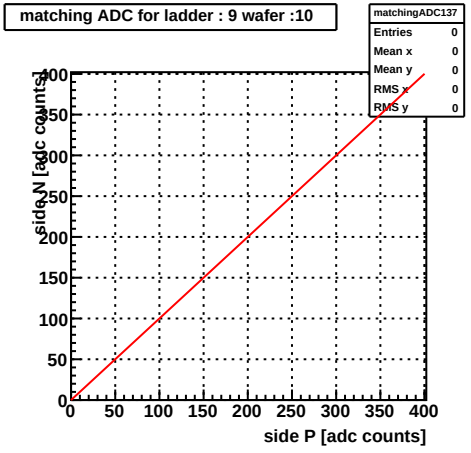

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

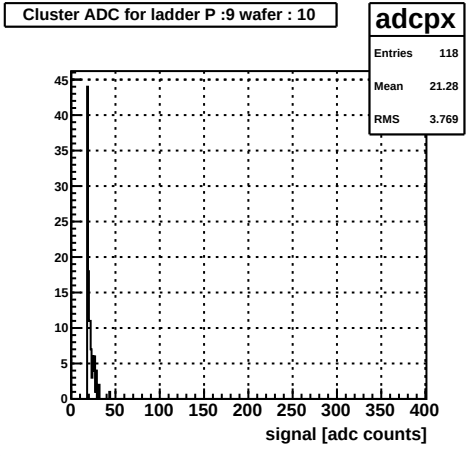

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 989
Mean 22.07
RMS 5.149
signal [adc counts]

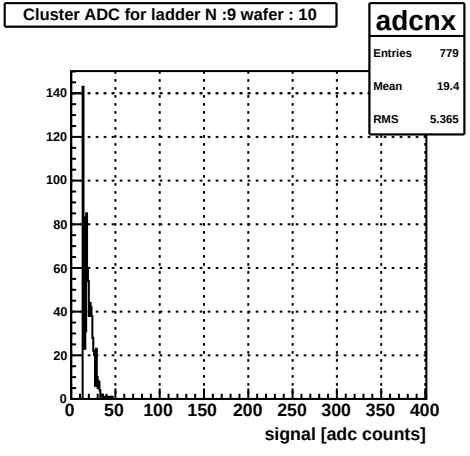

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1378
Mean 19.78
RMS 7.302
signal [adc counts]

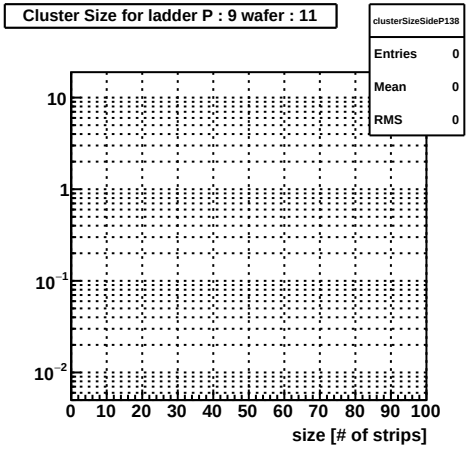

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 118
Mean 1.008
RMS 0.09167
size [# of strips]

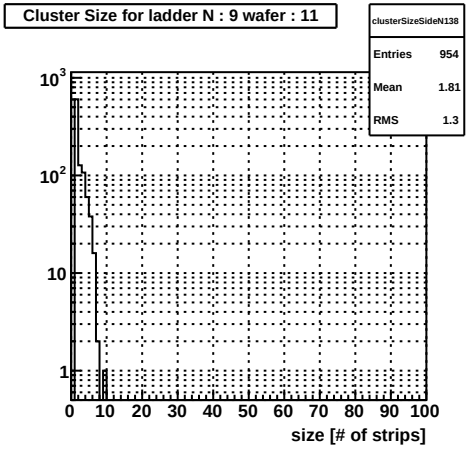

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 779
Mean 1.003
RMS 0.0506
size [# of strips]

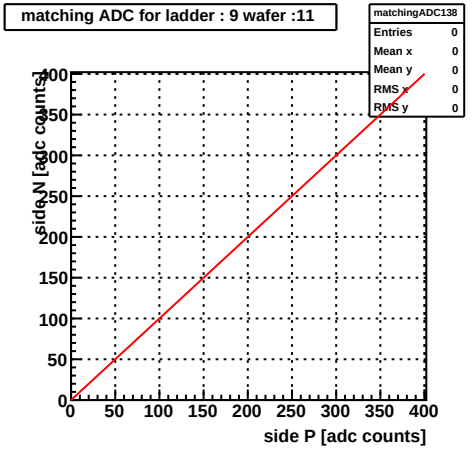

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

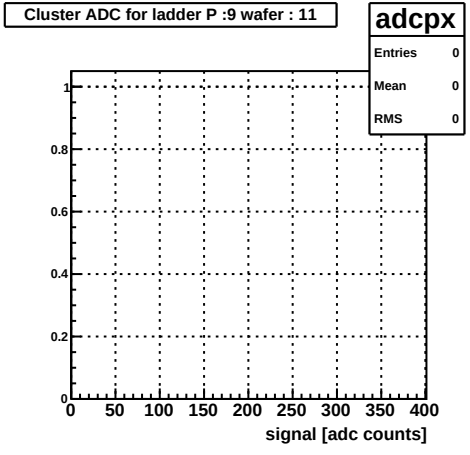

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 118
Mean 21.28
RMS 3.769
signal [adc counts]

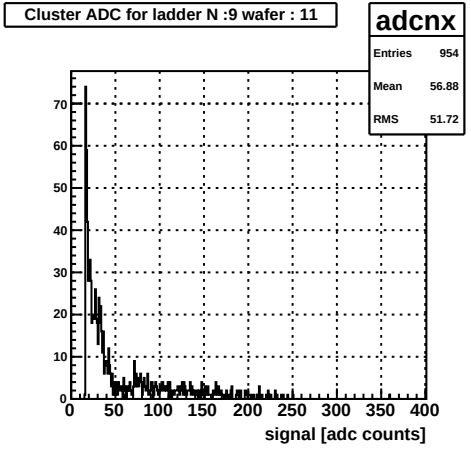

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 779
Mean 19.4
RMS 5.365
signal [adc counts]

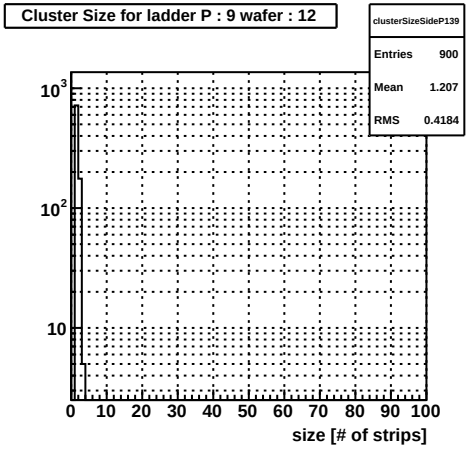

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

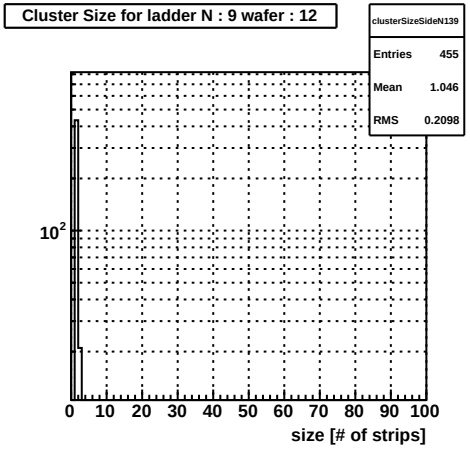

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 954
Mean 1.81
RMS 1.3
size [# of strips]

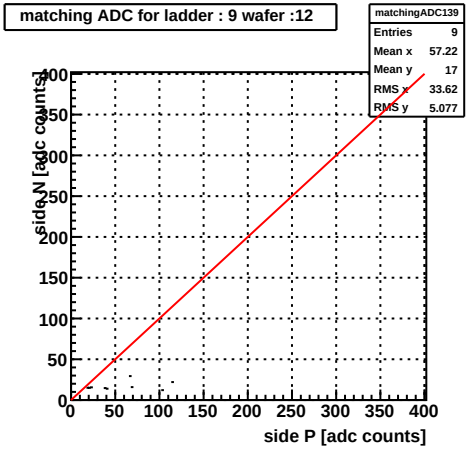

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

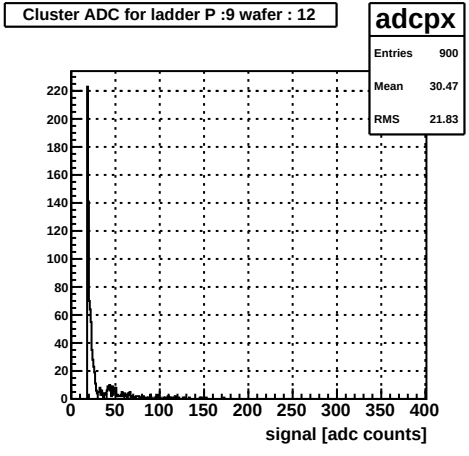

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

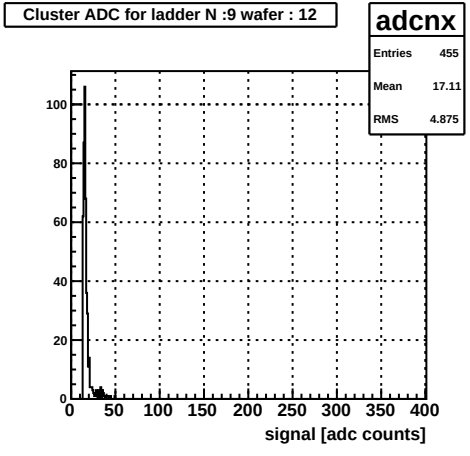

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 954
Mean 56.88
RMS 51.72
signal [adc counts]

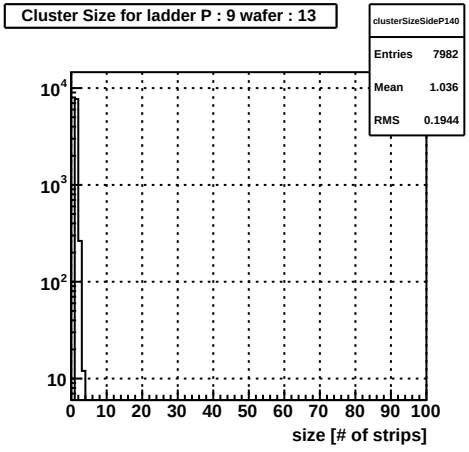

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 900
Mean 1.207
RMS 0.4184
size [# of strips]

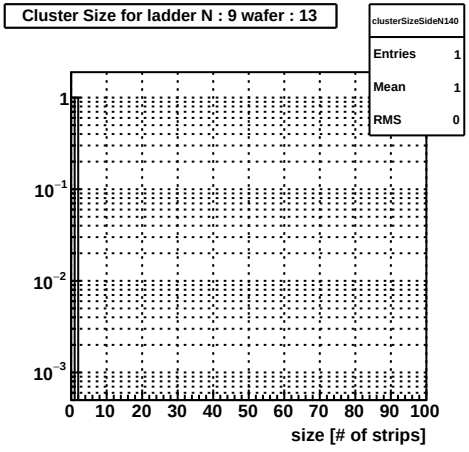

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 455
Mean 1.046
RMS 0.2098
size [# of strips]

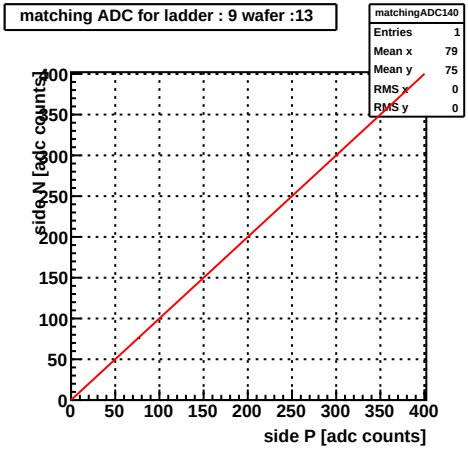

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9
Mean x 57.22
Mean y 17
RMS x 33.62
RMS y 5.077
side N [adc counts]
side P [adc counts]

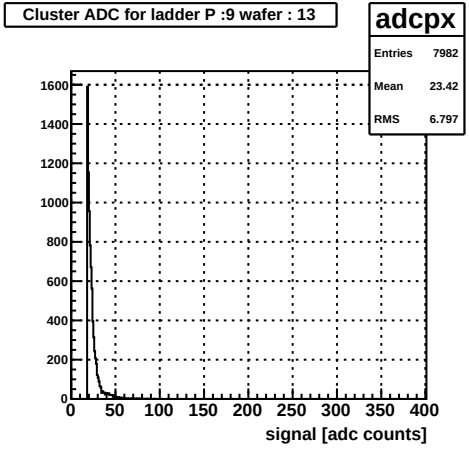

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 900
Mean 30.47
RMS 21.83
signal [adc counts]

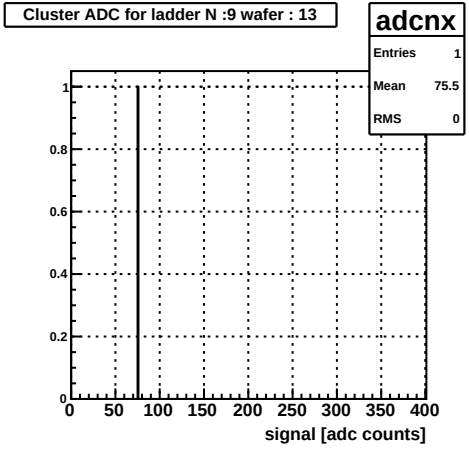

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 455
Mean 17.11
RMS 4.875
signal [adc counts]

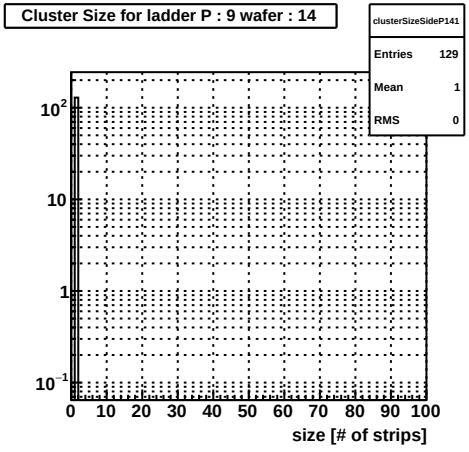

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 7982
Mean 1.036
RMS 0.1944
size [# of strips]

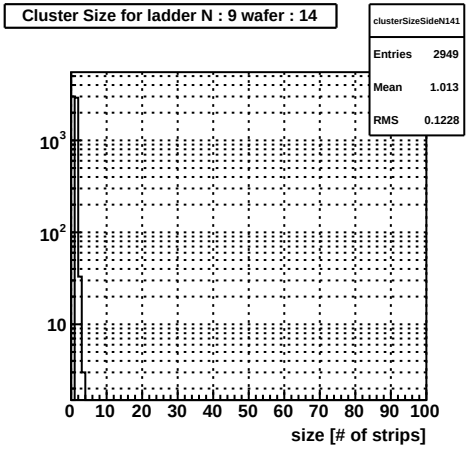

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1
Mean 1
RMS 0
size [# of strips]

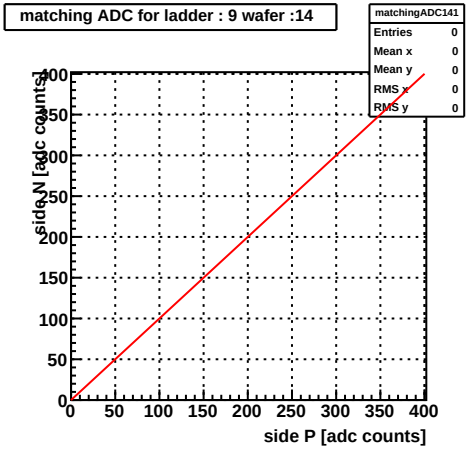

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1
Mean x 79
Mean y 75
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

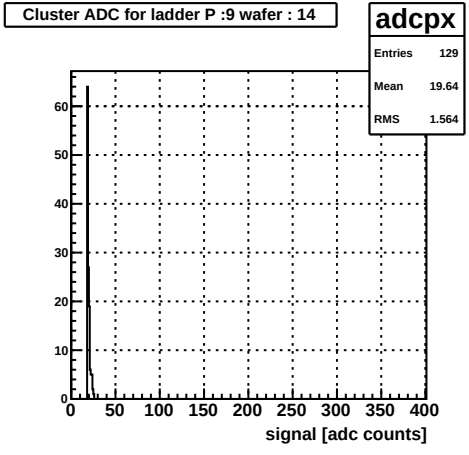

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 7982
Mean 23.42
RMS 6.797
signal [adc counts]

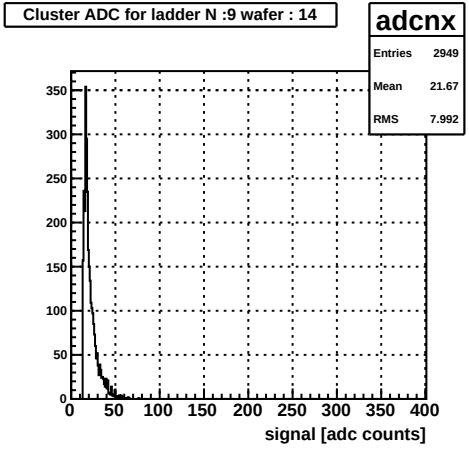

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1
Mean 75.5
RMS 0
signal [adc counts]

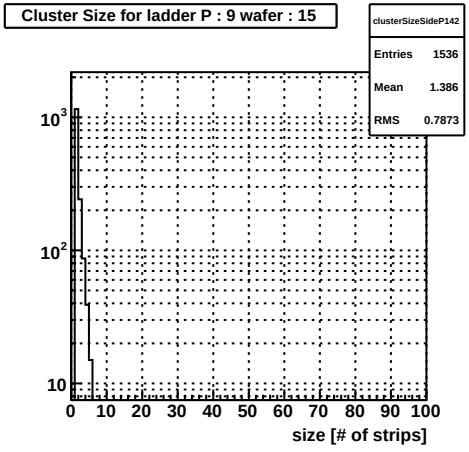

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 129
Mean 1
RMS 0
size [# of strips]

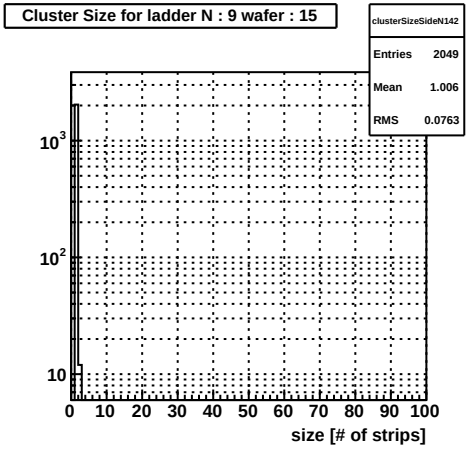

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2949
Mean 1.013
RMS 0.1228
size [# of strips]

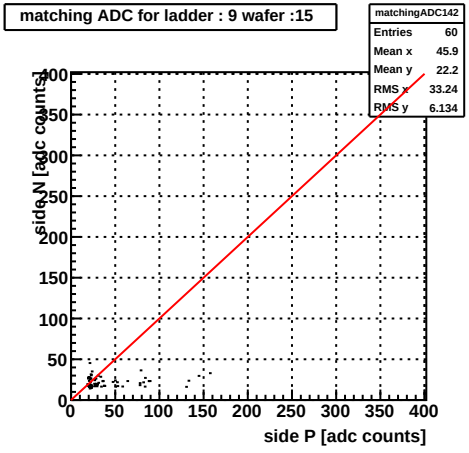

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

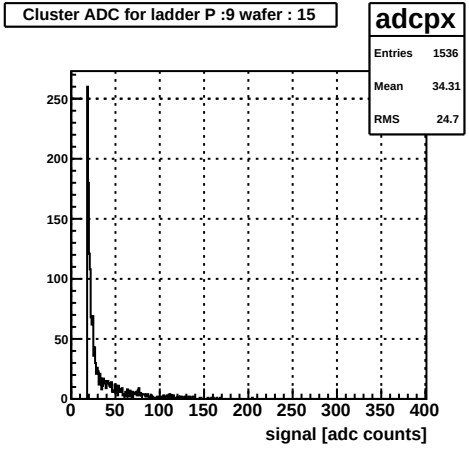

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 129
Mean 19.64
RMS 1.564
signal [adc counts]

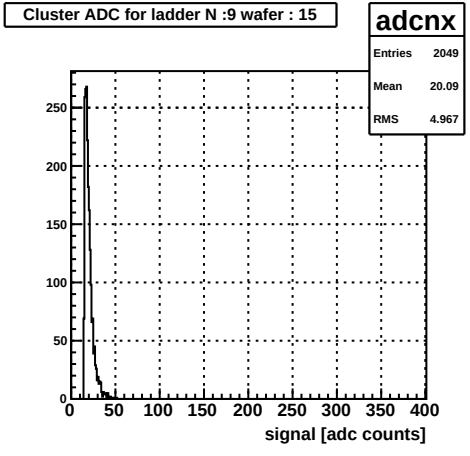

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2949
Mean 21.67
RMS 7.992
signal [adc counts]

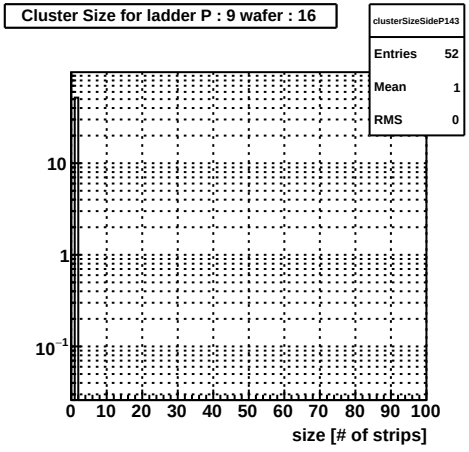

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1536
Mean 1.386
RMS 0.7873
size [# of strips]

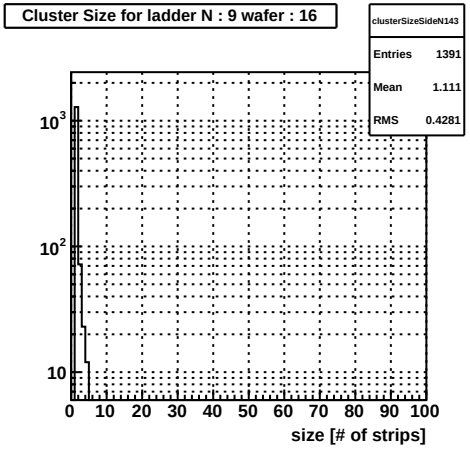

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2049
Mean 1.006
RMS 0.0763
size [# of strips]

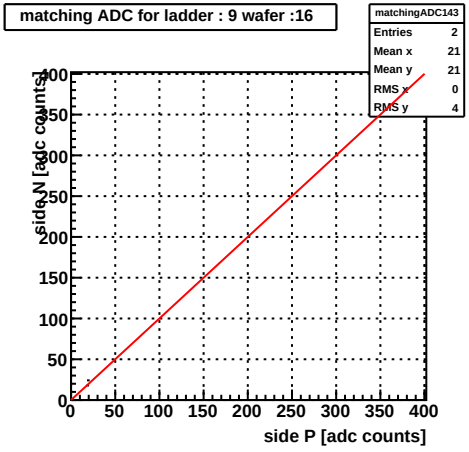

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 60
Mean x 45.9
Mean y 22.2
RMS x 33.24
RMS y 6.134
side N [adc counts]
side P [adc counts]

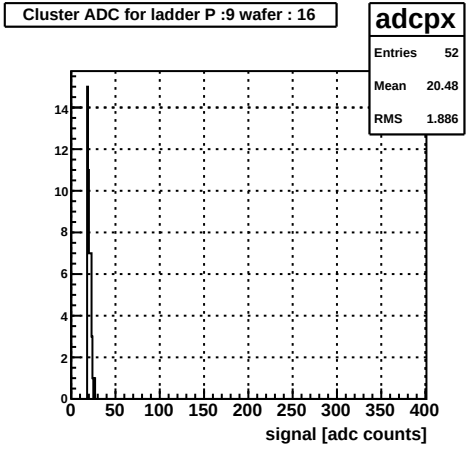

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1536
Mean 34.31
RMS 24.7
signal [adc counts]

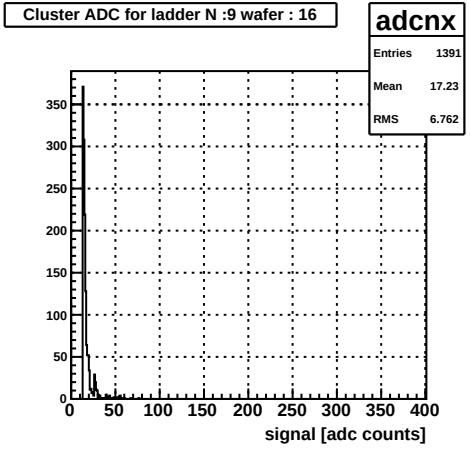

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2049
Mean 20.09
RMS 4.967
signal [adc counts]

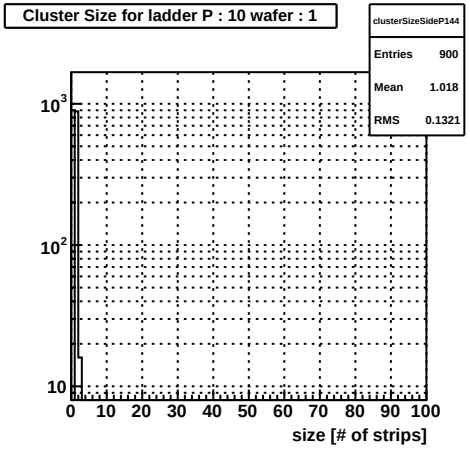

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 52
Mean 1
RMS 0
size [# of strips]

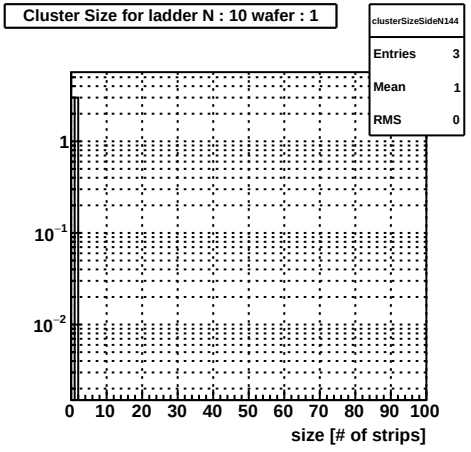

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1391
Mean 1.111
RMS 0.4281
size [# of strips]

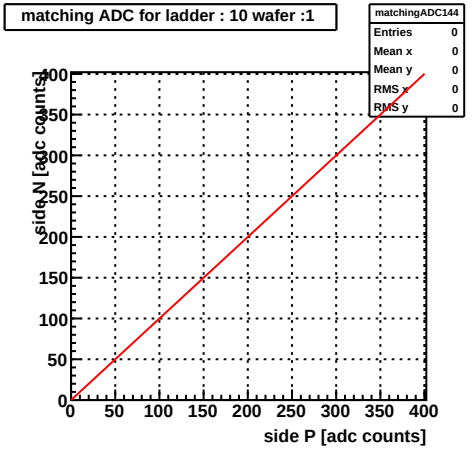

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2
Mean x 21
Mean y 21
RMS x 0
RMS y 4
side N [adc counts]
side P [adc counts]

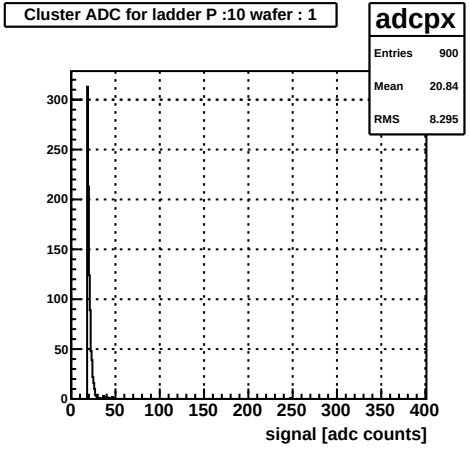

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 52
Mean 20.48
RMS 1.886
signal [adc counts]

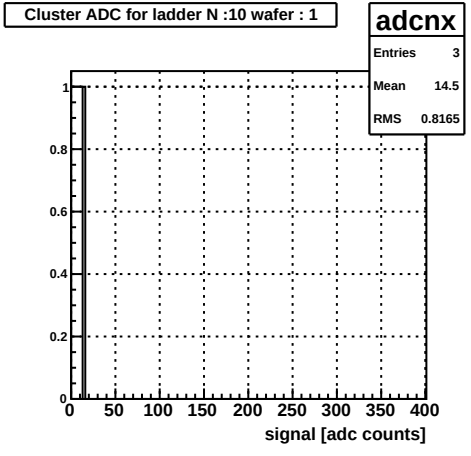

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1391
Mean 17.23
RMS 6.762
signal [adc counts]

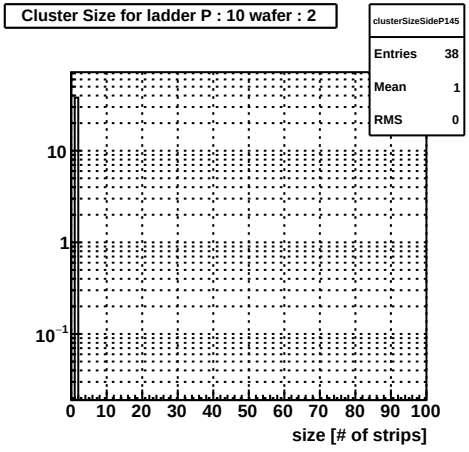

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 900
Mean 1.018
RMS 0.1321
size [# of strips]

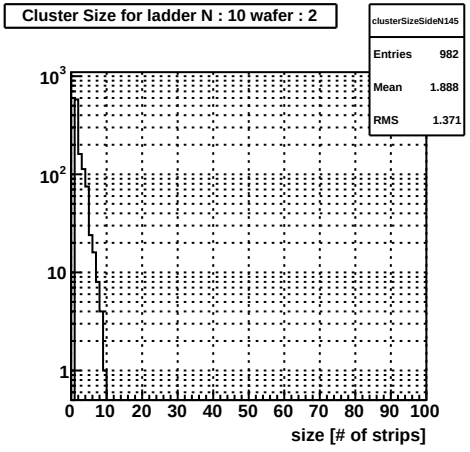

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3
Mean 1
RMS 0
size [# of strips]

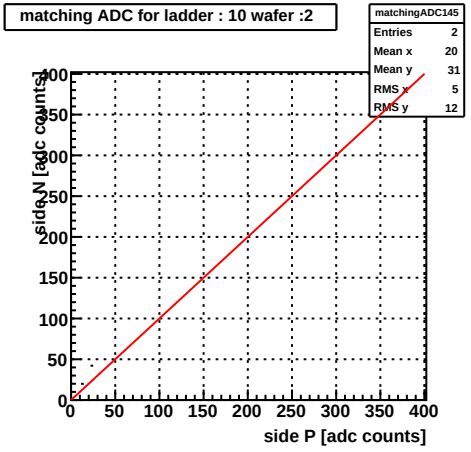

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

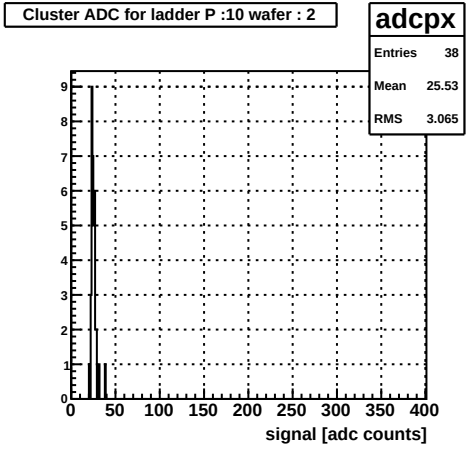

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 900
Mean 20.84
RMS 8.295
signal [adc counts]

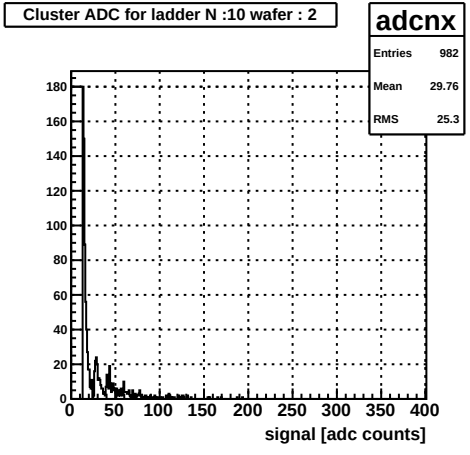

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3
Mean 14.5
RMS 0.8165
signal [adc counts]

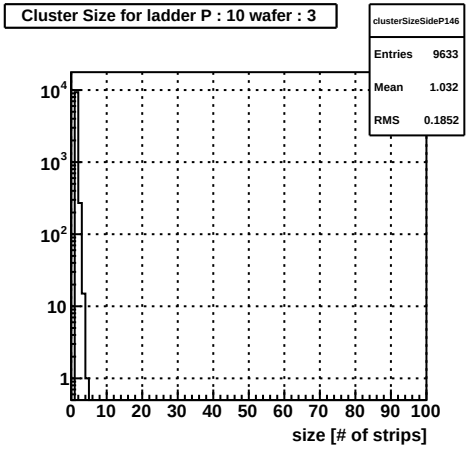

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 38
Mean 1
RMS 0
size [# of strips]

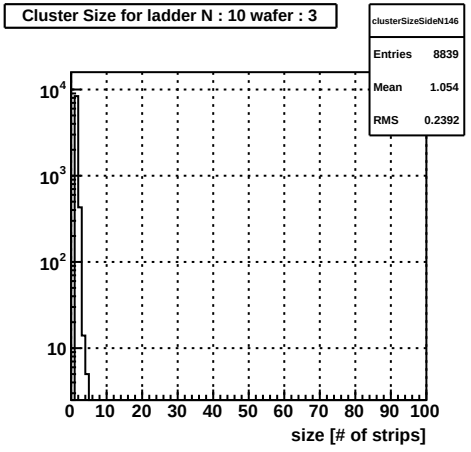

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 982
Mean 1.888
RMS 1.371
size [# of strips]

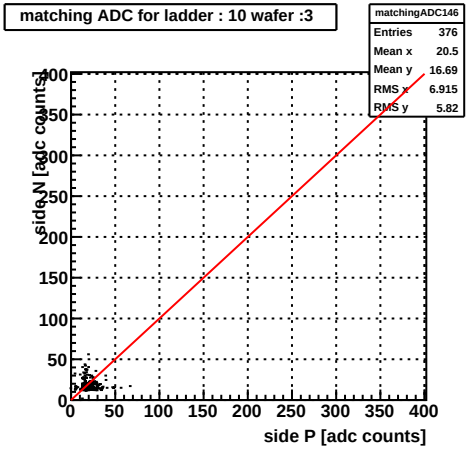

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 2
Mean x 20
Mean y 31
RMS x 5
RMS y 12
side N [adc counts]
side P [adc counts]

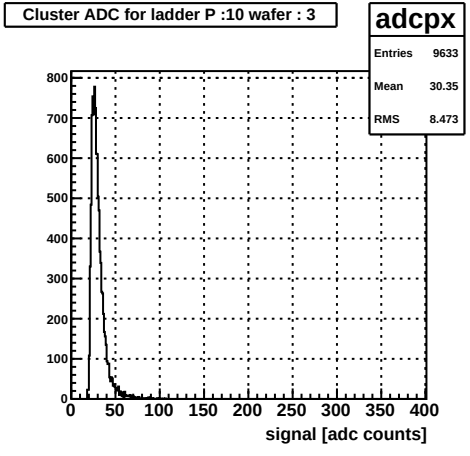

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 38
Mean 25.53
RMS 3.065
signal [adc counts]

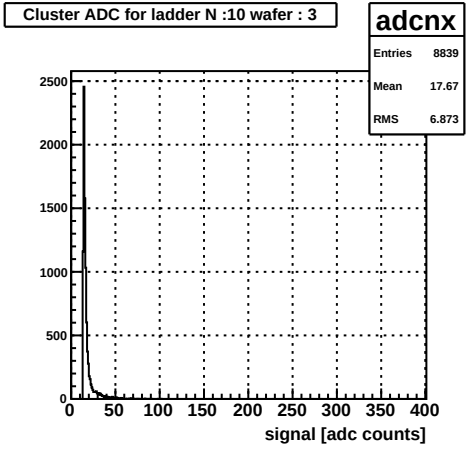

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 982
Mean 29.76
RMS 25.3
signal [adc counts]

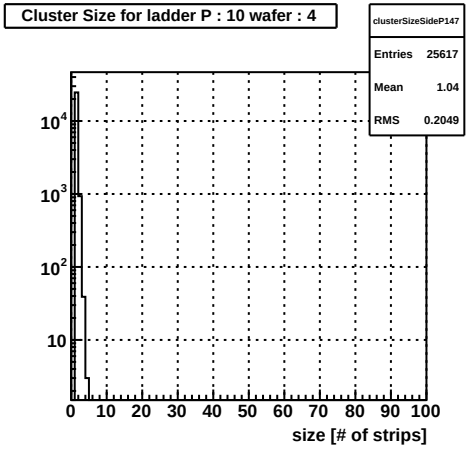

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 9633
Mean 1.032
RMS 0.1852
size [# of strips]

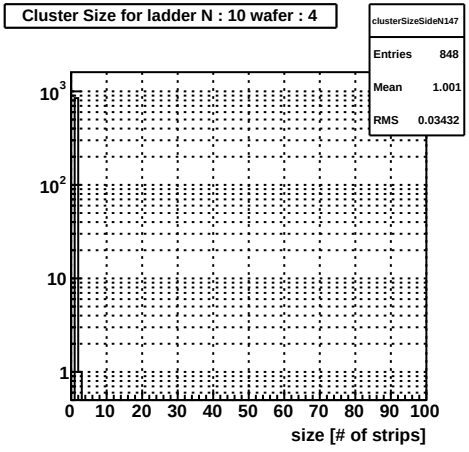

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 8839
Mean 1.054
RMS 0.2392
size [# of strips]

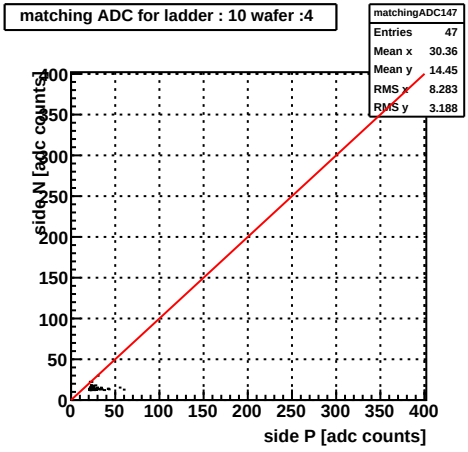

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 376
Mean x 20.5
Mean y 16.69
RMS x 6.915
RMS y 5.82
side N [adc counts]
side P [adc counts]

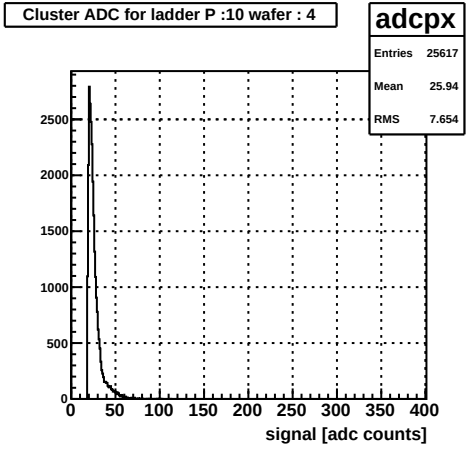

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 9633
Mean 30.35
RMS 8.473
signal [adc counts]

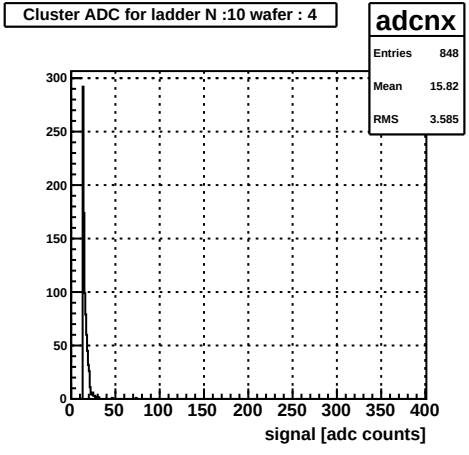

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 8839
Mean 17.67
RMS 6.873
signal [adc counts]

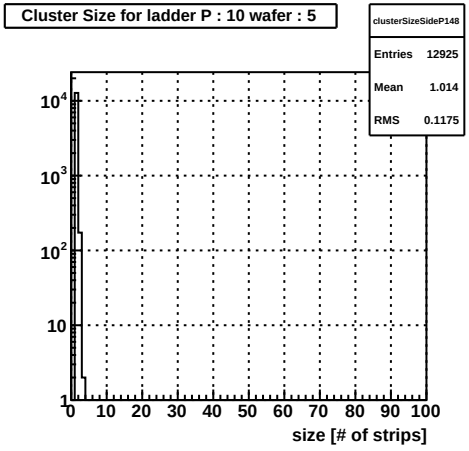

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 25617
Mean 1.04
RMS 0.2049
size [# of strips]

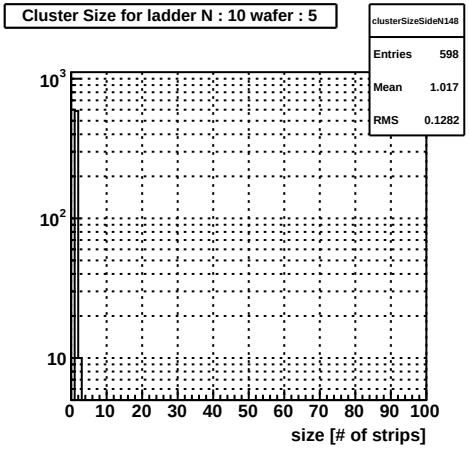

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 848
Mean 1.001
RMS 0.03432
size [# of strips]

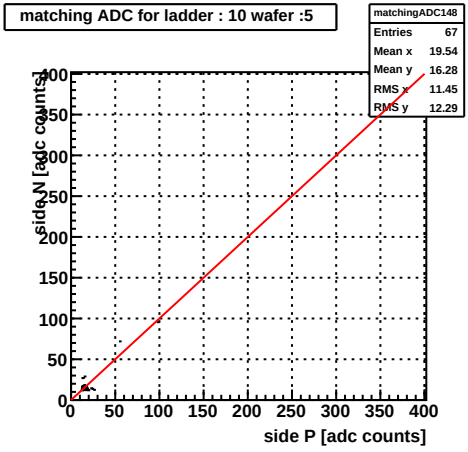

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 47
Mean x 30.36
Mean y 14.45
RMS x 8.283
RMS y 3.188
side N [adc counts]
side P [adc counts]

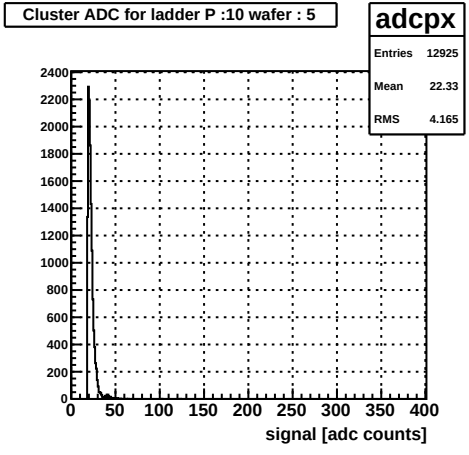

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 25617
Mean 25.94
RMS 7.654
signal [adc counts]

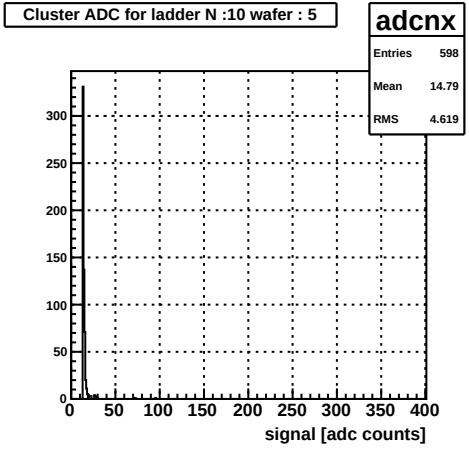

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 848
Mean 15.82
RMS 3.585
signal [adc counts]

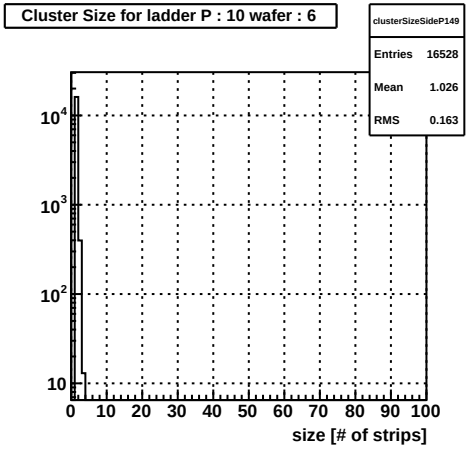

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 12925
Mean 1.014
RMS 0.1175
size [# of strips]

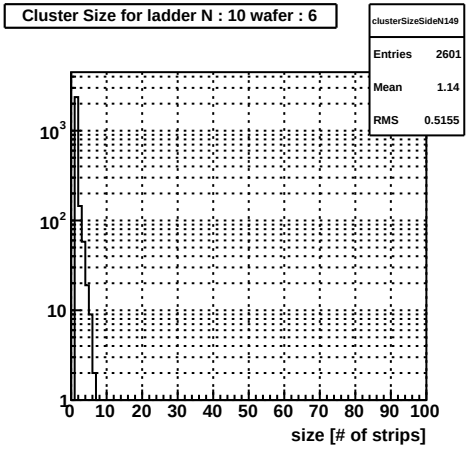

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 598
Mean 1.017
RMS 0.1282
size [# of strips]

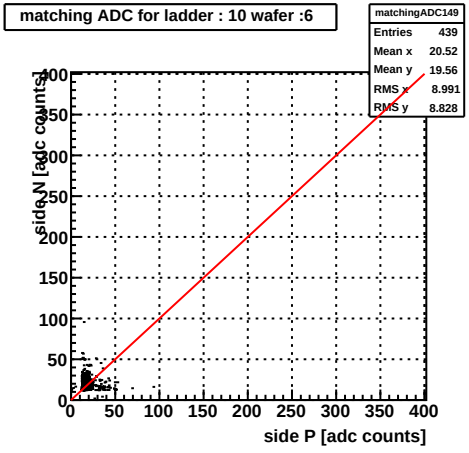

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 67
Mean x 19.54
Mean y 16.28
RMS x 11.45
RMS y 12.29
side N [adc counts]
side P [adc counts]

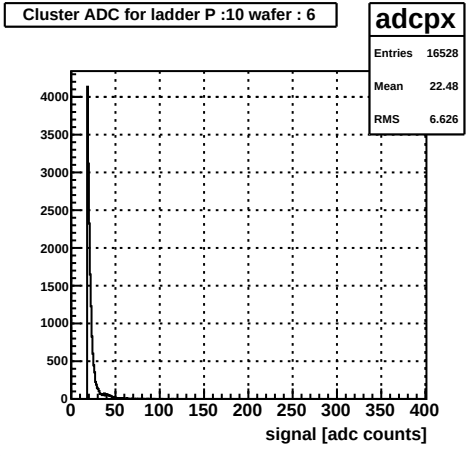

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 12925
Mean 22.33
RMS 4.165
signal [adc counts]

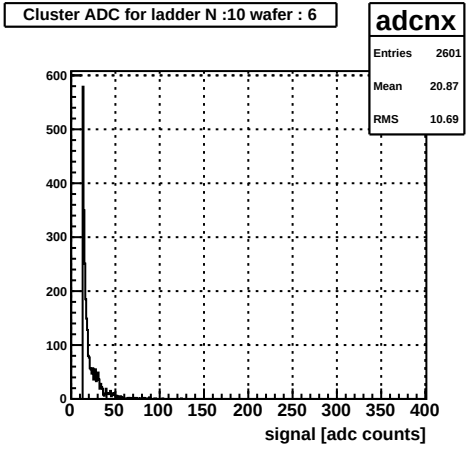

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 598
Mean 14.79
RMS 4.619
signal [adc counts]

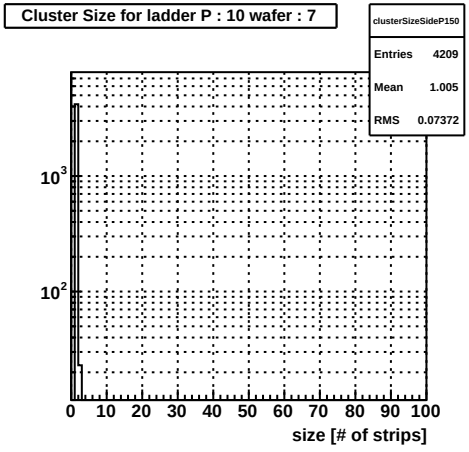

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 16528
Mean 1.026
RMS 0.163
size [# of strips]

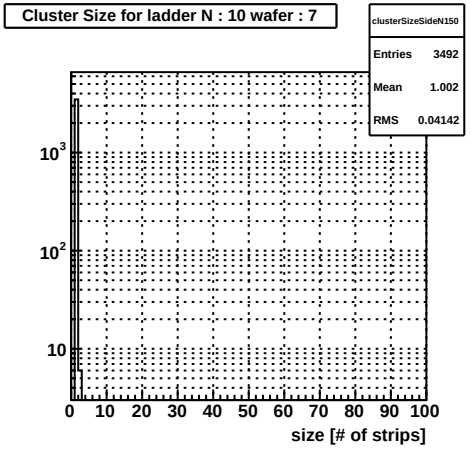

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2601
Mean 1.14
RMS 0.5155
size [# of strips]

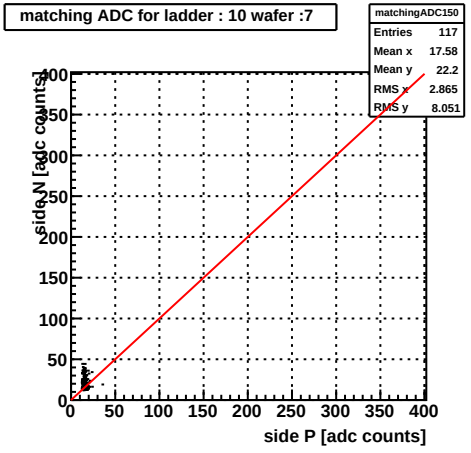

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 439
Mean x 20.52
Mean y 19.56
RMS x 8.991
RMS y 8.828
side N [adc counts]
side P [adc counts]

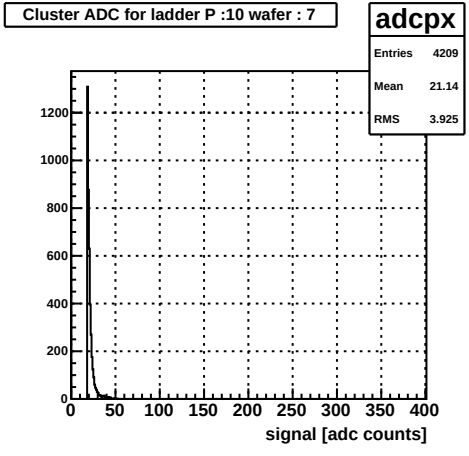

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 16528
Mean 22.48
RMS 6.626
signal [adc counts]

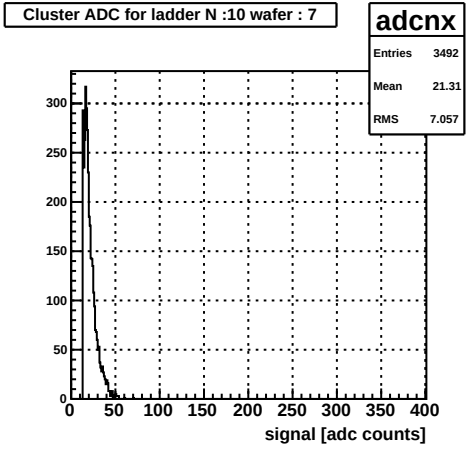

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2601
Mean 20.87
RMS 10.69
signal [adc counts]

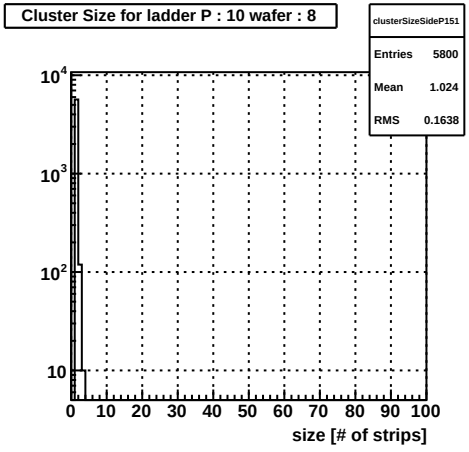

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 4209
Mean 1.005
RMS 0.07372
size [# of strips]

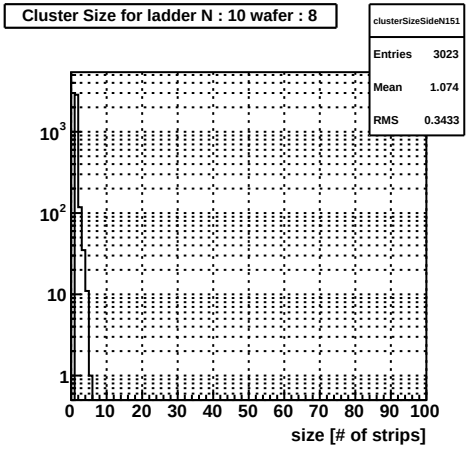

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3492
Mean 1.002
RMS 0.04142
size [# of strips]

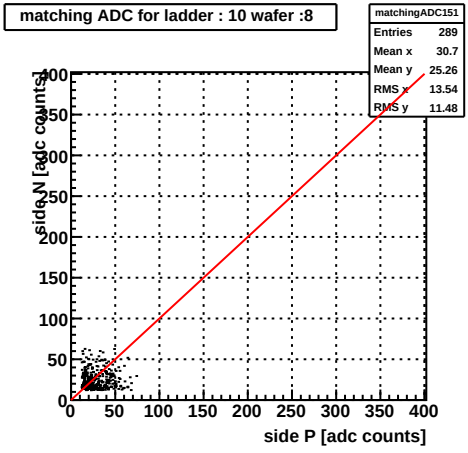

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 117
Mean x 17.58
Mean y 22.2
RMS x 2.865
RMS y 8.051
side N [adc counts]
side P [adc counts]

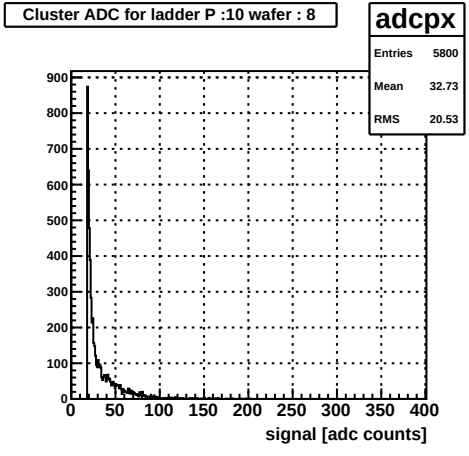

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 4209
Mean 21.14
RMS 3.925
signal [adc counts]

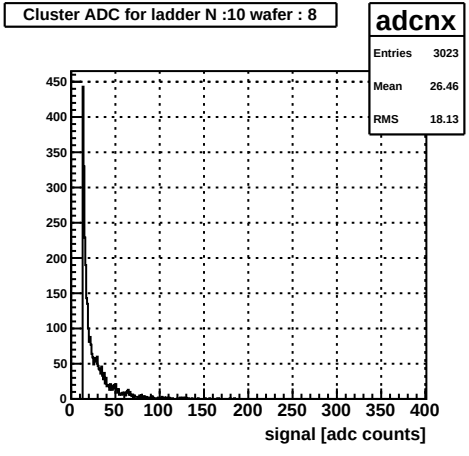

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3492
Mean 21.31
RMS 7.057
signal [adc counts]

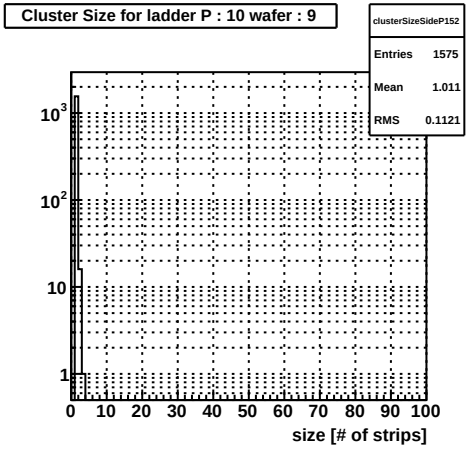

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 5800
Mean 1.024
RMS 0.1638
size [# of strips]

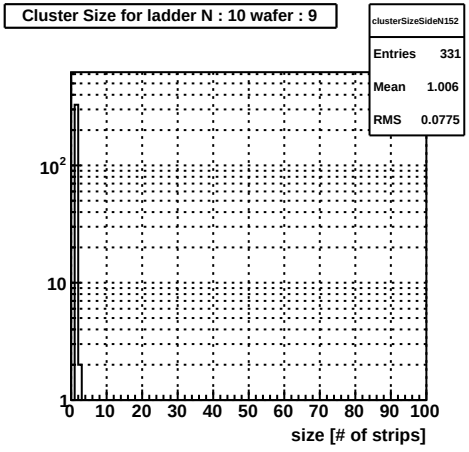

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3023
Mean 1.074
RMS 0.3433
size [# of strips]

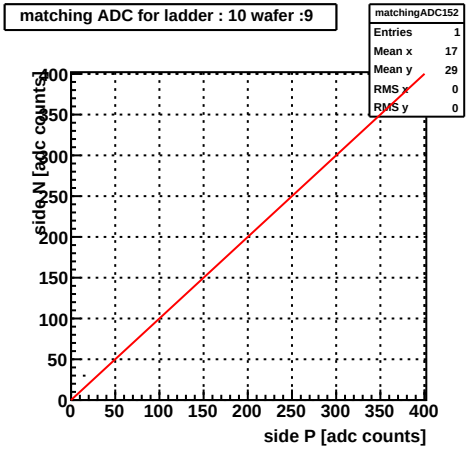

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 289
Mean x 30.7
Mean y 25.26
RMS x 13.54
RMS y 11.48
side N [adc counts]
side P [adc counts]

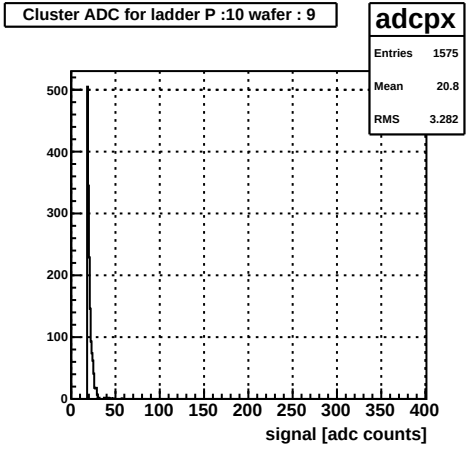

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 5800
Mean 32.73
RMS 20.53
signal [adc counts]

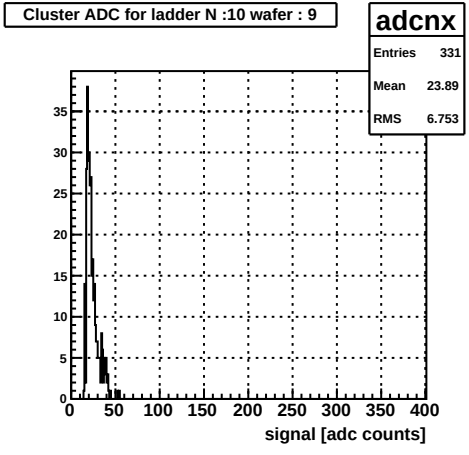

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3023
Mean 26.46
RMS 18.13
signal [adc counts]

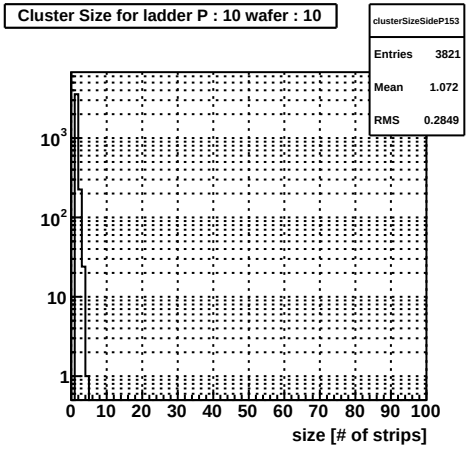

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1575
Mean 1.011
RMS 0.1121
size [# of strips]

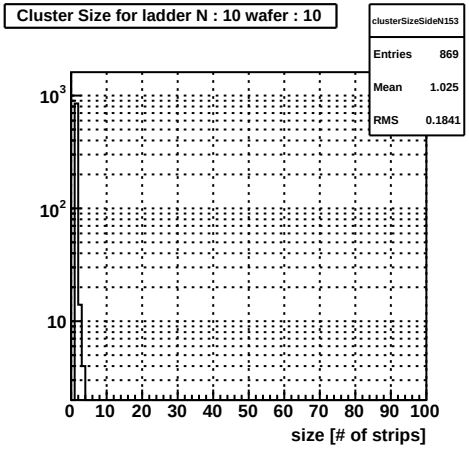

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 331
Mean 1.006
RMS 0.0775
size [# of strips]

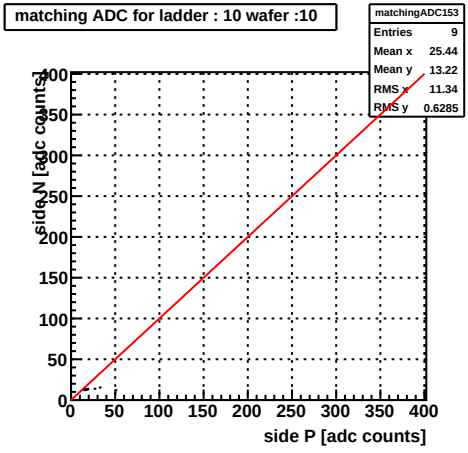

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1
Mean x 17
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

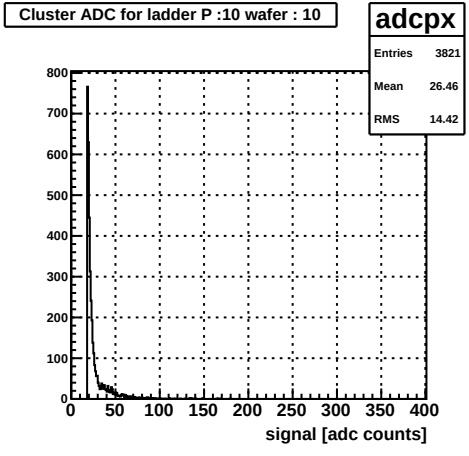

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1575
Mean 20.8
RMS 3.282
signal [adc counts]

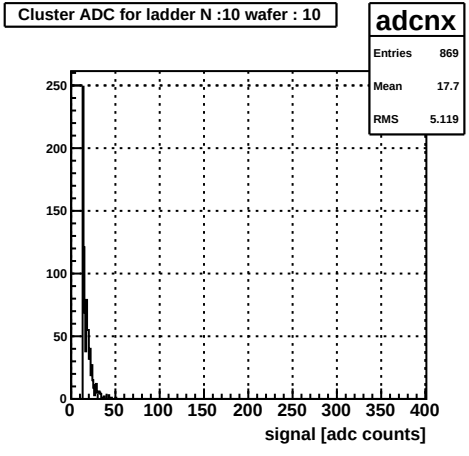

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 331
Mean 23.89
RMS 6.753
signal [adc counts]

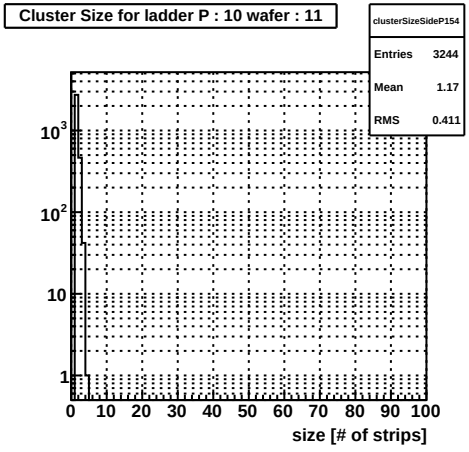

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3821
Mean 1.072
RMS 0.2849
size [# of strips]

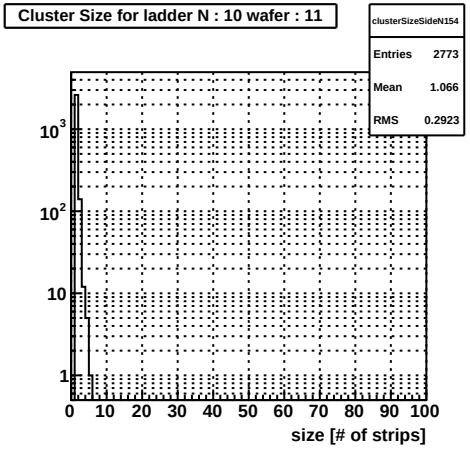

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 869
Mean 1.025
RMS 0.1841
size [# of strips]

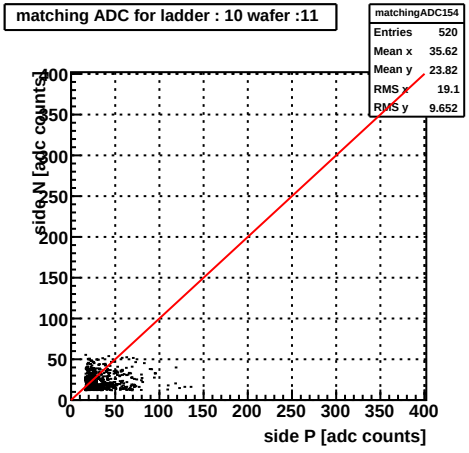

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 9
Mean x 25.44
Mean y 13.22
RMS x 11.34
RMS y 0.6285
side N [adc counts]
side P [adc counts]

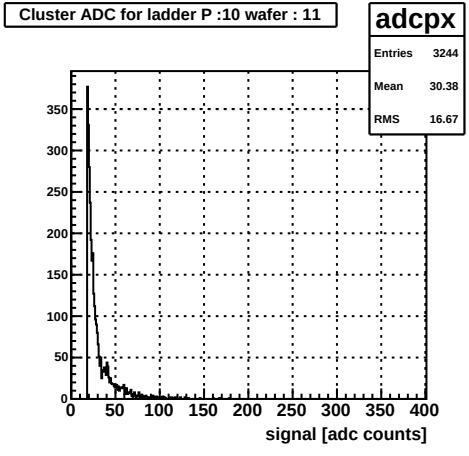

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3821
Mean 26.46
RMS 14.42
signal [adc counts]

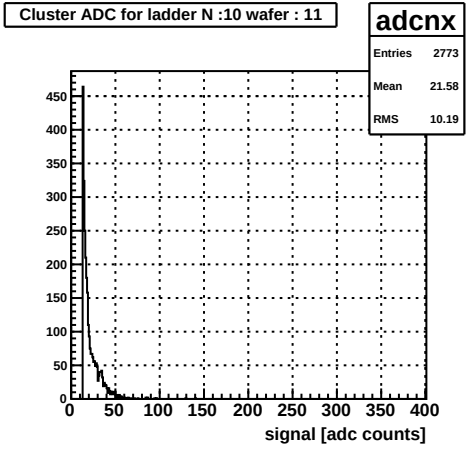

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 869
Mean 17.7
RMS 5.119
signal [adc counts]

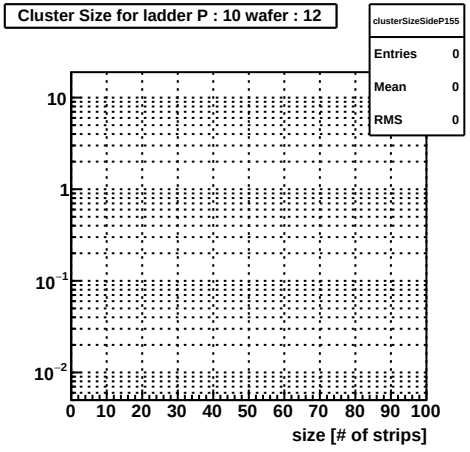

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3244
Mean 1.17
RMS 0.411
size [# of strips]

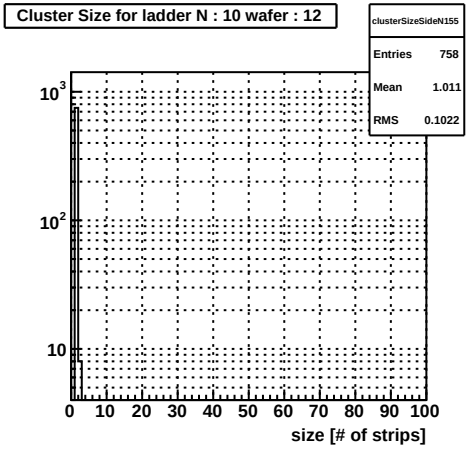

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2773
Mean 1.066
RMS 0.2923
size [# of strips]

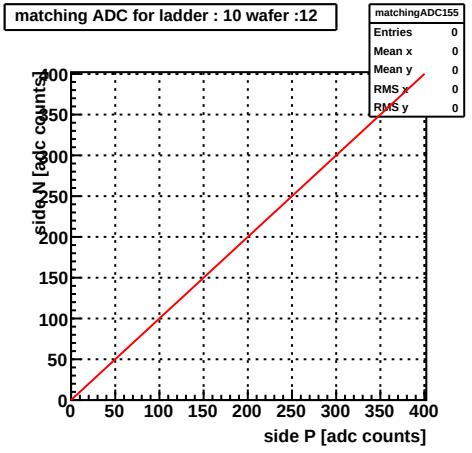

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 520
Mean x 35.62
Mean y 23.82
RMS x 19.1
RMS y 9.652
side N [adc counts]
side P [adc counts]

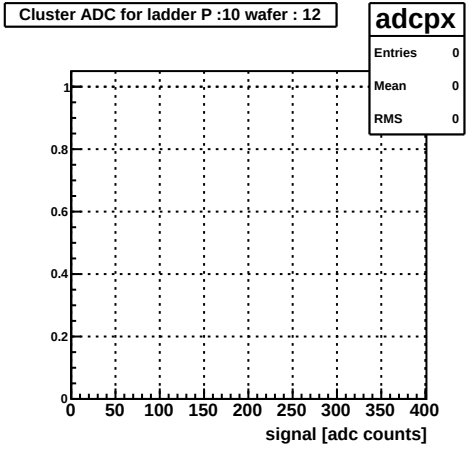

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3244
Mean 30.38
RMS 16.67
signal [adc counts]

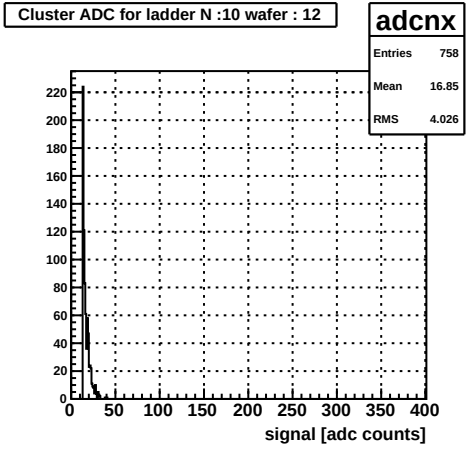

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2773
Mean 21.58
RMS 10.19
signal [adc counts]

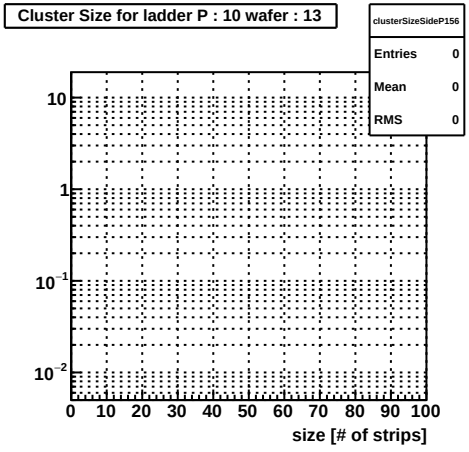

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

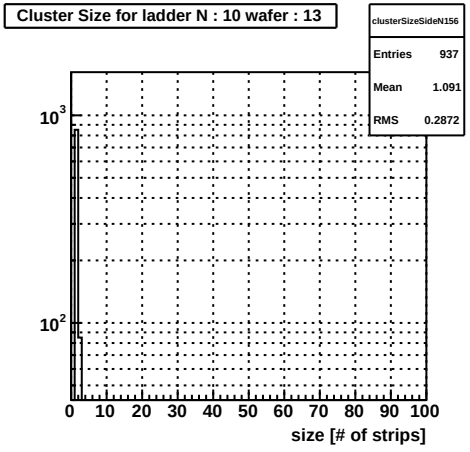

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 758
Mean 1.011
RMS 0.1022
size [# of strips]

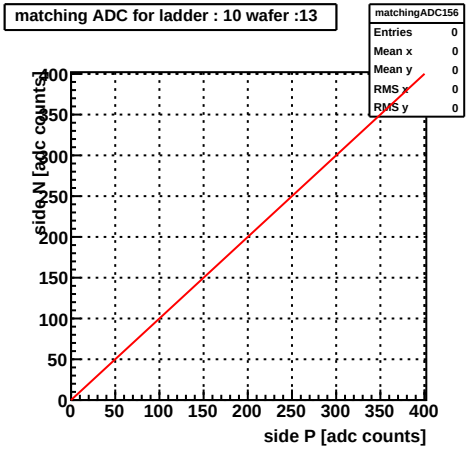

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

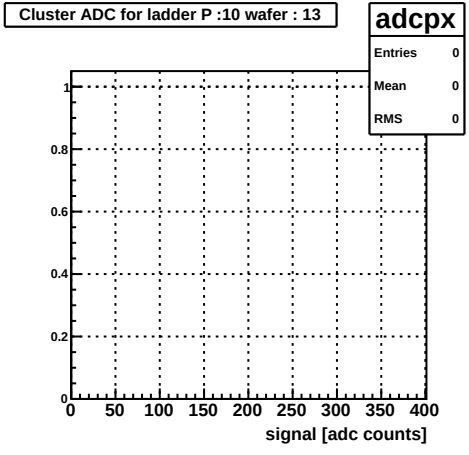

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

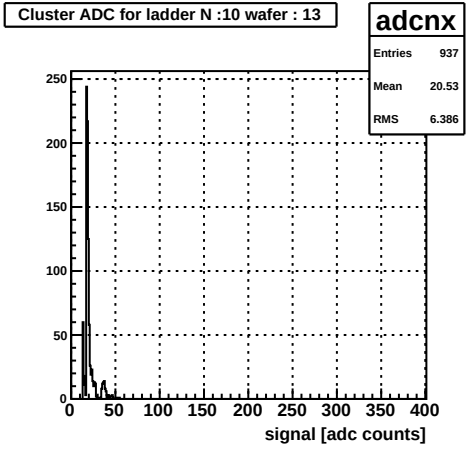

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 758
Mean 16.85
RMS 4.026
signal [adc counts]

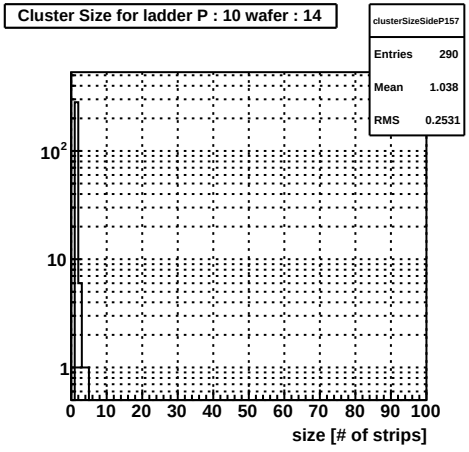

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

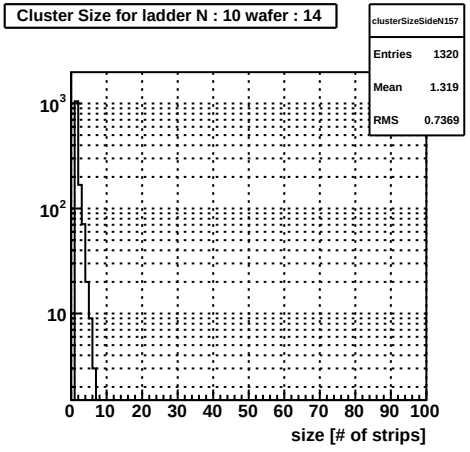

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 937
Mean 1.091
RMS 0.2872
size [# of strips]

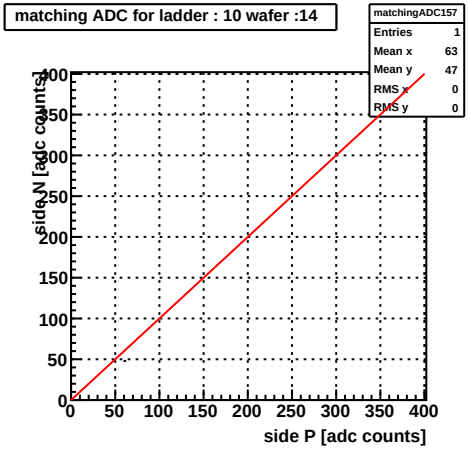

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

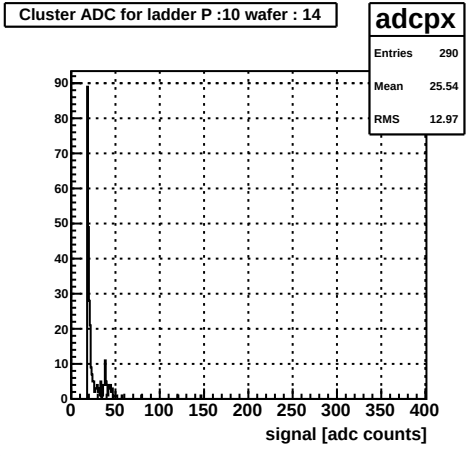

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

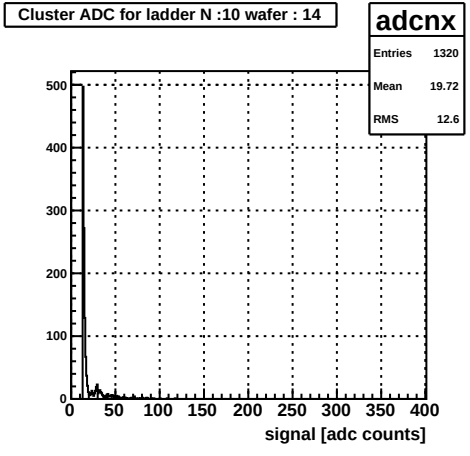

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 937
Mean 20.53
RMS 6.386
signal [adc counts]

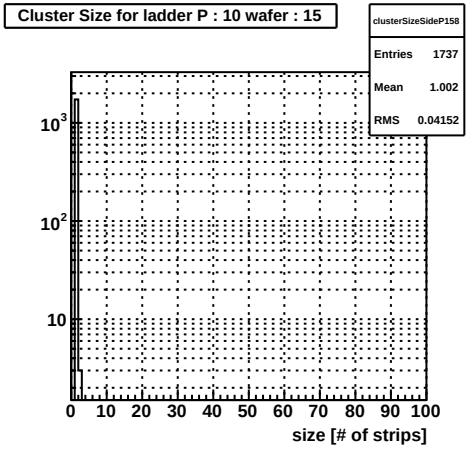

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 290
Mean 1.038
RMS 0.2531
size [# of strips]

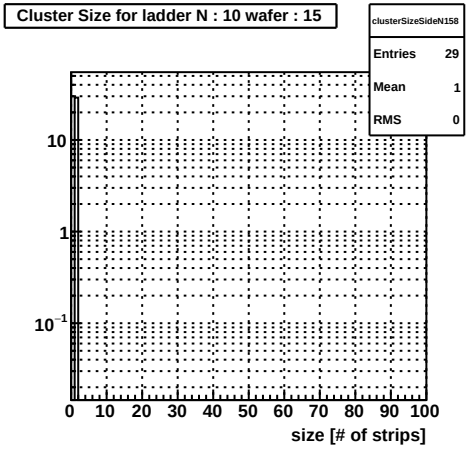

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1320
Mean 1.319
RMS 0.7369
size [# of strips]

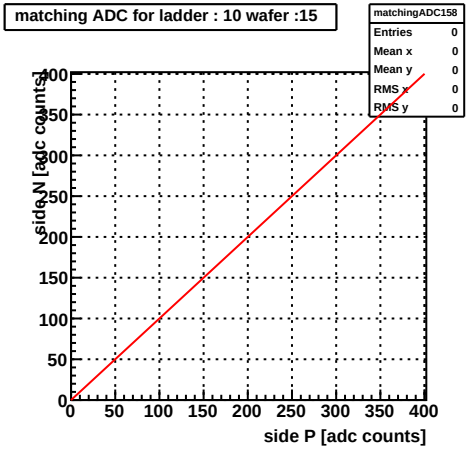

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 1
Mean x 63
Mean y 47
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

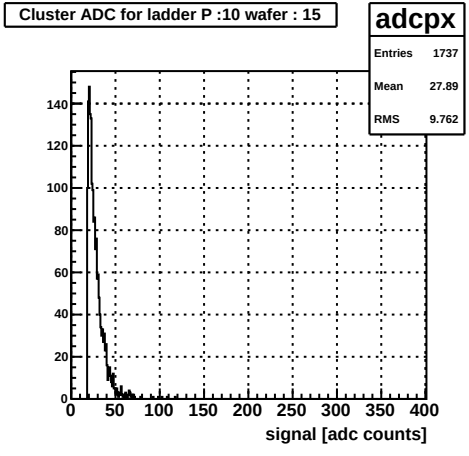

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 290
Mean 25.54
RMS 12.97
signal [adc counts]

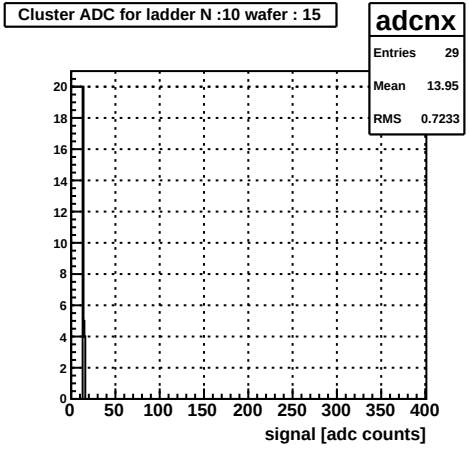

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1320
Mean 19.72
RMS 12.6
signal [adc counts]

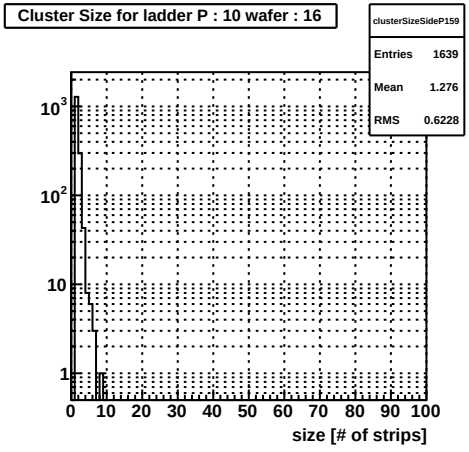

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1737
Mean 1.002
RMS 0.04152
size [# of strips]

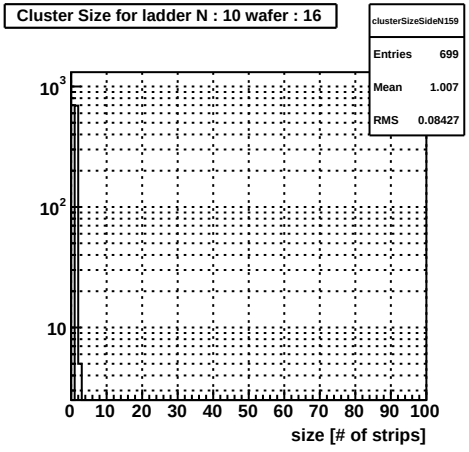

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 29
Mean 1
RMS 0
size [# of strips]

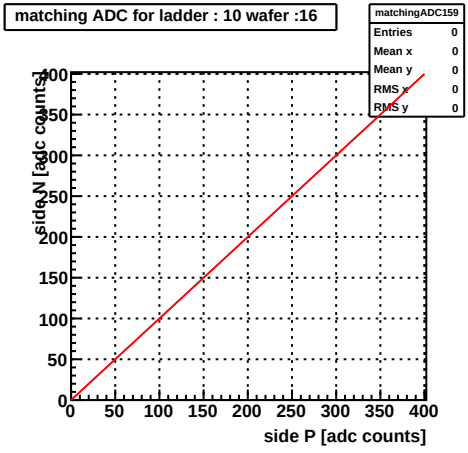

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

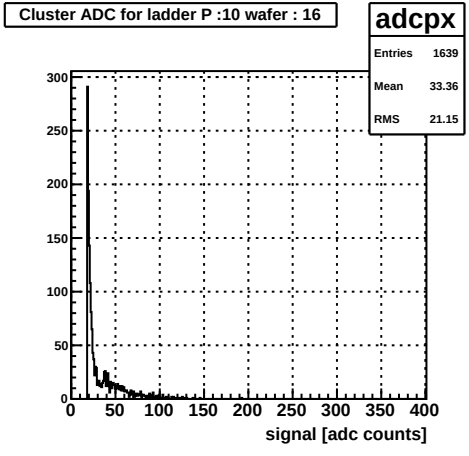

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1737
Mean 27.89
RMS 9.762
signal [adc counts]

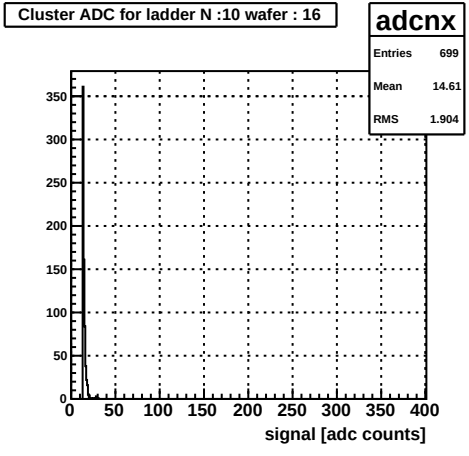

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 29
Mean 13.95
RMS 0.7233
signal [adc counts]

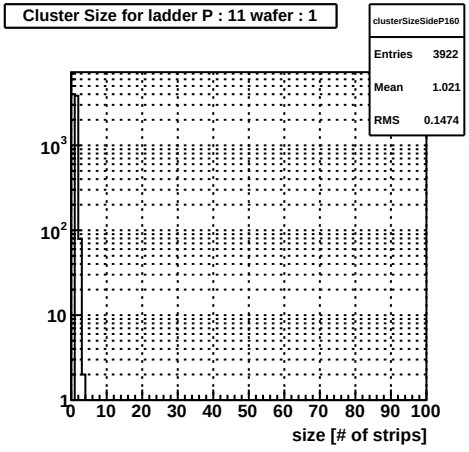

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1639
Mean 1.276
RMS 0.6228
size [# of strips]

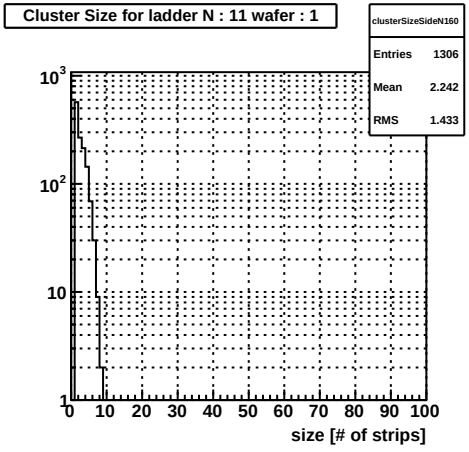

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 699
Mean 1.007
RMS 0.08427
size [# of strips]

