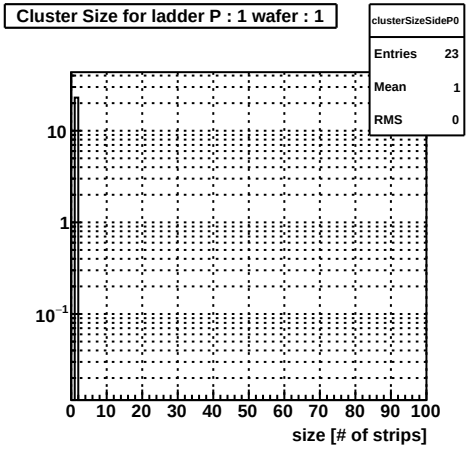
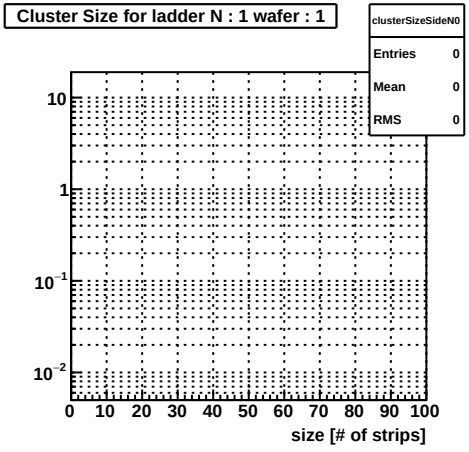
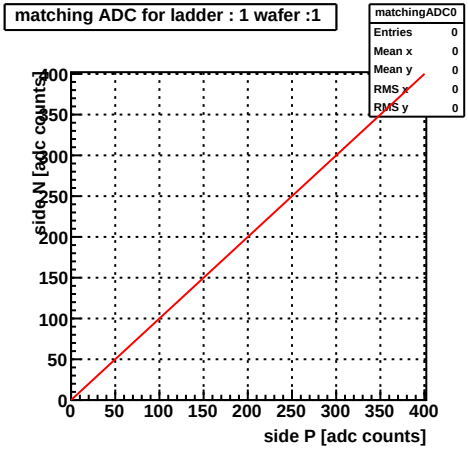
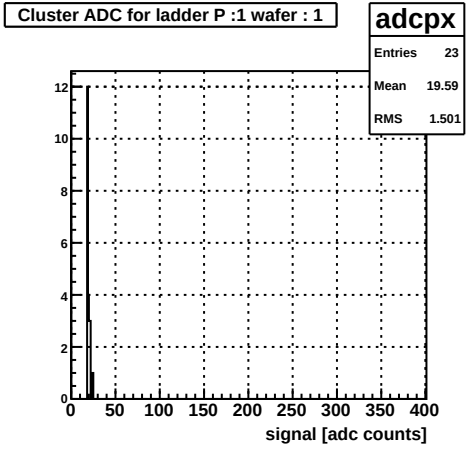
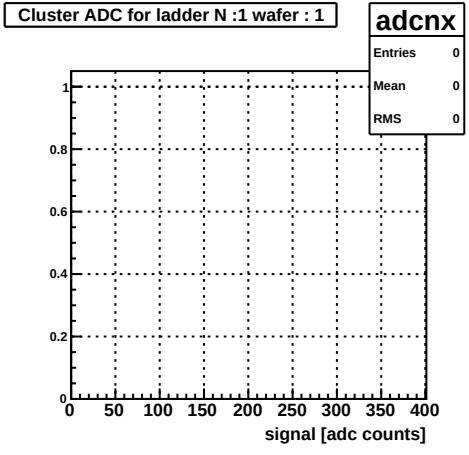
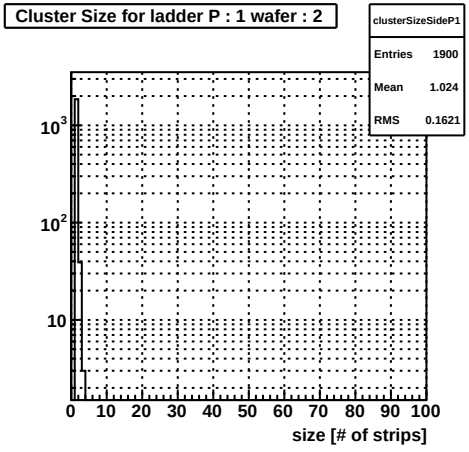

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 23
Mean 1
RMS 0
size [# of strips]

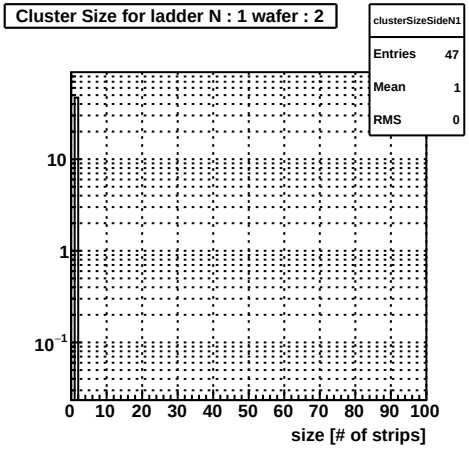

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

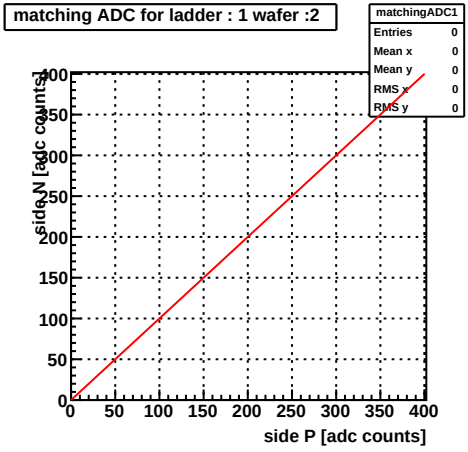

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

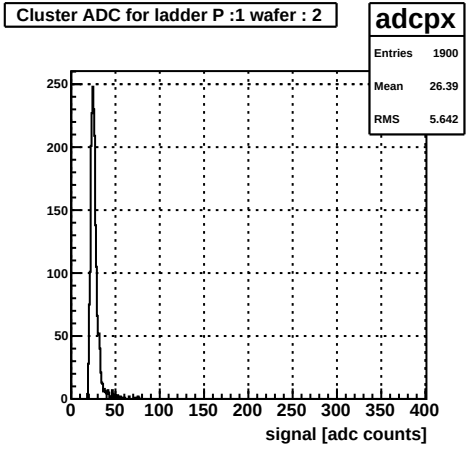

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 23
Mean 19.59
RMS 1.501
signal [adc counts]

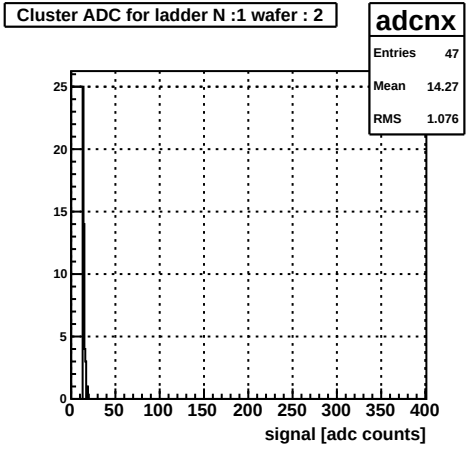

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

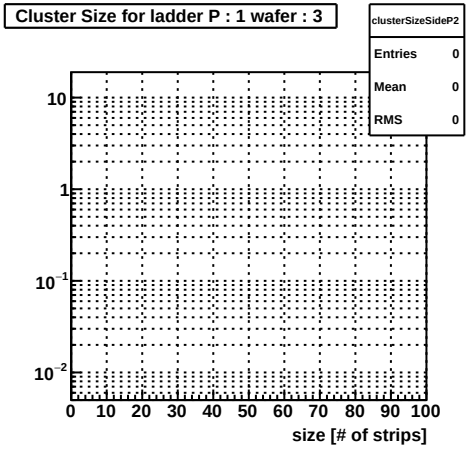

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1900
Mean 1.024
RMS 0.1621
size [# of strips]

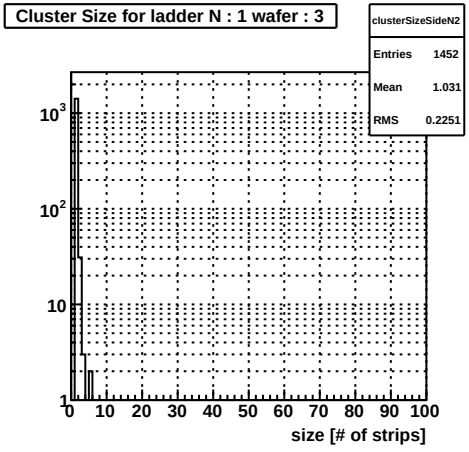

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 47
Mean 1
RMS 0
size [# of strips]

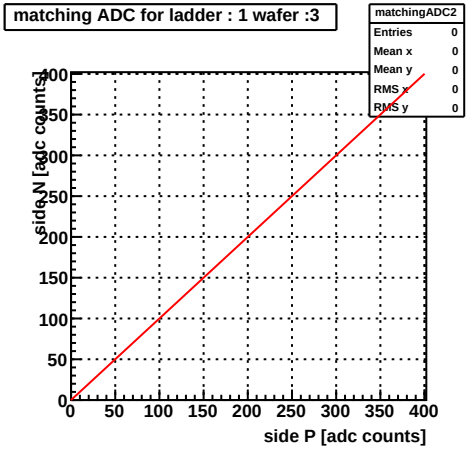

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

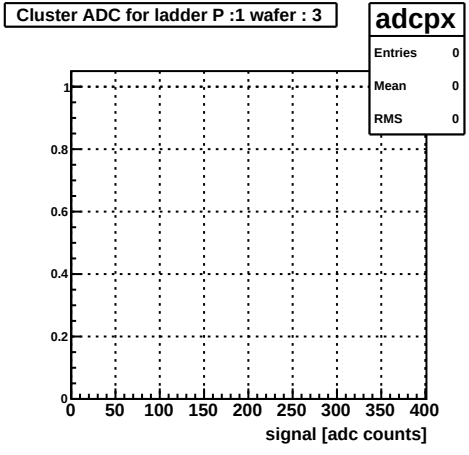

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1900
Mean 26.39
RMS 5.642
signal [adc counts]

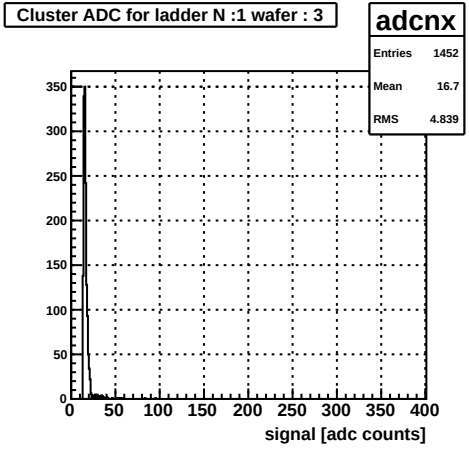

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 47
Mean 14.27
RMS 1.076
signal [adc counts]

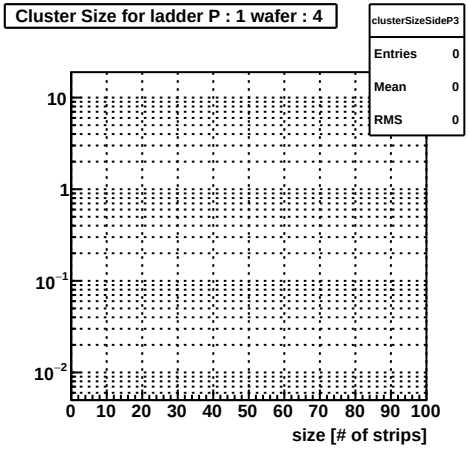

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

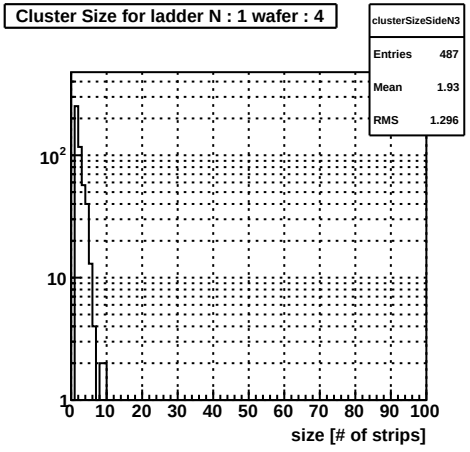

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1452
Mean 1.031
RMS 0.2251
size [# of strips]

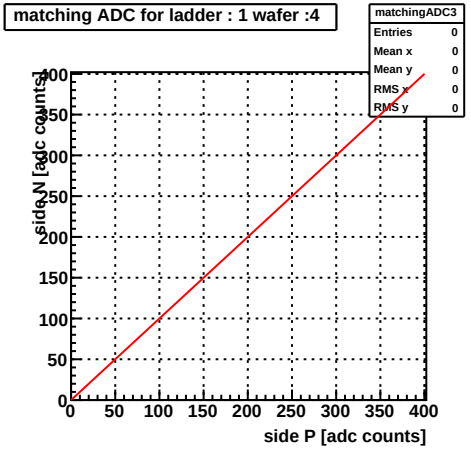

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

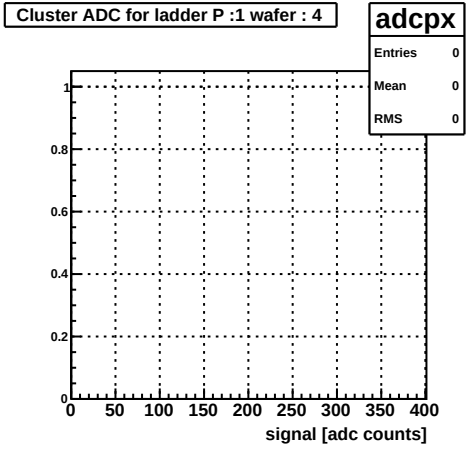

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

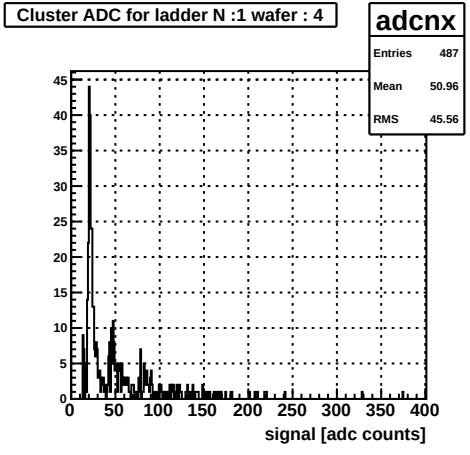

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1452
Mean 16.7
RMS 4.839
signal [adc counts]

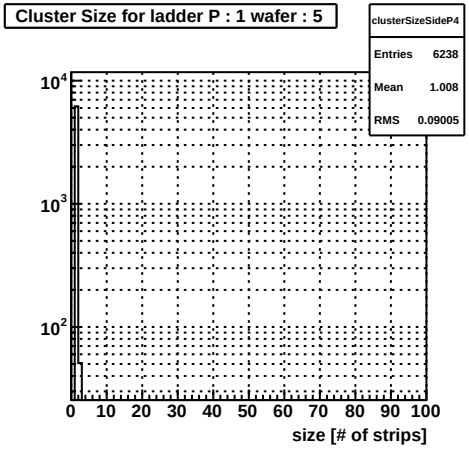

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

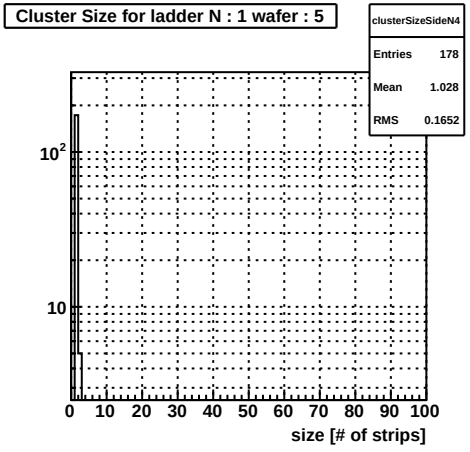

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 487
Mean 1.93
RMS 1.296
size [# of strips]

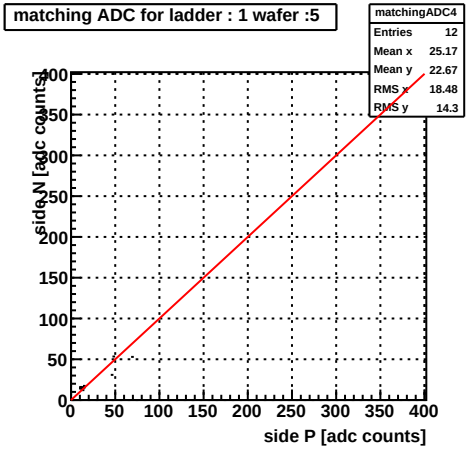

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

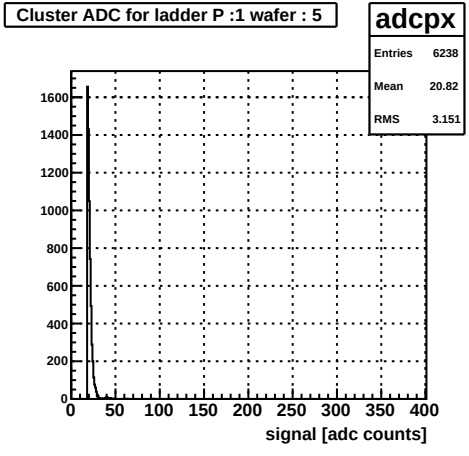

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

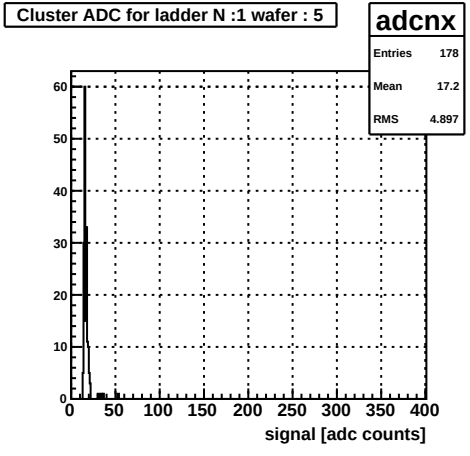

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 487
Mean 50.96
RMS 45.56
signal [adc counts]

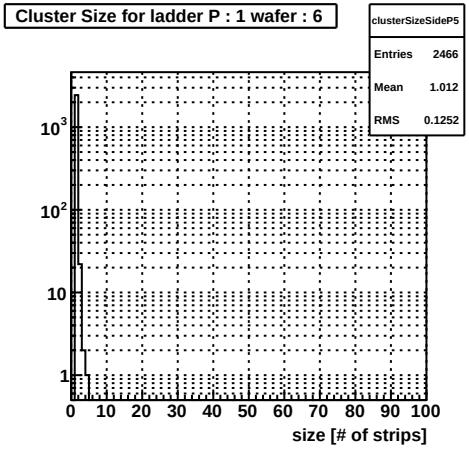

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6238
Mean 1.008
RMS 0.09005
size [# of strips]

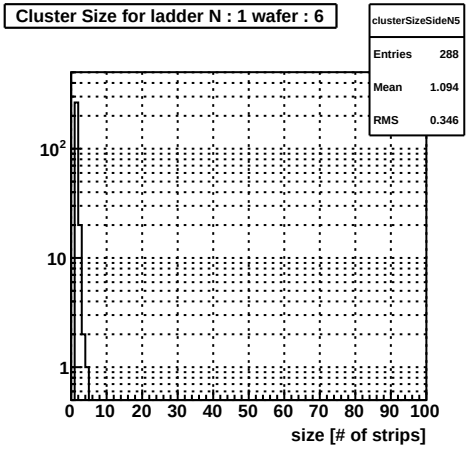

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 178
Mean 1.028
RMS 0.1652
size [# of strips]