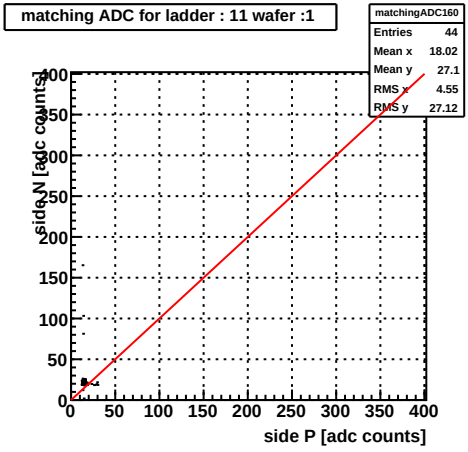

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

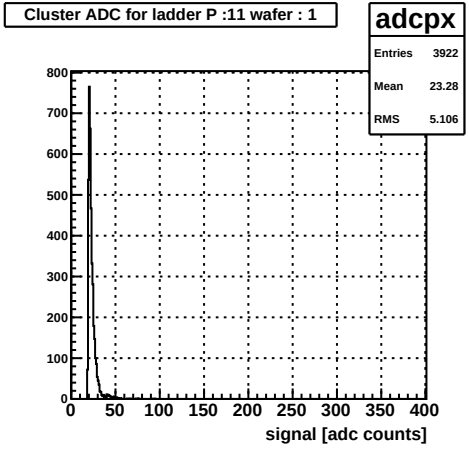

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1639
Mean 33.36
RMS 21.15
signal [adc counts]

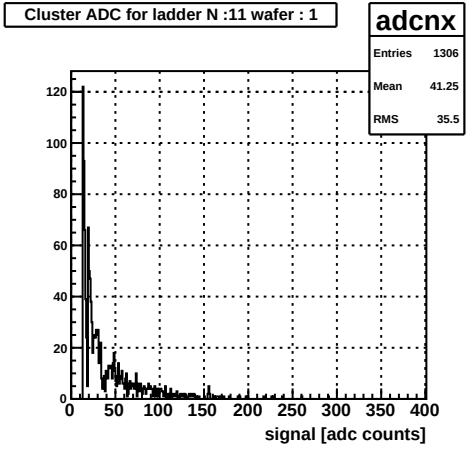

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 699
Mean 14.61
RMS 1.904
signal [adc counts]

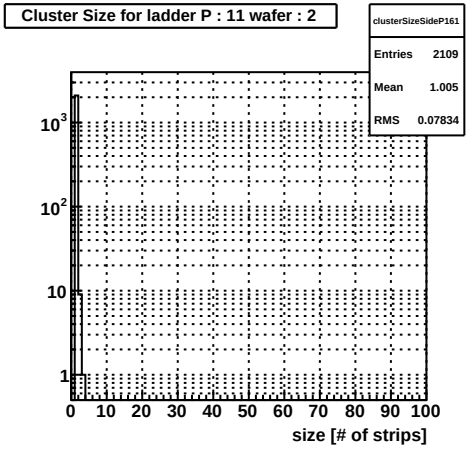

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3922
Mean 1.021
RMS 0.1474
size [# of strips]

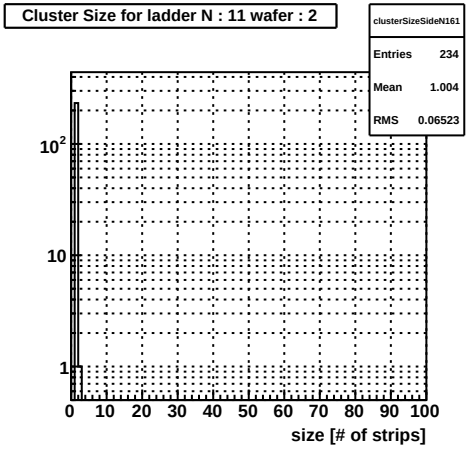

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1306
Mean 2.242
RMS 1.433
size [# of strips]

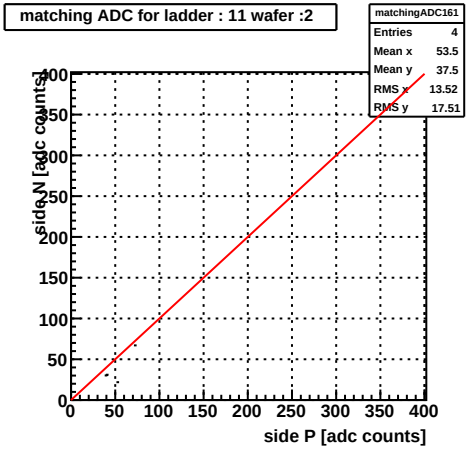

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 44
Mean x 18.02
Mean y 27.1
RMS x 4.55
RMS y 27.12
side N [adc counts]
side P [adc counts]

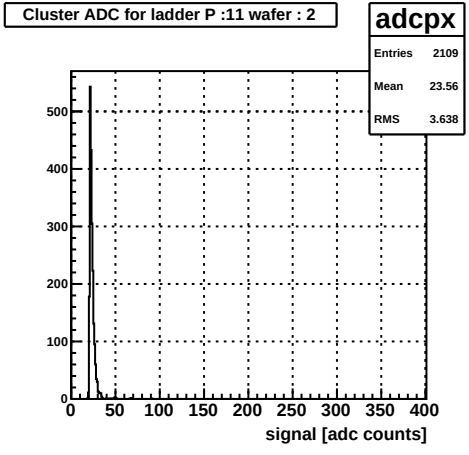

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3922
Mean 23.28
RMS 5.106
signal [adc counts]

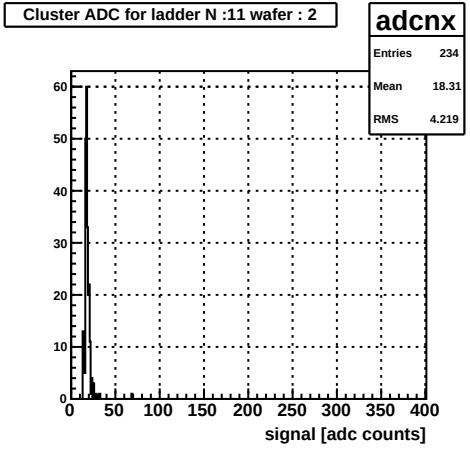

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1306
Mean 41.25
RMS 35.5
signal [adc counts]

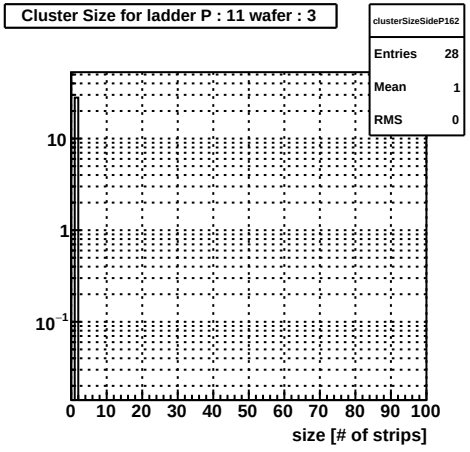

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2109
Mean 1.005
RMS 0.07834
size [# of strips]

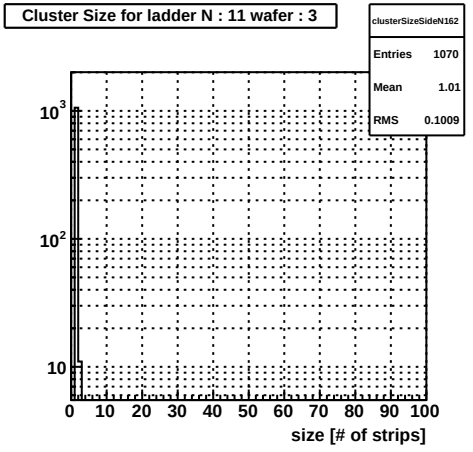

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 234
Mean 1.004
RMS 0.06523
size [# of strips]

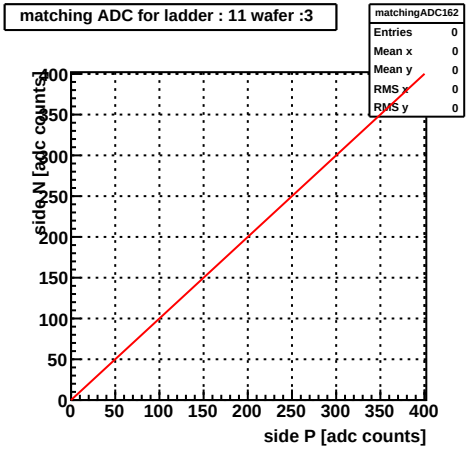

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 4
Mean x 53.5
Mean y 37.5
RMS x 13.52
RMS y 17.51
side N [adc counts]
side P [adc counts]

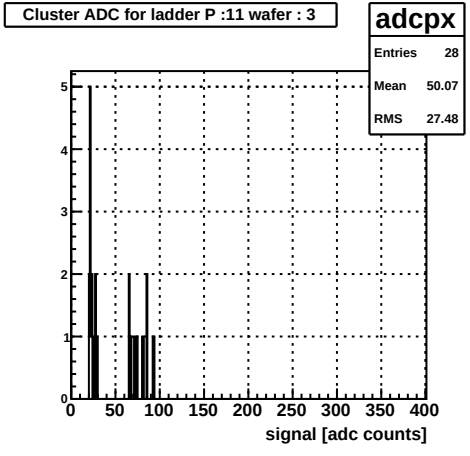

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2109
Mean 23.56
RMS 3.638
signal [adc counts]

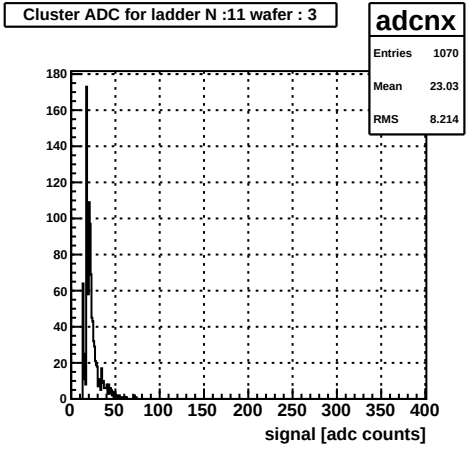

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 234
Mean 18.31
RMS 4.219
signal [adc counts]

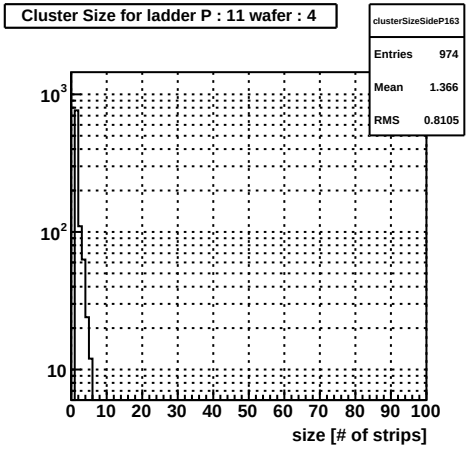

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 28
Mean 1
RMS 0
size [# of strips]

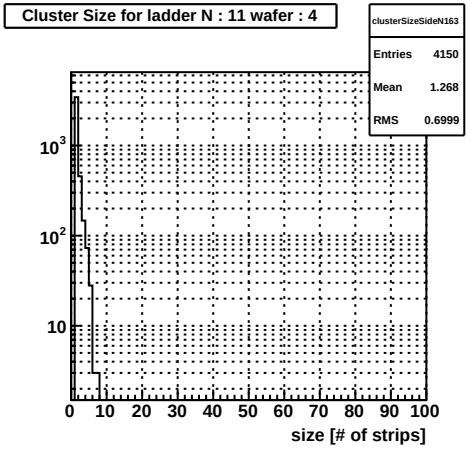

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1070
Mean 1.01
RMS 0.1009
size [# of strips]

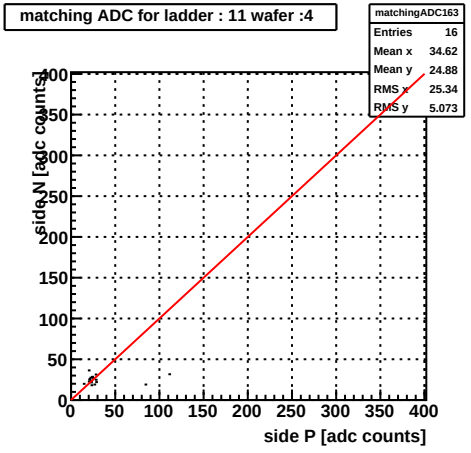

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

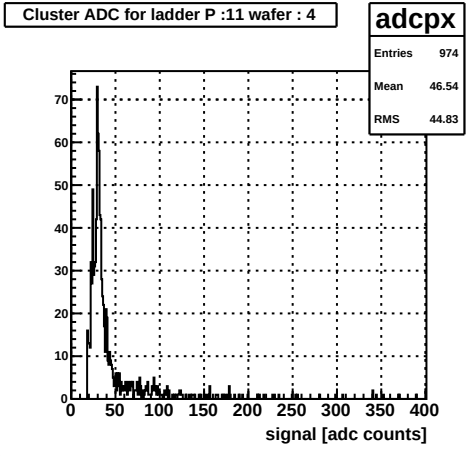

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 28
Mean 50.07
RMS 27.48
signal [adc counts]

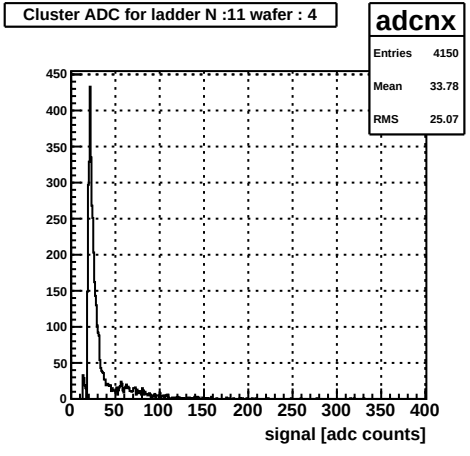

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1070
Mean 23.03
RMS 8.214
signal [adc counts]

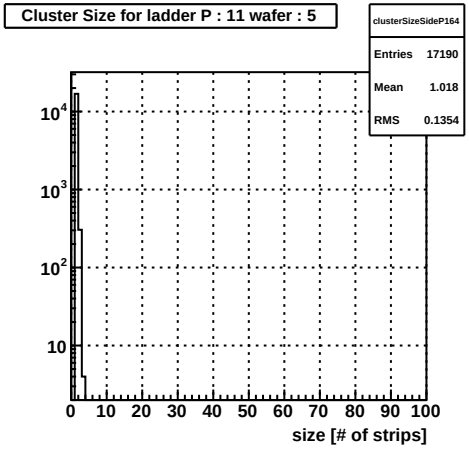

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 974
Mean 1.366
RMS 0.8105
size [# of strips]

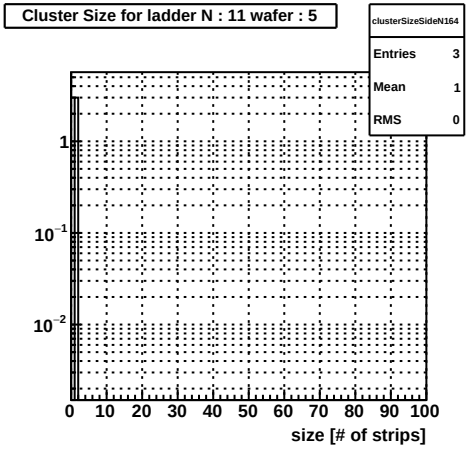

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4150
Mean 1.268
RMS 0.6999
size [# of strips]

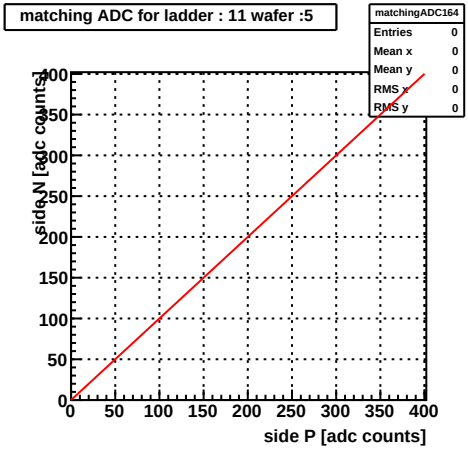

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 16
Mean x 34.62
Mean y 24.88
RMS x 25.34
RMS y 5.073
side N [adc counts]
side P [adc counts]

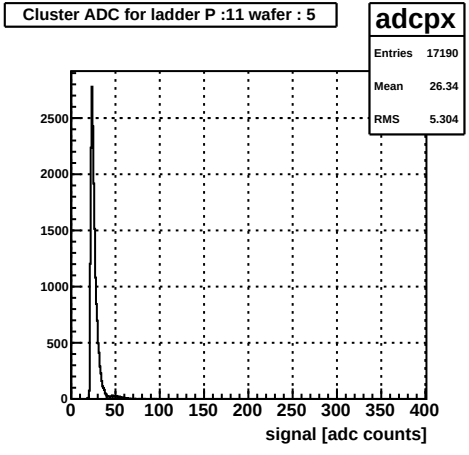

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 974
Mean 46.54
RMS 44.83
signal [adc counts]

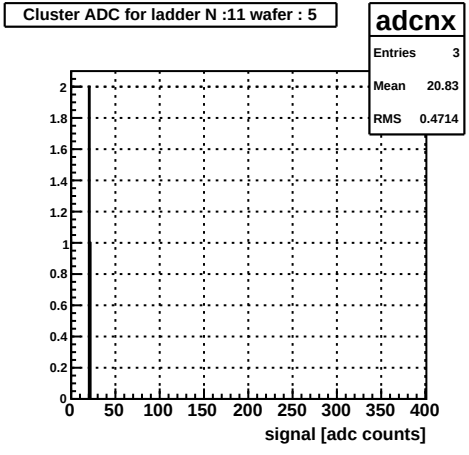

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4150
Mean 33.78
RMS 25.07
signal [adc counts]

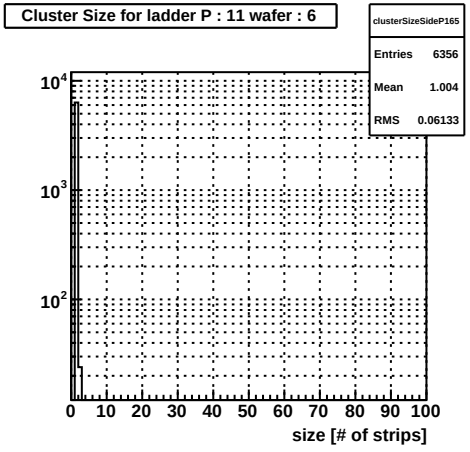

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 17190
Mean 1.018
RMS 0.1354
size [# of strips]

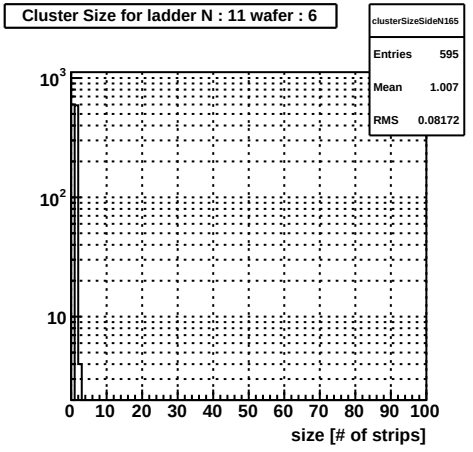

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3
Mean 1
RMS 0
size [# of strips]

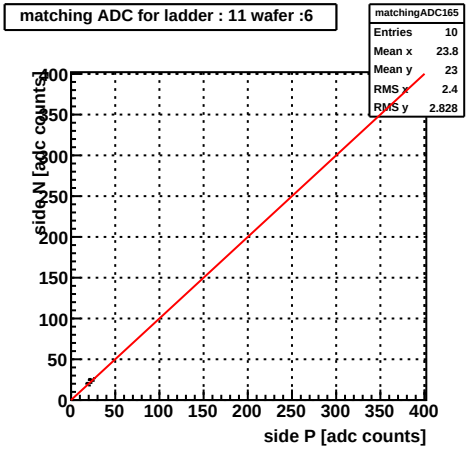

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

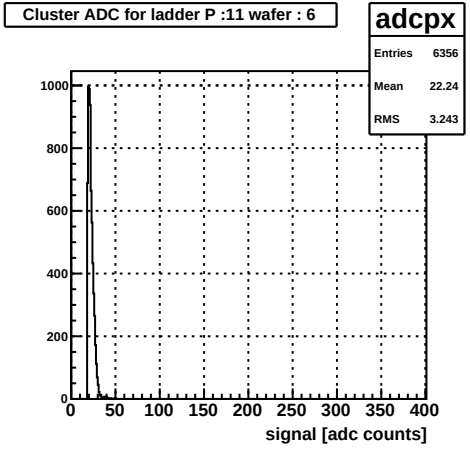

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 17190
Mean 26.34
RMS 5.304
signal [adc counts]

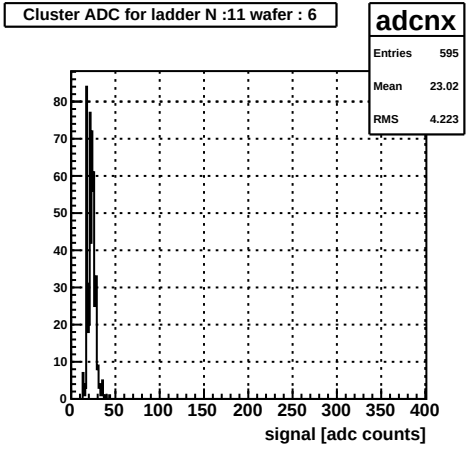

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3
Mean 20.83
RMS 0.4714
signal [adc counts]

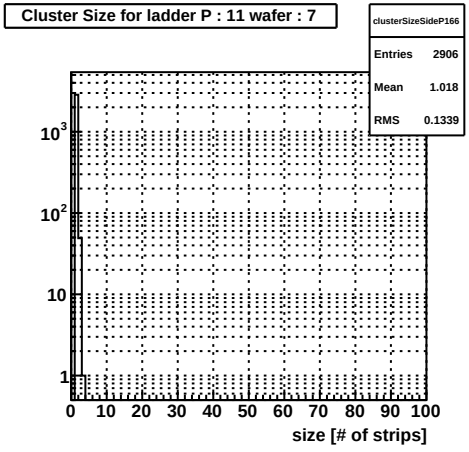

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 6356
Mean 1.004
RMS 0.06133
size [# of strips]

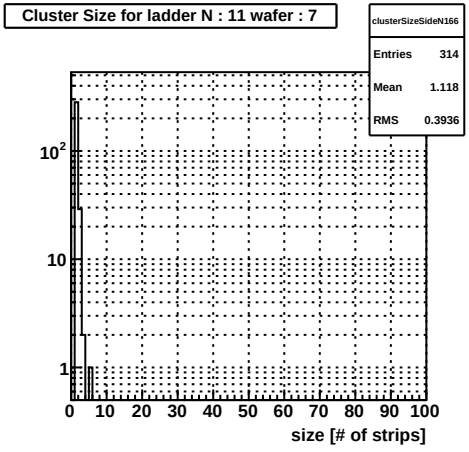

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 595
Mean 1.007
RMS 0.08172
size [# of strips]

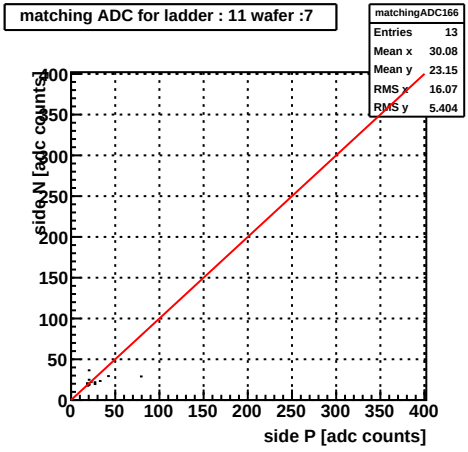

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10
Mean x 23.8
Mean y 23
RMS x 2.4
RMS y 2.828
side N [adc counts]
side P [adc counts]

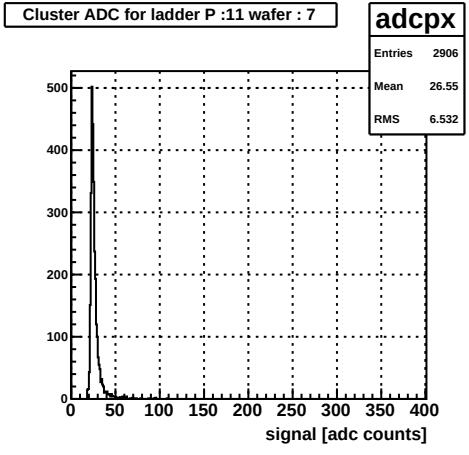

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 6356
Mean 22.24
RMS 3.243
signal [adc counts]

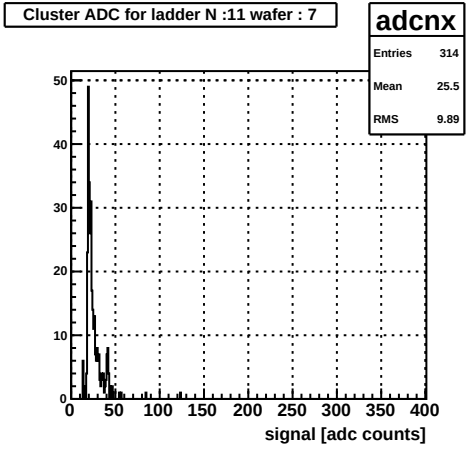

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 595
Mean 23.02
RMS 4.223
signal [adc counts]

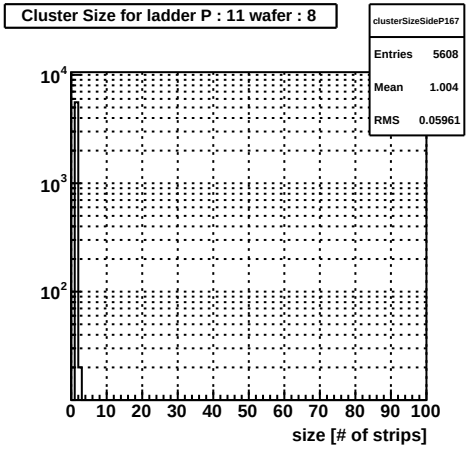

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2906
Mean 1.018
RMS 0.1339
size [# of strips]

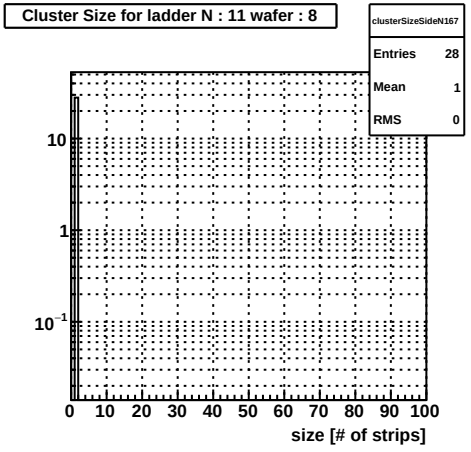

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 314
Mean 1.118
RMS 0.3936
size [# of strips]

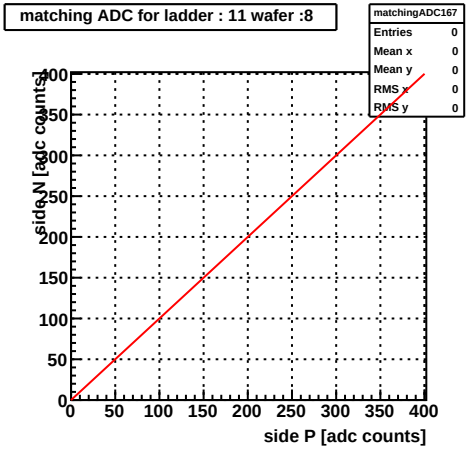

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 13
Mean x 30.08
Mean y 23.15
RMS x 16.07
RMS y 5.404
side N [adc counts]
side P [adc counts]

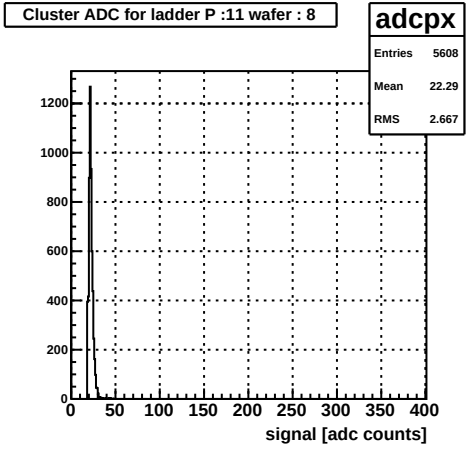

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2906
Mean 26.55
RMS 6.532
signal [adc counts]

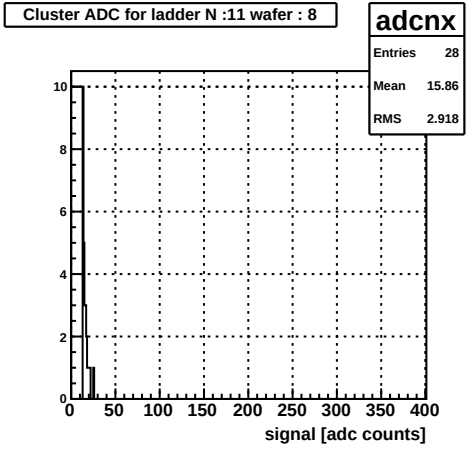

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 314
Mean 25.5
RMS 9.89
signal [adc counts]

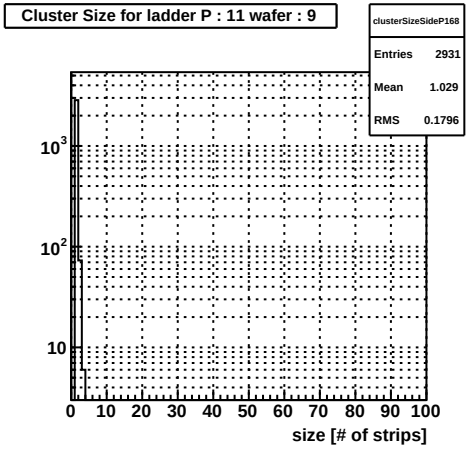

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5608
Mean 1.004
RMS 0.05961
size [# of strips]

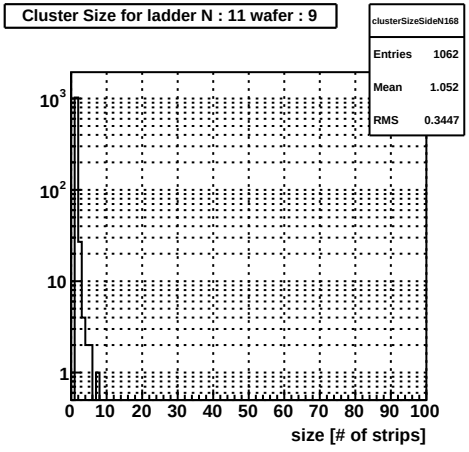

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 28
Mean 1
RMS 0
size [# of strips]

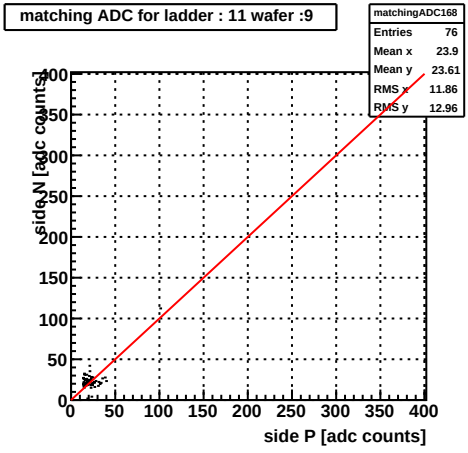

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

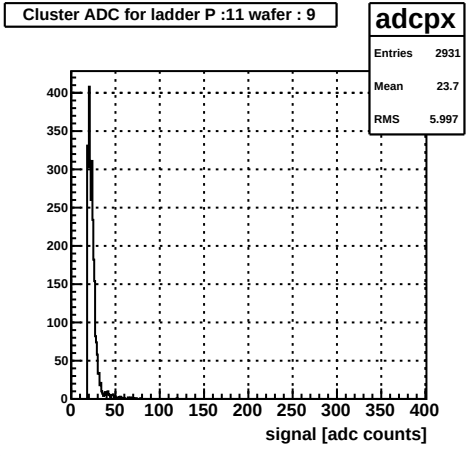

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5608
Mean 22.29
RMS 2.667
signal [adc counts]

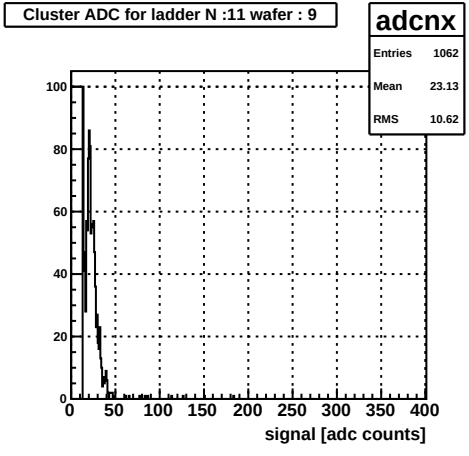

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 28
Mean 15.86
RMS 2.918
signal [adc counts]

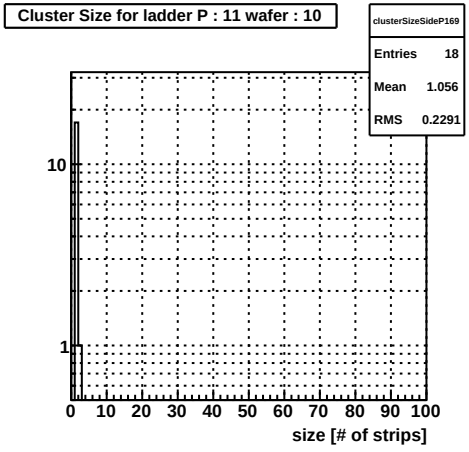

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2931
Mean 1.029
RMS 0.1796
size [# of strips]

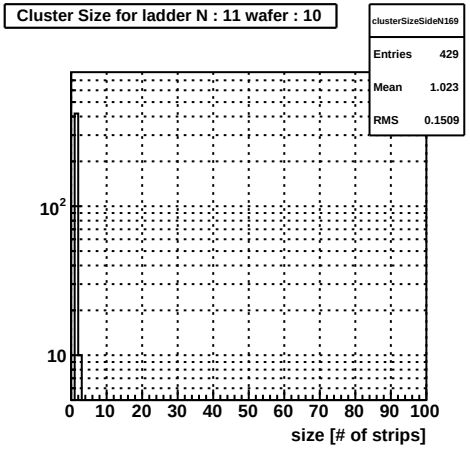

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1062
Mean 1.052
RMS 0.3447
size [# of strips]

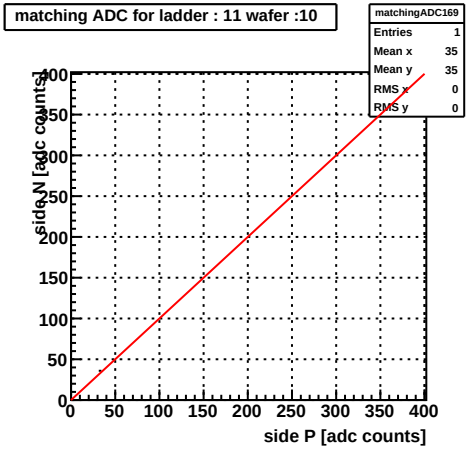

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 76
Mean x 23.9
Mean y 23.61
RMS x 11.86
RMS y 12.96
side N [adc counts]
side P [adc counts]

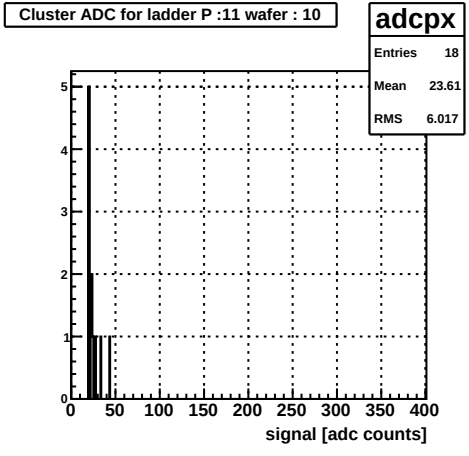

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2931
Mean 23.7
RMS 5.997
signal [adc counts]

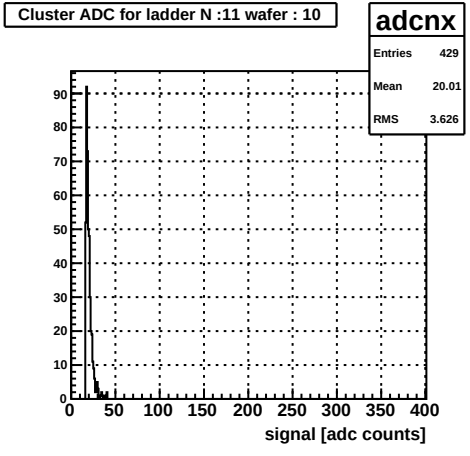

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1062
Mean 23.13
RMS 10.62
signal [adc counts]

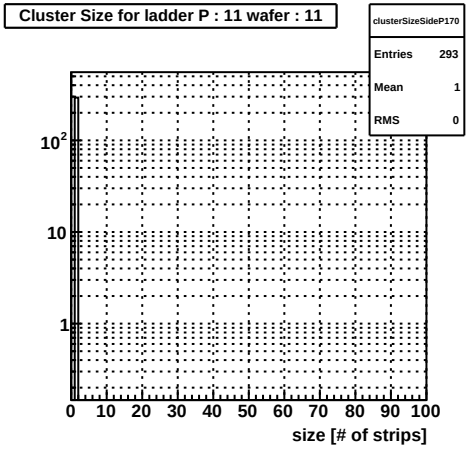

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

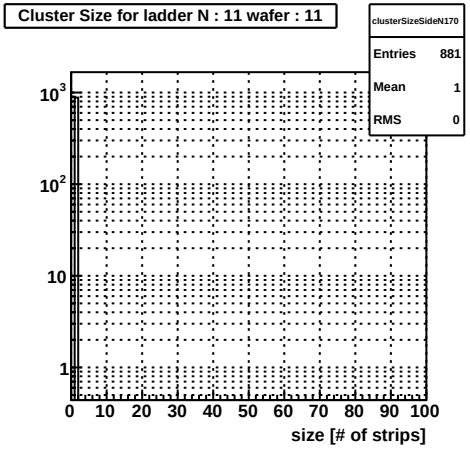

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 429
Mean 1.023
RMS 0.1509
size [# of strips]

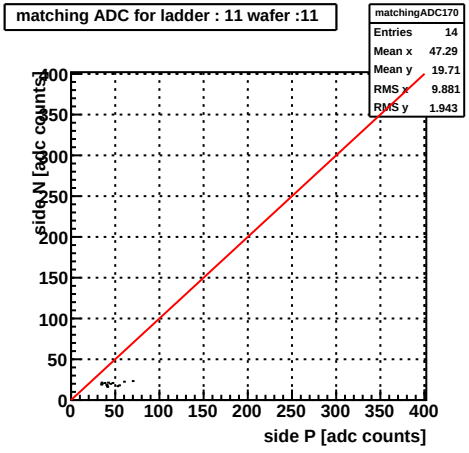

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1
Mean x 35
Mean y 35
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

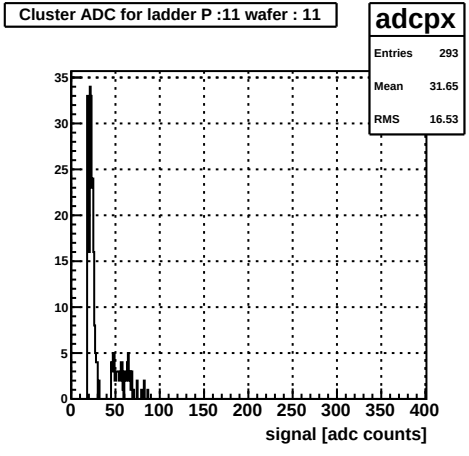

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 18
Mean 23.61
RMS 6.017
signal [adc counts]

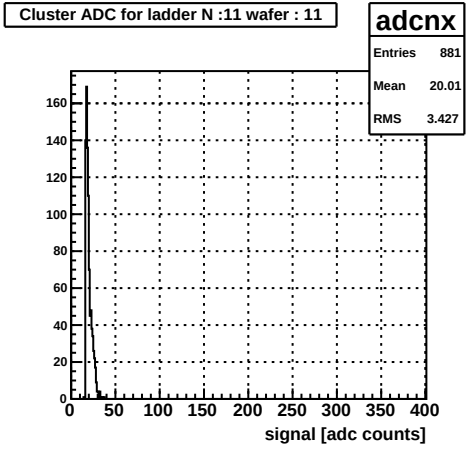

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 429
Mean 20.01
RMS 3.626
signal [adc counts]

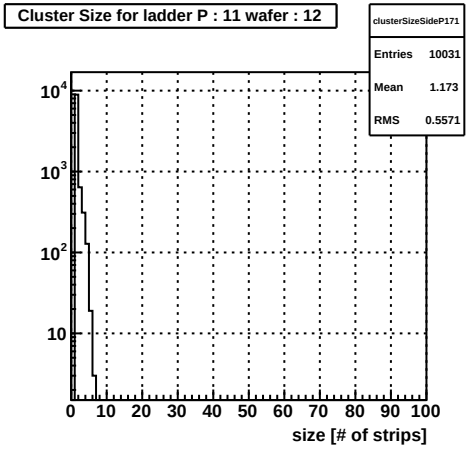

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 293
Mean 1
RMS 0
size [# of strips]

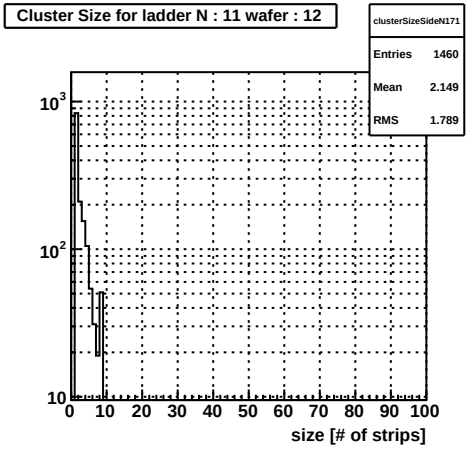

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 881
Mean 1
RMS 0
size [# of strips]

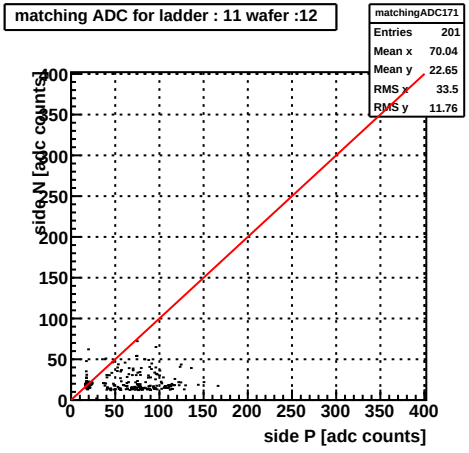

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 14
Mean x 47.29
Mean y 19.71
RMS x 9.881
RMS y 1.943
side N [adc counts]
side P [adc counts]

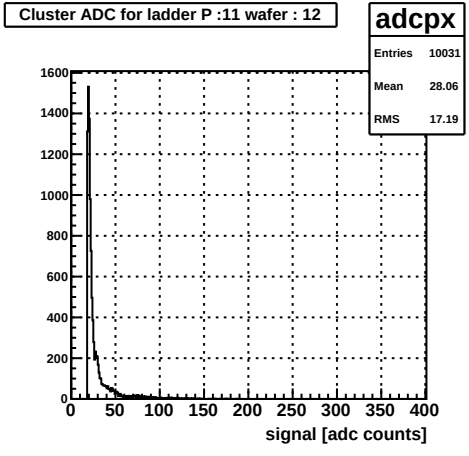

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 293
Mean 31.65
RMS 16.53
signal [adc counts]

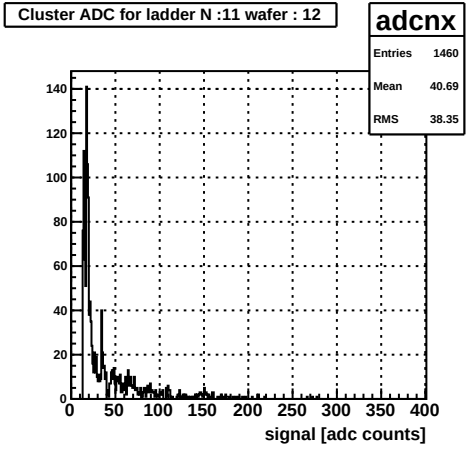

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 881
Mean 20.01
RMS 3.427
signal [adc counts]

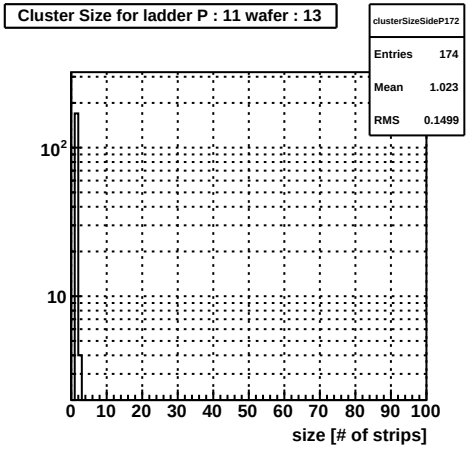

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10031
Mean 1.173
RMS 0.5571
size [# of strips]

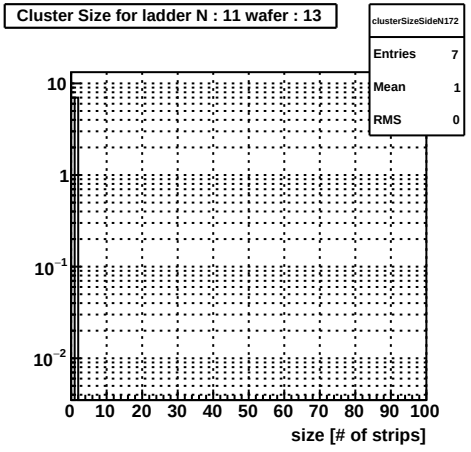

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 1460
Mean 2.149
RMS 1.789
size [# of strips]

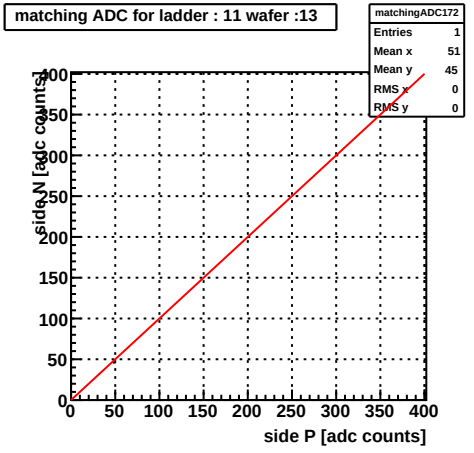

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 201
Mean x 70.04
Mean y 22.65
RMS x 33.5
RMS y 11.76
side N [adc counts]
side P [adc counts]

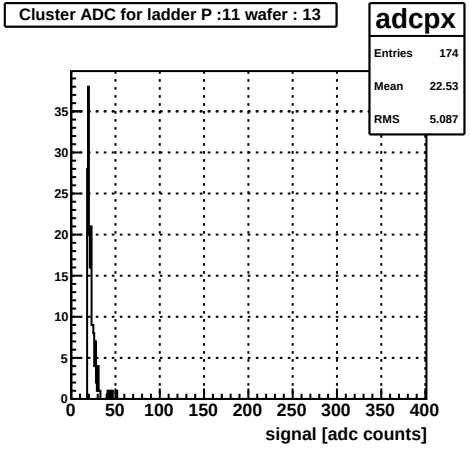

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10031
Mean 28.06
RMS 17.19
signal [adc counts]

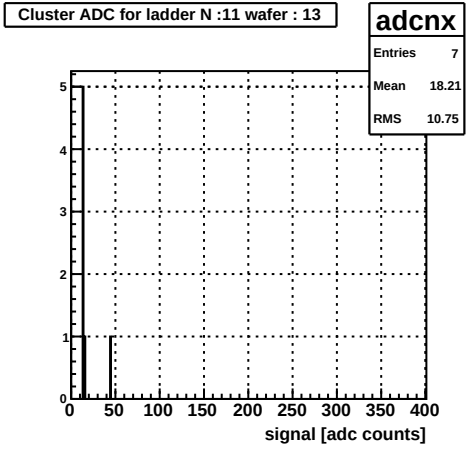

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 1460
Mean 40.69
RMS 38.35
signal [adc counts]

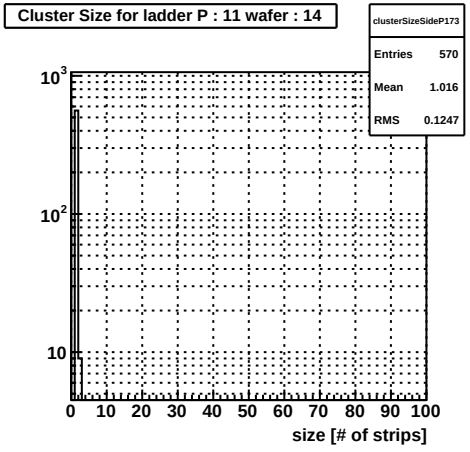

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 174
Mean 1.023
RMS 0.1499
size [# of strips]

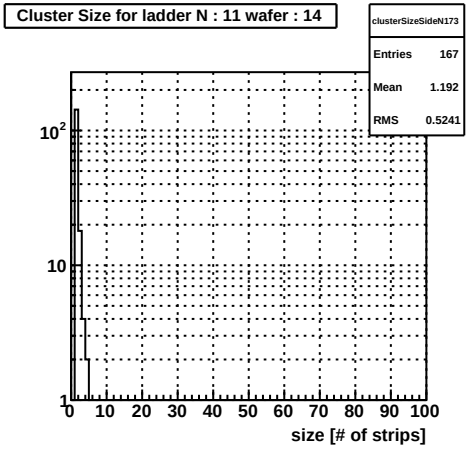

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 7
Mean 1
RMS 0
size [# of strips]

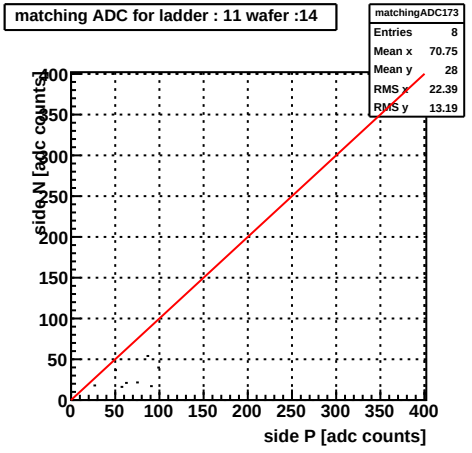

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1
Mean x 51
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

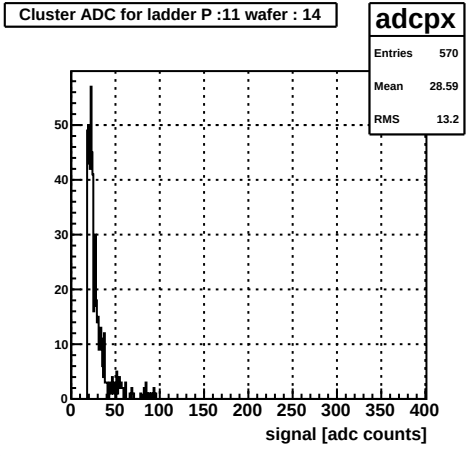

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 174
Mean 22.53
RMS 5.087
signal [adc counts]

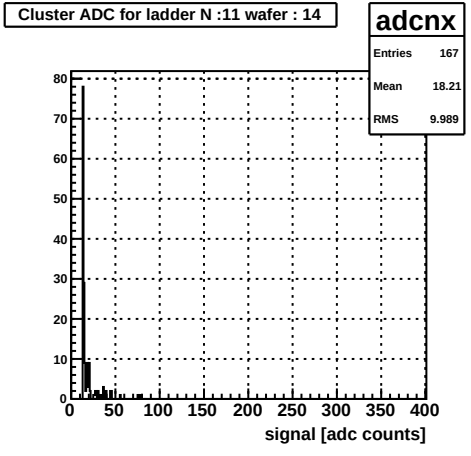

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 7
Mean 18.21
RMS 10.75
signal [adc counts]

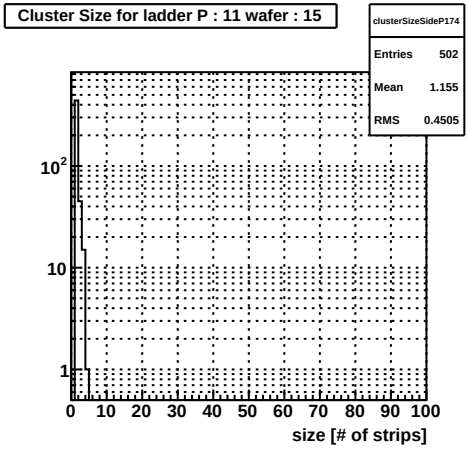

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 570
Mean 1.016
RMS 0.1247
size [# of strips]

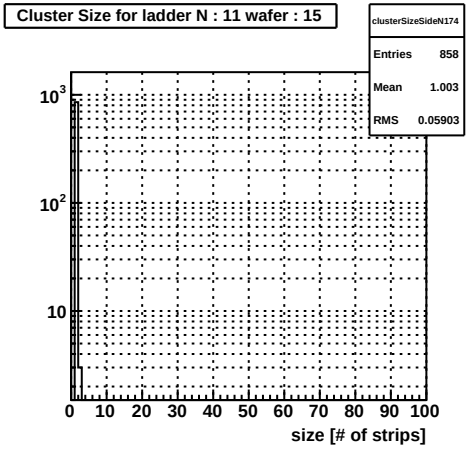

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 167
Mean 1.192
RMS 0.5241
size [# of strips]

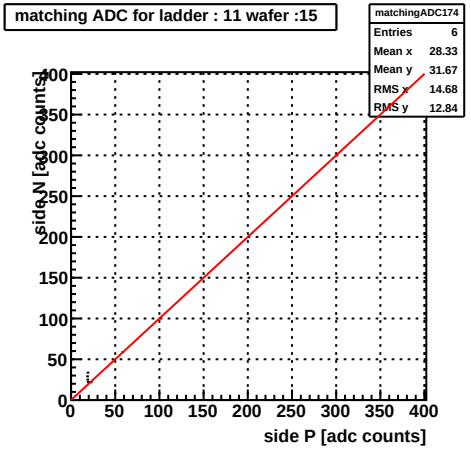

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 8
Mean x 70.75
Mean y 28
RMS x 22.39
RMS y 13.19
side N [adc counts]
side P [adc counts]

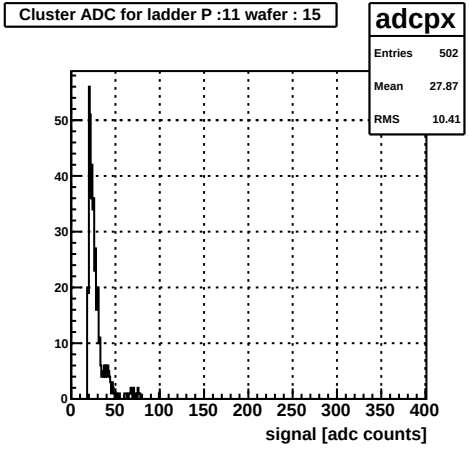

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 570
Mean 28.59
RMS 13.2
signal [adc counts]

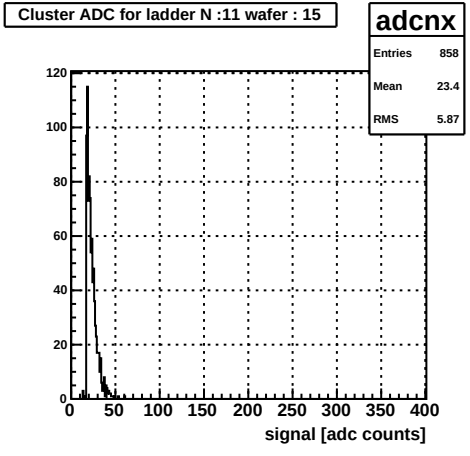

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 167
Mean 18.21
RMS 9.989
signal [adc counts]

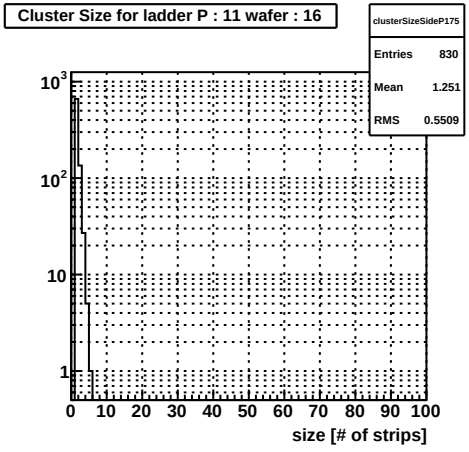

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 502
Mean 1.155
RMS 0.4505
size [# of strips]

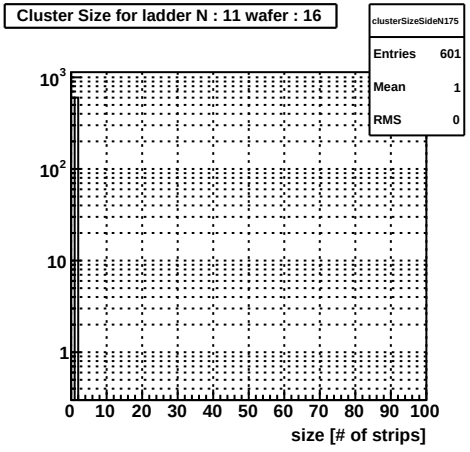

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 858
Mean 1.003
RMS 0.05903
size [# of strips]

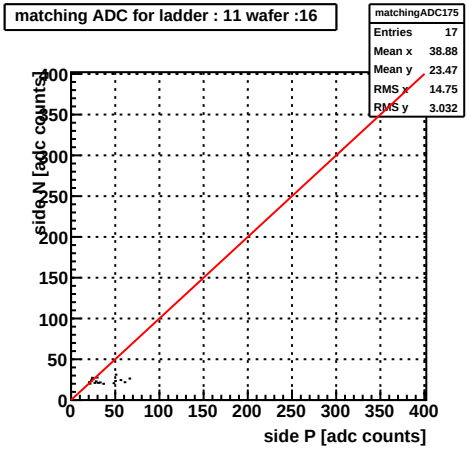

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 6
Mean x 28.33
Mean y 31.67
RMS x 14.68
RMS y 12.84
side N [adc counts]
side P [adc counts]

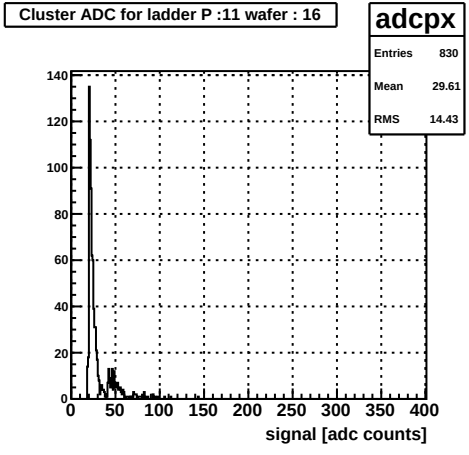

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 502
Mean 27.87
RMS 10.41
signal [adc counts]

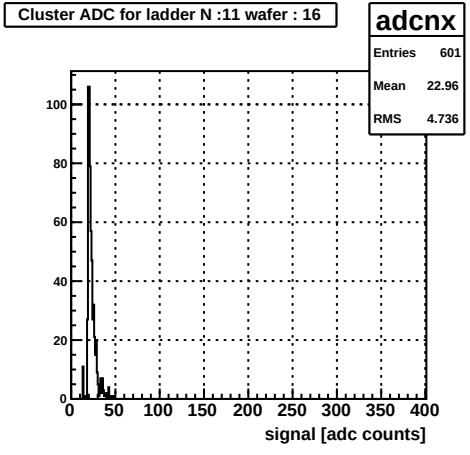

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 858
Mean 23.4
RMS 5.87
signal [adc counts]

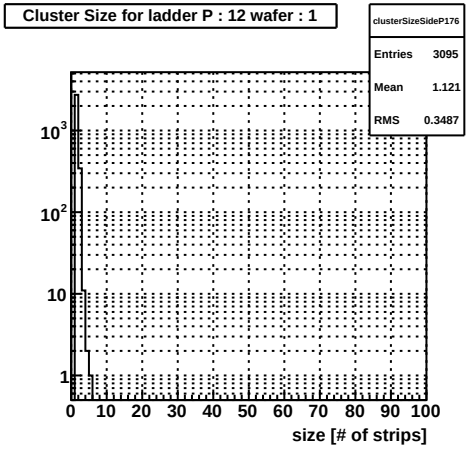

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 830
Mean 1.251
RMS 0.5509
size [# of strips]

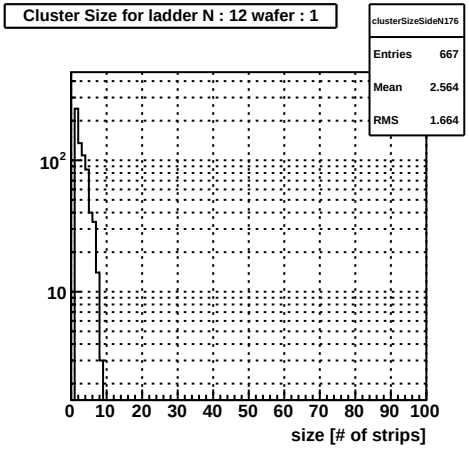

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 601
Mean 1
RMS 0
size [# of strips]

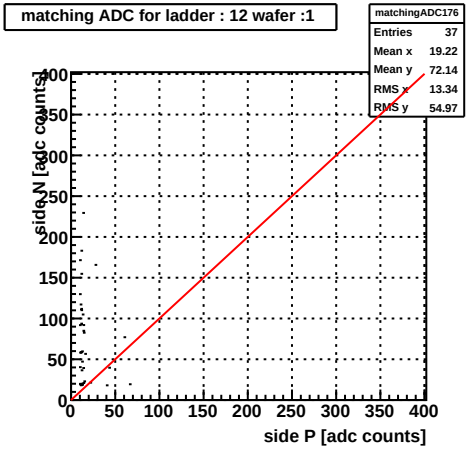

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 17
Mean x 38.88
Mean y 23.47
RMS x 14.75
RMS y 3.032
side N [adc counts]
side P [adc counts]

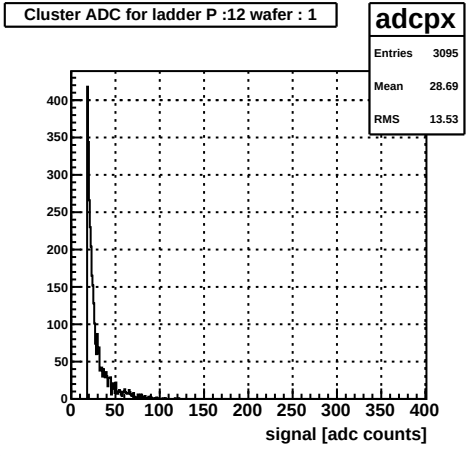

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 830
Mean 29.61
RMS 14.43
signal [adc counts]

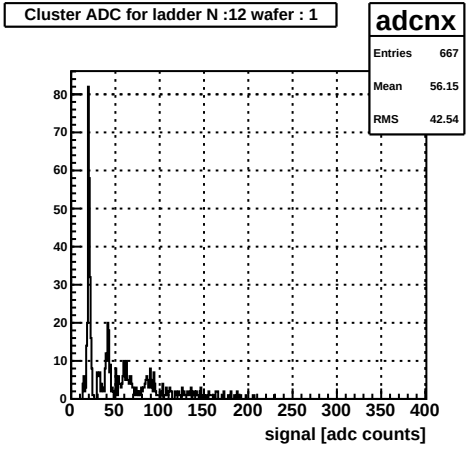

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 601
Mean 22.96
RMS 4.736
signal [adc counts]

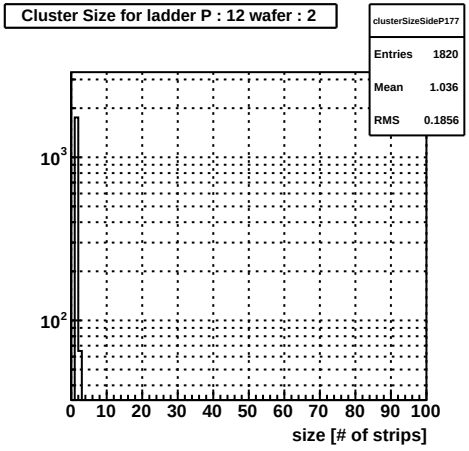

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3095
Mean 1.121
RMS 0.3487
size [# of strips]

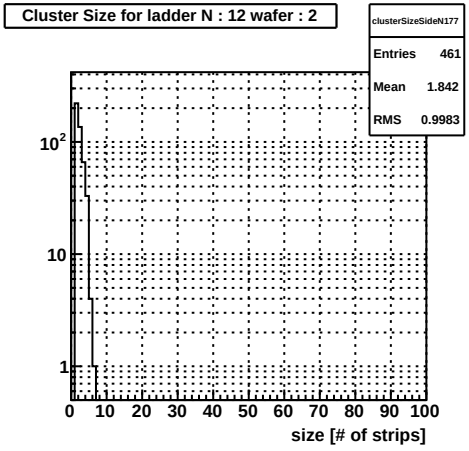

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 667
Mean 2.564
RMS 1.664
size [# of strips]

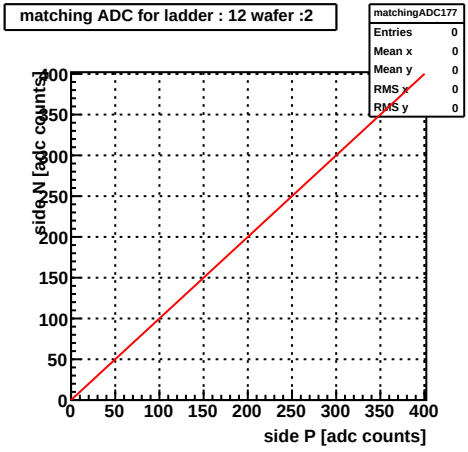

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 37
Mean x 19.22
Mean y 72.14
RMS x 13.34
RMS y 54.97
side N [adc counts]
side P [adc counts]

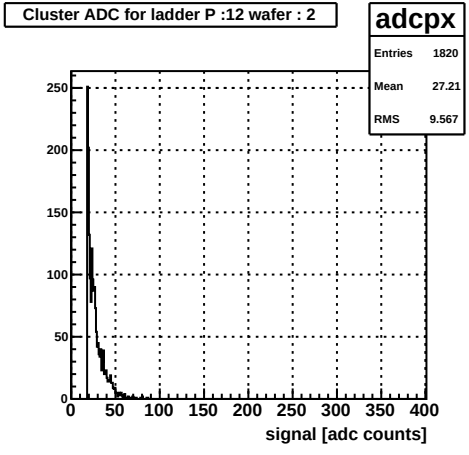

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3095
Mean 28.69
RMS 13.53
signal [adc counts]

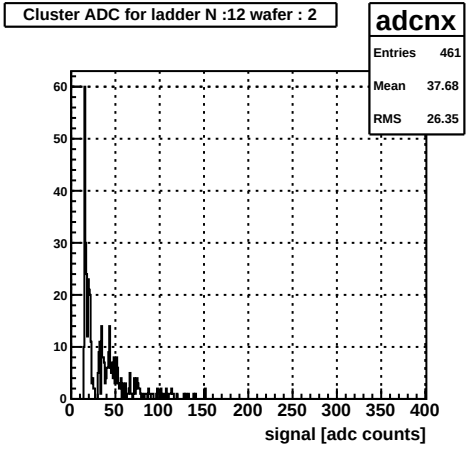

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 667
Mean 56.15
RMS 42.54
signal [adc counts]

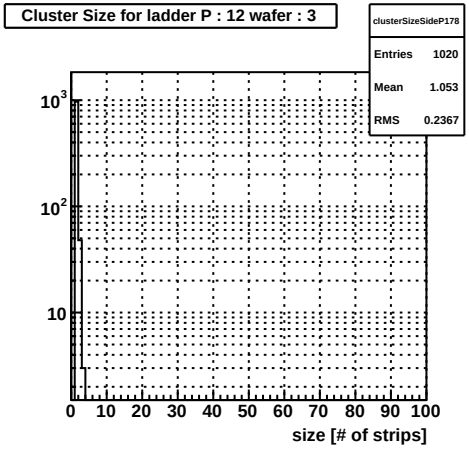

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1820
Mean 1.036
RMS 0.1856
size [# of strips]

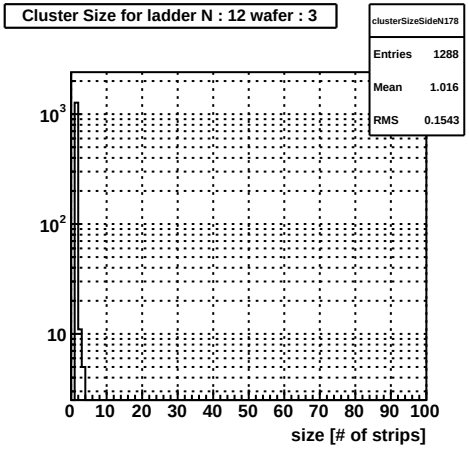

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 461
Mean 1.842
RMS 0.9983
size [# of strips]

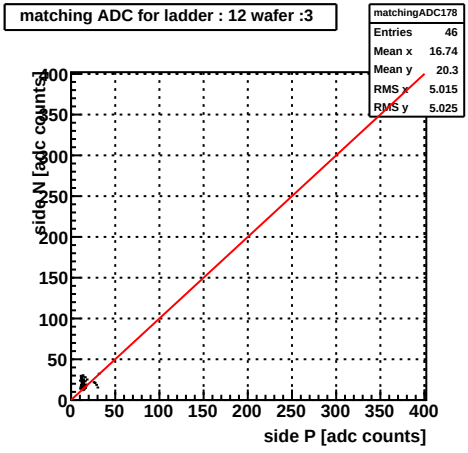

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

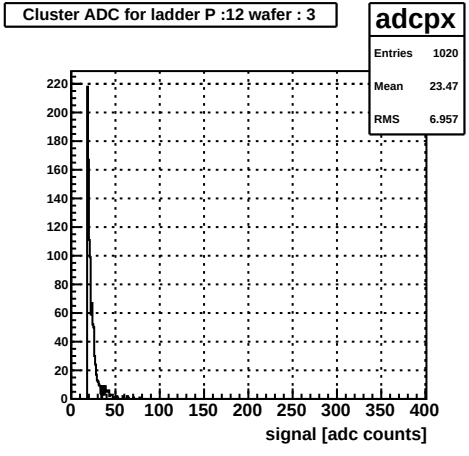

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1820
Mean 27.21
RMS 9.567
signal [adc counts]

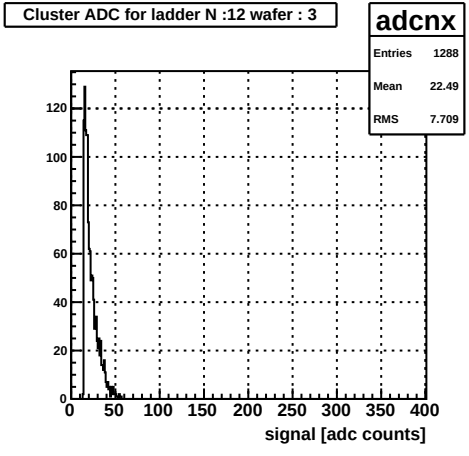

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 461
Mean 37.68
RMS 26.35
signal [adc counts]

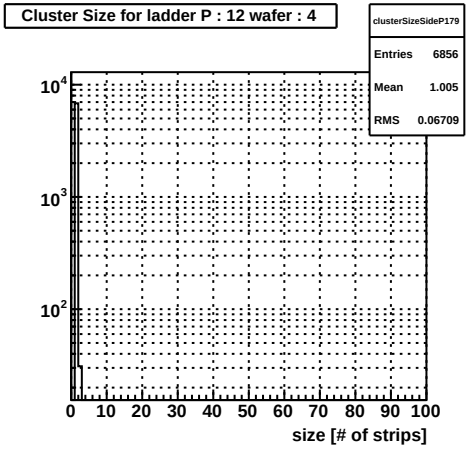

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1020
Mean 1.053
RMS 0.2367
size [# of strips]

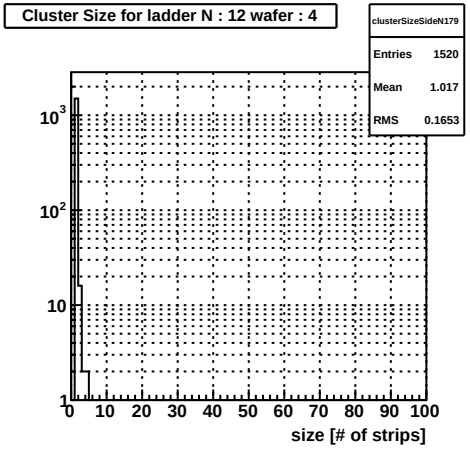

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1288
Mean 1.016
RMS 0.1543
size [# of strips]

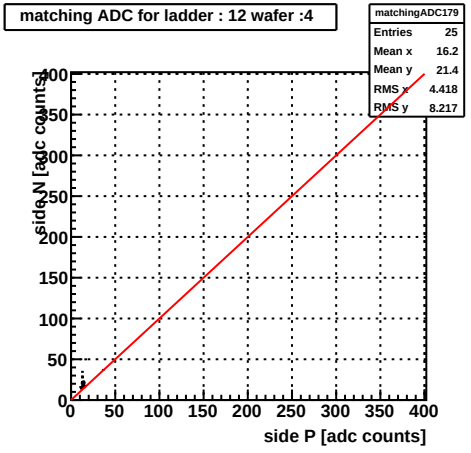

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 46
Mean x 16.74
Mean y 20.3
RMS x 5.015
RMS y 5.025
side N [adc counts]
side P [adc counts]

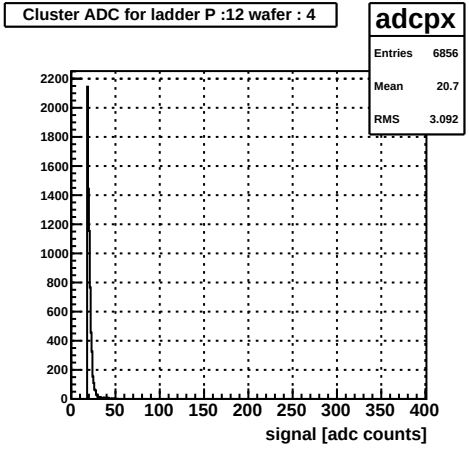

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1020
Mean 23.47
RMS 6.957
signal [adc counts]

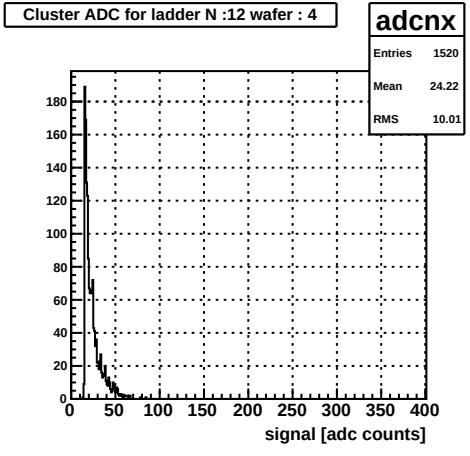

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1288
Mean 22.49
RMS 7.709
signal [adc counts]

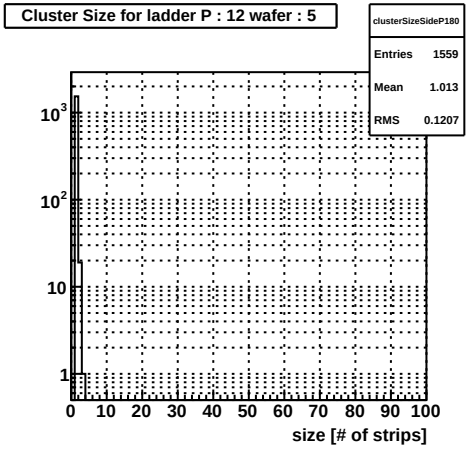

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6856
Mean 1.005
RMS 0.06709
size [# of strips]

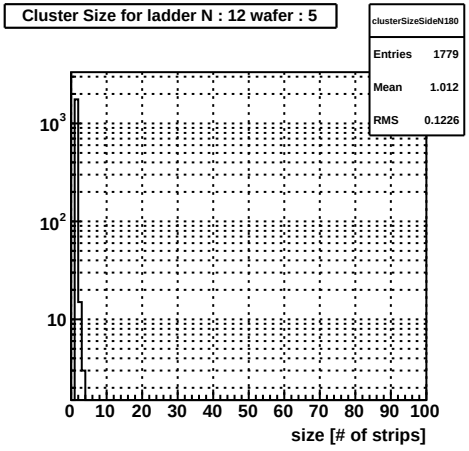

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1520
Mean 1.017
RMS 0.1653
size [# of strips]

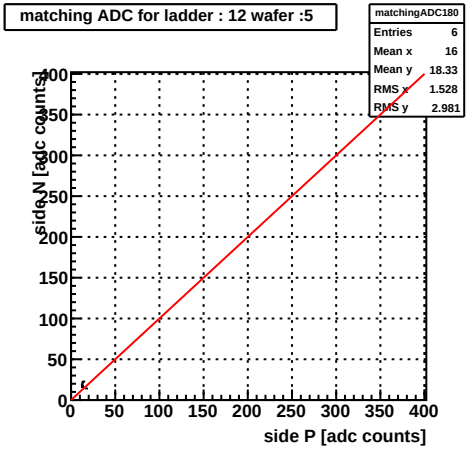

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 25
Mean x 16.2
Mean y 21.4
RMS x 4.418
RMS y 8.217
side N [adc counts]
side P [adc counts]

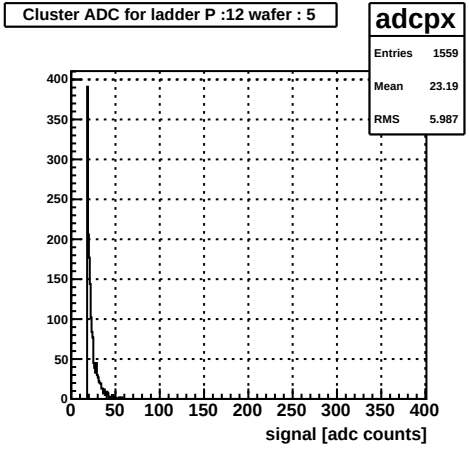

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6856
Mean 20.7
RMS 3.092
signal [adc counts]

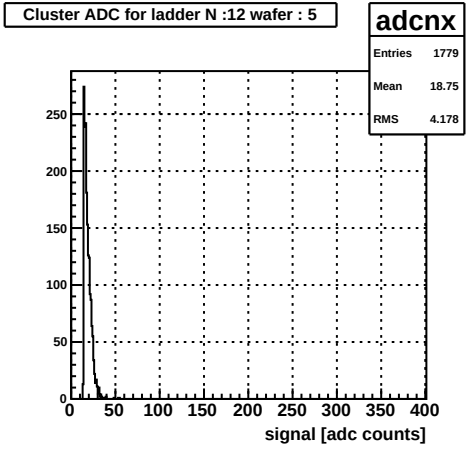

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1520
Mean 24.22
RMS 10.01
signal [adc counts]

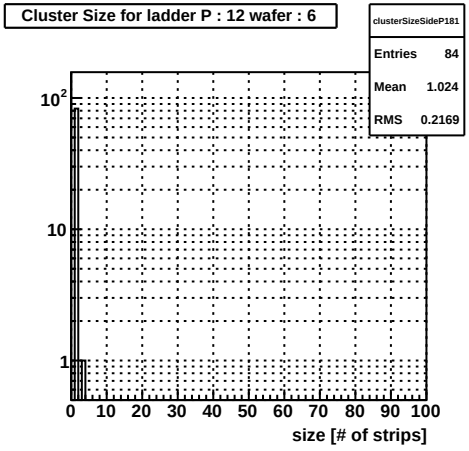

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1559
Mean 1.013
RMS 0.1207
size [# of strips]

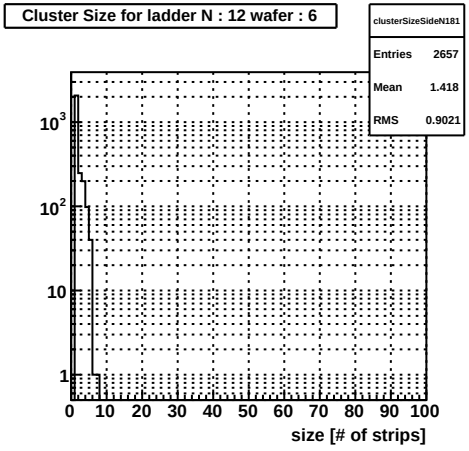

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1779
Mean 1.012
RMS 0.1226
size [# of strips]

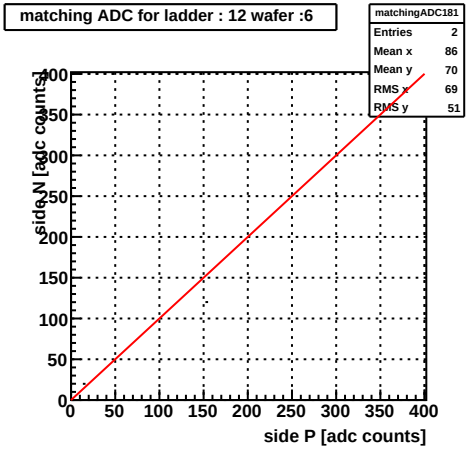

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 6
Mean x 16
Mean y 18.33
RMS x 1.528
RMS y 2.981
side N [adc counts]
side P [adc counts]

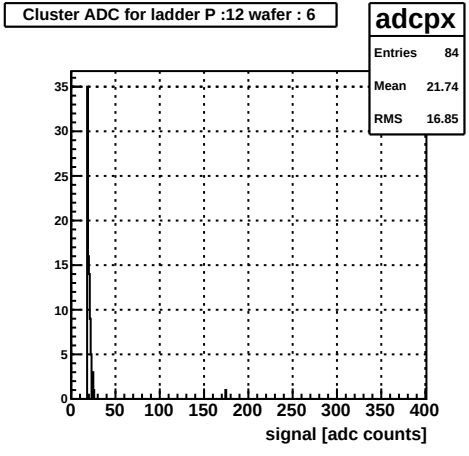

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1559
Mean 23.19
RMS 5.987
signal [adc counts]

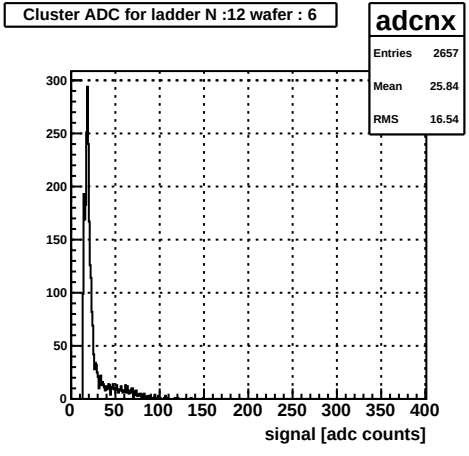

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1779
Mean 18.75
RMS 4.178
signal [adc counts]

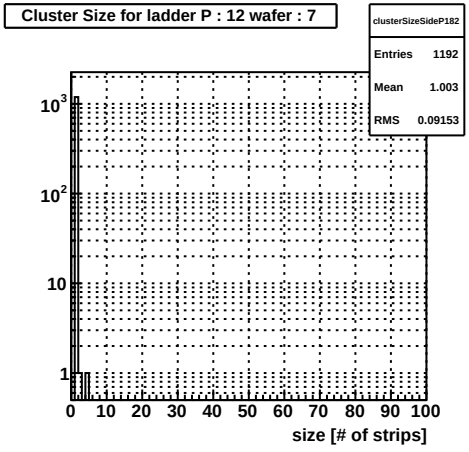

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 84
Mean 1.024
RMS 0.2169
size [# of strips]

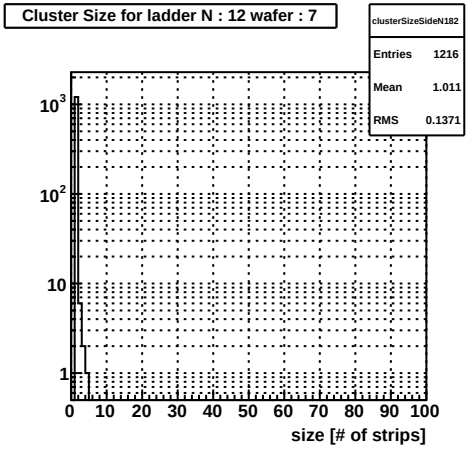

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2657
Mean 1.418
RMS 0.9021
size [# of strips]

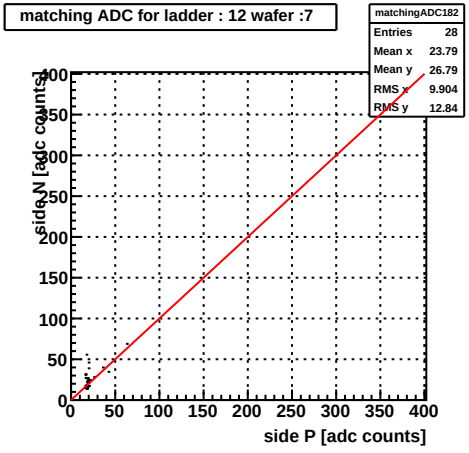

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 2
Mean x 86
Mean y 70
RMS x 69
RMS y 51
side N [adc counts]
side P [adc counts]

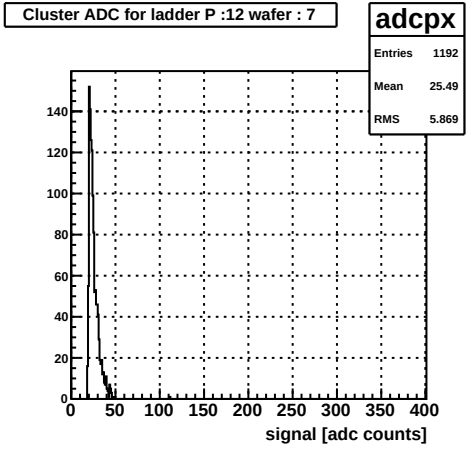

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 84
Mean 21.74
RMS 16.85
signal [adc counts]

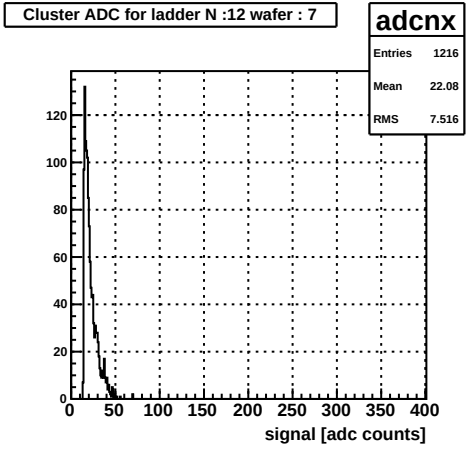

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2657
Mean 25.84
RMS 16.54
signal [adc counts]

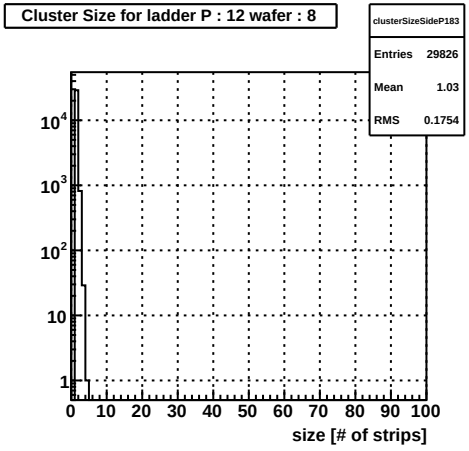

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1192
Mean 1.003
RMS 0.09153
size [# of strips]

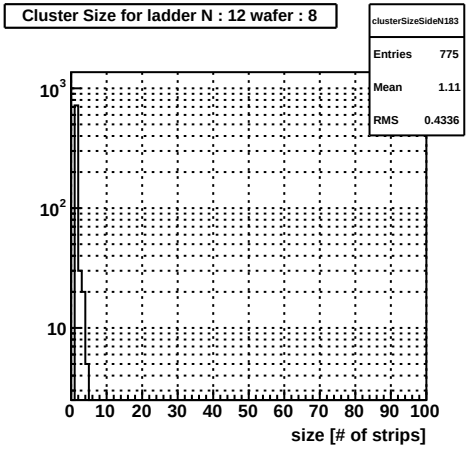

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1216
Mean 1.011
RMS 0.1371
size [# of strips]

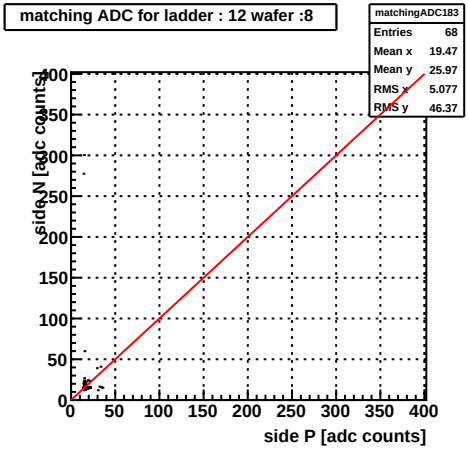

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 28
Mean x 23.79
Mean y 26.79
RMS x 9.904
RMS y 12.84
side N [adc counts]
side P [adc counts]

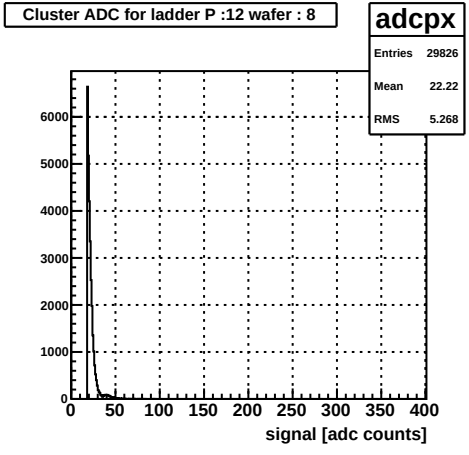

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1192
Mean 25.49
RMS 5.869
signal [adc counts]

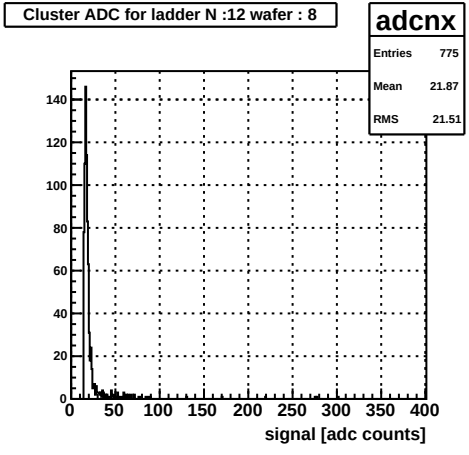

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1216
Mean 22.08
RMS 7.516
signal [adc counts]

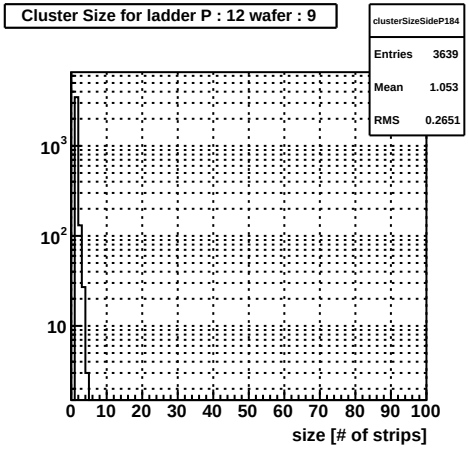

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 29826
Mean 1.03
RMS 0.1754
size [# of strips]

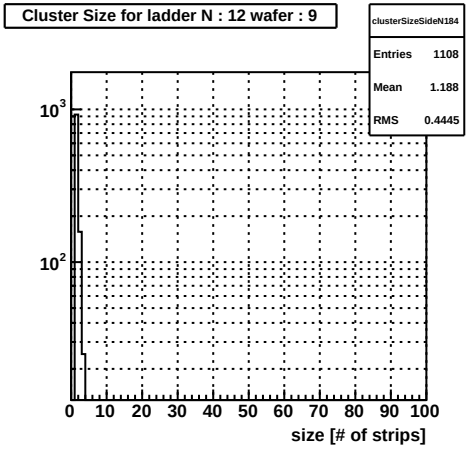

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 775
Mean 1.11
RMS 0.4336
size [# of strips]

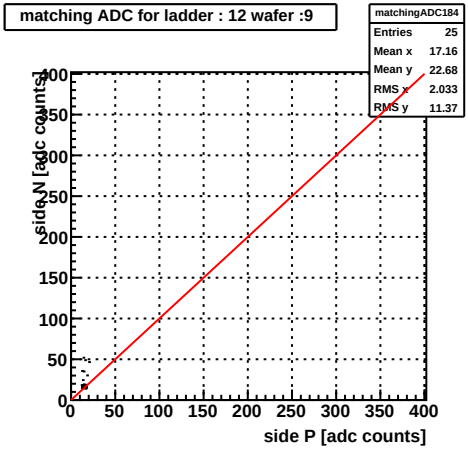

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 68
Mean x 19.47
Mean y 25.97
RMS x 5.077
RMS y 46.37
side N [adc counts]
side P [adc counts]

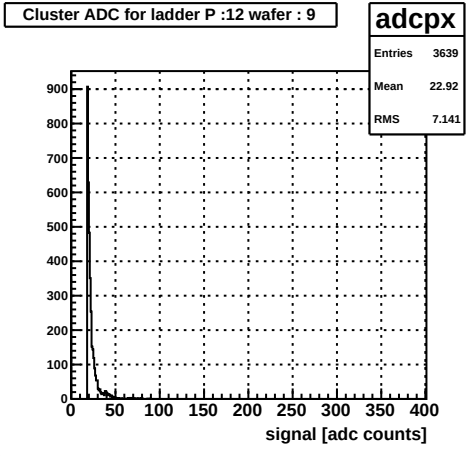

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 29826
Mean 22.22
RMS 5.268
signal [adc counts]

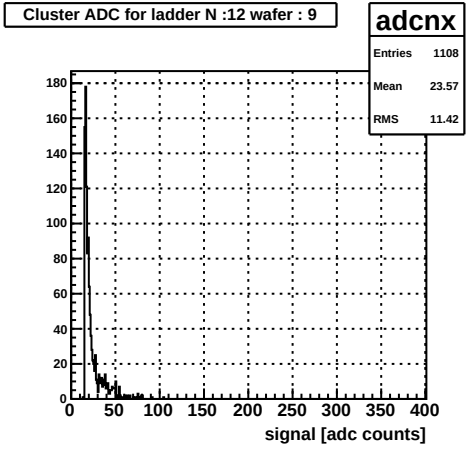

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 775
Mean 21.87
RMS 21.51
signal [adc counts]

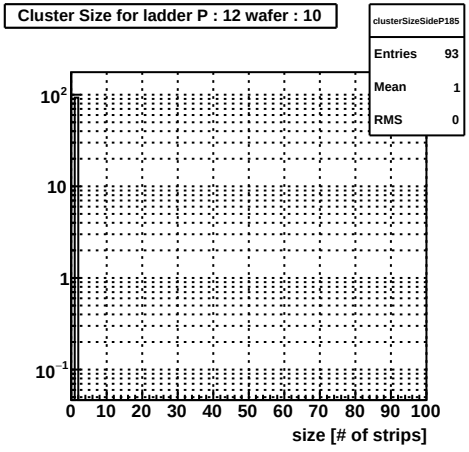

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3639
Mean 1.053
RMS 0.2651
size [# of strips]

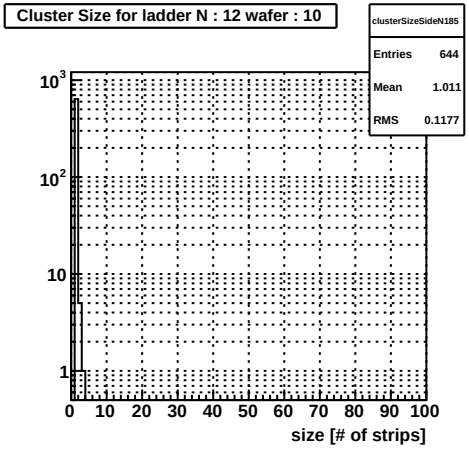

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1108
Mean 1.188
RMS 0.4445
size [# of strips]

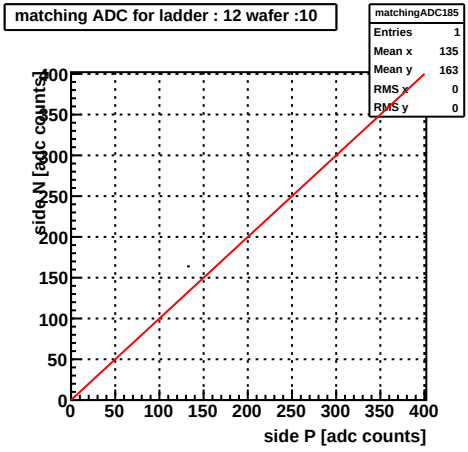

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 25
Mean x 17.16
Mean y 22.68
RMS x 2.033
RMS y 11.37
side N [adc counts]
side P [adc counts]

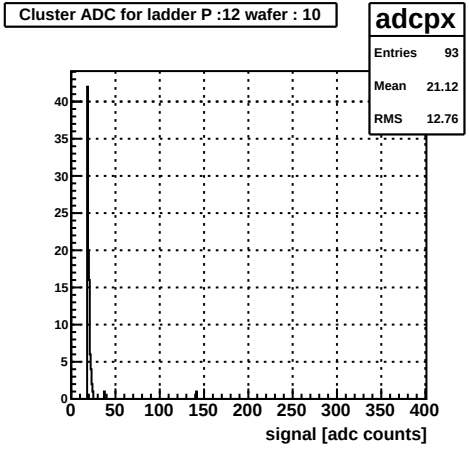

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3639
Mean 22.92
RMS 7.141
signal [adc counts]

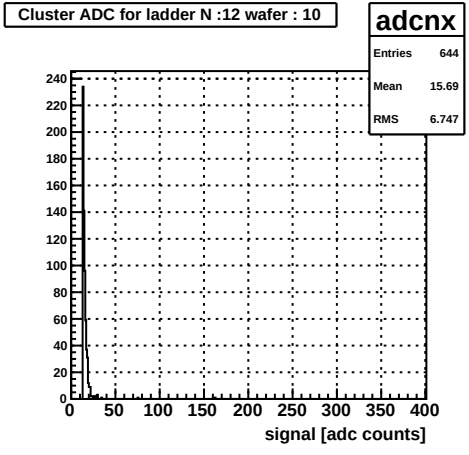

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1108
Mean 23.57
RMS 11.42
signal [adc counts]

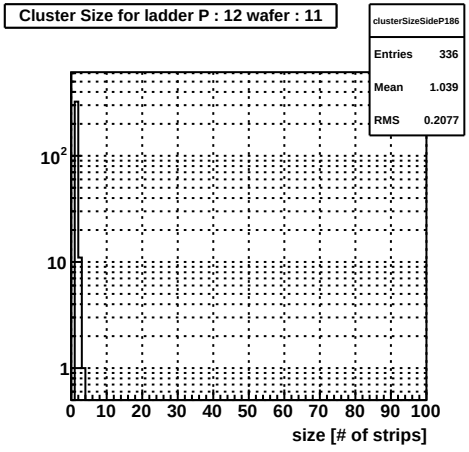

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 93
Mean 1
RMS 0
size [# of strips]

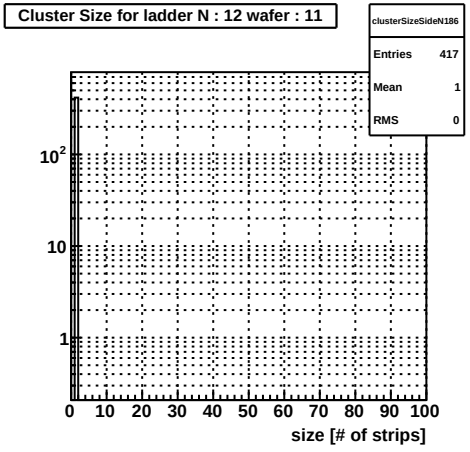

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 644
Mean 1.011
RMS 0.1177
size [# of strips]

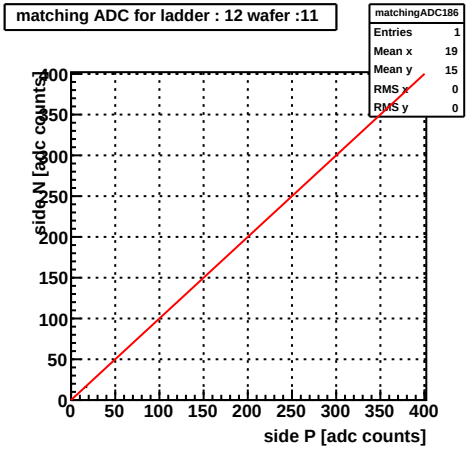

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1
Mean x 135
Mean y 163
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

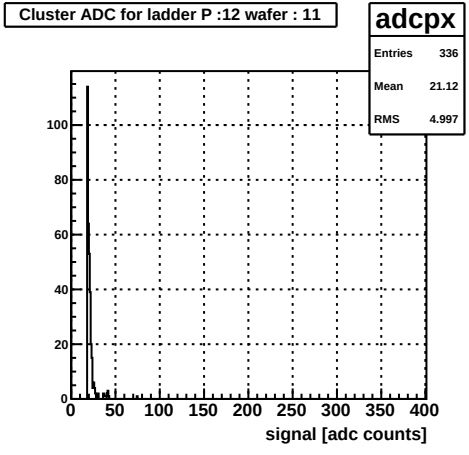

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 93
Mean 21.12
RMS 12.76
signal [adc counts]

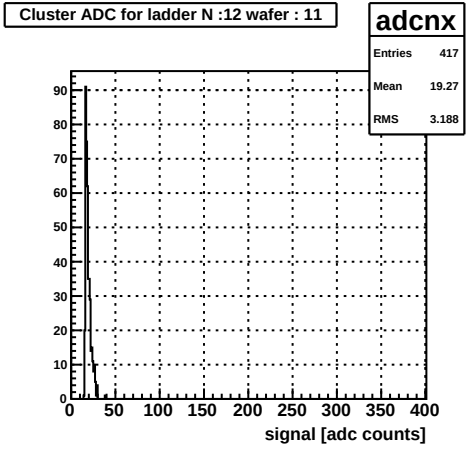

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 644
Mean 15.69
RMS 6.747
signal [adc counts]

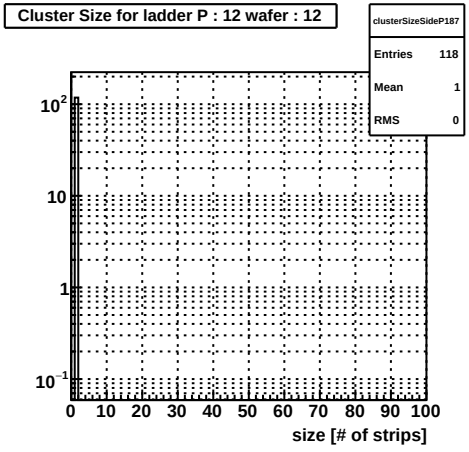

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 336
Mean 1.039
RMS 0.2077
size [# of strips]

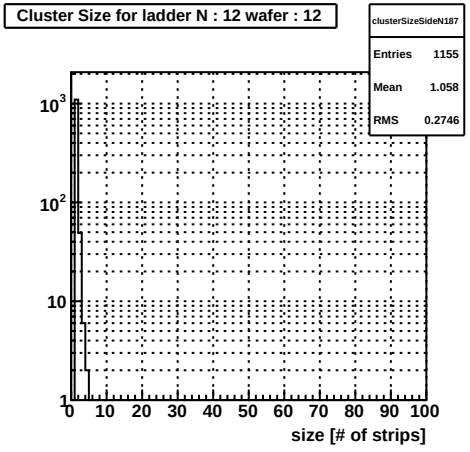

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 417
Mean 1
RMS 0
size [# of strips]

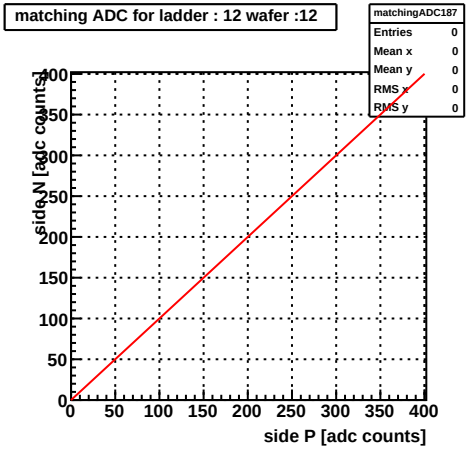

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1
Mean x 19
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

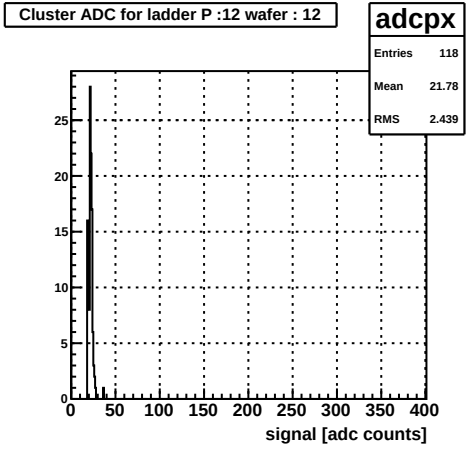

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 336
Mean 21.12
RMS 4.997
signal [adc counts]

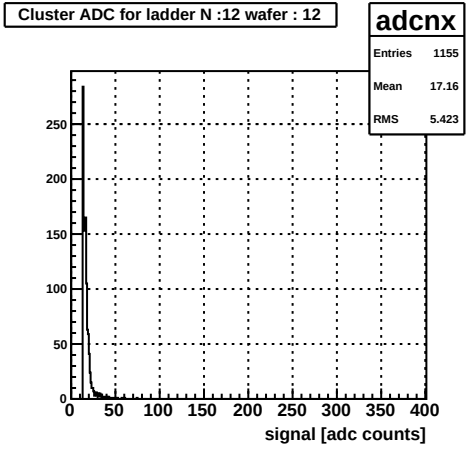

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 417
Mean 19.27
RMS 3.188
signal [adc counts]

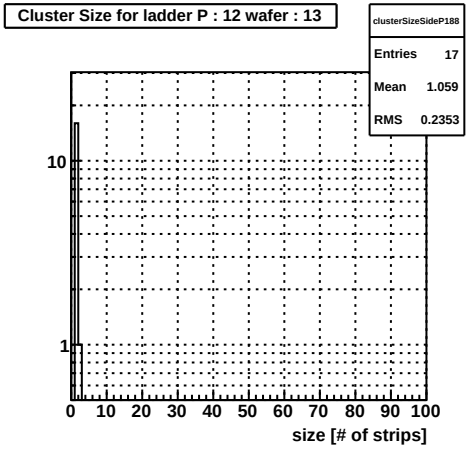

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 118
Mean 1
RMS 0
size [# of strips]

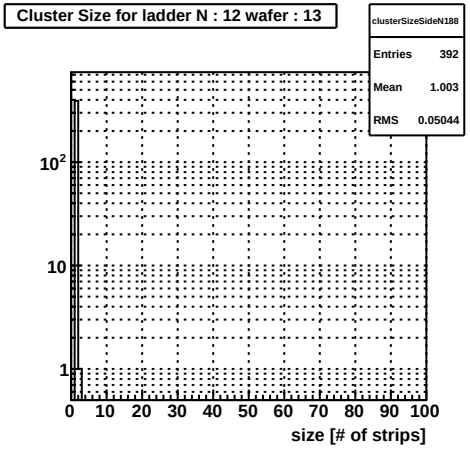

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1155
Mean 1.058
RMS 0.2746
size [# of strips]

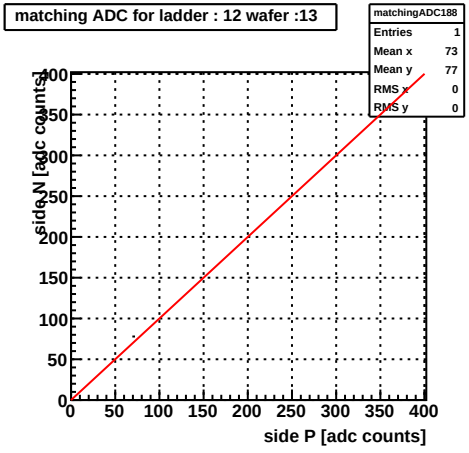

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

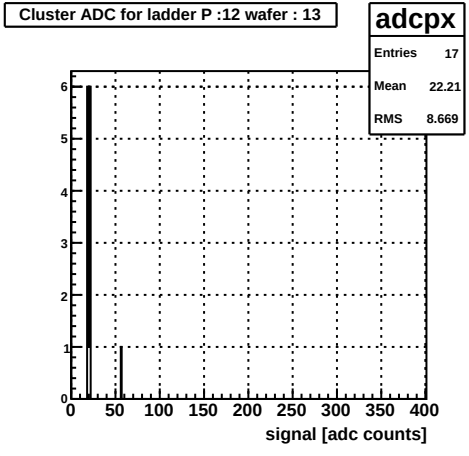

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 118
Mean 21.78
RMS 2.439
signal [adc counts]

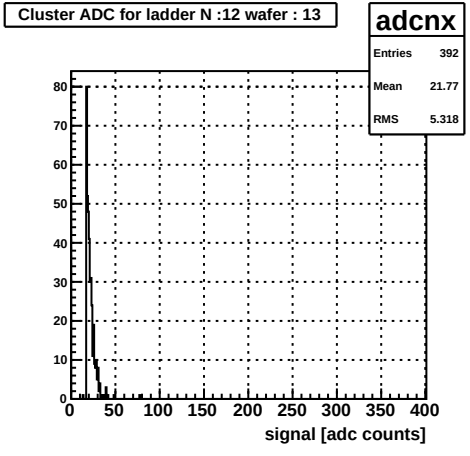

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1155
Mean 17.16
RMS 5.423
signal [adc counts]

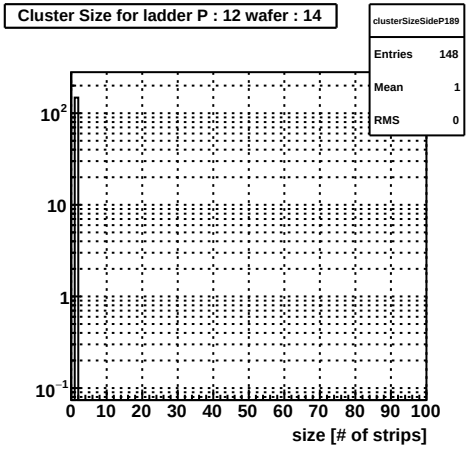

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 17
Mean 1.059
RMS 0.2353
size [# of strips]

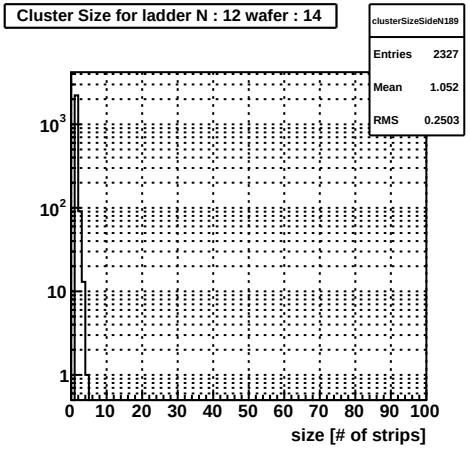

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 392
Mean 1.003
RMS 0.05044
size [# of strips]

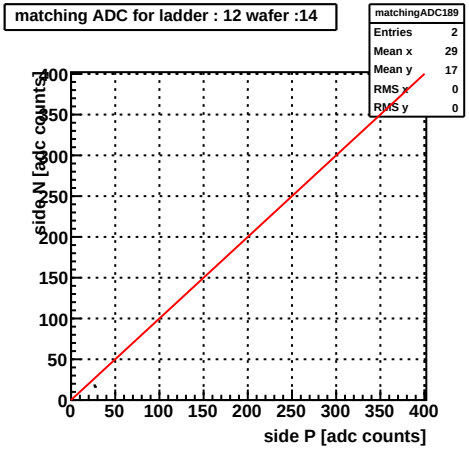

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 73
Mean y 77
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

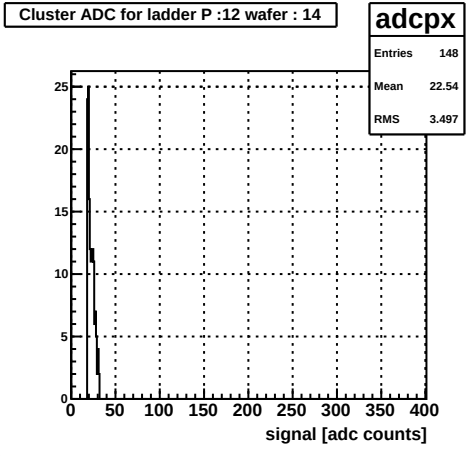

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 17
Mean 22.21
RMS 8.669
signal [adc counts]

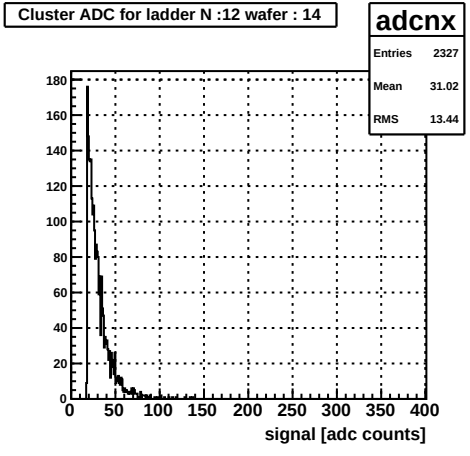

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 392
Mean 21.77
RMS 5.318
signal [adc counts]

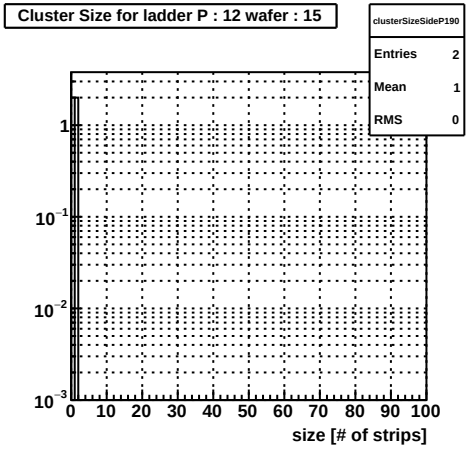

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 148
Mean 1
RMS 0
size [# of strips]

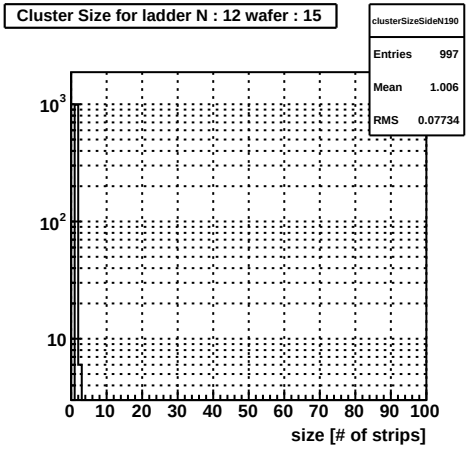

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2327
Mean 1.052
RMS 0.2503
size [# of strips]

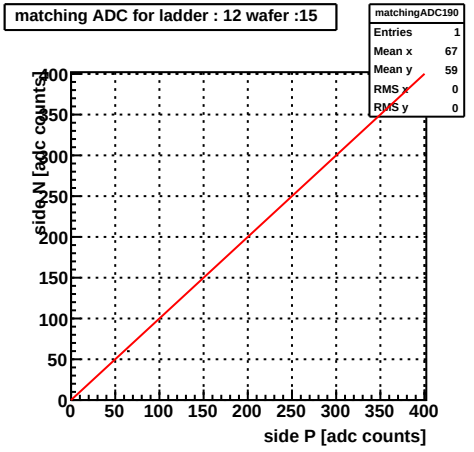

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2
Mean x 29
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

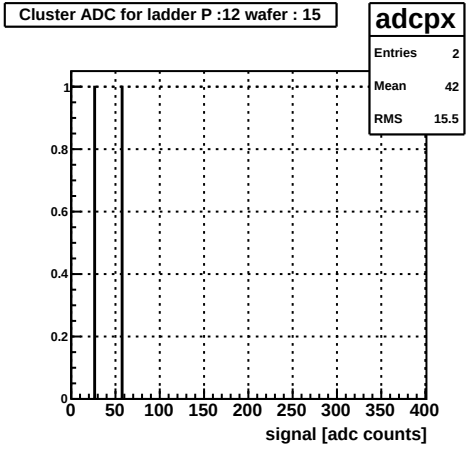

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 148
Mean 22.54
RMS 3.497
signal [adc counts]

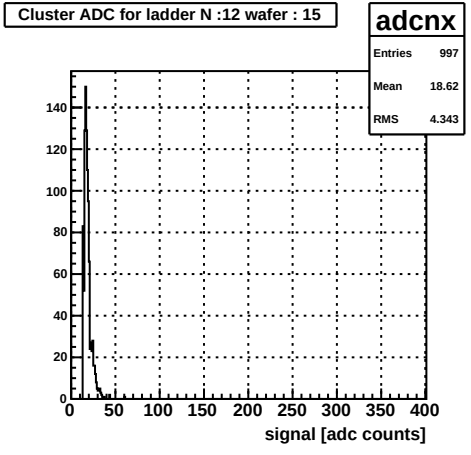

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2327
Mean 31.02
RMS 13.44
signal [adc counts]

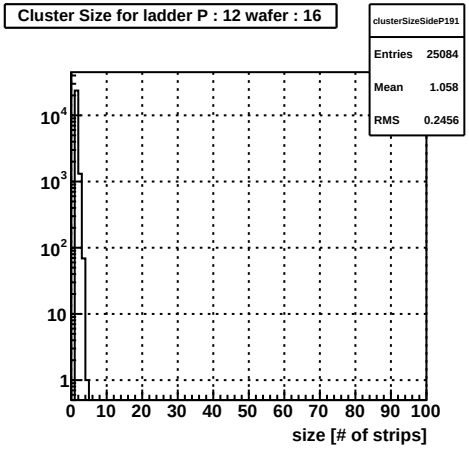

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 2
Mean 1
RMS 0
size [# of strips]

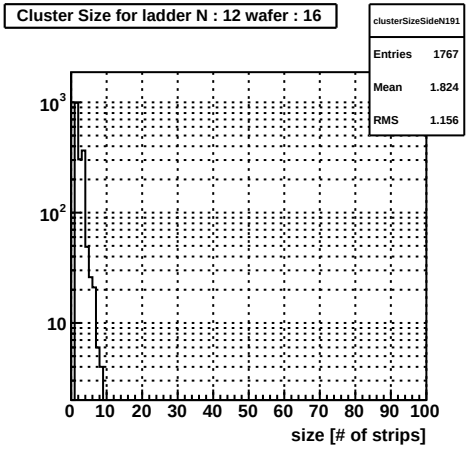

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 997
Mean 1.006
RMS 0.07734
size [# of strips]

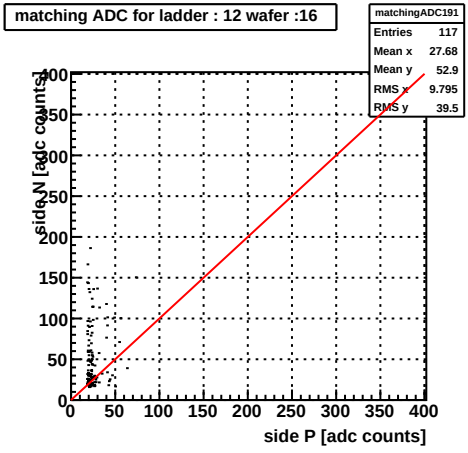

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1
Mean x 67
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

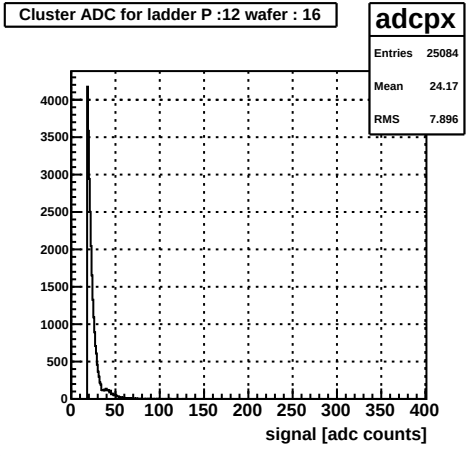

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 2
Mean 42
RMS 15.5
signal [adc counts]

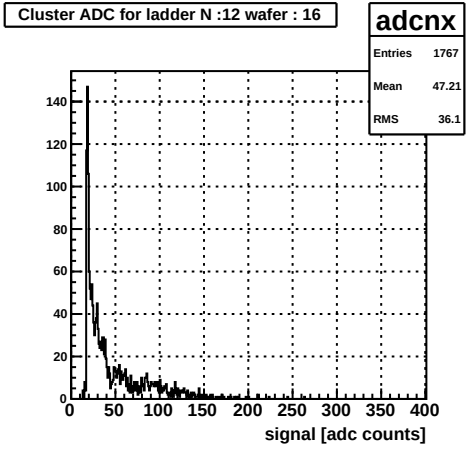

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 997
Mean 18.62
RMS 4.343
signal [adc counts]

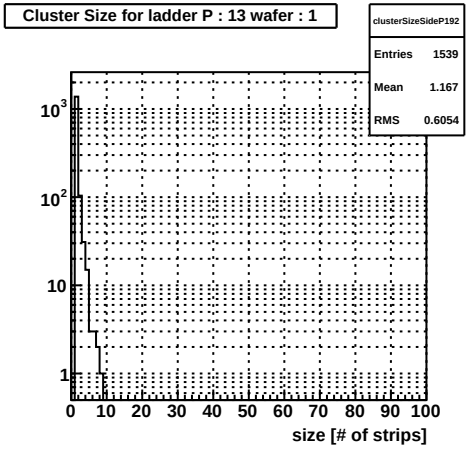

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 25084
Mean 1.058
RMS 0.2456
size [# of strips]

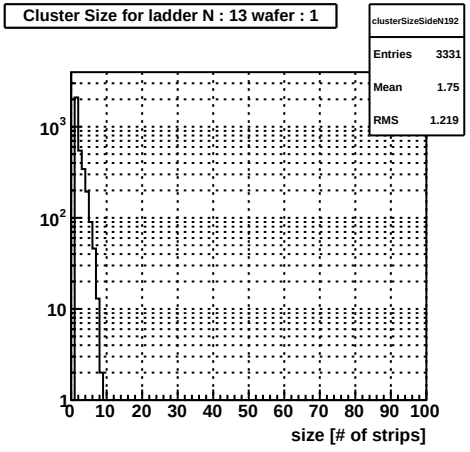

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1767
Mean 1.824
RMS 1.156
size [# of strips]

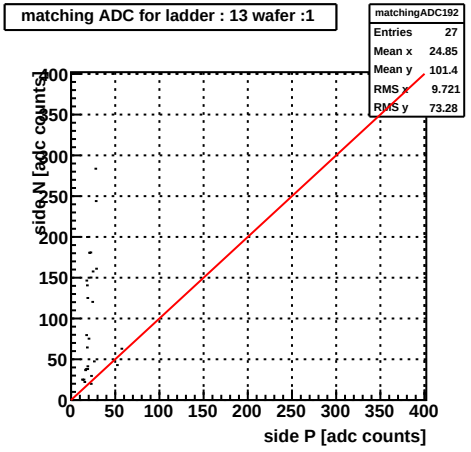

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 117
Mean x 27.68
Mean y 52.9
RMS x 9.795
RMS y 39.5
side N [adc counts]
side P [adc counts]

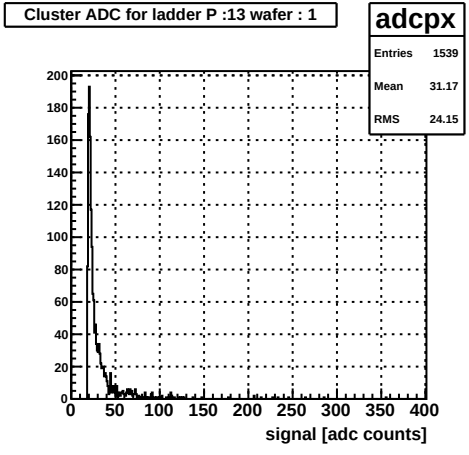

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 25084
Mean 24.17
RMS 7.896
signal [adc counts]

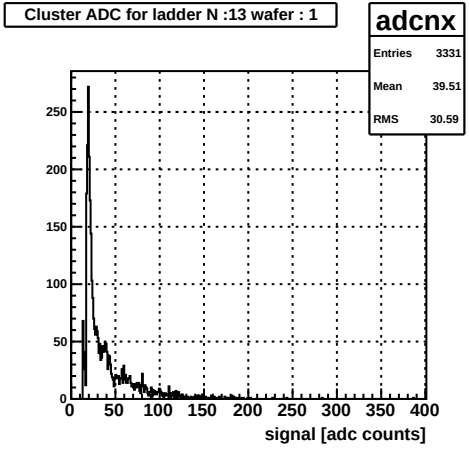

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1767
Mean 47.21
RMS 36.1
signal [adc counts]

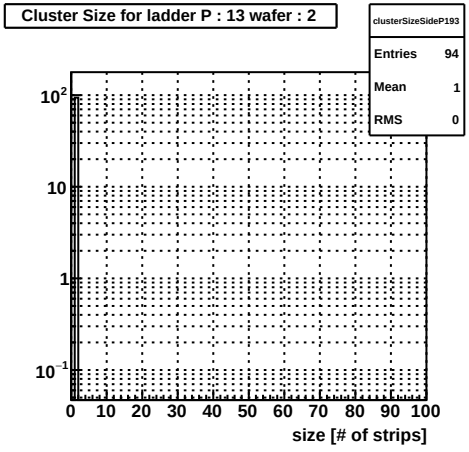

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1539
Mean 1.167
RMS 0.6054
size [# of strips]

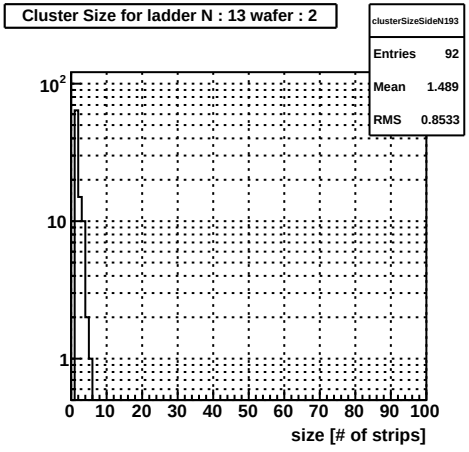

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3331
Mean 1.75
RMS 1.219
size [# of strips]

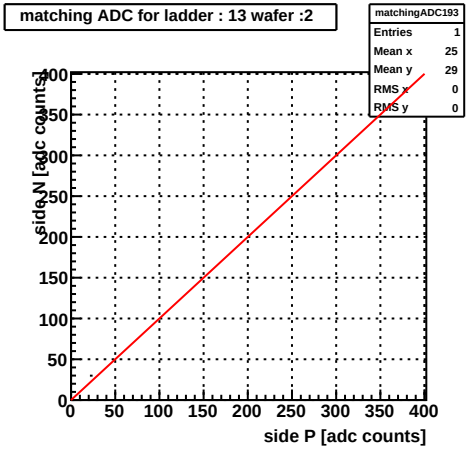

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 27
Mean x 24.85
Mean y 101.4
RMS x 9.721
RMS y 73.28
side N [adc counts]
side P [adc counts]

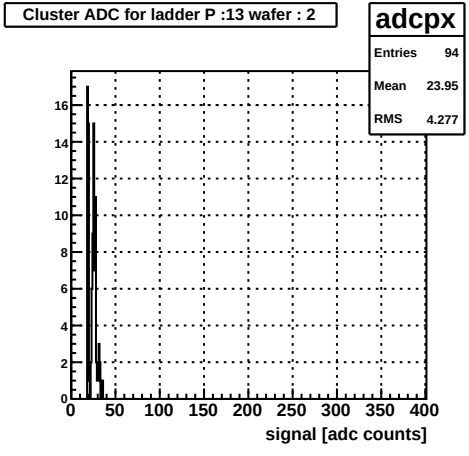

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1539
Mean 31.17
RMS 24.15
signal [adc counts]

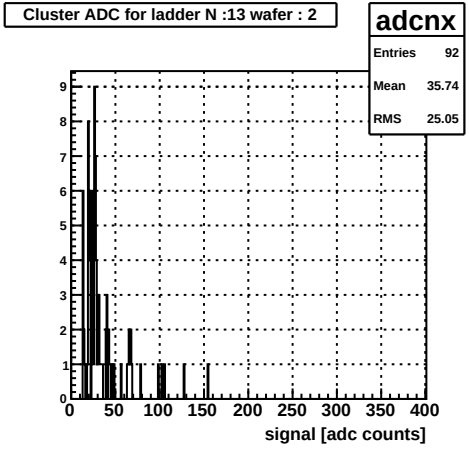

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3331
Mean 39.51
RMS 30.59
signal [adc counts]

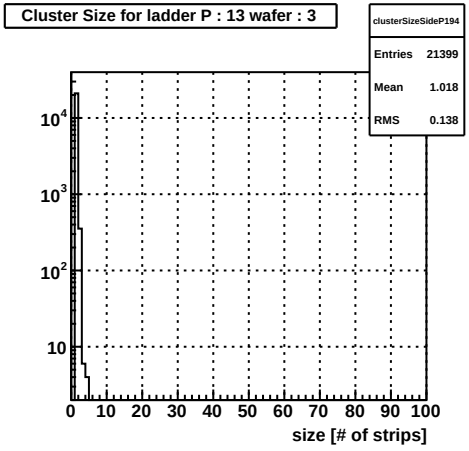

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 94
Mean 1
RMS 0
size [# of strips]

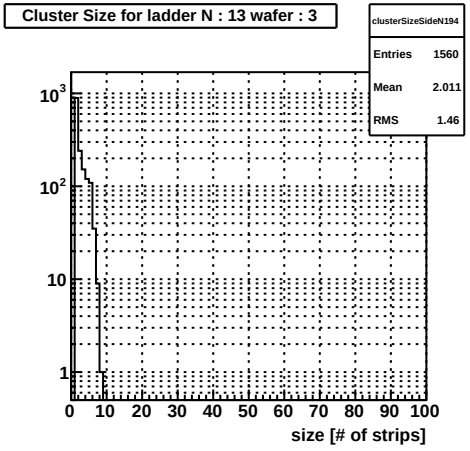

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 92
Mean 1.489
RMS 0.8533
size [# of strips]

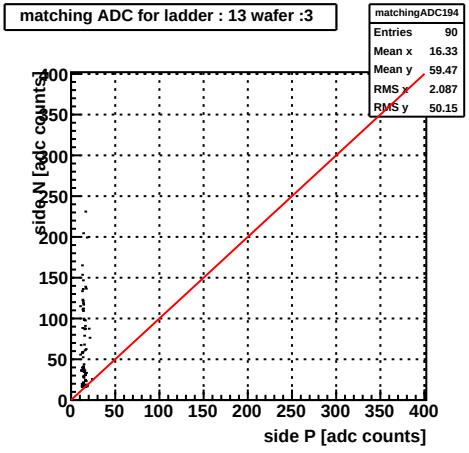

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1
Mean x 25
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

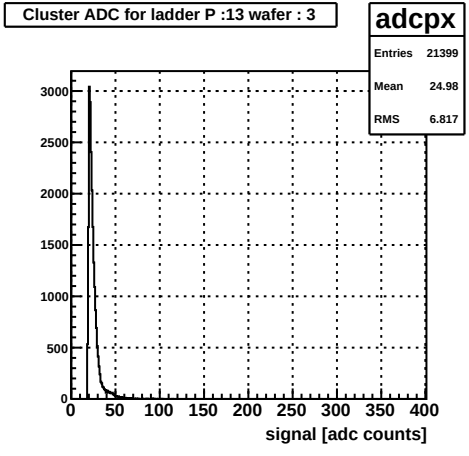

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 94
Mean 23.95
RMS 4.277
signal [adc counts]

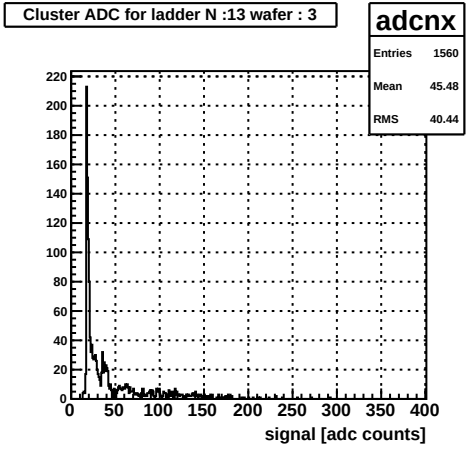

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 92
Mean 35.74
RMS 25.05
signal [adc counts]

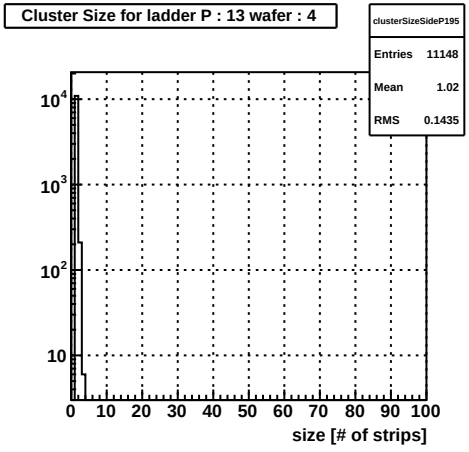

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 21399
Mean 1.018
RMS 0.138
size [# of strips]

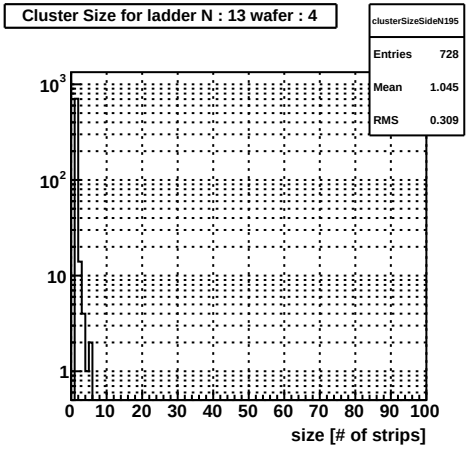

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1560
Mean 2.011
RMS 1.46
size [# of strips]

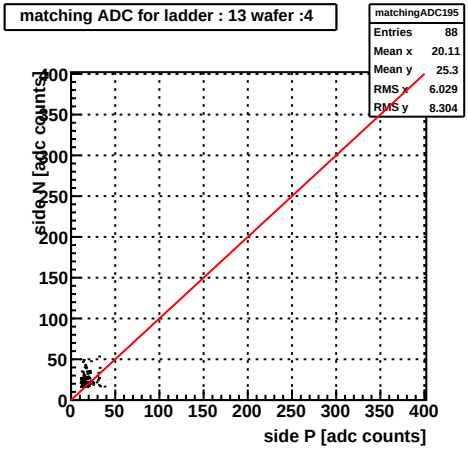

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 90
Mean x 16.33
Mean y 59.47
RMS x 2.087
RMS y 50.15
side N [adc counts]
side P [adc counts]

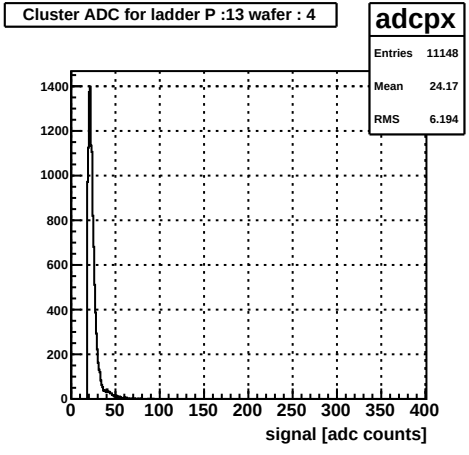

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 21399
Mean 24.98
RMS 6.817
signal [adc counts]

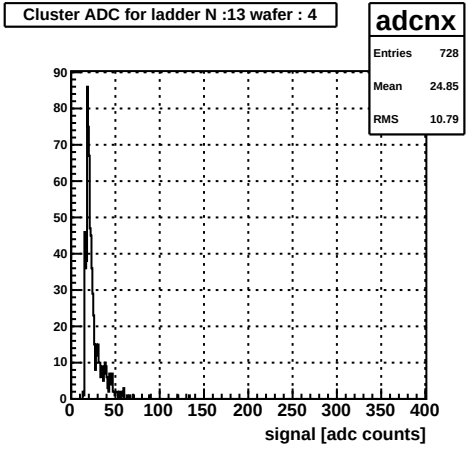

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1560
Mean 45.48
RMS 40.44
signal [adc counts]

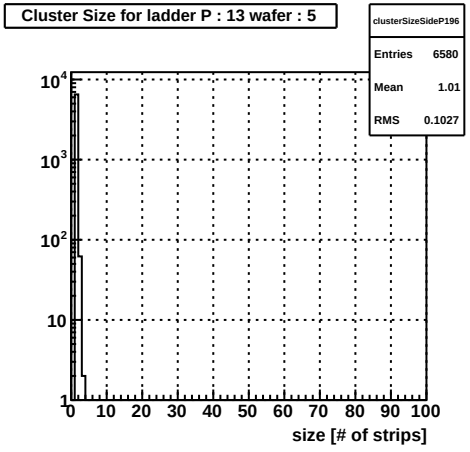

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 11148
Mean 1.02
RMS 0.1435
size [# of strips]

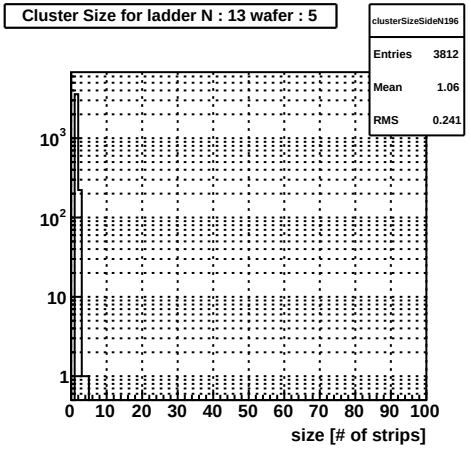

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 728
Mean 1.045
RMS 0.309
size [# of strips]

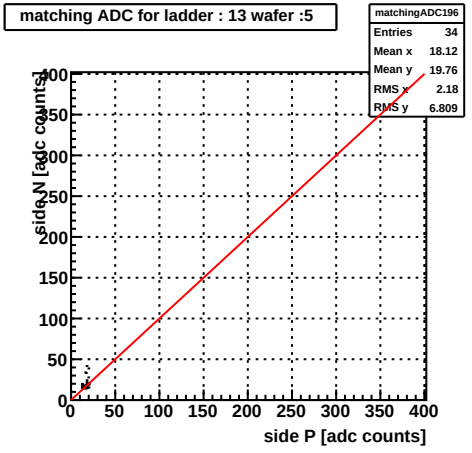

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 88
Mean x 20.11
Mean y 25.3
RMS x 6.029
RMS y 8.304
side N [adc counts]
side P [adc counts]

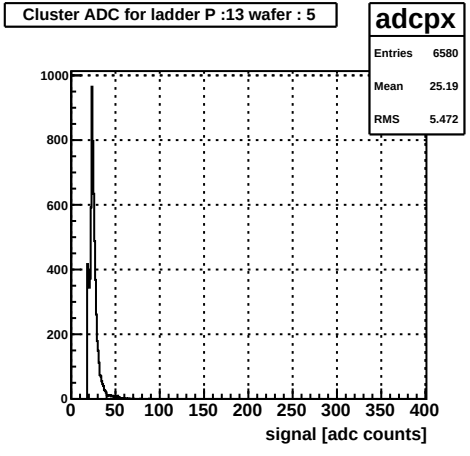

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 11148
Mean 24.17
RMS 6.194
signal [adc counts]

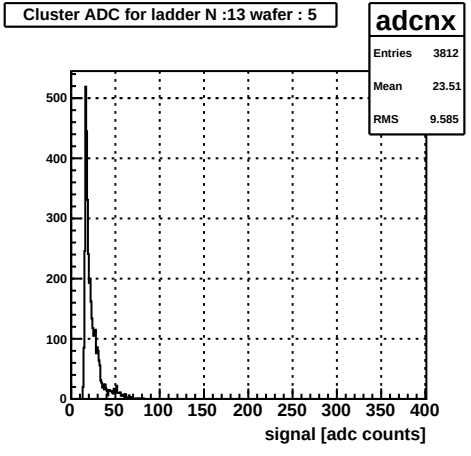

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 728
Mean 24.85
RMS 10.79
signal [adc counts]

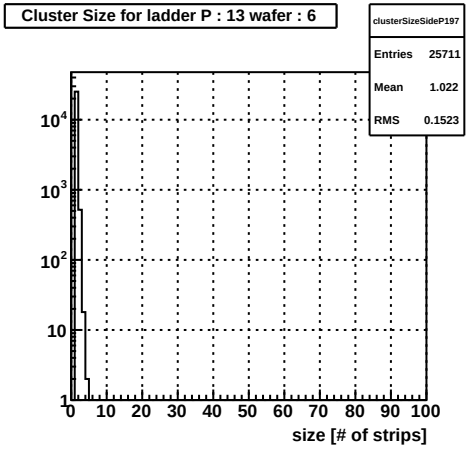

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6580
Mean 1.01
RMS 0.1027
size [# of strips]

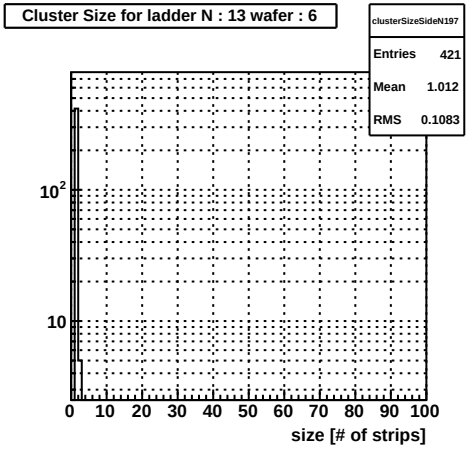

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3812
Mean 1.06
RMS 0.241
size [# of strips]

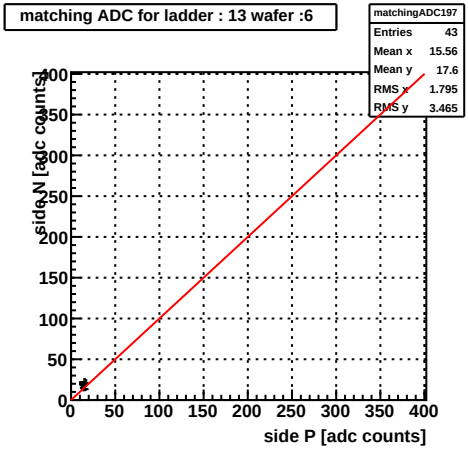

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 34
Mean x 18.12
Mean y 19.76
RMS x 2.18
RMS y 6.809
side N [adc counts]
side P [adc counts]

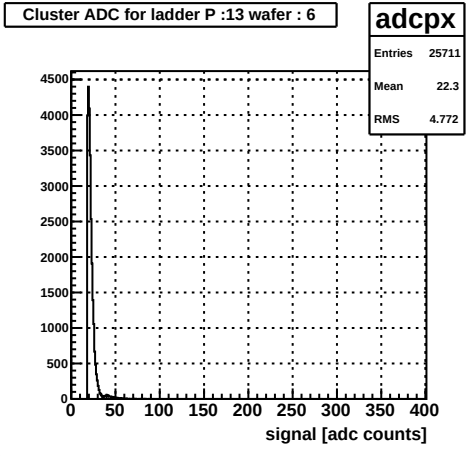

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6580
Mean 25.19
RMS 5.472
signal [adc counts]

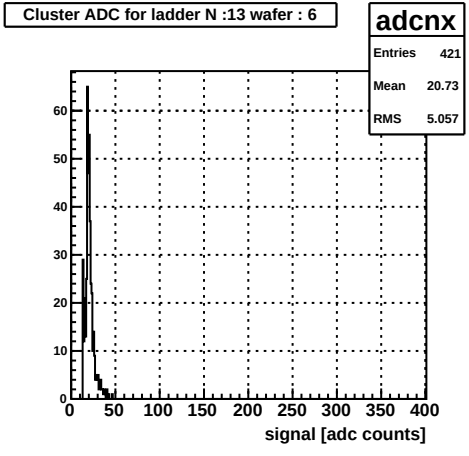

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3812
Mean 23.51
RMS 9.585
signal [adc counts]

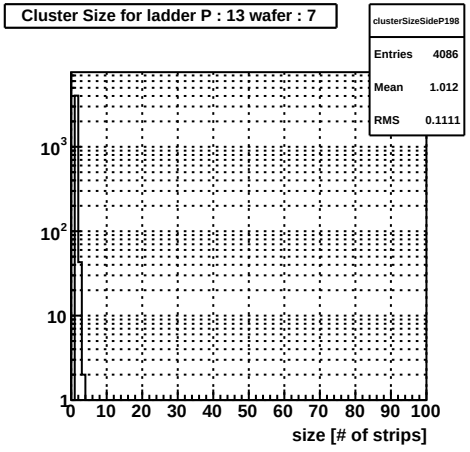

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 25711
Mean 1.022
RMS 0.1523
size [# of strips]

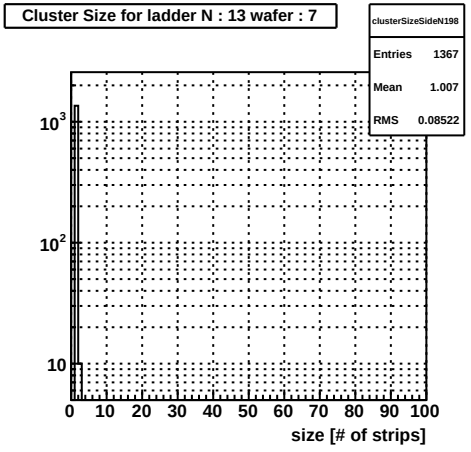

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 421
Mean 1.012
RMS 0.1083
size [# of strips]

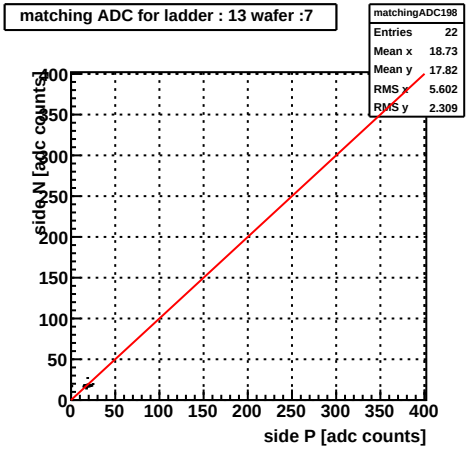

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 43
Mean x 15.56
Mean y 17.6
RMS x 1.795
RMS y 3.465
side N [adc counts]
side P [adc counts]

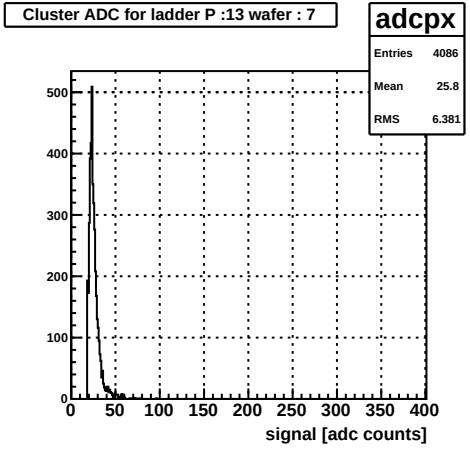

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 25711
Mean 22.3
RMS 4.772
signal [adc counts]

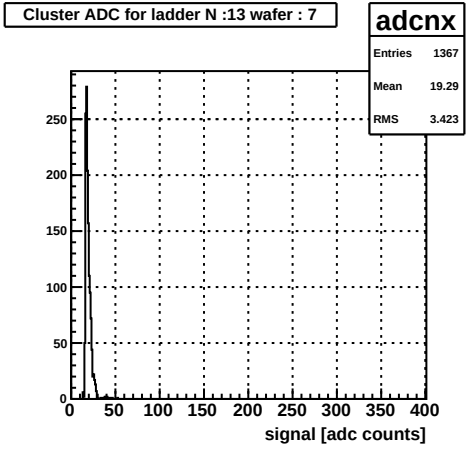

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 421
Mean 20.73
RMS 5.057
signal [adc counts]

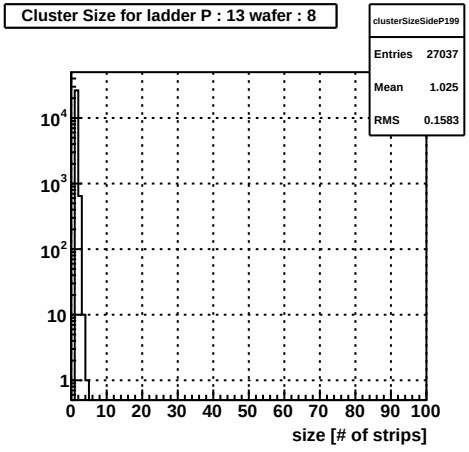

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 4086
Mean 1.012
RMS 0.1111
size [# of strips]

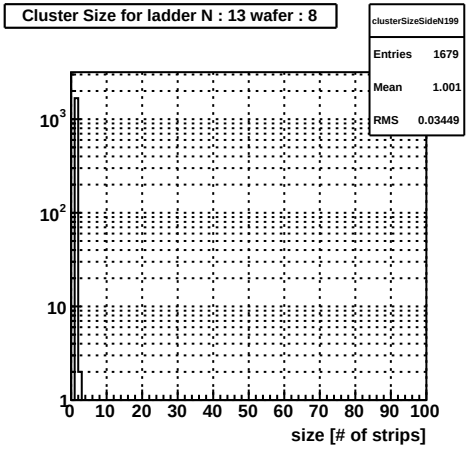

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1367
Mean 1.007
RMS 0.08522
size [# of strips]

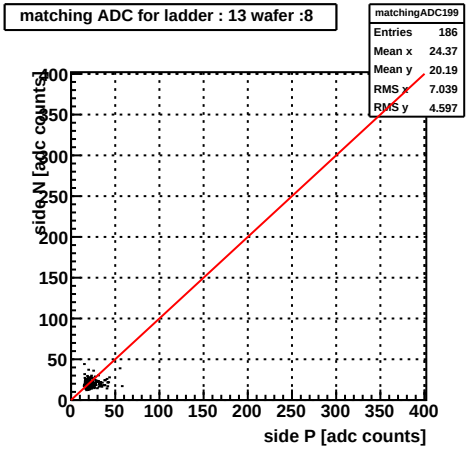

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 22
Mean x 18.73
Mean y 17.82
RMS x 5.602
RMS y 2.309
side N [adc counts]
side P [adc counts]

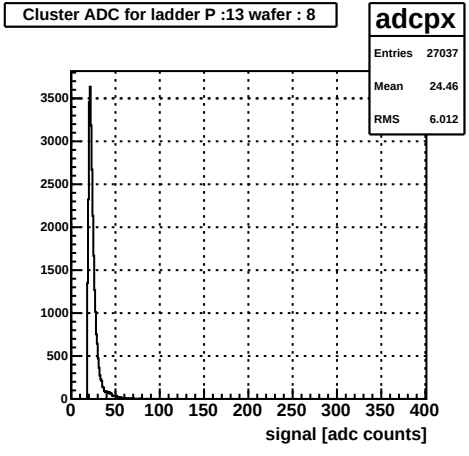

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 4086
Mean 25.8
RMS 6.381
signal [adc counts]

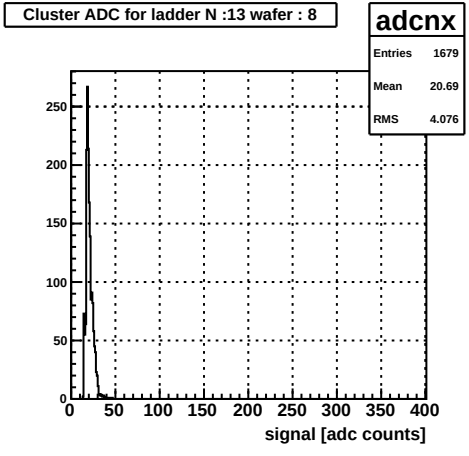

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1367
Mean 19.29
RMS 3.423
signal [adc counts]

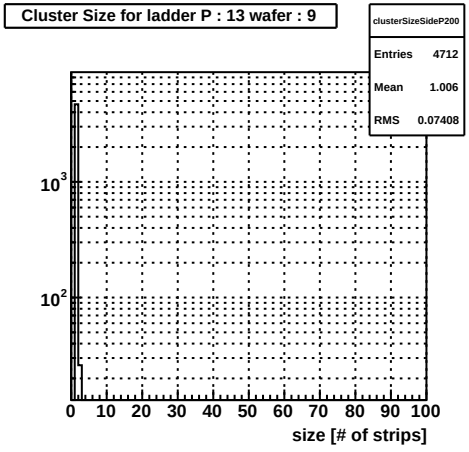

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 27037
Mean 1.025
RMS 0.1583
size [# of strips]

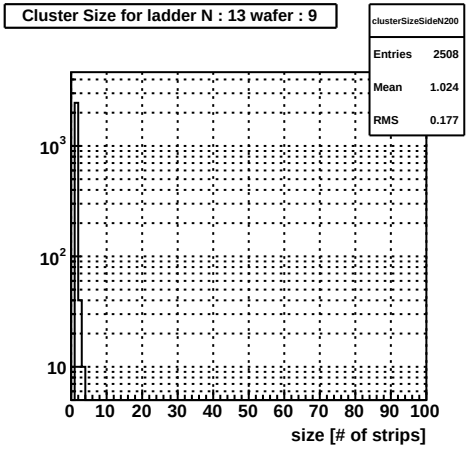

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1679
Mean 1.001
RMS 0.03449
size [# of strips]

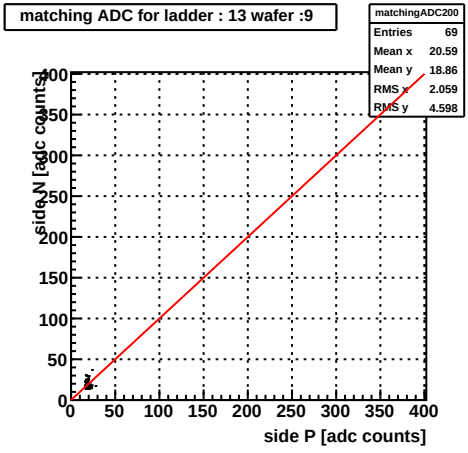

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 186
Mean x 24.37
Mean y 20.19
RMS x 7.039
RMS y 4.597
side N [adc counts]
side P [adc counts]

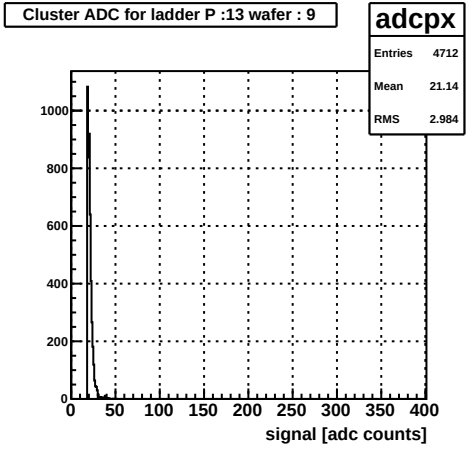

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 27037
Mean 24.46
RMS 6.012
signal [adc counts]

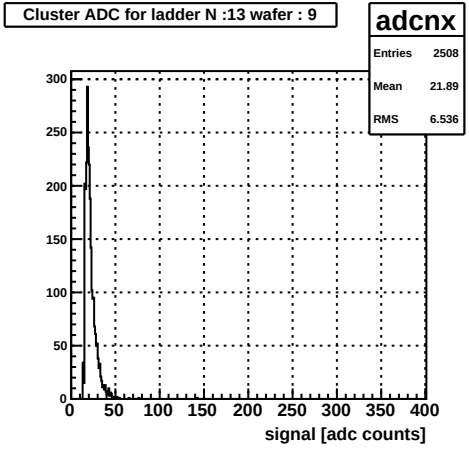

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1679
Mean 20.69
RMS 4.076
signal [adc counts]

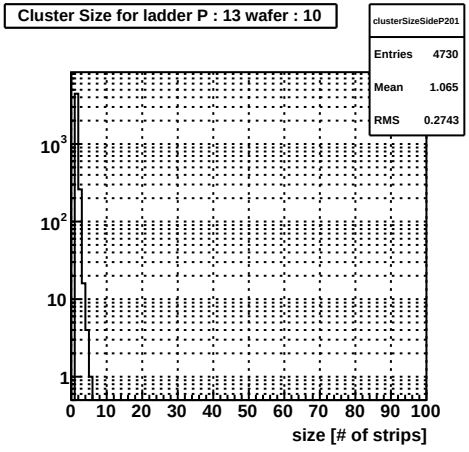

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4712
Mean 1.006
RMS 0.07408
size [# of strips]

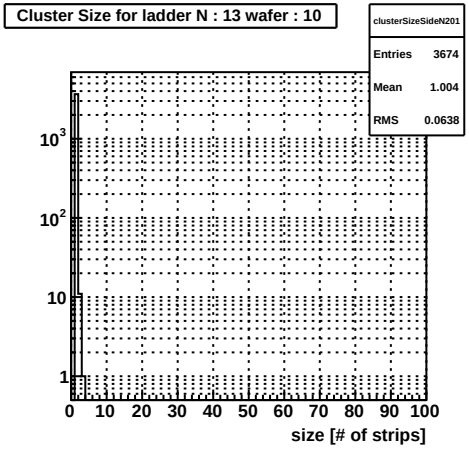

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2508
Mean 1.024
RMS 0.177
size [# of strips]

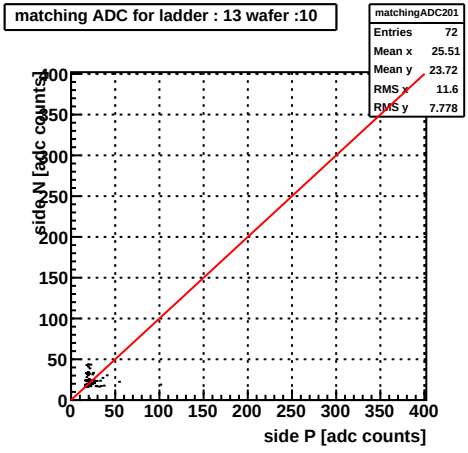

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 69
Mean x 20.59
Mean y 18.86
RMS x 2.059
RMS y 4.598
side N [adc counts]
side P [adc counts]

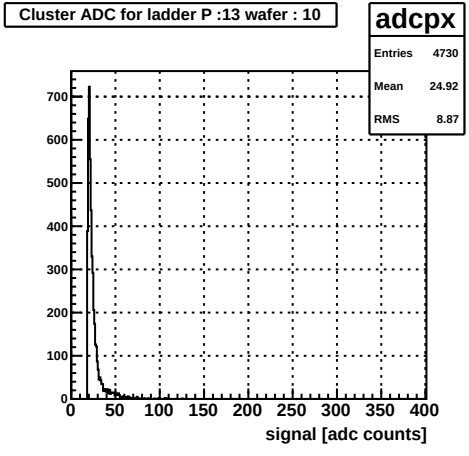

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4712
Mean 21.14
RMS 2.984
signal [adc counts]

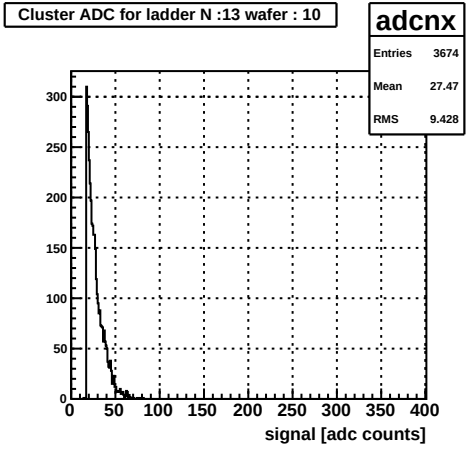

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2508
Mean 21.89
RMS 6.536
signal [adc counts]

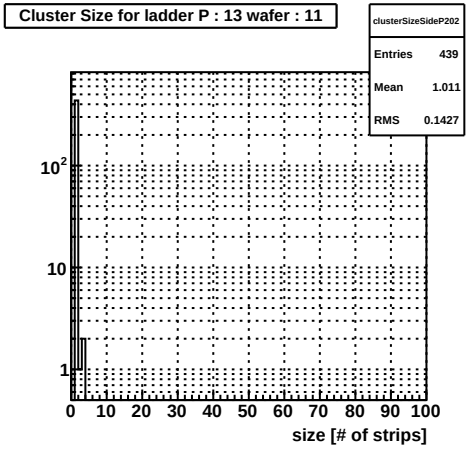

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4730
Mean 1.065
RMS 0.2743
size [# of strips]

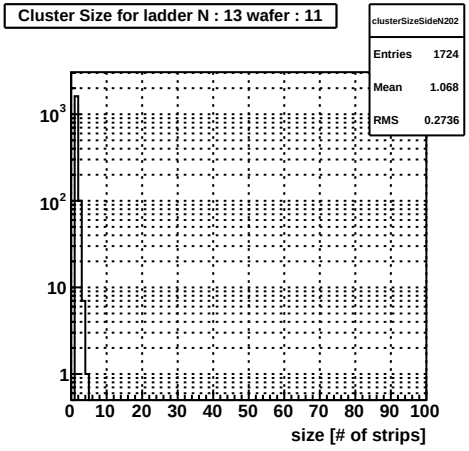

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3674
Mean 1.004
RMS 0.0638
size [# of strips]

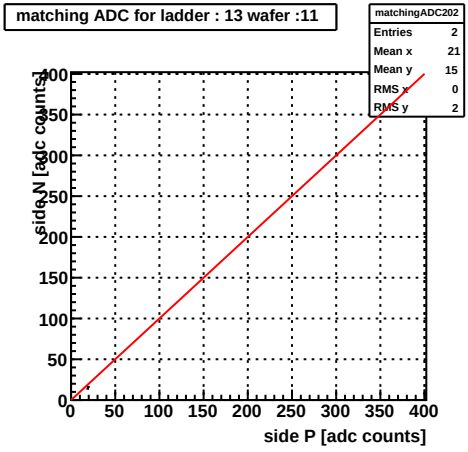

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 72
Mean x 25.51
Mean y 23.72
RMS x 11.6
RMS y 7.778
side N [adc counts]
side P [adc counts]

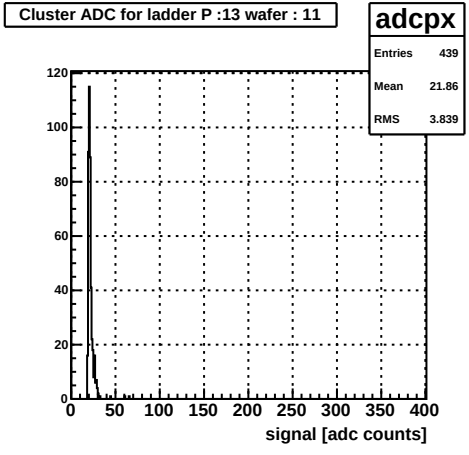

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4730
Mean 24.92
RMS 8.87
signal [adc counts]

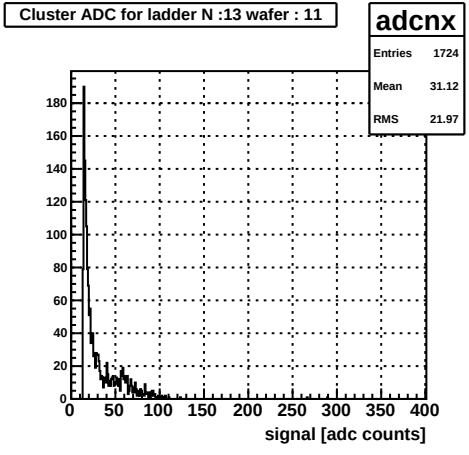

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3674
Mean 27.47
RMS 9.428
signal [adc counts]

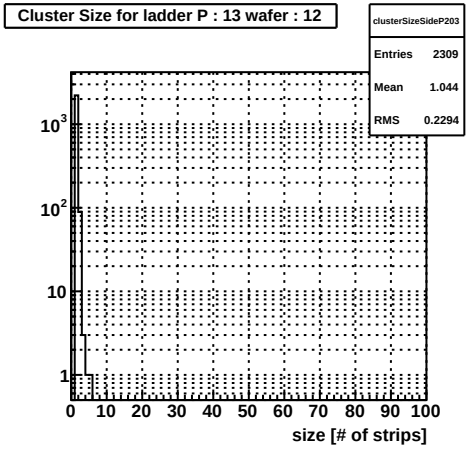

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 439
Mean 1.011
RMS 0.1427
size [# of strips]

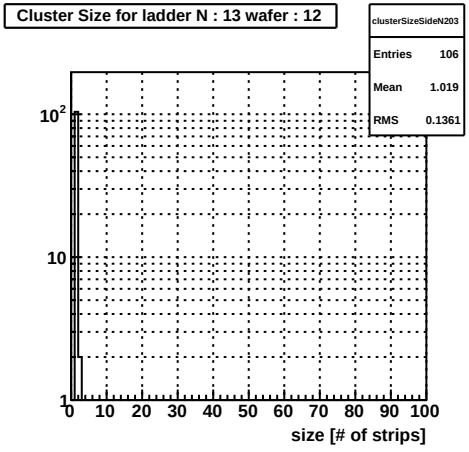

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1724
Mean 1.068
RMS 0.2736
size [# of strips]

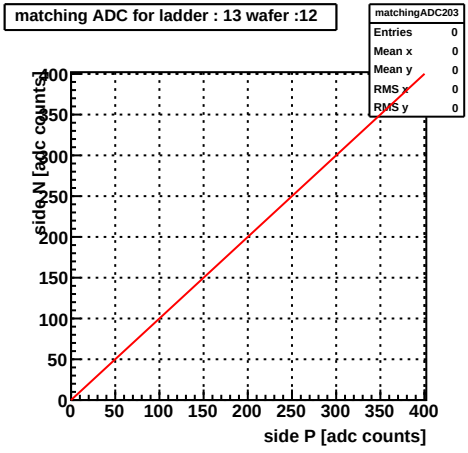

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 2
Mean x 21
Mean y 15
RMS x 0
RMS y 2
side N [adc counts]
side P [adc counts]

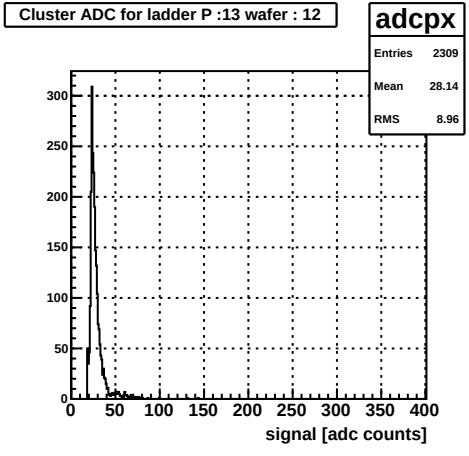

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 439
Mean 21.86
RMS 3.839
signal [adc counts]

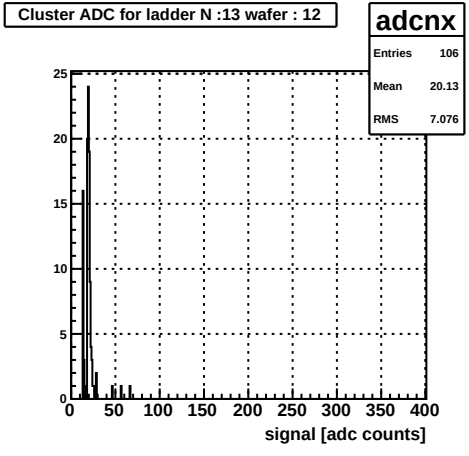

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1724
Mean 31.12
RMS 21.97
signal [adc counts]

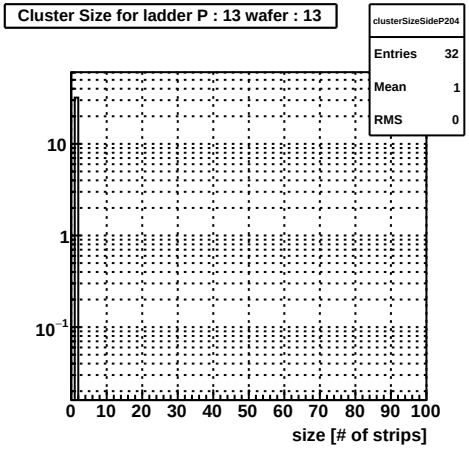

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2309
Mean 1.044
RMS 0.2294
size [# of strips]

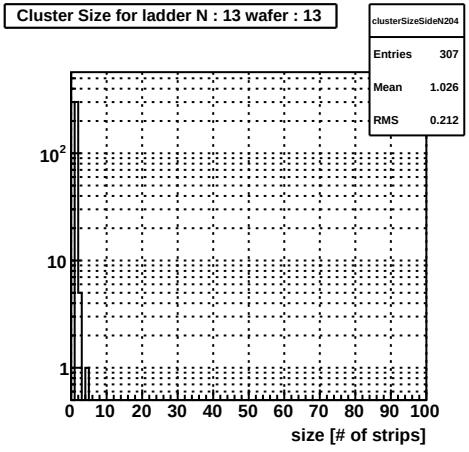

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 106
Mean 1.019
RMS 0.1361
size [# of strips]

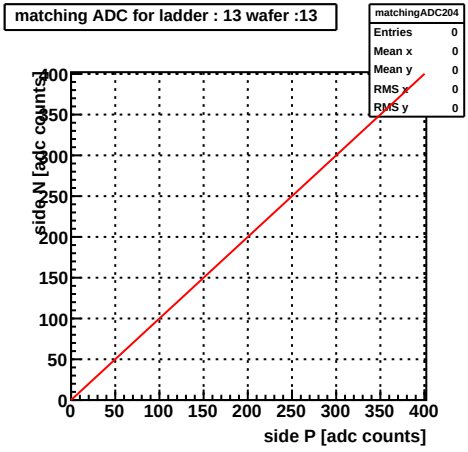

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

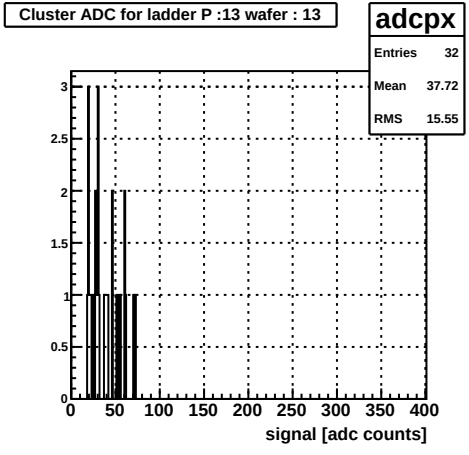

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2309
Mean 28.14
RMS 8.96
signal [adc counts]

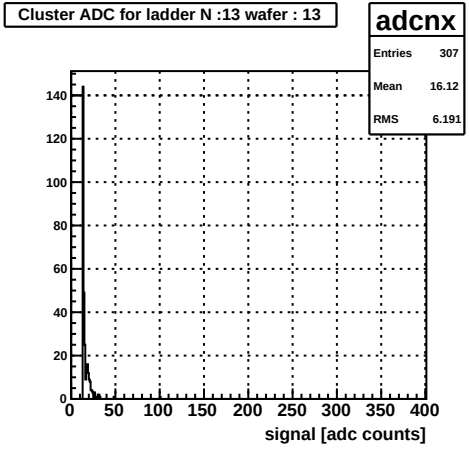

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 106
Mean 20.13
RMS 7.076
signal [adc counts]

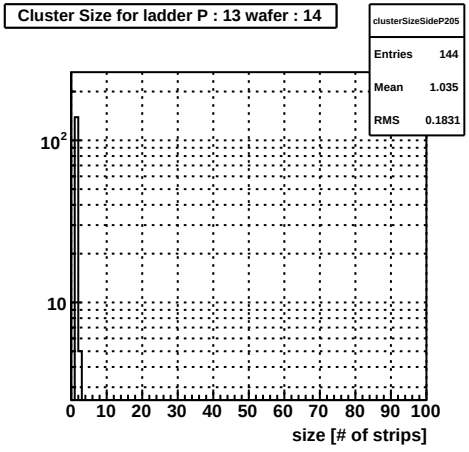

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 32
Mean 1
RMS 0
size [# of strips]

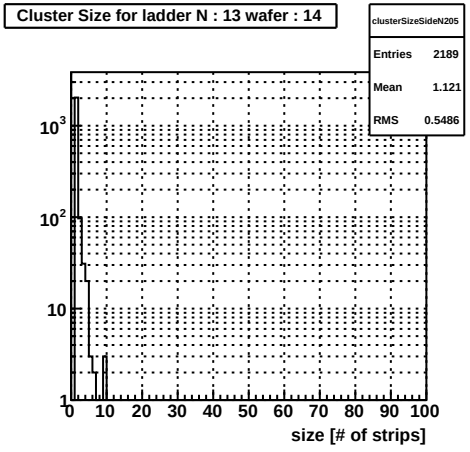

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 307
Mean 1.026
RMS 0.212
size [# of strips]

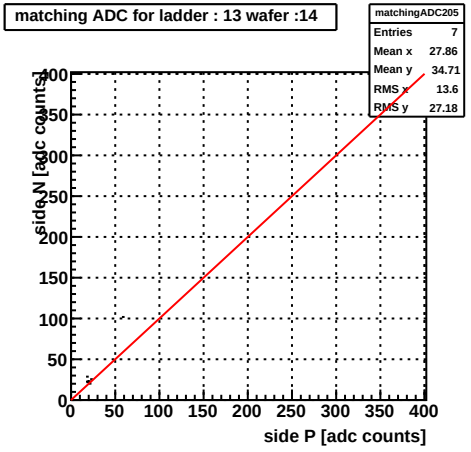

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

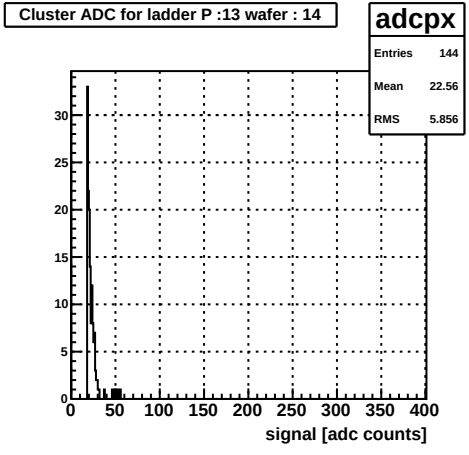

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 32
Mean 37.72
RMS 15.55
signal [adc counts]

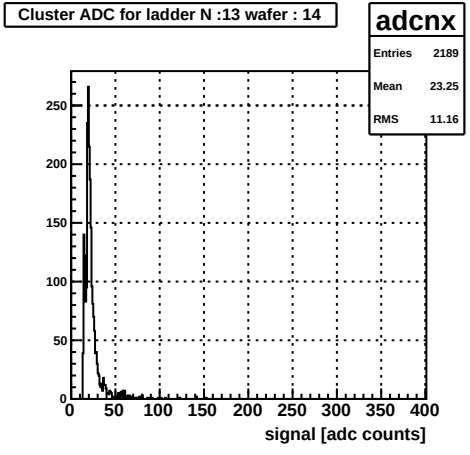

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 307
Mean 16.12
RMS 6.191
signal [adc counts]