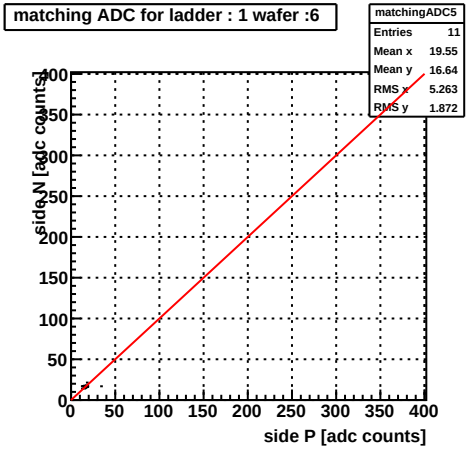

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 12
Mean x 25.17
Mean y 22.67
RMS x 18.48
RMS y 14.3
side N [adc counts]
side P [adc counts]

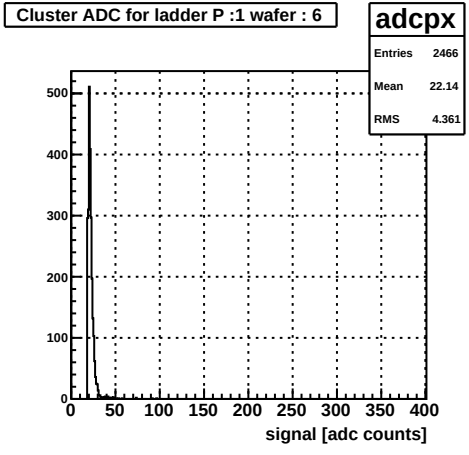

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6238
Mean 20.82
RMS 3.151
signal [adc counts]

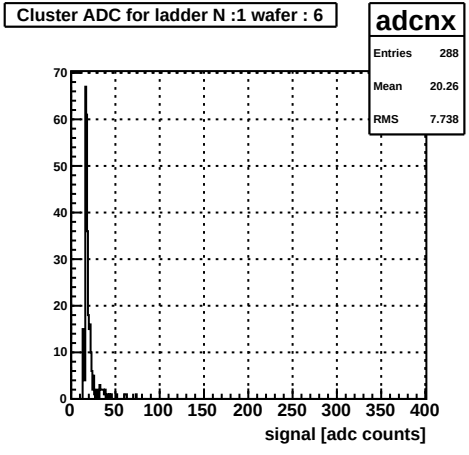

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 178
Mean 17.2
RMS 4.897
signal [adc counts]

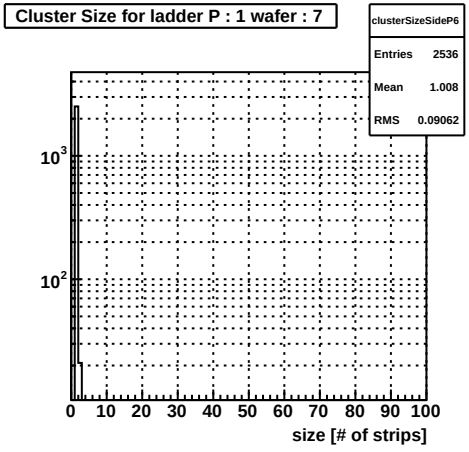

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2466
Mean 1.012
RMS 0.1252
size [# of strips]

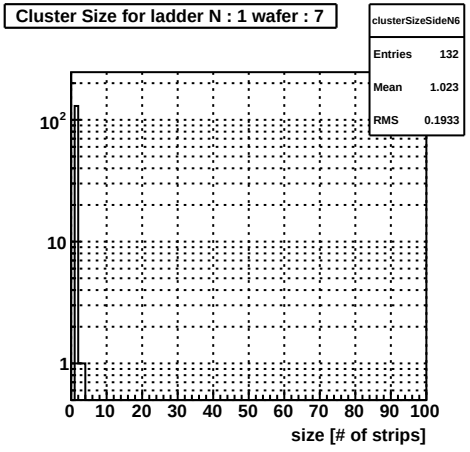

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 288
Mean 1.094
RMS 0.346
size [# of strips]

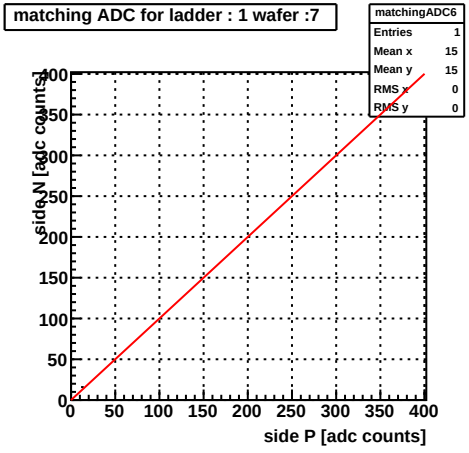

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 11
Mean x 19.55
Mean y 16.64
RMS x 5.263
RMS y 1.872
side N [adc counts]
side P [adc counts]

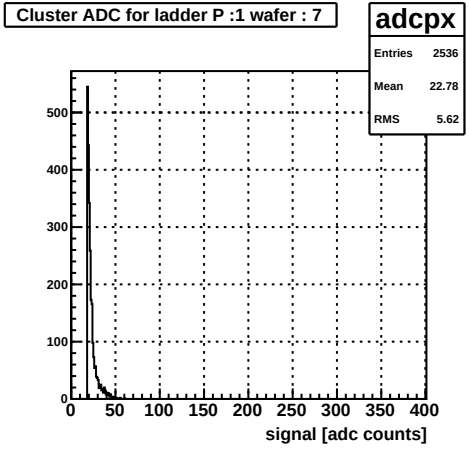

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2466
Mean 22.14
RMS 4.361
signal [adc counts]

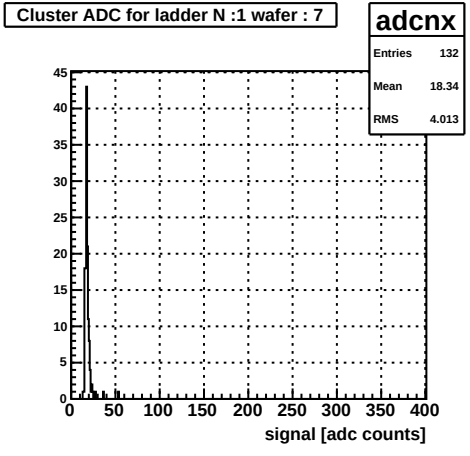

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 288
Mean 20.26
RMS 7.738
signal [adc counts]

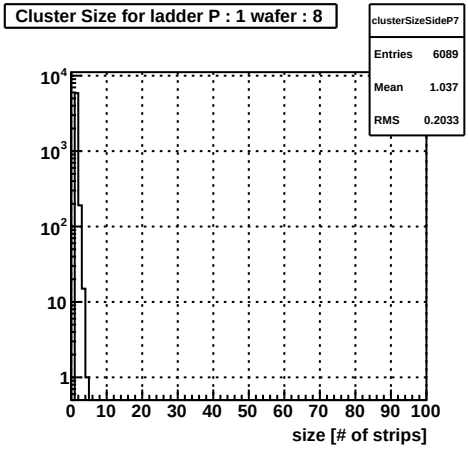

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 2536
Mean 1.008
RMS 0.09062
size [# of strips]

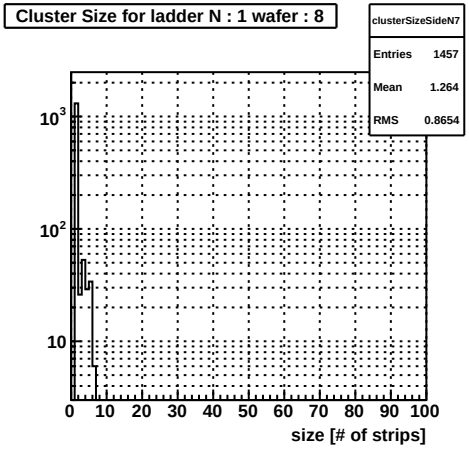

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 132
Mean 1.023
RMS 0.1933
size [# of strips]

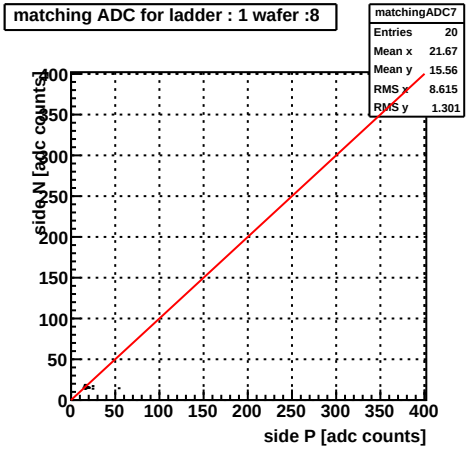

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 1
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

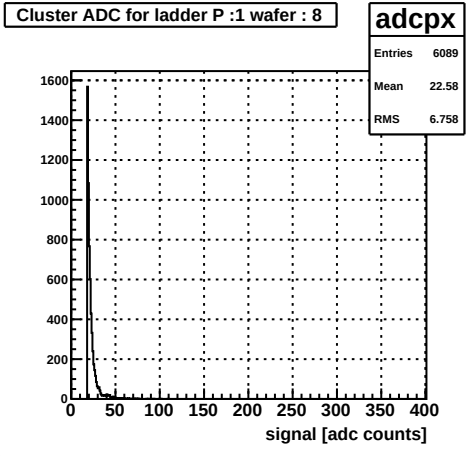

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 2536
Mean 22.78
RMS 5.62
signal [adc counts]

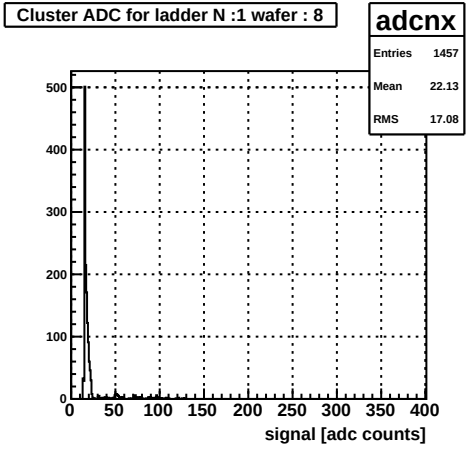

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 132
Mean 18.34
RMS 4.013
signal [adc counts]

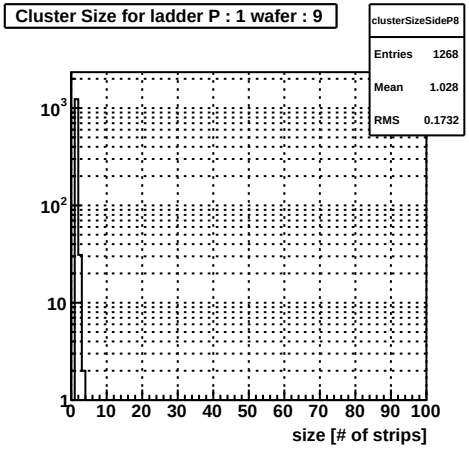

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6089
Mean 1.037
RMS 0.2033
size [# of strips]

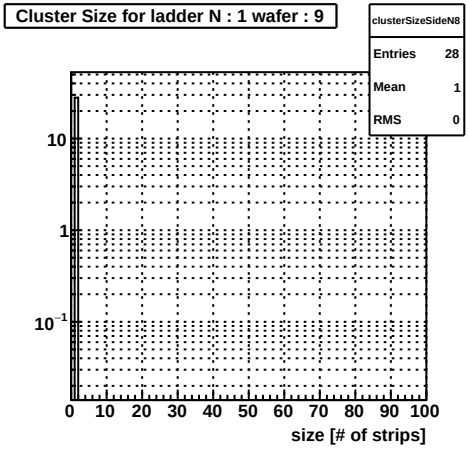

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1457
Mean 1.264
RMS 0.8654
size [# of strips]

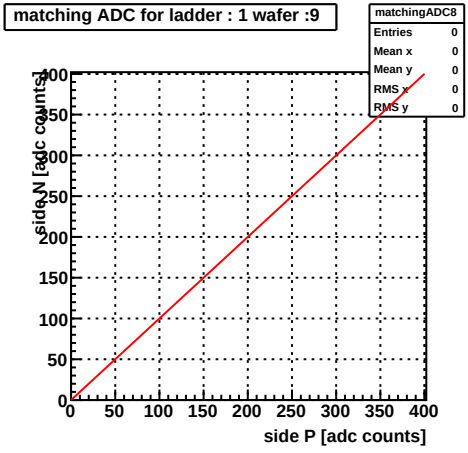

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 20
Mean x 21.67
Mean y 15.56
RMS x 8.615
RMS y 1.301
side N [adc counts]
side P [adc counts]

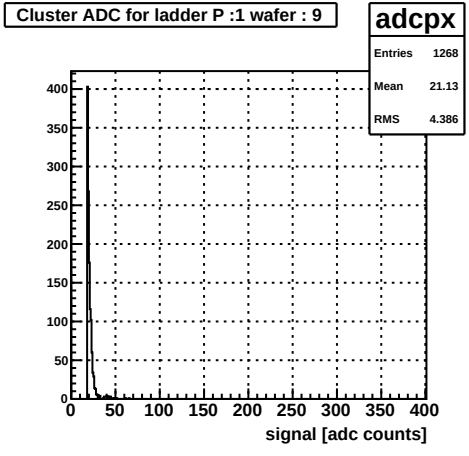

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6089
Mean 22.58
RMS 6.758
signal [adc counts]

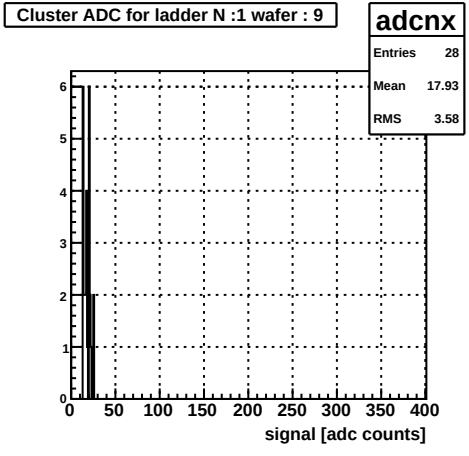

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1457
Mean 22.13
RMS 17.08
signal [adc counts]

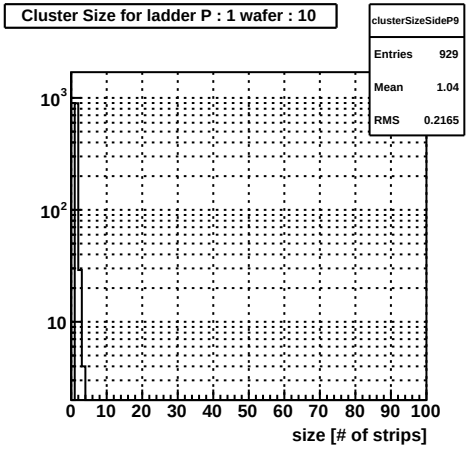

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1268
Mean 1.028
RMS 0.1732
size [# of strips]

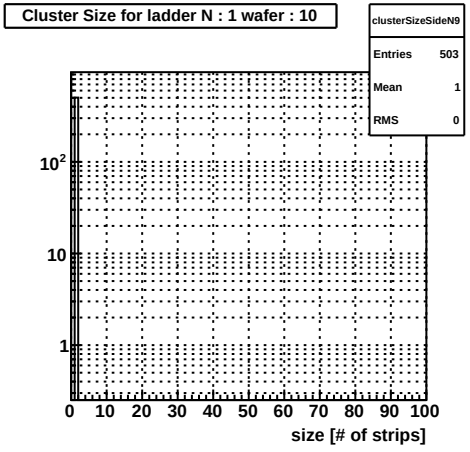

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 28
Mean 1
RMS 0
size [# of strips]

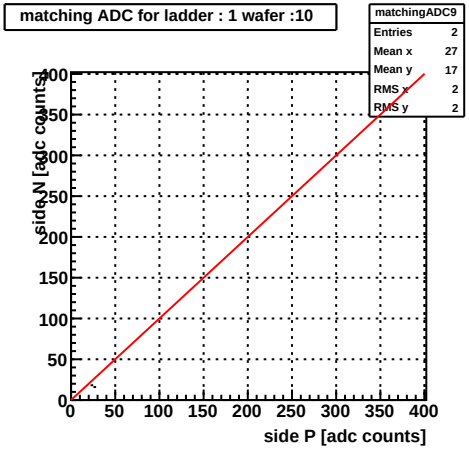

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

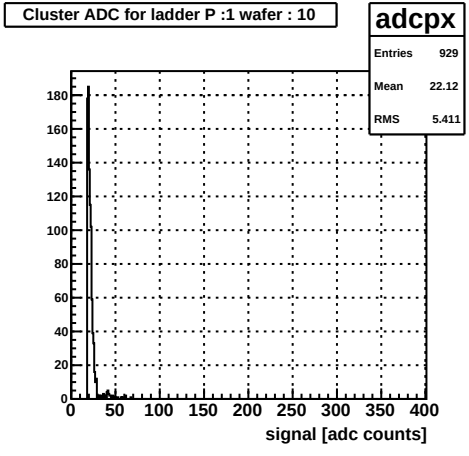

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1268
Mean 21.13
RMS 4.386
signal [adc counts]

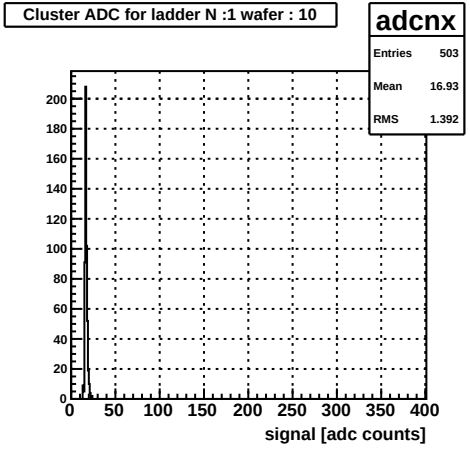

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 28
Mean 17.93
RMS 3.58
signal [adc counts]

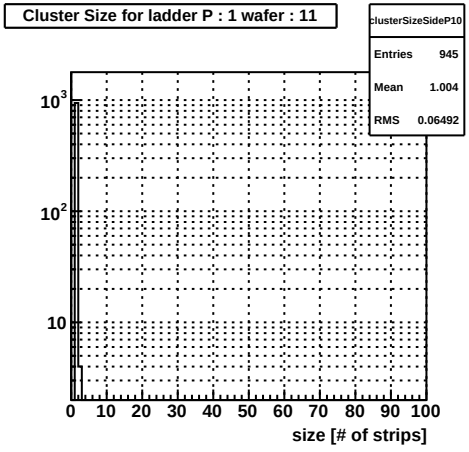

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 929
Mean 1.04
RMS 0.2165
size [# of strips]

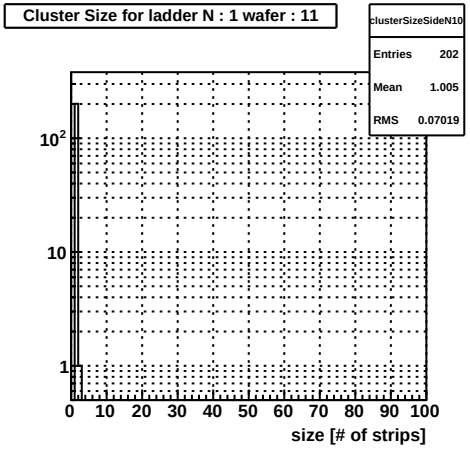

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 503
Mean 1
RMS 0
size [# of strips]

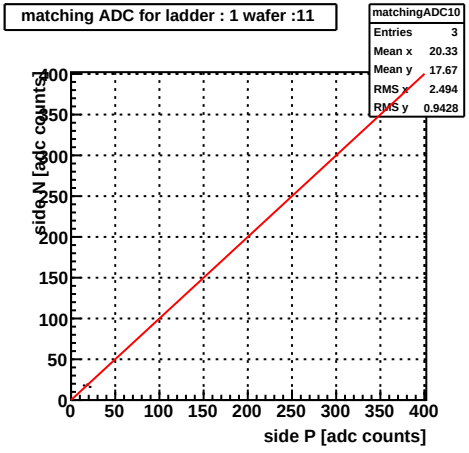

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 2
Mean x 27
Mean y 17
RMS x 2
RMS y 2
side N [adc counts]
side P [adc counts]

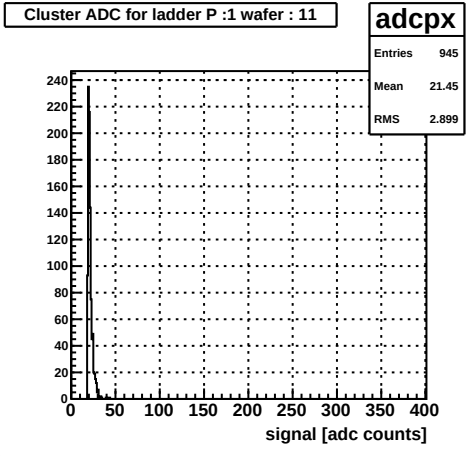

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 929
Mean 22.12
RMS 5.411
signal [adc counts]

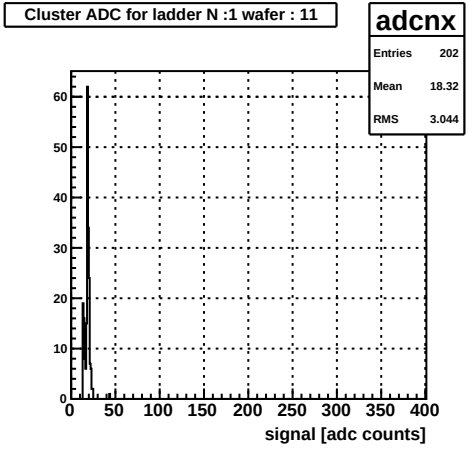

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 503
Mean 16.93
RMS 1.392
signal [adc counts]

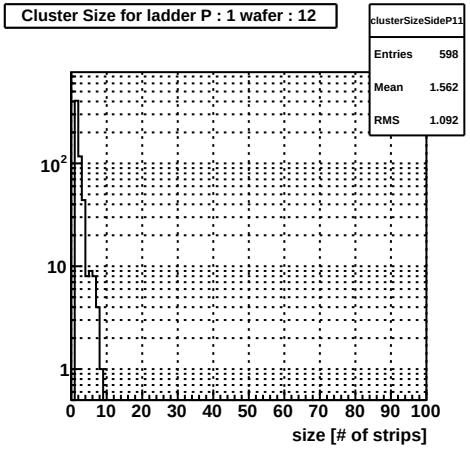

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 945
Mean 1.004
RMS 0.06492
size [# of strips]

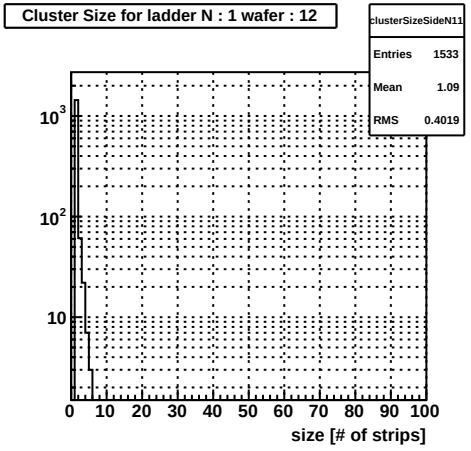

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 202
Mean 1.005
RMS 0.07019
size [# of strips]

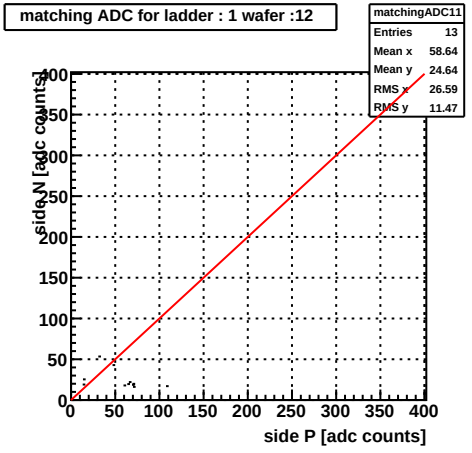

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 3
Mean x 20.33
Mean y 17.67
RMS x 2.494
RMS y 0.9428
side N [adc counts]
side P [adc counts]

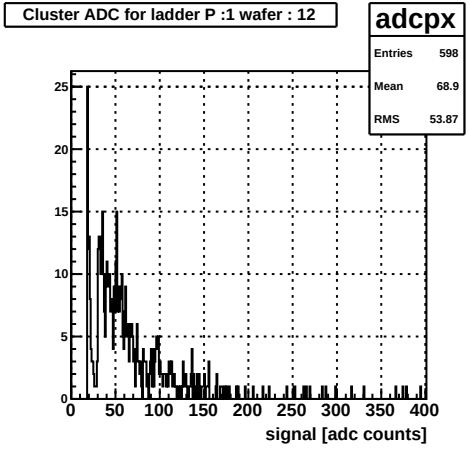

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 945
Mean 21.45
RMS 2.899
signal [adc counts]

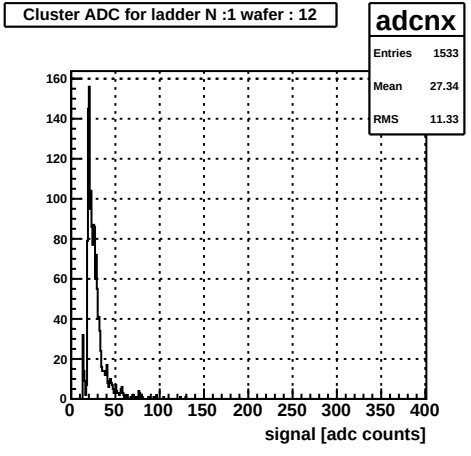

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 202
Mean 18.32
RMS 3.044
signal [adc counts]

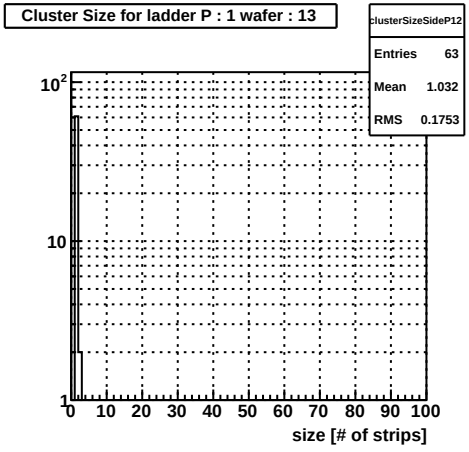

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 598
Mean 1.562
RMS 1.092
size [# of strips]

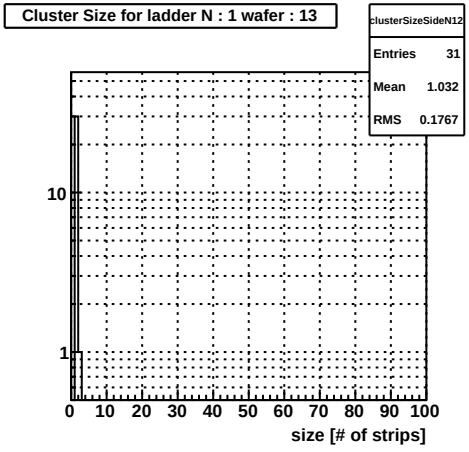

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 1533
Mean 1.09
RMS 0.4019
size [# of strips]

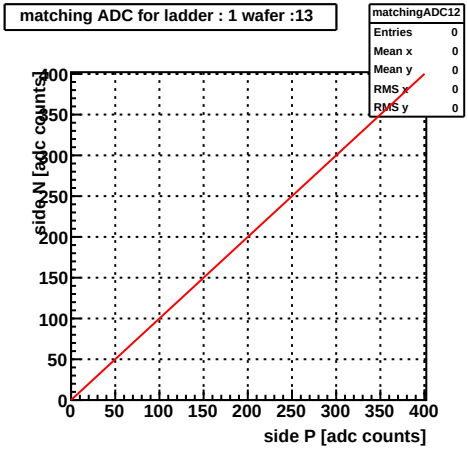

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 13
Mean x 58.64
Mean y 24.64
RMS x 26.59
RMS y 11.47
side N [adc counts]
side P [adc counts]

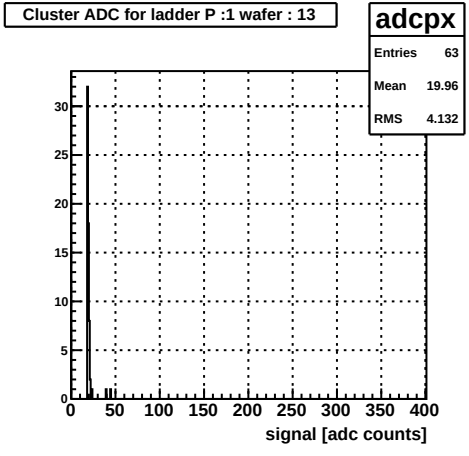

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 598
Mean 68.9
RMS 53.87
signal [adc counts]

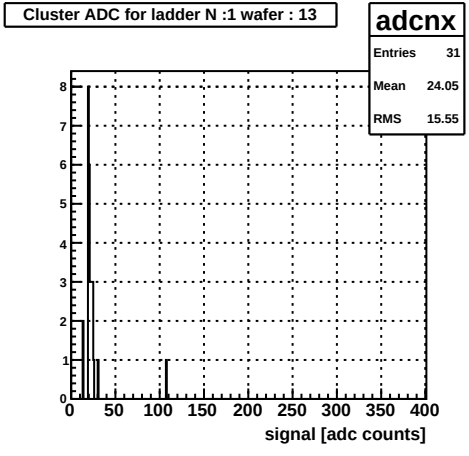

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 1533
Mean 27.34
RMS 11.33
signal [adc counts]

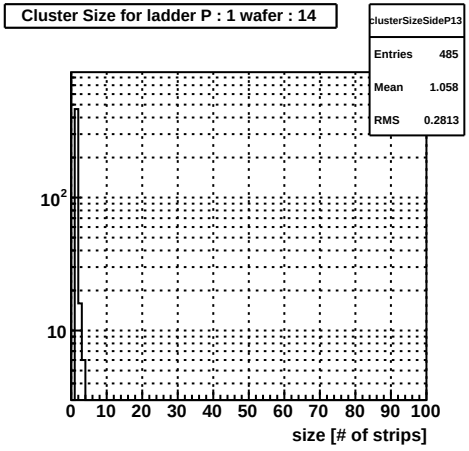

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 63
Mean 1.032
RMS 0.1753
size [# of strips]

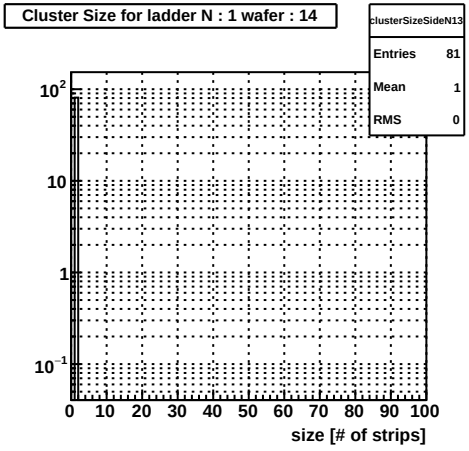

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 31
Mean 1.032
RMS 0.1767
size [# of strips]

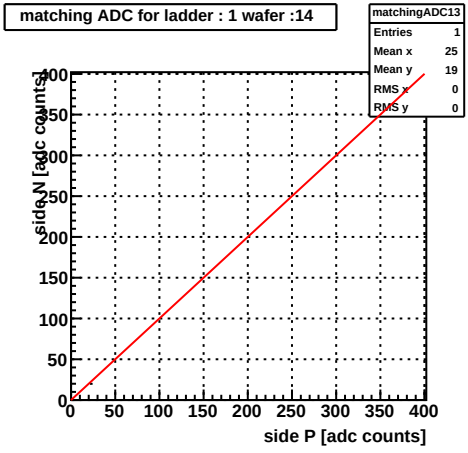

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

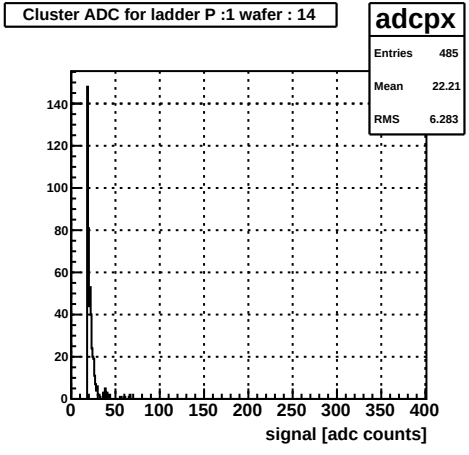

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 63
Mean 19.96
RMS 4.132
signal [adc counts]

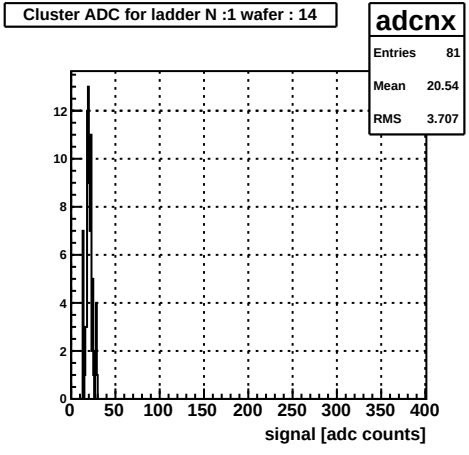

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 31
Mean 24.05
RMS 15.55
signal [adc counts]

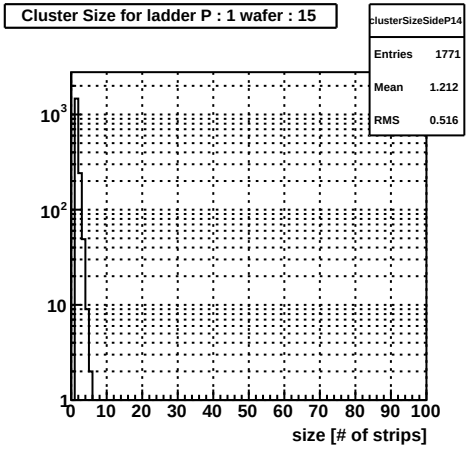

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 485
Mean 1.058
RMS 0.2813
size [# of strips]

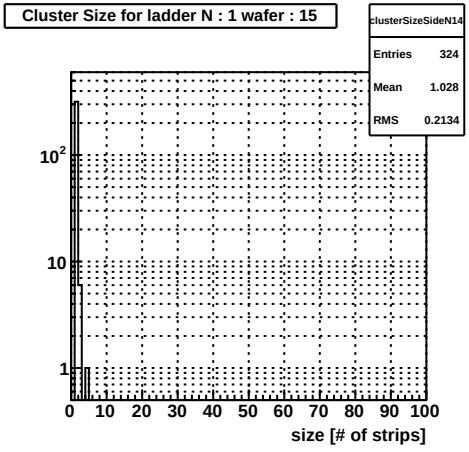

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 81
Mean 1
RMS 0
size [# of strips]

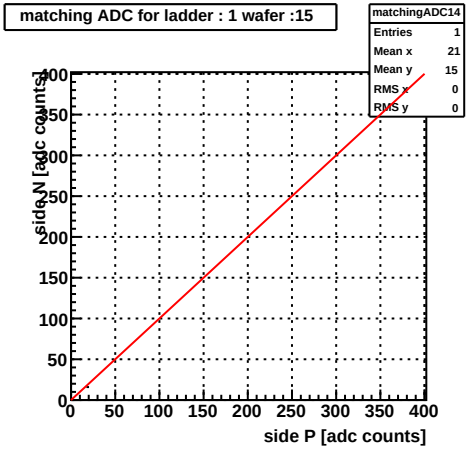

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1
Mean x 25
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

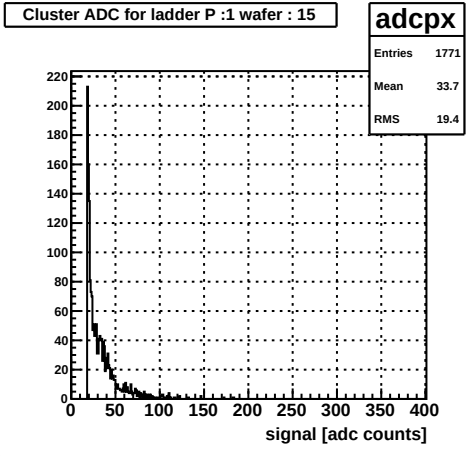

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 485
Mean 22.21
RMS 6.283
signal [adc counts]

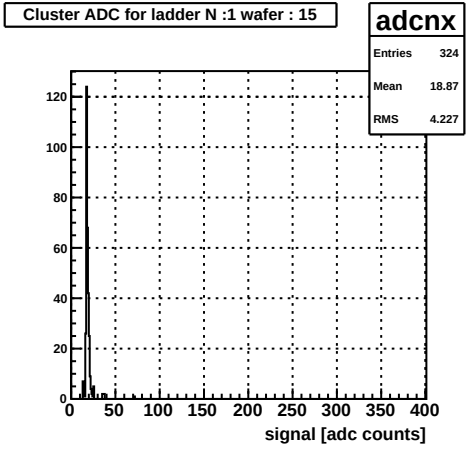

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 81
Mean 20.54
RMS 3.707
signal [adc counts]

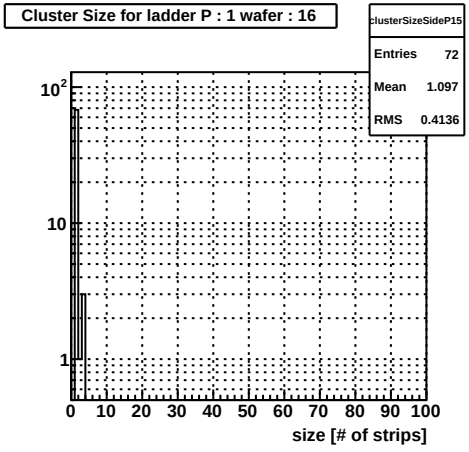

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1771
Mean 1.212
RMS 0.516
size [# of strips]

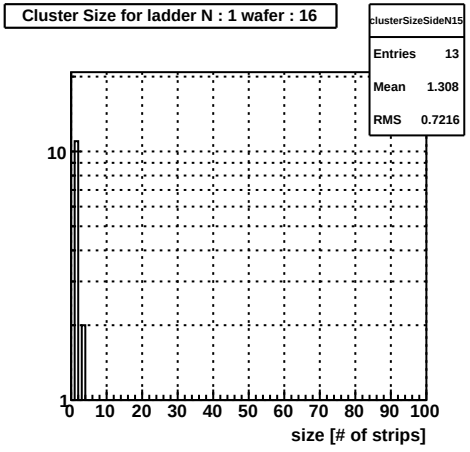

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 324
Mean 1.028
RMS 0.2134
size [# of strips]

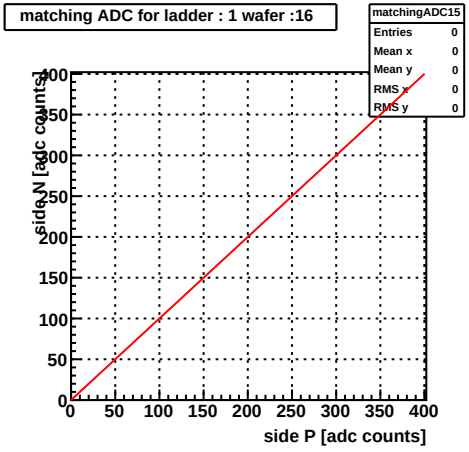

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

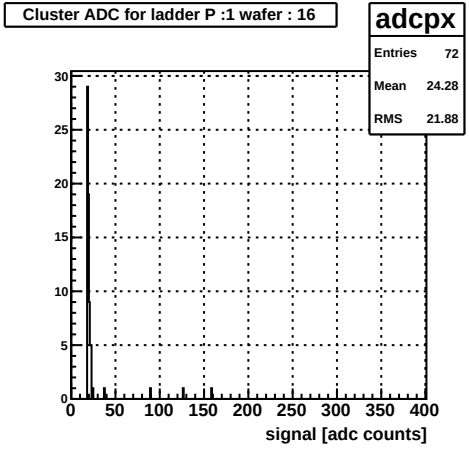

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1771
Mean 33.7
RMS 19.4
signal [adc counts]