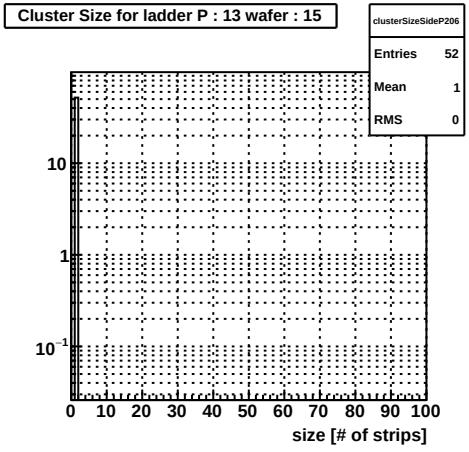

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 144
Mean 1.035
RMS 0.1831
size [# of strips]

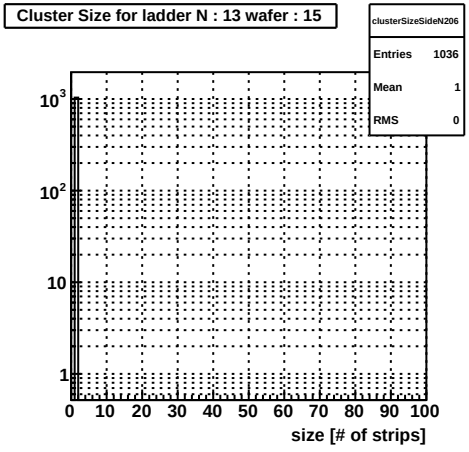

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2189
Mean 1.121
RMS 0.5486
size [# of strips]

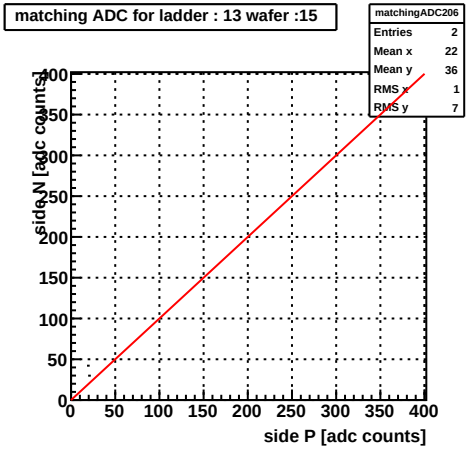

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 7
Mean x 27.86
Mean y 34.71
RMS x 13.6
RMS y 27.18
side N [adc counts]
side P [adc counts]

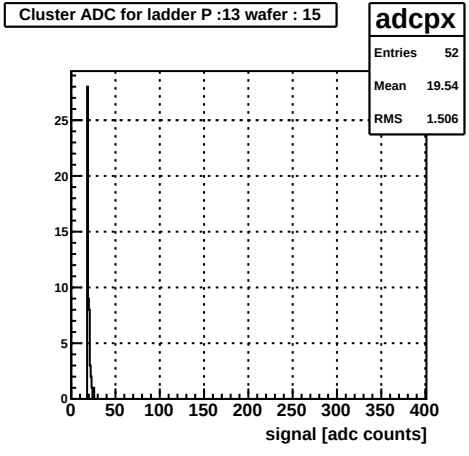

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 144
Mean 22.56
RMS 5.856
signal [adc counts]

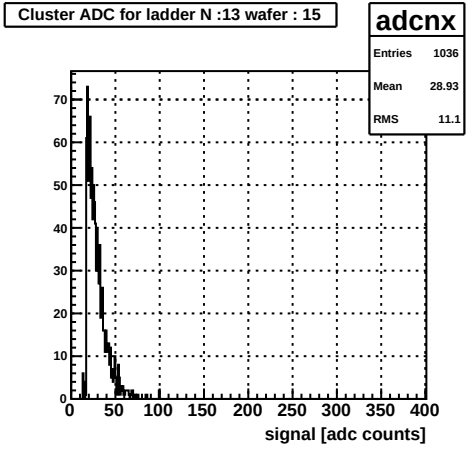

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2189
Mean 23.25
RMS 11.16
signal [adc counts]

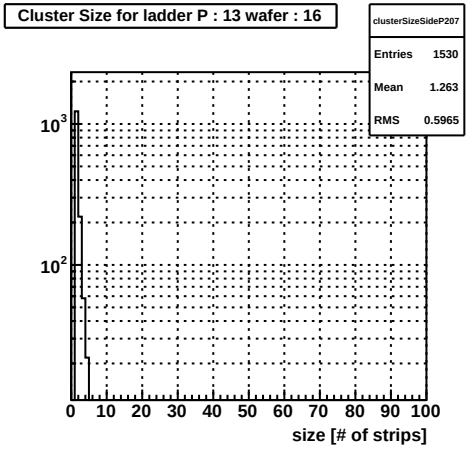

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 52
Mean 1
RMS 0
size [# of strips]

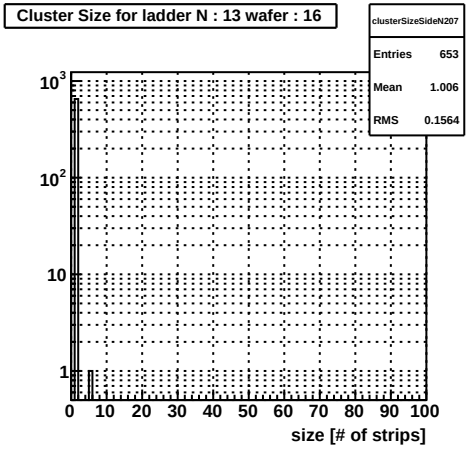

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1036
Mean 1
RMS 0
size [# of strips]

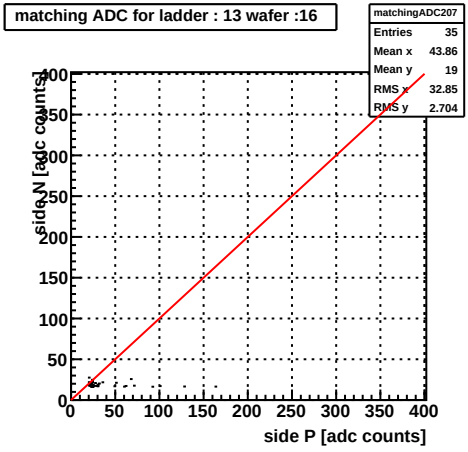

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 2
Mean x 22
Mean y 36
RMS x 1
RMS y 7
side N [adc counts]
side P [adc counts]

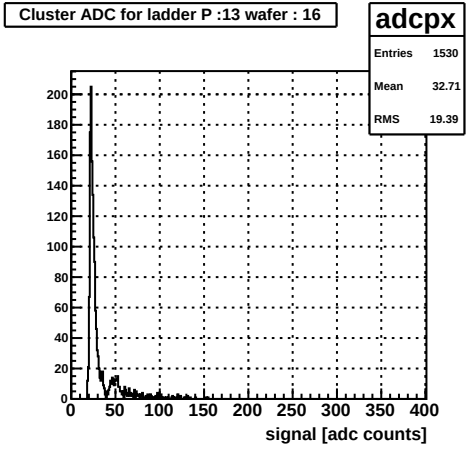

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 52
Mean 19.54
RMS 1.506
signal [adc counts]

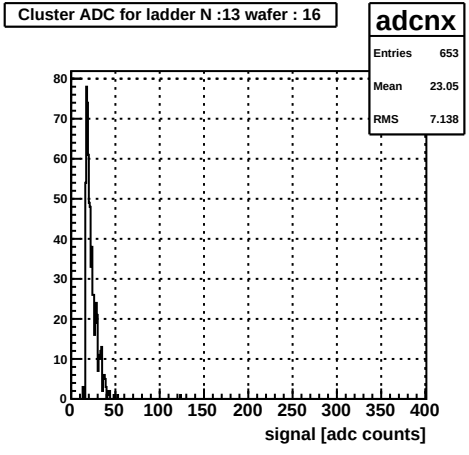

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1036
Mean 28.93
RMS 11.1
signal [adc counts]

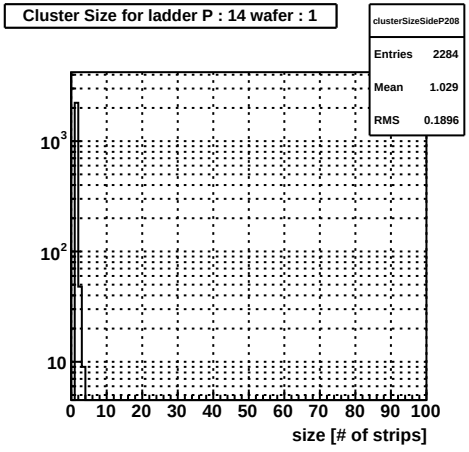

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1530
Mean 1.263
RMS 0.5965
size [# of strips]

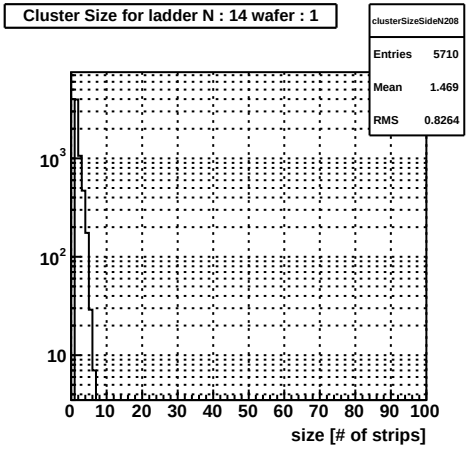

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 653
Mean 1.006
RMS 0.1564
size [# of strips]

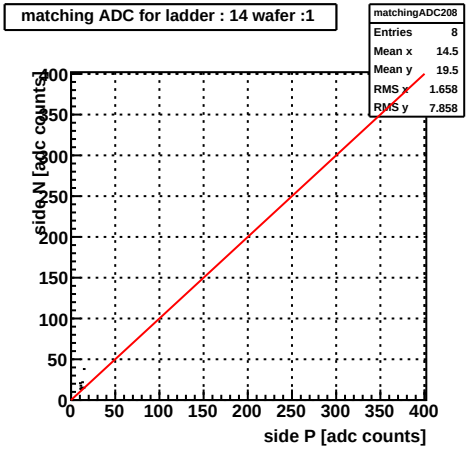

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 35
Mean x 43.86
Mean y 19
RMS x 32.85
RMS y 2.704
side N [adc counts]
side P [adc counts]

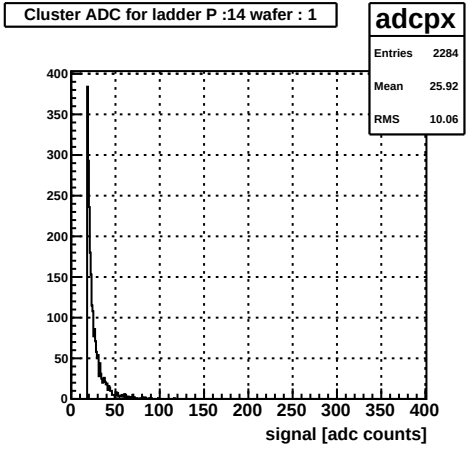

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1530
Mean 32.71
RMS 19.39
signal [adc counts]

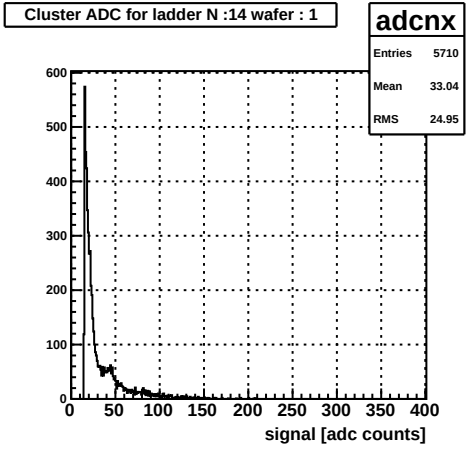

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 653
Mean 23.05
RMS 7.138
signal [adc counts]

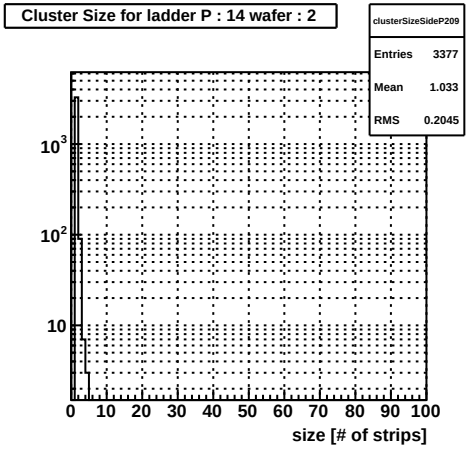

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2284
Mean 1.029
RMS 0.1896
size [# of strips]

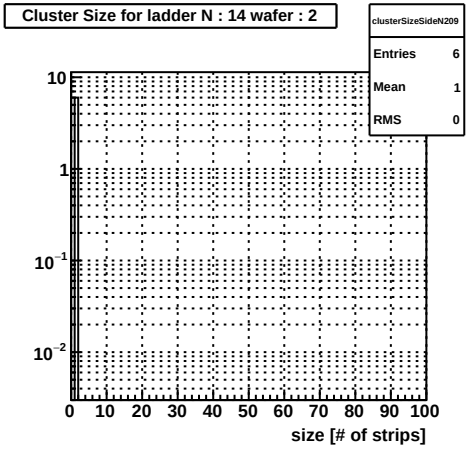

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5710
Mean 1.469
RMS 0.8264
size [# of strips]

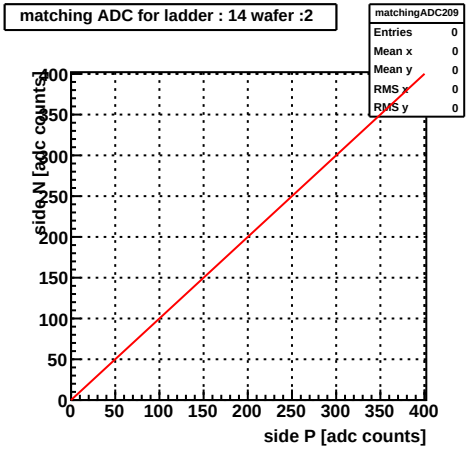

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 8
Mean x 14.5
Mean y 19.5
RMS x 1.658
RMS y 7.858
side N [adc counts]
side P [adc counts]

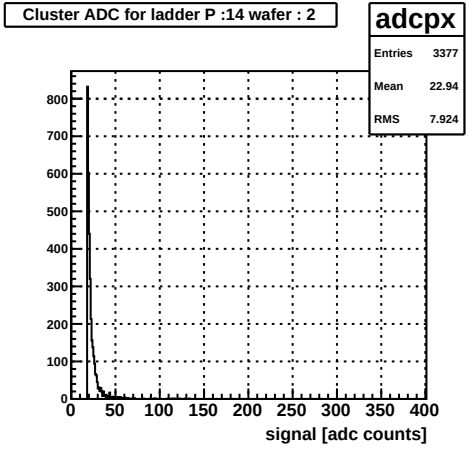

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2284
Mean 25.92
RMS 10.06
signal [adc counts]

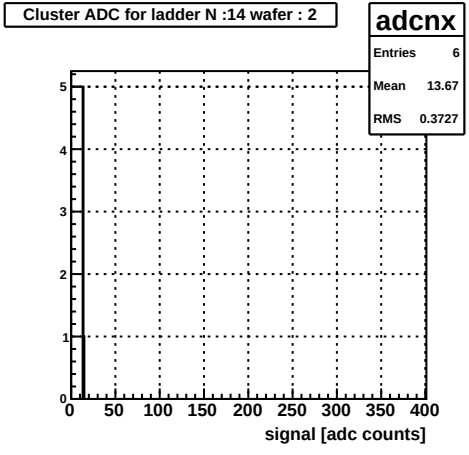

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5710
Mean 33.04
RMS 24.95
signal [adc counts]

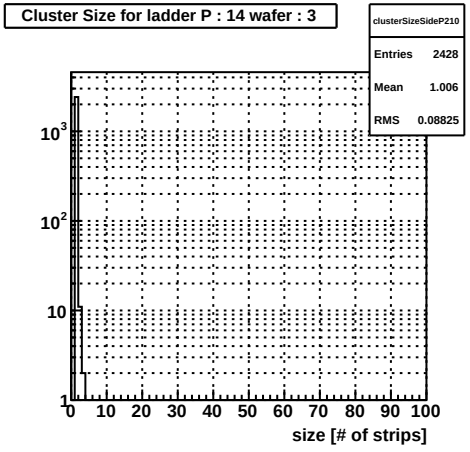

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 3377
Mean 1.033
RMS 0.2045
size [# of strips]

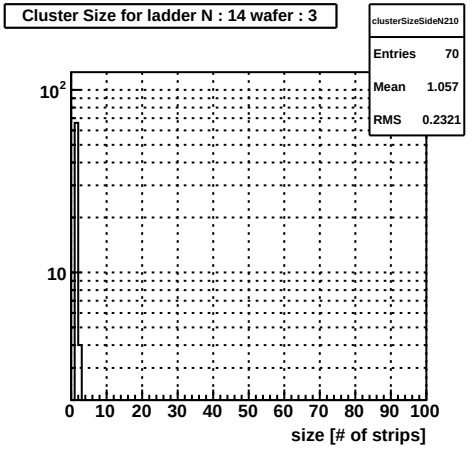

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6
Mean 1
RMS 0
size [# of strips]

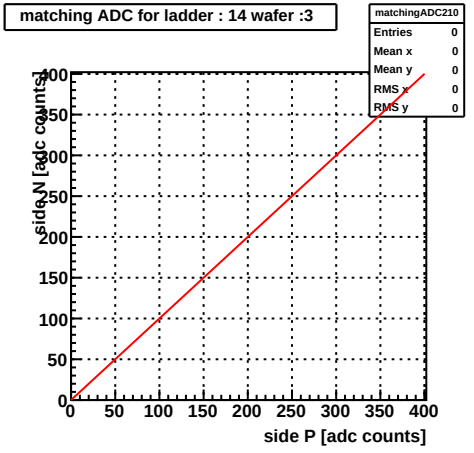

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

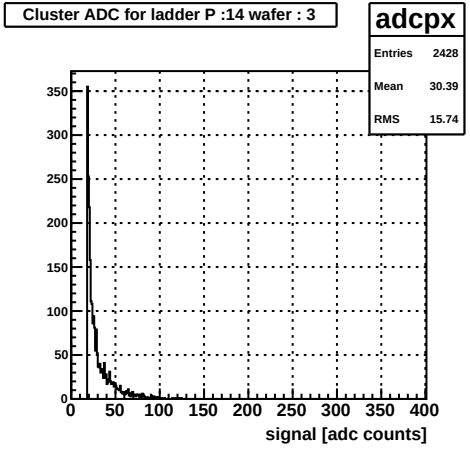

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 3377
Mean 22.94
RMS 7.924
signal [adc counts]

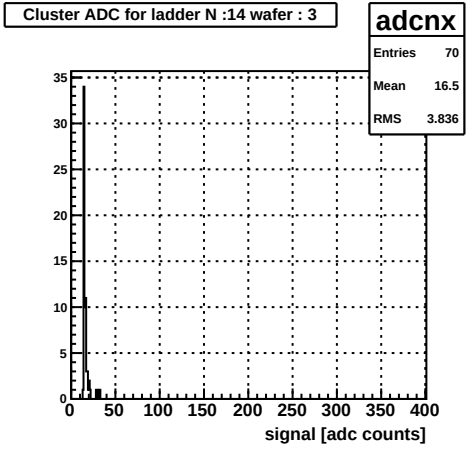

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6
Mean 13.67
RMS 0.3727
signal [adc counts]

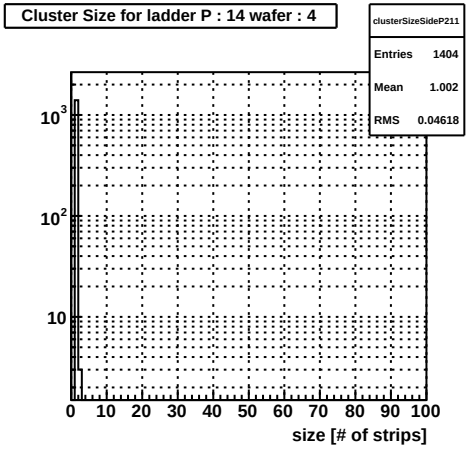

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2428
Mean 1.006
RMS 0.08825
size [# of strips]

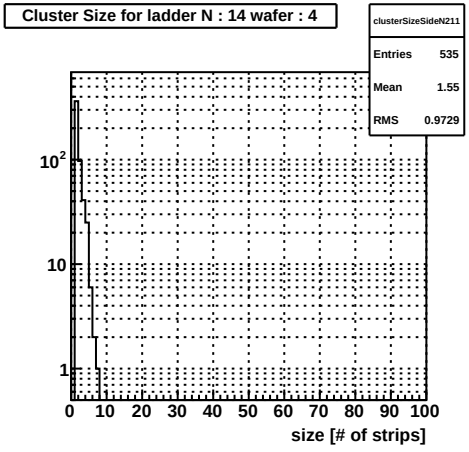

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 70
Mean 1.057
RMS 0.2321
size [# of strips]

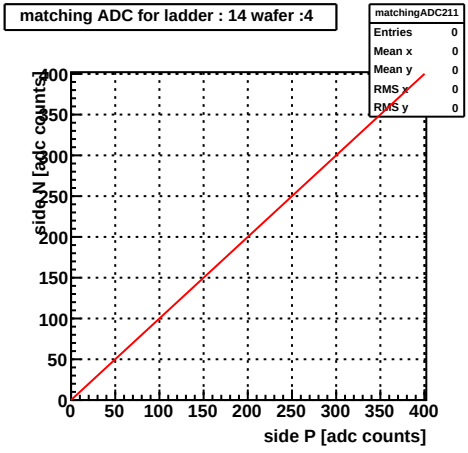

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

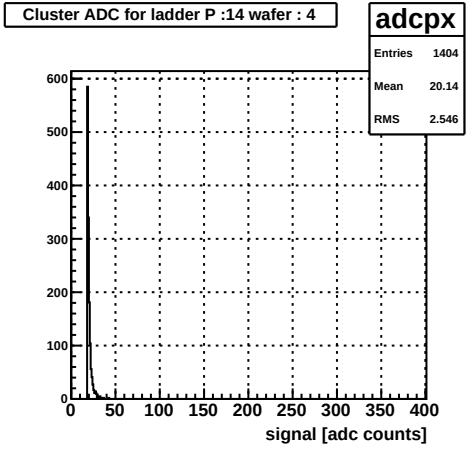

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2428
Mean 30.39
RMS 15.74
signal [adc counts]

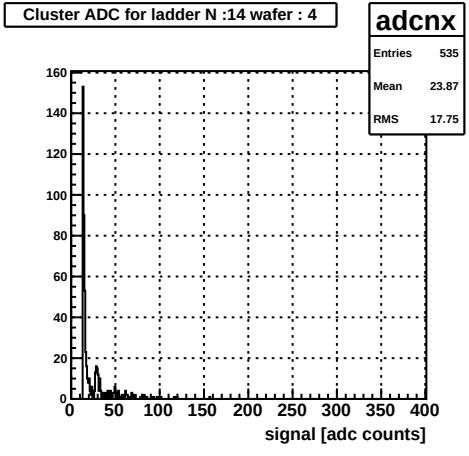

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 70
Mean 16.5
RMS 3.836
signal [adc counts]

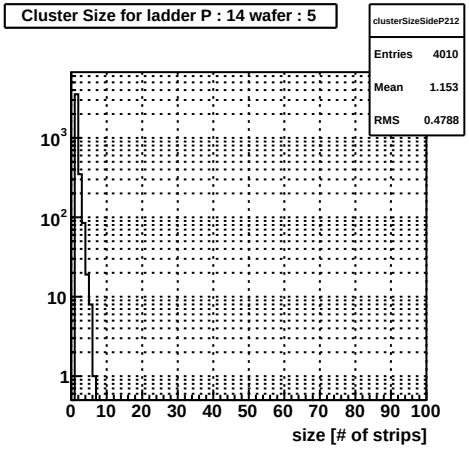

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1404
Mean 1.002
RMS 0.04618
size [# of strips]

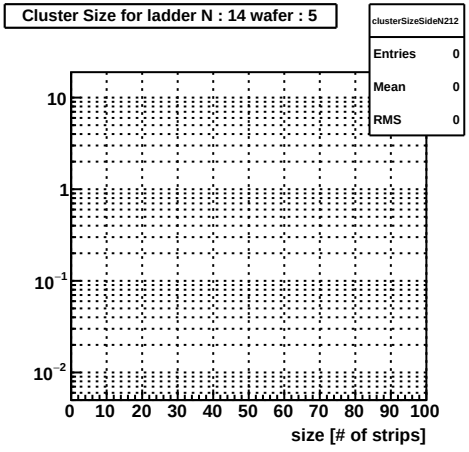

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 535
Mean 1.55
RMS 0.9729
size [# of strips]

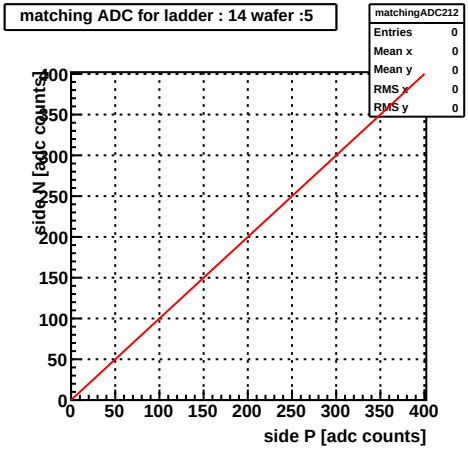

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

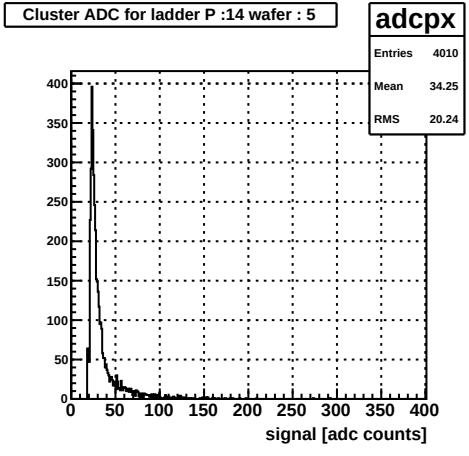

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1404
Mean 20.14
RMS 2.546
signal [adc counts]

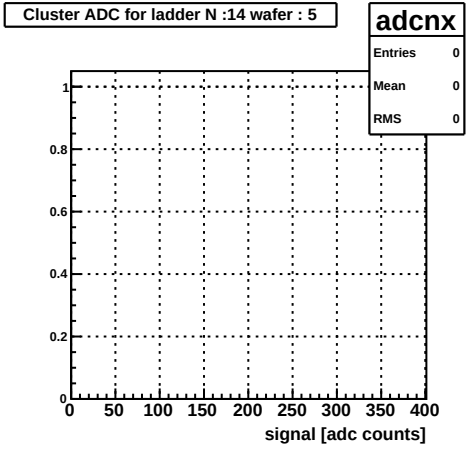

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 535
Mean 23.87
RMS 17.75
signal [adc counts]

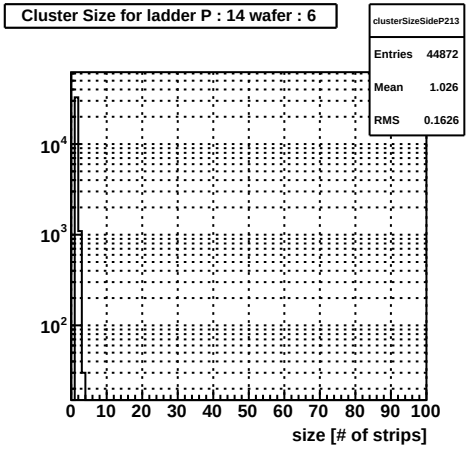

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4010
Mean 1.153
RMS 0.4788
size [# of strips]

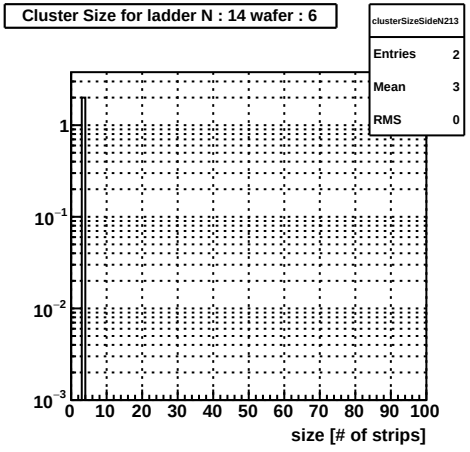

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

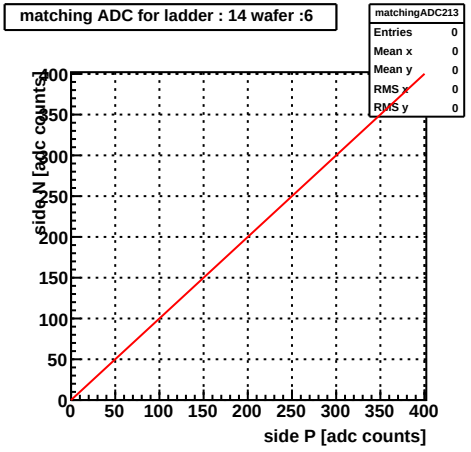

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

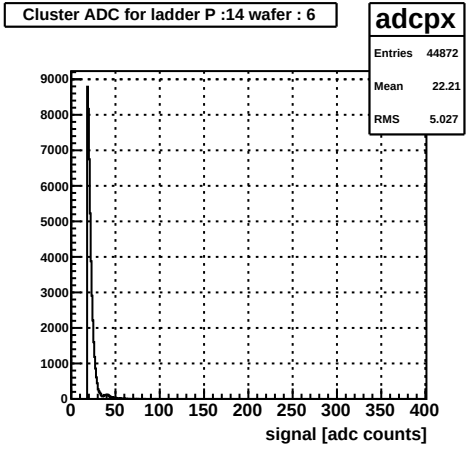

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4010
Mean 34.25
RMS 20.24
signal [adc counts]

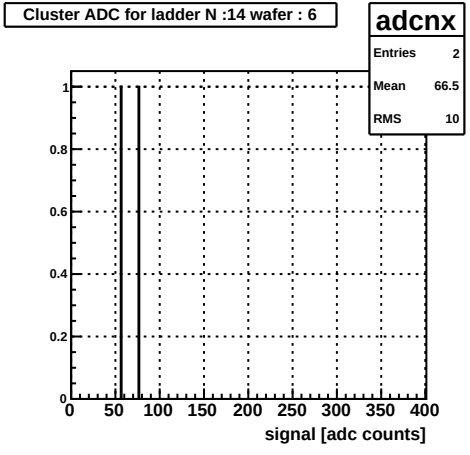

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

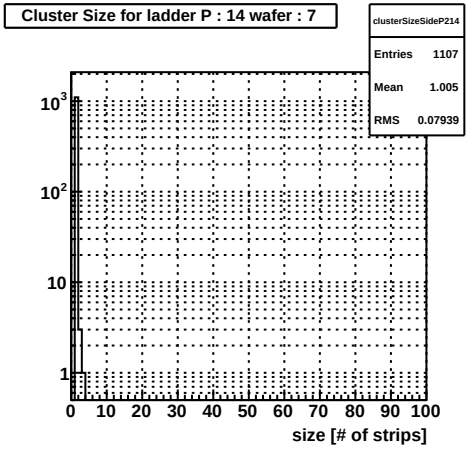

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 44872
Mean 1.026
RMS 0.1626
size [# of strips]

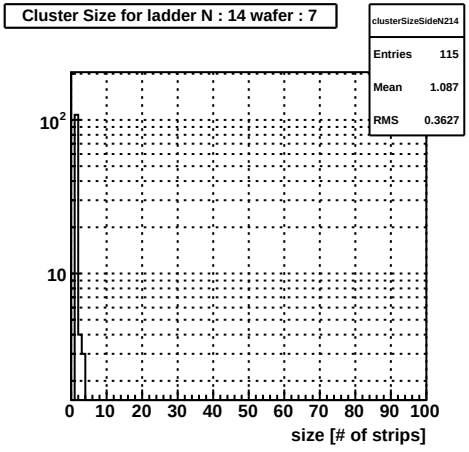

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2
Mean 3
RMS 0
size [# of strips]

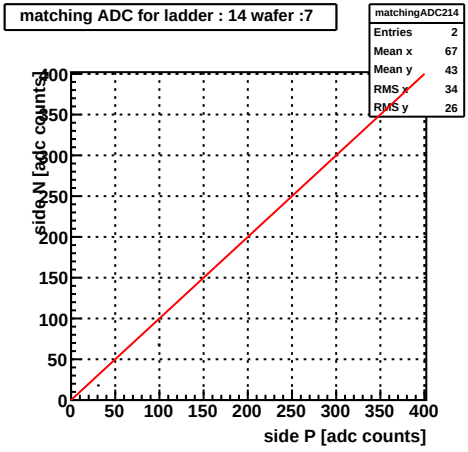

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

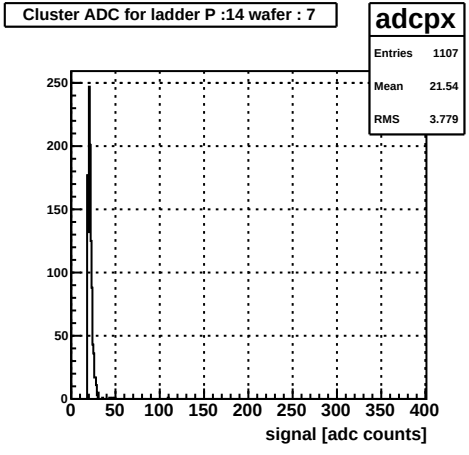

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 44872
Mean 22.21
RMS 5.027
signal [adc counts]

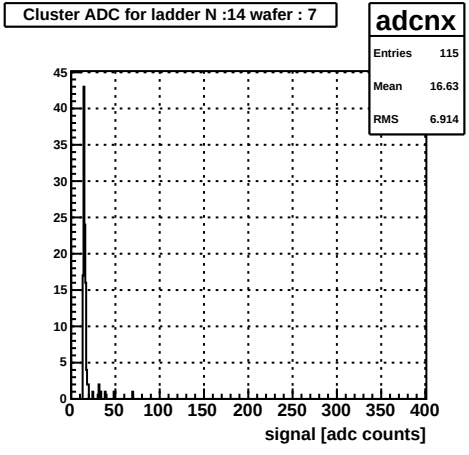

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2
Mean 66.5
RMS 10
signal [adc counts]

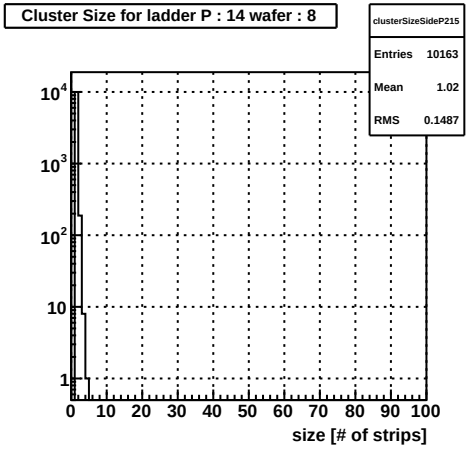

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1107
Mean 1.005
RMS 0.07939
size [# of strips]

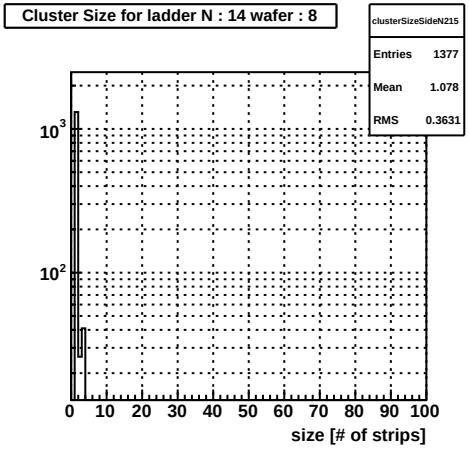

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 115
Mean 1.087
RMS 0.3627
size [# of strips]

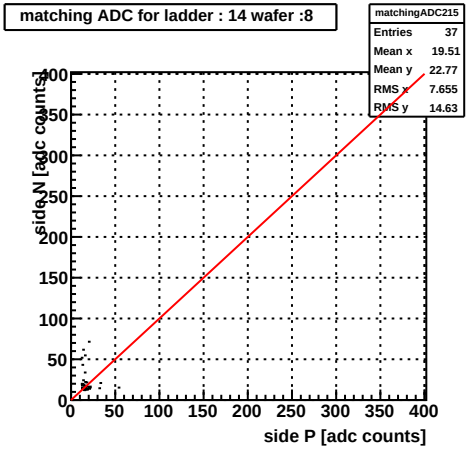

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 2
Mean x 67
Mean y 43
RMS x 34
RMS y 26
side N [adc counts]
side P [adc counts]

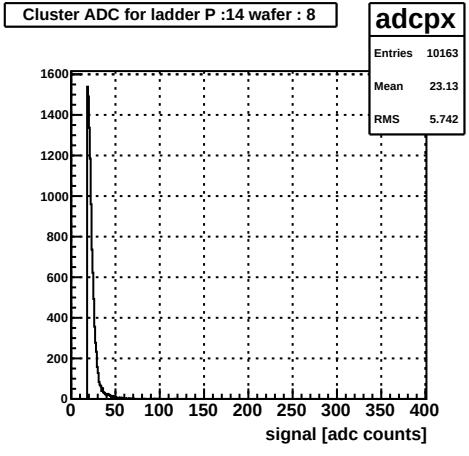

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1107
Mean 21.54
RMS 3.779
signal [adc counts]

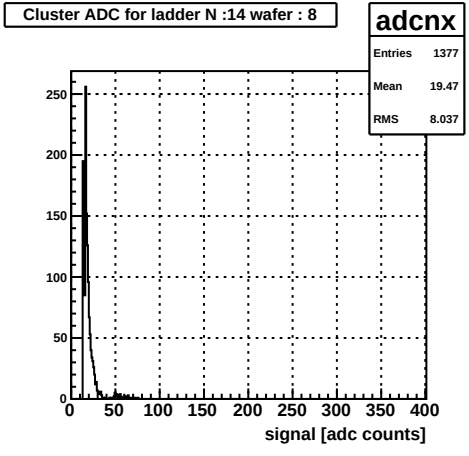

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 115
Mean 16.63
RMS 6.914
signal [adc counts]

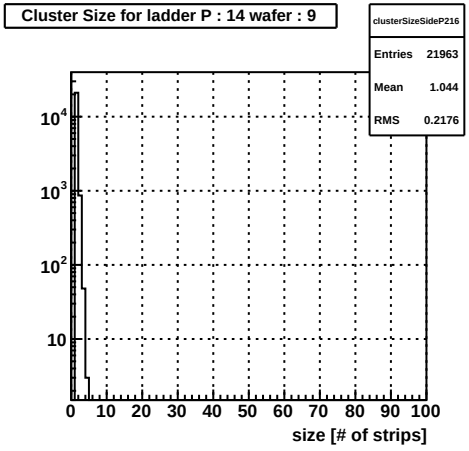

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 10163
Mean 1.02
RMS 0.1487
size [# of strips]

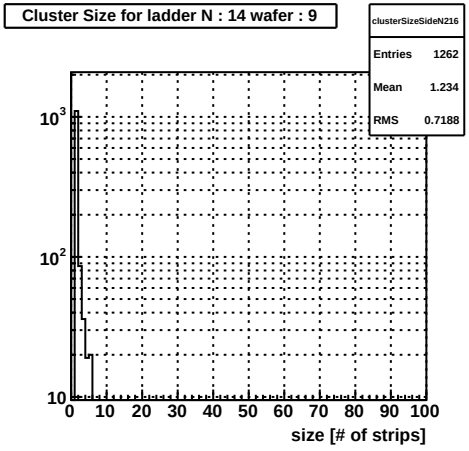

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1377
Mean 1.078
RMS 0.3631
size [# of strips]

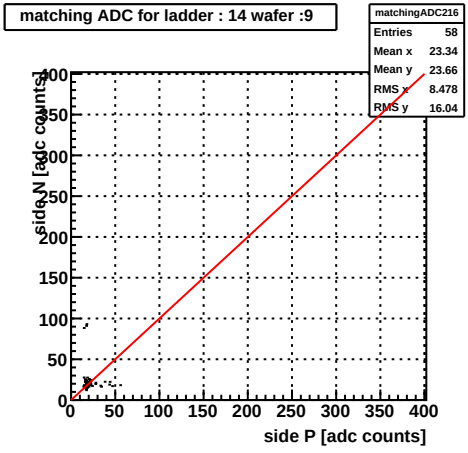

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 37
Mean x 19.51
Mean y 22.77
RMS x 7.655
RMS y 14.63
side N [adc counts]
side P [adc counts]

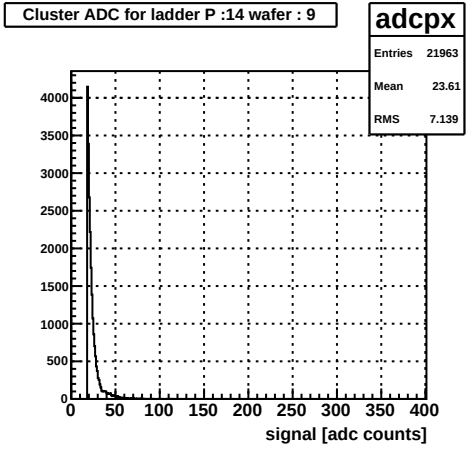

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 10163
Mean 23.13
RMS 5.742
signal [adc counts]

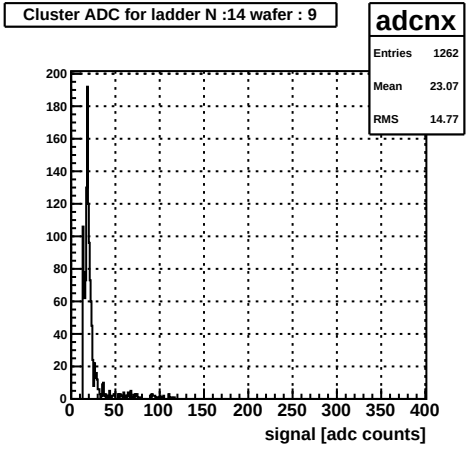

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1377
Mean 19.47
RMS 8.037
signal [adc counts]

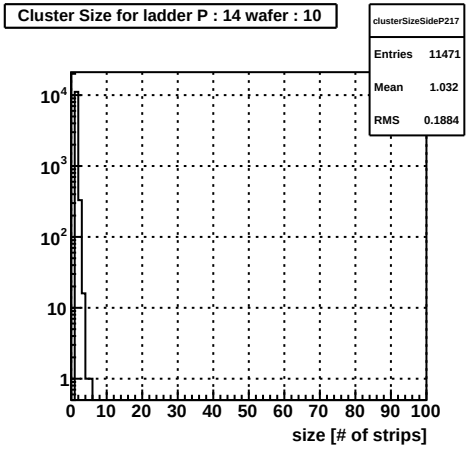

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 21963
Mean 1.044
RMS 0.2176
size [# of strips]

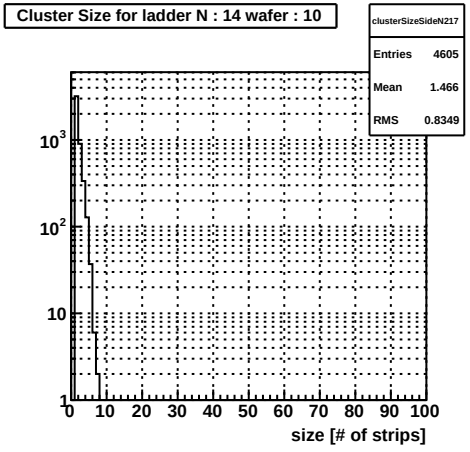

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 1262
Mean 1.234
RMS 0.7188
size [# of strips]

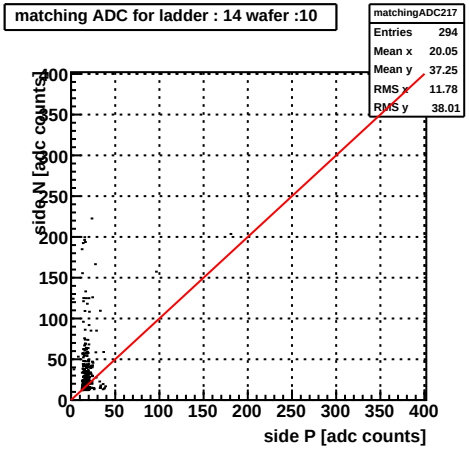

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 58
Mean x 23.34
Mean y 23.66
RMS x 8.478
RMS y 16.04
side N [adc counts]
side P [adc counts]

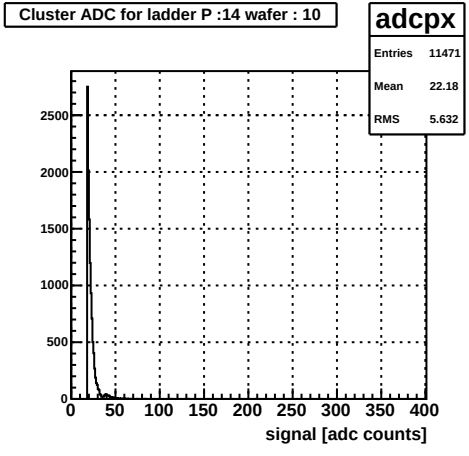

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 21963
Mean 23.61
RMS 7.139
signal [adc counts]

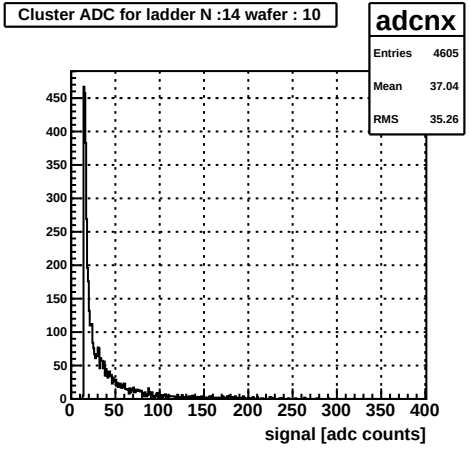

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 1262
Mean 23.07
RMS 14.77
signal [adc counts]

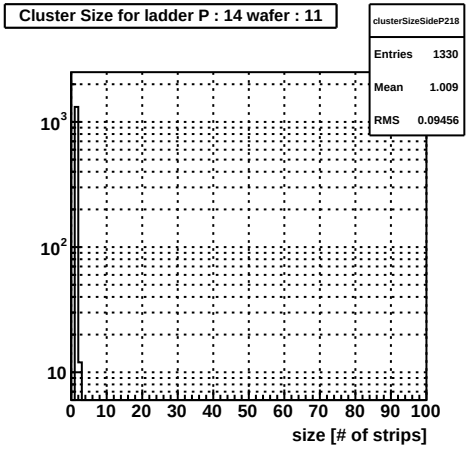

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 11471
Mean 1.032
RMS 0.1884
size [# of strips]

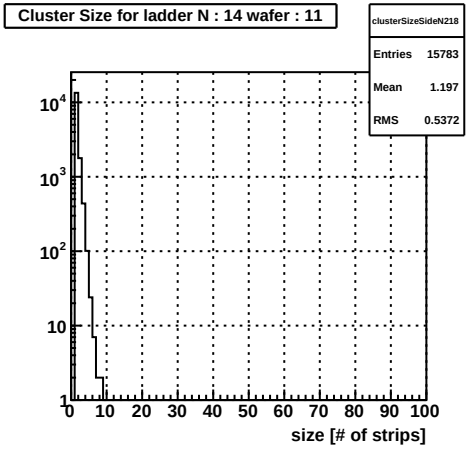

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4605
Mean 1.466
RMS 0.8349
size [# of strips]

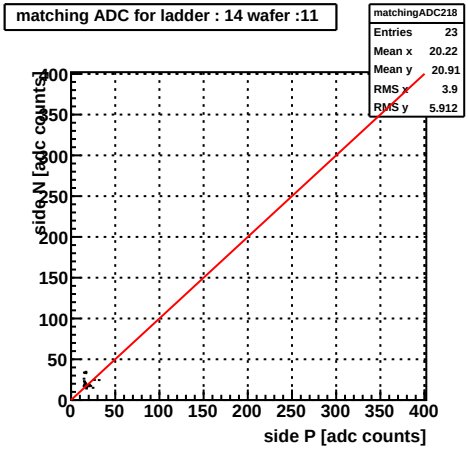

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 294
Mean x 20.05
Mean y 37.25
RMS x 11.78
RMS y 38.01
side N [adc counts]
side P [adc counts]

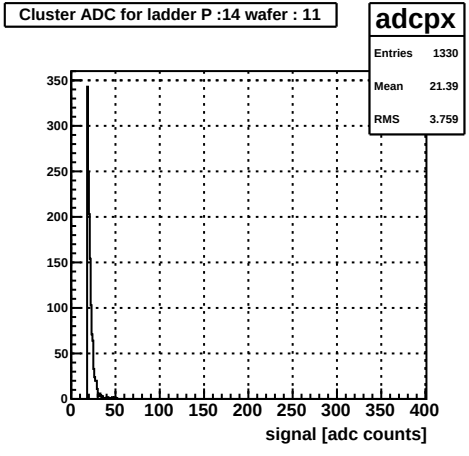

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 11471
Mean 22.18
RMS 5.632
signal [adc counts]

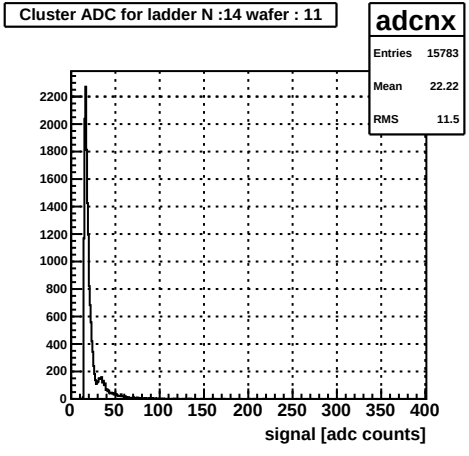

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4605
Mean 37.04
RMS 35.26
signal [adc counts]

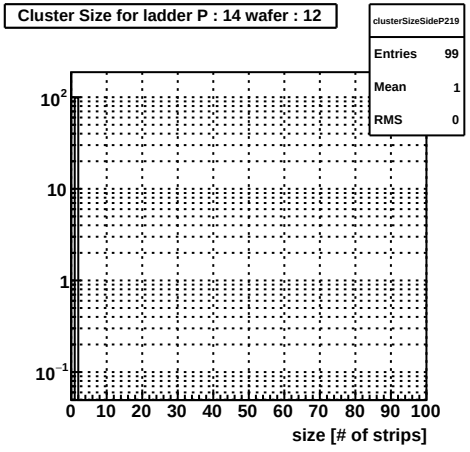

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1330
Mean 1.009
RMS 0.09456
size [# of strips]

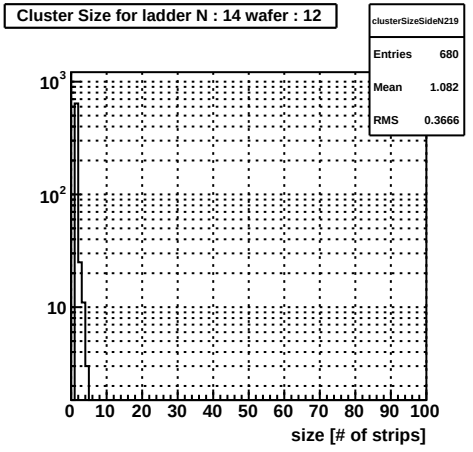

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 15783
Mean 1.197
RMS 0.5372
size [# of strips]

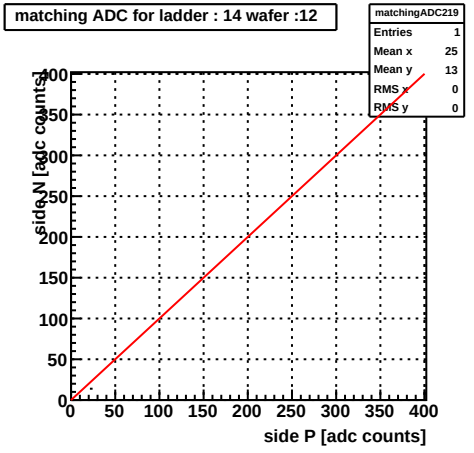

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 23
Mean x 20.22
Mean y 20.91
RMS x 3.9
RMS y 5.912
side N [adc counts]
side P [adc counts]

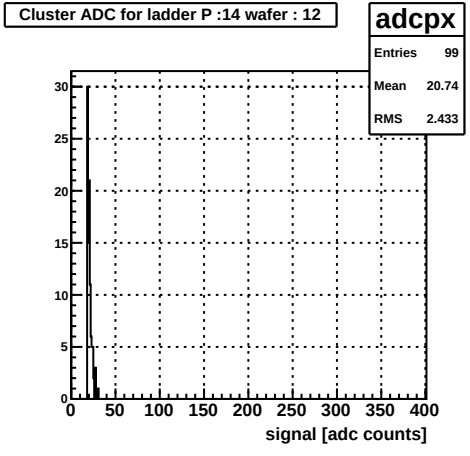

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1330
Mean 21.39
RMS 3.759
signal [adc counts]

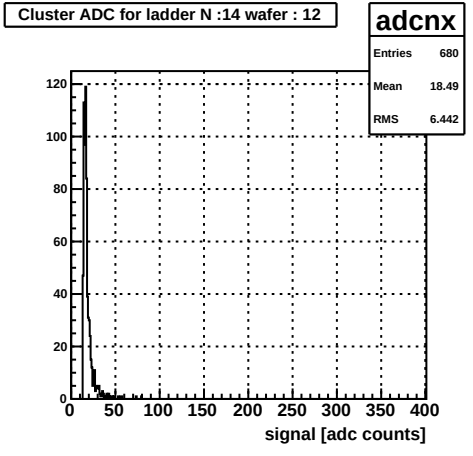

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 15783
Mean 22.22
RMS 11.5
signal [adc counts]

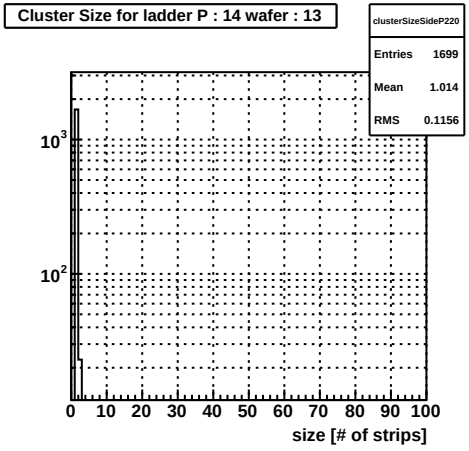

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 99
Mean 1
RMS 0
size [# of strips]

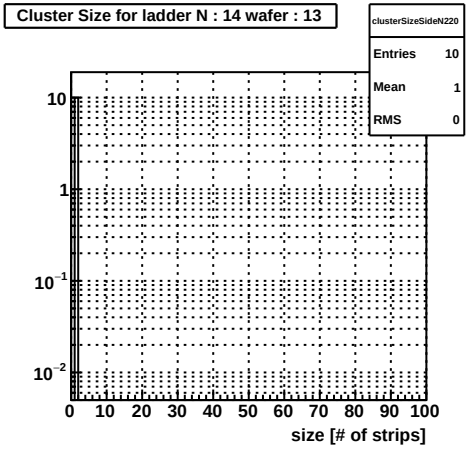

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 680
Mean 1.082
RMS 0.3666
size [# of strips]

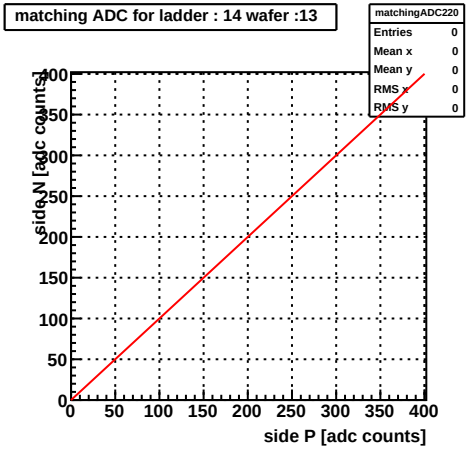

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1
Mean x 25
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

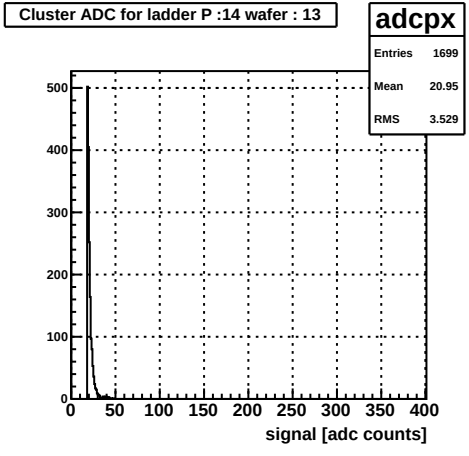

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 99
Mean 20.74
RMS 2.433
signal [adc counts]

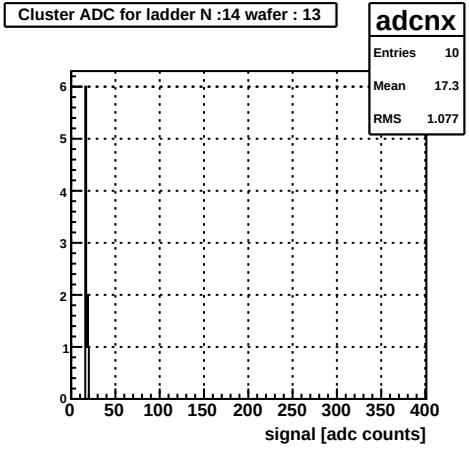

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 680
Mean 18.49
RMS 6.442
signal [adc counts]

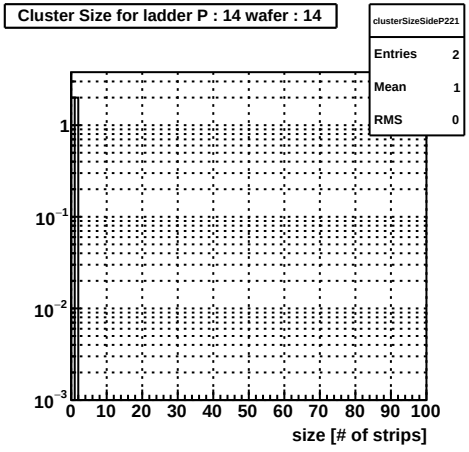

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 1699
Mean 1.014
RMS 0.1156
size [# of strips]

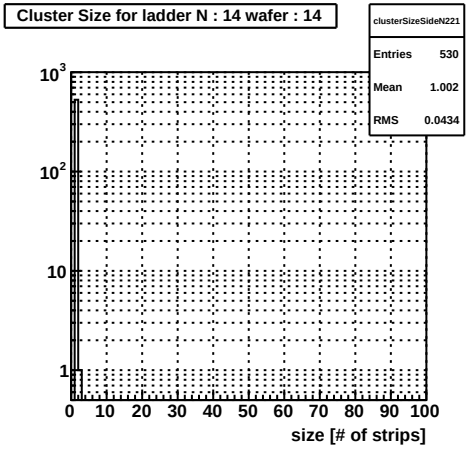

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 10
Mean 1
RMS 0
size [# of strips]

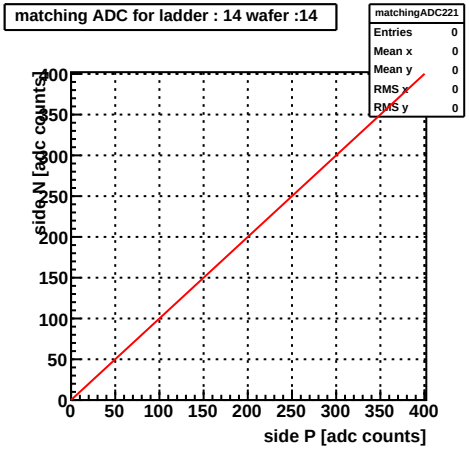

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

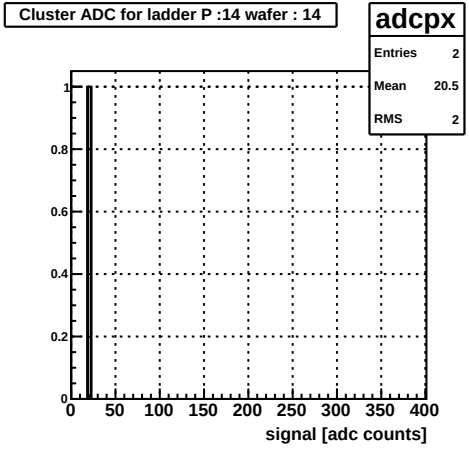

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 1699
Mean 20.95
RMS 3.529
signal [adc counts]

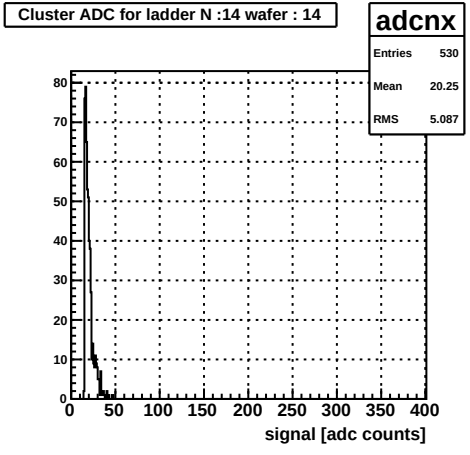

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 10
Mean 17.3
RMS 1.077
signal [adc counts]

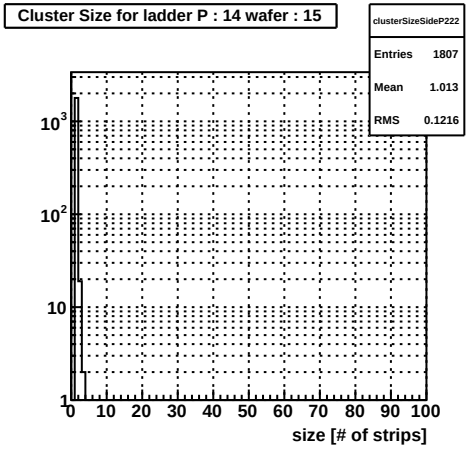

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 2
Mean 1
RMS 0
size [# of strips]

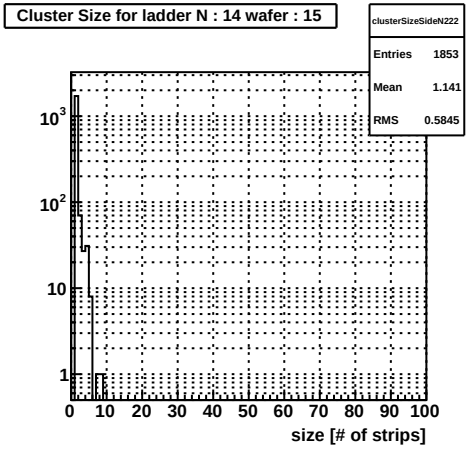

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 530
Mean 1.002
RMS 0.0434
size [# of strips]

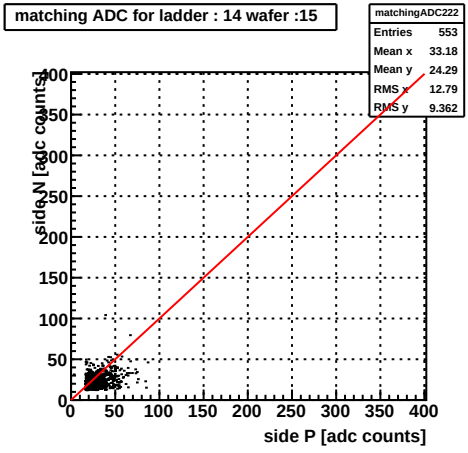

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

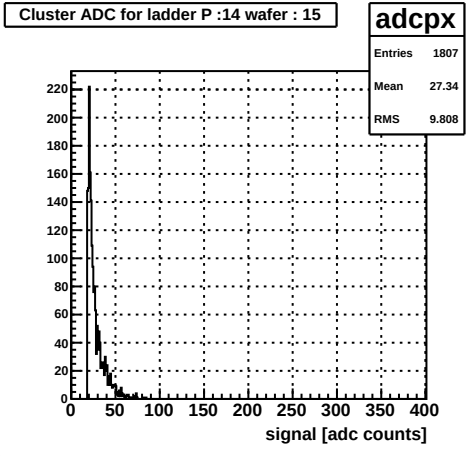

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 2
Mean 20.5
RMS 2
signal [adc counts]

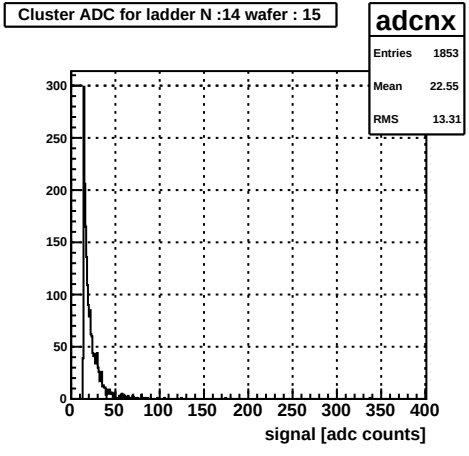

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 530
Mean 20.25
RMS 5.087
signal [adc counts]

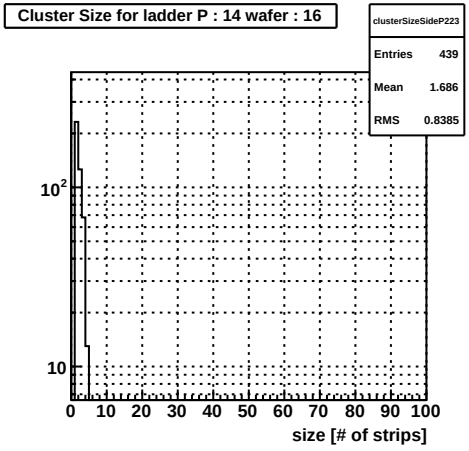

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1807
Mean 1.013
RMS 0.1216
size [# of strips]

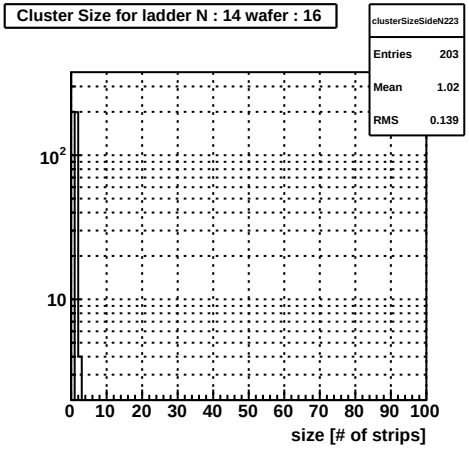

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1853
Mean 1.141
RMS 0.5845
size [# of strips]

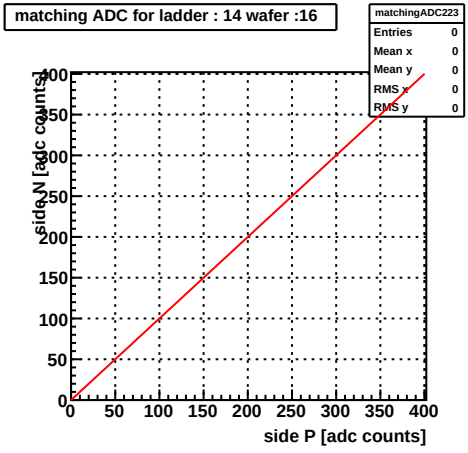

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 553
Mean x 33.18
Mean y 24.29
RMS x 12.79
RMS y 9.362
side N [adc counts]
side P [adc counts]

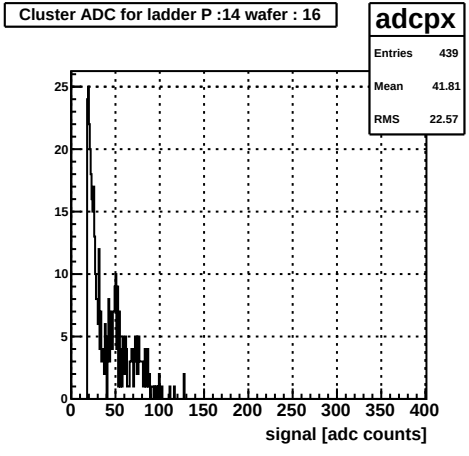

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1807
Mean 27.34
RMS 9.808
signal [adc counts]

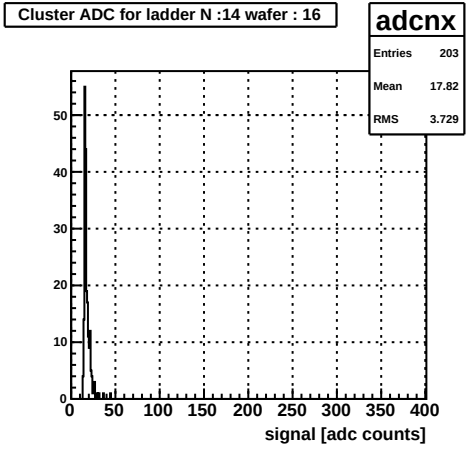

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1853
Mean 22.55
RMS 13.31
signal [adc counts]

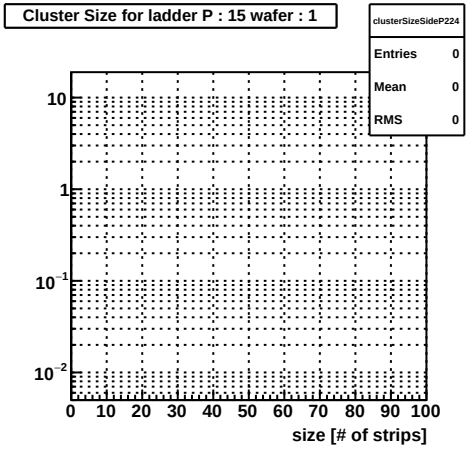

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 439
Mean 1.686
RMS 0.8385
size [# of strips]

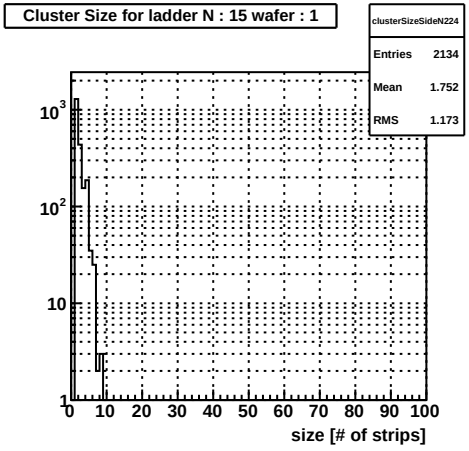

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 203
Mean 1.02
RMS 0.139
size [# of strips]

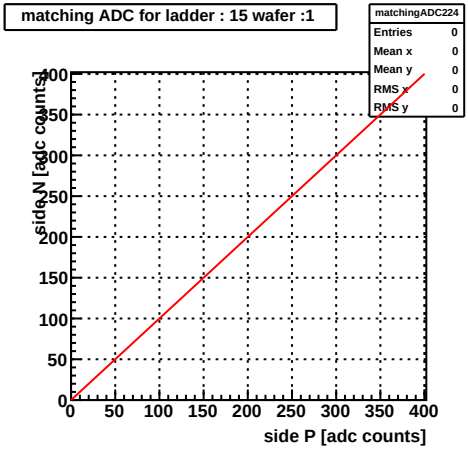

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

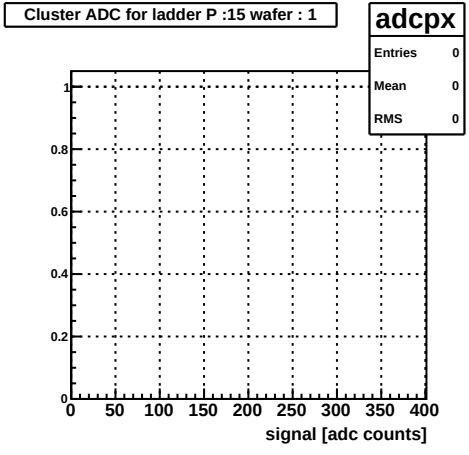

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 439
Mean 41.81
RMS 22.57
signal [adc counts]

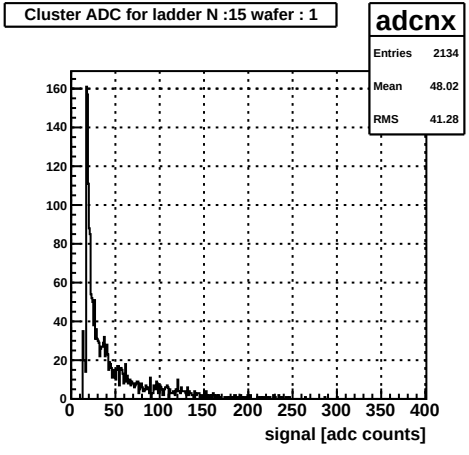

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 203
Mean 17.82
RMS 3.729
signal [adc counts]

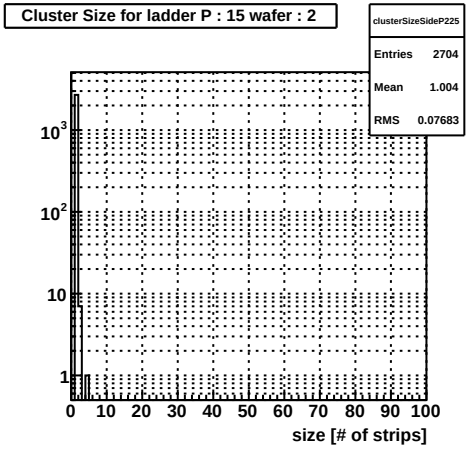

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

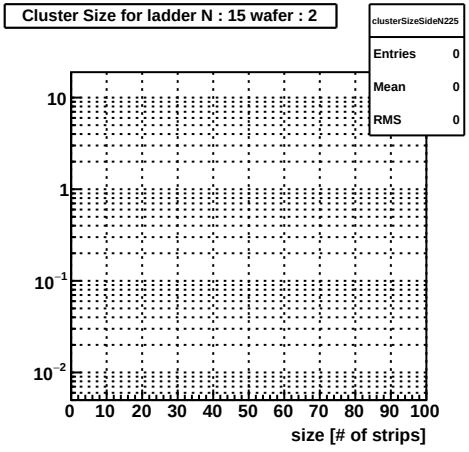

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2134
Mean 1.752
RMS 1.173
size [# of strips]

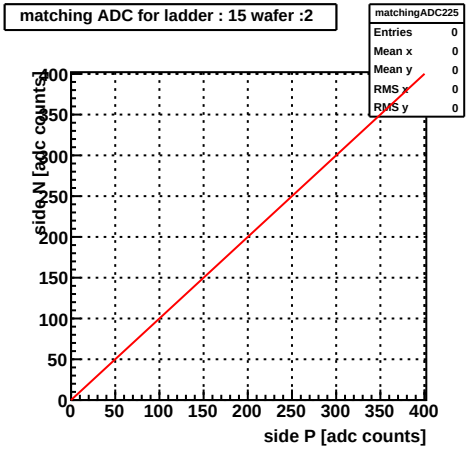

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

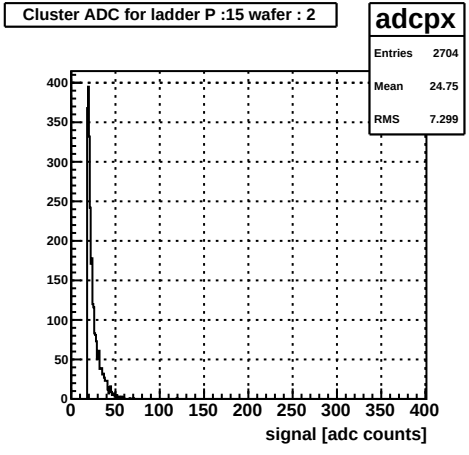

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

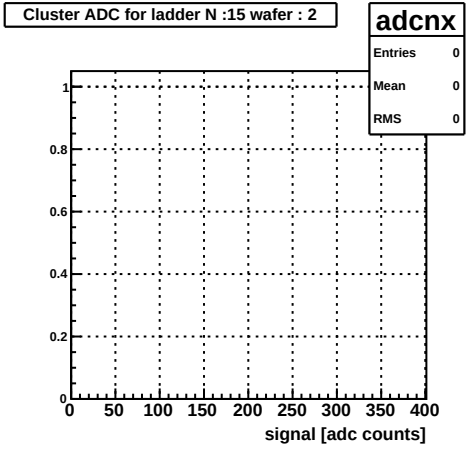

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2134
Mean 48.02
RMS 41.28
signal [adc counts]

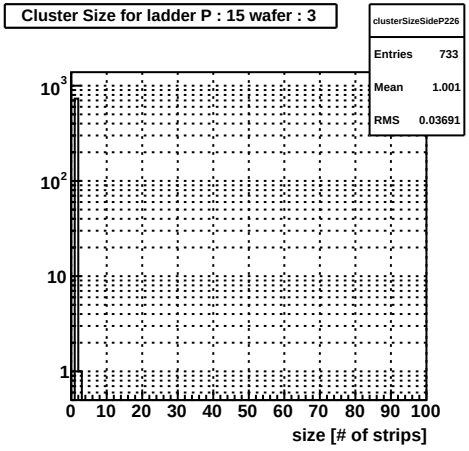

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2704
Mean 1.004
RMS 0.07683
size [# of strips]

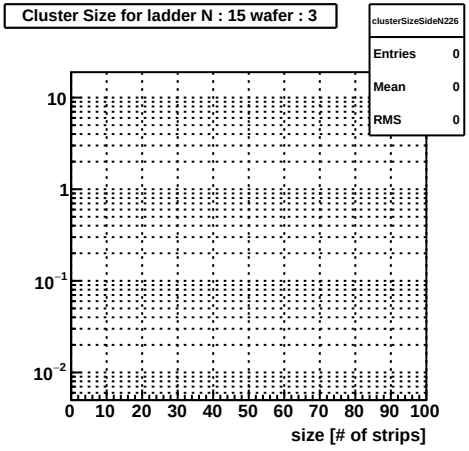

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

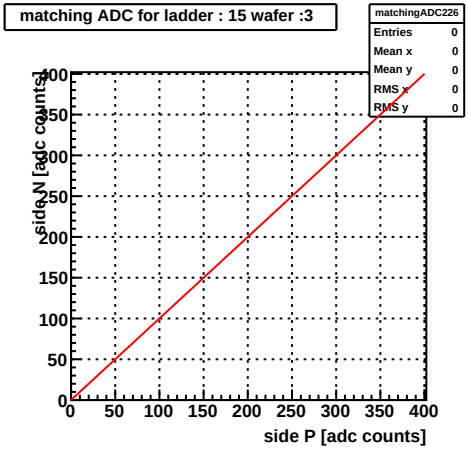

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

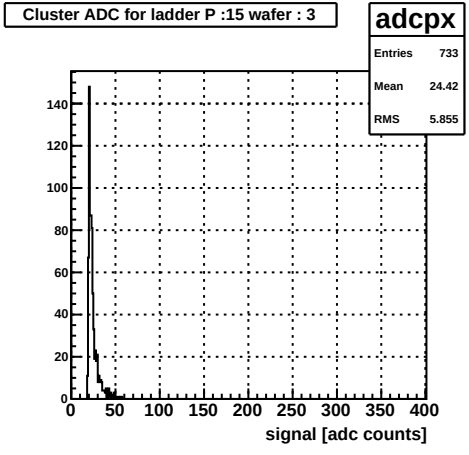

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2704
Mean 24.75
RMS 7.299
signal [adc counts]

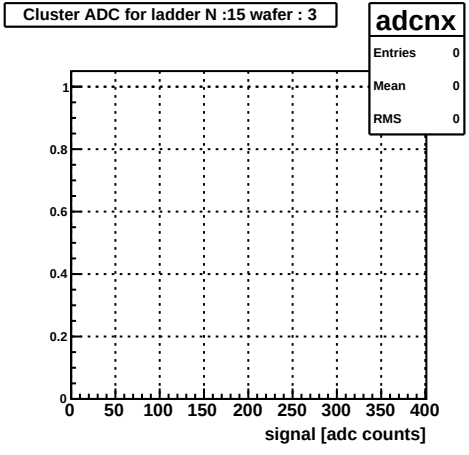

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

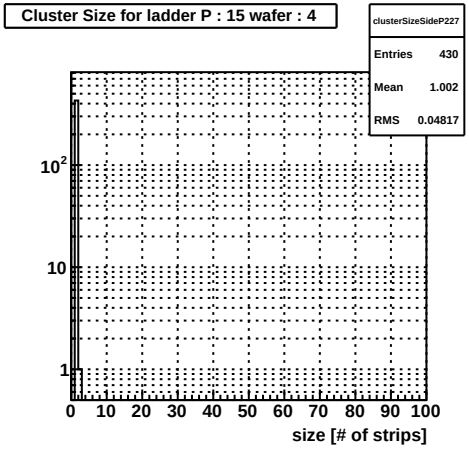

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 733
Mean 1.001
RMS 0.03691
size [# of strips]

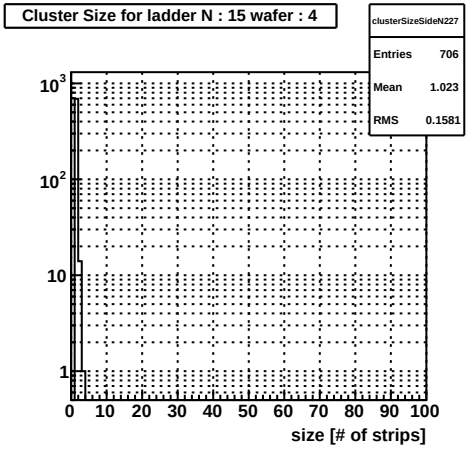

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

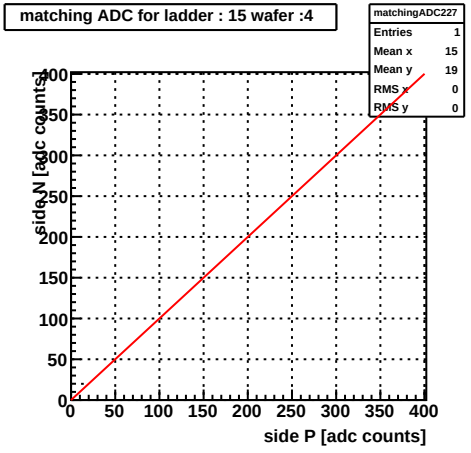

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

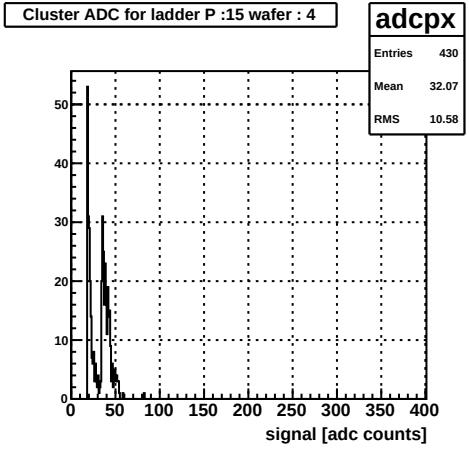

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 733
Mean 24.42
RMS 5.855
signal [adc counts]

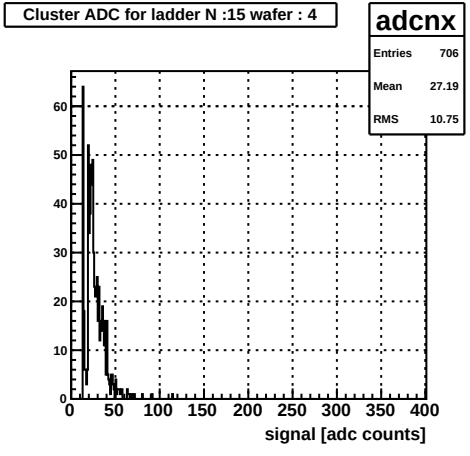

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

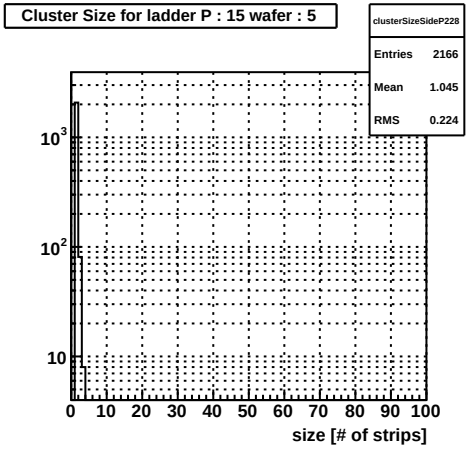

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 430
Mean 1.002
RMS 0.04817
size [# of strips]

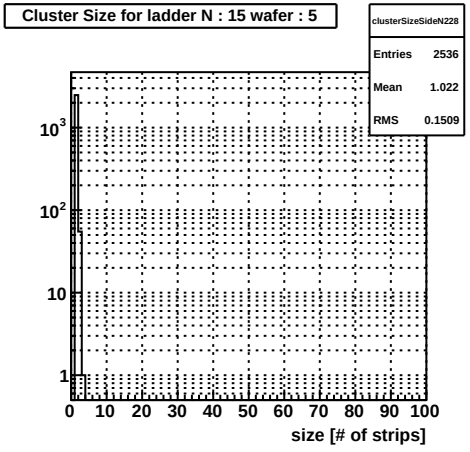

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 706
Mean 1.023
RMS 0.1581
size [# of strips]

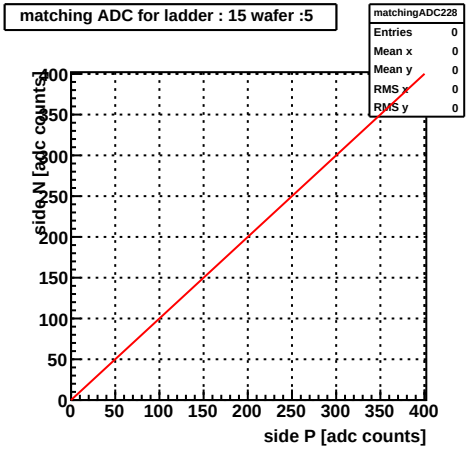

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 1
Mean x 15
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

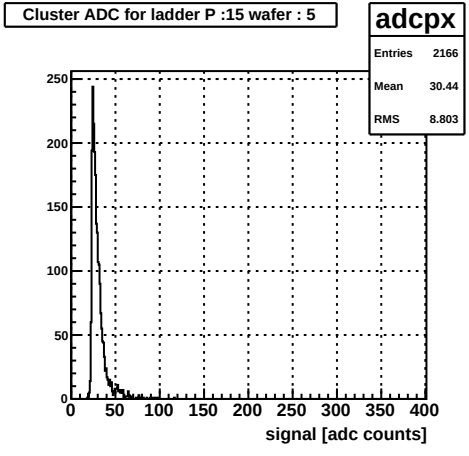

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 430
Mean 32.07
RMS 10.58
signal [adc counts]

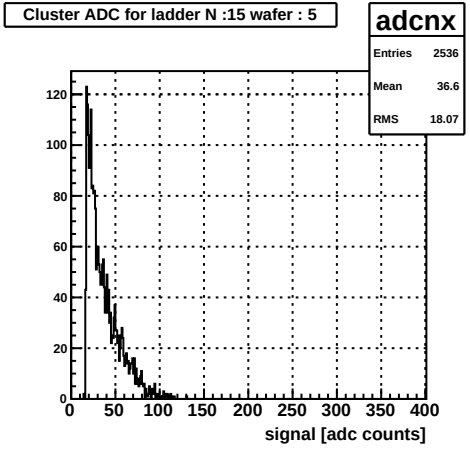

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 706
Mean 27.19
RMS 10.75
signal [adc counts]

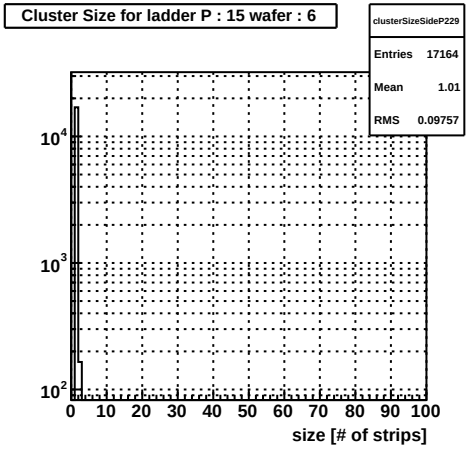

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2166
Mean 1.045
RMS 0.224
size [# of strips]

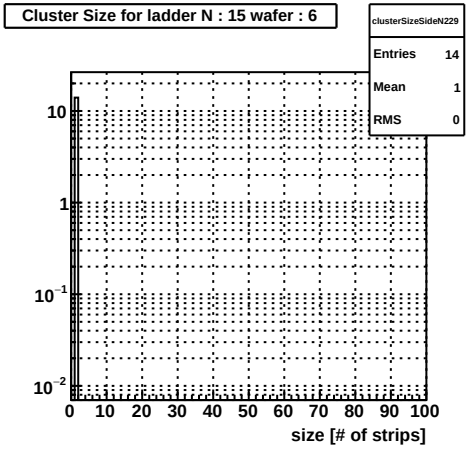

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2536
Mean 1.022
RMS 0.1509
size [# of strips]

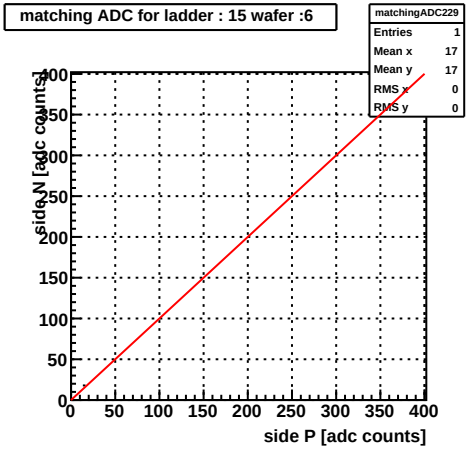

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

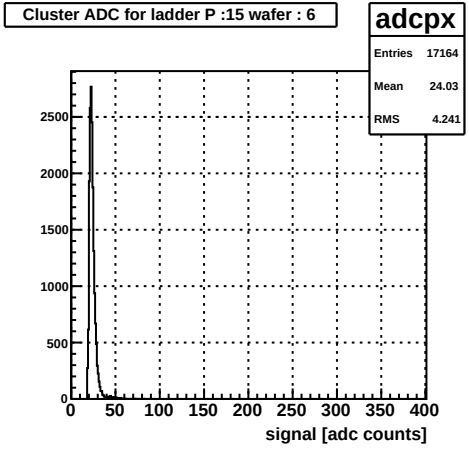

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2166
Mean 30.44
RMS 8.803
signal [adc counts]

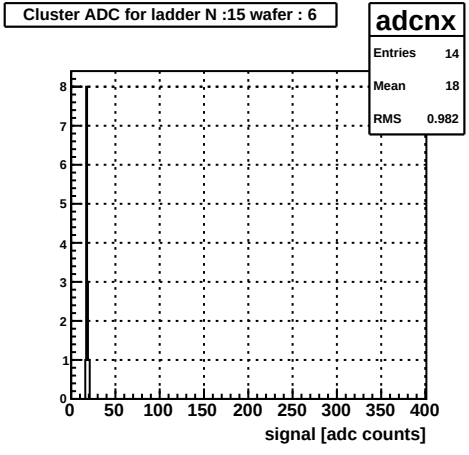

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2536
Mean 36.6
RMS 18.07
signal [adc counts]

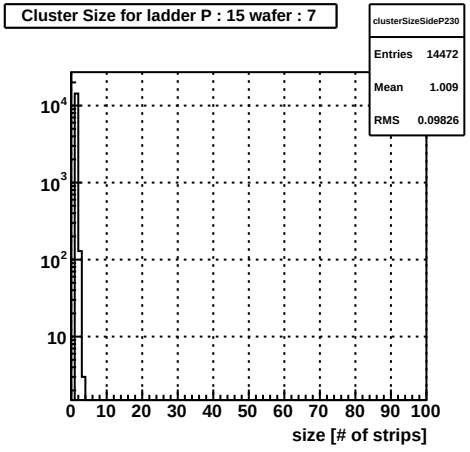

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 17164
Mean 1.01
RMS 0.09757
size [# of strips]

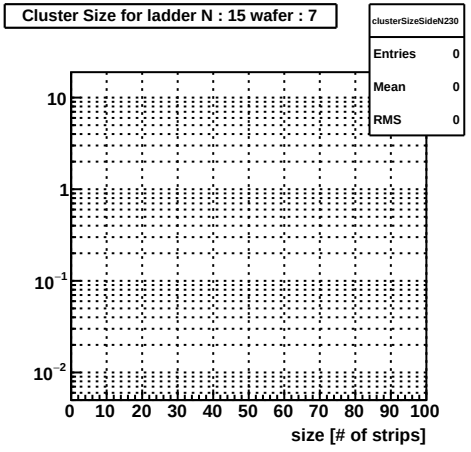

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 14
Mean 1
RMS 0
size [# of strips]

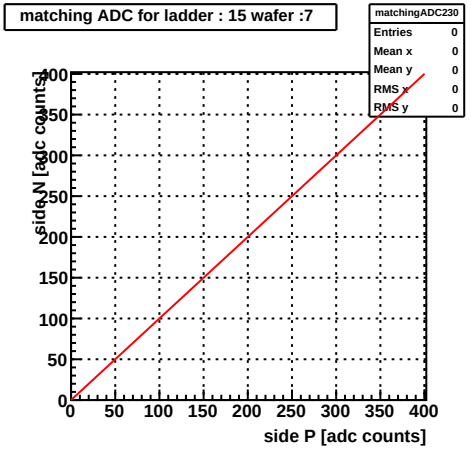

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1
Mean x 17
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

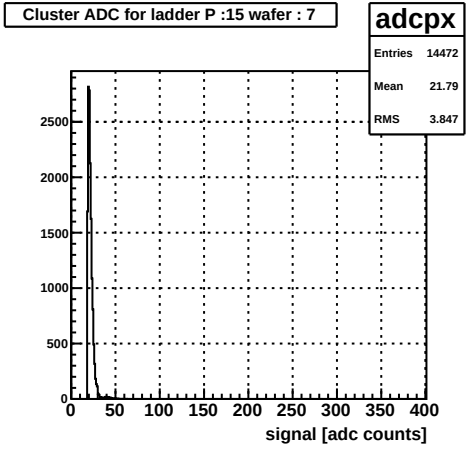

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 17164
Mean 24.03
RMS 4.241
signal [adc counts]

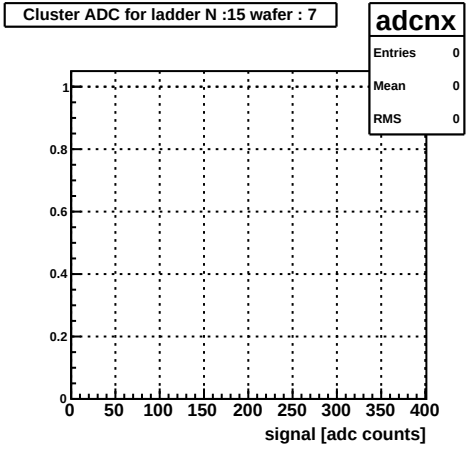

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 14
Mean 18
RMS 0.982
signal [adc counts]

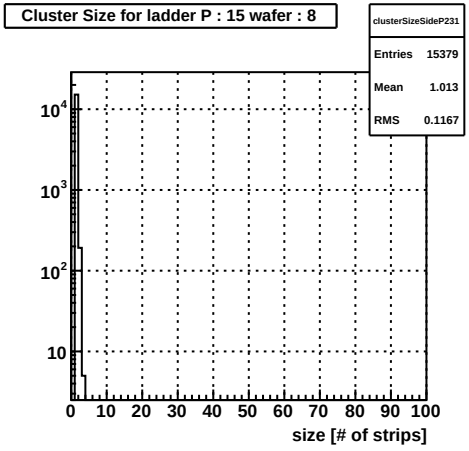

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 14472
Mean 1.009
RMS 0.09826
size [# of strips]

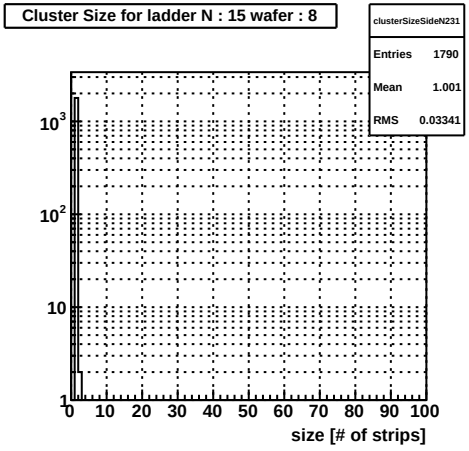

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

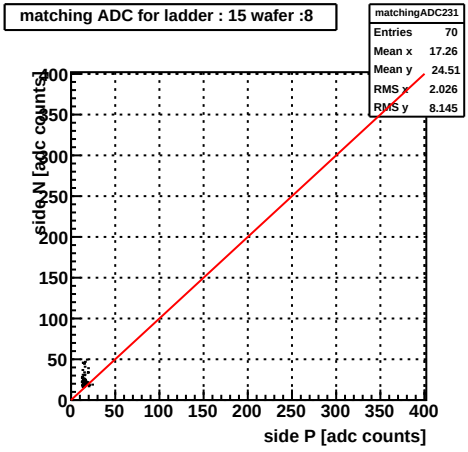

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

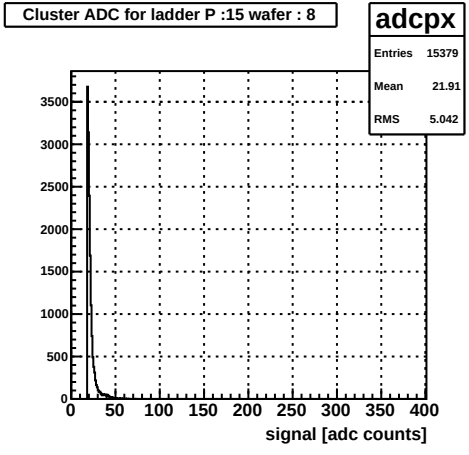

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 14472
Mean 21.79
RMS 3.847
signal [adc counts]

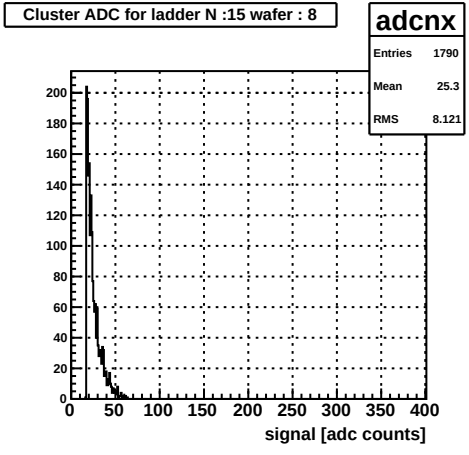

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

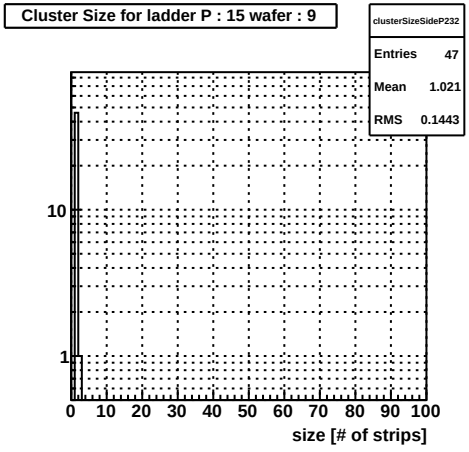

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 15379
Mean 1.013
RMS 0.1167
size [# of strips]

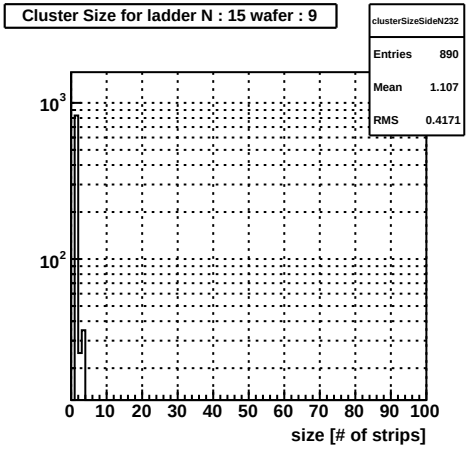

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1790
Mean 1.001
RMS 0.03341
size [# of strips]

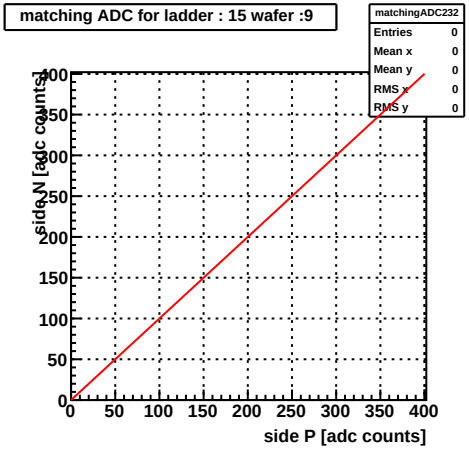

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 70
Mean x 17.26
Mean y 24.51
RMS x 2.026
RMS y 8.145
side N [adc counts]
side P [adc counts]

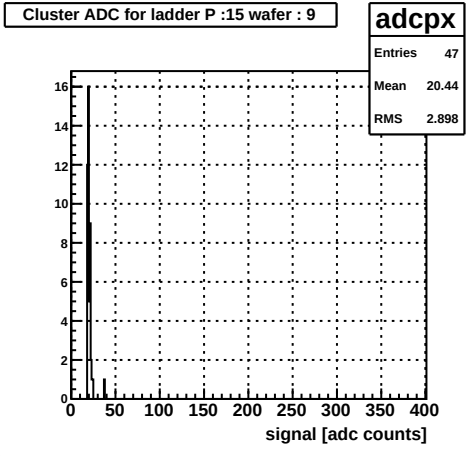

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 15379
Mean 21.91
RMS 5.042
signal [adc counts]

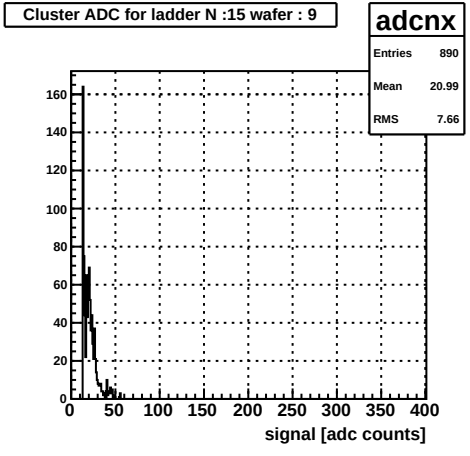

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1790
Mean 25.3
RMS 8.121
signal [adc counts]

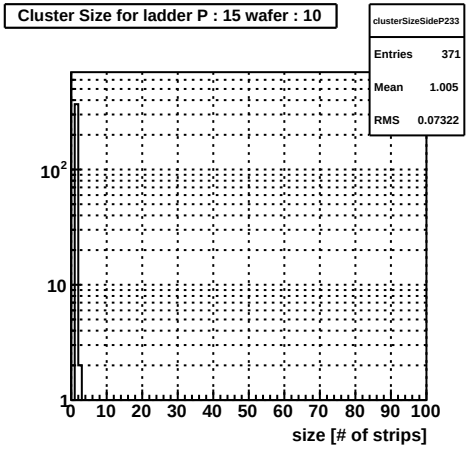

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 47
Mean 1.021
RMS 0.1443
size [# of strips]

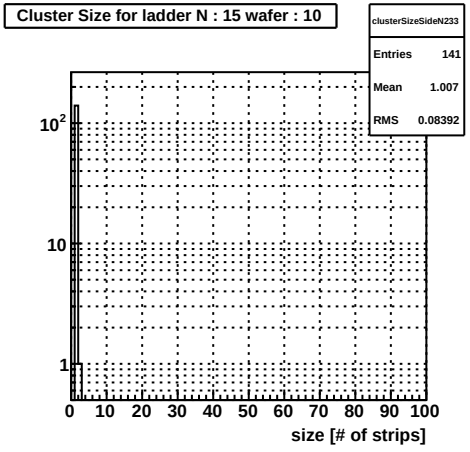

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 890
Mean 1.107
RMS 0.4171
size [# of strips]

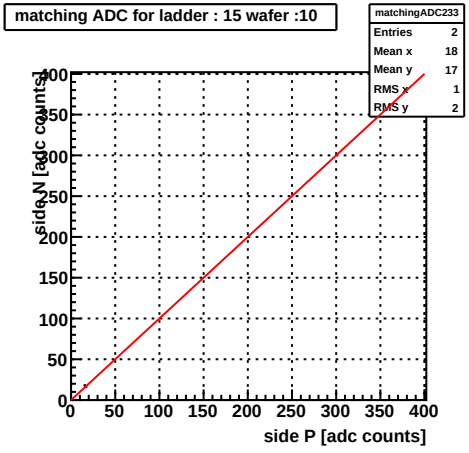

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

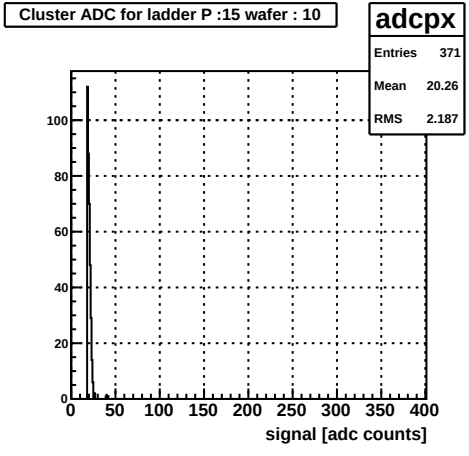

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 47
Mean 20.44
RMS 2.898
signal [adc counts]

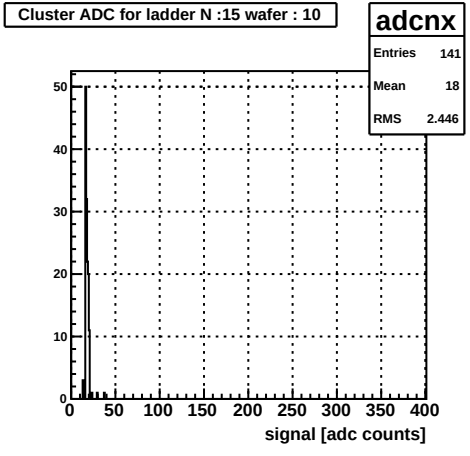

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 890
Mean 20.99
RMS 7.66
signal [adc counts]

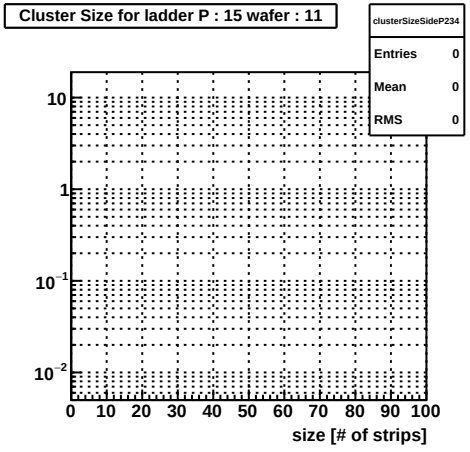

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 371
Mean 1.005
RMS 0.07322
size [# of strips]

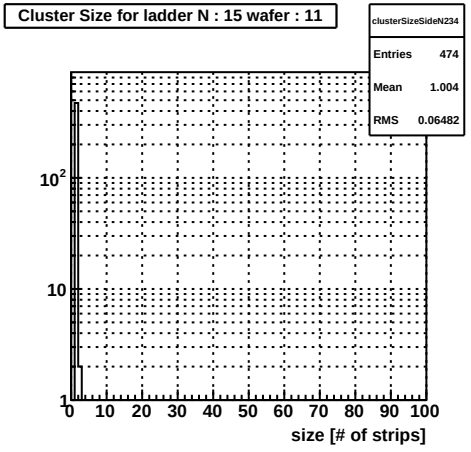

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 141
Mean 1.007
RMS 0.08392
size [# of strips]

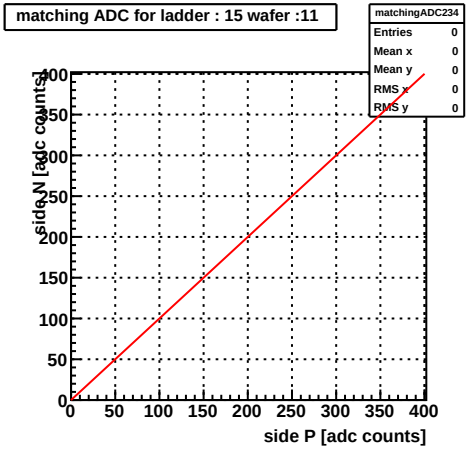

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2
Mean x 18
Mean y 17
RMS x 1
RMS y 2
side N [adc counts]
side P [adc counts]

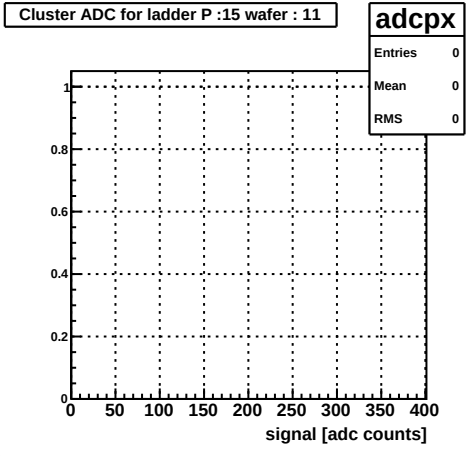

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 371
Mean 20.26
RMS 2.187
signal [adc counts]

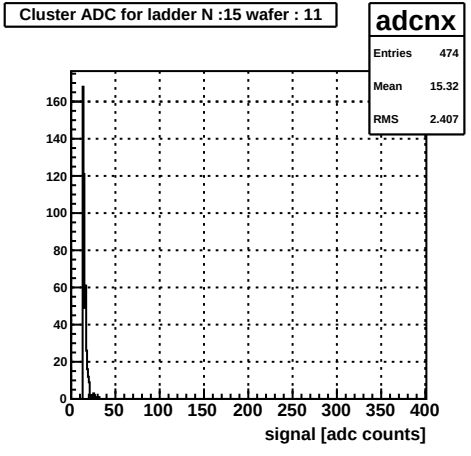

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 141
Mean 18
RMS 2.446
signal [adc counts]

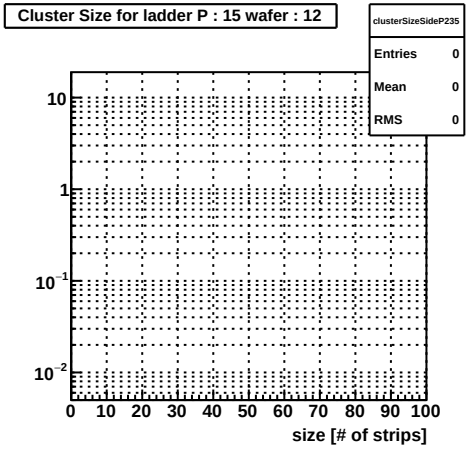

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 0
Mean 0
RMS 0
size [# of strips]

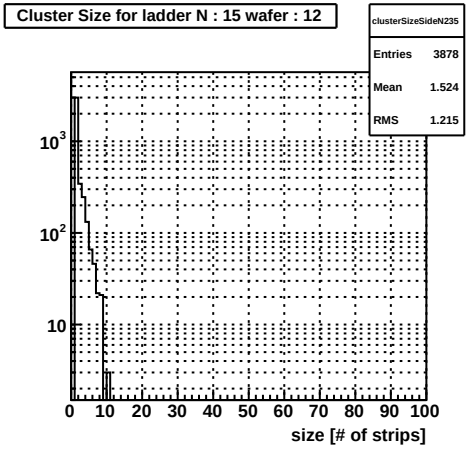

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 474
Mean 1.004
RMS 0.06482
size [# of strips]

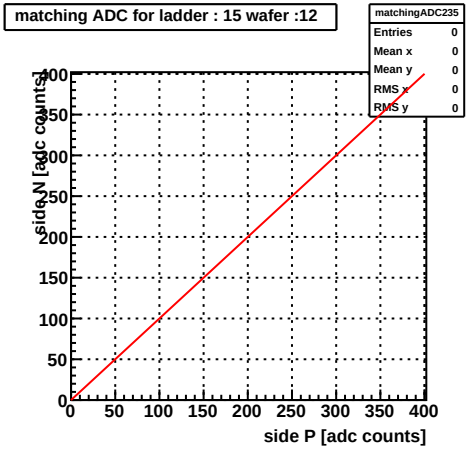

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

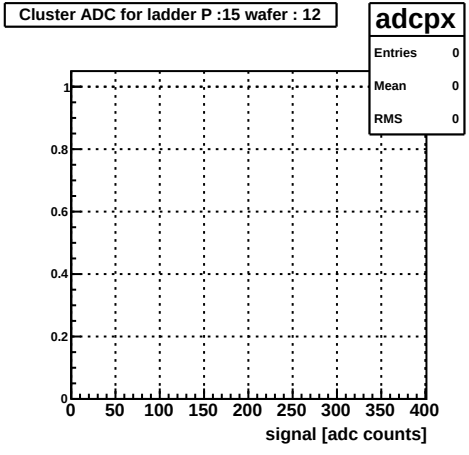

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

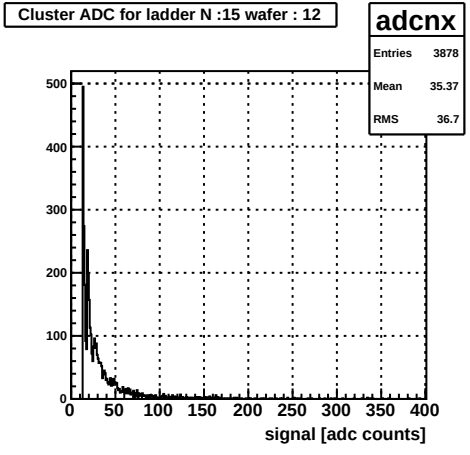

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 474
Mean 15.32
RMS 2.407
signal [adc counts]

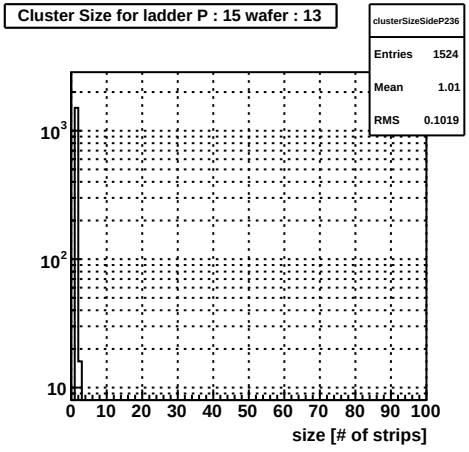

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

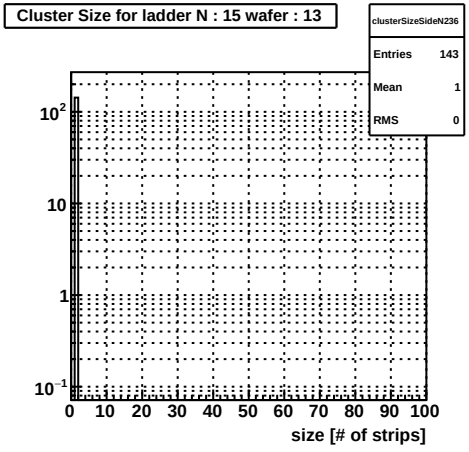

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3878
Mean 1.524
RMS 1.215
size [# of strips]

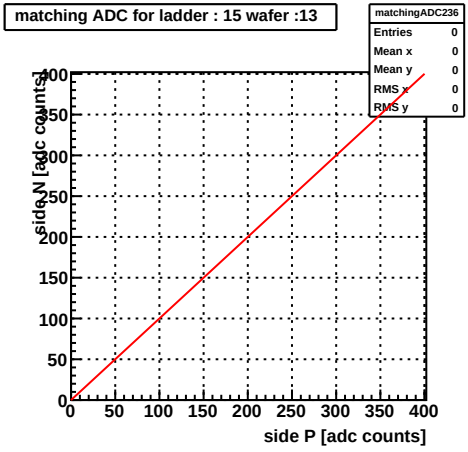

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

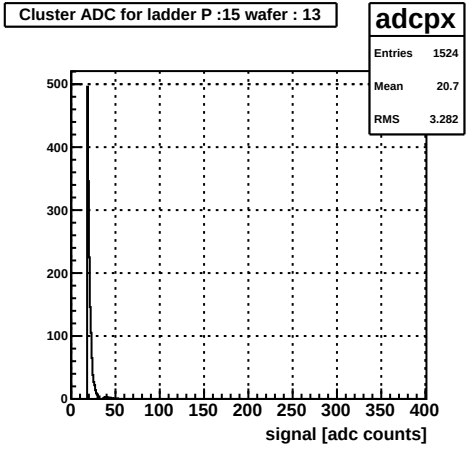

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

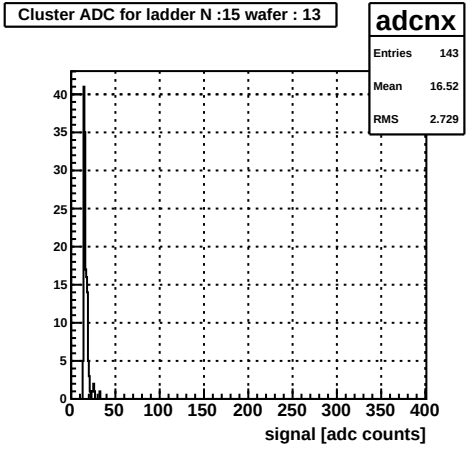

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3878
Mean 35.37
RMS 36.7
signal [adc counts]

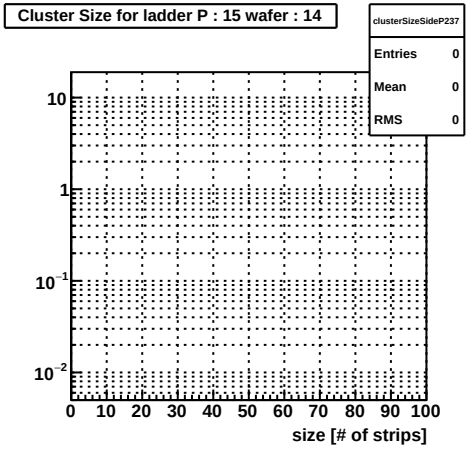

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1524
Mean 1.01
RMS 0.1019
size [# of strips]

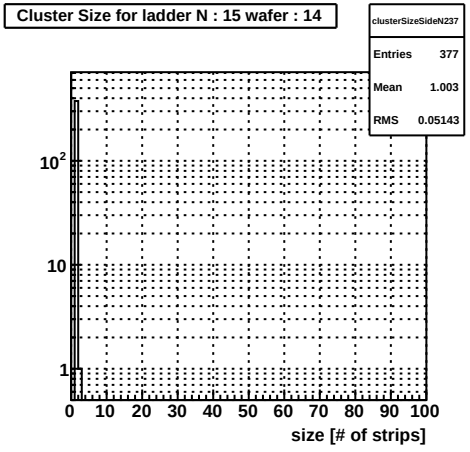

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 143
Mean 1
RMS 0
size [# of strips]

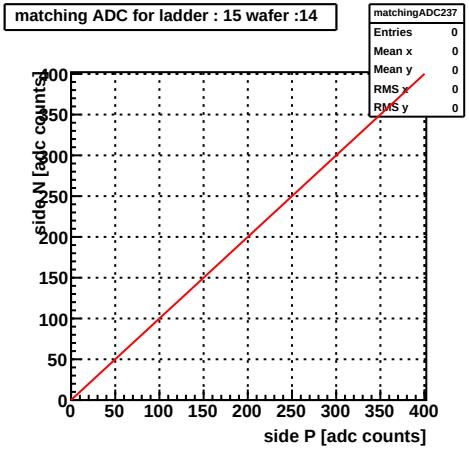

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

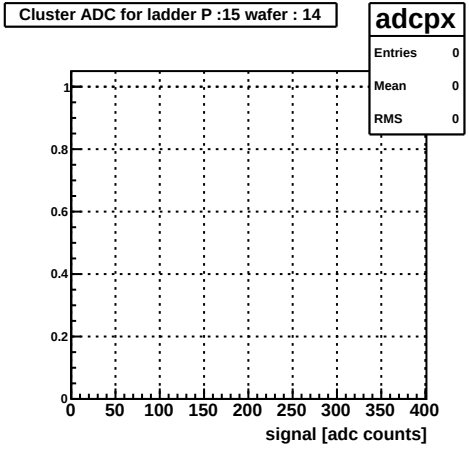

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1524
Mean 20.7
RMS 3.282
signal [adc counts]

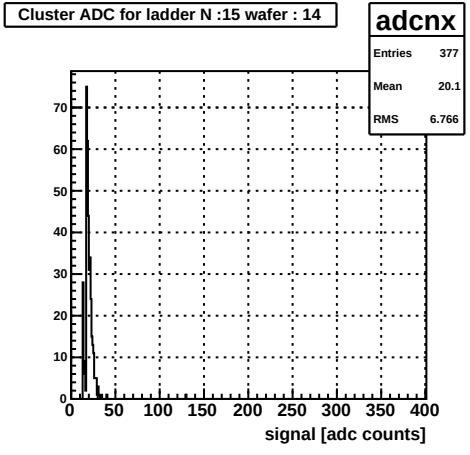

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 143
Mean 16.52
RMS 2.729
signal [adc counts]

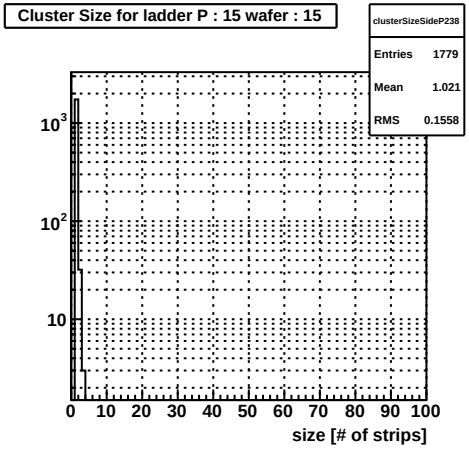

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 0
Mean 0
RMS 0
size [# of strips]

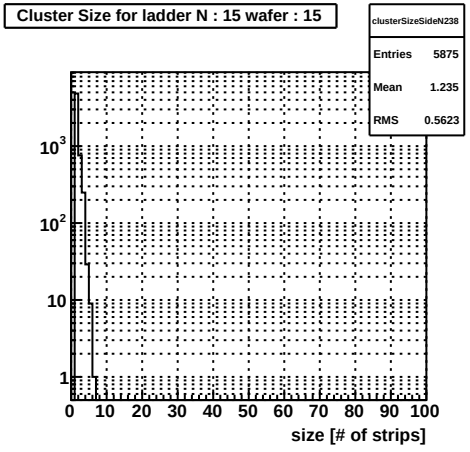

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 377
Mean 1.003
RMS 0.05143
size [# of strips]

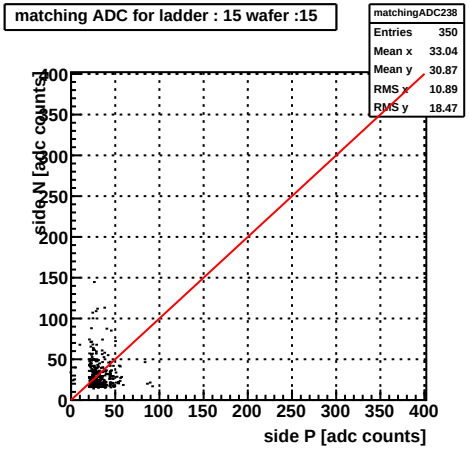

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

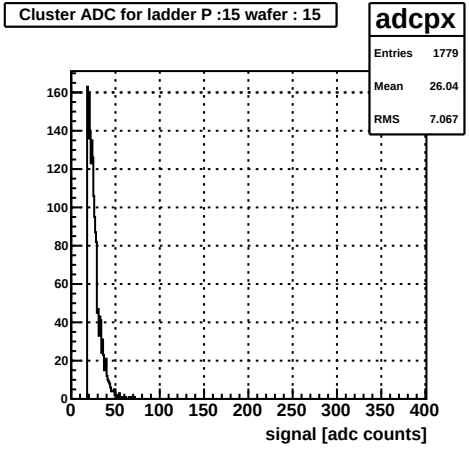

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

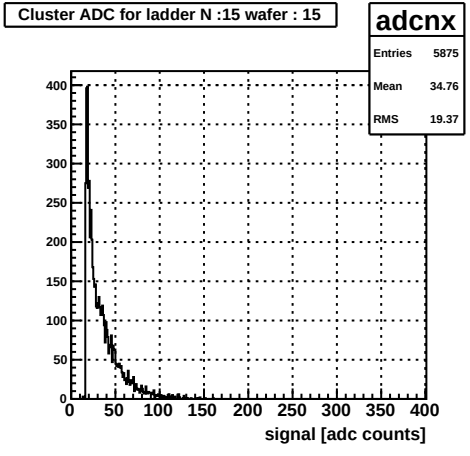

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 377
Mean 20.1
RMS 6.766
signal [adc counts]

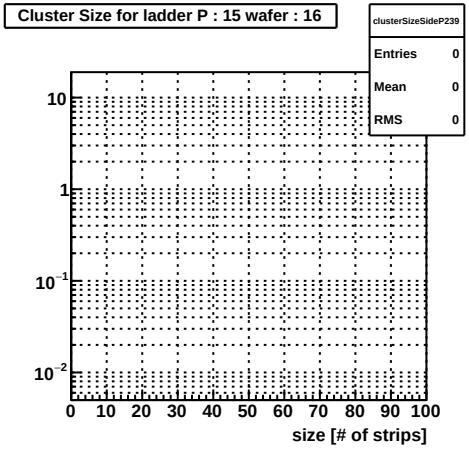

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1779
Mean 1.021
RMS 0.1558
size [# of strips]

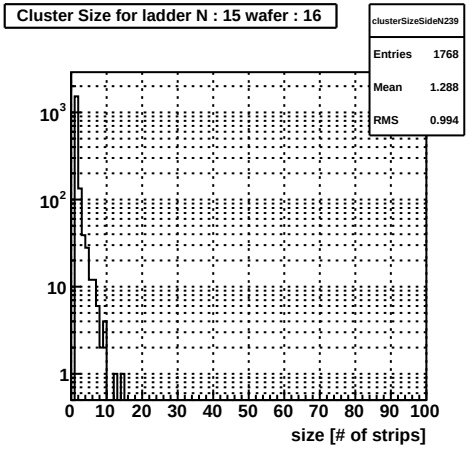

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5875
Mean 1.235
RMS 0.5623
size [# of strips]

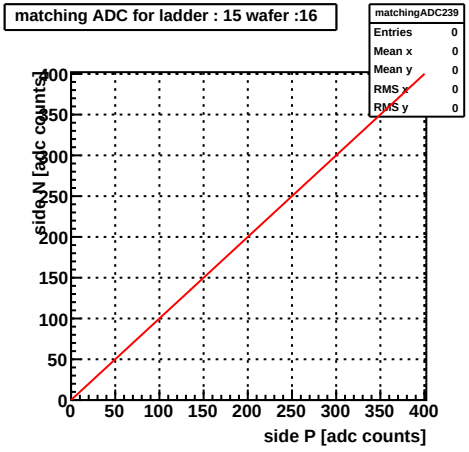

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 350
Mean x 33.04
Mean y 30.87
RMS x 10.89
RMS y 18.47
side N [adc counts]
side P [adc counts]

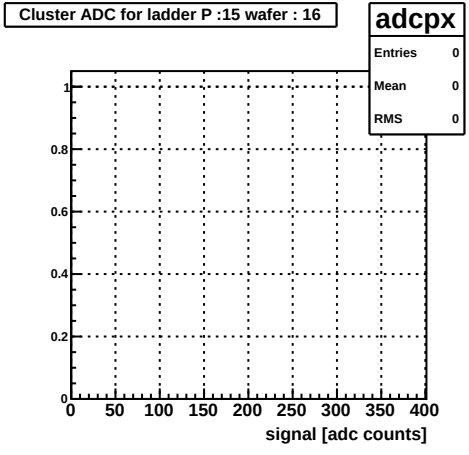

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1779
Mean 26.04
RMS 7.067
signal [adc counts]

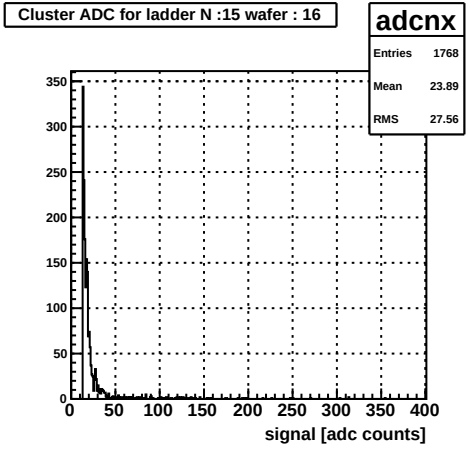

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5875
Mean 34.76
RMS 19.37
signal [adc counts]

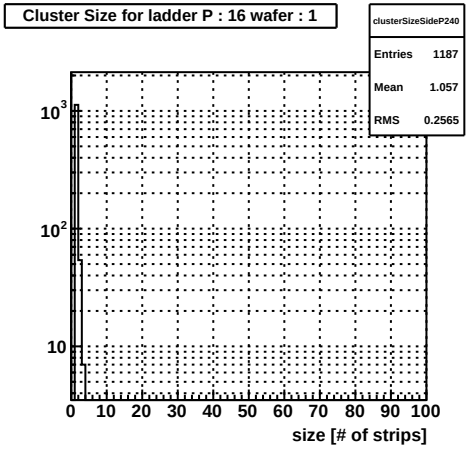

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

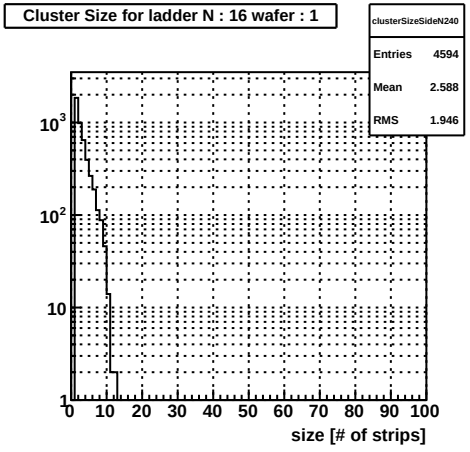

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1768
Mean 1.288
RMS 0.994
size [# of strips]

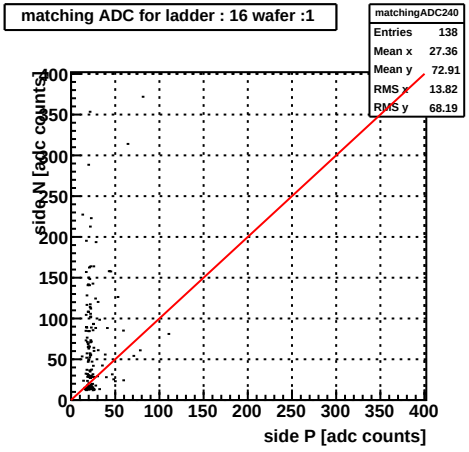

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

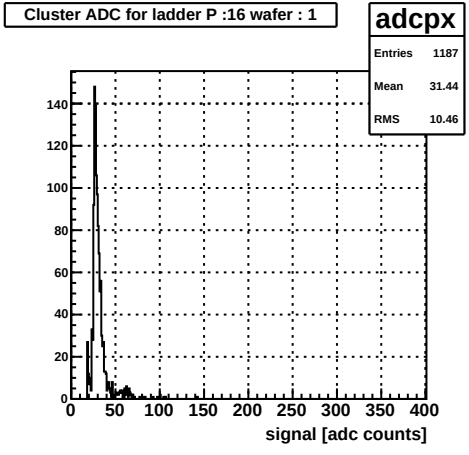

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

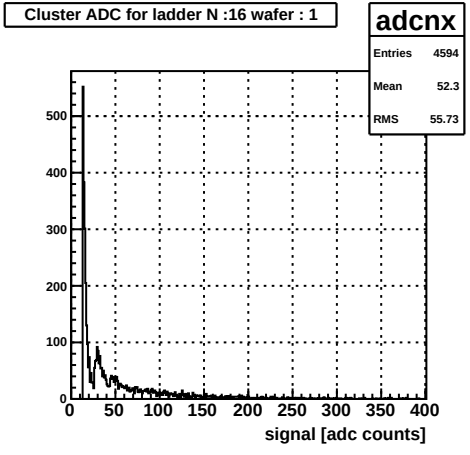

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1768
Mean 23.89
RMS 27.56
signal [adc counts]

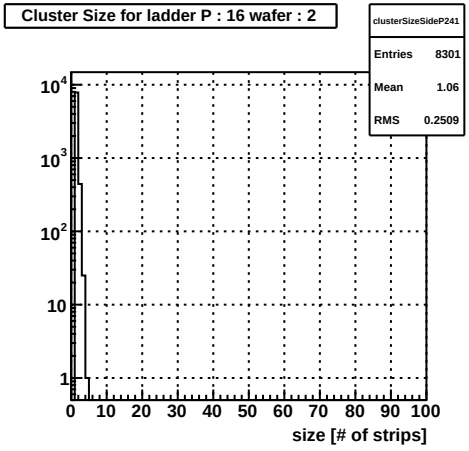

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1187
Mean 1.057
RMS 0.2565
size [# of strips]

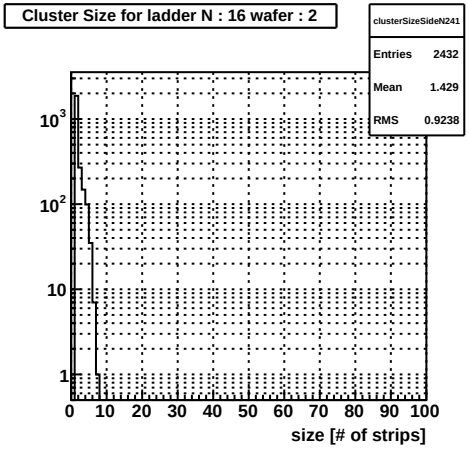

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4594
Mean 2.588
RMS 1.946
size [# of strips]

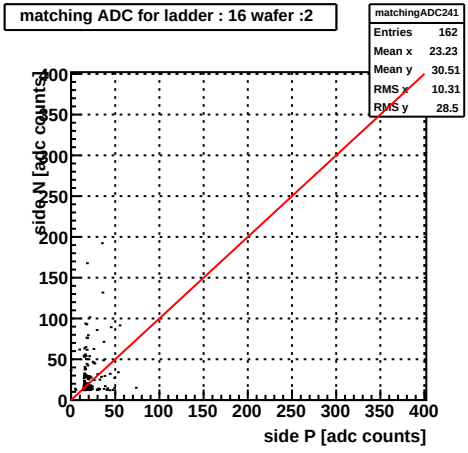

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 138
Mean x 27.36
Mean y 72.91
RMS x 13.82
RMS y 68.19
side N [adc counts]
side P [adc counts]

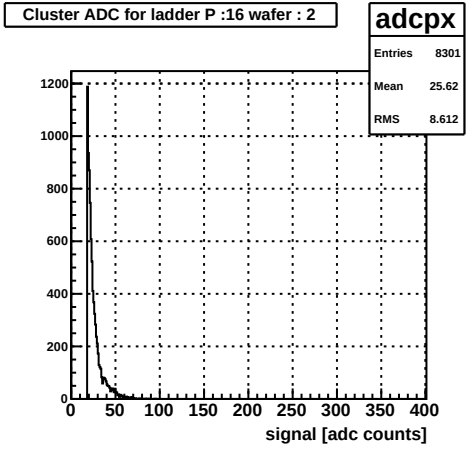

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1187
Mean 31.44
RMS 10.46
signal [adc counts]

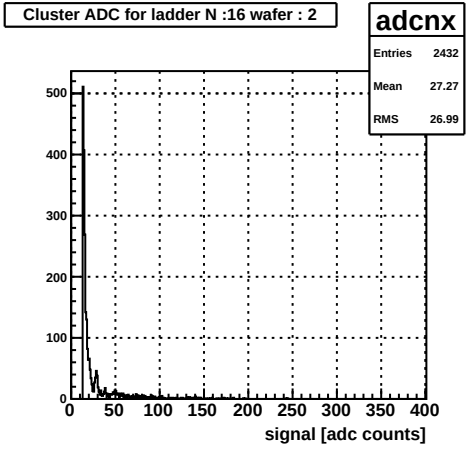

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4594
Mean 52.3
RMS 55.73
signal [adc counts]

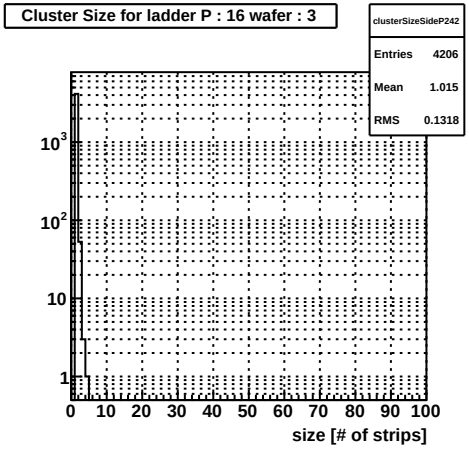

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 8301
Mean 1.06
RMS 0.2509
size [# of strips]

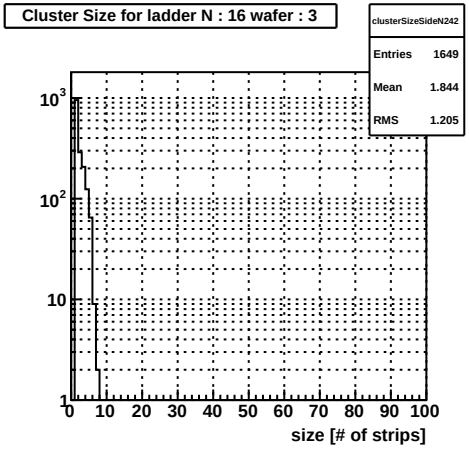

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2432
Mean 1.429
RMS 0.9238
size [# of strips]

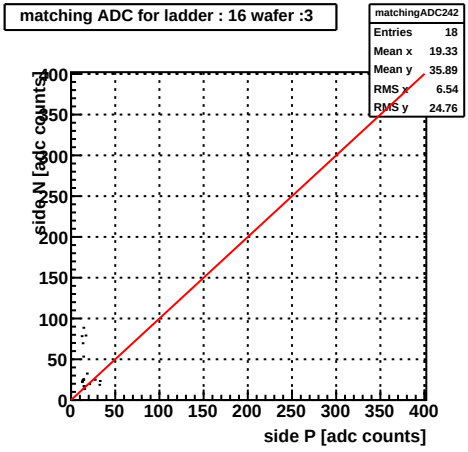

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 162
Mean x 23.23
Mean y 30.51
RMS x 10.31
RMS y 28.5
side N [adc counts]
side P [adc counts]

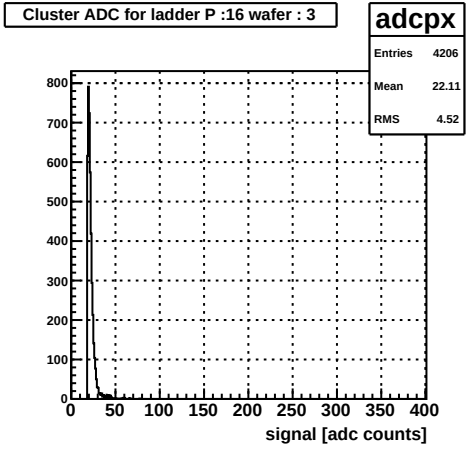

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 8301
Mean 25.62
RMS 8.612
signal [adc counts]

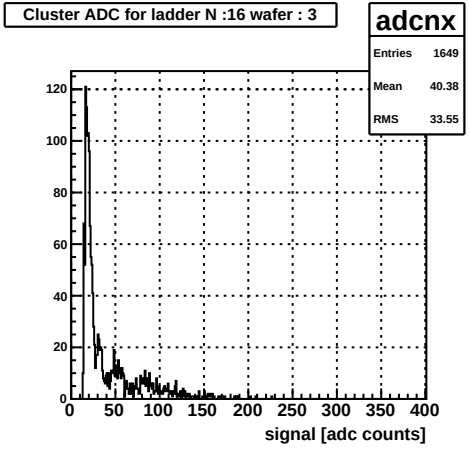

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2432
Mean 27.27
RMS 26.99
signal [adc counts]

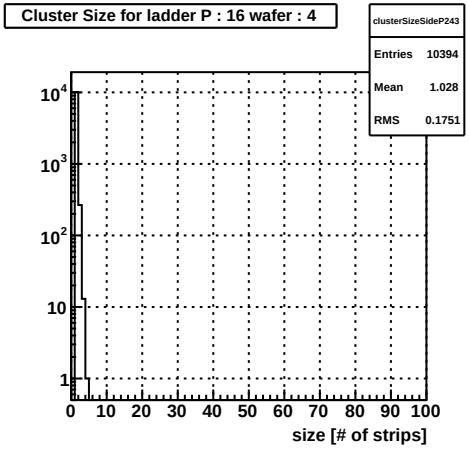

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 4206
Mean 1.015
RMS 0.1318
size [# of strips]

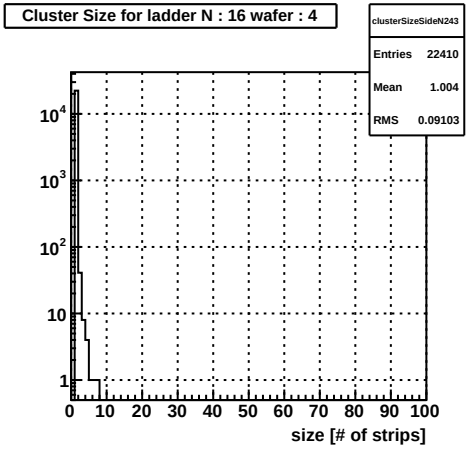

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1649
Mean 1.844
RMS 1.205
size [# of strips]

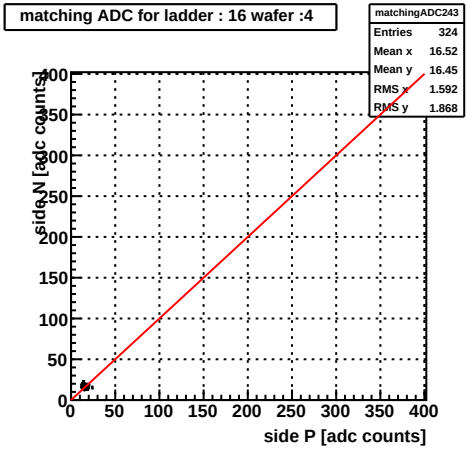

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 18
Mean x 19.33
Mean y 35.89
RMS x 6.54
RMS y 24.76
side N [adc counts]
side P [adc counts]

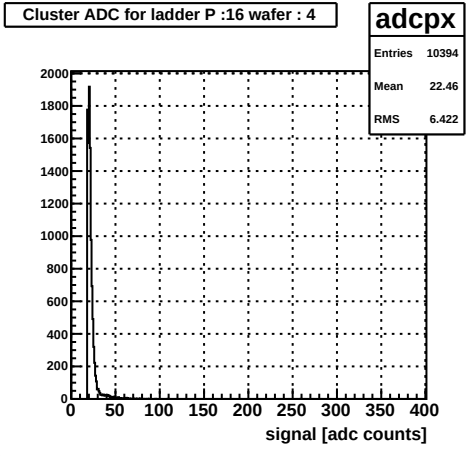

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 4206
Mean 22.11
RMS 4.52
signal [adc counts]

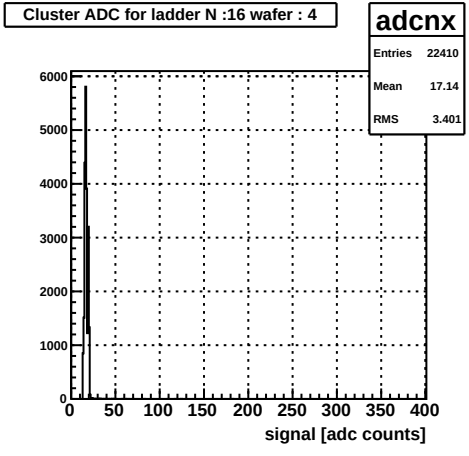

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1649
Mean 40.38
RMS 33.55
signal [adc counts]

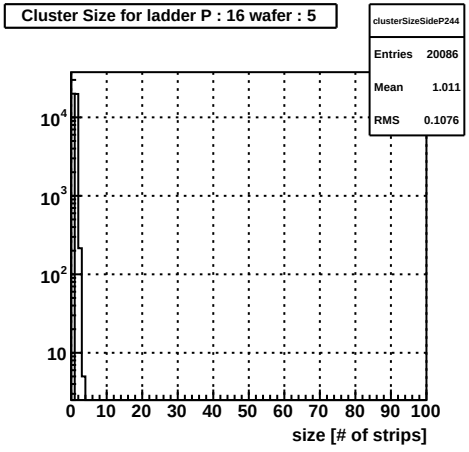

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 10394
Mean 1.028
RMS 0.1751
size [# of strips]

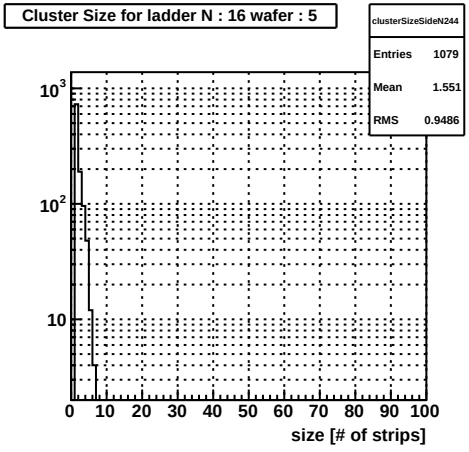

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 22410
Mean 1.004
RMS 0.09103
size [# of strips]

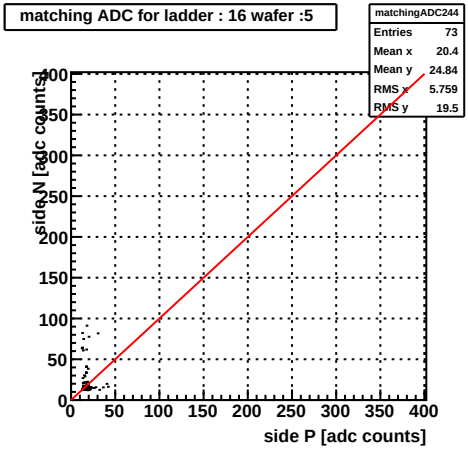

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 324
Mean x 16.52
Mean y 16.45
RMS x 1.592
RMS y 1.868
side N [adc counts]
side P [adc counts]

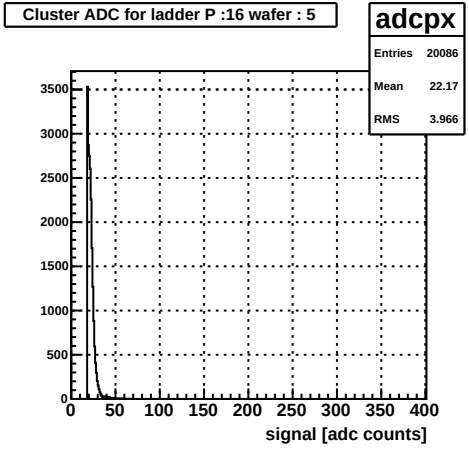

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 10394
Mean 22.46
RMS 6.422
signal [adc counts]

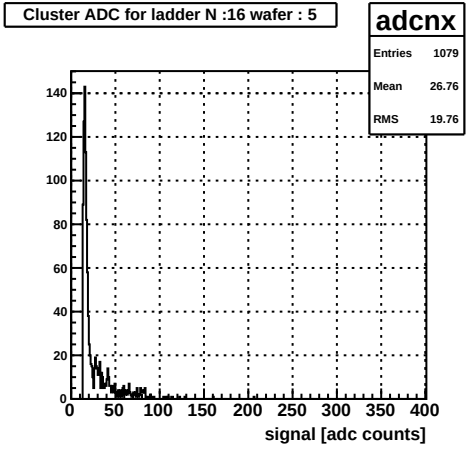

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 22410
Mean 17.14
RMS 3.401
signal [adc counts]

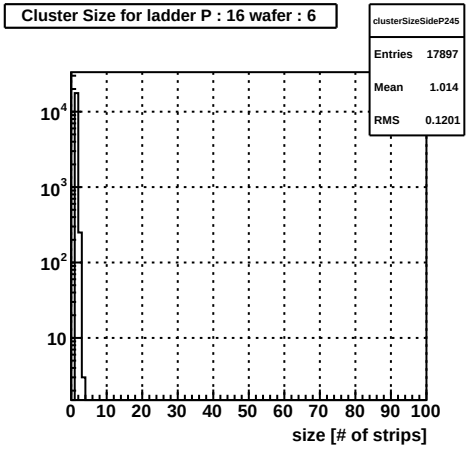

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 20086
Mean 1.011
RMS 0.1076
size [# of strips]

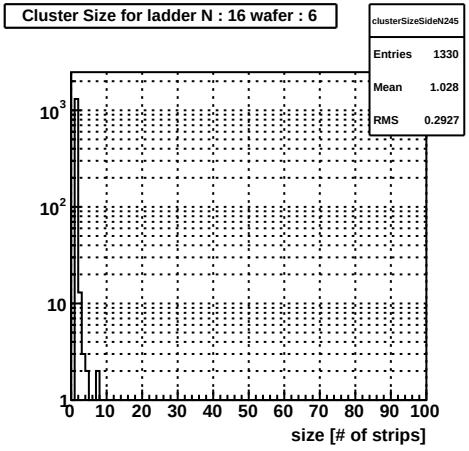

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1079
Mean 1.551
RMS 0.9486
size [# of strips]

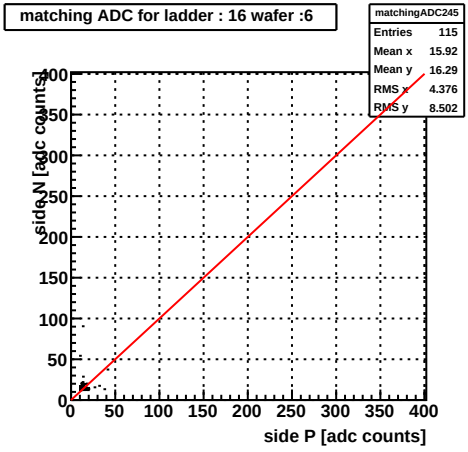

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 73
Mean x 20.4
Mean y 24.84
RMS x 5.759
RMS y 19.5
side N [adc counts]
side P [adc counts]

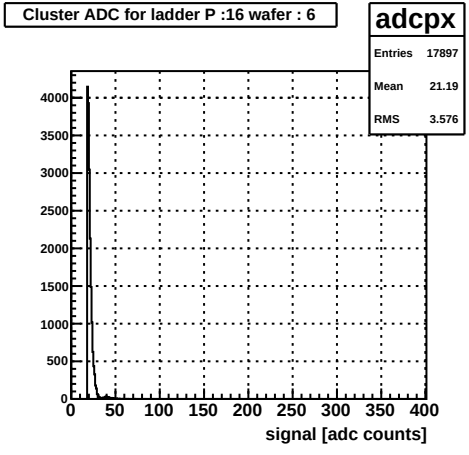

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 20086
Mean 22.17
RMS 3.966
signal [adc counts]

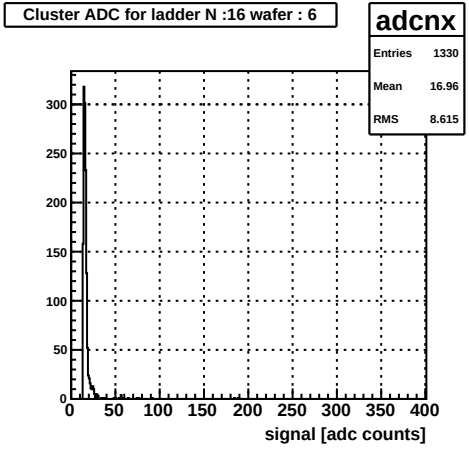

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1079
Mean 26.76
RMS 19.76
signal [adc counts]

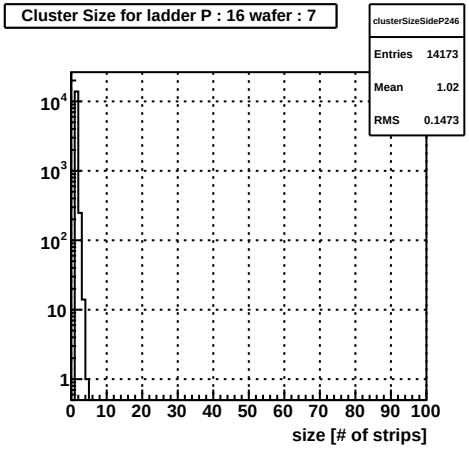

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 17897
Mean 1.014
RMS 0.1201
size [# of strips]

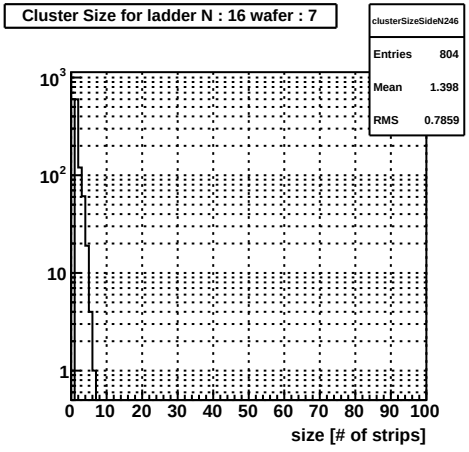

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1330
Mean 1.028
RMS 0.2927
size [# of strips]

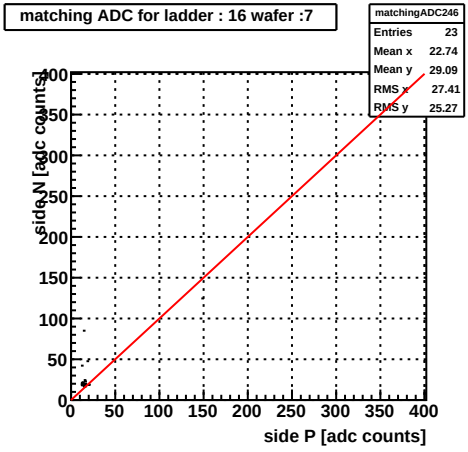

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 115
Mean x 15.92
Mean y 16.29
RMS x 4.376
RMS y 8.502
side N [adc counts]
side P [adc counts]

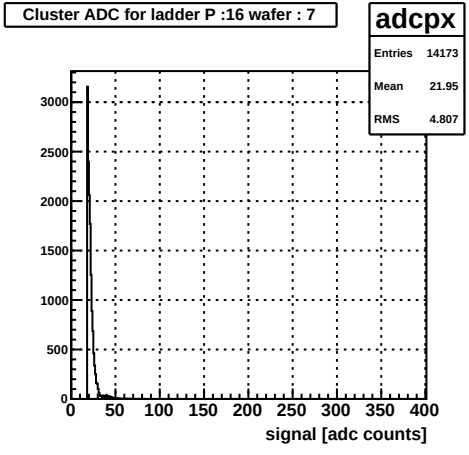

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 17897
Mean 21.19
RMS 3.576
signal [adc counts]

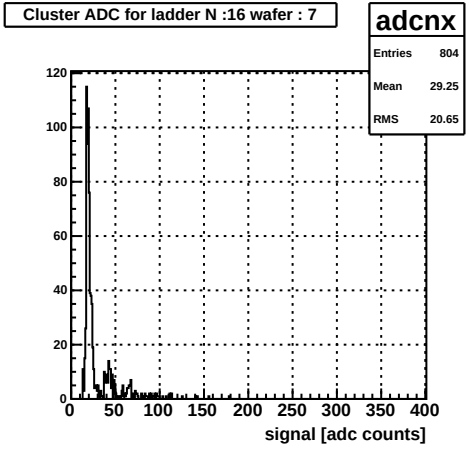

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1330
Mean 16.96
RMS 8.615
signal [adc counts]

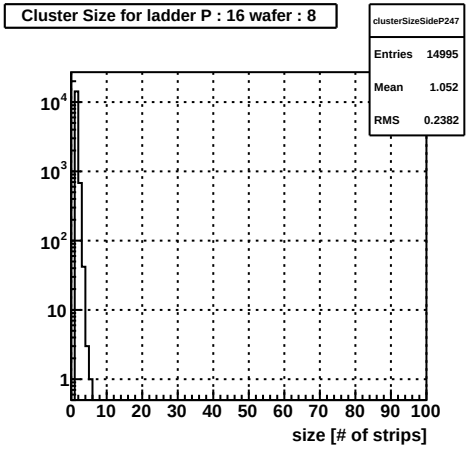

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14173
Mean 1.02
RMS 0.1473
size [# of strips]

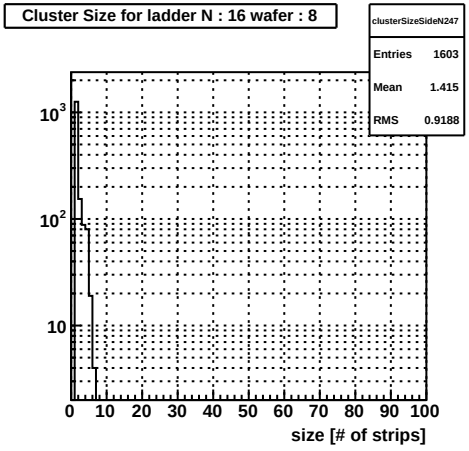

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 804
Mean 1.398
RMS 0.7859
size [# of strips]

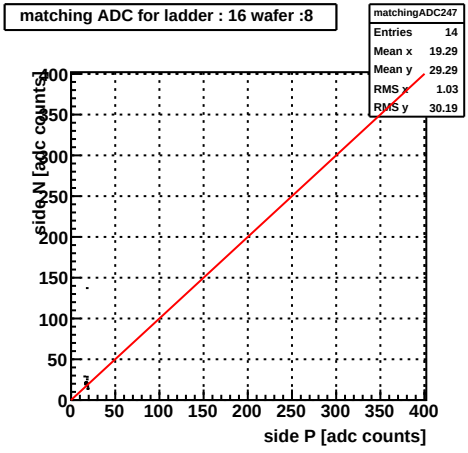

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 23
Mean x 22.74
Mean y 29.09
RMS x 27.41
RMS y 25.27
side N [adc counts]
side P [adc counts]

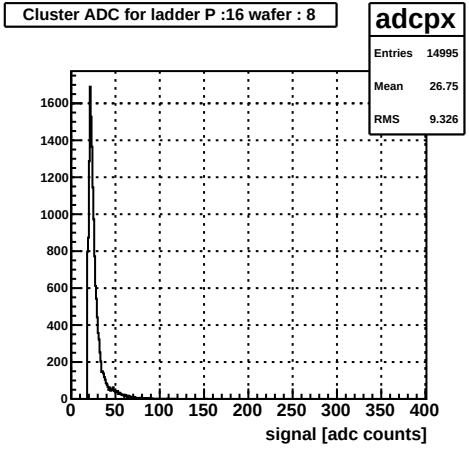

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14173
Mean 21.95
RMS 4.807
signal [adc counts]

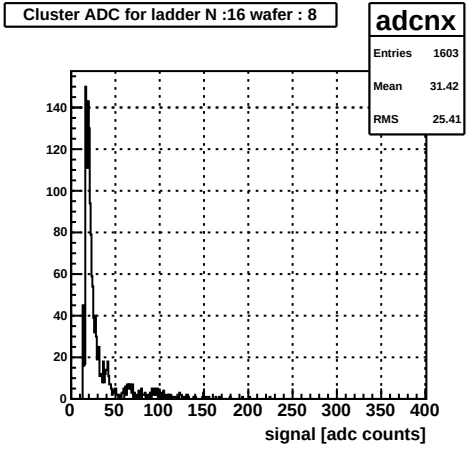

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 804
Mean 29.25
RMS 20.65
signal [adc counts]

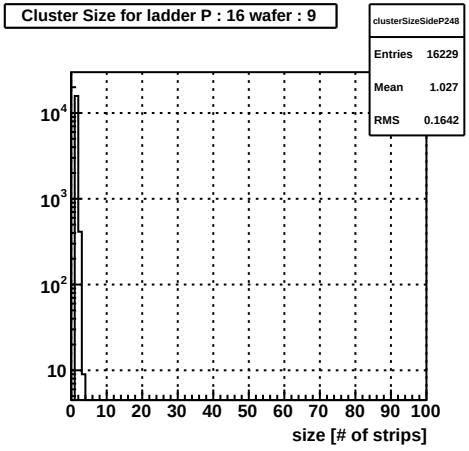

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 14995
Mean 1.052
RMS 0.2382
size [# of strips]

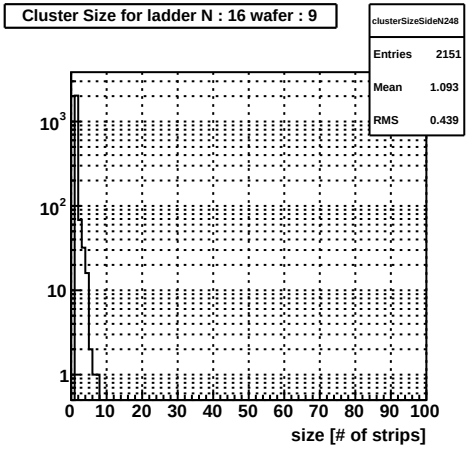

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1603
Mean 1.415
RMS 0.9188
size [# of strips]

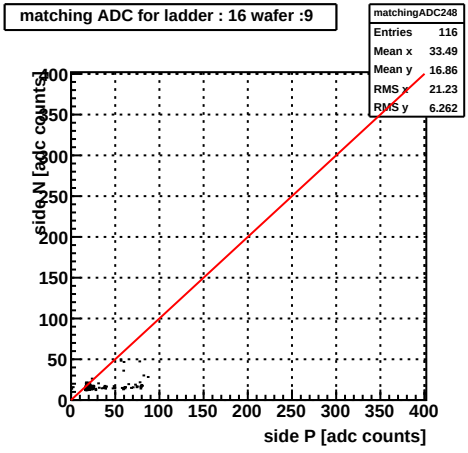

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 14
Mean x 19.29
Mean y 29.29
RMS x 1.03
RMS y 30.19
side N [adc counts]
side P [adc counts]

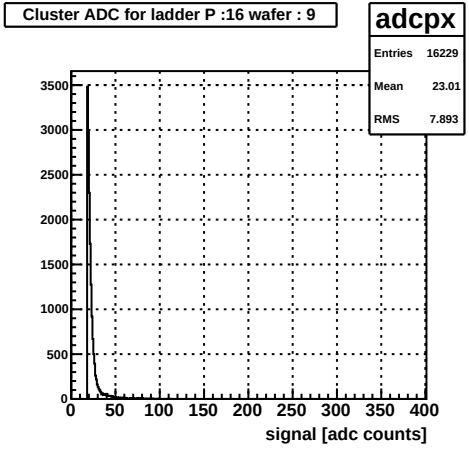

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 14995
Mean 26.75
RMS 9.326
signal [adc counts]

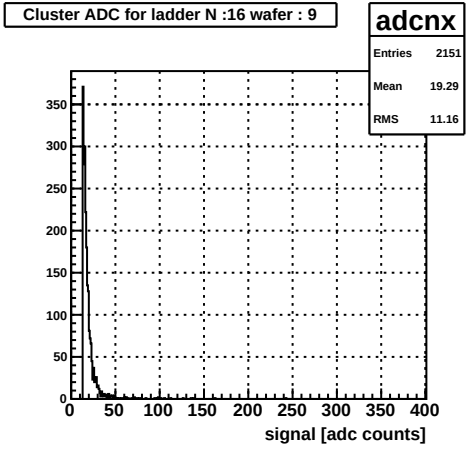

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1603
Mean 31.42
RMS 25.41
signal [adc counts]

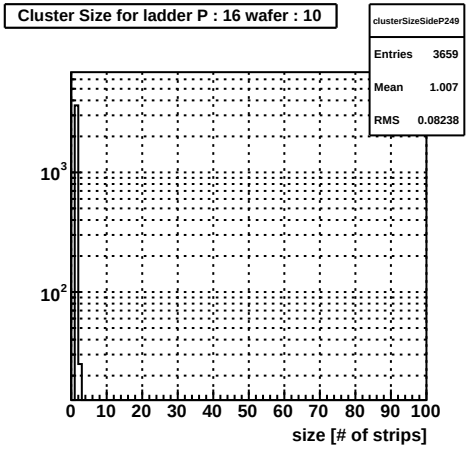

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 16229
Mean 1.027
RMS 0.1642
size [# of strips]

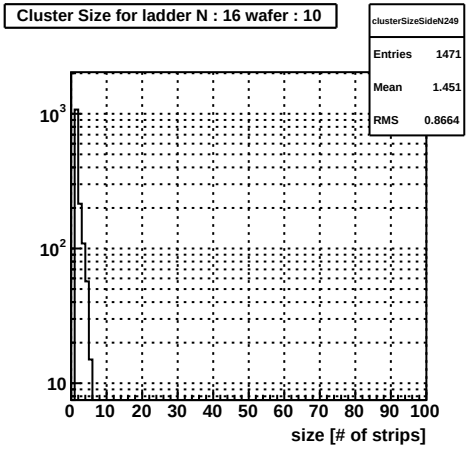

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2151
Mean 1.093
RMS 0.439
size [# of strips]

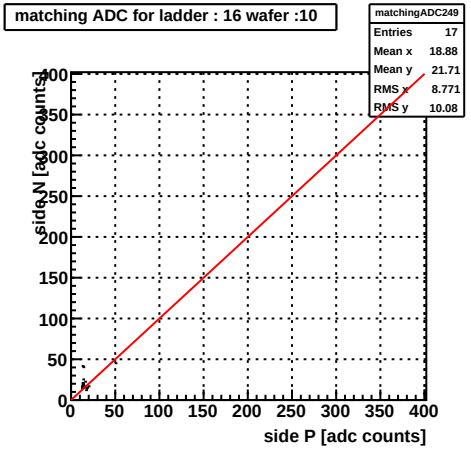

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 116
Mean x 33.49
Mean y 16.86
RMS x 21.23
RMS y 6.262
side N [adc counts]
side P [adc counts]

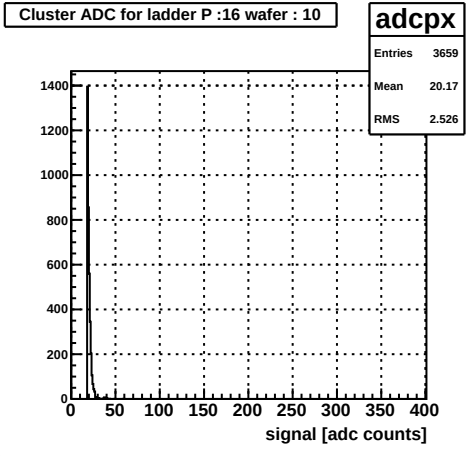

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 16229
Mean 23.01
RMS 7.893
signal [adc counts]

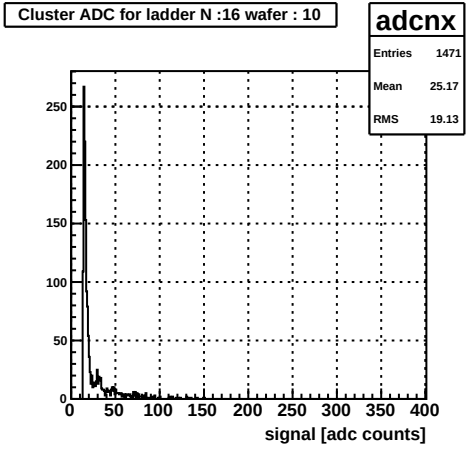

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2151
Mean 19.29
RMS 11.16
signal [adc counts]

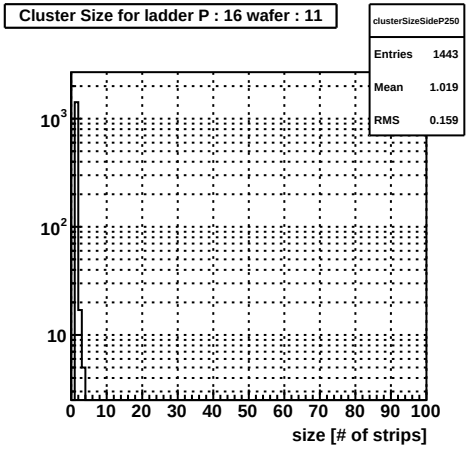

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3659
Mean 1.007
RMS 0.08238
size [# of strips]

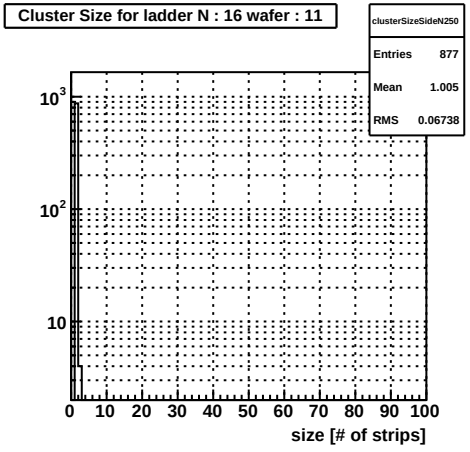

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1471
Mean 1.451
RMS 0.8664
size [# of strips]

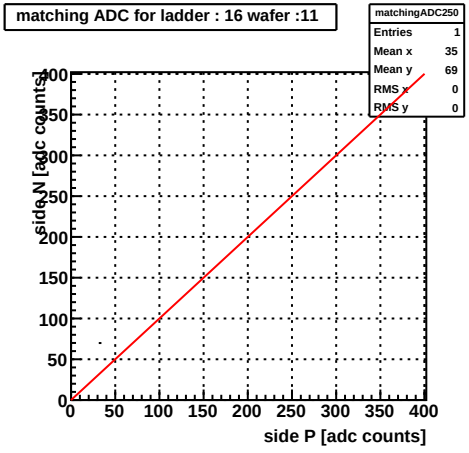

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 17
Mean x 18.88
Mean y 21.71
RMS x 8.771
RMS y 10.08
side N [adc counts]
side P [adc counts]

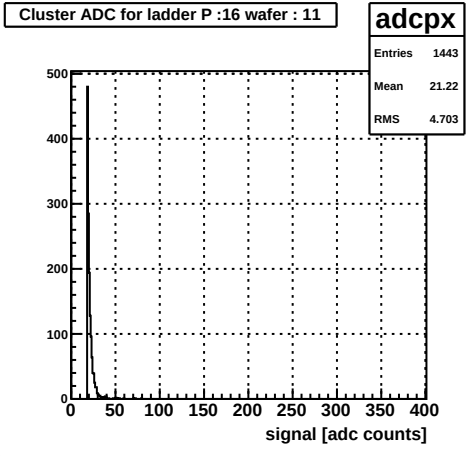

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3659
Mean 20.17
RMS 2.526
signal [adc counts]

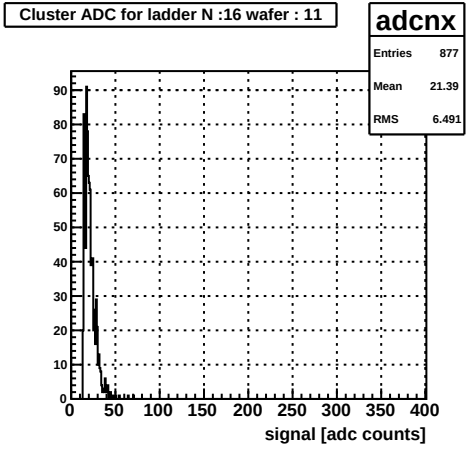

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1471
Mean 25.17
RMS 19.13
signal [adc counts]

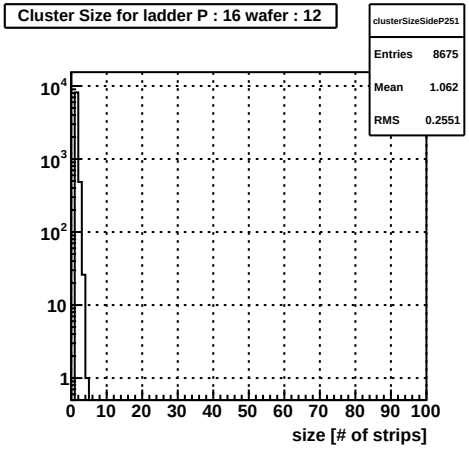

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1443
Mean 1.019
RMS 0.159
size [# of strips]

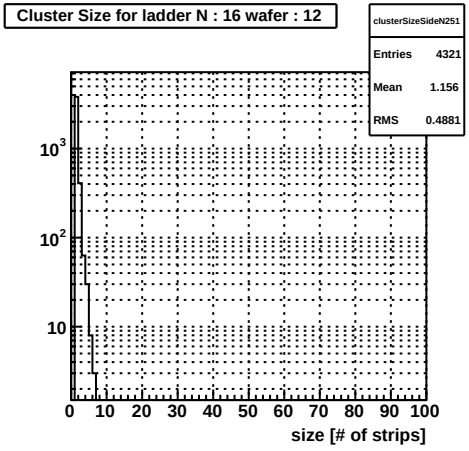

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 877
Mean 1.005
RMS 0.06738
size [# of strips]

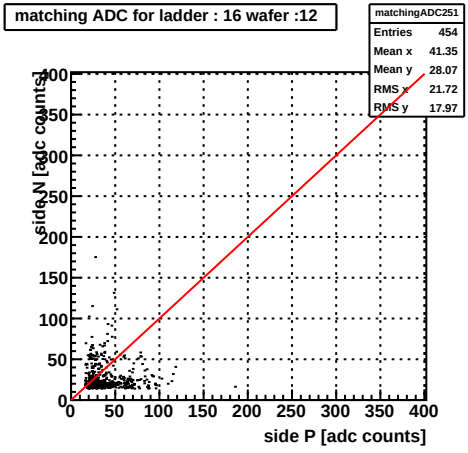

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1
Mean x 35
Mean y 69
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

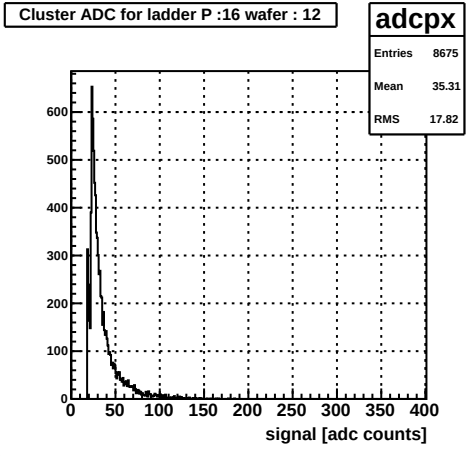

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1443
Mean 21.22
RMS 4.703
signal [adc counts]

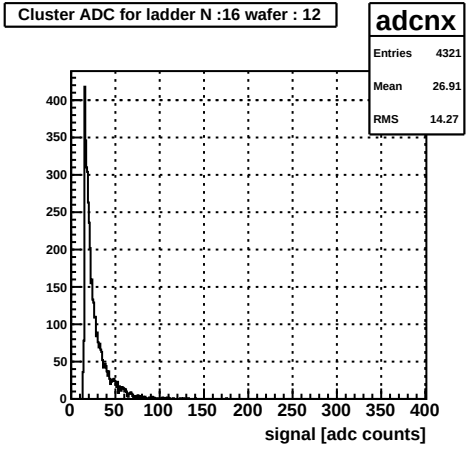

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 877
Mean 21.39
RMS 6.491
signal [adc counts]

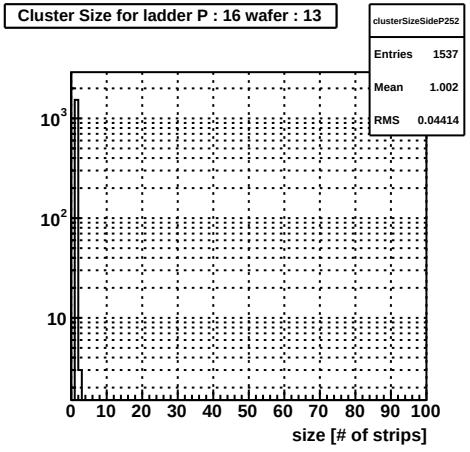

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 8675
Mean 1.062
RMS 0.2551
size [# of strips]