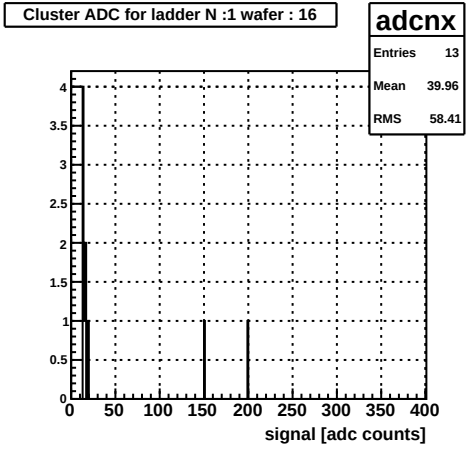

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 324
Mean 18.87
RMS 4.227
signal [adc counts]

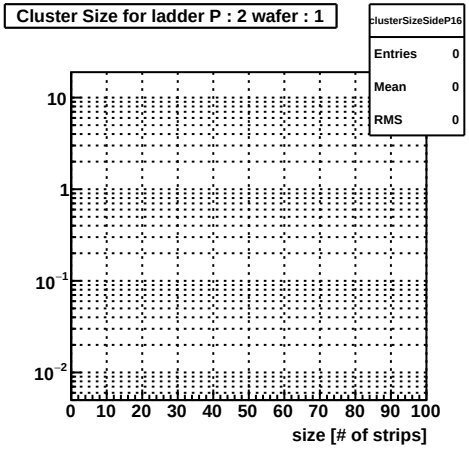

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 72
Mean 1.097
RMS 0.4136
size [# of strips]

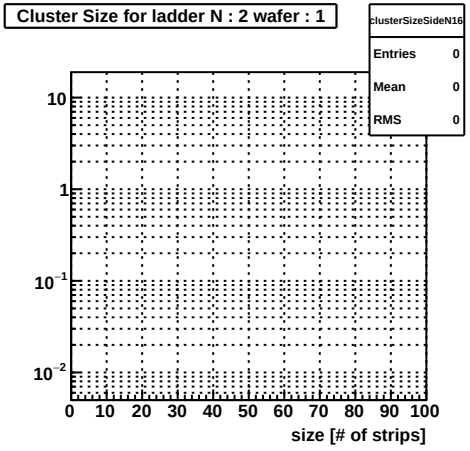

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 13
Mean 1.308
RMS 0.7216
size [# of strips]

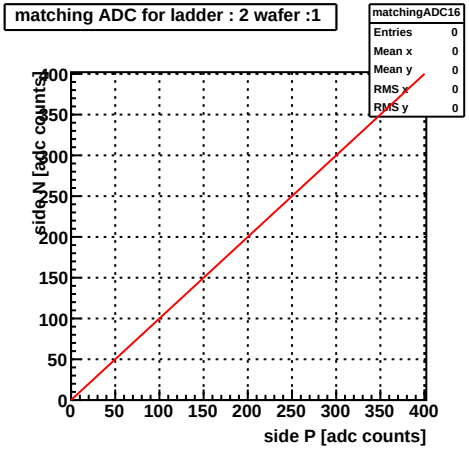

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

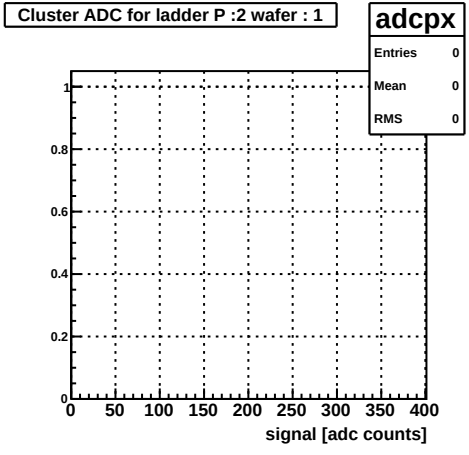

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 72
Mean 24.28
RMS 21.88
signal [adc counts]

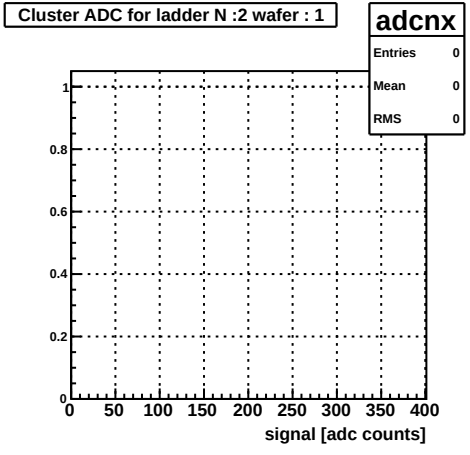

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 13
Mean 39.96
RMS 58.41
signal [adc counts]