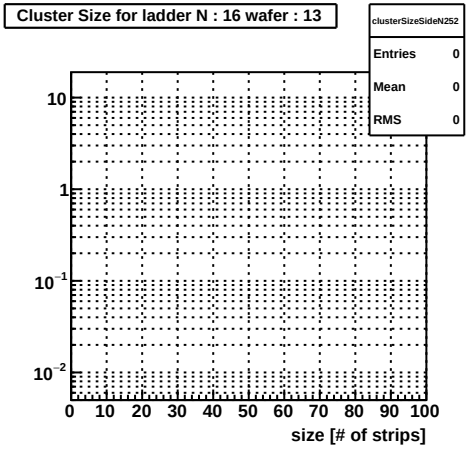

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 4321
Mean 1.156
RMS 0.4881
size [# of strips]

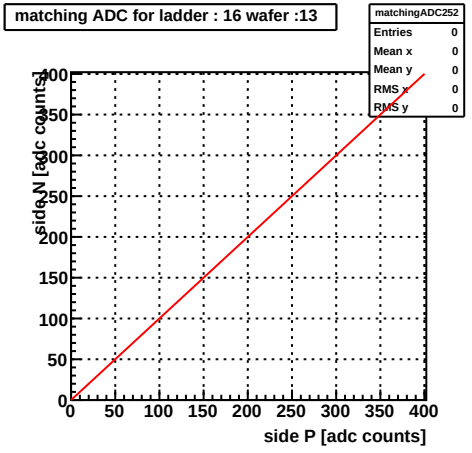

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 454
Mean x 41.35
Mean y 28.07
RMS x 21.72
RMS y 17.97
side N [adc counts]
side P [adc counts]

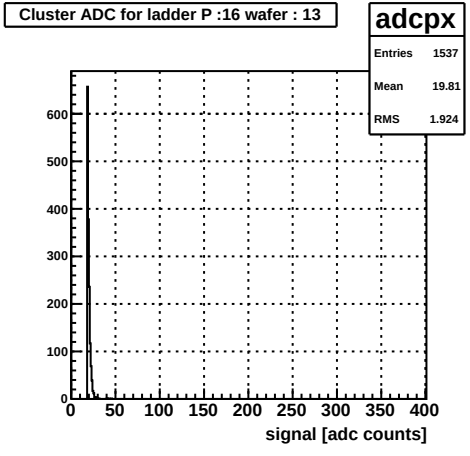

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 8675
Mean 35.31
RMS 17.82
signal [adc counts]

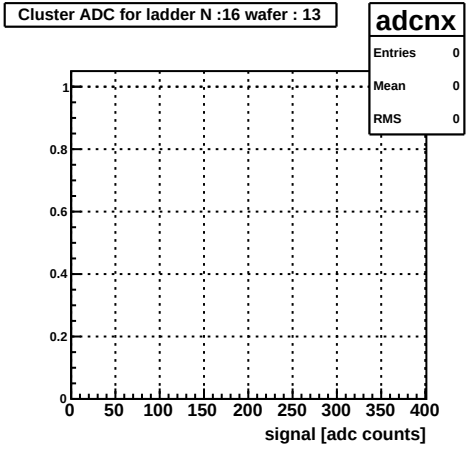

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 4321
Mean 26.91
RMS 14.27
signal [adc counts]

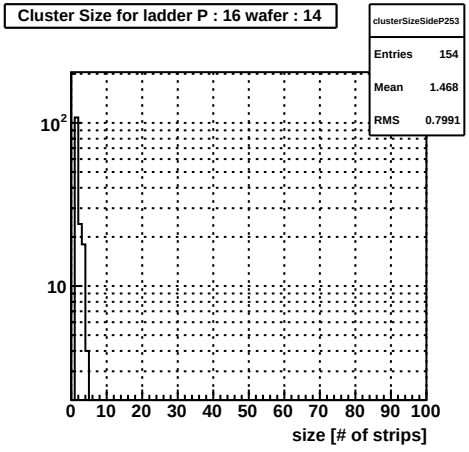

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1537
Mean 1.002
RMS 0.04414
size [# of strips]

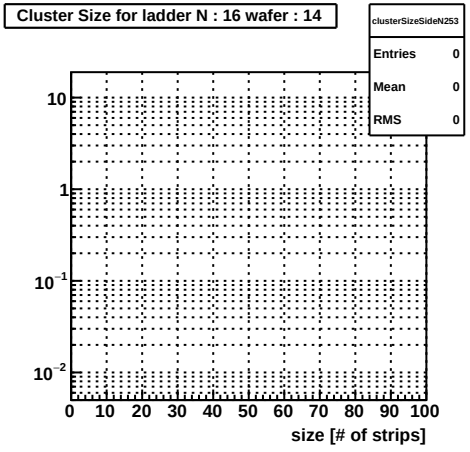

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

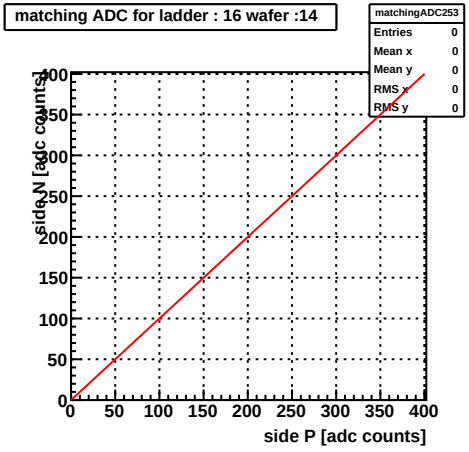

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

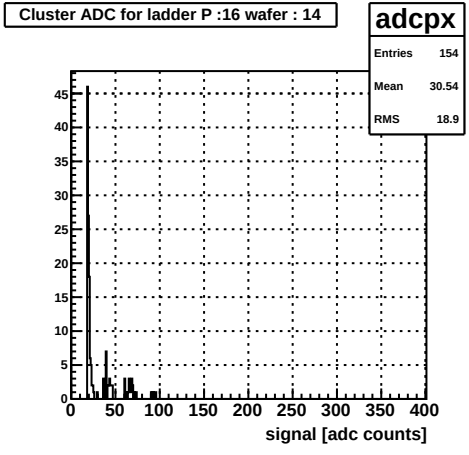

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1537
Mean 19.81
RMS 1.924
signal [adc counts]

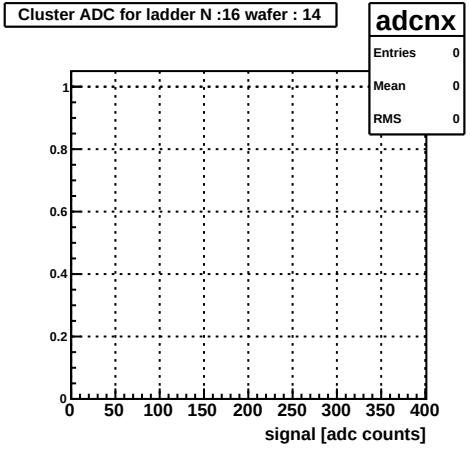

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

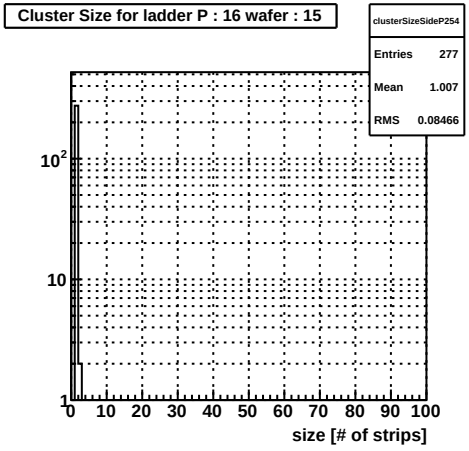

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 154
Mean 1.468
RMS 0.7991
size [# of strips]

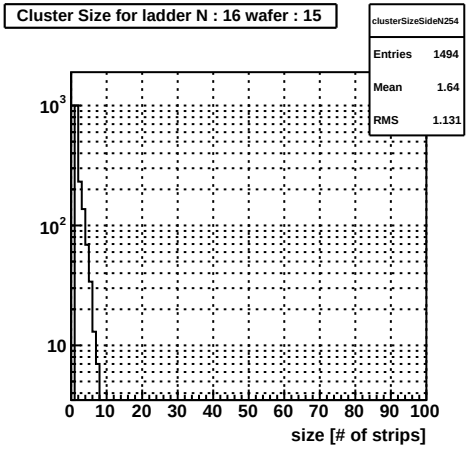

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

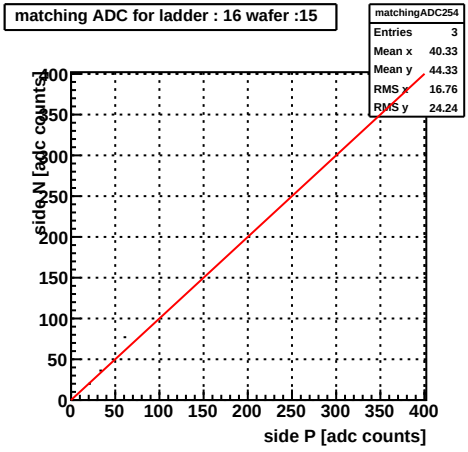

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

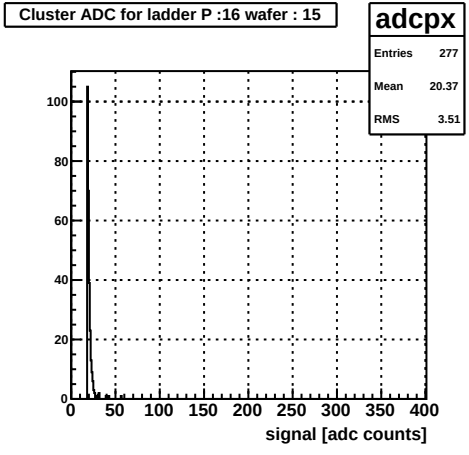

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 154
Mean 30.54
RMS 18.9
signal [adc counts]

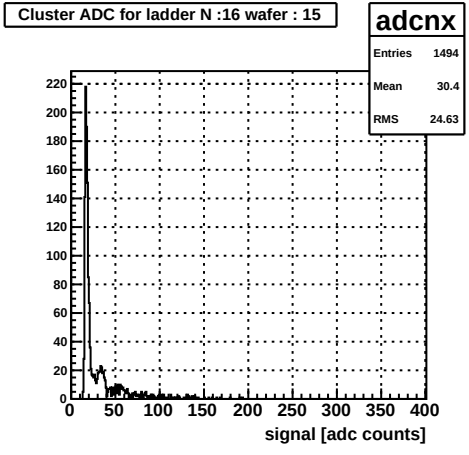

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

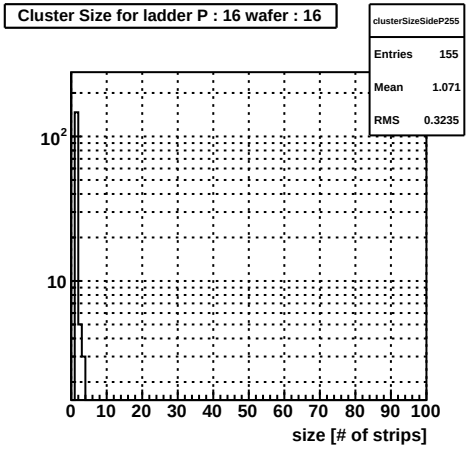

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 277
Mean 1.007
RMS 0.08466
size [# of strips]

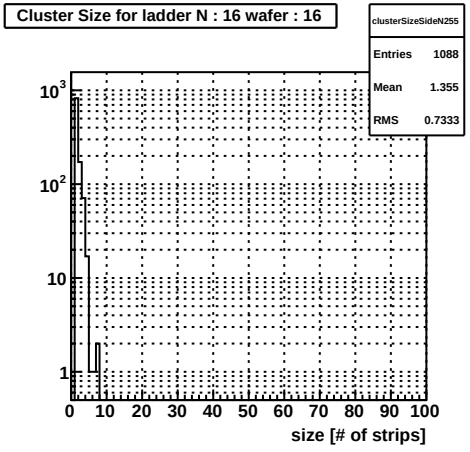

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1494
Mean 1.64
RMS 1.131
size [# of strips]

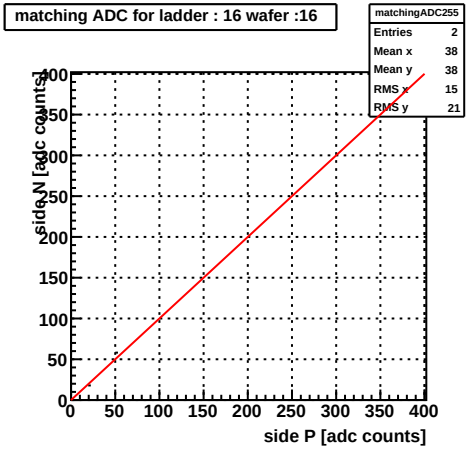

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 3
Mean x 40.33
Mean y 44.33
RMS x 16.76
RMS y 24.24
side N [adc counts]
side P [adc counts]

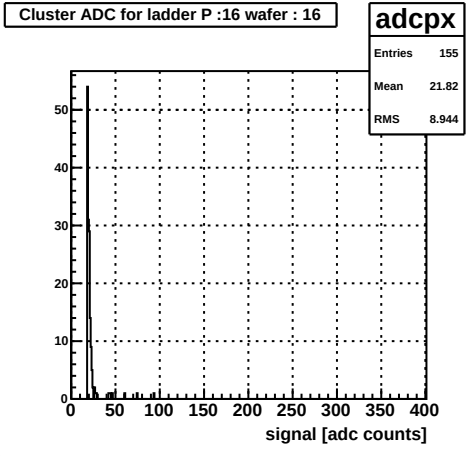

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 277
Mean 20.37
RMS 3.51
signal [adc counts]

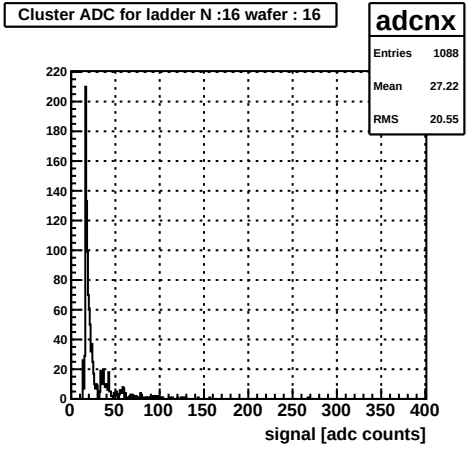

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1494
Mean 30.4
RMS 24.63
signal [adc counts]

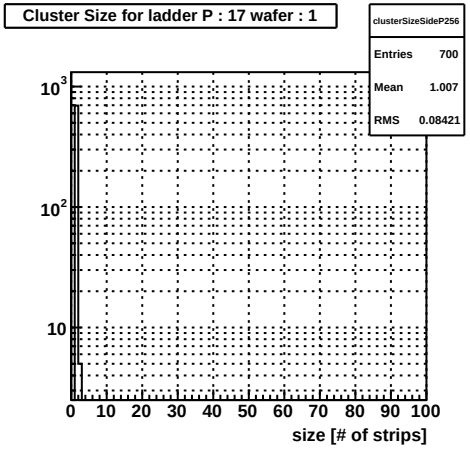

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 155
Mean 1.071
RMS 0.3235
size [# of strips]

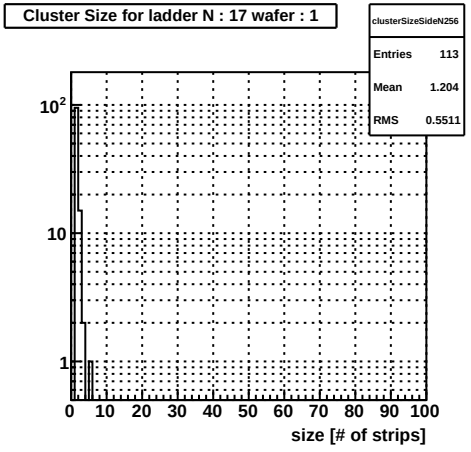

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1088
Mean 1.355
RMS 0.7333
size [# of strips]

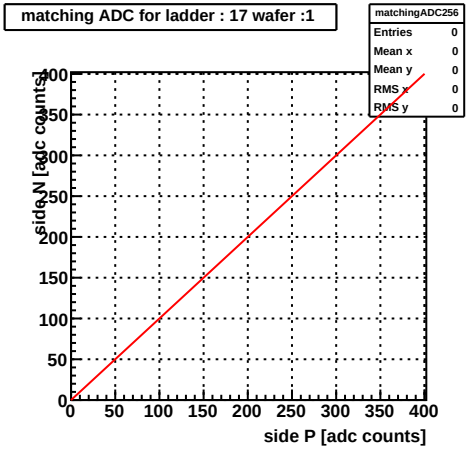

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 2
Mean x 38
Mean y 38
RMS x 15
RMS y 21
side N [adc counts]
side P [adc counts]

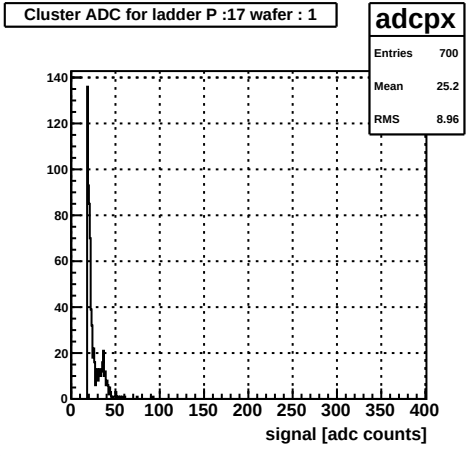

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 155
Mean 21.82
RMS 8.944
signal [adc counts]

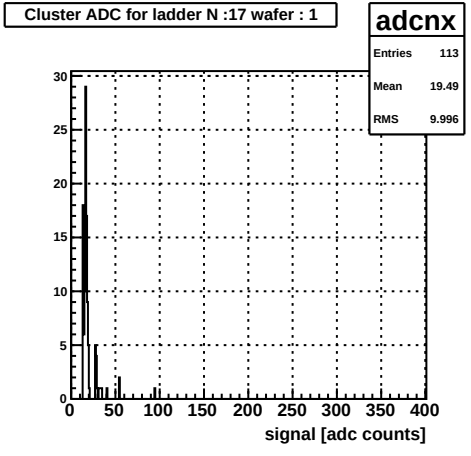

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1088
Mean 27.22
RMS 20.55
signal [adc counts]

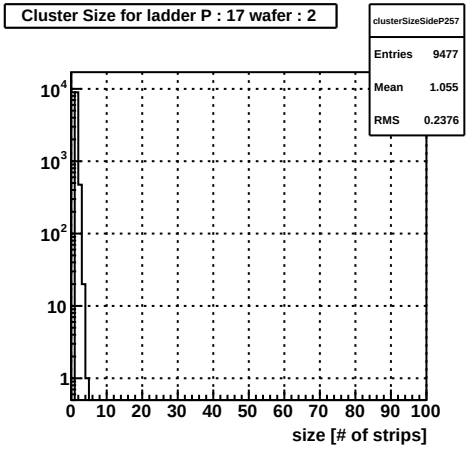

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 700
Mean 1.007
RMS 0.08421
size [# of strips]

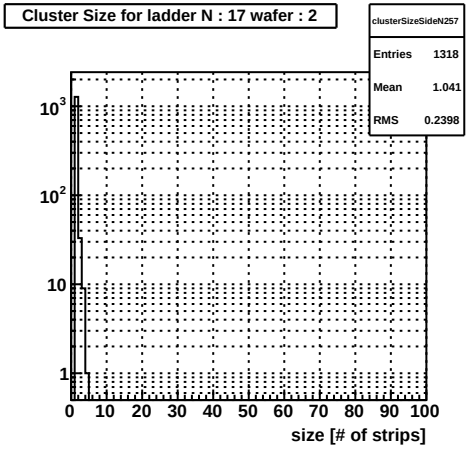

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 113
Mean 1.204
RMS 0.5511
size [# of strips]

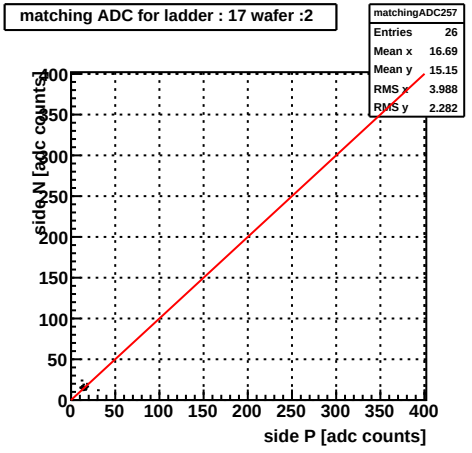

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

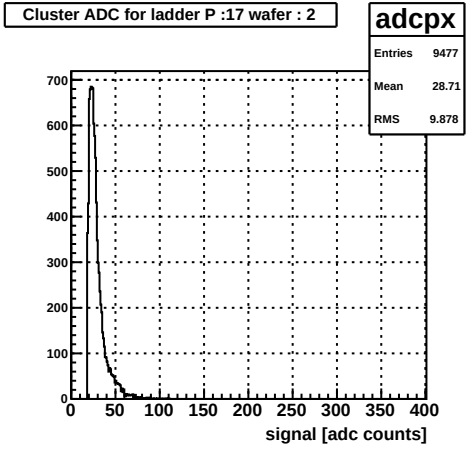

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 700
Mean 25.2
RMS 8.96
signal [adc counts]

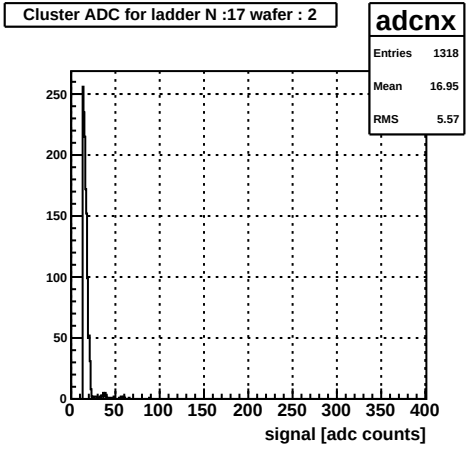

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 113
Mean 19.49
RMS 9.996
signal [adc counts]

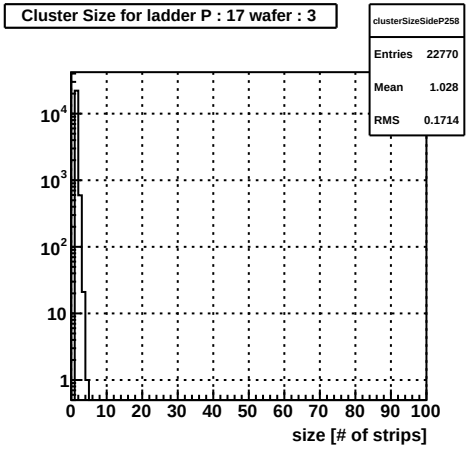

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9477
Mean 1.055
RMS 0.2376
size [# of strips]

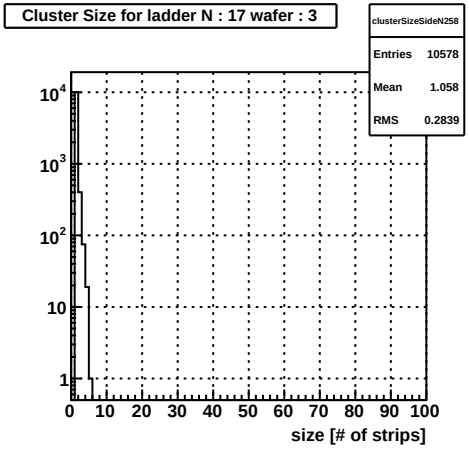

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 1318
Mean 1.041
RMS 0.2398
size [# of strips]

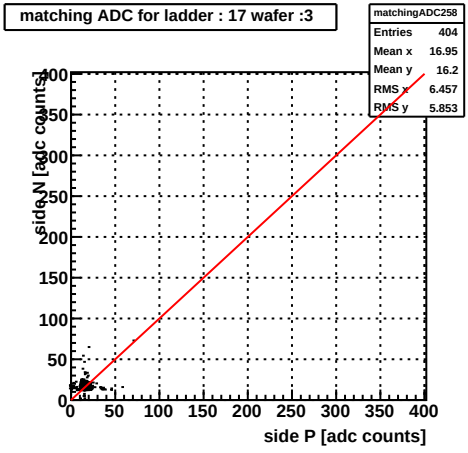

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 26
Mean x 16.69
Mean y 15.15
RMS x 3.988
RMS y 2.282
side N [adc counts]
side P [adc counts]

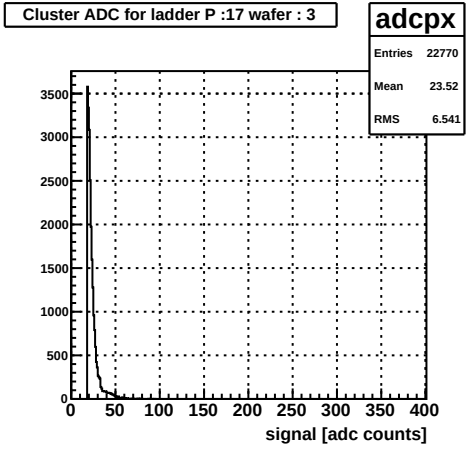

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9477
Mean 28.71
RMS 9.878
signal [adc counts]

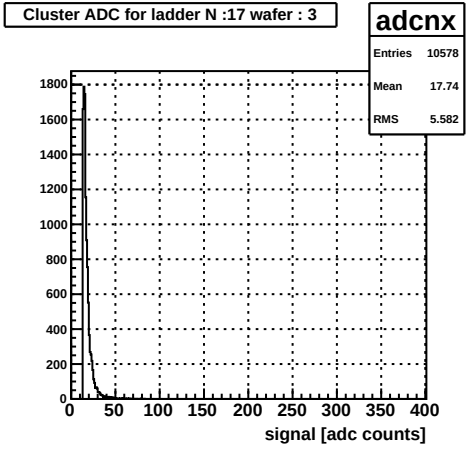

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 1318
Mean 16.95
RMS 5.57
signal [adc counts]

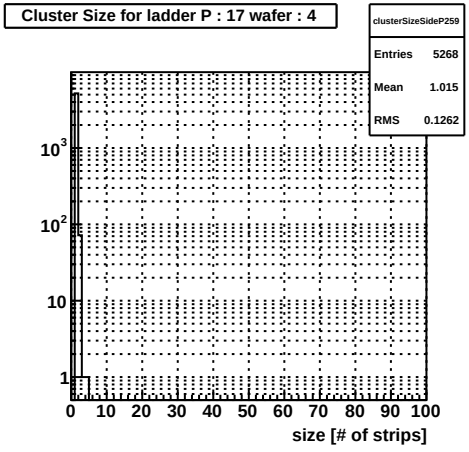

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 22770
Mean 1.028
RMS 0.1714
size [# of strips]

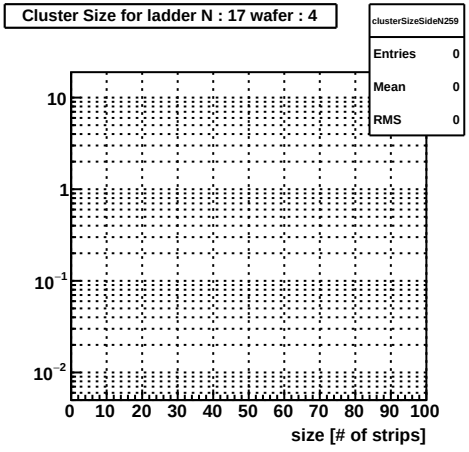

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10578
Mean 1.058
RMS 0.2839
size [# of strips]

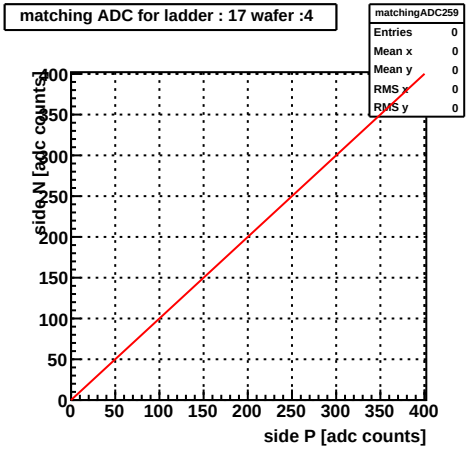

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 404
Mean x 16.95
Mean y 16.2
RMS x 6.457
RMS y 5.853
side N [adc counts]
side P [adc counts]

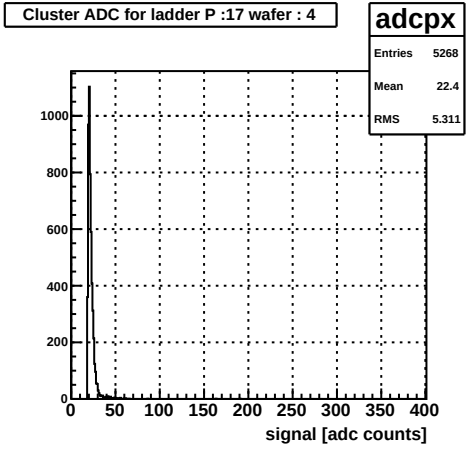

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 22770
Mean 23.52
RMS 6.541
signal [adc counts]

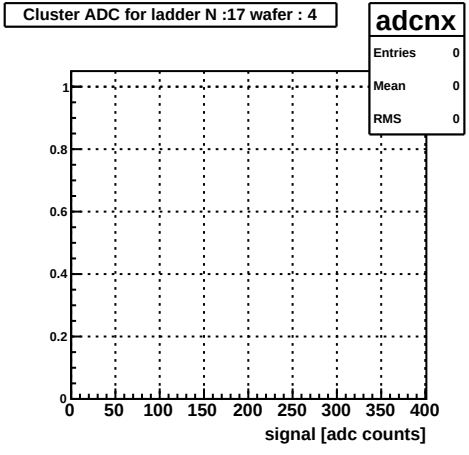

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10578
Mean 17.74
RMS 5.582
signal [adc counts]

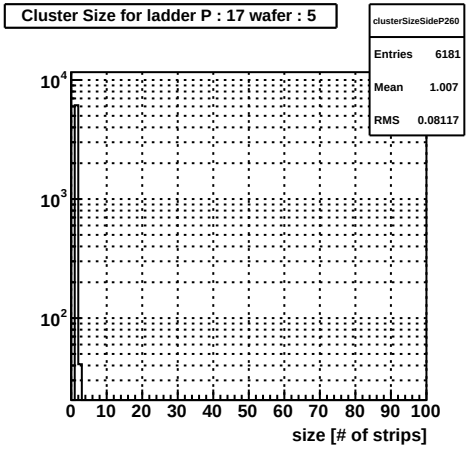

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5268
Mean 1.015
RMS 0.1262
size [# of strips]

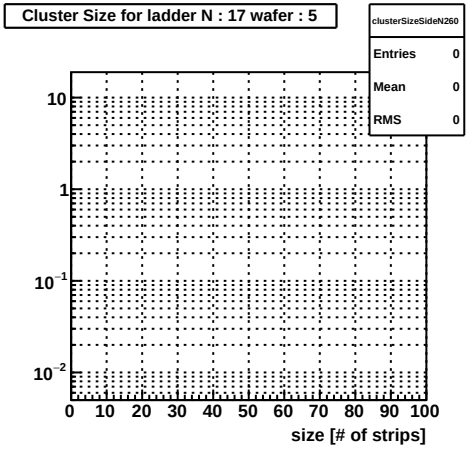

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

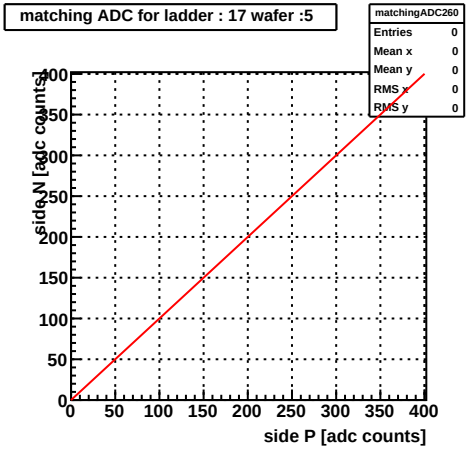

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

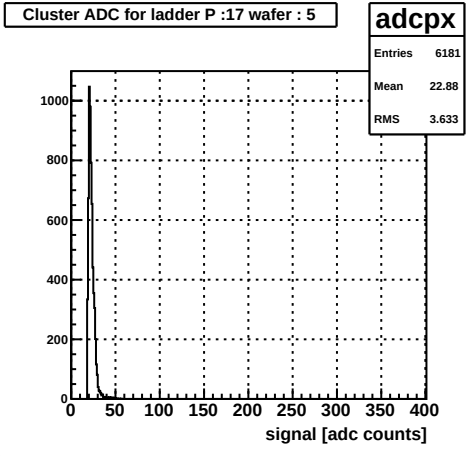

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5268
Mean 22.4
RMS 5.311
signal [adc counts]

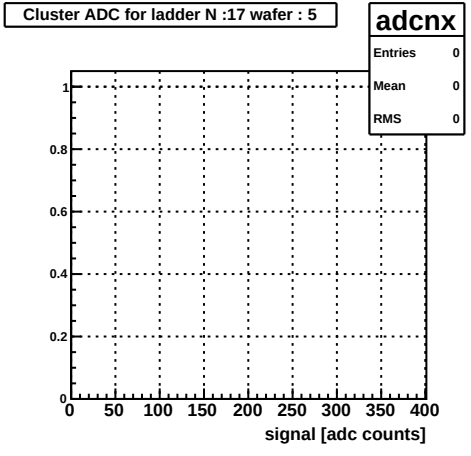

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

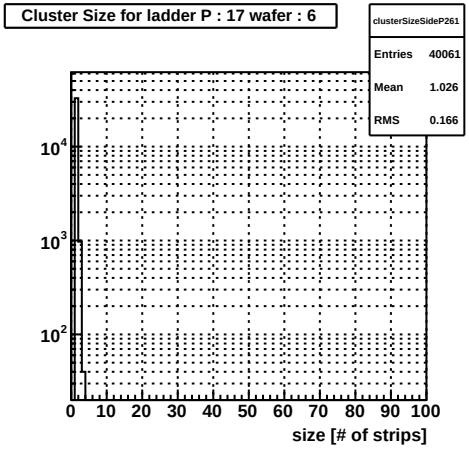

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 6181
Mean 1.007
RMS 0.08117
size [# of strips]

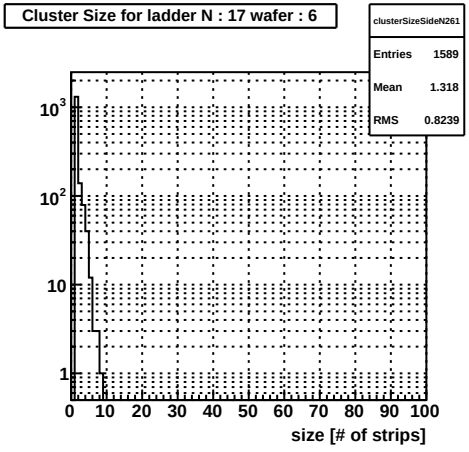

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

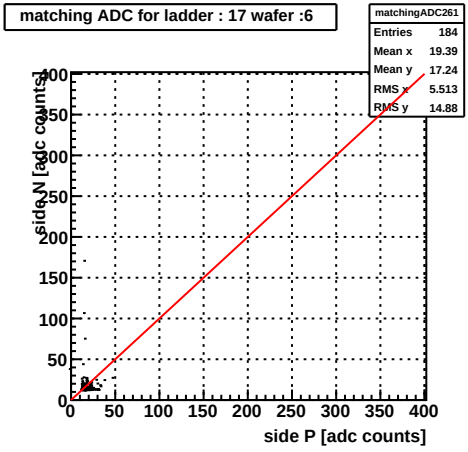

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

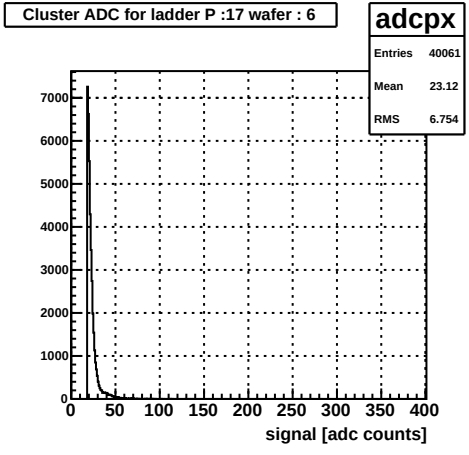

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 6181
Mean 22.88
RMS 3.633
signal [adc counts]

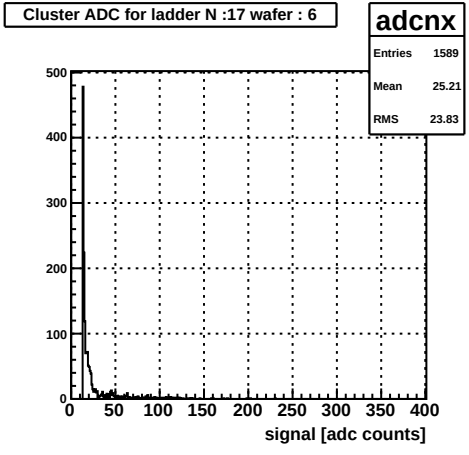

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

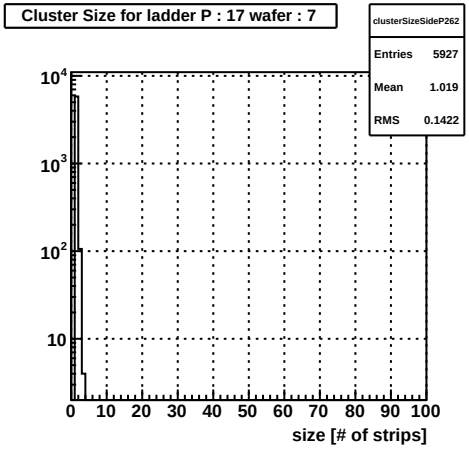

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 40061
Mean 1.026
RMS 0.166
size [# of strips]

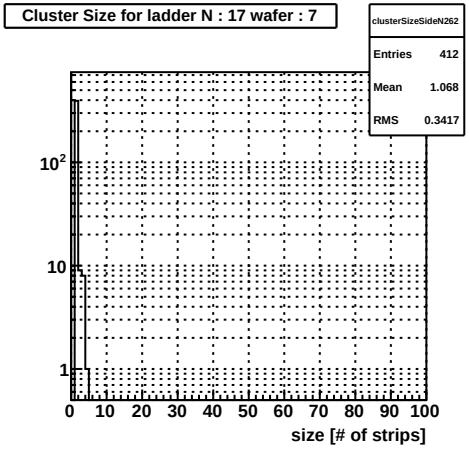

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1589
Mean 1.318
RMS 0.8239
size [# of strips]

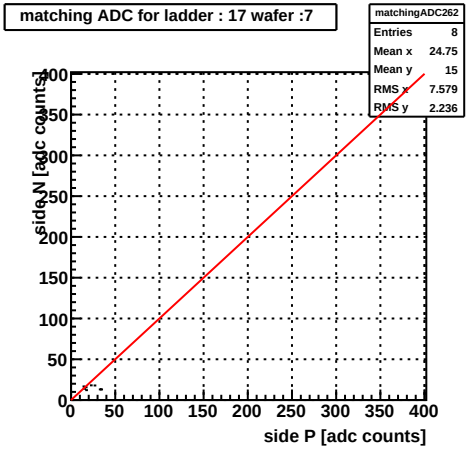

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 184
Mean x 19.39
Mean y 17.24
RMS x 5.513
RMS y 14.88
side N [adc counts]
side P [adc counts]

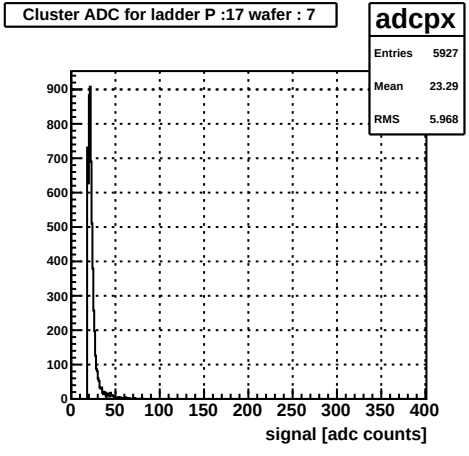

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 40061
Mean 23.12
RMS 6.754
signal [adc counts]

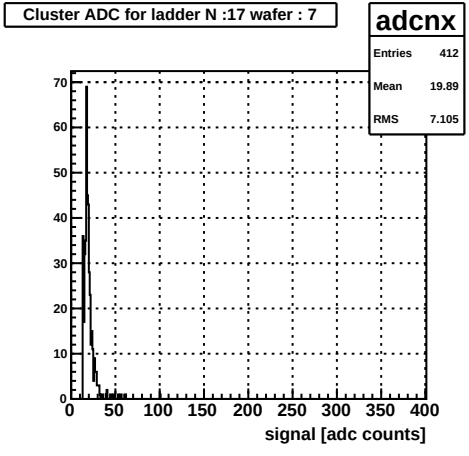

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1589
Mean 25.21
RMS 23.83
signal [adc counts]

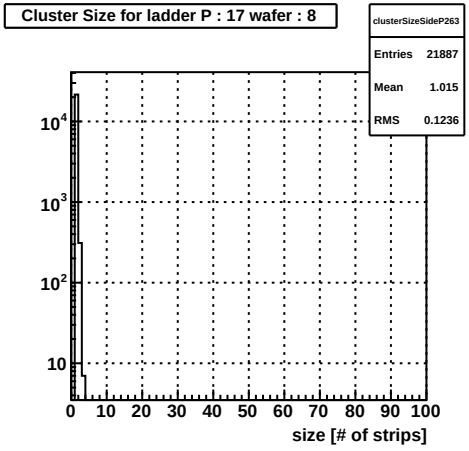

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 5927
Mean 1.019
RMS 0.1422
size [# of strips]

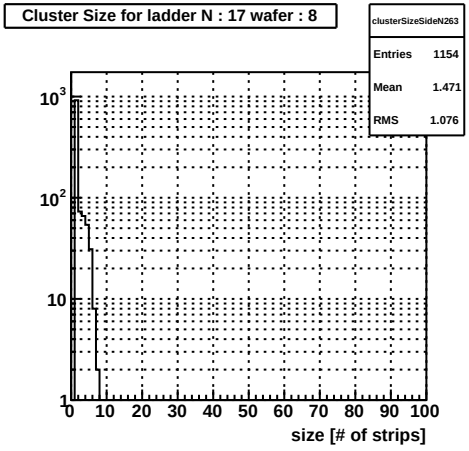

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 412
Mean 1.068
RMS 0.3417
size [# of strips]

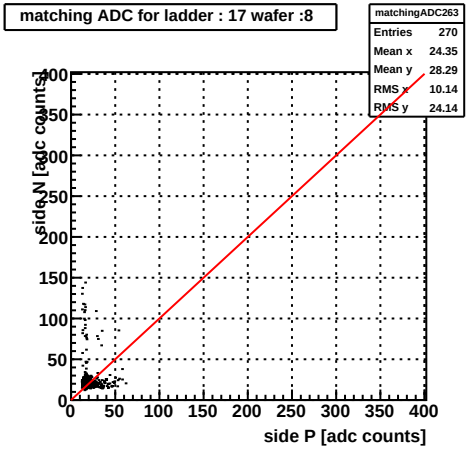

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 8
Mean x 24.75
Mean y 15
RMS x 7.579
RMS y 2.236
side N [adc counts]
side P [adc counts]

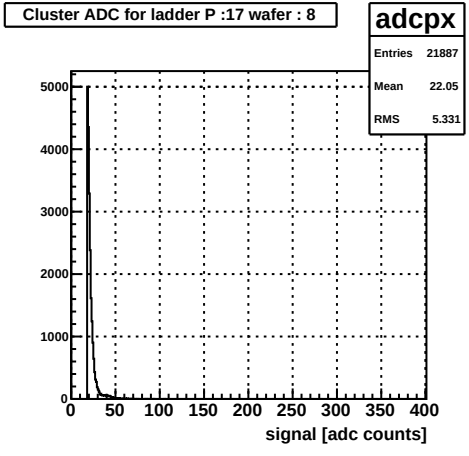

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 5927
Mean 23.29
RMS 5.968
signal [adc counts]

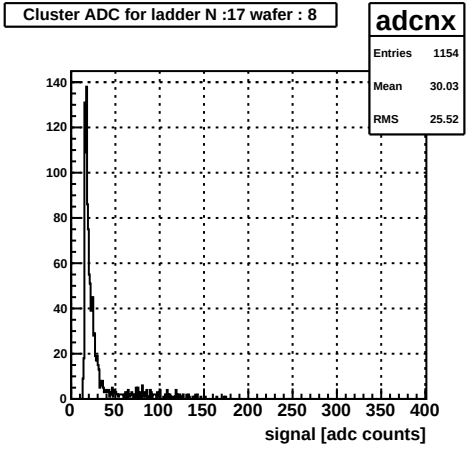

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 412
Mean 19.89
RMS 7.105
signal [adc counts]

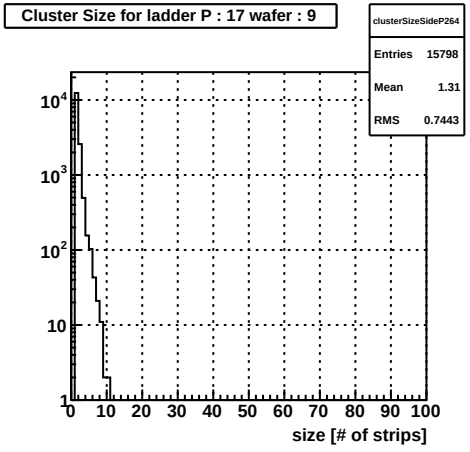

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 21887
Mean 1.015
RMS 0.1236
size [# of strips]

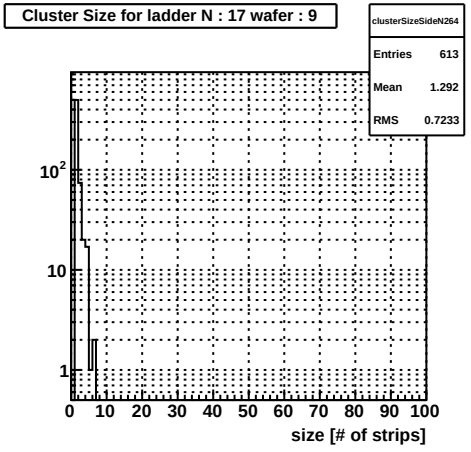

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1154
Mean 1.471
RMS 1.076
size [# of strips]

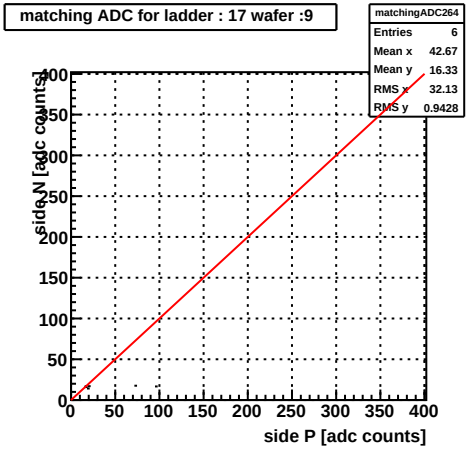

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 270
Mean x 24.35
Mean y 28.29
RMS x 10.14
RMS y 24.14
side N [adc counts]
side P [adc counts]

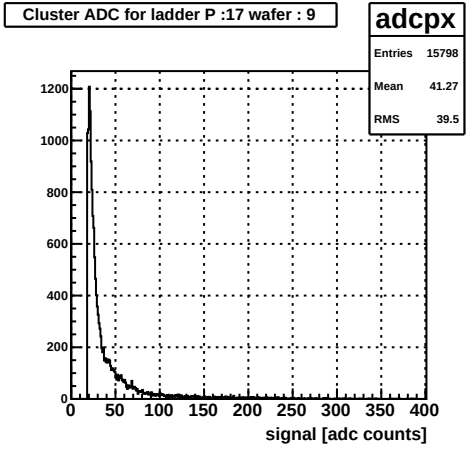

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 21887
Mean 22.05
RMS 5.331
signal [adc counts]

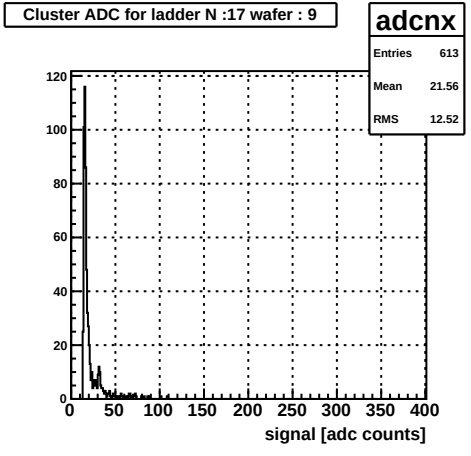

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1154
Mean 30.03
RMS 25.52
signal [adc counts]

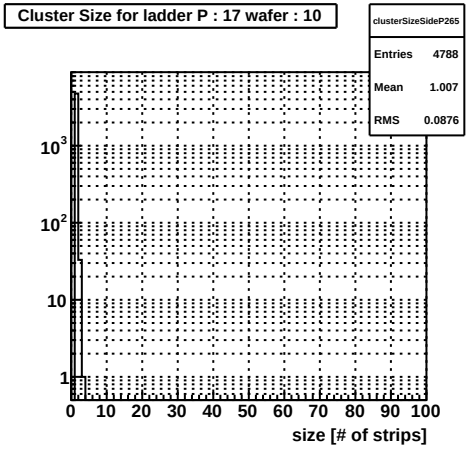

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 15798
Mean 1.31
RMS 0.7443
size [# of strips]

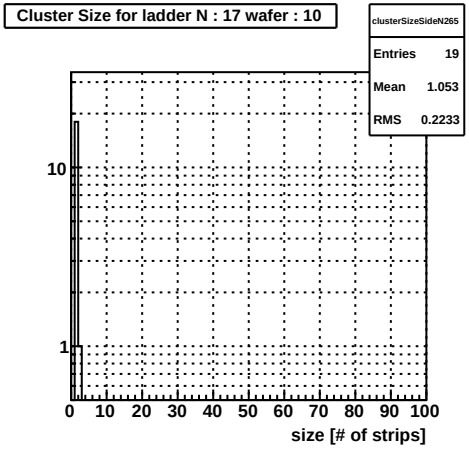

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 613
Mean 1.292
RMS 0.7233
size [# of strips]

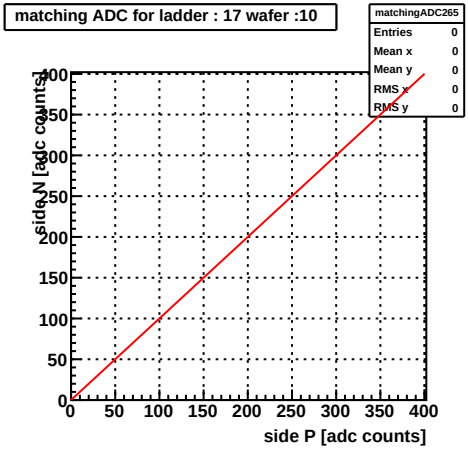

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 6
Mean x 42.67
Mean y 16.33
RMS x 32.13
RMS y 0.9428
side N [adc counts]
side P [adc counts]

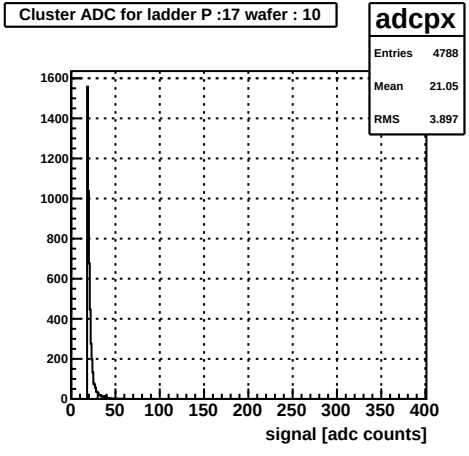

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 15798
Mean 41.27
RMS 39.5
signal [adc counts]

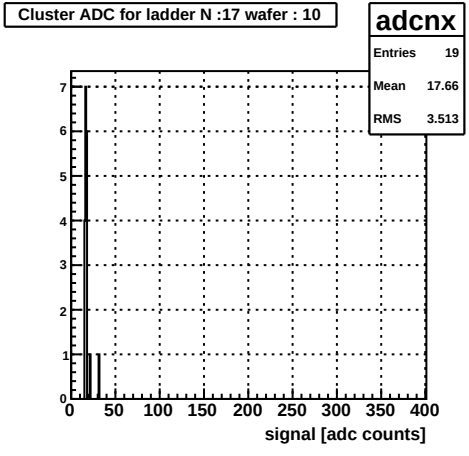

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 613
Mean 21.56
RMS 12.52
signal [adc counts]

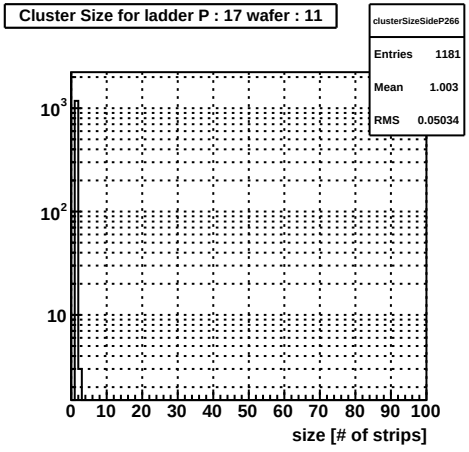

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4788
Mean 1.007
RMS 0.0876
size [# of strips]

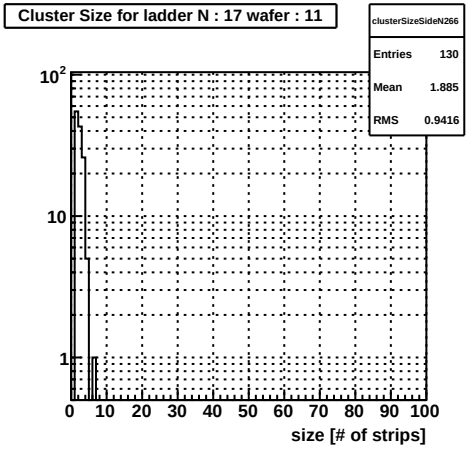

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 19
Mean 1.053
RMS 0.2233
size [# of strips]

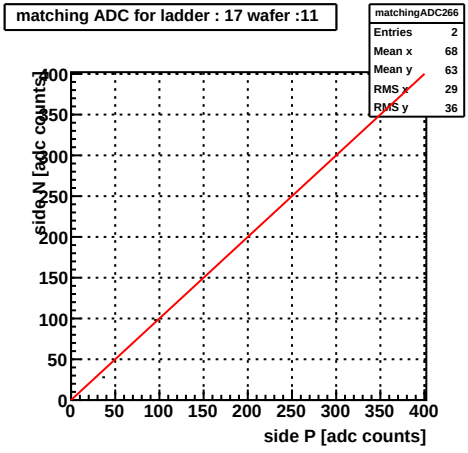

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

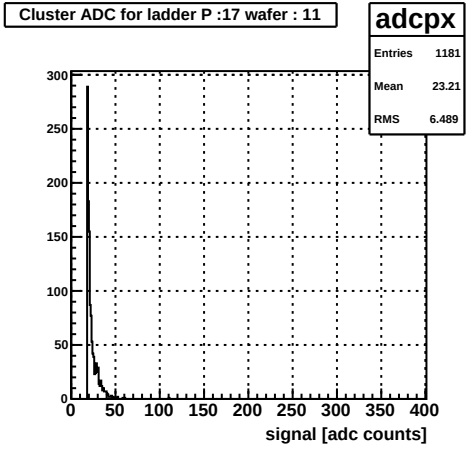

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4788
Mean 21.05
RMS 3.897
signal [adc counts]

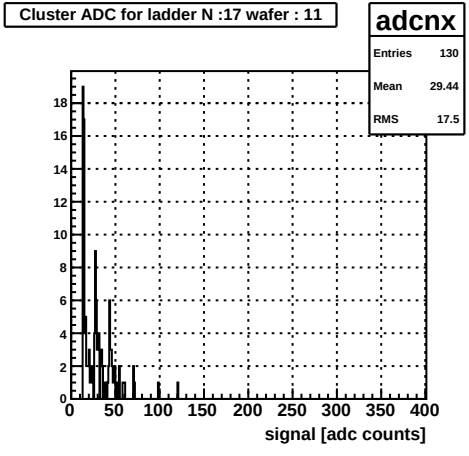

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 19
Mean 17.66
RMS 3.513
signal [adc counts]

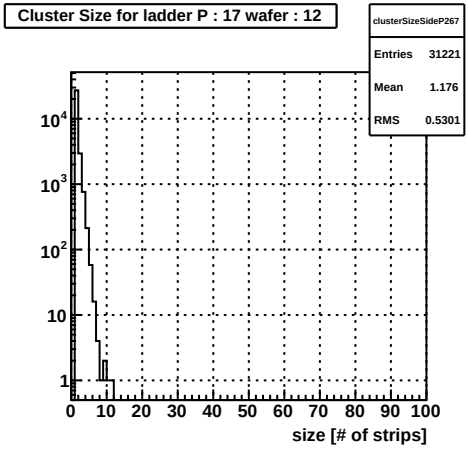

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1181
Mean 1.003
RMS 0.05034
size [# of strips]

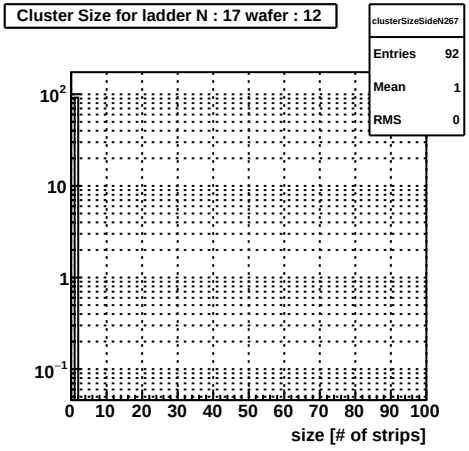

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 130
Mean 1.885
RMS 0.9416
size [# of strips]

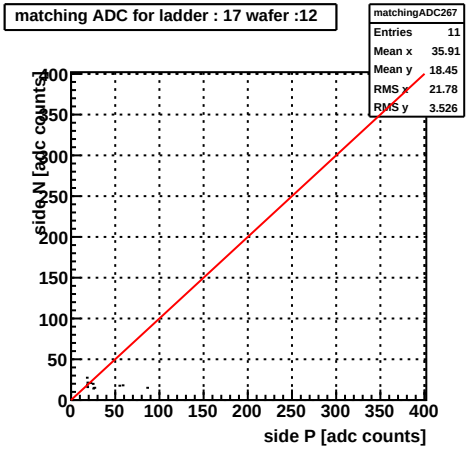

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 2
Mean x 68
Mean y 63
RMS x 29
RMS y 36
side N [adc counts]
side P [adc counts]

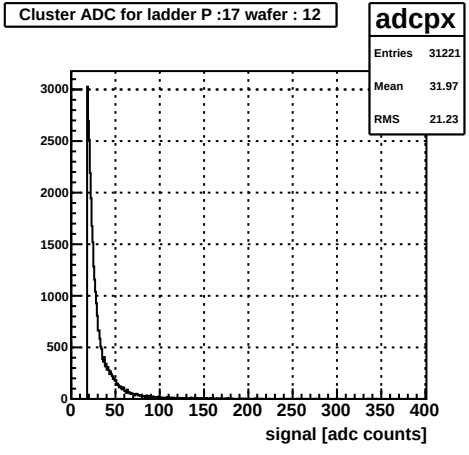

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1181
Mean 23.21
RMS 6.489
signal [adc counts]

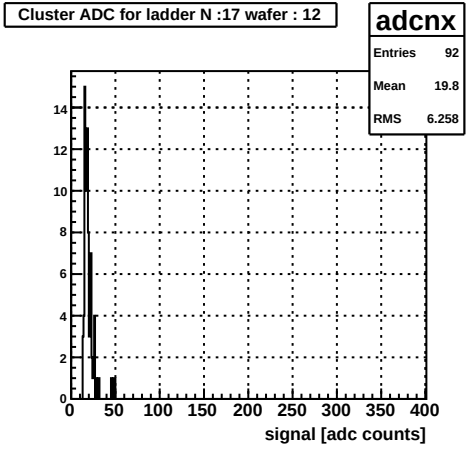

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 130
Mean 29.44
RMS 17.5
signal [adc counts]

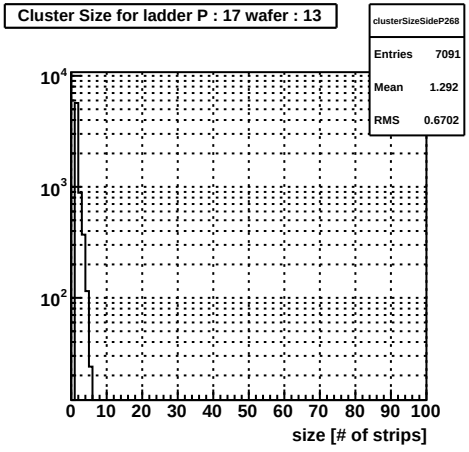

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 31221
Mean 1.176
RMS 0.5301
size [# of strips]

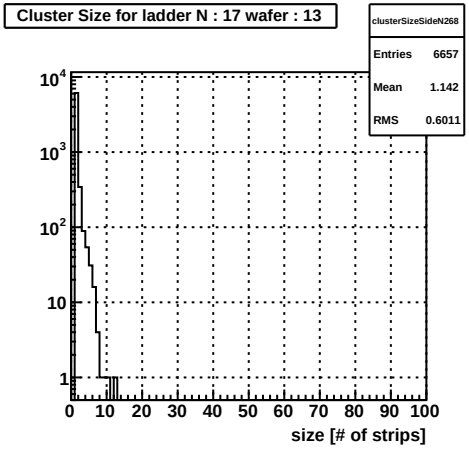

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 92
Mean 1
RMS 0
size [# of strips]

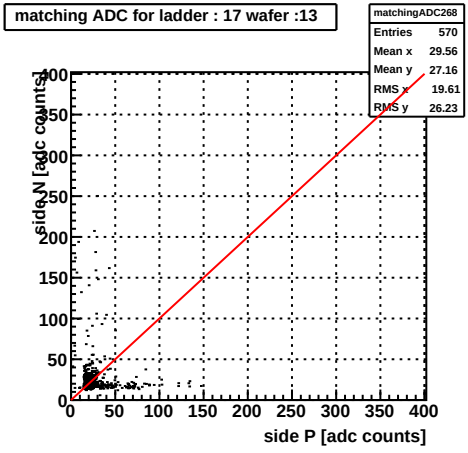

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11
Mean x 35.91
Mean y 18.45
RMS x 21.78
RMS y 3.526
side N [adc counts]
side P [adc counts]

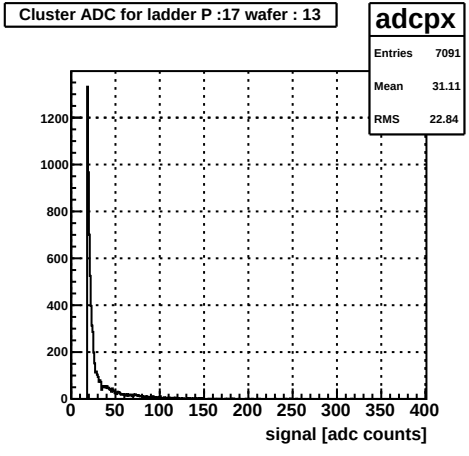

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 31221
Mean 31.97
RMS 21.23
signal [adc counts]

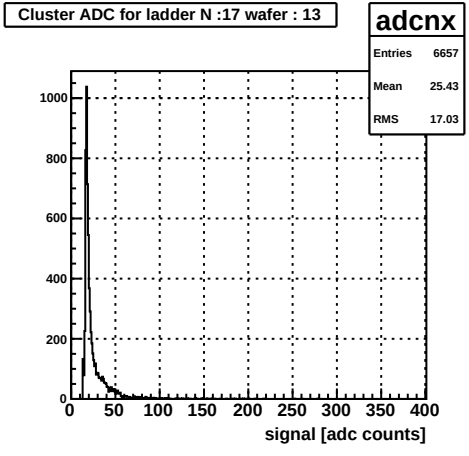

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 92
Mean 19.8
RMS 6.258
signal [adc counts]

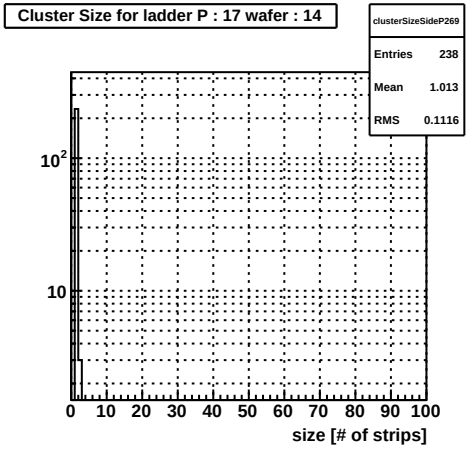

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7091
Mean 1.292
RMS 0.6702
size [# of strips]

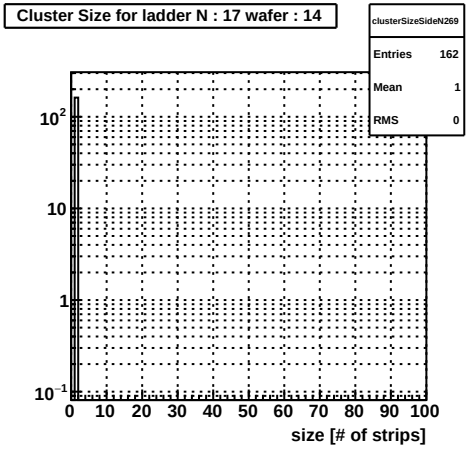

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6657
Mean 1.142
RMS 0.6011
size [# of strips]

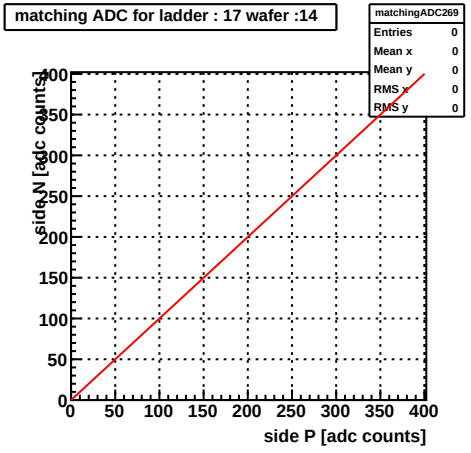

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 570
Mean x 29.56
Mean y 27.16
RMS x 19.61
RMS y 26.23
side N [adc counts]
side P [adc counts]

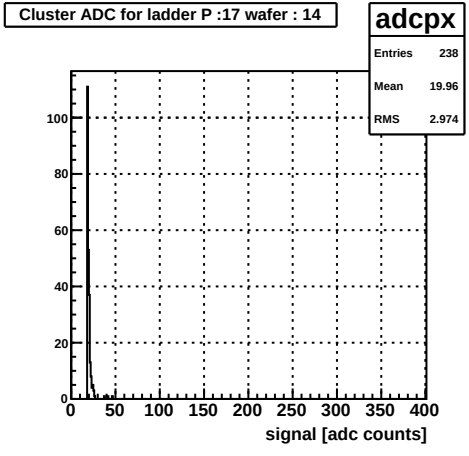

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7091
Mean 31.11
RMS 22.84
signal [adc counts]

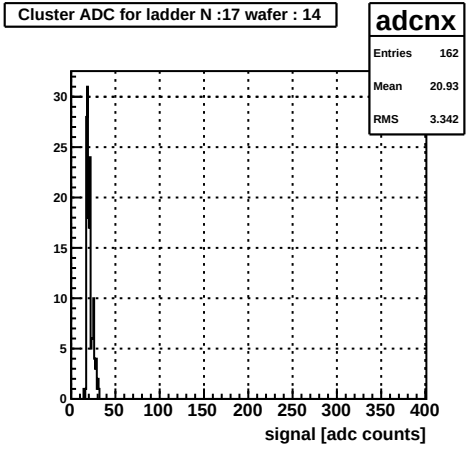

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6657
Mean 25.43
RMS 17.03
signal [adc counts]

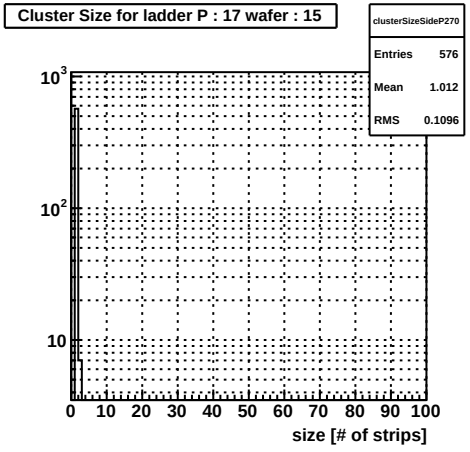

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 238
Mean 1.013
RMS 0.1116
size [# of strips]

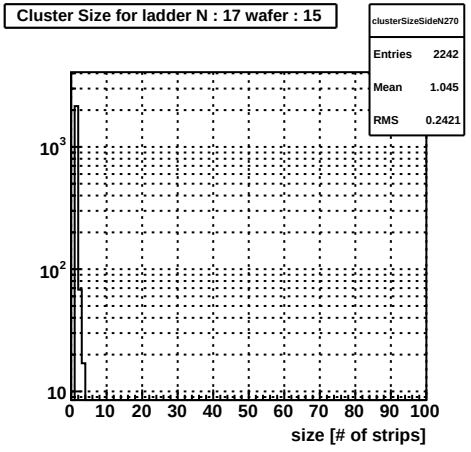

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 162
Mean 1
RMS 0
size [# of strips]

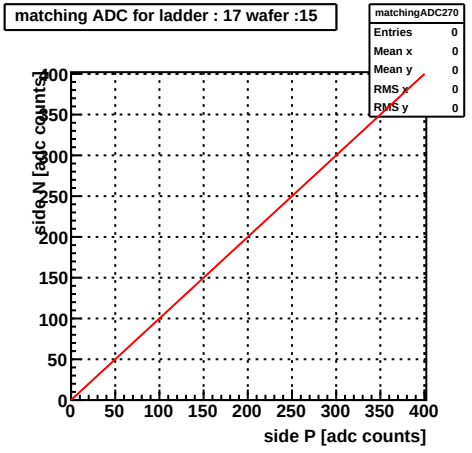

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

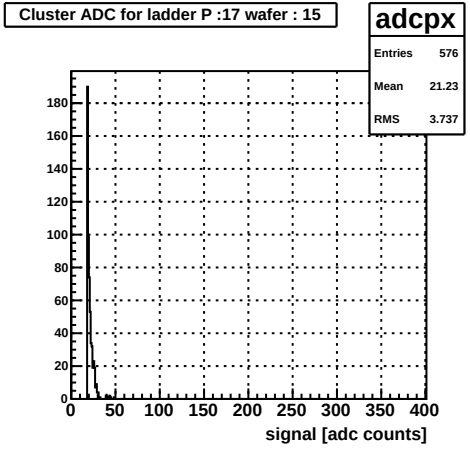

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 238
Mean 19.96
RMS 2.974
signal [adc counts]

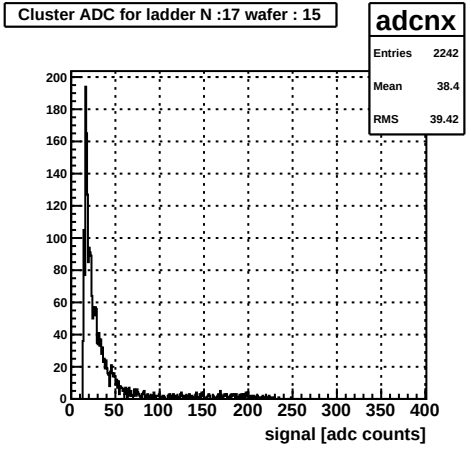

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 162
Mean 20.93
RMS 3.342
signal [adc counts]

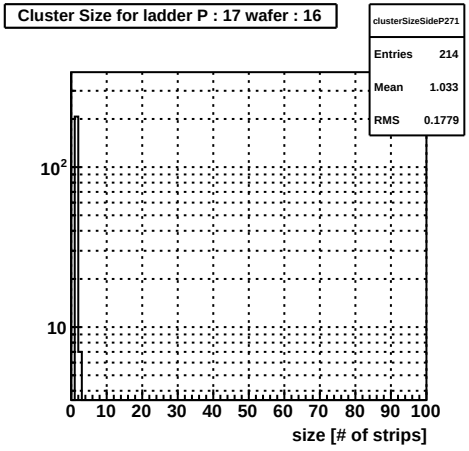

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 576
Mean 1.012
RMS 0.1096
size [# of strips]

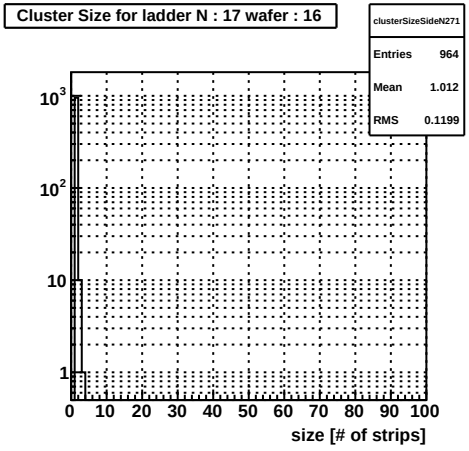

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2242
Mean 1.045
RMS 0.2421
size [# of strips]

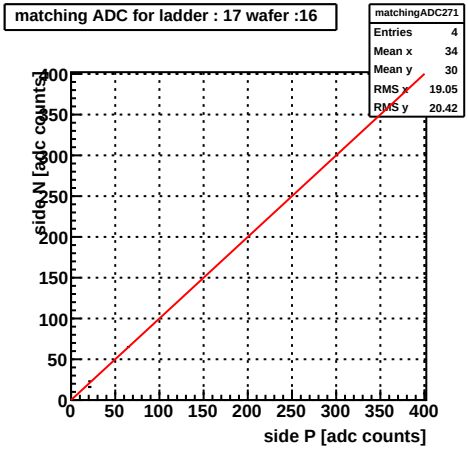

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

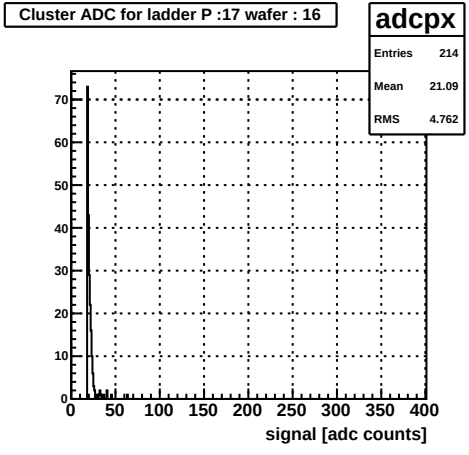

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 576
Mean 21.23
RMS 3.737
signal [adc counts]

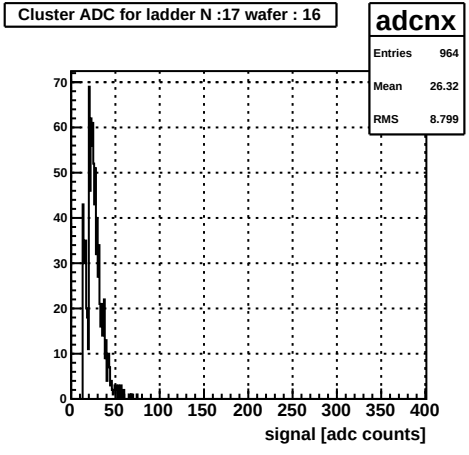

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2242
Mean 38.4
RMS 39.42
signal [adc counts]

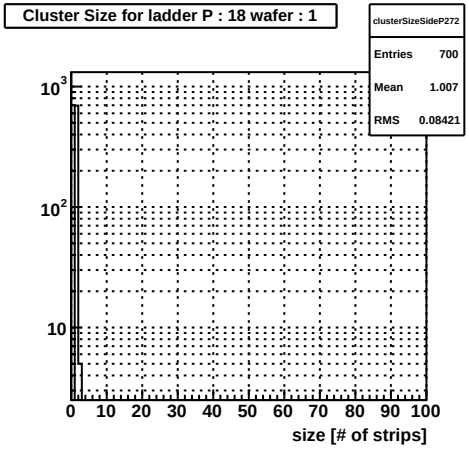

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 214
Mean 1.033
RMS 0.1779
size [# of strips]

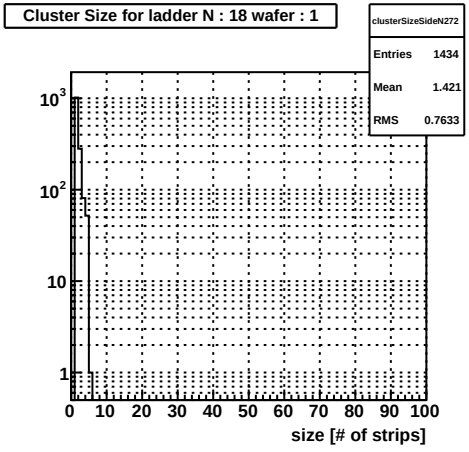

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 964
Mean 1.012
RMS 0.1199
size [# of strips]

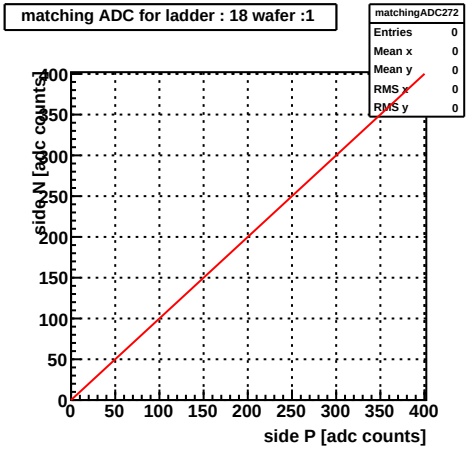

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 4
Mean x 34
Mean y 30
RMS x 19.05
RMS y 20.42
side N [adc counts]
side P [adc counts]

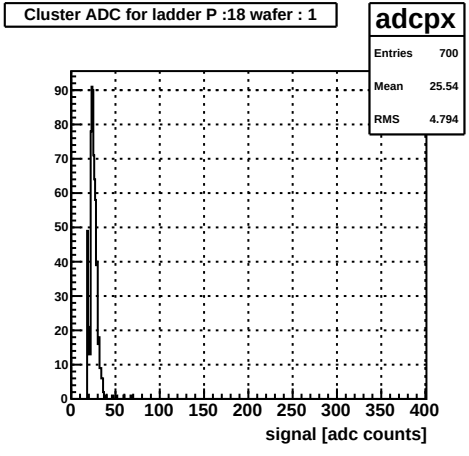

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 214
Mean 21.09
RMS 4.762
signal [adc counts]

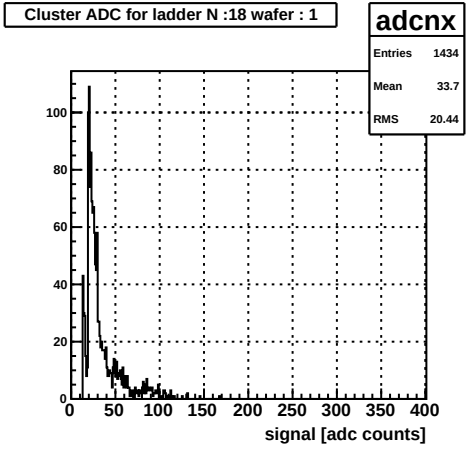

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 964
Mean 26.32
RMS 8.799
signal [adc counts]

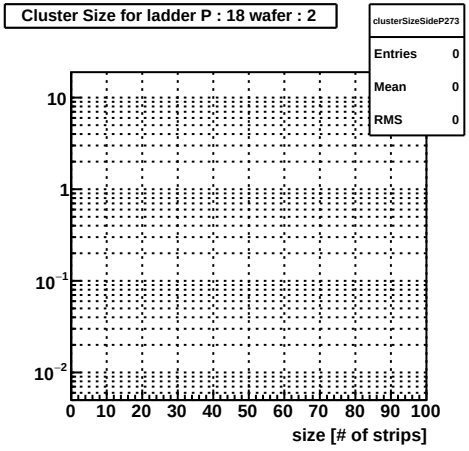

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 700
Mean 1.007
RMS 0.08421
size [# of strips]

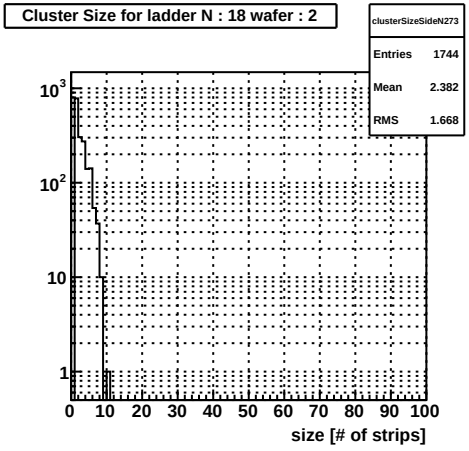

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1434
Mean 1.421
RMS 0.7633
size [# of strips]

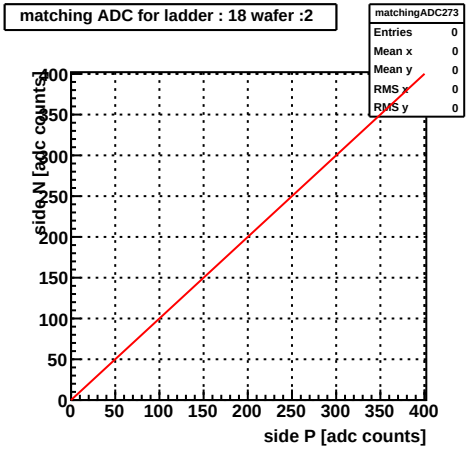

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

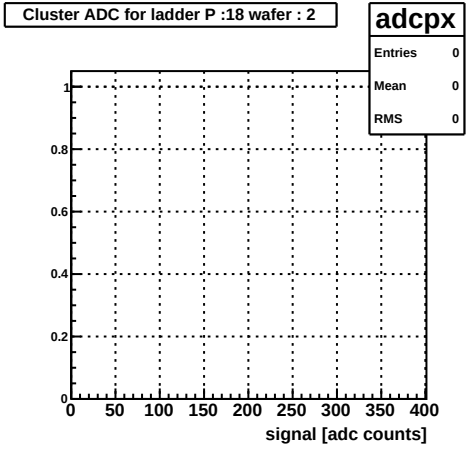

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 700
Mean 25.54
RMS 4.794
signal [adc counts]

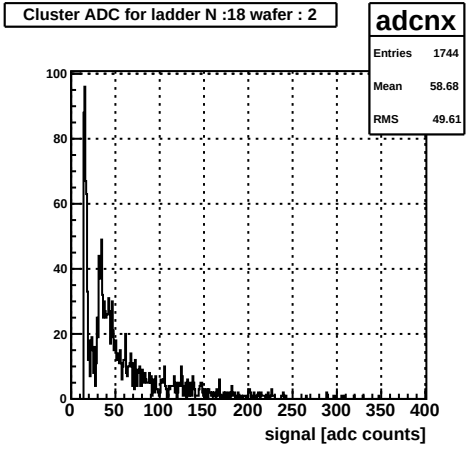

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1434
Mean 33.7
RMS 20.44
signal [adc counts]

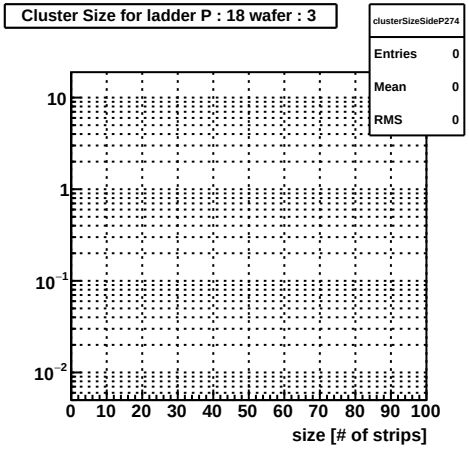

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

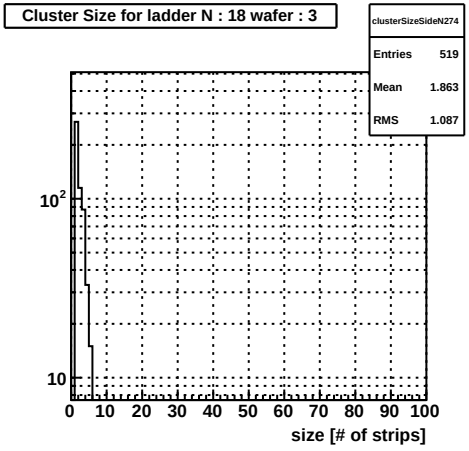

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1744
Mean 2.382
RMS 1.668
size [# of strips]

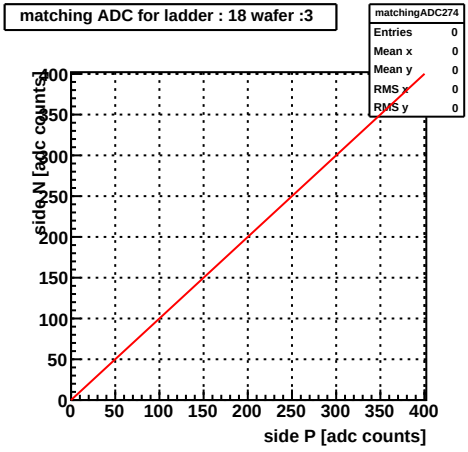

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

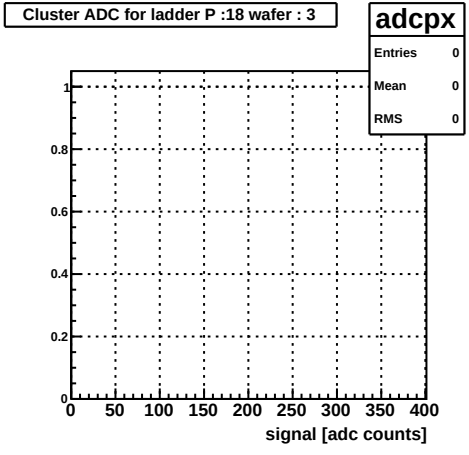

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

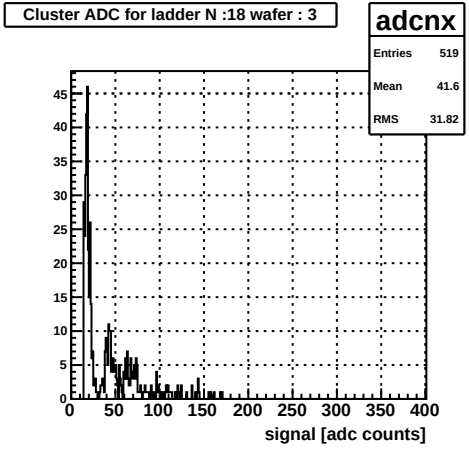

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1744
Mean 58.68
RMS 49.61
signal [adc counts]

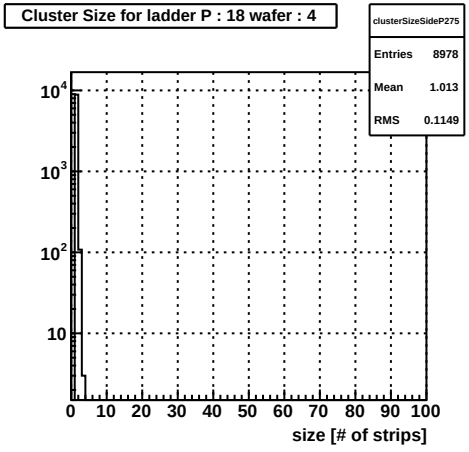

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

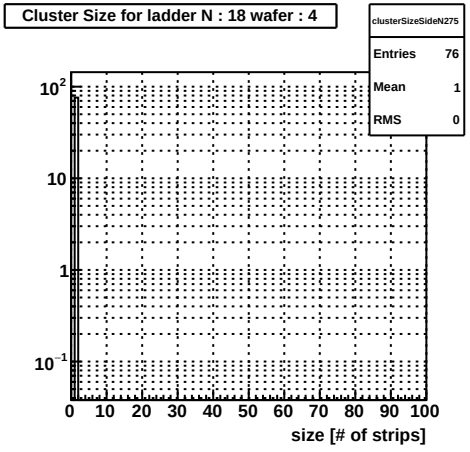

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 519
Mean 1.863
RMS 1.087
size [# of strips]

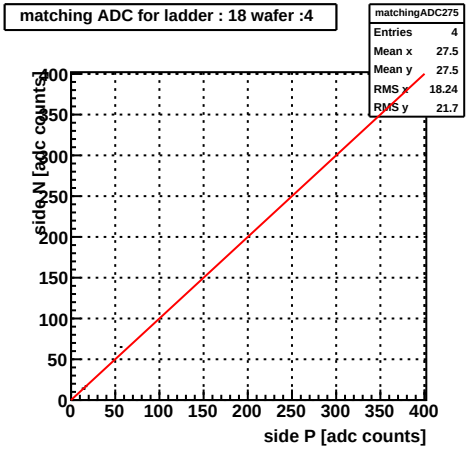

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

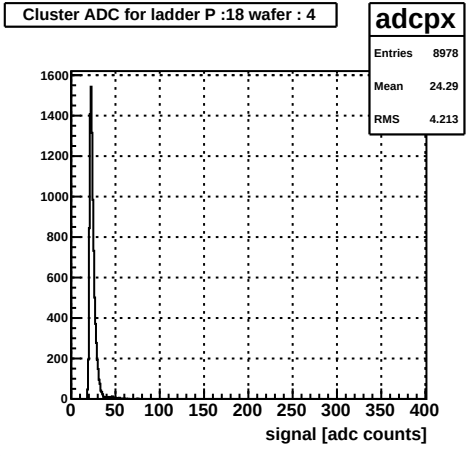

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

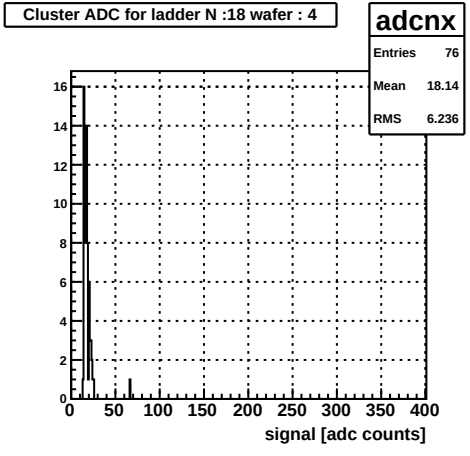

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 519
Mean 41.6
RMS 31.82
signal [adc counts]

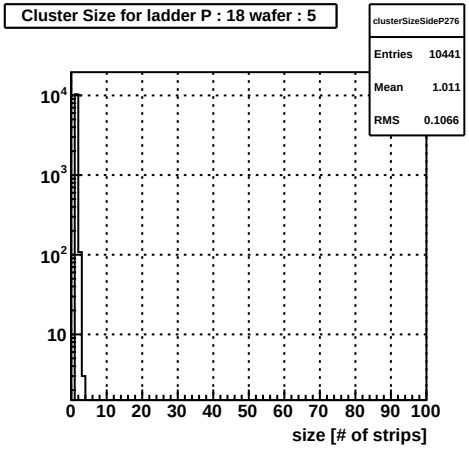

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 8978
Mean 1.013
RMS 0.1149
size [# of strips]

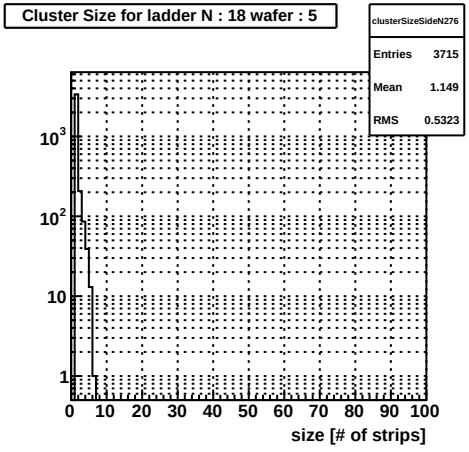

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 76
Mean 1
RMS 0
size [# of strips]

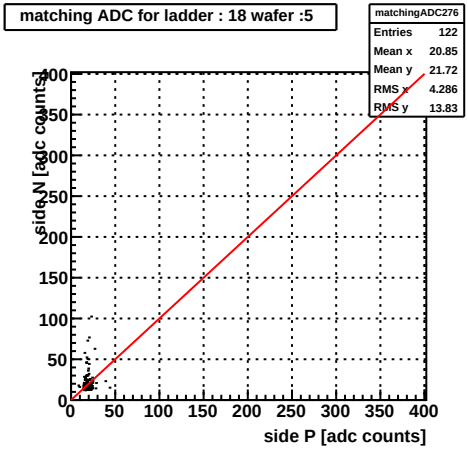

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4
Mean x 27.5
Mean y 27.5
RMS x 18.24
RMS y 21.7
side N [adc counts]
side P [adc counts]

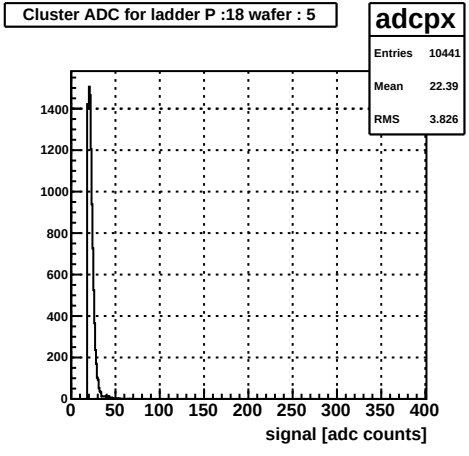

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 8978
Mean 24.29
RMS 4.213
signal [adc counts]

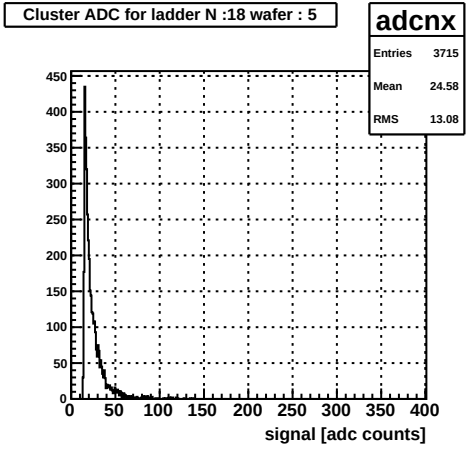

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 76
Mean 18.14
RMS 6.236
signal [adc counts]

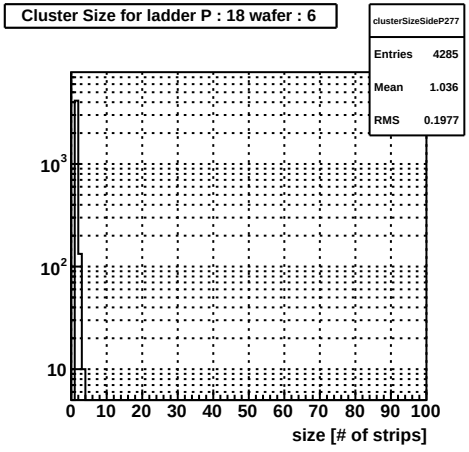

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10441
Mean 1.011
RMS 0.1066
size [# of strips]

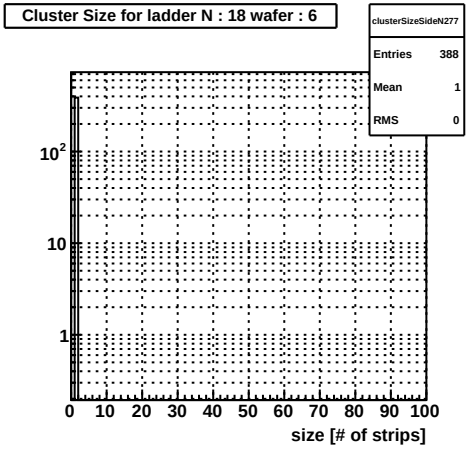

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3715
Mean 1.149
RMS 0.5323
size [# of strips]

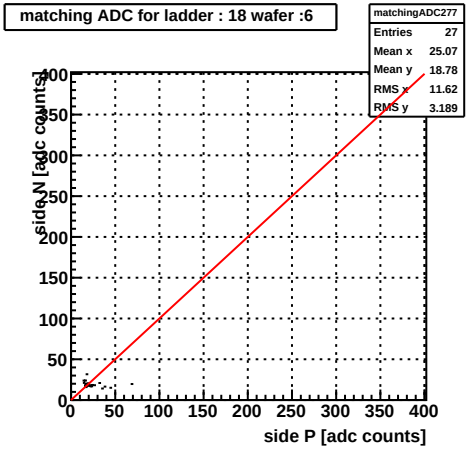

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 122
Mean x 20.85
Mean y 21.72
RMS x 4.286
RMS y 13.83
side N [adc counts]
side P [adc counts]

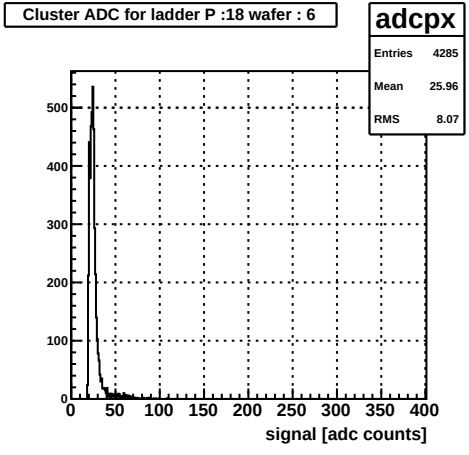

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10441
Mean 22.39
RMS 3.826
signal [adc counts]

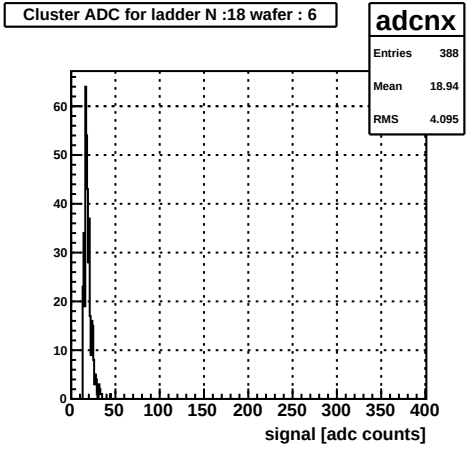

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3715
Mean 24.58
RMS 13.08
signal [adc counts]

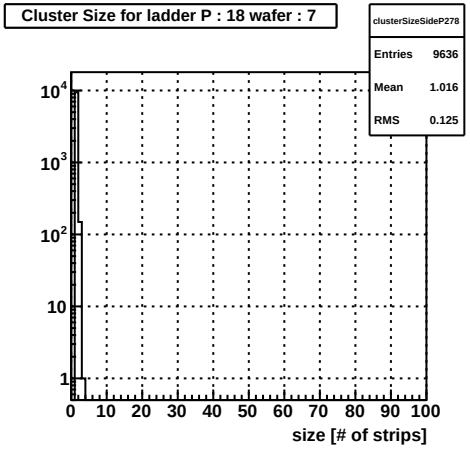

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4285
Mean 1.036
RMS 0.1977
size [# of strips]

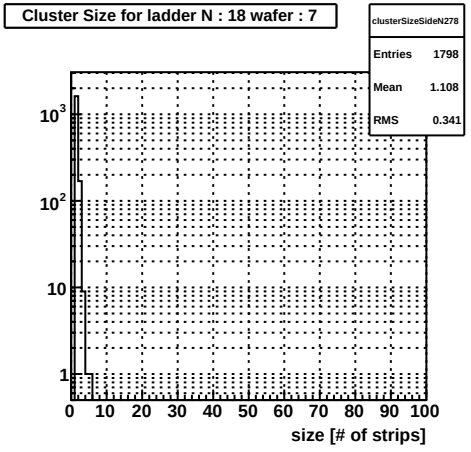

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 388
Mean 1
RMS 0
size [# of strips]

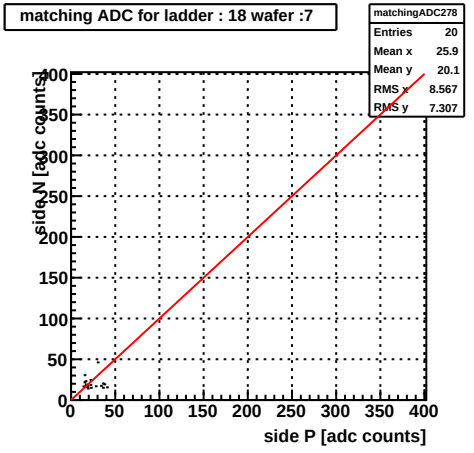

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 27
Mean x 25.07
Mean y 18.78
RMS x 11.62
RMS y 3.189
side N [adc counts]
side P [adc counts]

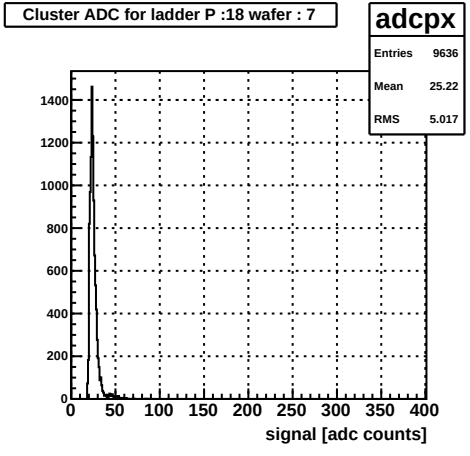

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4285
Mean 25.96
RMS 8.07
signal [adc counts]

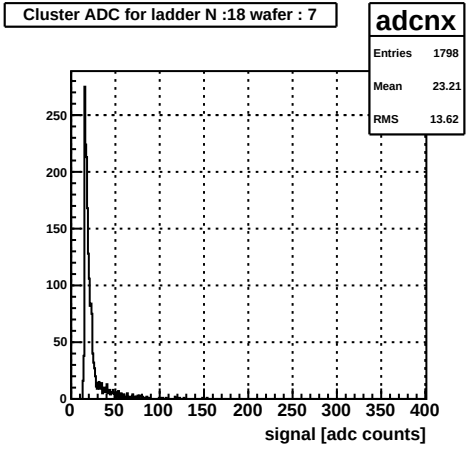

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 388
Mean 18.94
RMS 4.095
signal [adc counts]

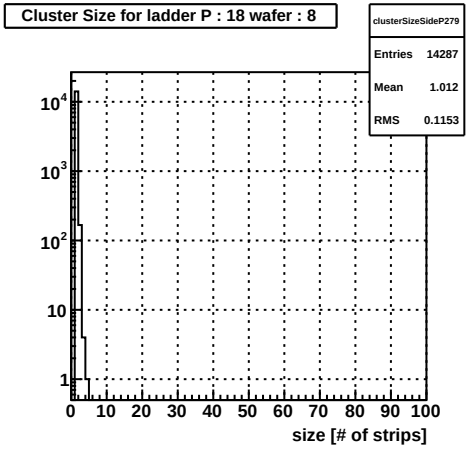

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9636
Mean 1.016
RMS 0.125
size [# of strips]

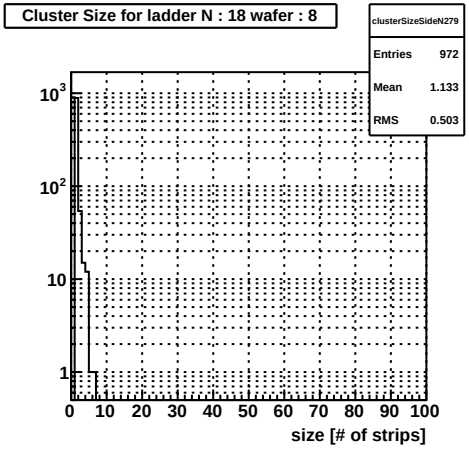

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1798
Mean 1.108
RMS 0.341
size [# of strips]

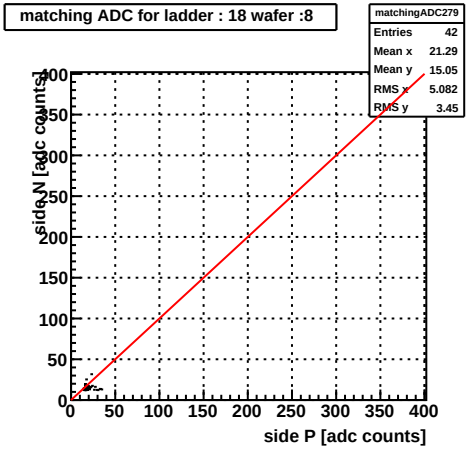

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 20
Mean x 25.9
Mean y 20.1
RMS x 8.567
RMS y 7.307
side N [adc counts]
side P [adc counts]

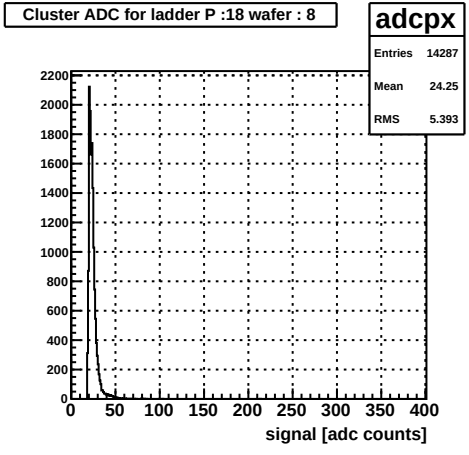

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9636
Mean 25.22
RMS 5.017
signal [adc counts]

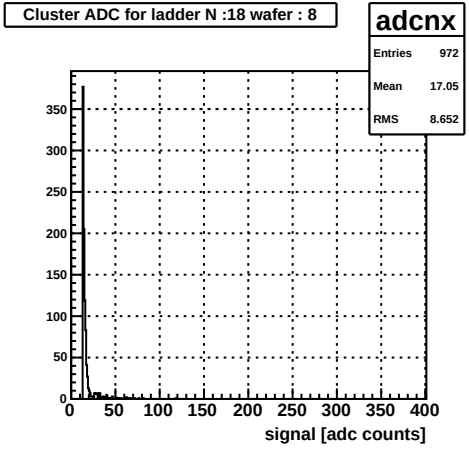

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1798
Mean 23.21
RMS 13.62
signal [adc counts]

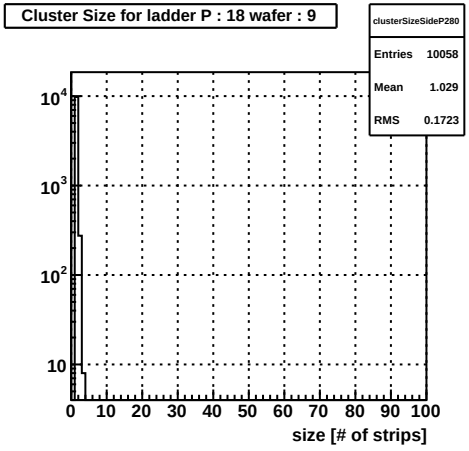

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 14287
Mean 1.012
RMS 0.1153
size [# of strips]

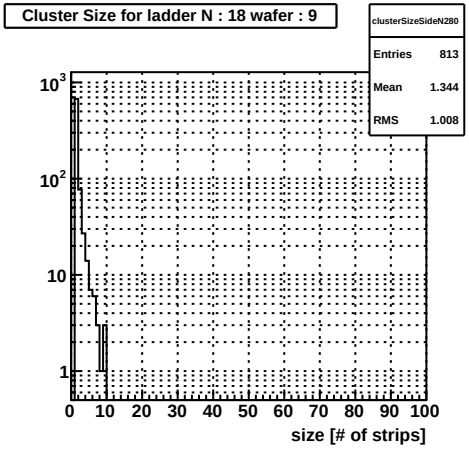

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 972
Mean 1.133
RMS 0.503
size [# of strips]

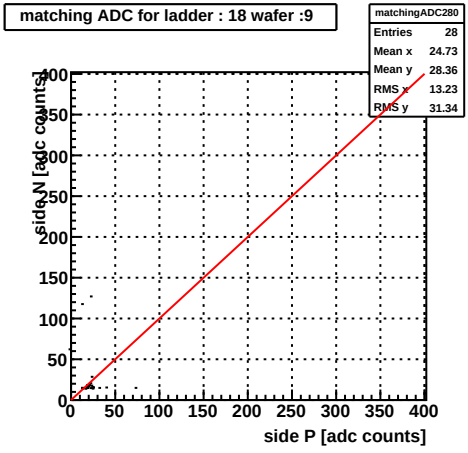

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 42
Mean x 21.29
Mean y 15.05
RMS x 5.082
RMS y 3.45
side N [adc counts]
side P [adc counts]

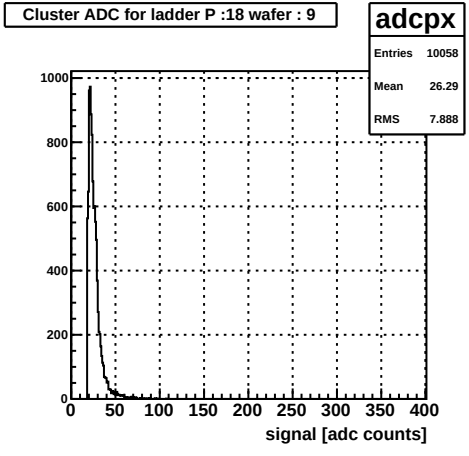

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 14287
Mean 24.25
RMS 5.393
signal [adc counts]

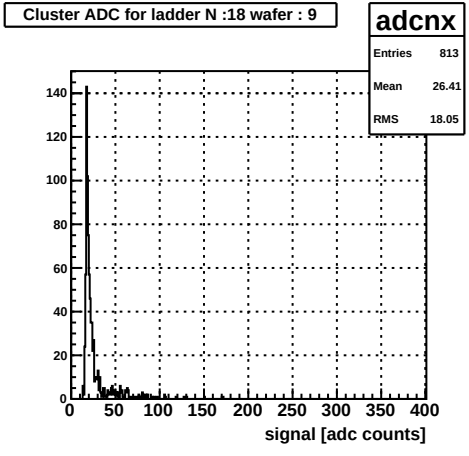

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 972
Mean 17.05
RMS 8.652
signal [adc counts]

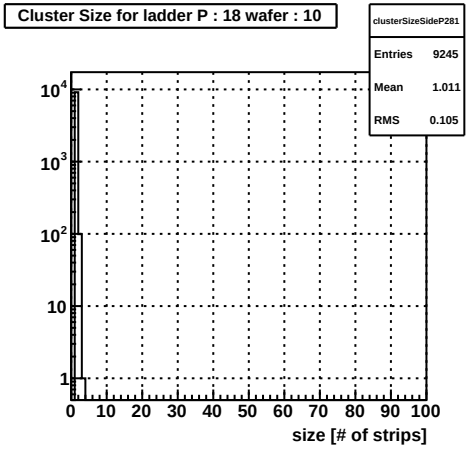

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10058
Mean 1.029
RMS 0.1723
size [# of strips]

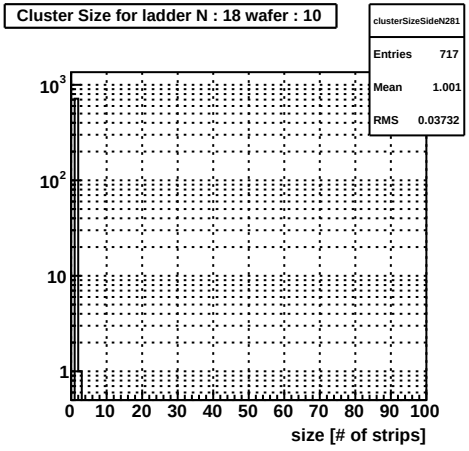

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 813
Mean 1.344
RMS 1.008
size [# of strips]

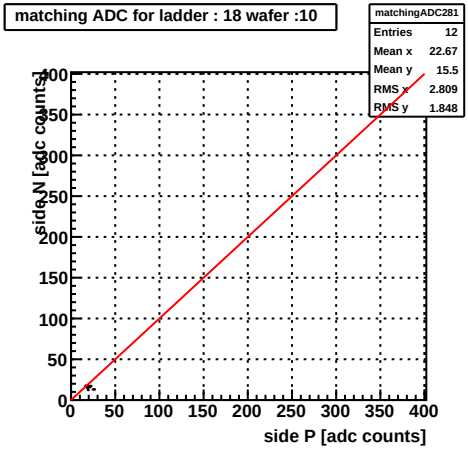

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 28
Mean x 24.73
Mean y 28.36
RMS x 13.23
RMS y 31.34
side N [adc counts]
side P [adc counts]

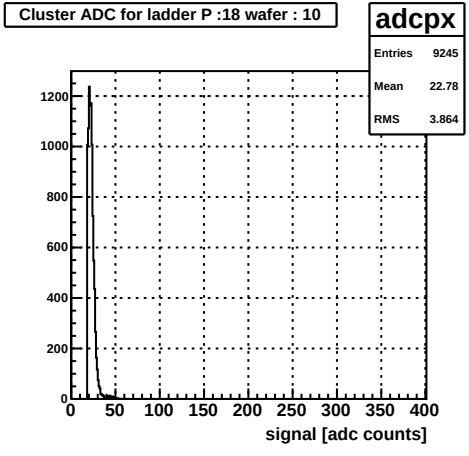

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10058
Mean 26.29
RMS 7.888
signal [adc counts]

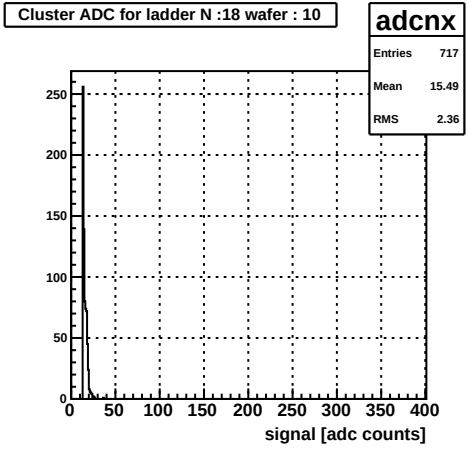

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 813
Mean 26.41
RMS 18.05
signal [adc counts]

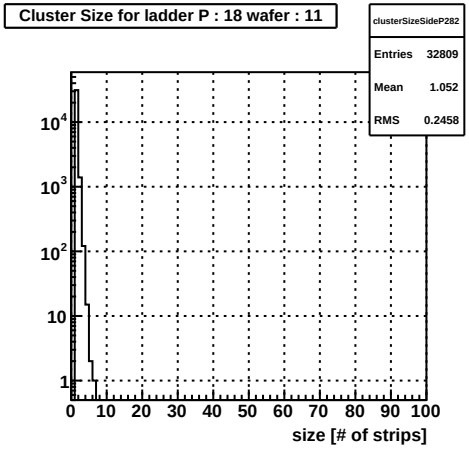

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 9245
Mean 1.011
RMS 0.105
size [# of strips]

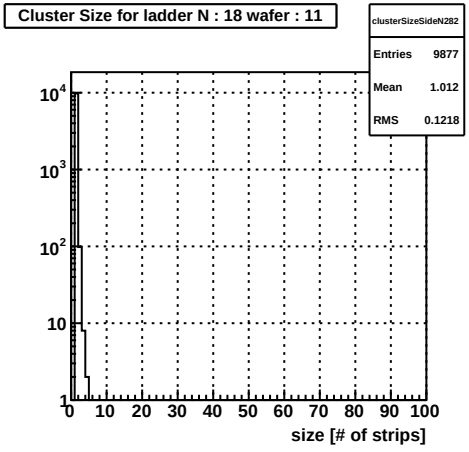

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 717
Mean 1.001
RMS 0.03732
size [# of strips]

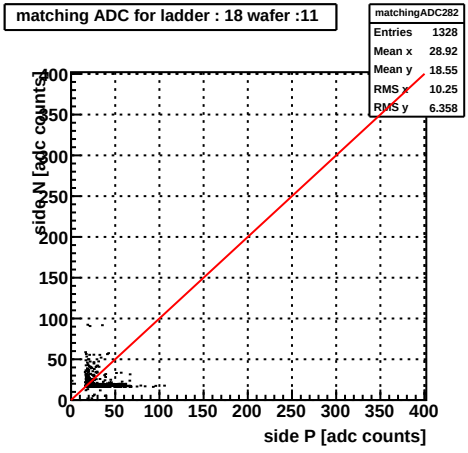

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 12
Mean x 22.67
Mean y 15.5
RMS x 2.809
RMS y 1.848
side N [adc counts]
side P [adc counts]

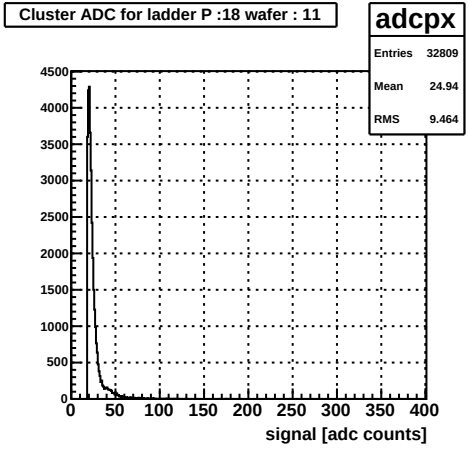

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 9245
Mean 22.78
RMS 3.864
signal [adc counts]

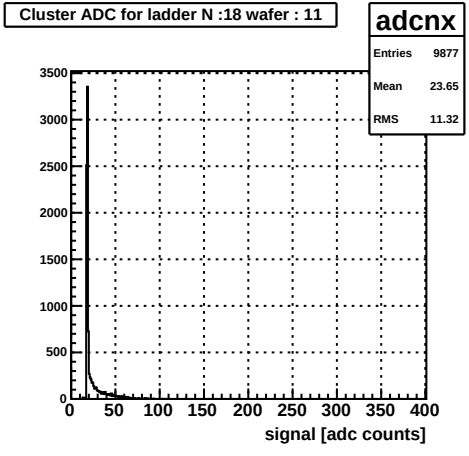

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 717
Mean 15.49
RMS 2.36
signal [adc counts]

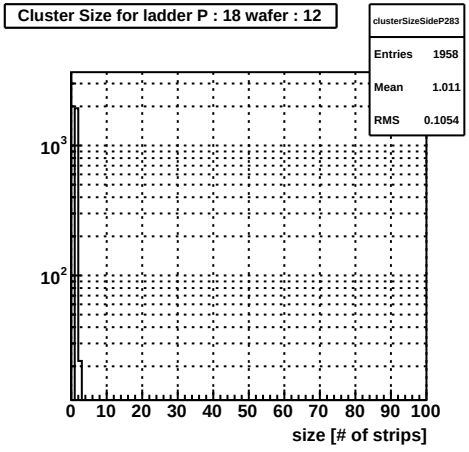

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 32809
Mean 1.052
RMS 0.2458
size [# of strips]

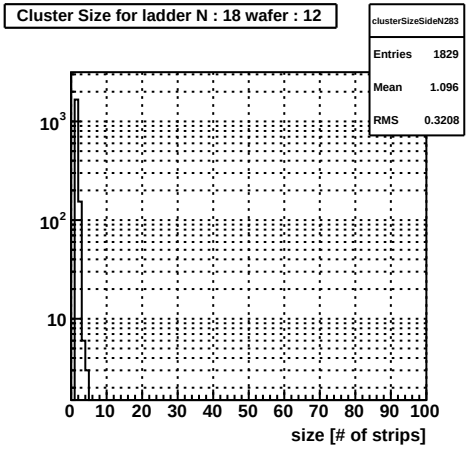

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9877
Mean 1.012
RMS 0.1218
size [# of strips]

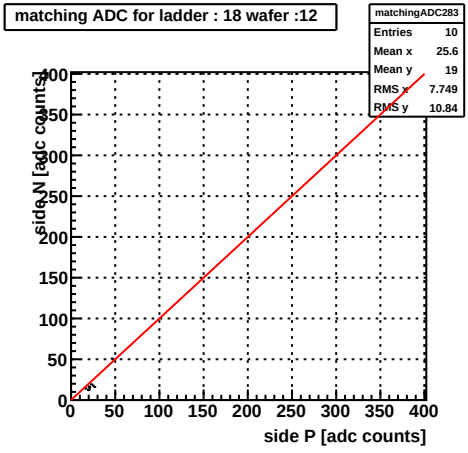

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1328
Mean x 28.92
Mean y 18.55
RMS x 10.25
RMS y 6.358
side N [adc counts]
side P [adc counts]

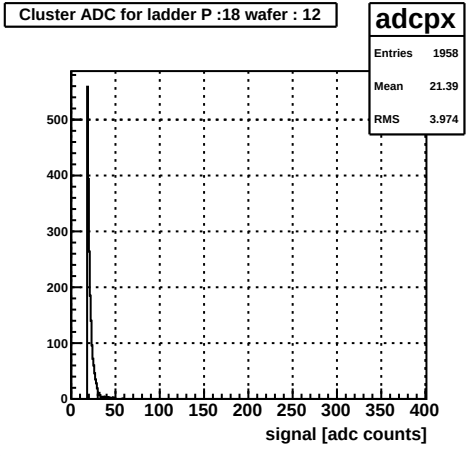

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 32809
Mean 24.94
RMS 9.464
signal [adc counts]

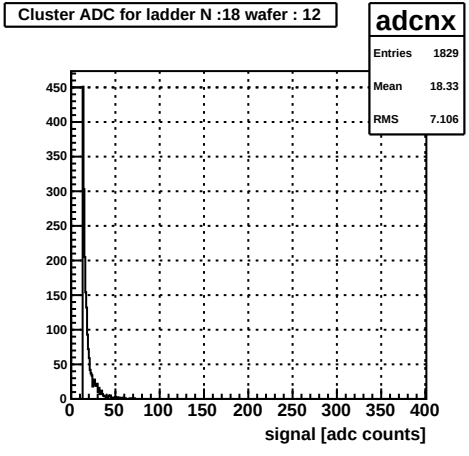

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9877
Mean 23.65
RMS 11.32
signal [adc counts]

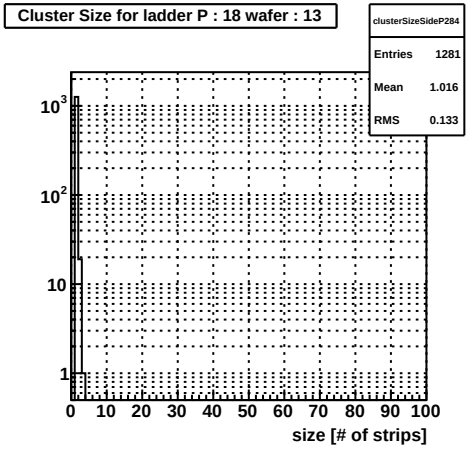

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1958
Mean 1.011
RMS 0.1054
size [# of strips]

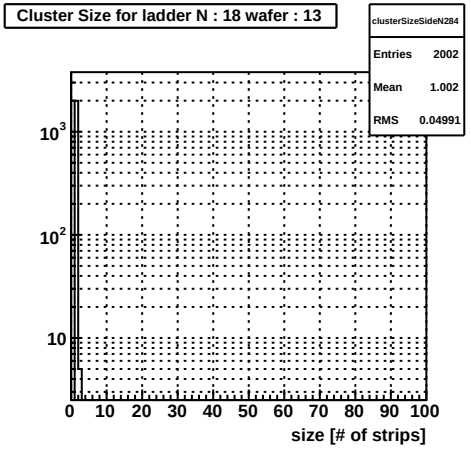

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 1829
Mean 1.096
RMS 0.3208
size [# of strips]

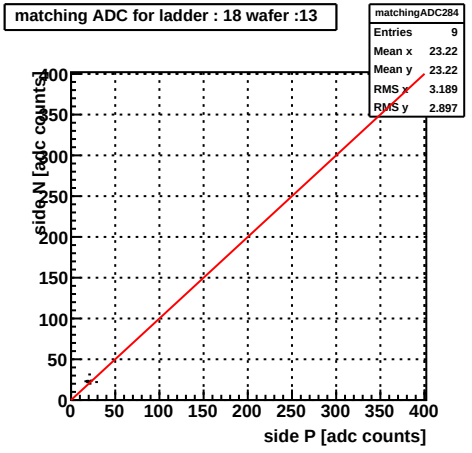

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 10
Mean x 25.6
Mean y 19
RMS x 7.749
RMS y 10.84
side N [adc counts]
side P [adc counts]

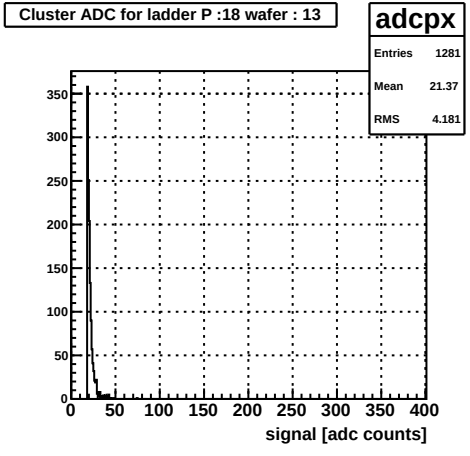

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1958
Mean 21.39
RMS 3.974
signal [adc counts]

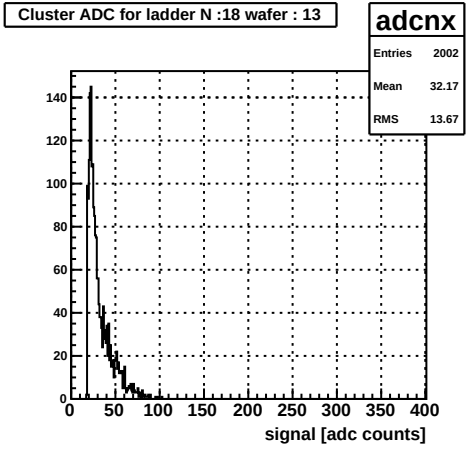

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 1829
Mean 18.33
RMS 7.106
signal [adc counts]

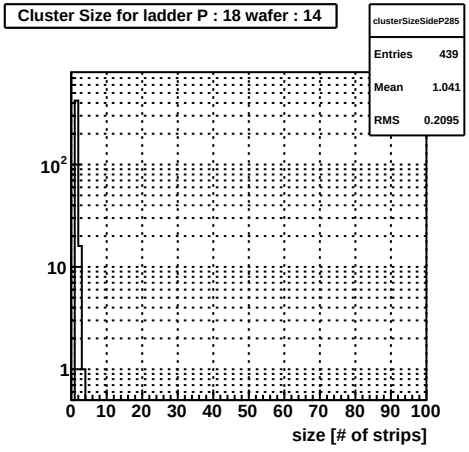

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1281
Mean 1.016
RMS 0.133
size [# of strips]

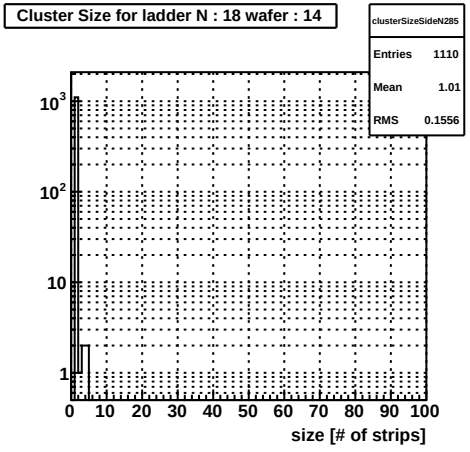

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2002
Mean 1.002
RMS 0.04991
size [# of strips]

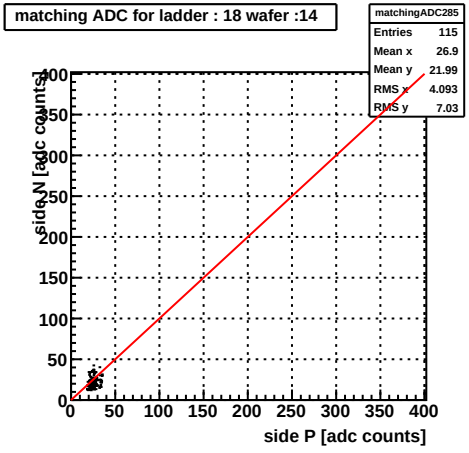

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9
Mean x 23.22
Mean y 23.22
RMS x 3.189
RMS y 2.897
side N [adc counts]
side P [adc counts]

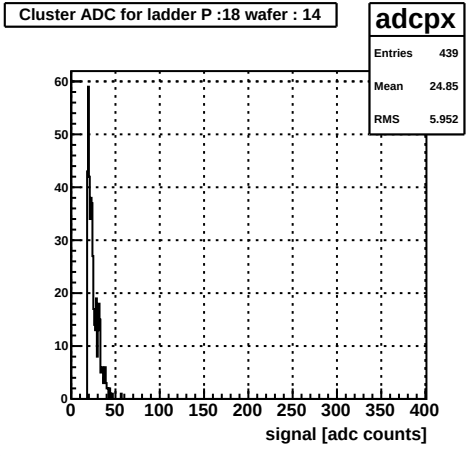

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1281
Mean 21.37
RMS 4.181
signal [adc counts]

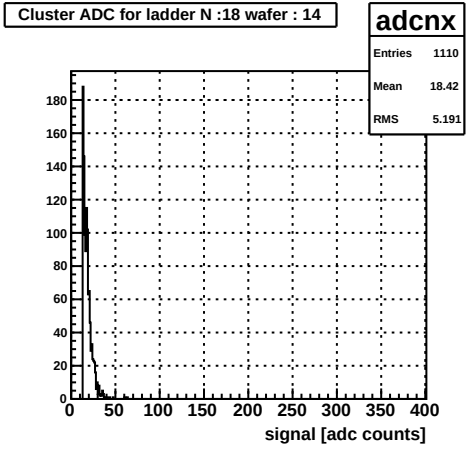

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2002
Mean 32.17
RMS 13.67
signal [adc counts]

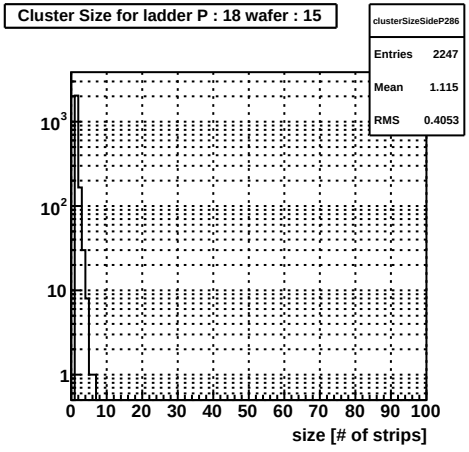

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 439
Mean 1.041
RMS 0.2095
size [# of strips]

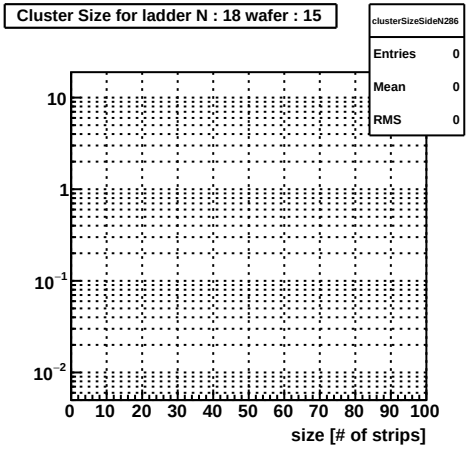

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1110
Mean 1.01
RMS 0.1556
size [# of strips]

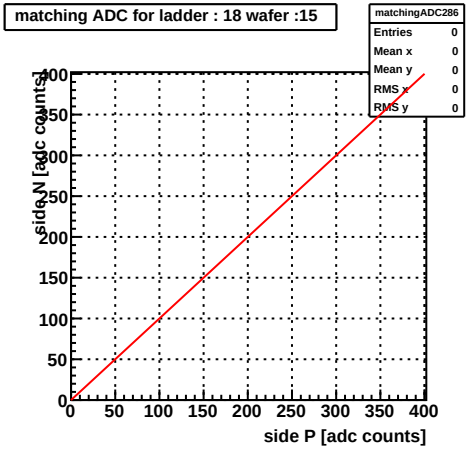

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 115
Mean x 26.9
Mean y 21.99
RMS x 4.093
RMS y 7.03
side N [adc counts]
side P [adc counts]

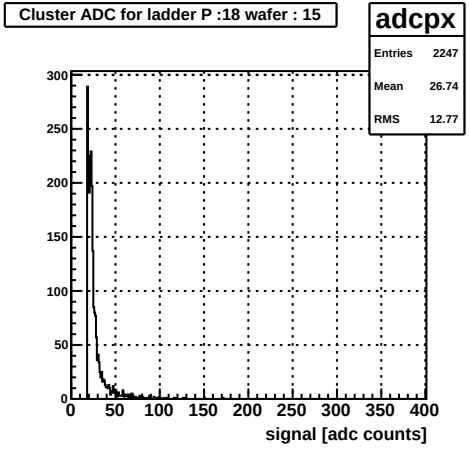

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 439
Mean 24.85
RMS 5.952
signal [adc counts]

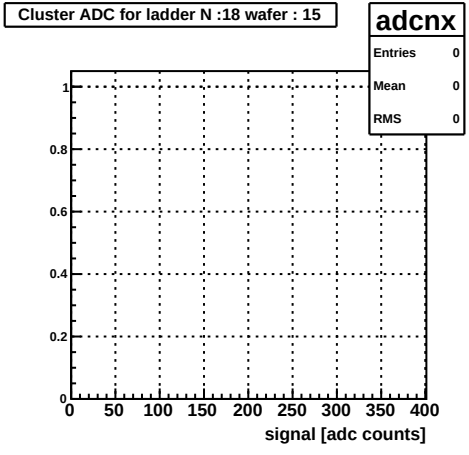

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1110
Mean 18.42
RMS 5.191
signal [adc counts]

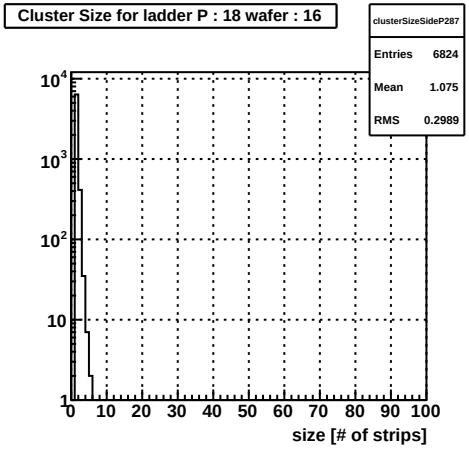

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 2247
Mean 1.115
RMS 0.4053
size [# of strips]

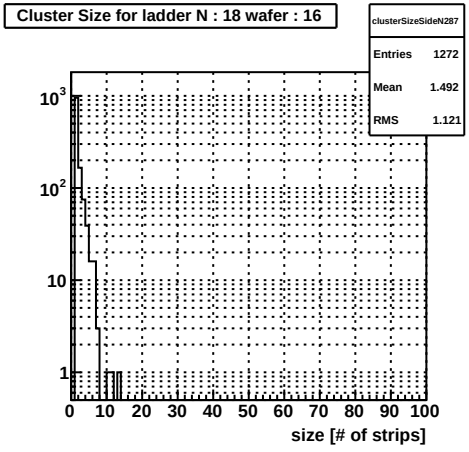

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 0
Mean 0
RMS 0
size [# of strips]

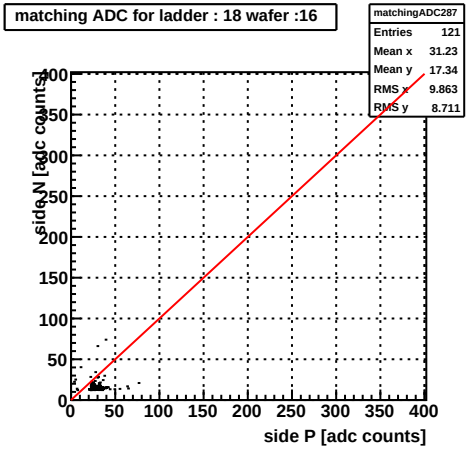

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

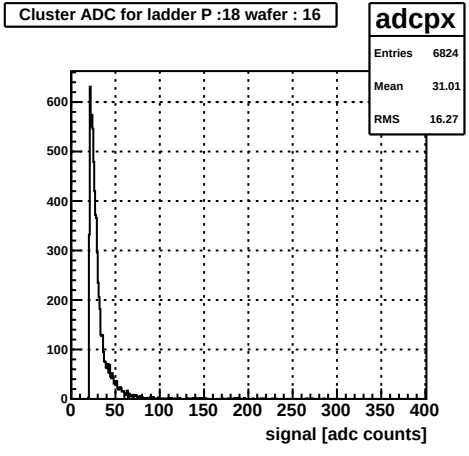

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 2247
Mean 26.74
RMS 12.77
signal [adc counts]

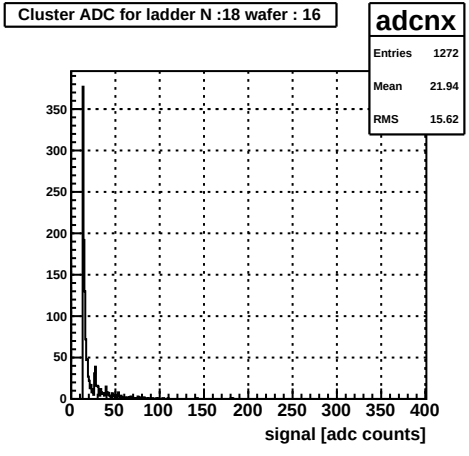

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

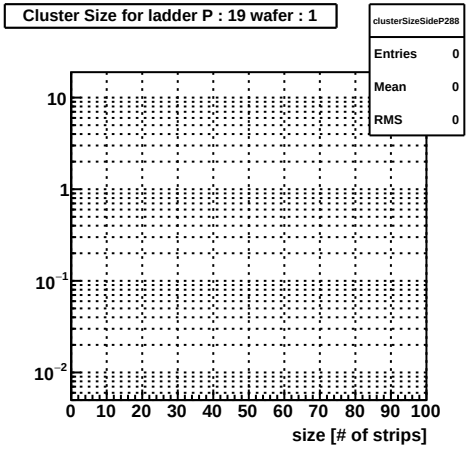

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6824
Mean 1.075
RMS 0.2989
size [# of strips]

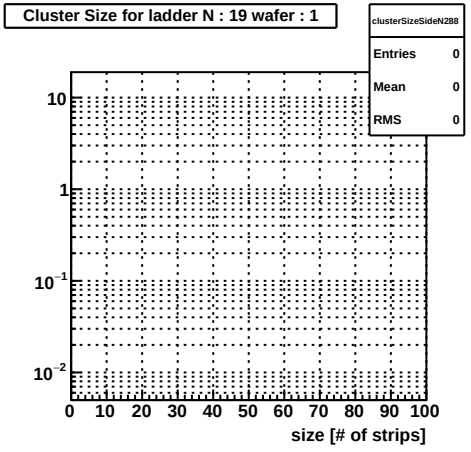

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1272
Mean 1.492
RMS 1.121
size [# of strips]

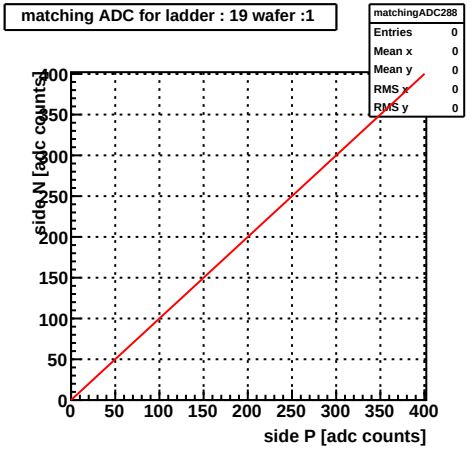

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 121
Mean x 31.23
Mean y 17.34
RMS x 9.863
RMS y 8.711
side N [adc counts]
side P [adc counts]

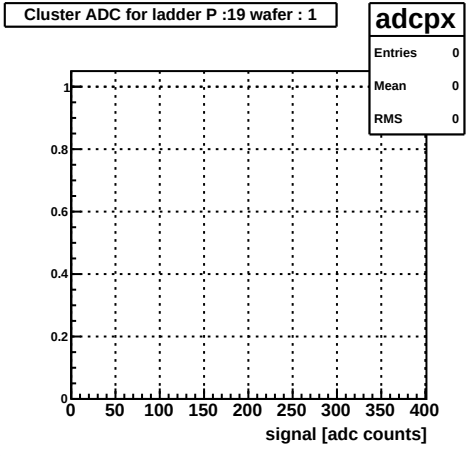

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6824
Mean 31.01
RMS 16.27
signal [adc counts]

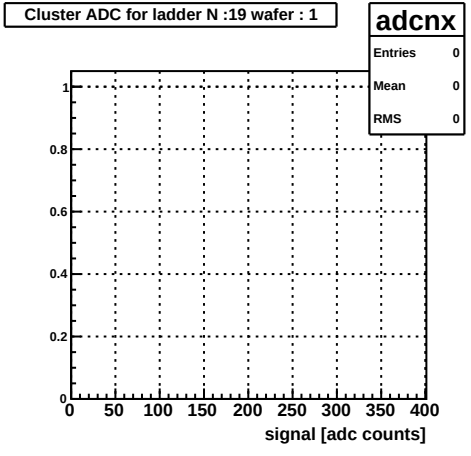

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1272
Mean 21.94
RMS 15.62
signal [adc counts]