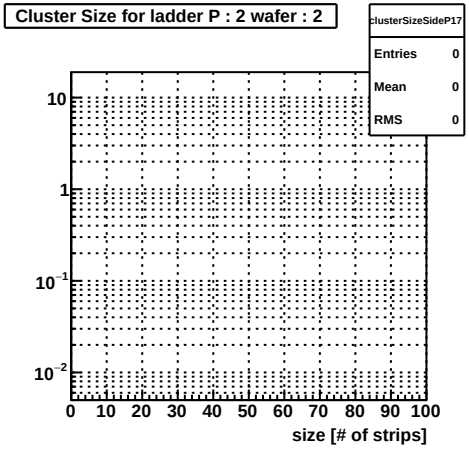

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

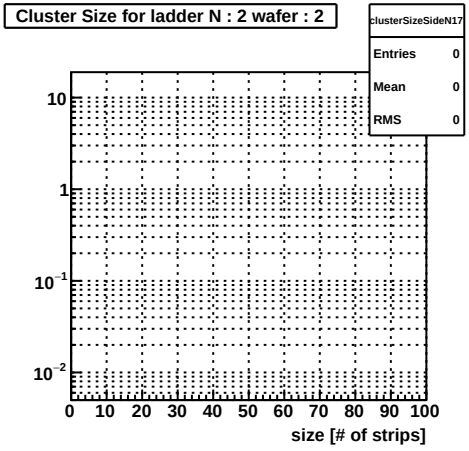

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

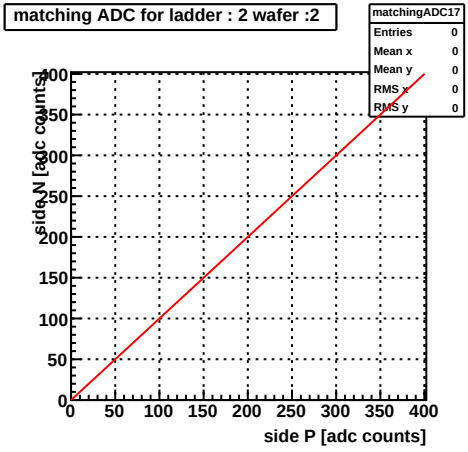

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

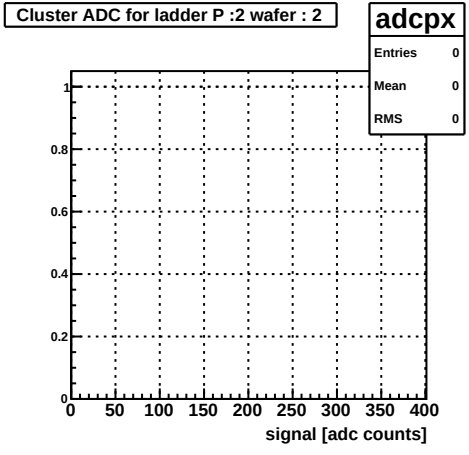

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

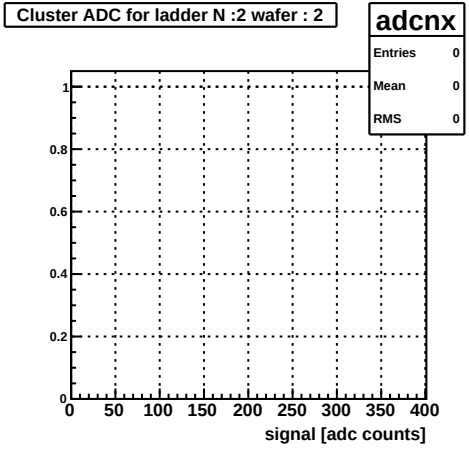

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

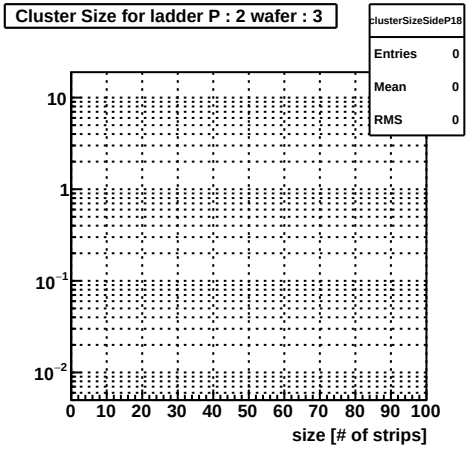

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

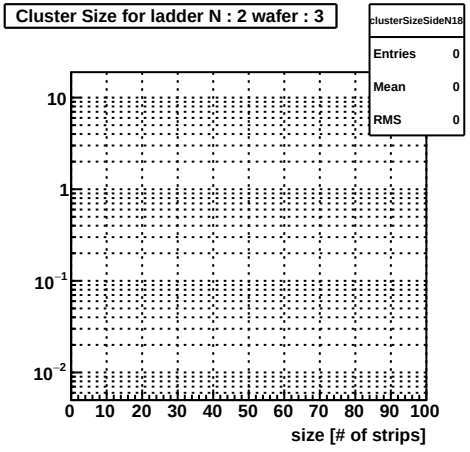

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

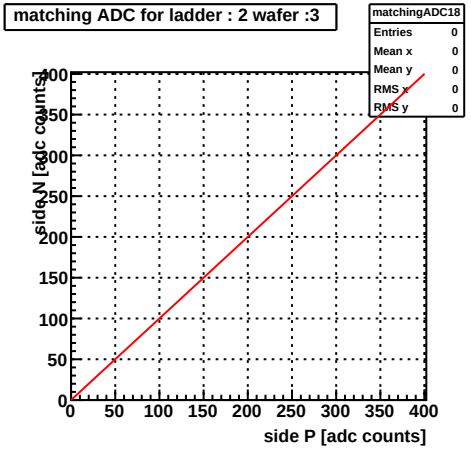

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

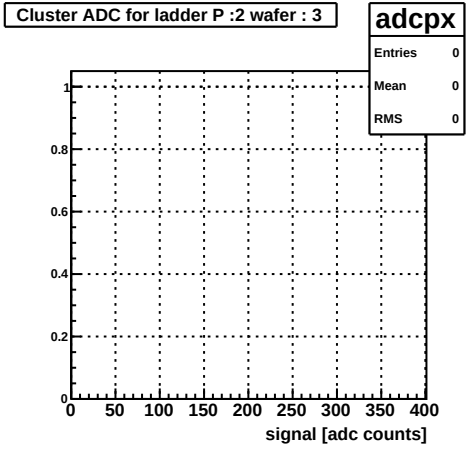

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

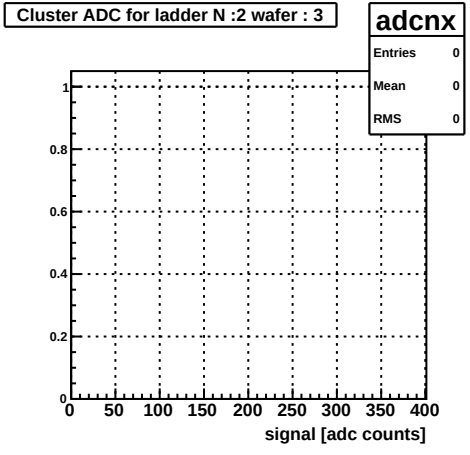

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

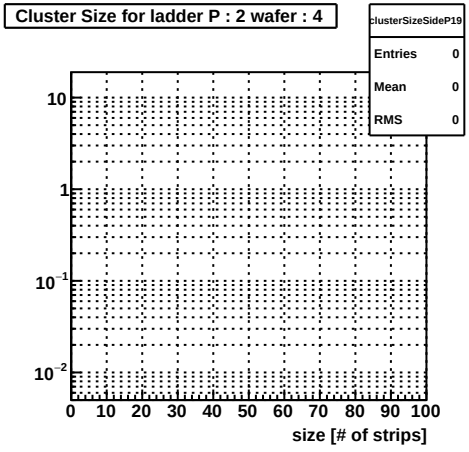

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

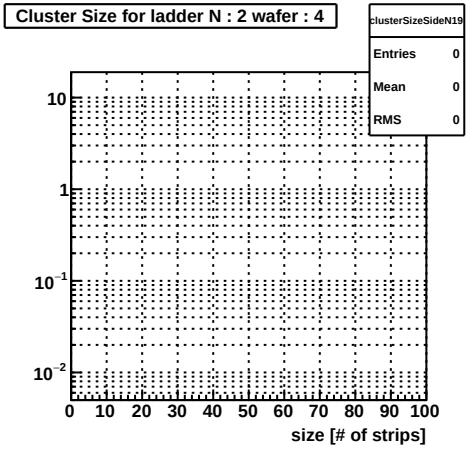

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

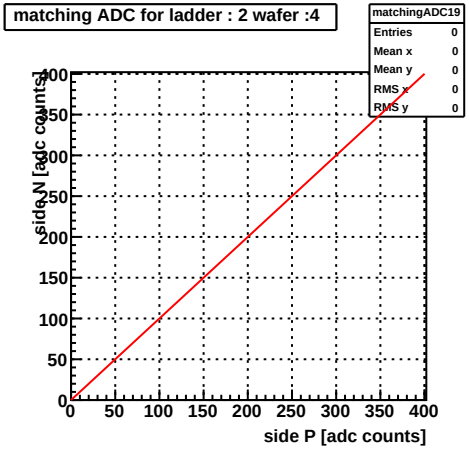

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

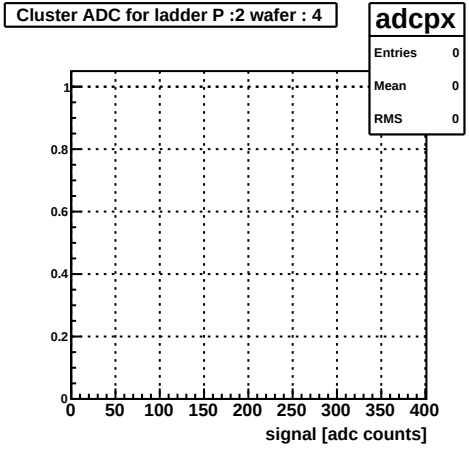

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

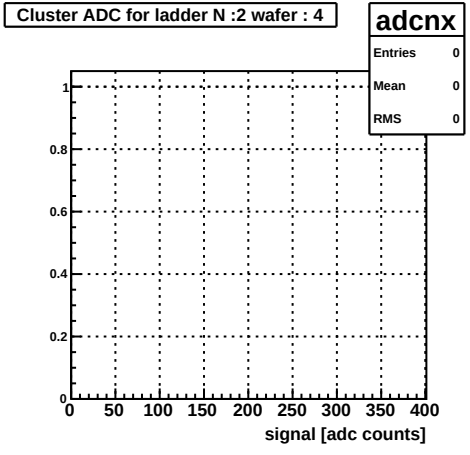

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

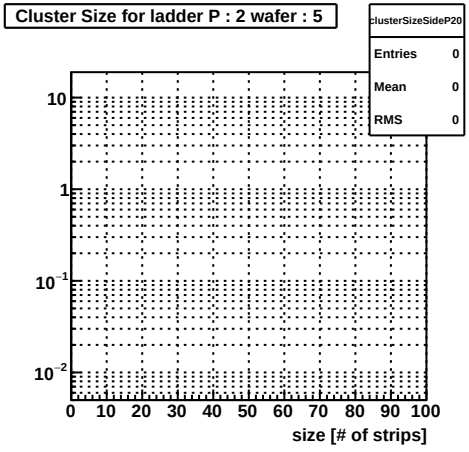

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

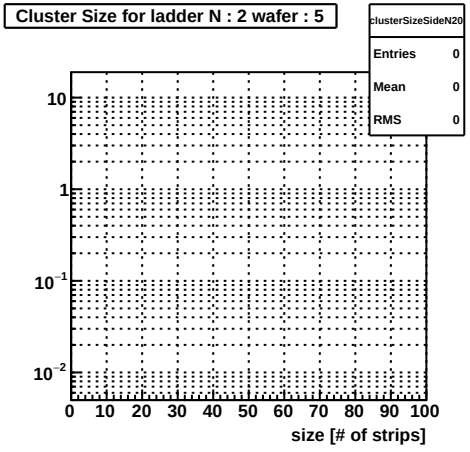

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

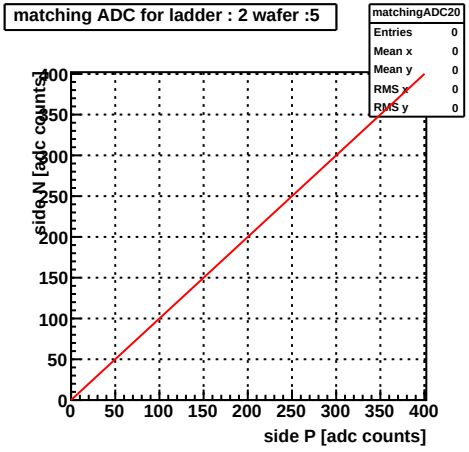

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

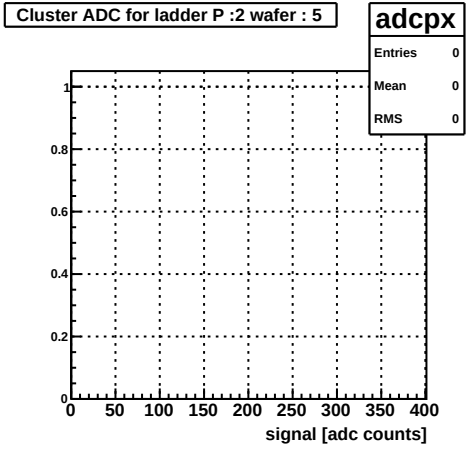

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

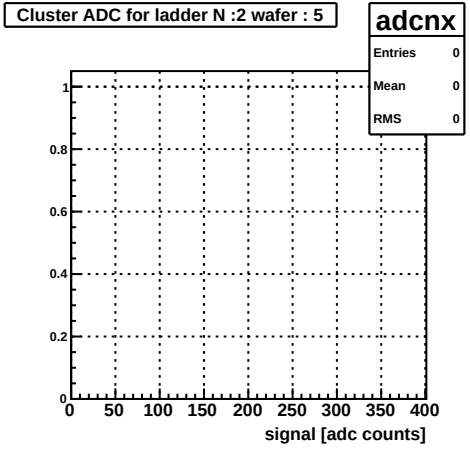

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

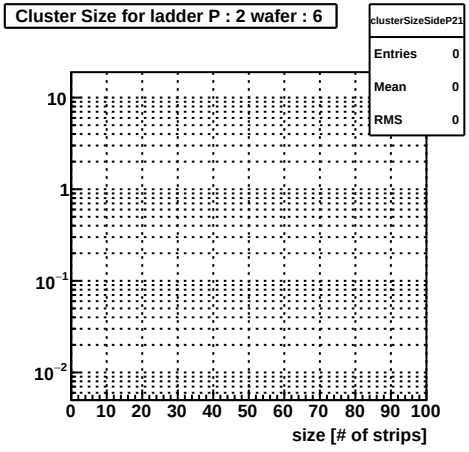

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

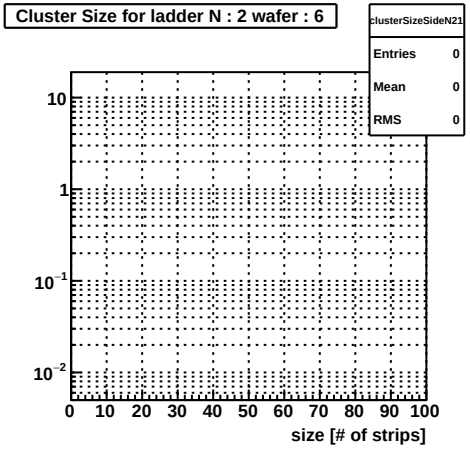

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

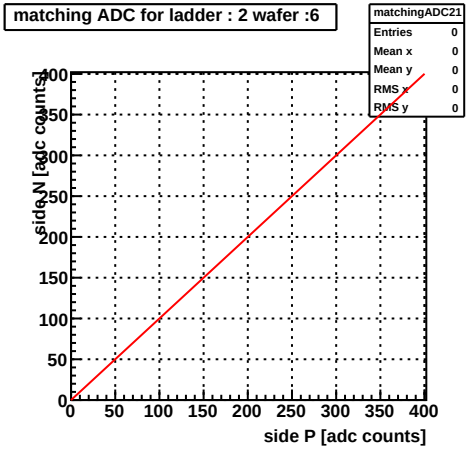

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

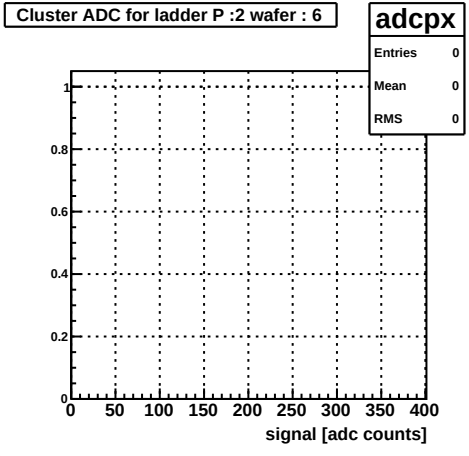

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

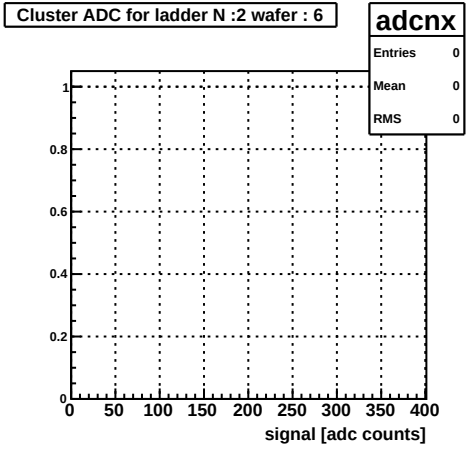

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

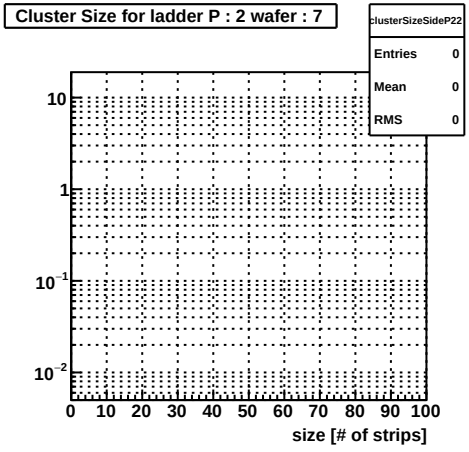

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

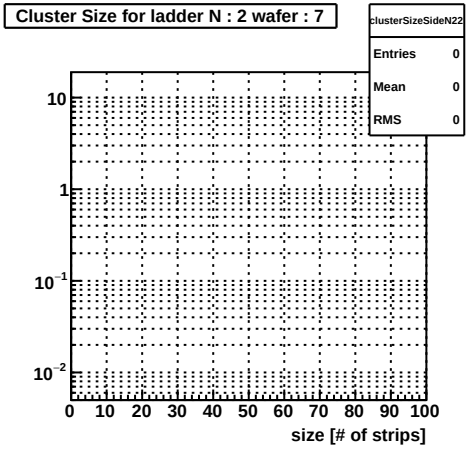

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

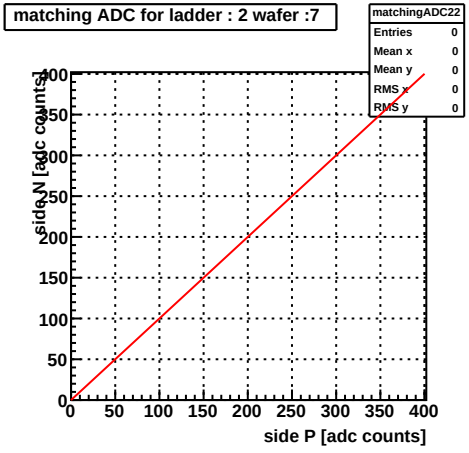

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

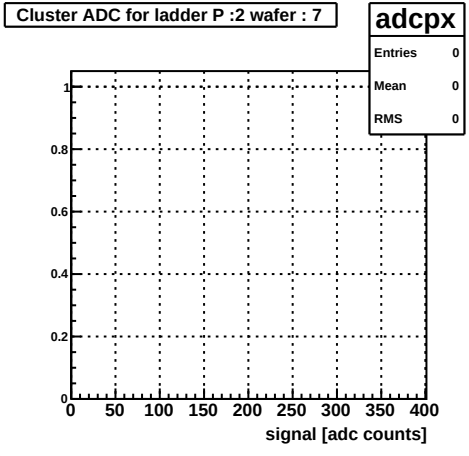

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

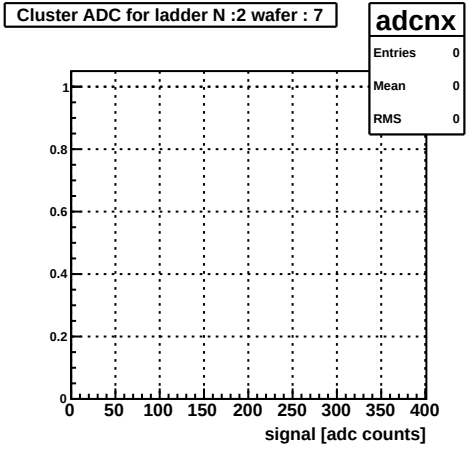

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

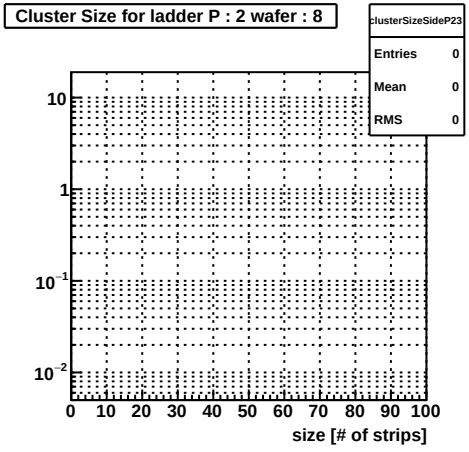

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

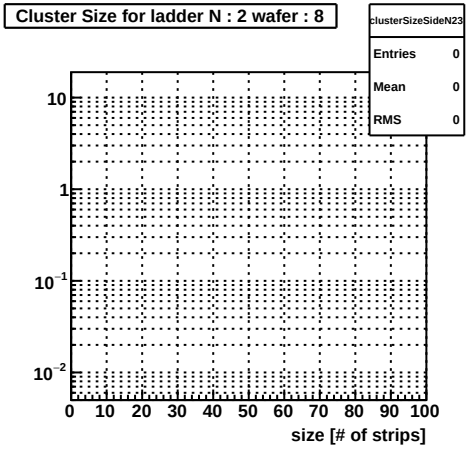

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

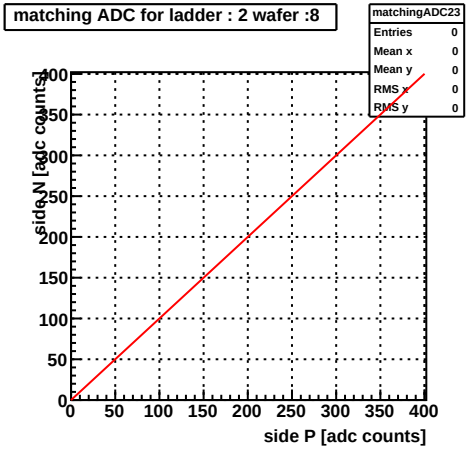

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

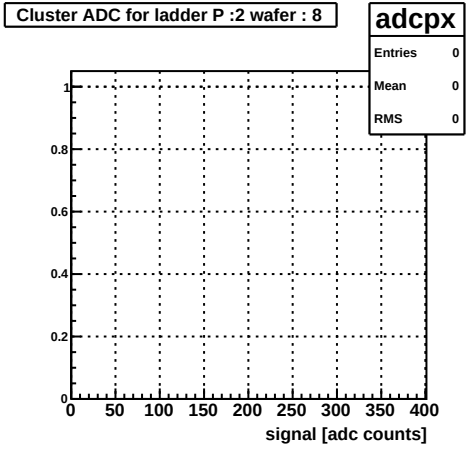

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

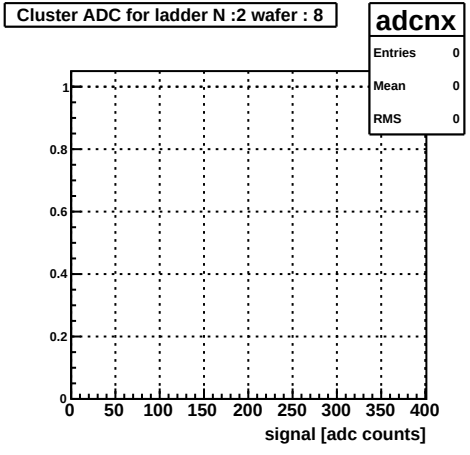

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

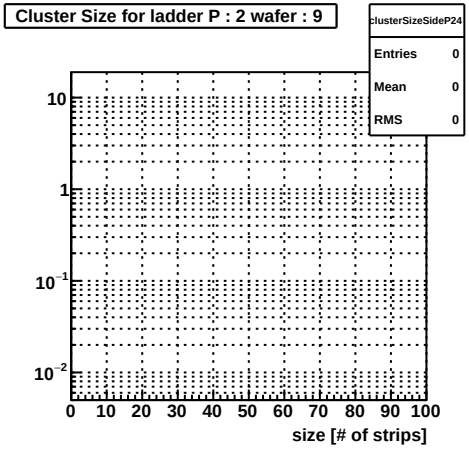

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

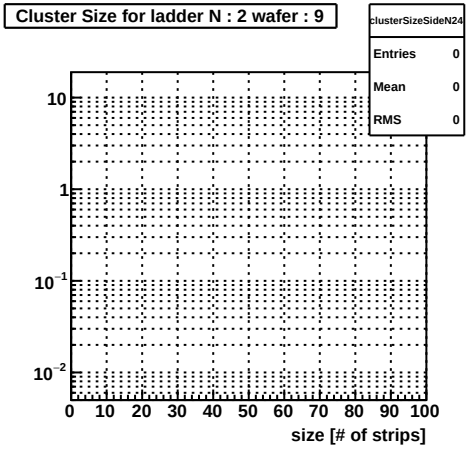

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

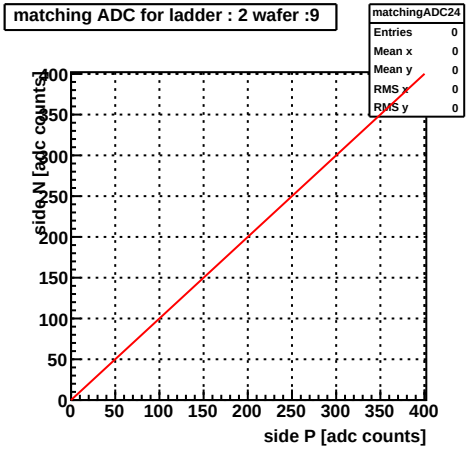

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

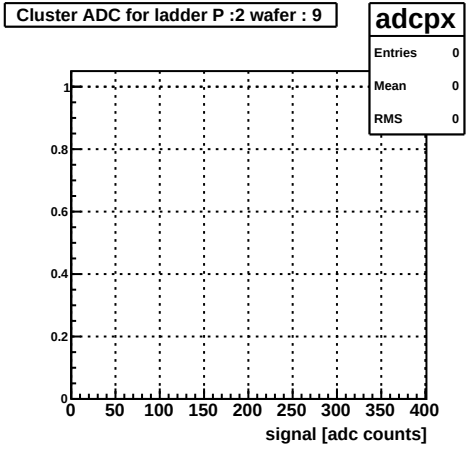

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

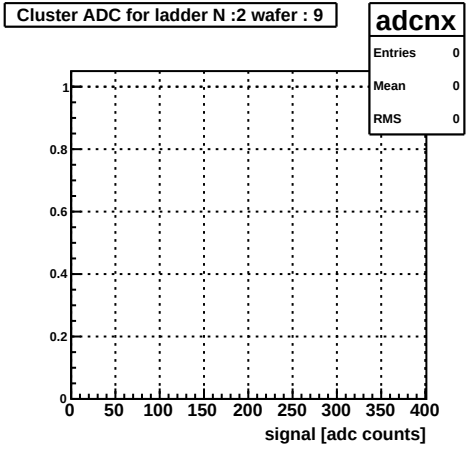

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

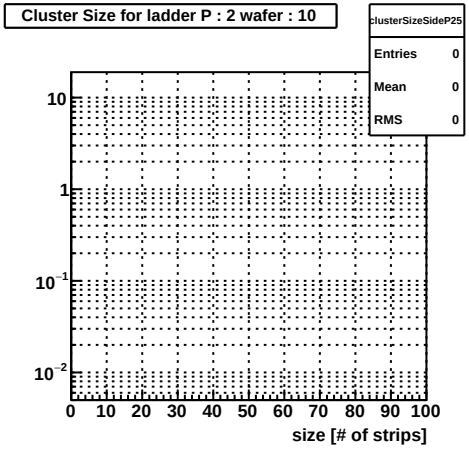

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

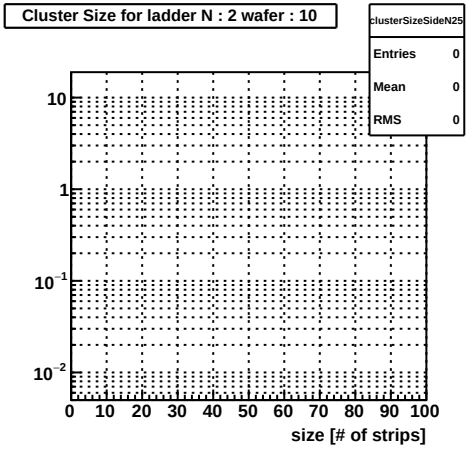

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

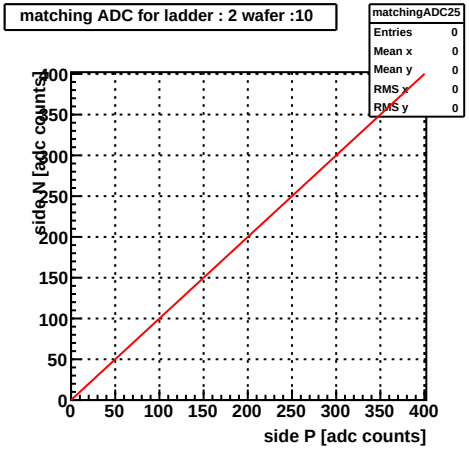

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

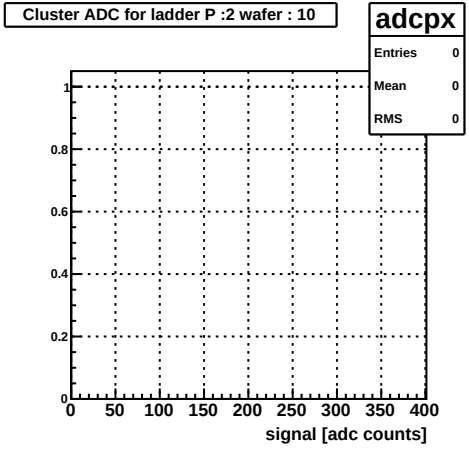

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

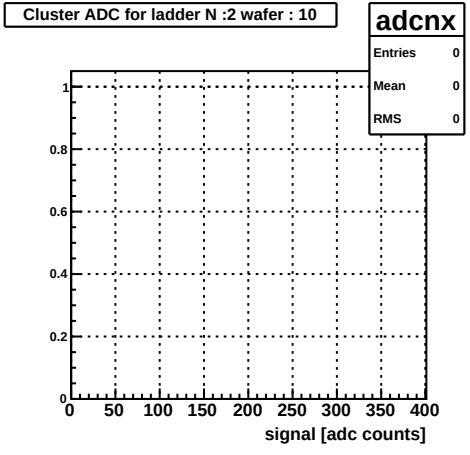

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

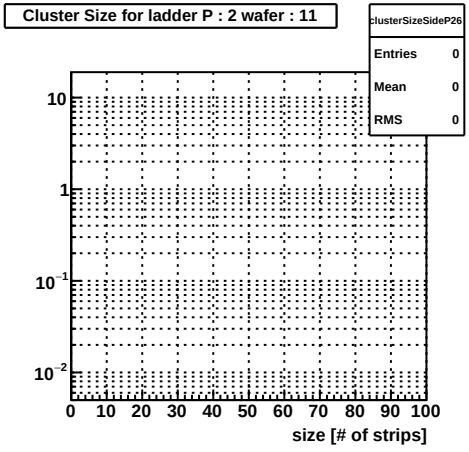

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

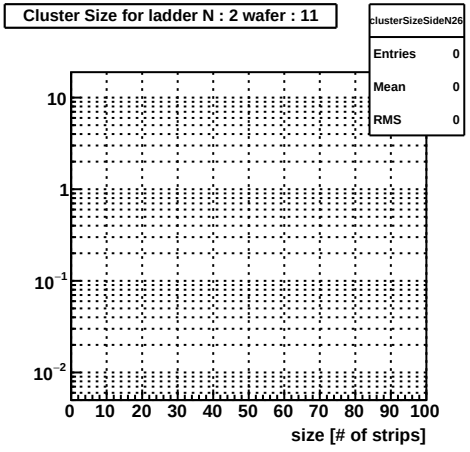

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

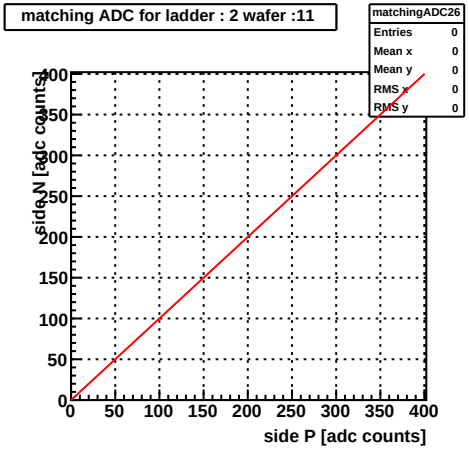

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

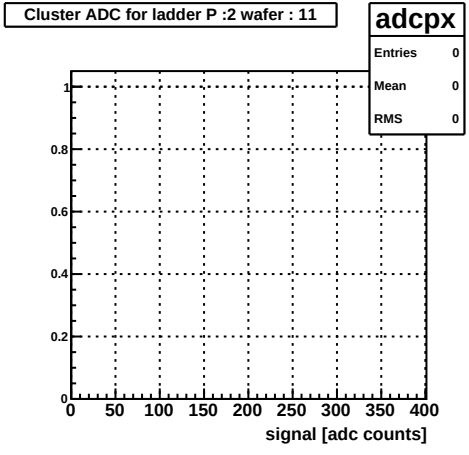

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

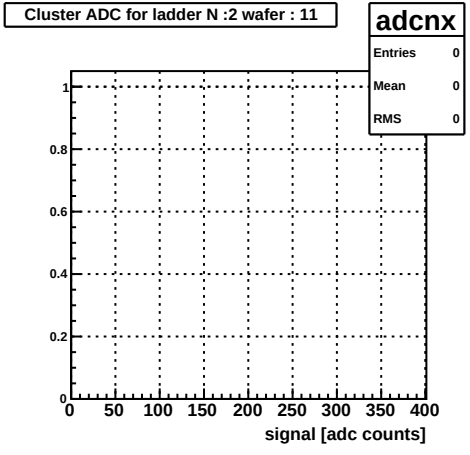

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

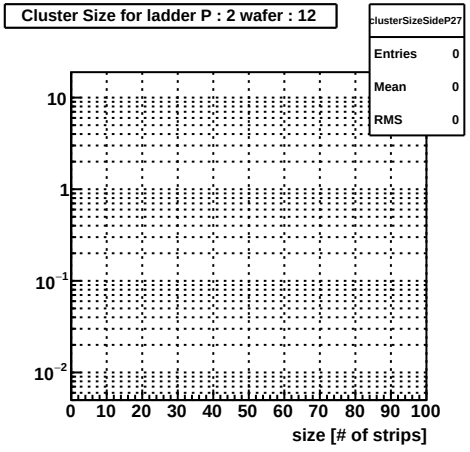

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

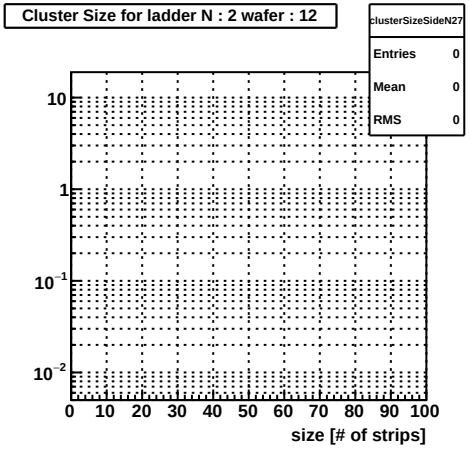

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

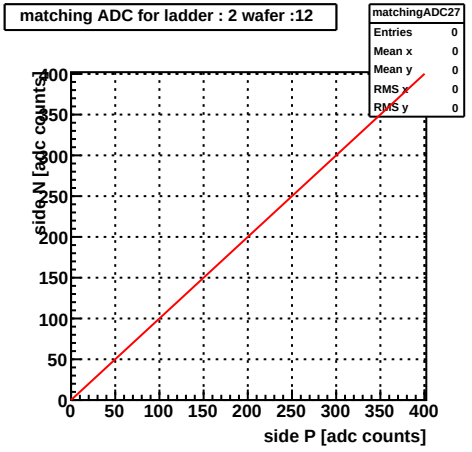

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

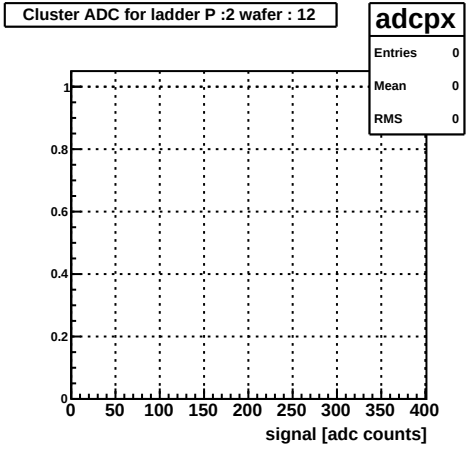

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

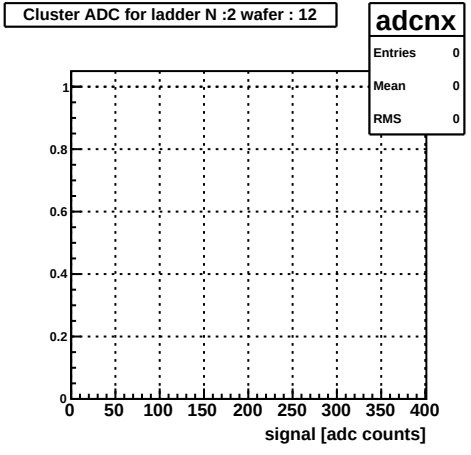

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

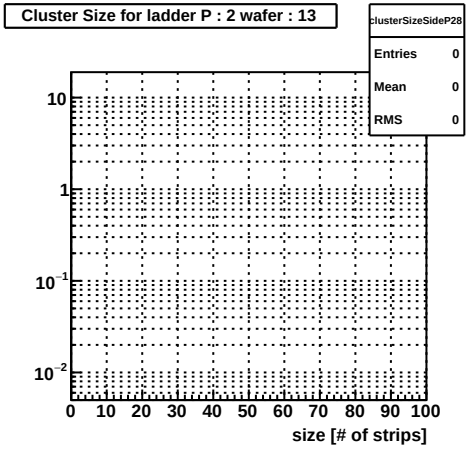

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

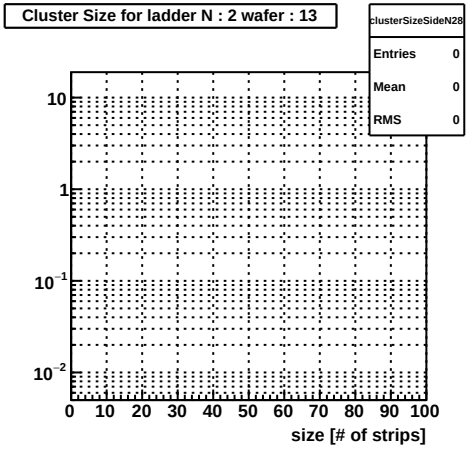

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

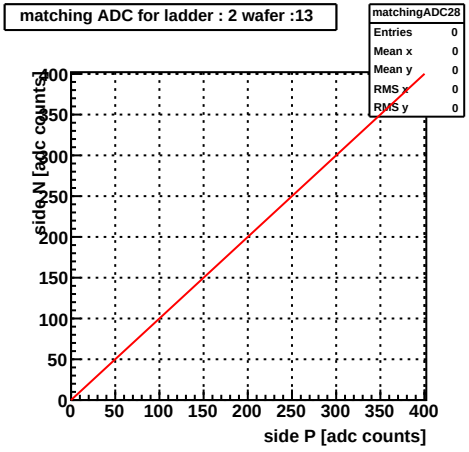

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

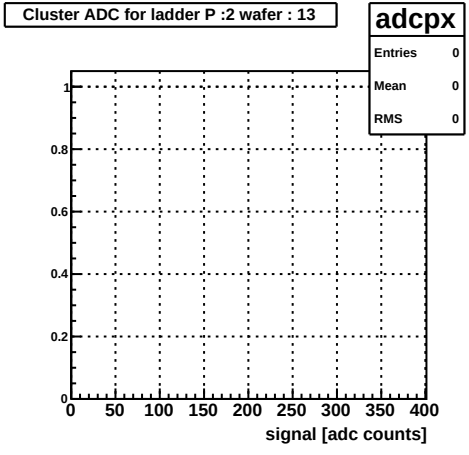

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

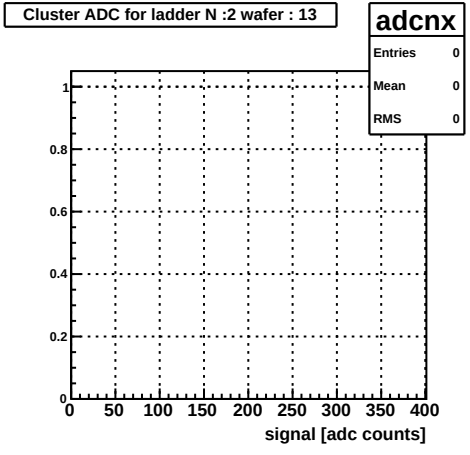

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

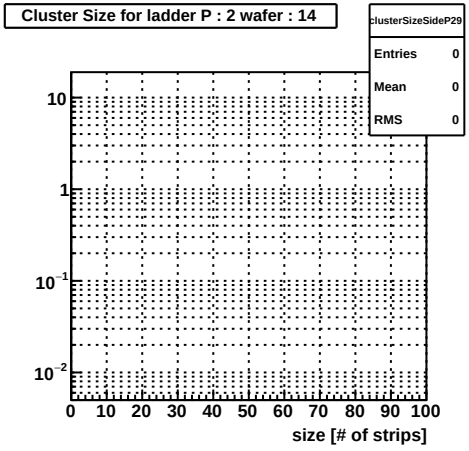

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

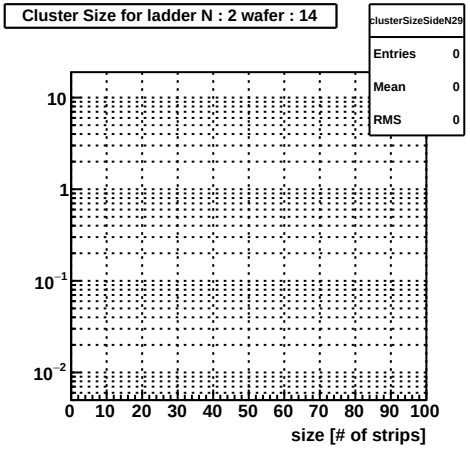

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

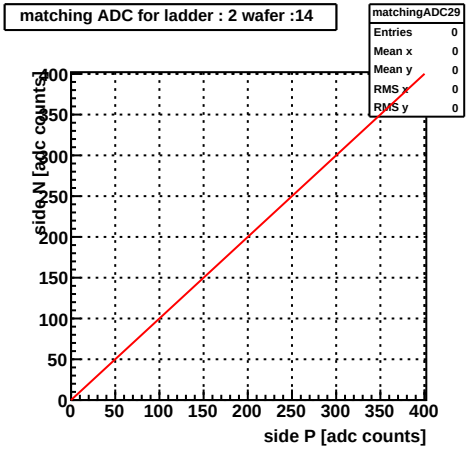

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

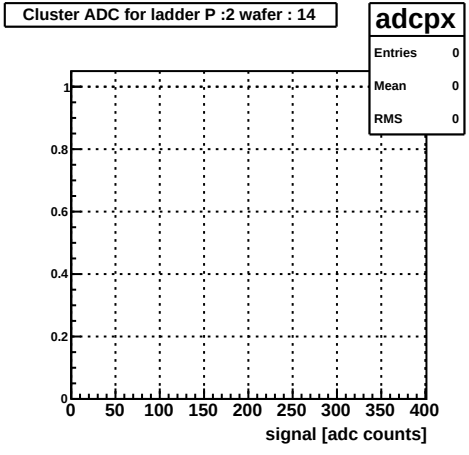

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

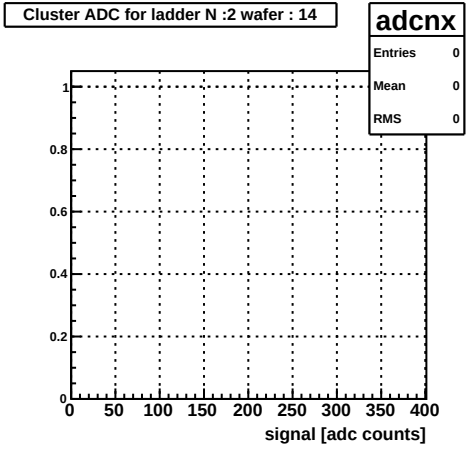

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

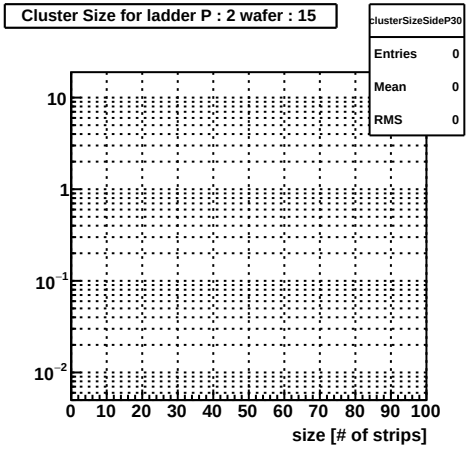

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

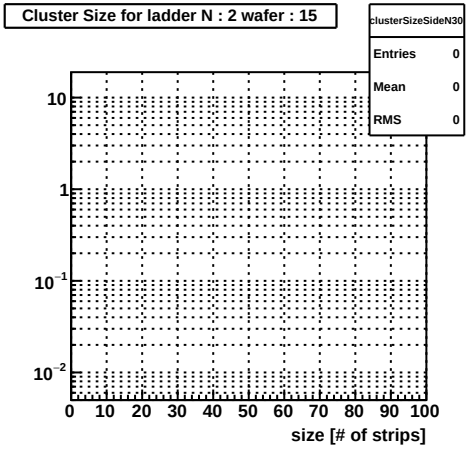

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

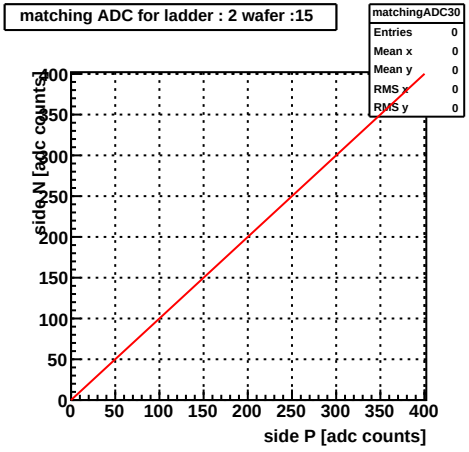

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

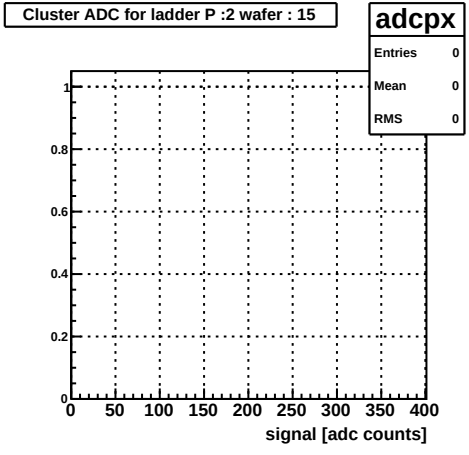

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

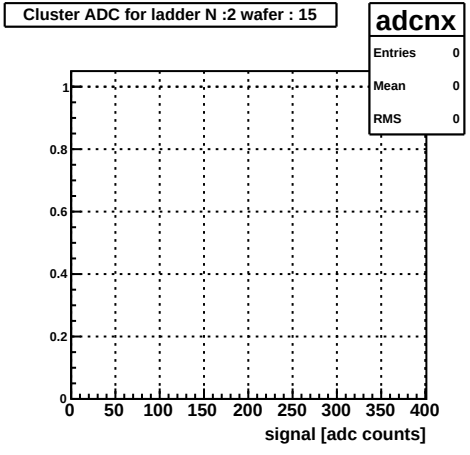

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

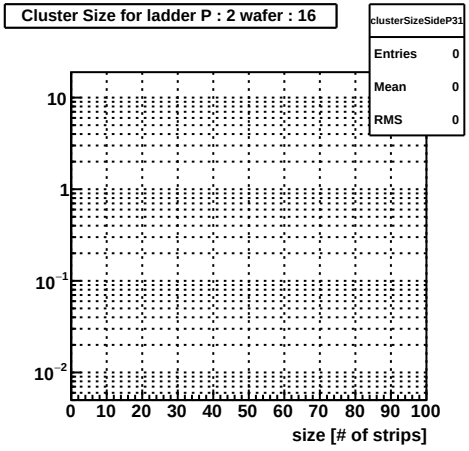

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

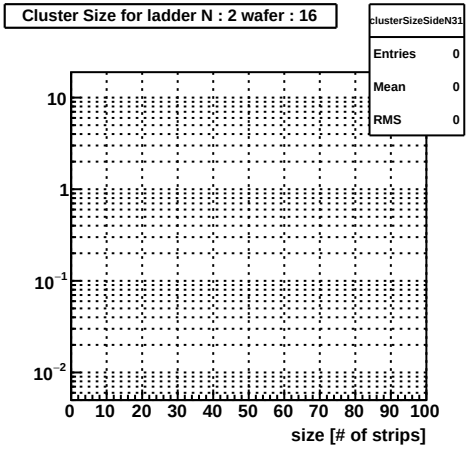

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

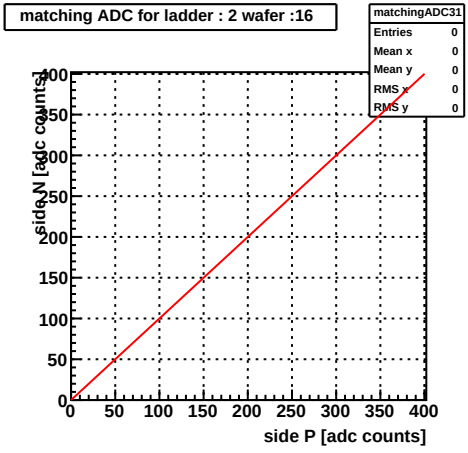

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

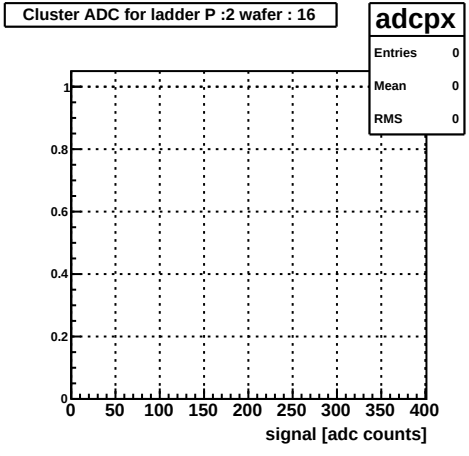

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

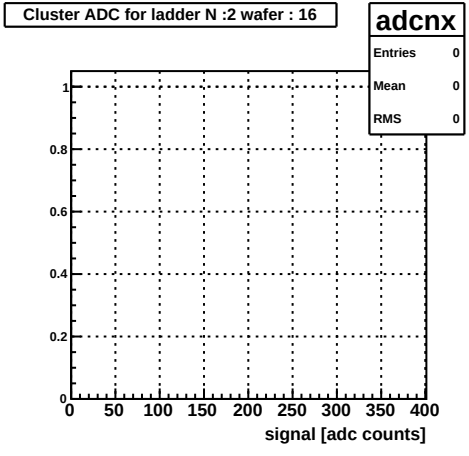

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

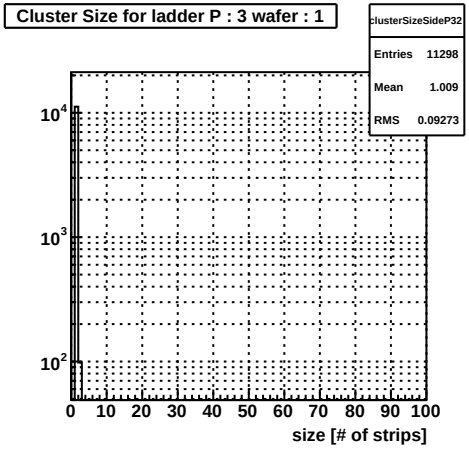

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

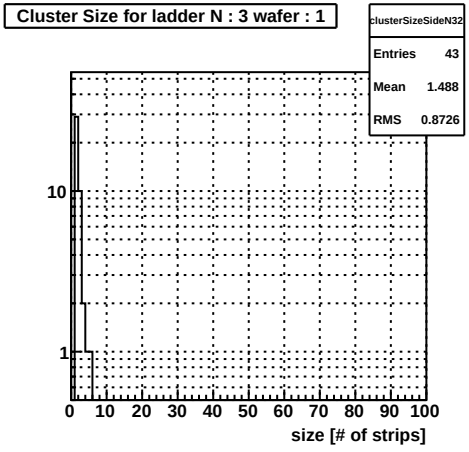

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

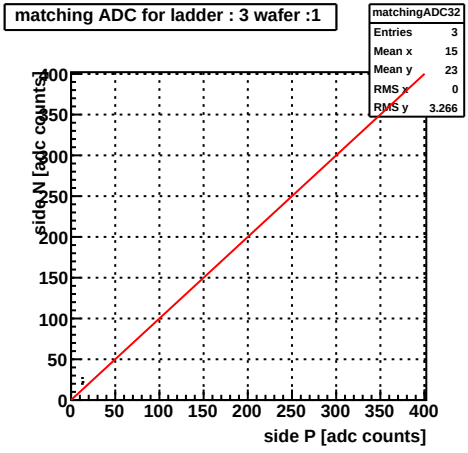

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

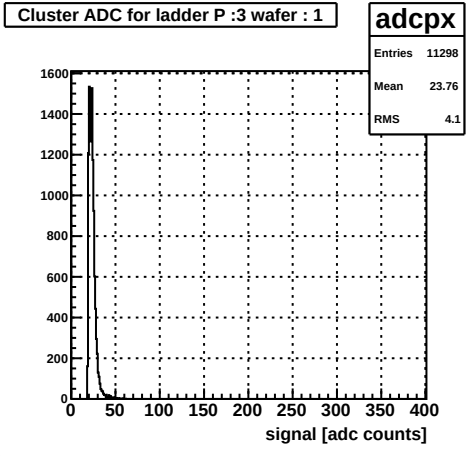

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

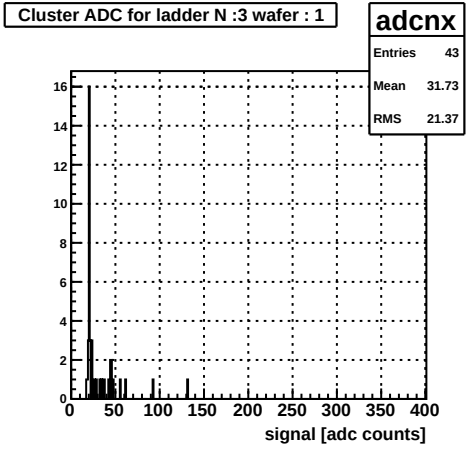

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

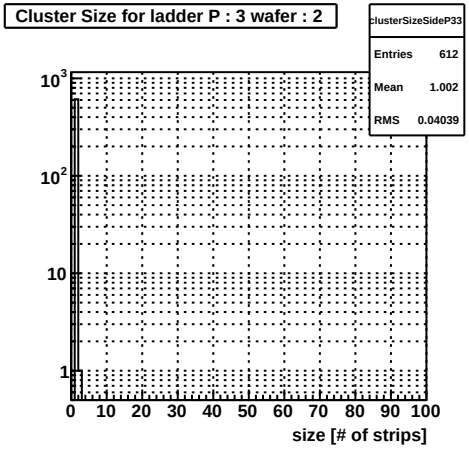

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11298
Mean 1.009
RMS 0.09273
size [# of strips]