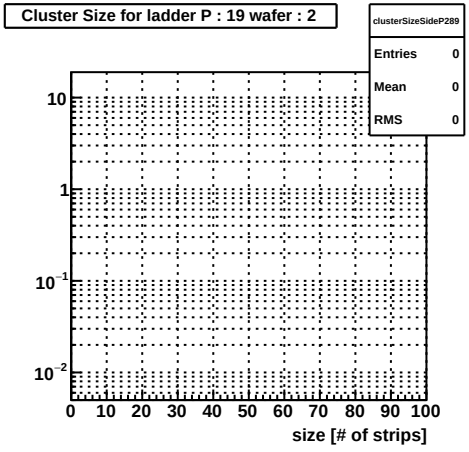

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

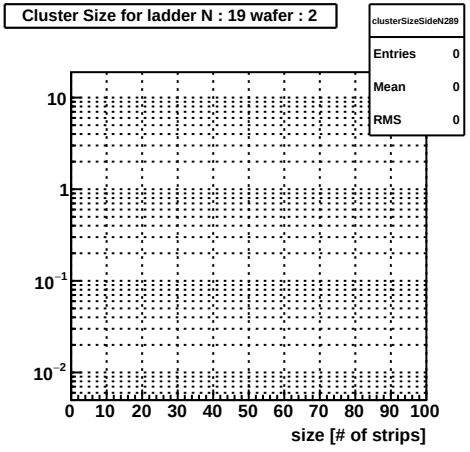

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

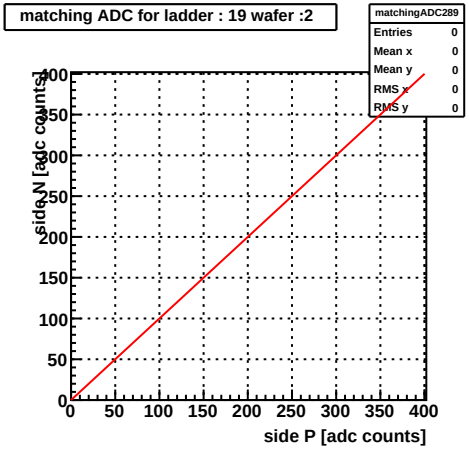

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

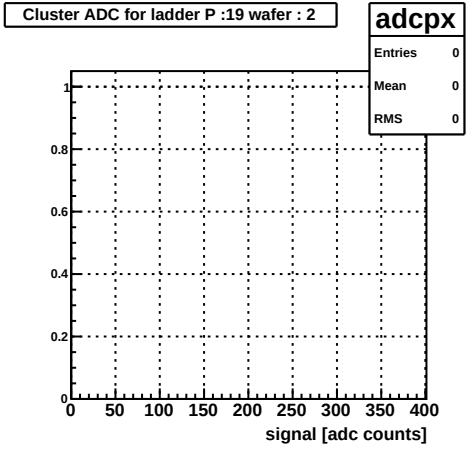

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

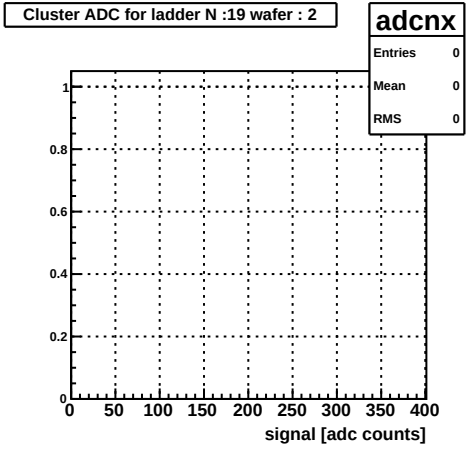

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

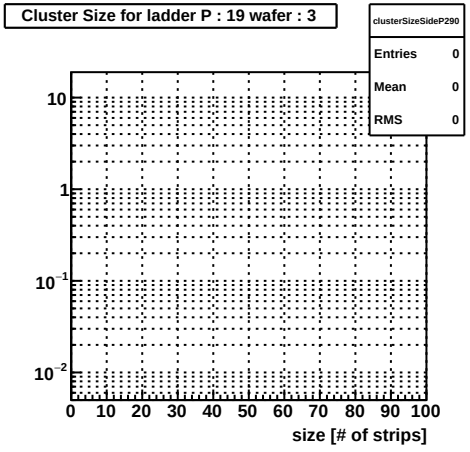

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

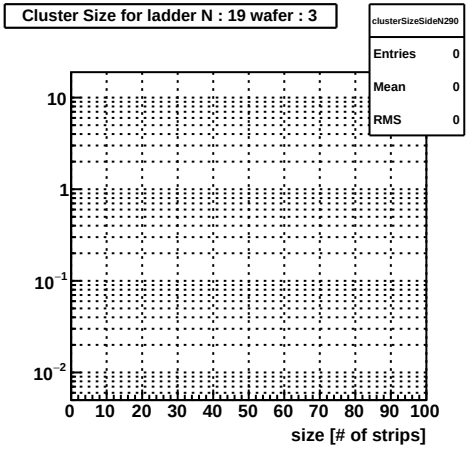

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

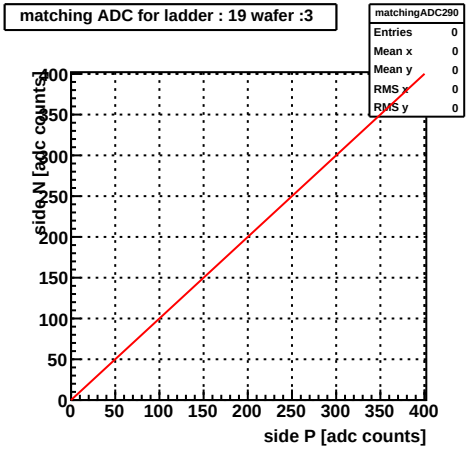

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

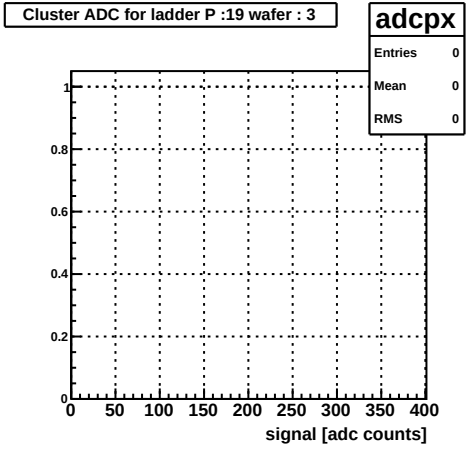

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

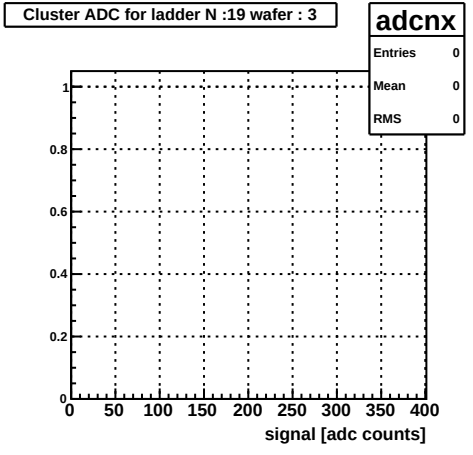

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

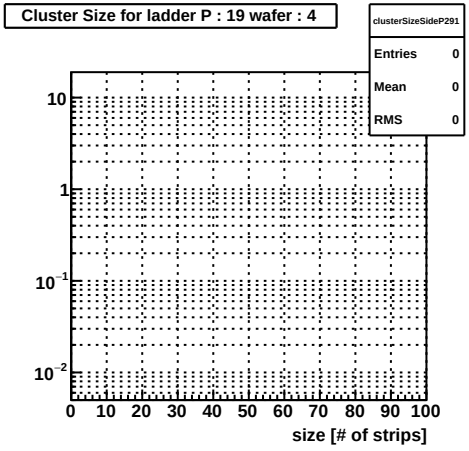

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

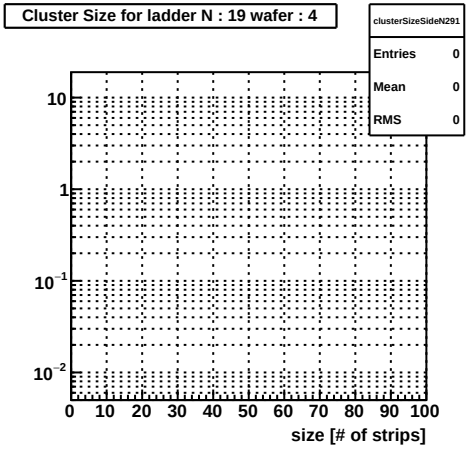

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

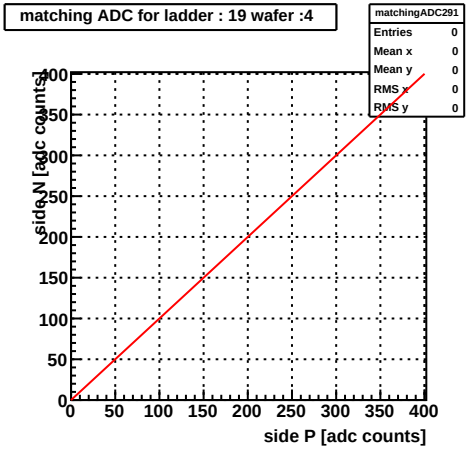

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

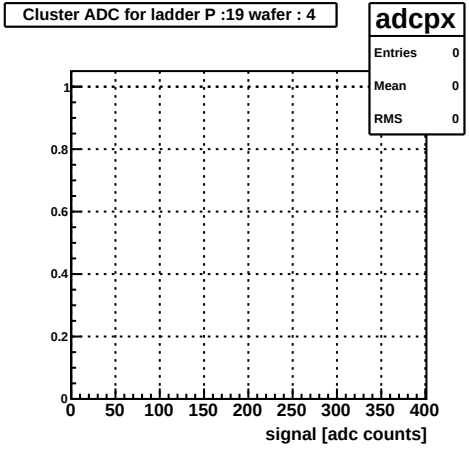

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

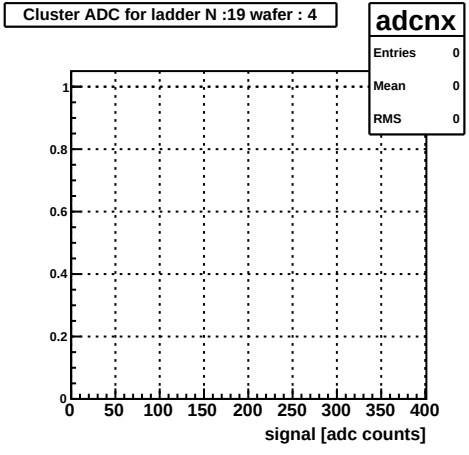

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

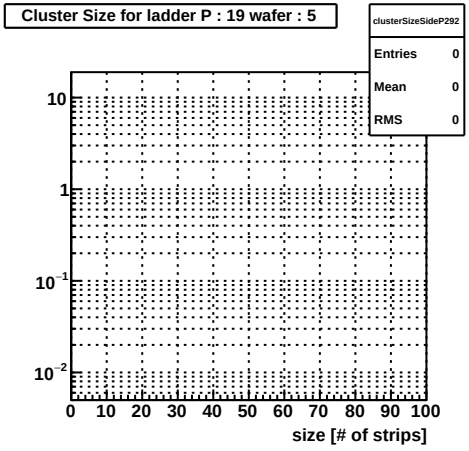

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

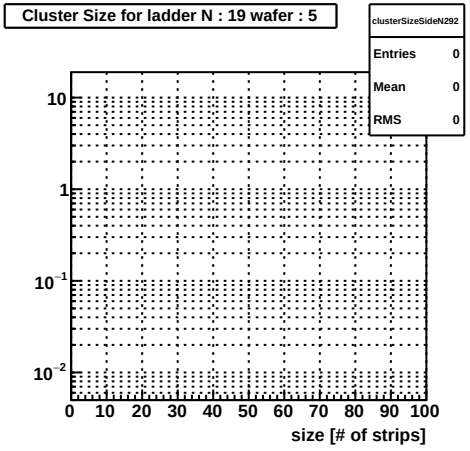

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

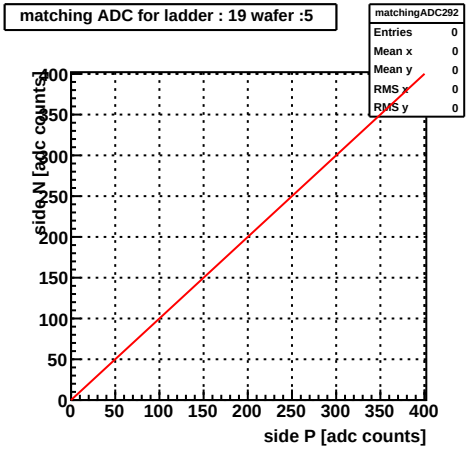

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

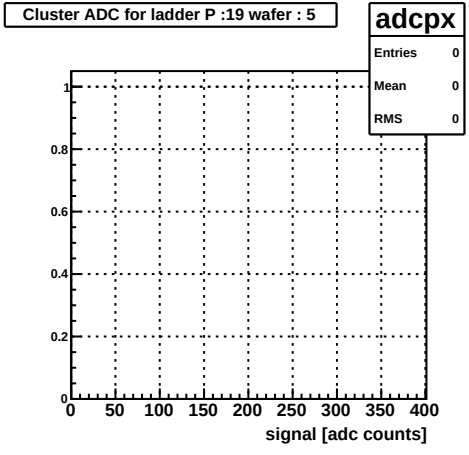

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

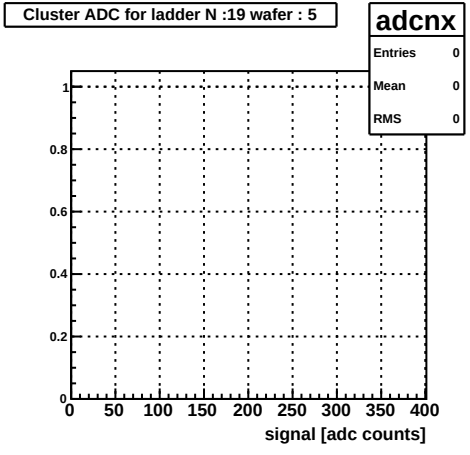

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

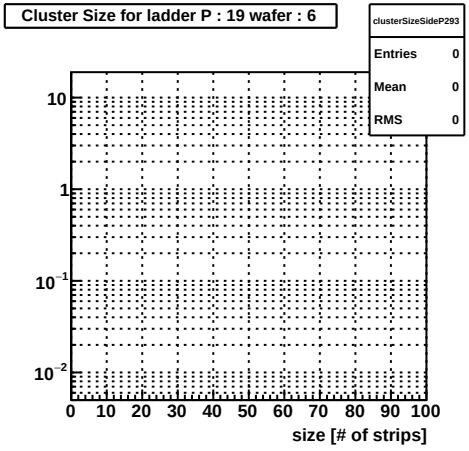

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

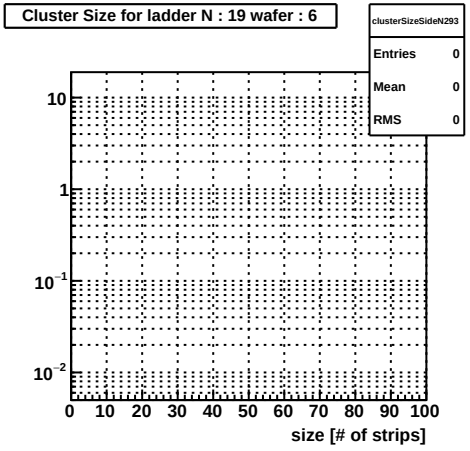

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

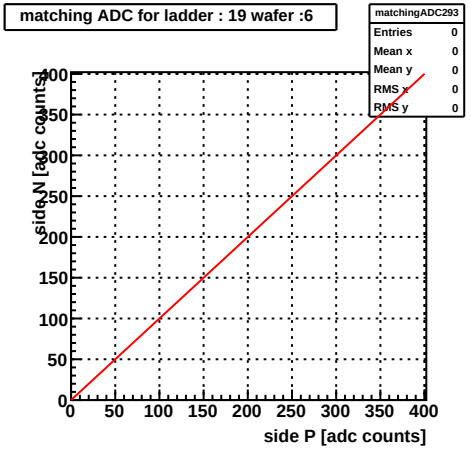

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

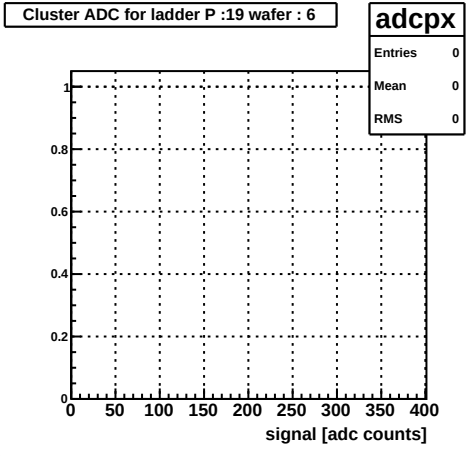

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

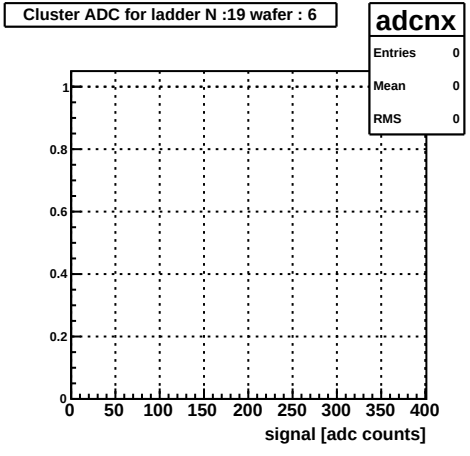

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

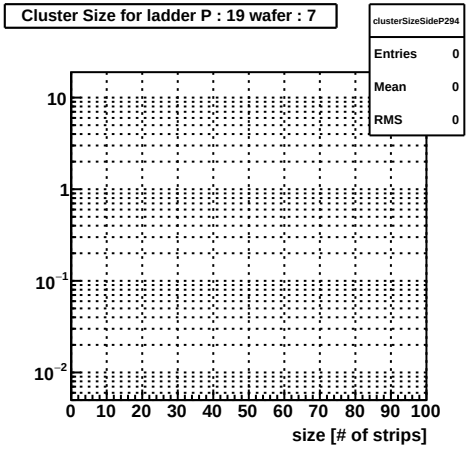

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

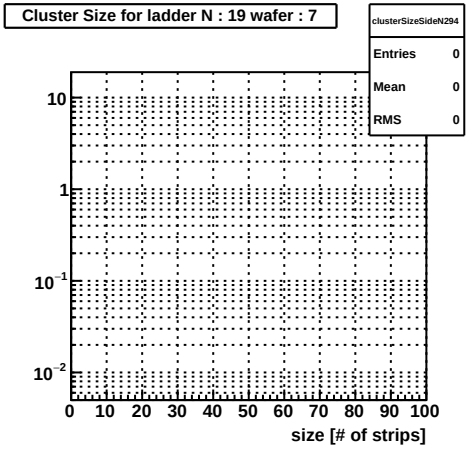

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

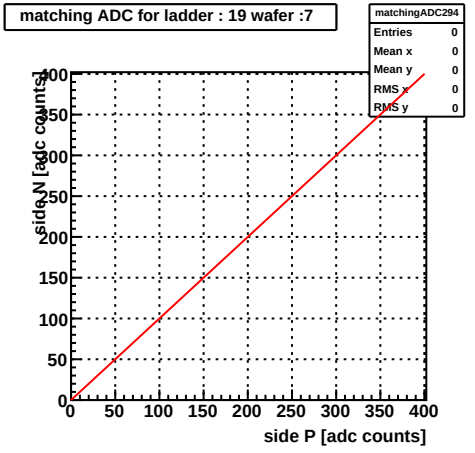

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

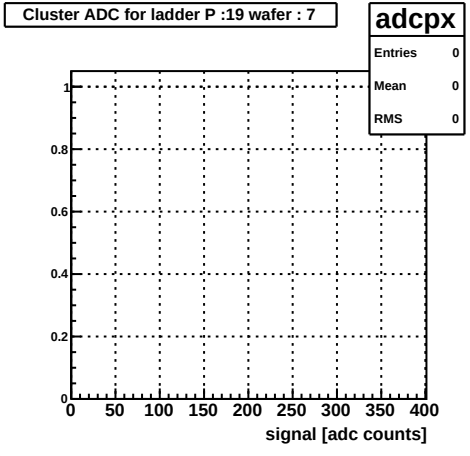

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

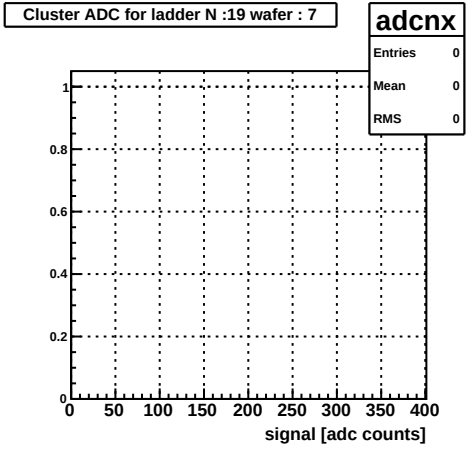

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

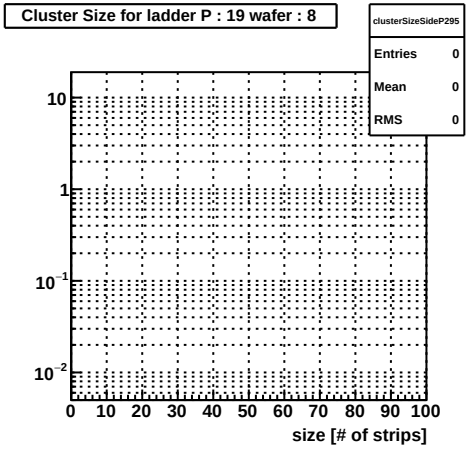

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

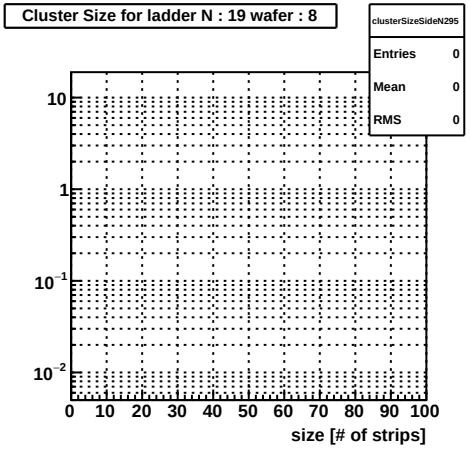

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

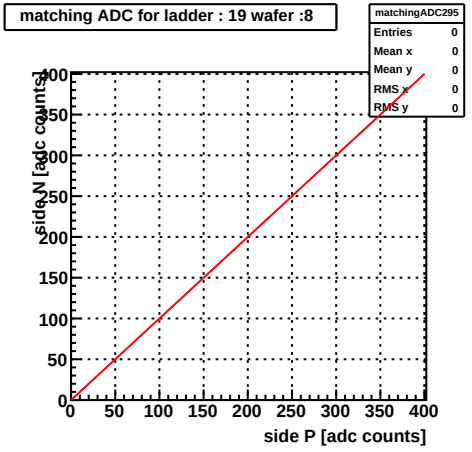

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

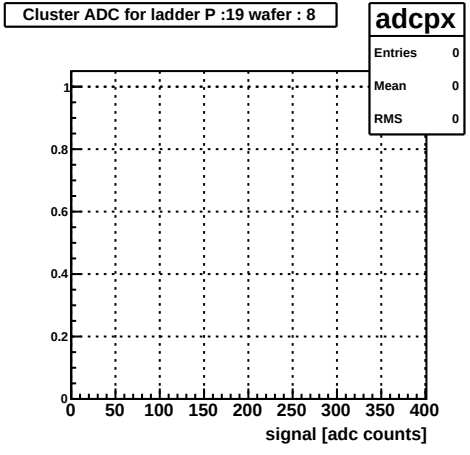

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

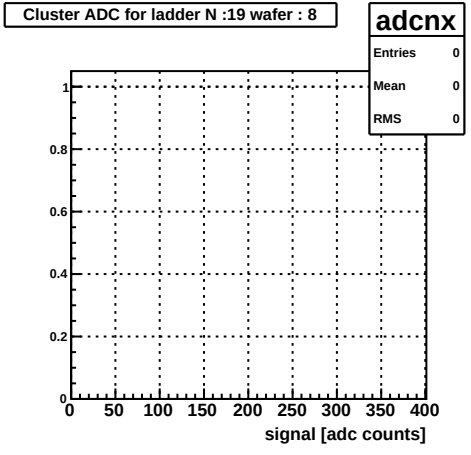

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

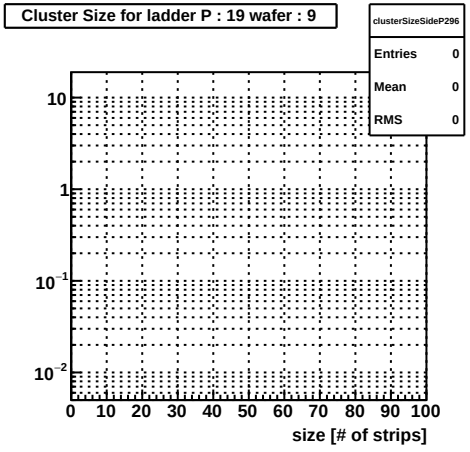

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

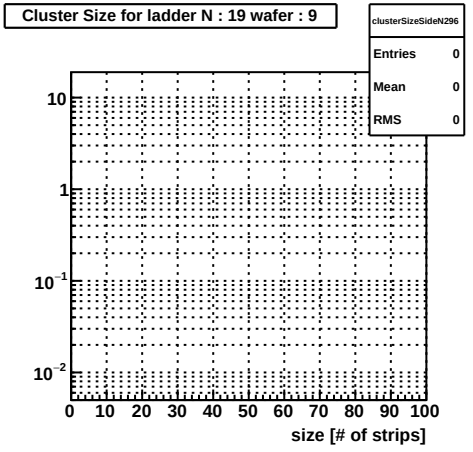

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

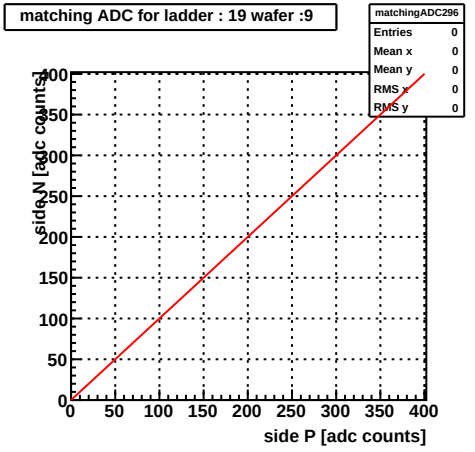

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

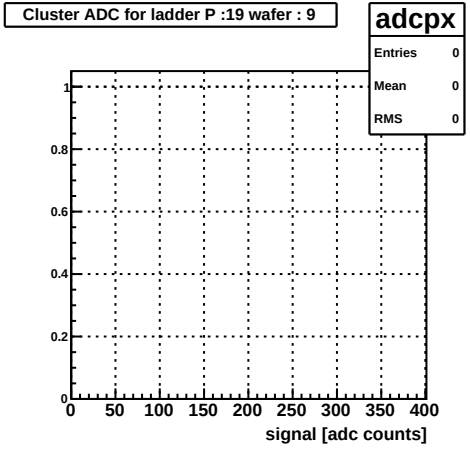

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

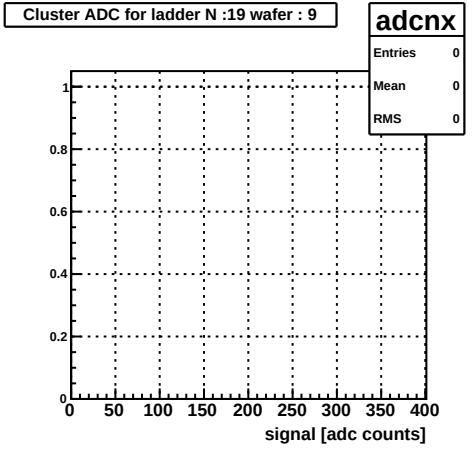

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

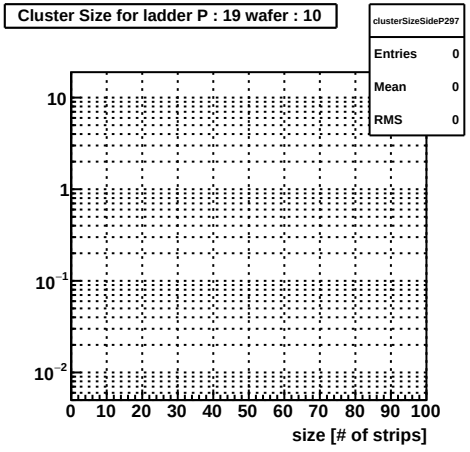

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

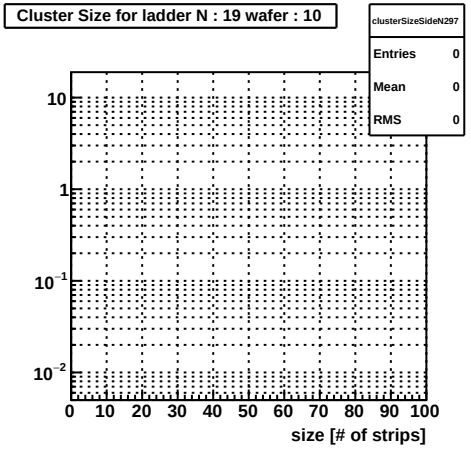

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

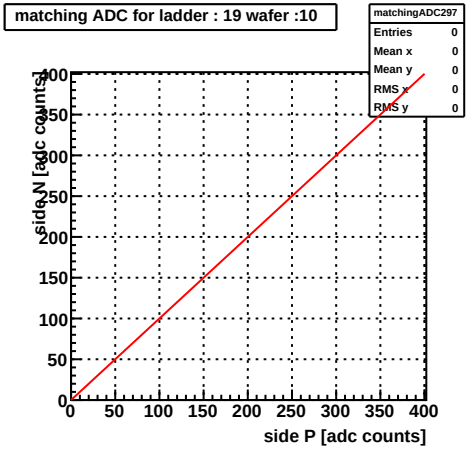

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

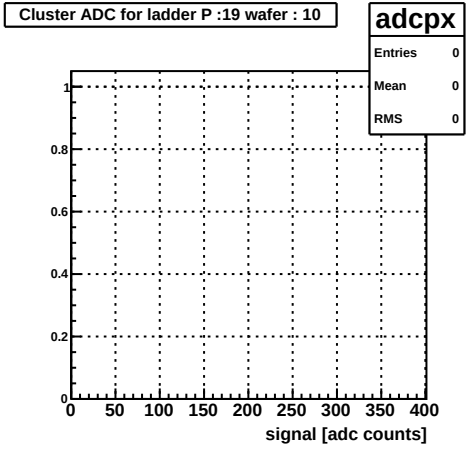

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

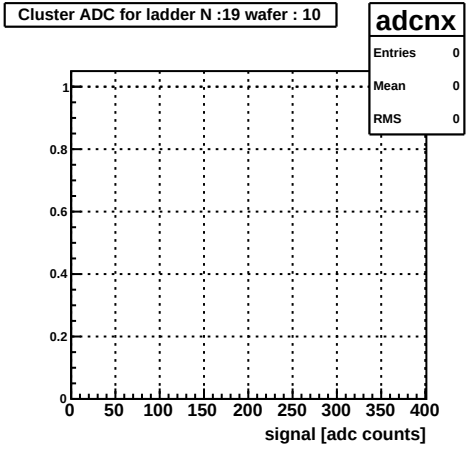

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

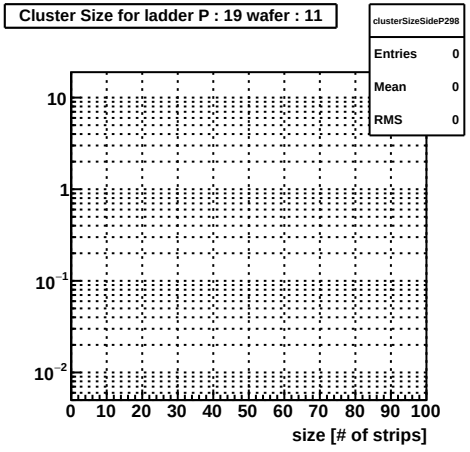

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

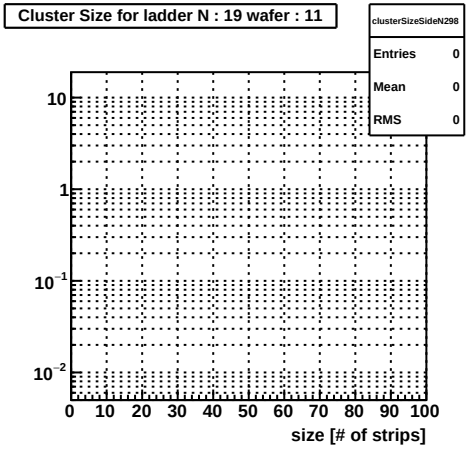

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

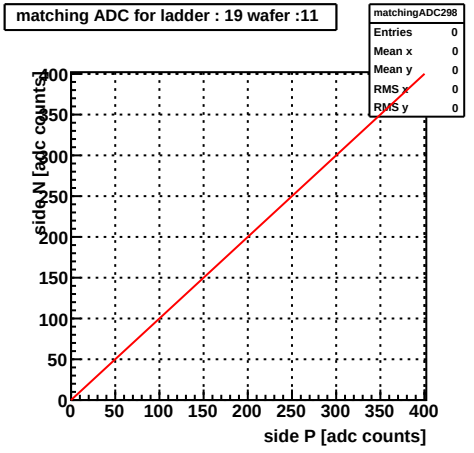

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

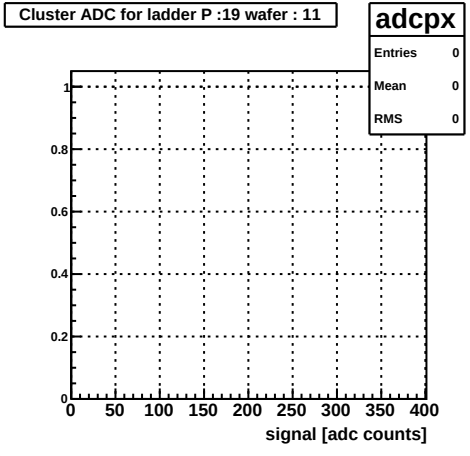

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

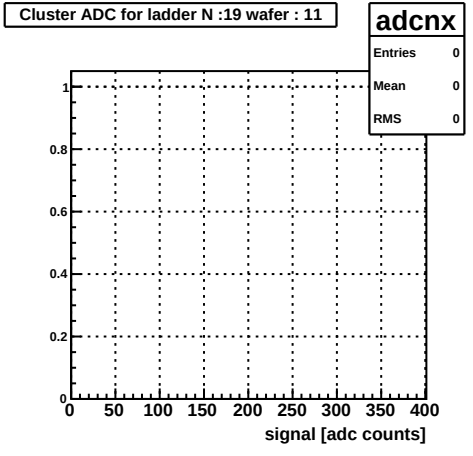

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

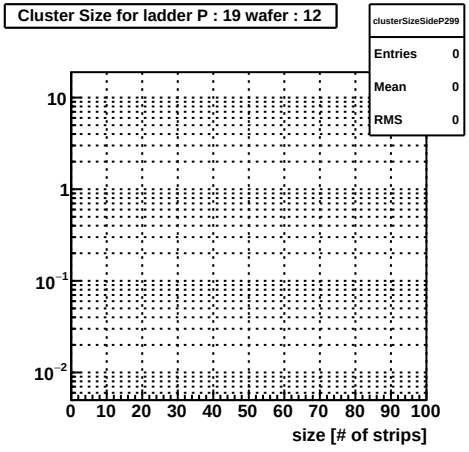

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

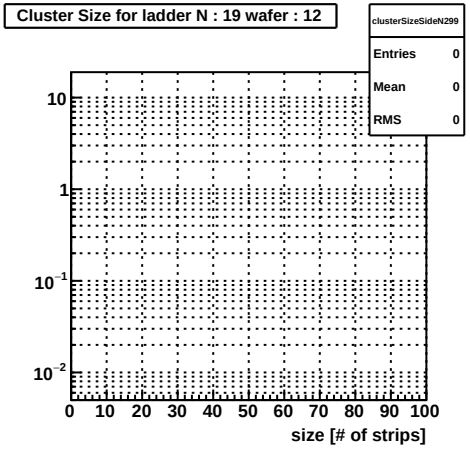

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

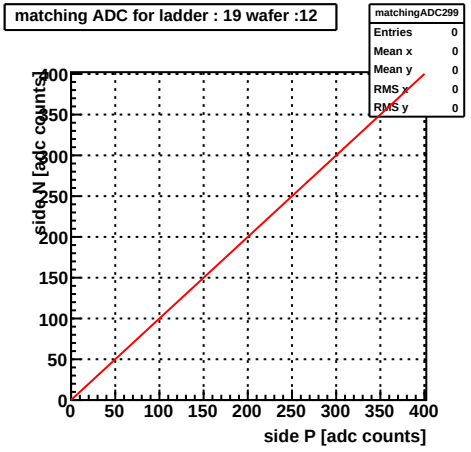

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

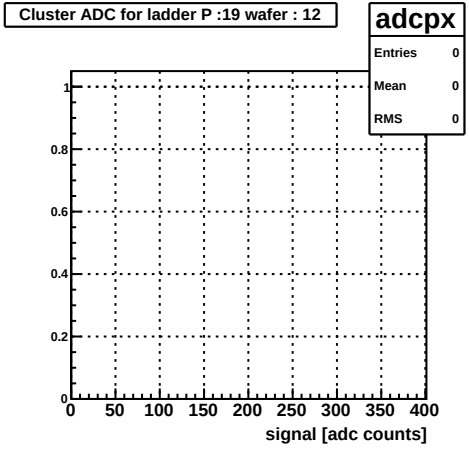

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

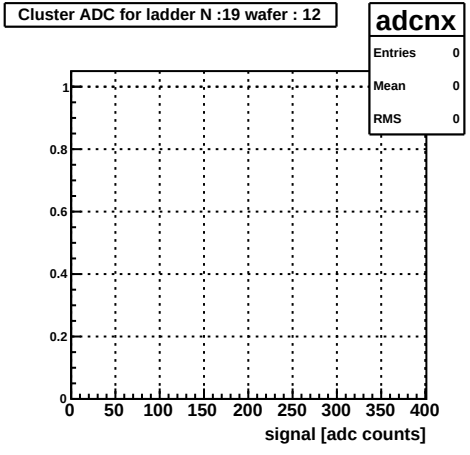

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

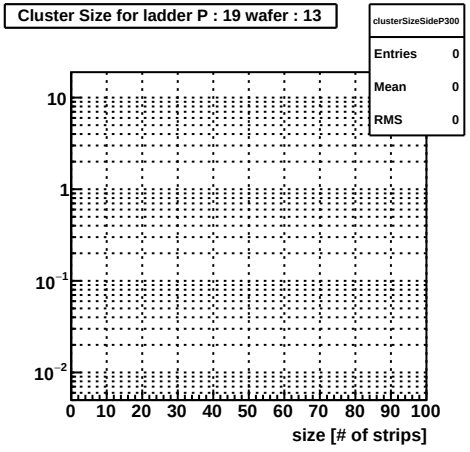

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

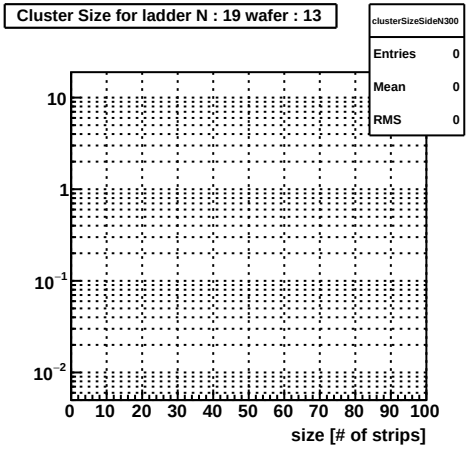

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

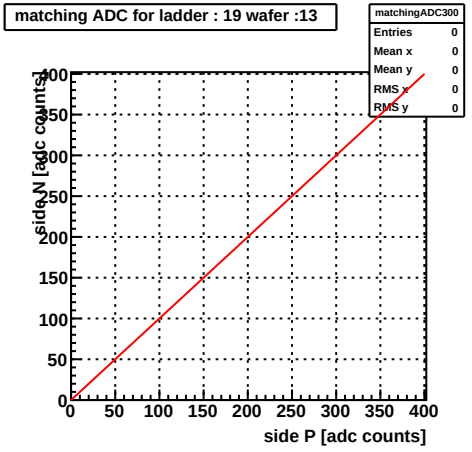

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

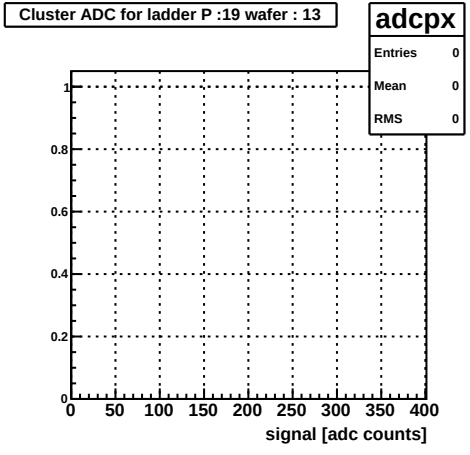

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

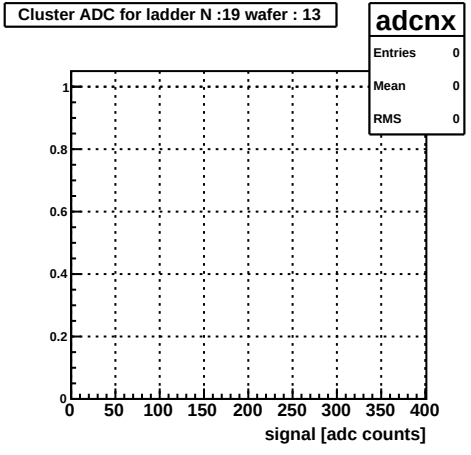

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

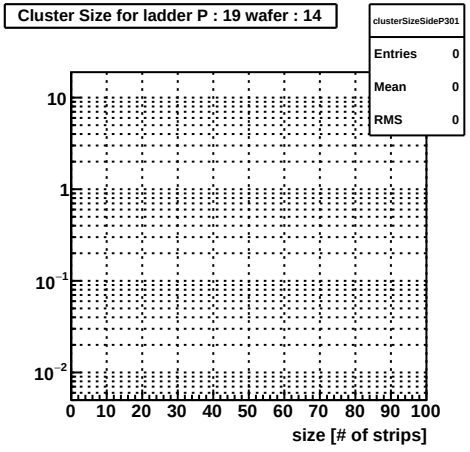

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

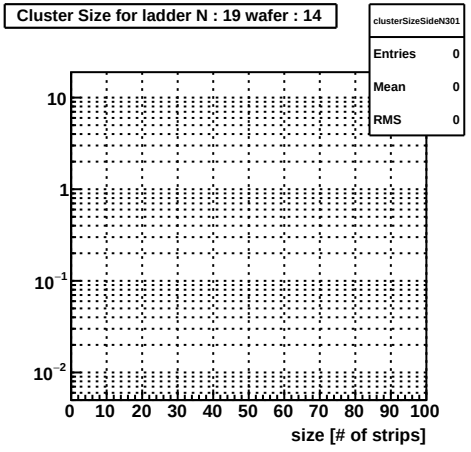

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

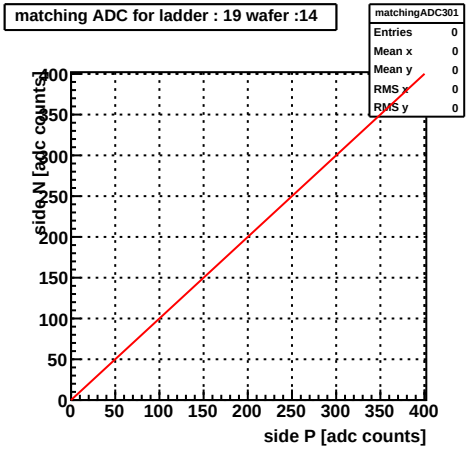

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

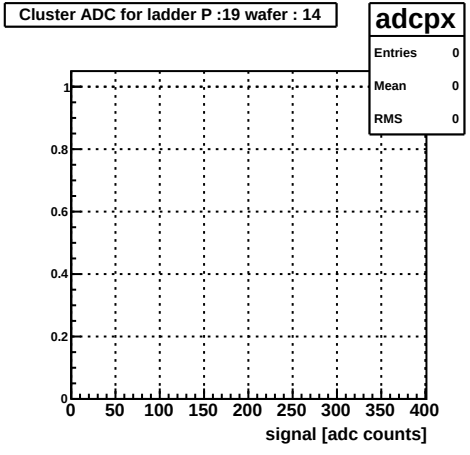

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

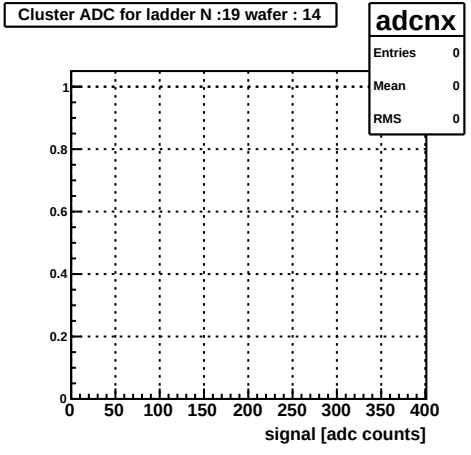

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

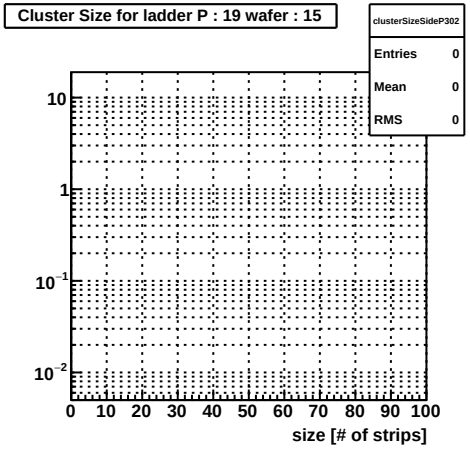

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

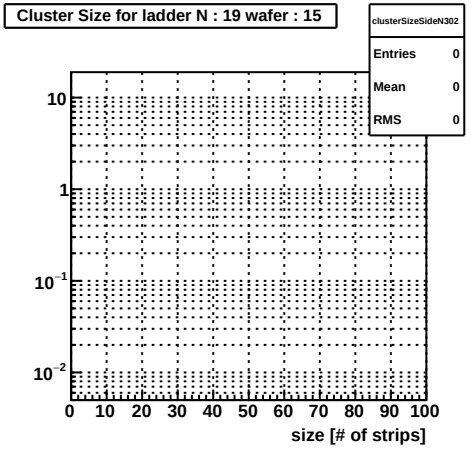

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

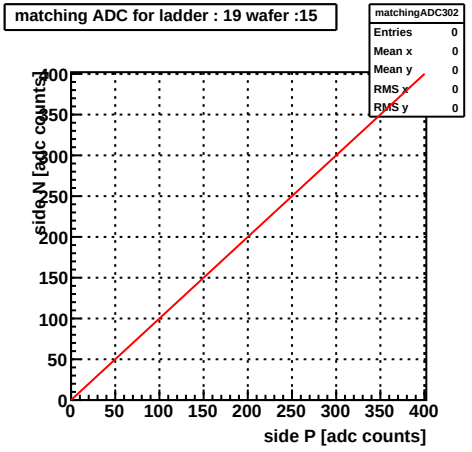

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

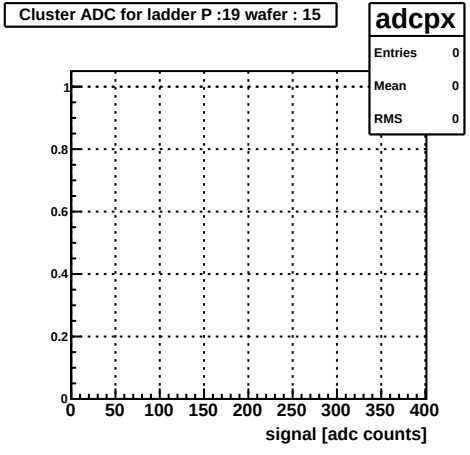

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

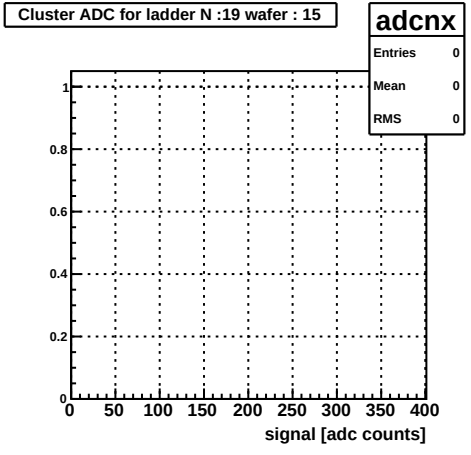

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

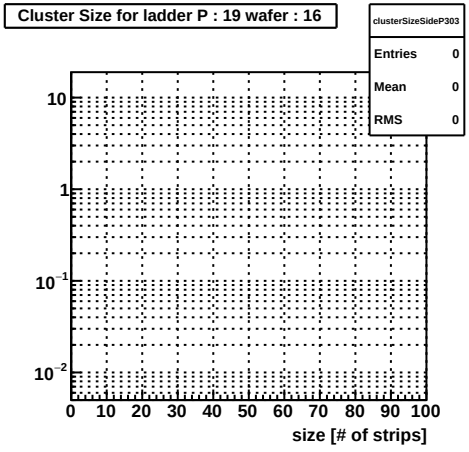

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

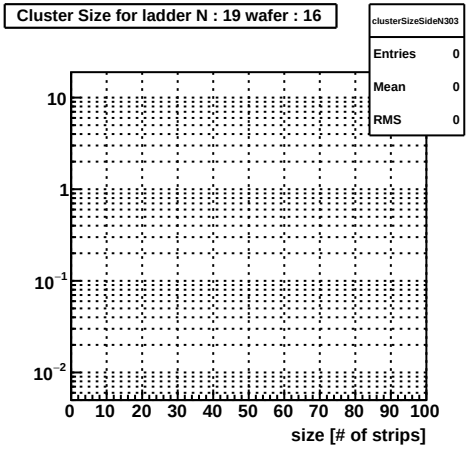

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

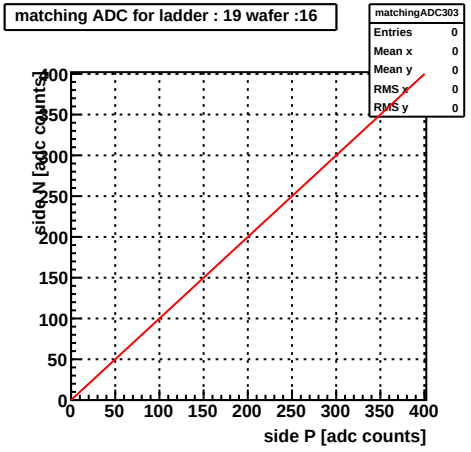

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

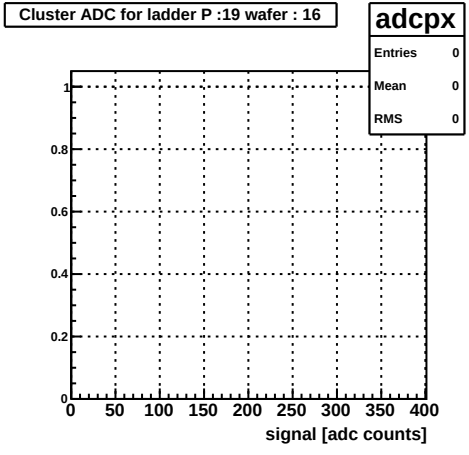

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

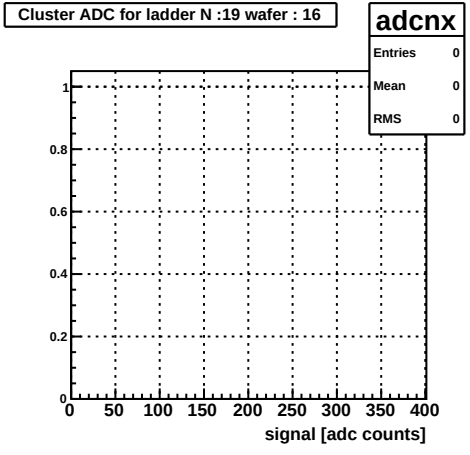

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

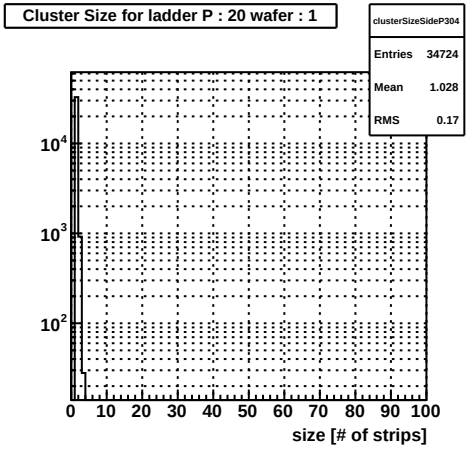

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

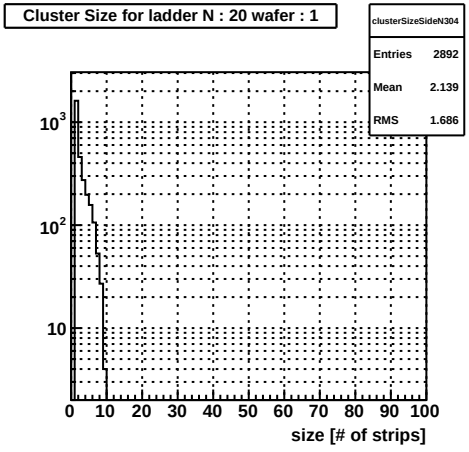

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

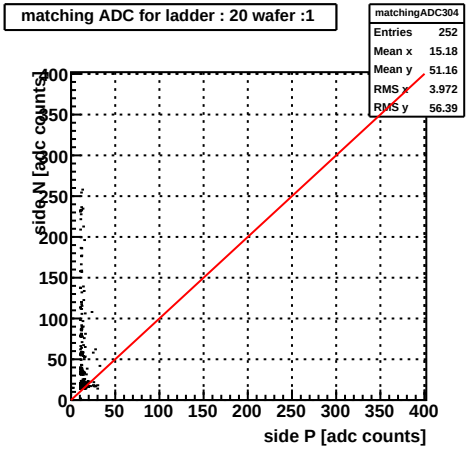

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

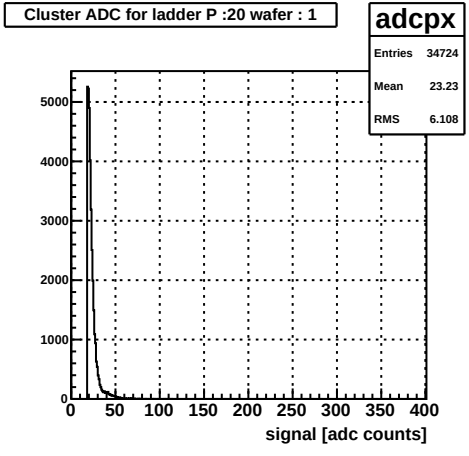

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

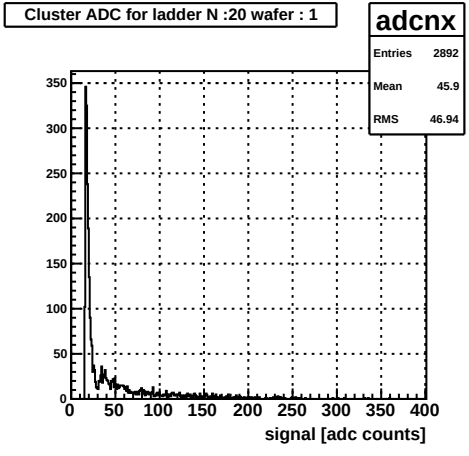

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

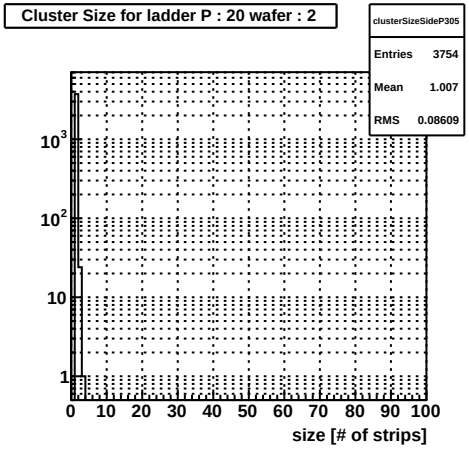

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 34724
Mean 1.028
RMS 0.17
size [# of strips]

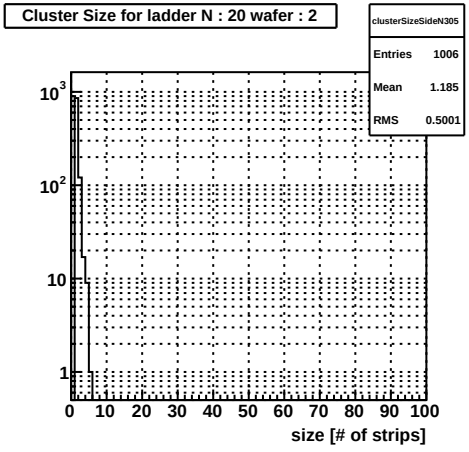

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2892
Mean 2.139
RMS 1.686
size [# of strips]

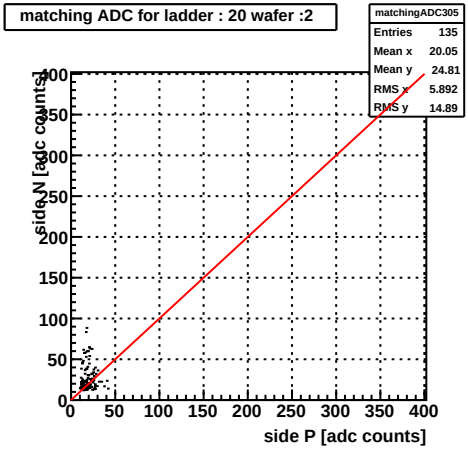

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 252
Mean x 15.18
Mean y 51.16
RMS x 3.972
RMS y 56.39
side N [adc counts]
side P [adc counts]

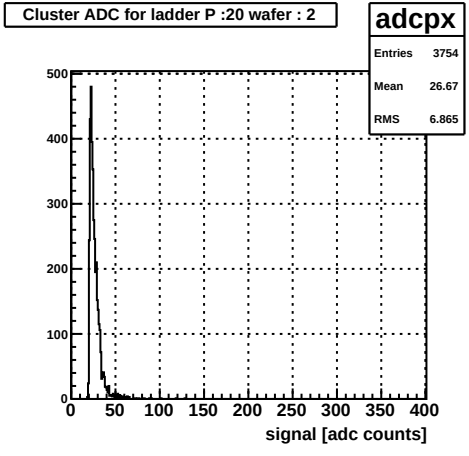

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 34724
Mean 23.23
RMS 6.108
signal [adc counts]

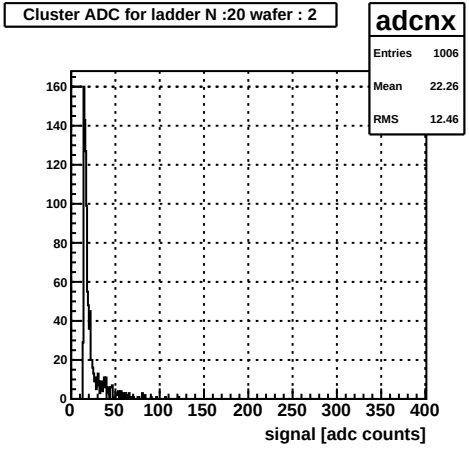

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2892
Mean 45.9
RMS 46.94
signal [adc counts]

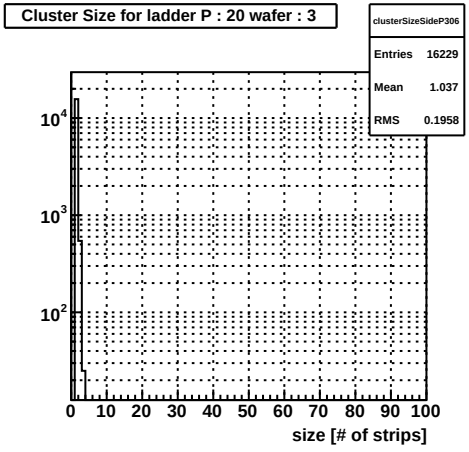

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3754
Mean 1.007
RMS 0.08609
size [# of strips]

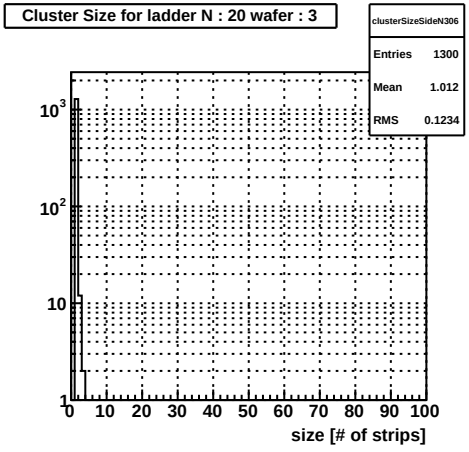

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1006
Mean 1.185
RMS 0.5001
size [# of strips]

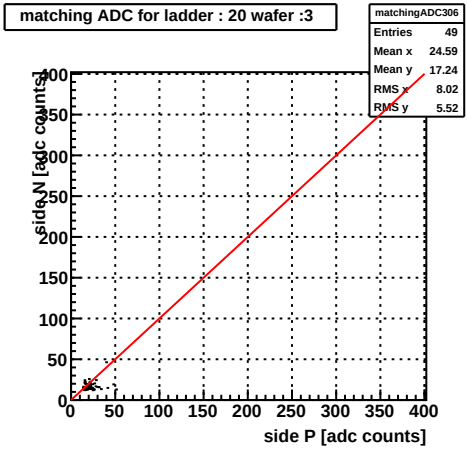

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 135
Mean x 20.05
Mean y 24.81
RMS x 5.892
RMS y 14.89
side N [adc counts]
side P [adc counts]

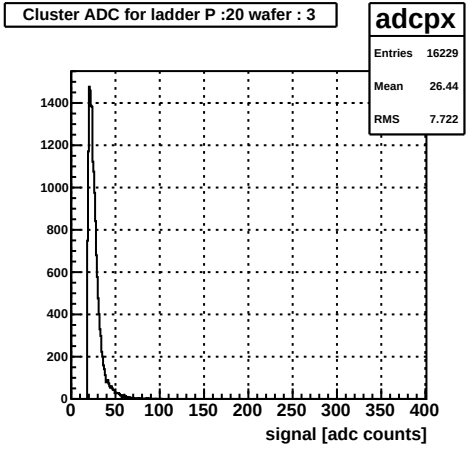

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3754
Mean 26.67
RMS 6.865
signal [adc counts]

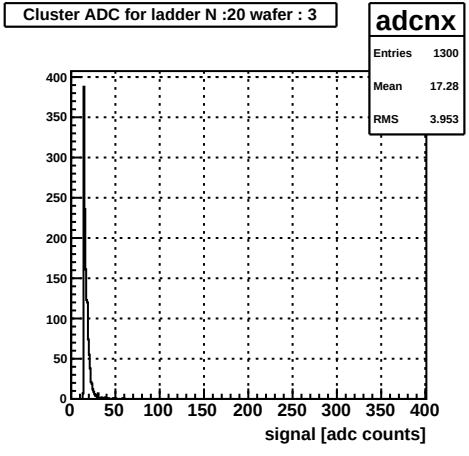

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1006
Mean 22.26
RMS 12.46
signal [adc counts]

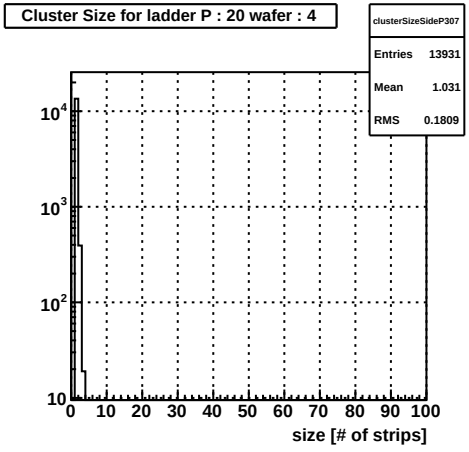

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 16229
Mean 1.037
RMS 0.1958
size [# of strips]

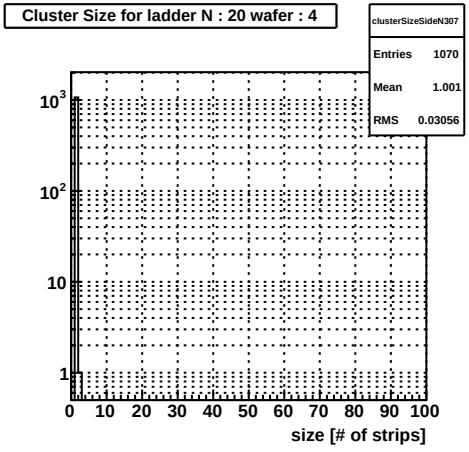

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1300
Mean 1.012
RMS 0.1234
size [# of strips]

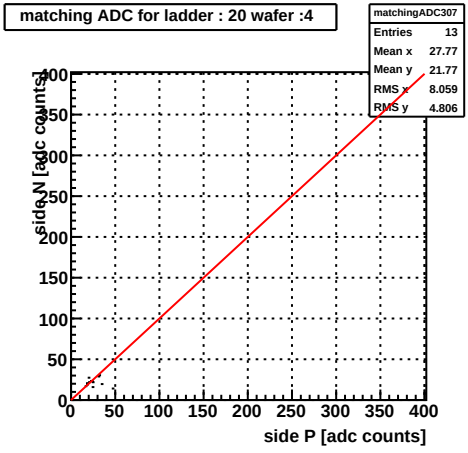

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 49
Mean x 24.59
Mean y 17.24
RMS x 8.02
RMS y 5.52
side N [adc counts]
side P [adc counts]

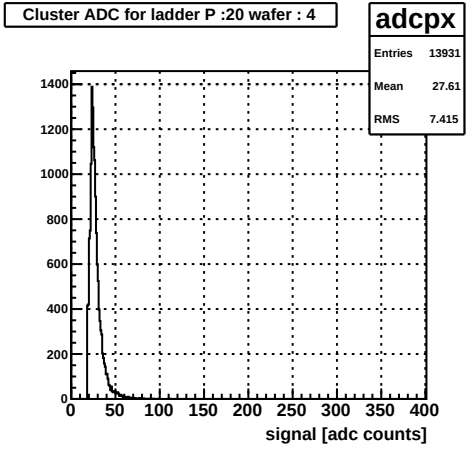

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 16229
Mean 26.44
RMS 7.722
signal [adc counts]

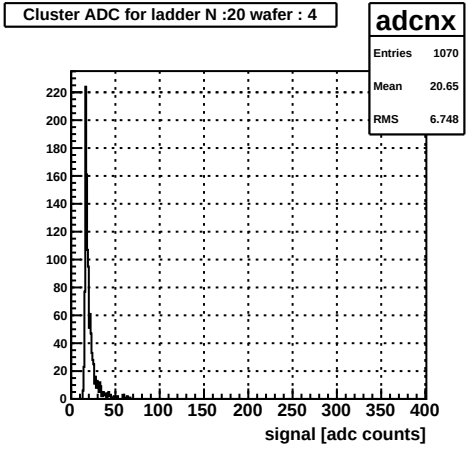

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1300
Mean 17.28
RMS 3.953
signal [adc counts]

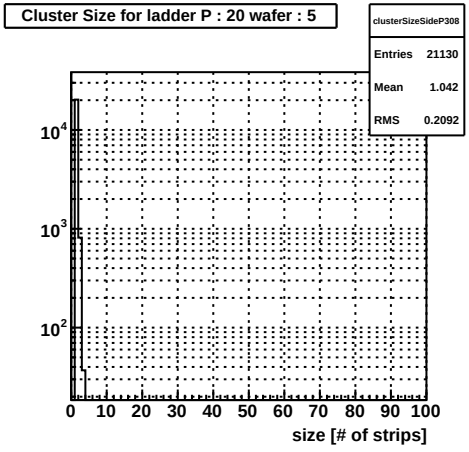

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 13931
Mean 1.031
RMS 0.1809
size [# of strips]

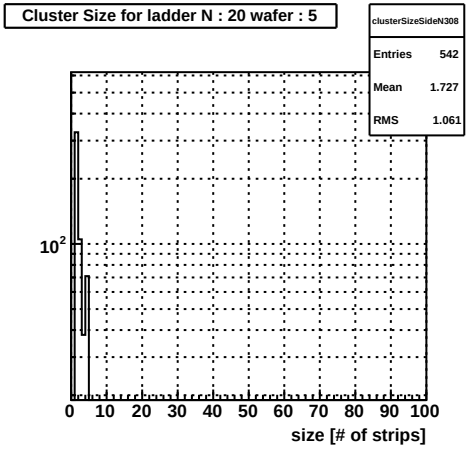

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1070
Mean 1.001
RMS 0.03056
size [# of strips]

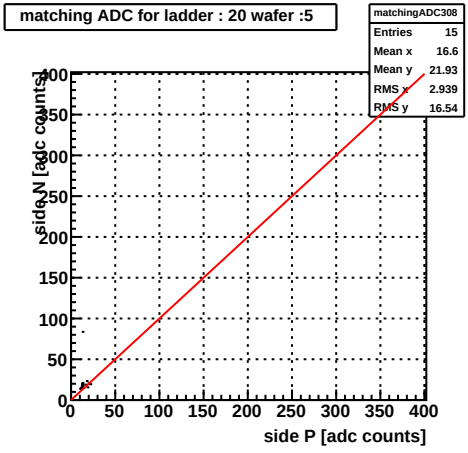

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 13
Mean x 27.77
Mean y 21.77
RMS x 8.059
RMS y 4.806
side N [adc counts]
side P [adc counts]

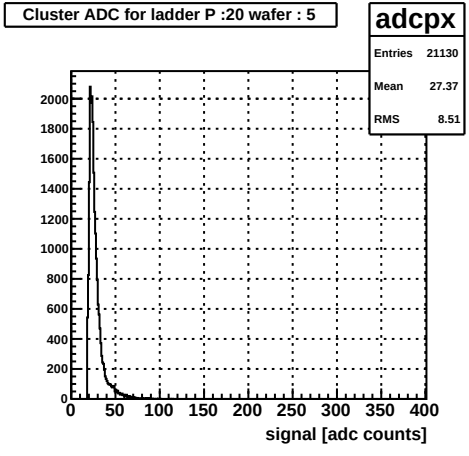

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 13931
Mean 27.61
RMS 7.415
signal [adc counts]

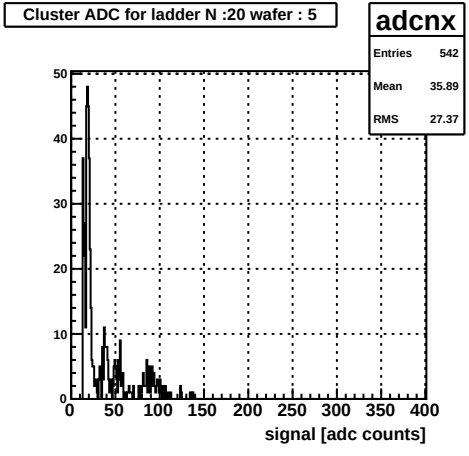

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1070
Mean 20.65
RMS 6.748
signal [adc counts]

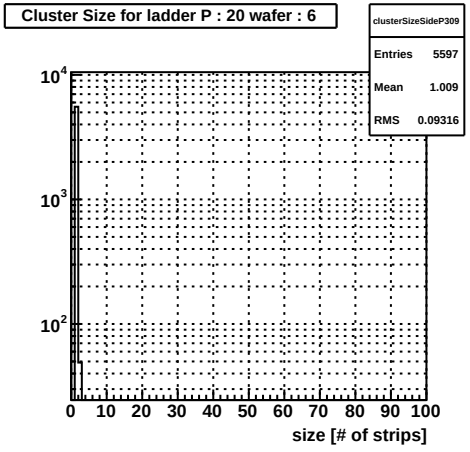

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 21130
Mean 1.042
RMS 0.2092
size [# of strips]

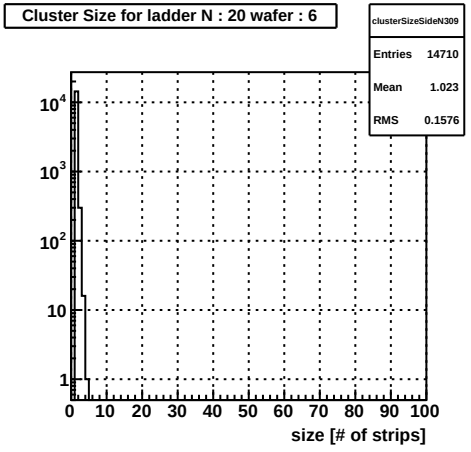

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 542
Mean 1.727
RMS 1.061
size [# of strips]

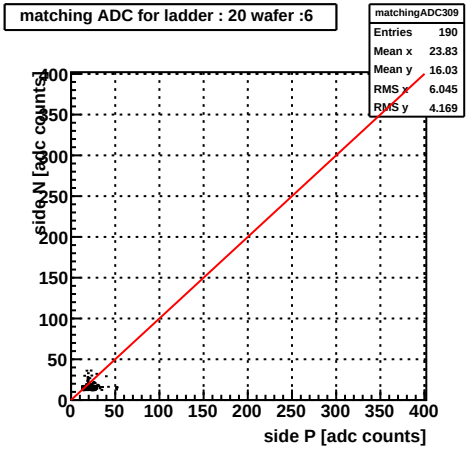

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 15
Mean x 16.6
Mean y 21.93
RMS x 2.939
RMS y 16.54
side N [adc counts]
side P [adc counts]

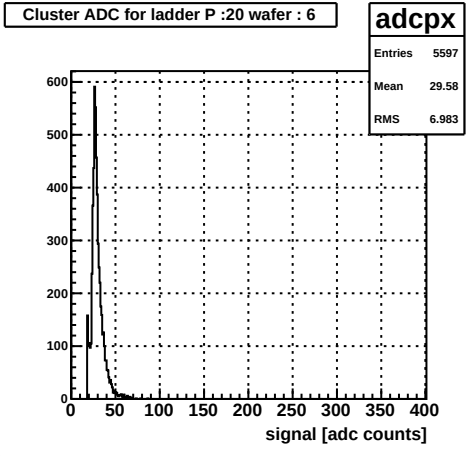

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 21130
Mean 27.37
RMS 8.51
signal [adc counts]

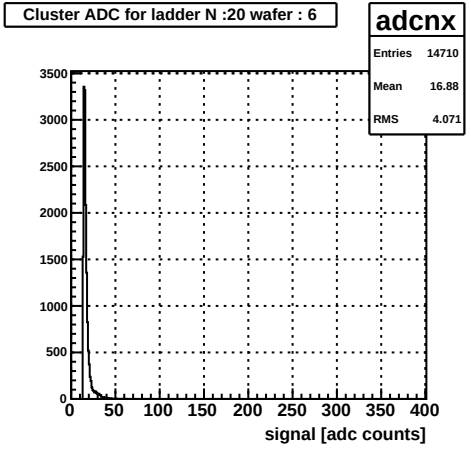

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 542
Mean 35.89
RMS 27.37
signal [adc counts]

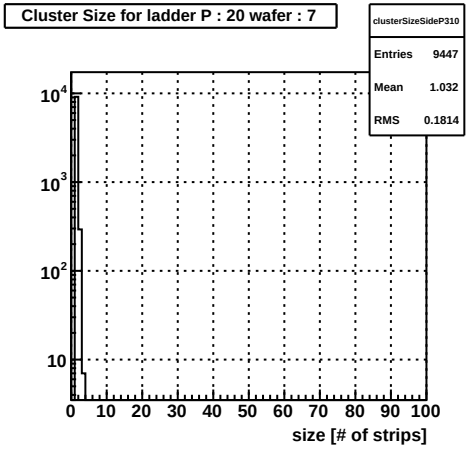

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 5597
Mean 1.009
RMS 0.09316
size [# of strips]

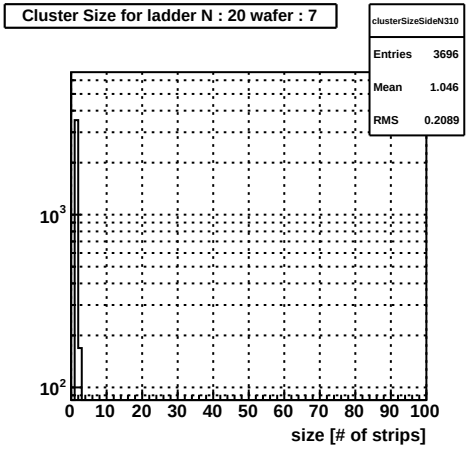

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 14710
Mean 1.023
RMS 0.1576
size [# of strips]

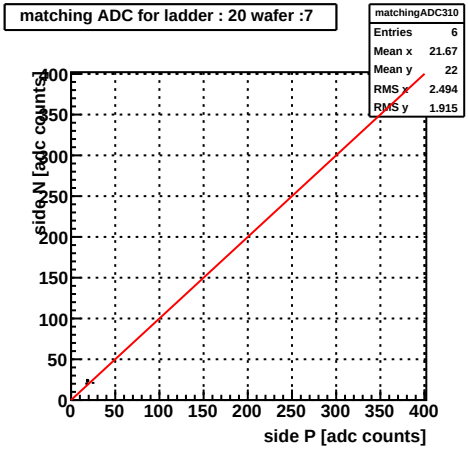

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 190
Mean x 23.83
Mean y 16.03
RMS x 6.045
RMS y 4.169
side N [adc counts]
side P [adc counts]

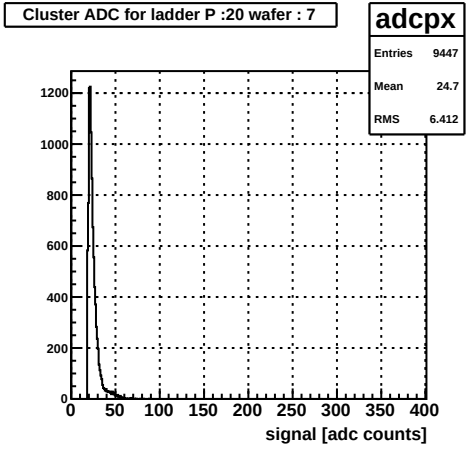

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 5597
Mean 29.58
RMS 6.983
signal [adc counts]

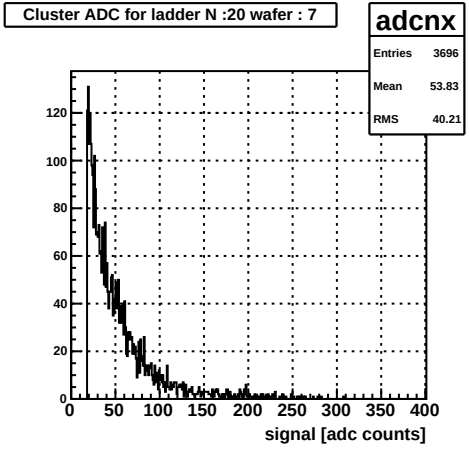

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 14710
Mean 16.88
RMS 4.071
signal [adc counts]

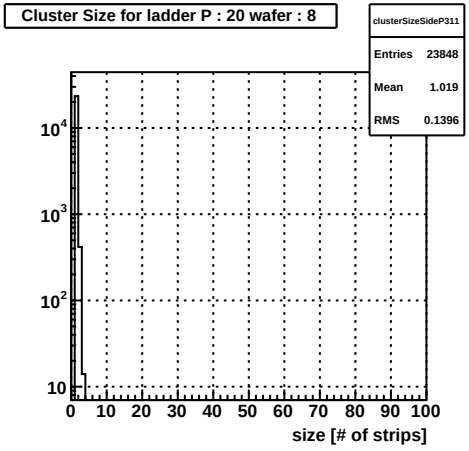

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 9447
Mean 1.032
RMS 0.1814
size [# of strips]

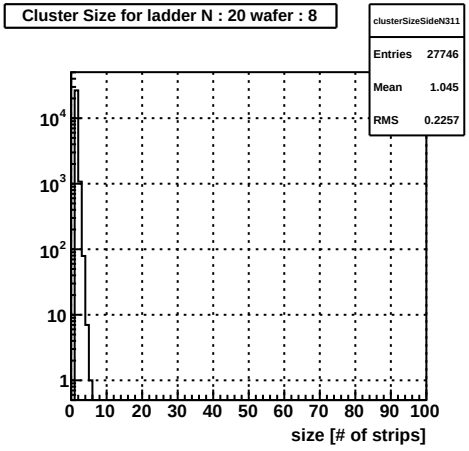

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 3696
Mean 1.046
RMS 0.2089
size [# of strips]

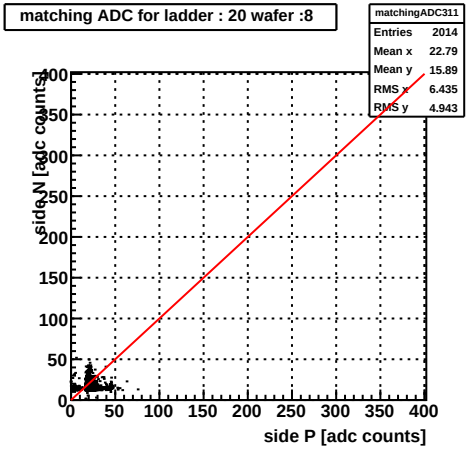

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 6
Mean x 21.67
Mean y 22
RMS x 2.494
RMS y 1.915
side N [adc counts]
side P [adc counts]

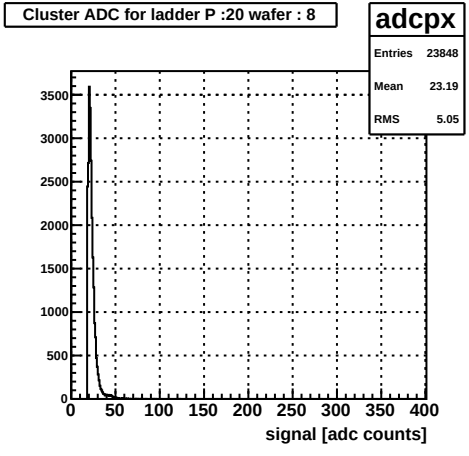

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 9447
Mean 24.7
RMS 6.412
signal [adc counts]

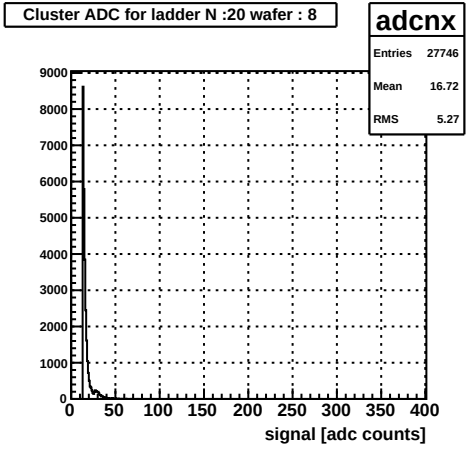

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 3696
Mean 53.83
RMS 40.21
signal [adc counts]

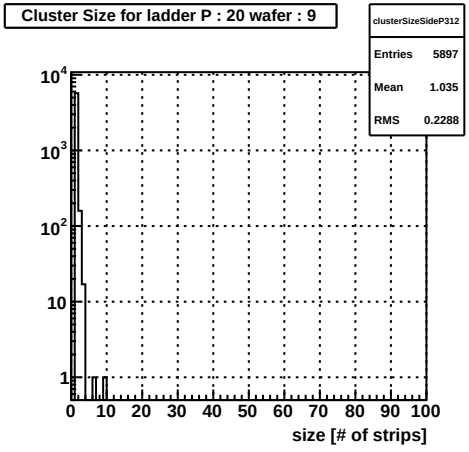

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 23848
Mean 1.019
RMS 0.1396
size [# of strips]

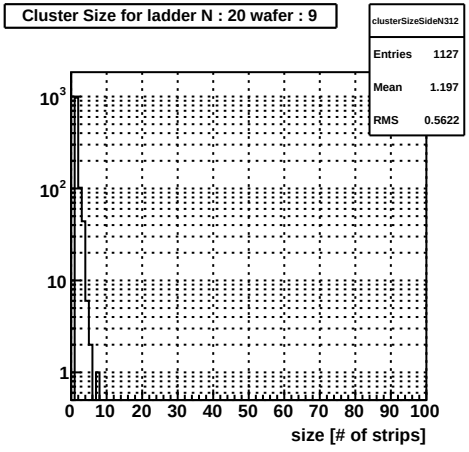

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 27746
Mean 1.045
RMS 0.2257
size [# of strips]

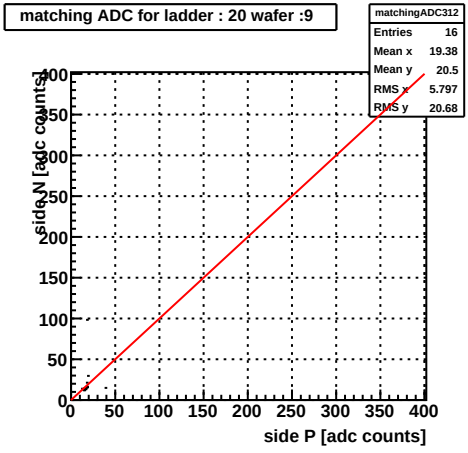

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 2014
Mean x 22.79
Mean y 15.89
RMS x 6.435
RMS y 4.943
side N [adc counts]
side P [adc counts]

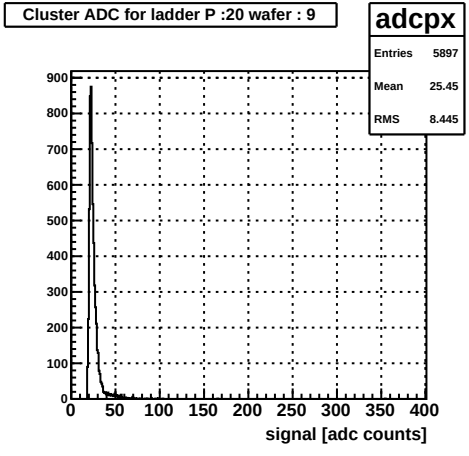

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 23848
Mean 23.19
RMS 5.05
signal [adc counts]

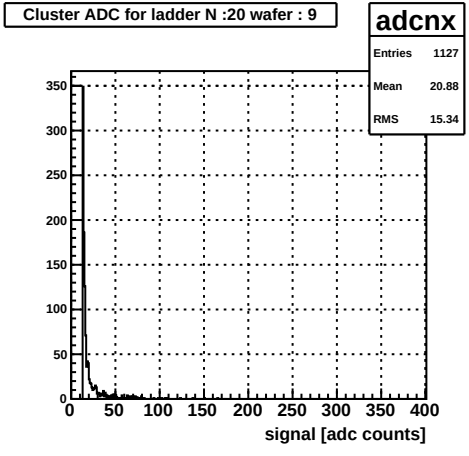

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 27746
Mean 16.72
RMS 5.27
signal [adc counts]

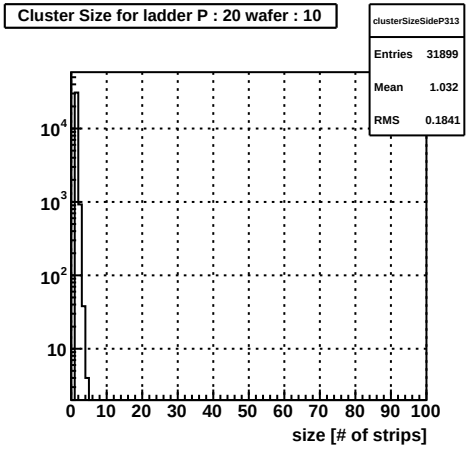

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5897
Mean 1.035
RMS 0.2288
size [# of strips]

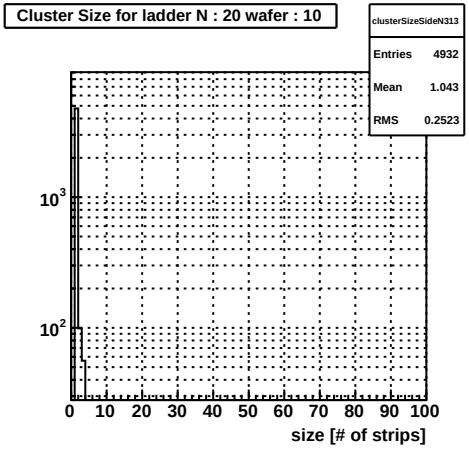

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1127
Mean 1.197
RMS 0.5622
size [# of strips]

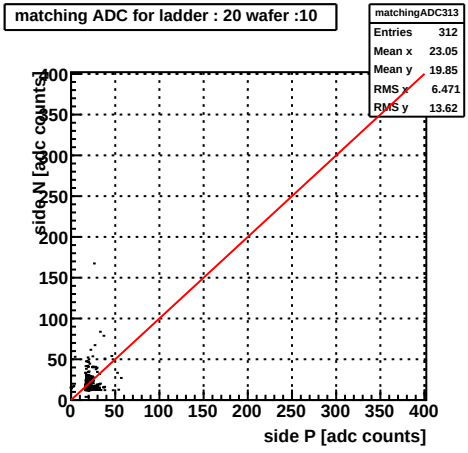

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 16
Mean x 19.38
Mean y 20.5
RMS x 5.797
RMS y 20.68
side N [adc counts]
side P [adc counts]

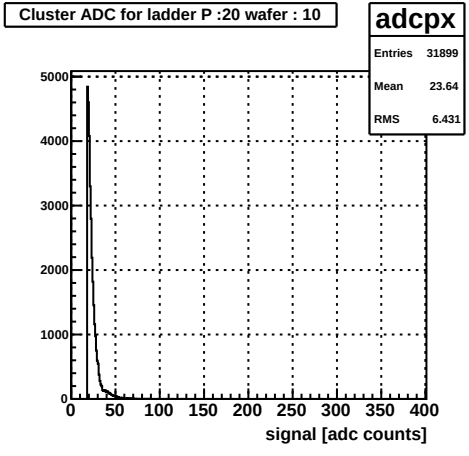

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5897
Mean 25.45
RMS 8.445
signal [adc counts]

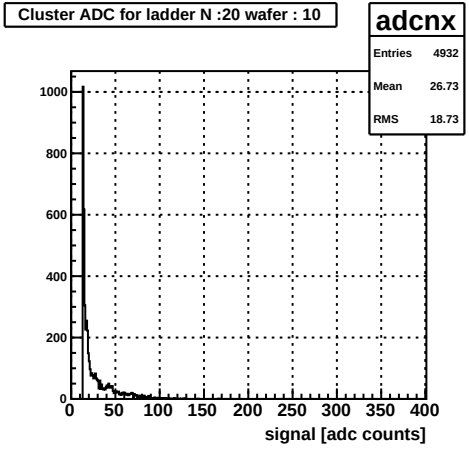

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1127
Mean 20.88
RMS 15.34
signal [adc counts]

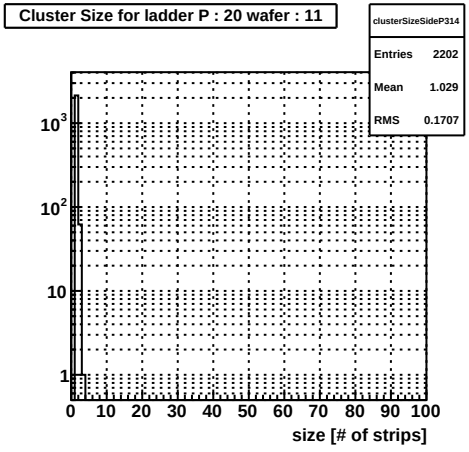

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 31899
Mean 1.032
RMS 0.1841
size [# of strips]

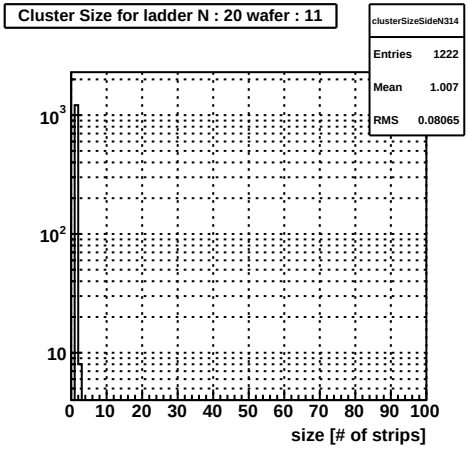

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4932
Mean 1.043
RMS 0.2523
size [# of strips]

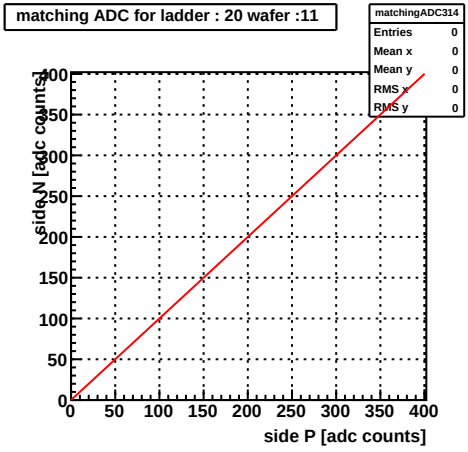

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 312
Mean x 23.05
Mean y 19.85
RMS x 6.471
RMS y 13.62
side N [adc counts]
side P [adc counts]

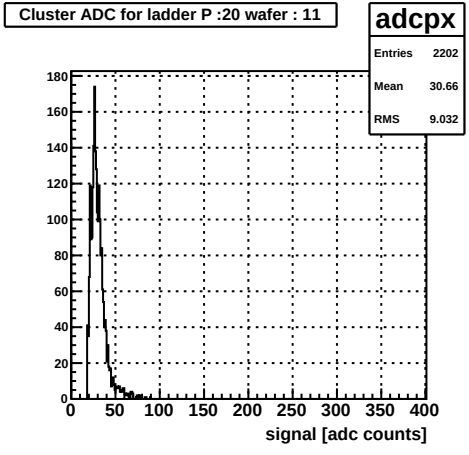

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 31899
Mean 23.64
RMS 6.431
signal [adc counts]

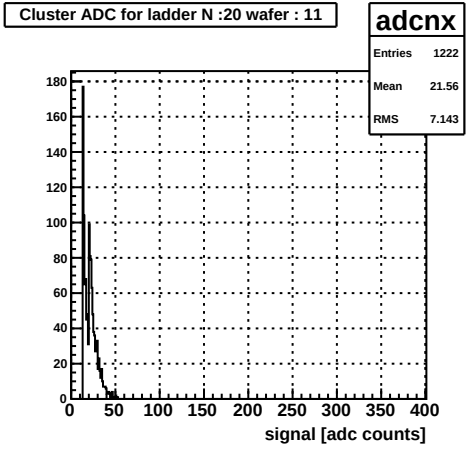

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4932
Mean 26.73
RMS 18.73
signal [adc counts]

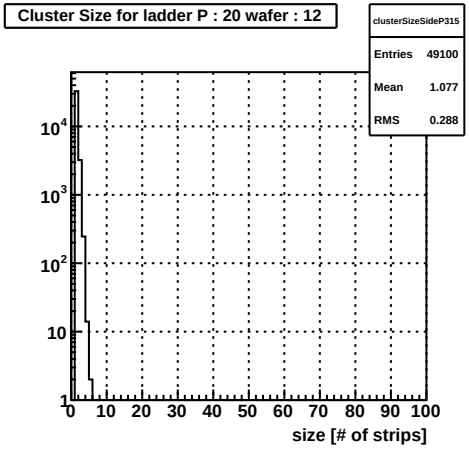

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2202
Mean 1.029
RMS 0.1707
size [# of strips]

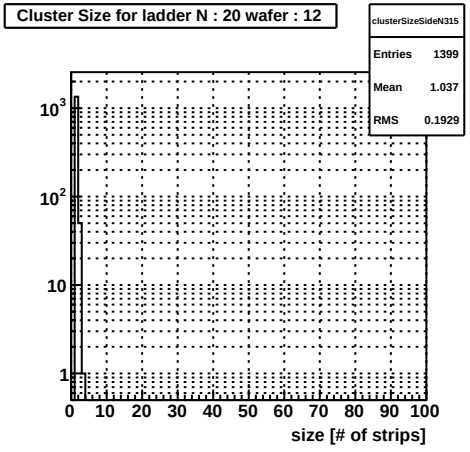

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1222
Mean 1.007
RMS 0.08065
size [# of strips]

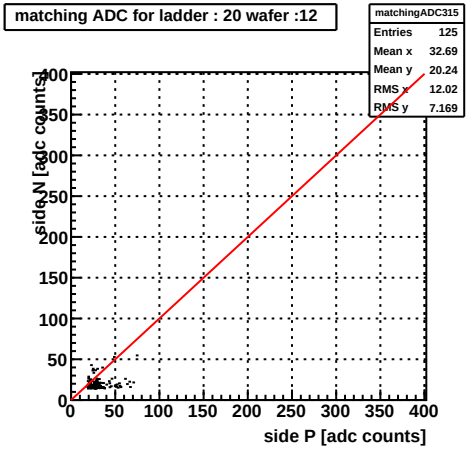

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

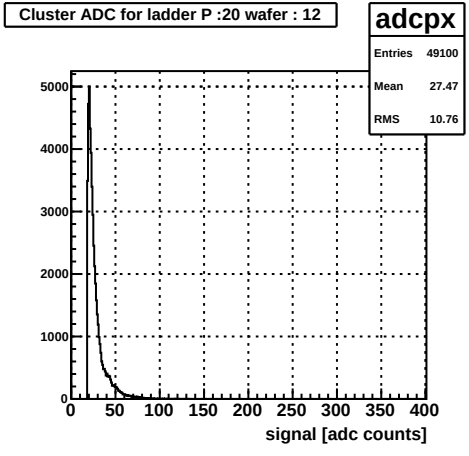

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2202
Mean 30.66
RMS 9.032
signal [adc counts]

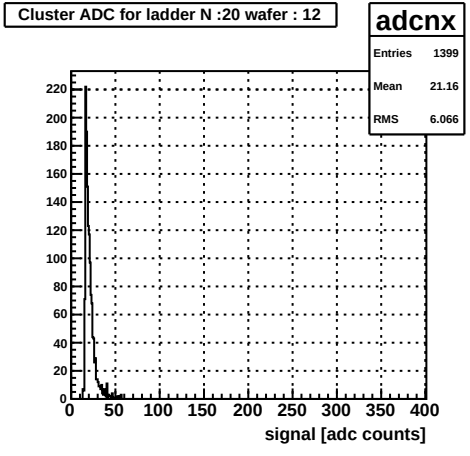

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1222
Mean 21.56
RMS 7.143
signal [adc counts]

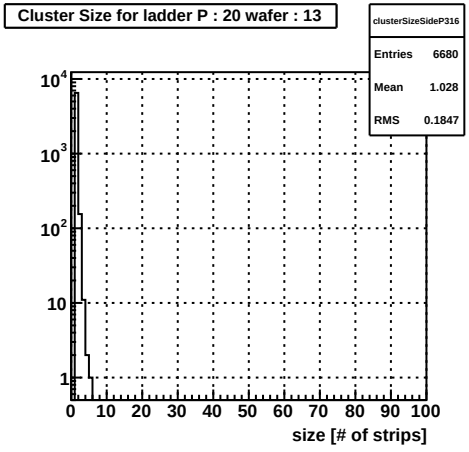

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 49100
Mean 1.077
RMS 0.288
size [# of strips]

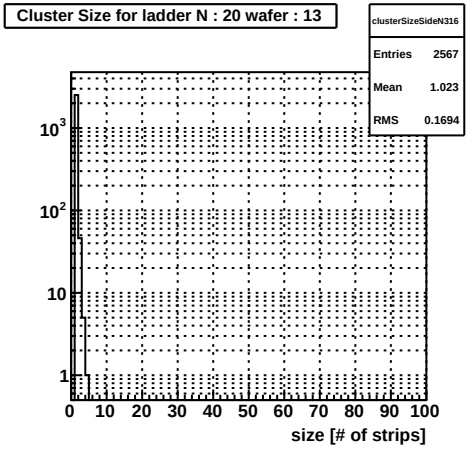

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1399
Mean 1.037
RMS 0.1929
size [# of strips]

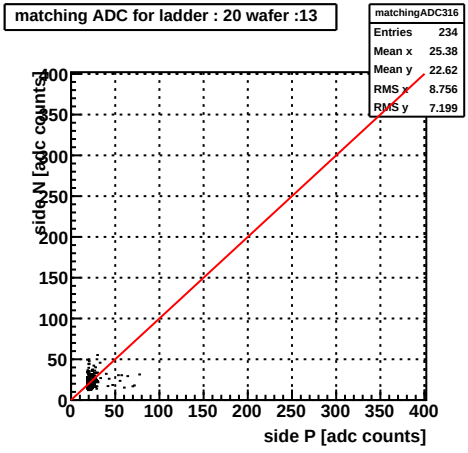

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 125
Mean x 32.69
Mean y 20.24
RMS x 12.02
RMS y 7.169
side N [adc counts]
side P [adc counts]

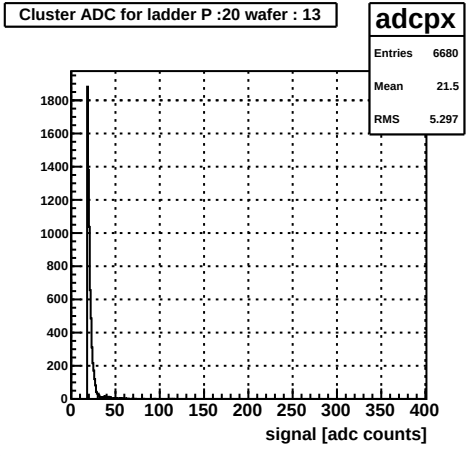

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 49100
Mean 27.47
RMS 10.76
signal [adc counts]

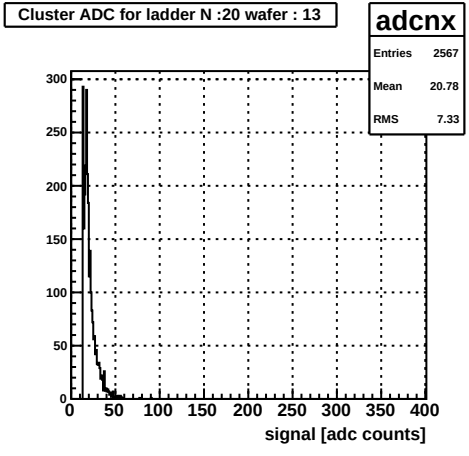

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1399
Mean 21.16
RMS 6.066
signal [adc counts]

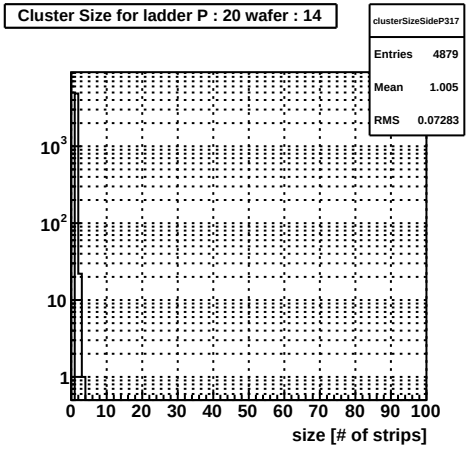

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6680
Mean 1.028
RMS 0.1847
size [# of strips]

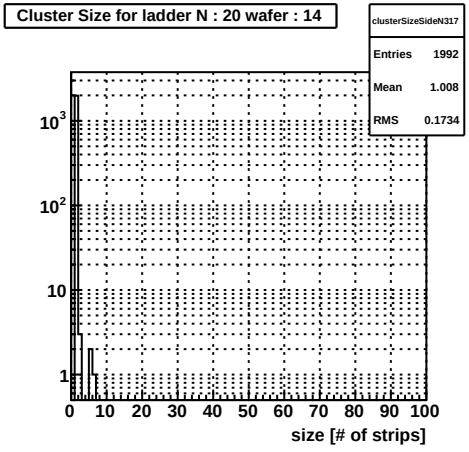

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2567
Mean 1.023
RMS 0.1694
size [# of strips]

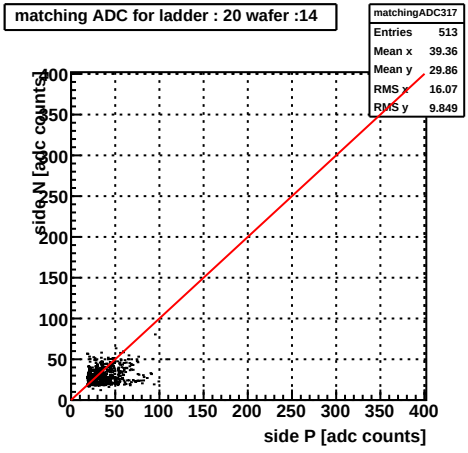

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 234
Mean x 25.38
Mean y 22.62
RMS x 8.756
RMS y 7.199
side N [adc counts]
side P [adc counts]

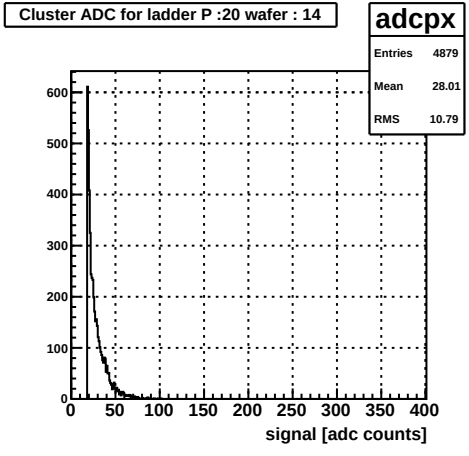

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6680
Mean 21.5
RMS 5.297
signal [adc counts]

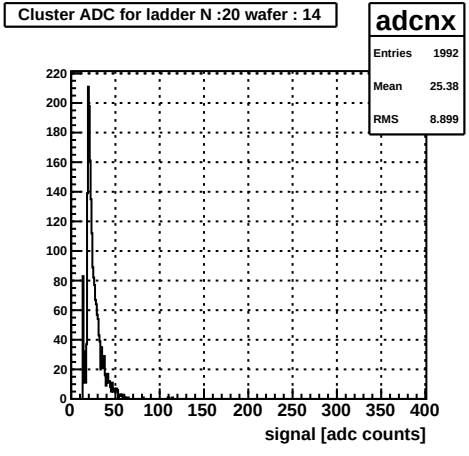

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2567
Mean 20.78
RMS 7.33
signal [adc counts]

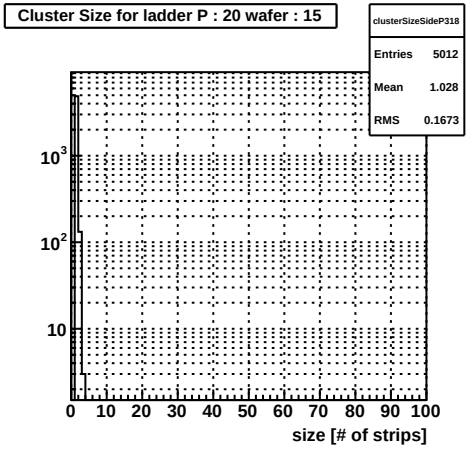

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 4879
Mean 1.005
RMS 0.07283
size [# of strips]

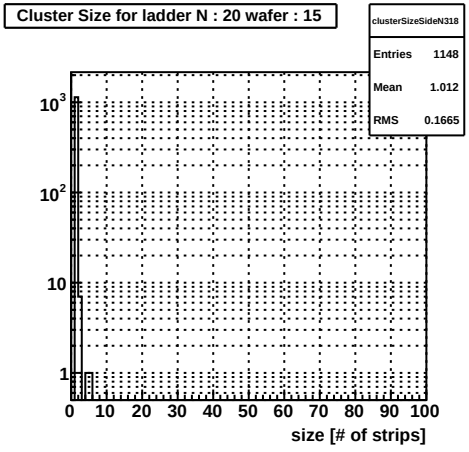

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1992
Mean 1.008
RMS 0.1734
size [# of strips]

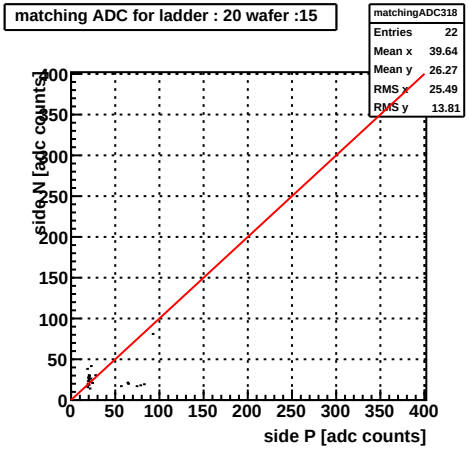

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 513
Mean x 39.36
Mean y 29.86
RMS x 16.07
RMS y 9.849
side N [adc counts]
side P [adc counts]

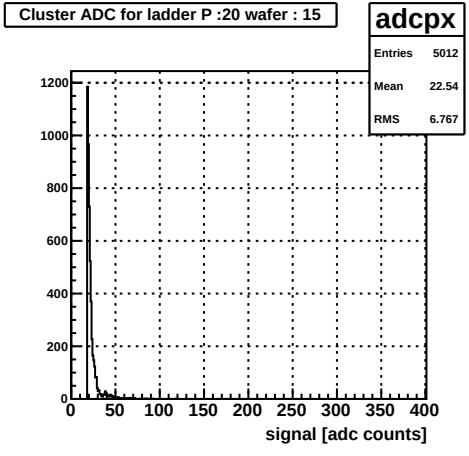

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 4879
Mean 28.01
RMS 10.79
signal [adc counts]

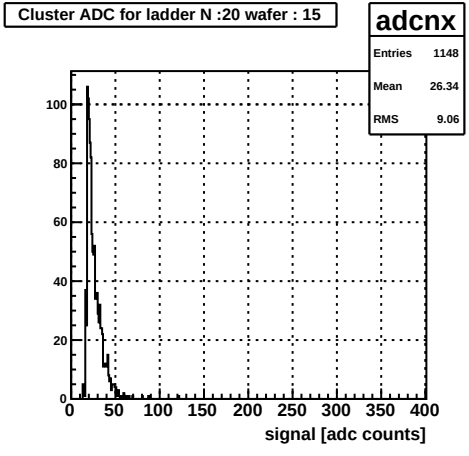

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1992
Mean 25.38
RMS 8.899
signal [adc counts]

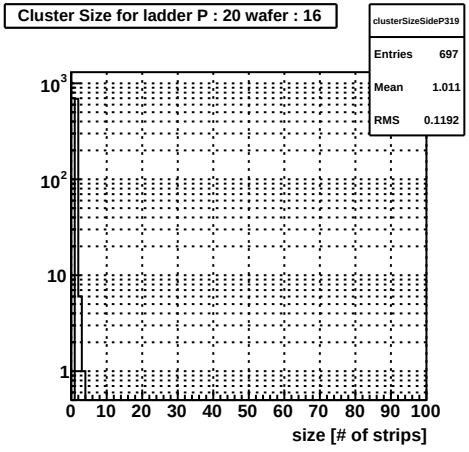

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5012
Mean 1.028
RMS 0.1673
size [# of strips]

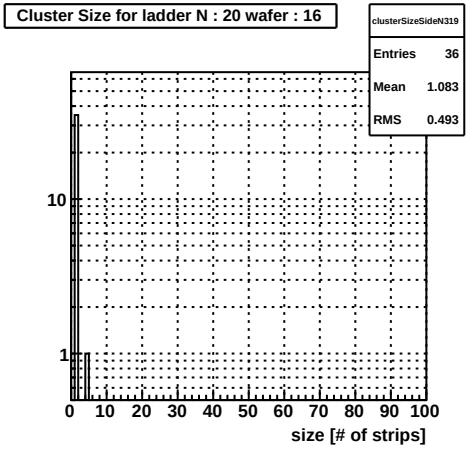

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1148
Mean 1.012
RMS 0.1665
size [# of strips]

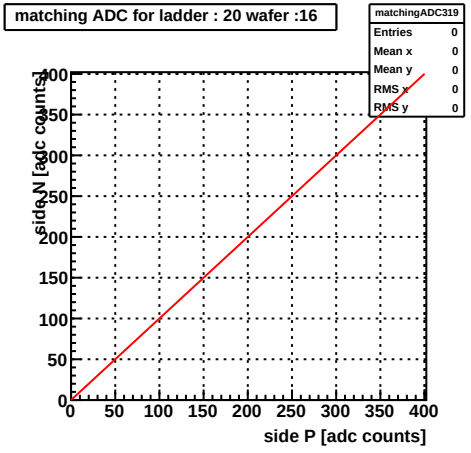

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 22
Mean x 39.64
Mean y 26.27
RMS x 25.49
RMS y 13.81
side N [adc counts]
side P [adc counts]

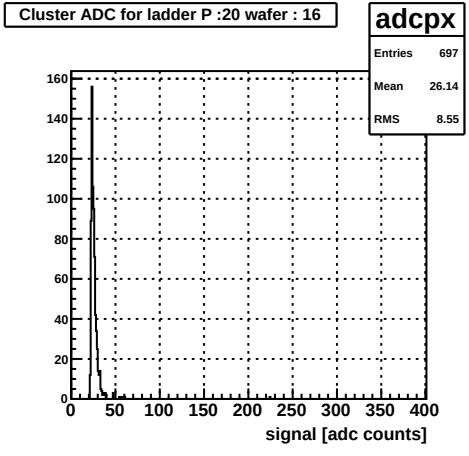

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5012
Mean 22.54
RMS 6.767
signal [adc counts]

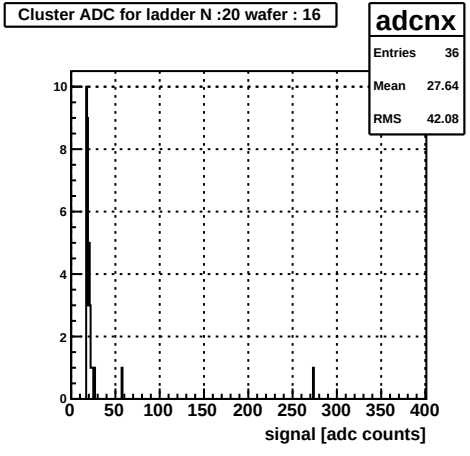

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1148
Mean 26.34
RMS 9.06
signal [adc counts]

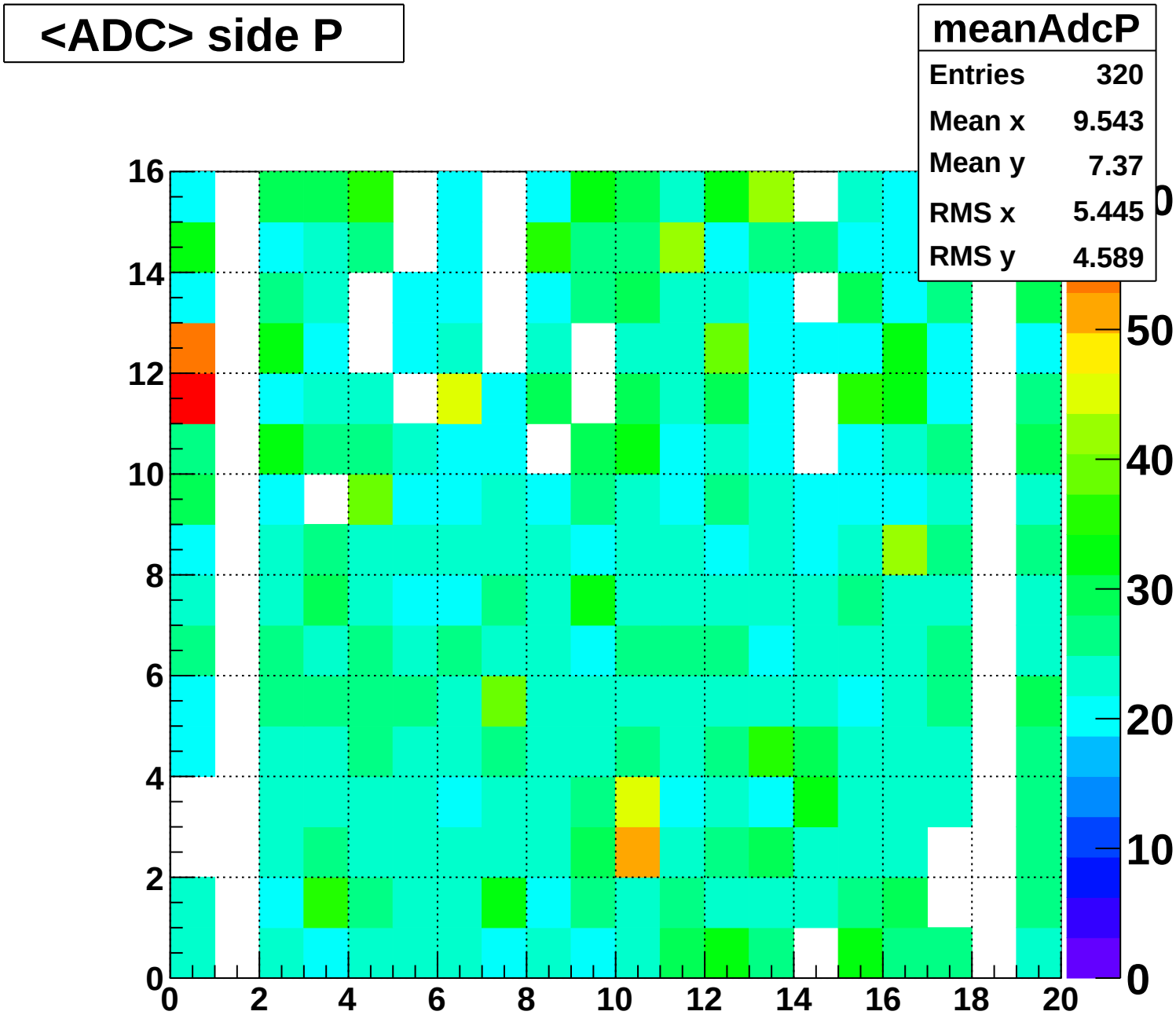

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 697
Mean 1.011
RMS 0.1192
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 36
Mean 1.083
RMS 0.493
size [# of strips]

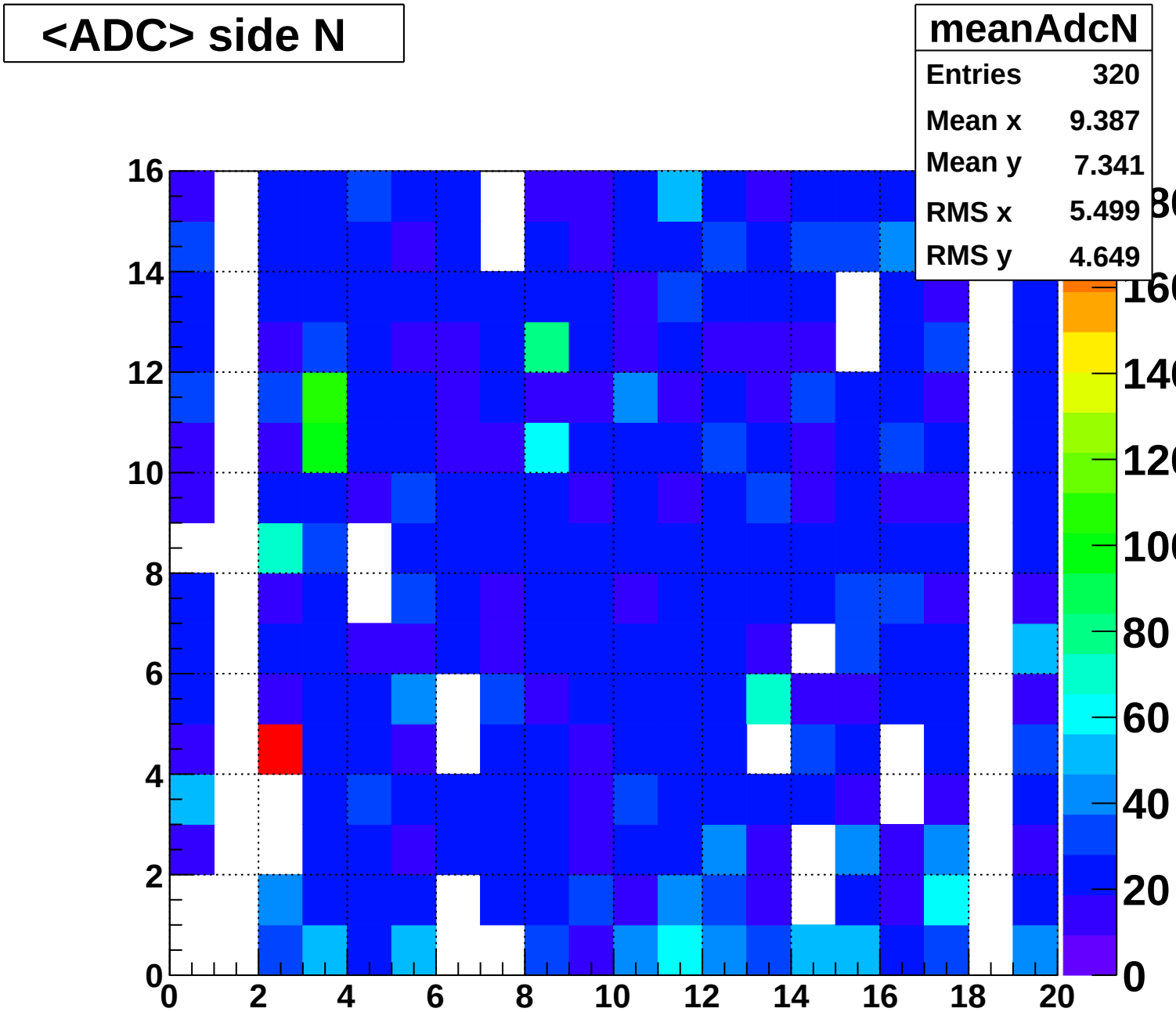

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 697
Mean 26.14
RMS 8.55
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 36
Mean 27.64
RMS 42.08
signal [adc counts]



2016-06-21 10:05:02



2016-06-21 10:05:02