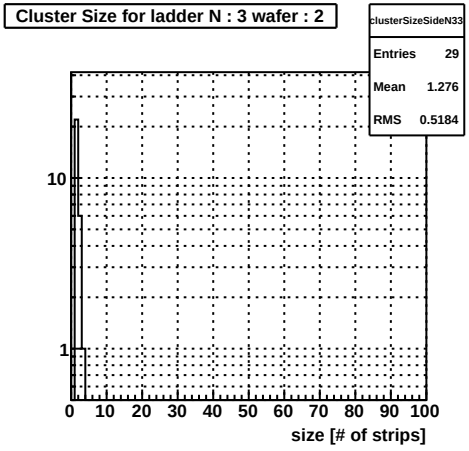

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 43
Mean 1.488
RMS 0.8726
size [# of strips]

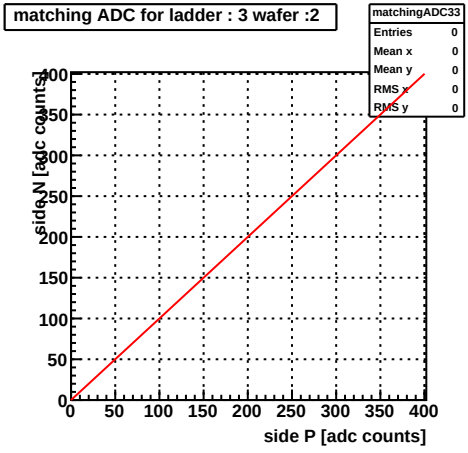

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3
Mean x 15
Mean y 23
RMS x 0
RMS y 3.266
side N [adc counts]
side P [adc counts]

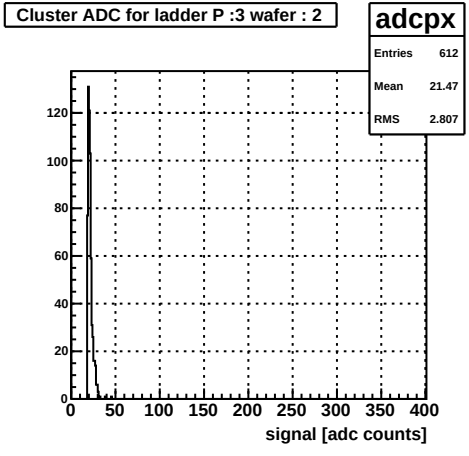

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11298
Mean 23.76
RMS 4.1
signal [adc counts]

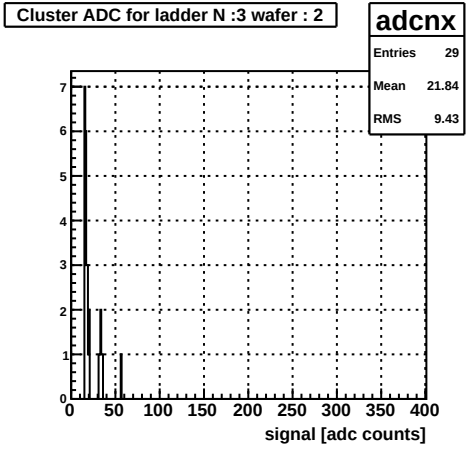

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 43
Mean 31.73
RMS 21.37
signal [adc counts]

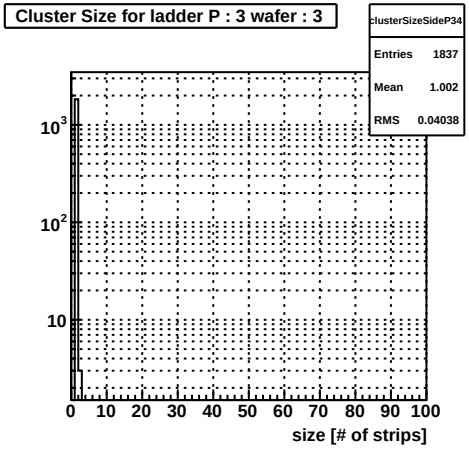

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 612
Mean 1.002
RMS 0.04039
size [# of strips]

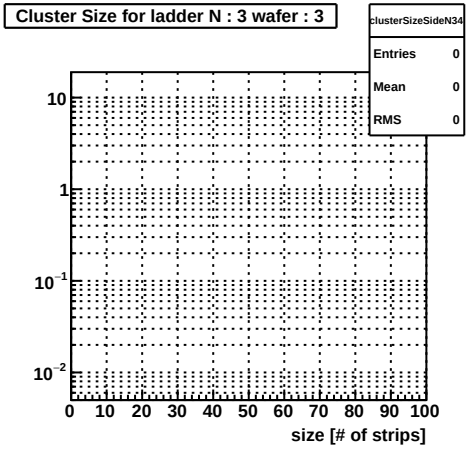

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 29
Mean 1.276
RMS 0.5184
size [# of strips]

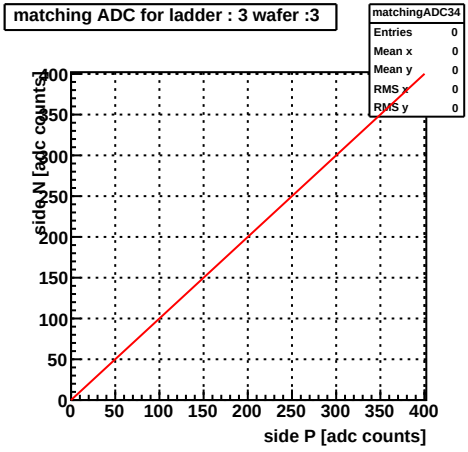

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

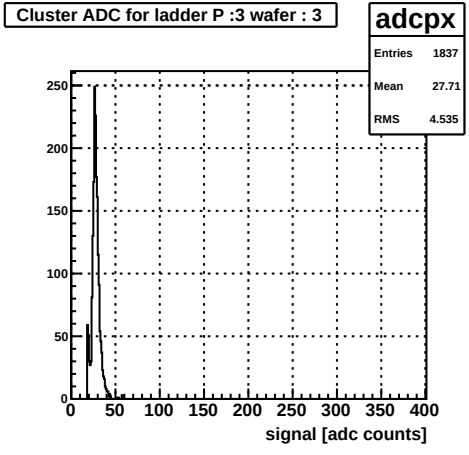

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 612
Mean 21.47
RMS 2.807
signal [adc counts]

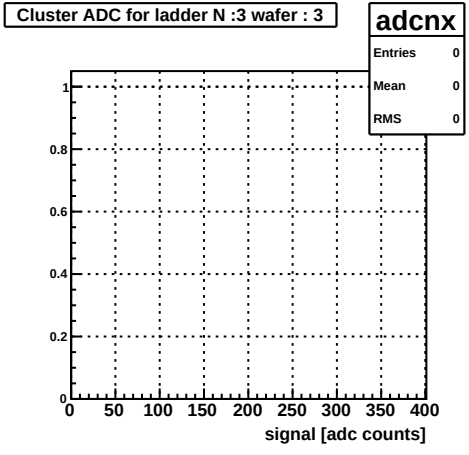

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 29
Mean 21.84
RMS 9.43
signal [adc counts]

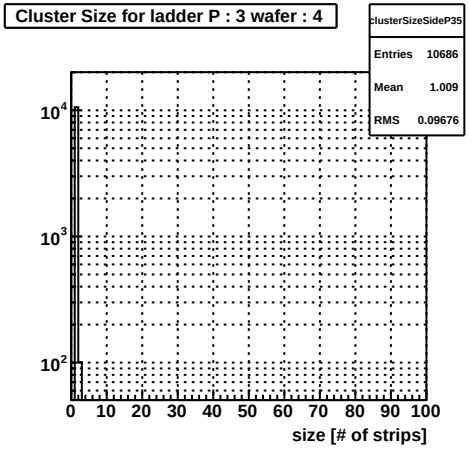

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1837
Mean 1.002
RMS 0.04038
size [# of strips]

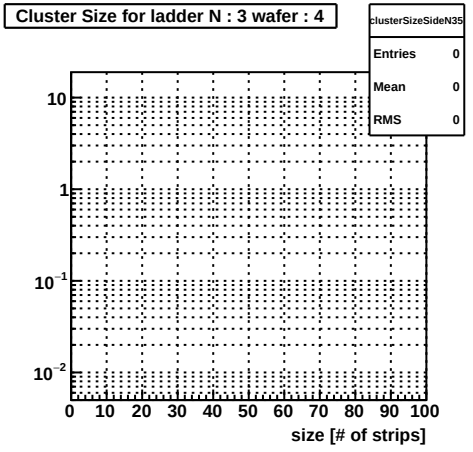

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

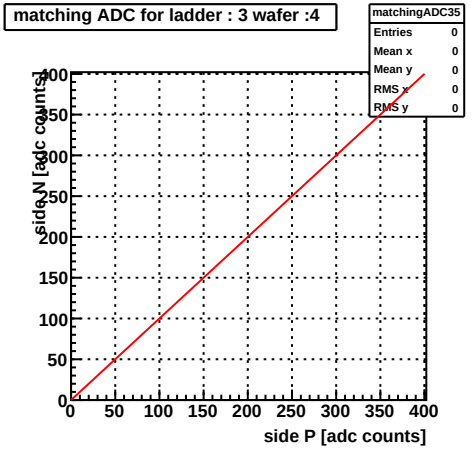

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

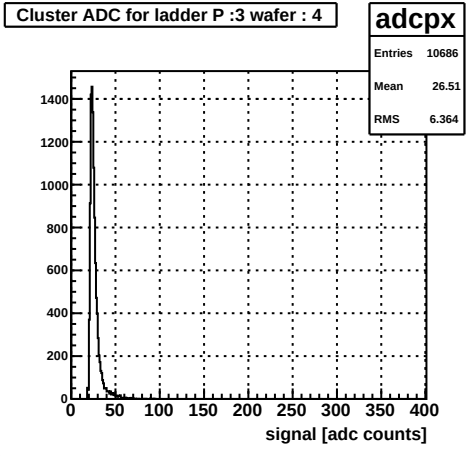

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1837
Mean 27.71
RMS 4.535
signal [adc counts]

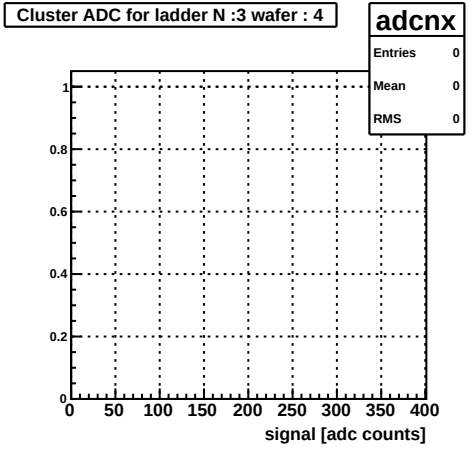

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

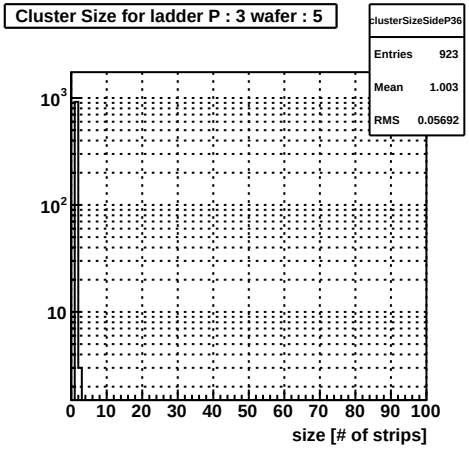

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 10686
Mean 1.009
RMS 0.09676
size [# of strips]

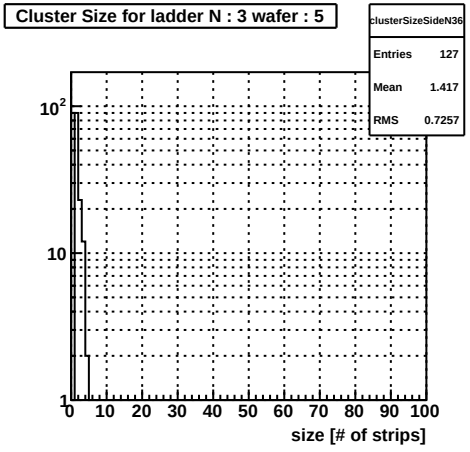

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

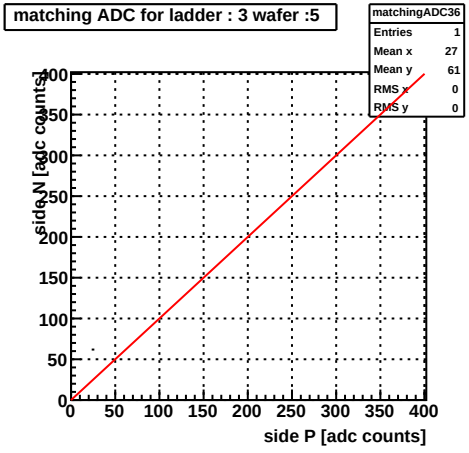

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

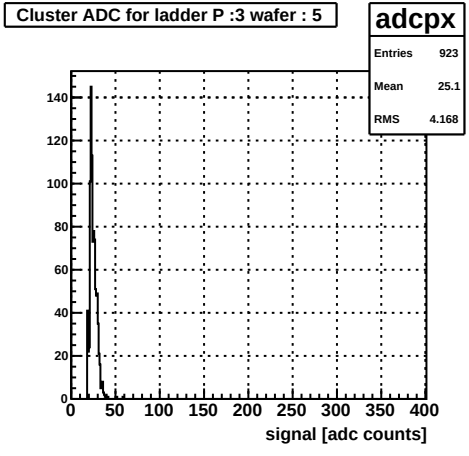

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 10686
Mean 26.51
RMS 6.364
signal [adc counts]

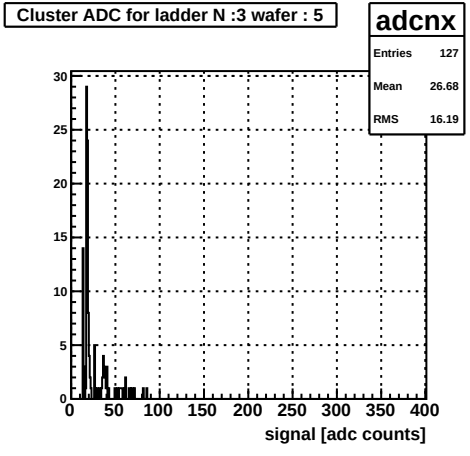

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

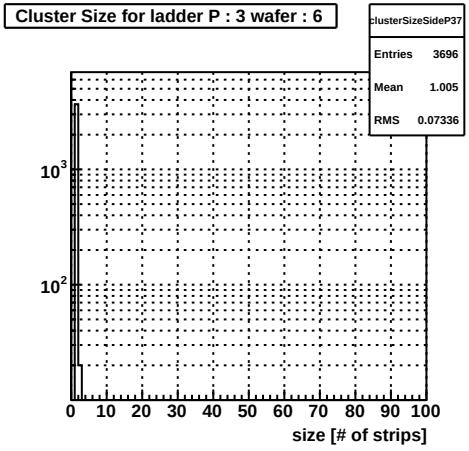

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 923
Mean 1.003
RMS 0.05692
size [# of strips]

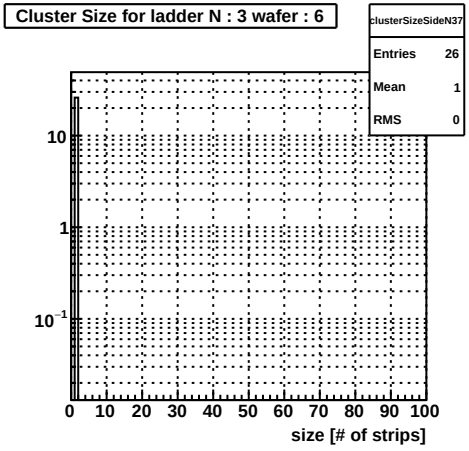

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 127
Mean 1.417
RMS 0.7257
size [# of strips]

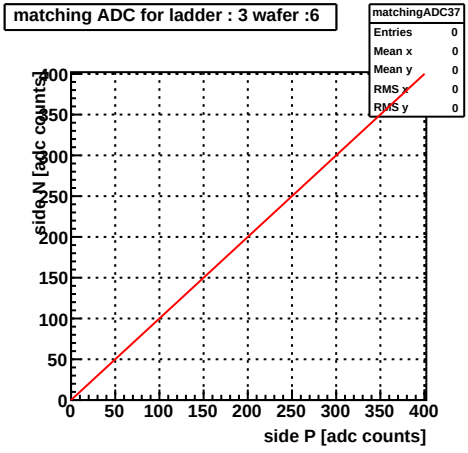

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1
Mean x 27
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

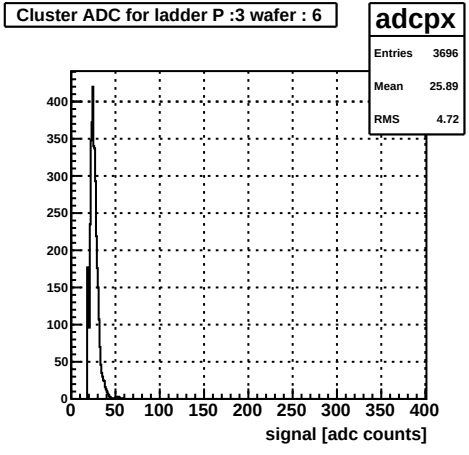

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 923
Mean 25.1
RMS 4.168
signal [adc counts]

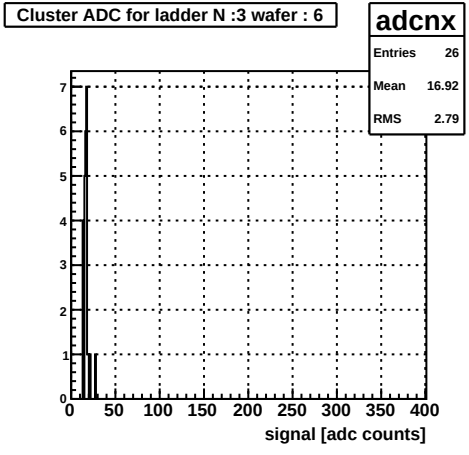

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 127
Mean 26.68
RMS 16.19
signal [adc counts]

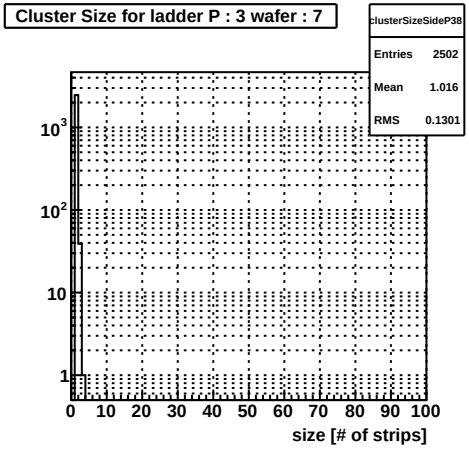

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 3696
Mean 1.005
RMS 0.07336
size [# of strips]

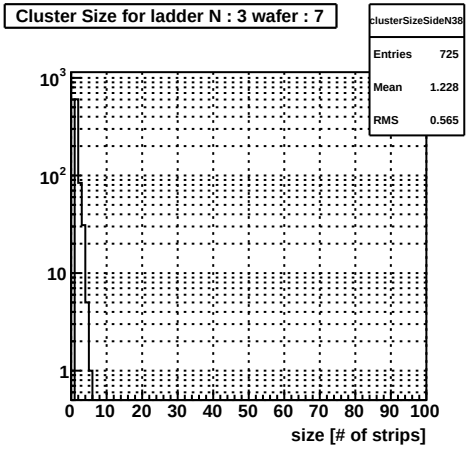

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 26
Mean 1
RMS 0
size [# of strips]

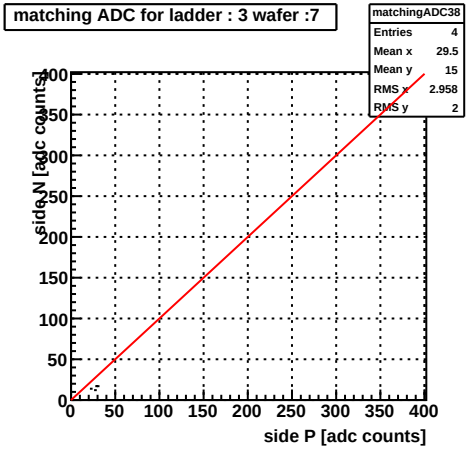

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

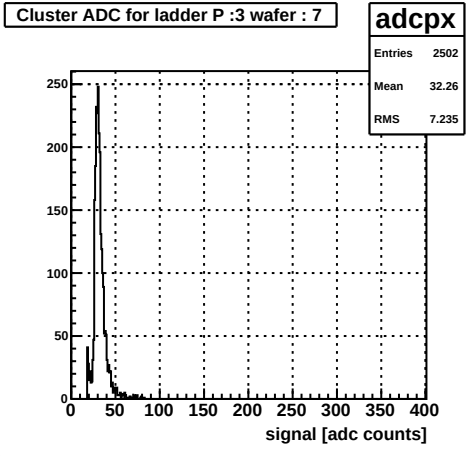

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 3696
Mean 25.89
RMS 4.72
signal [adc counts]

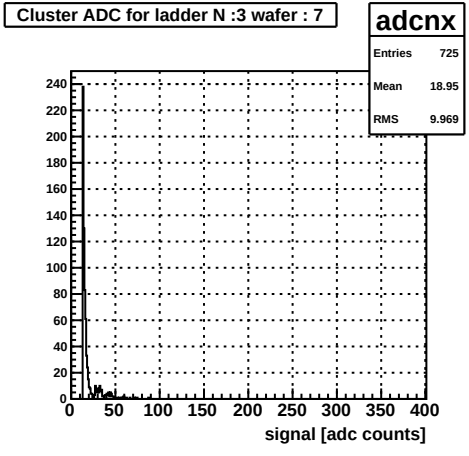

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 26
Mean 16.92
RMS 2.79
signal [adc counts]

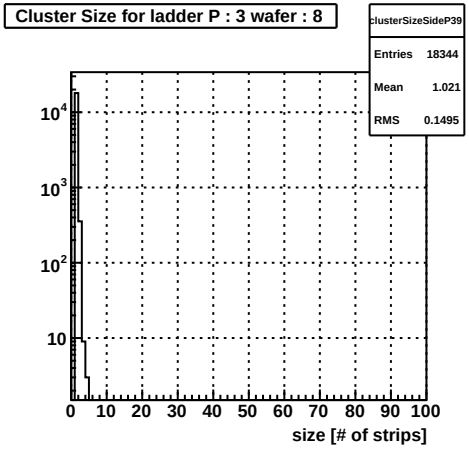

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2502
Mean 1.016
RMS 0.1301
size [# of strips]

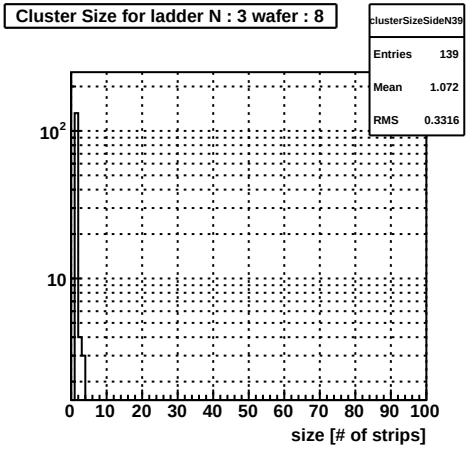

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 725
Mean 1.228
RMS 0.565
size [# of strips]

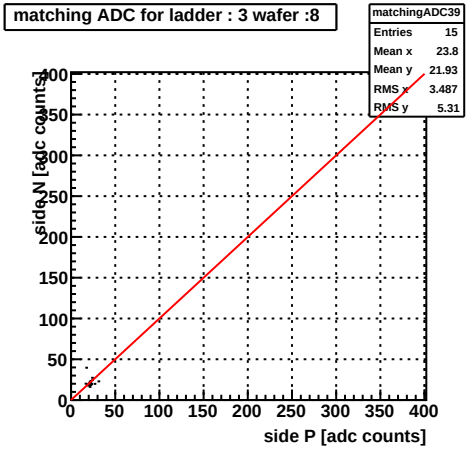

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4
Mean x 29.5
Mean y 15
RMS x 2.958
RMS y 2
side N [adc counts]
side P [adc counts]

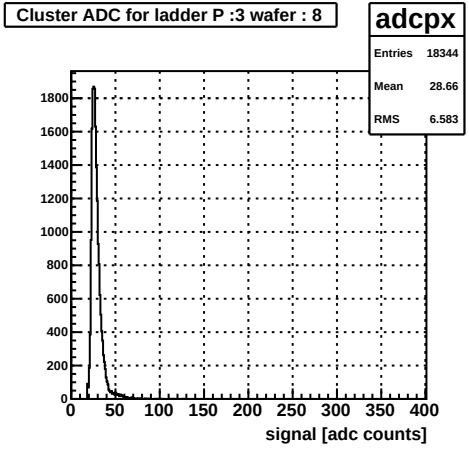

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2502
Mean 32.26
RMS 7.235
signal [adc counts]

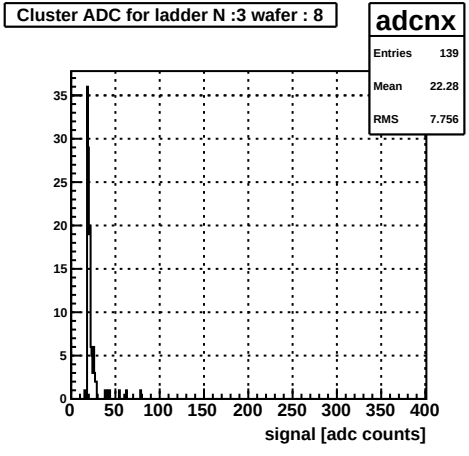

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 725
Mean 18.95
RMS 9.969
signal [adc counts]

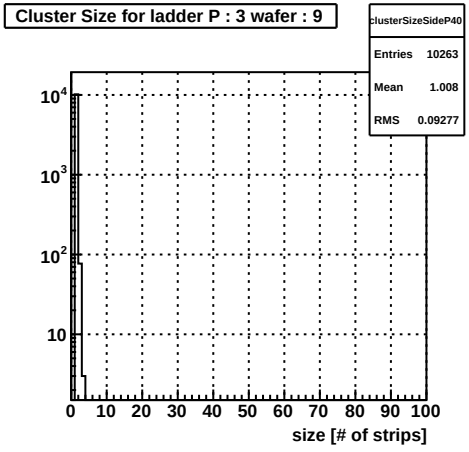

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 18344
Mean 1.021
RMS 0.1495
size [# of strips]

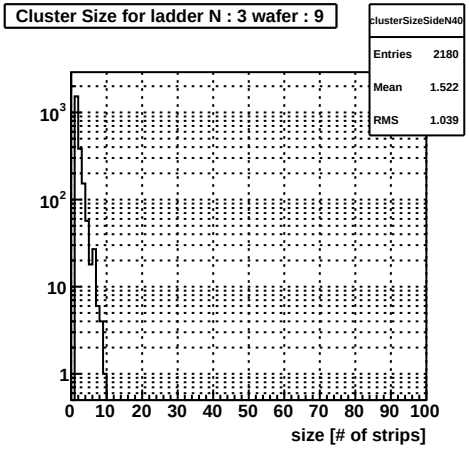

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 139
Mean 1.072
RMS 0.3316
size [# of strips]

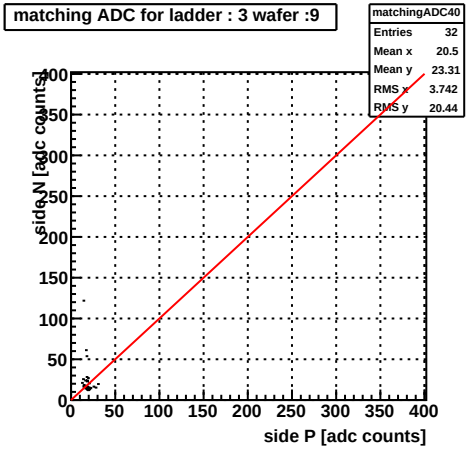

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 15
Mean x 23.8
Mean y 21.93
RMS x 3.487
RMS y 5.31
side N [adc counts]
side P [adc counts]

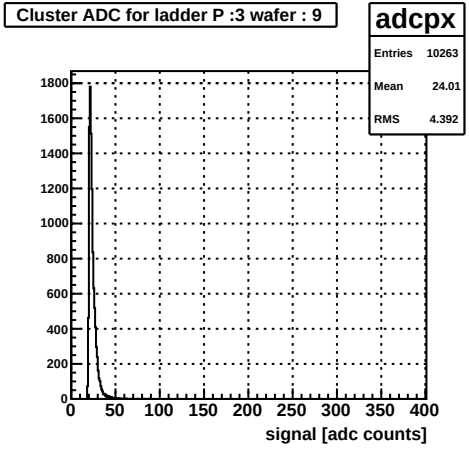

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 18344
Mean 28.66
RMS 6.583
signal [adc counts]

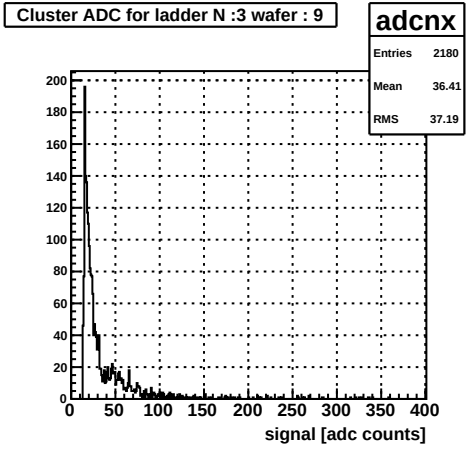

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 139
Mean 22.28
RMS 7.756
signal [adc counts]

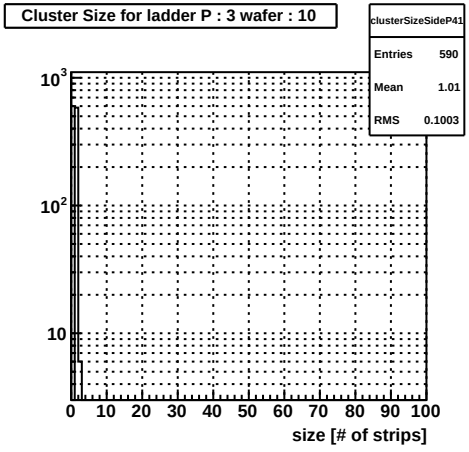

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10263
Mean 1.008
RMS 0.09277
size [# of strips]

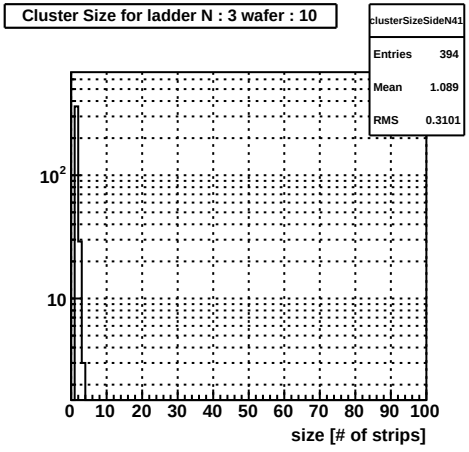

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 2180
Mean 1.522
RMS 1.039
size [# of strips]

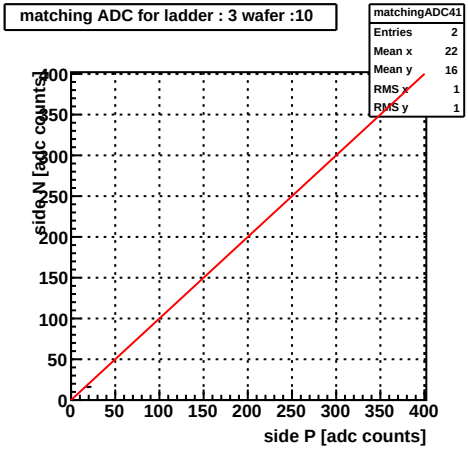

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 32
Mean x 20.5
Mean y 23.31
RMS x 3.742
RMS y 20.44
side N [adc counts]
side P [adc counts]

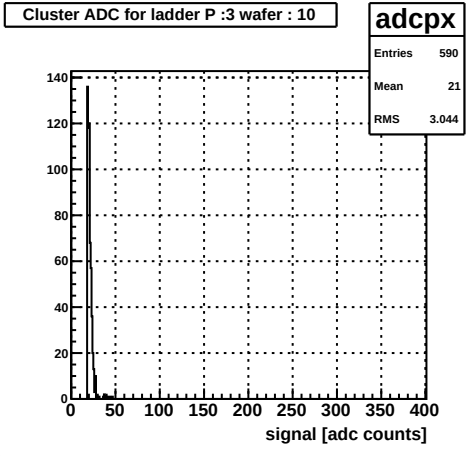

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10263
Mean 24.01
RMS 4.392
signal [adc counts]

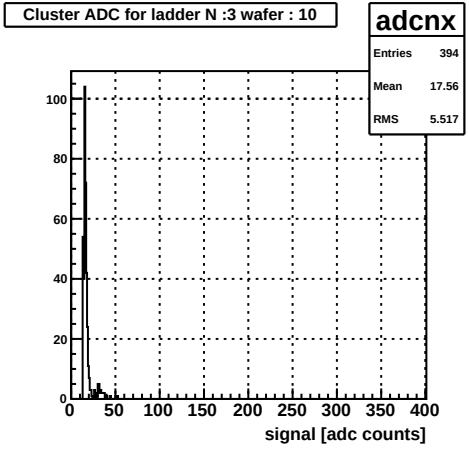

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 2180
Mean 36.41
RMS 37.19
signal [adc counts]

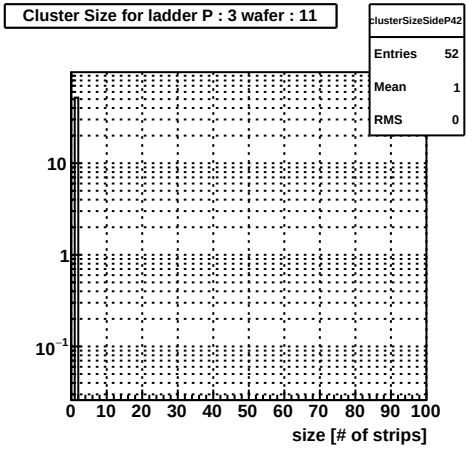

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 590
Mean 1.01
RMS 0.1003
size [# of strips]

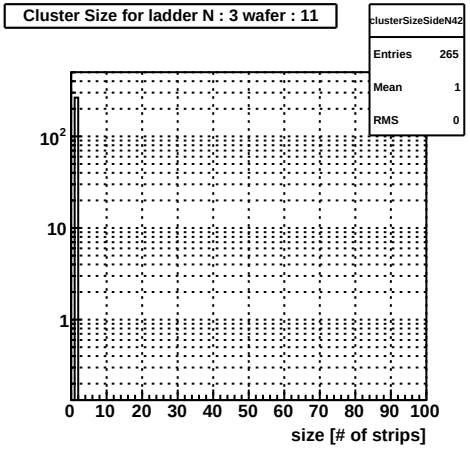

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 394
Mean 1.089
RMS 0.3101
size [# of strips]

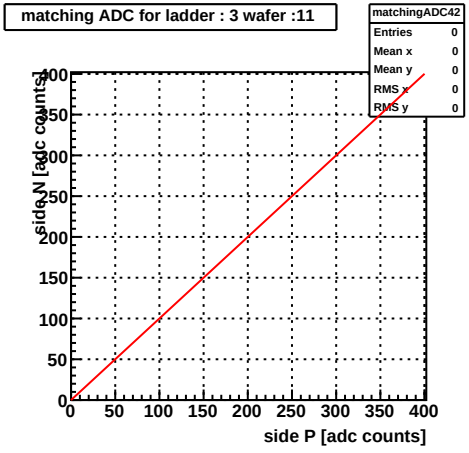

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 2
Mean x 22
Mean y 16
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

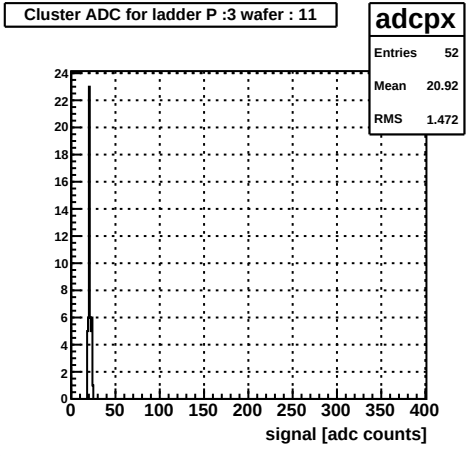

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 590
Mean 21
RMS 3.044
signal [adc counts]

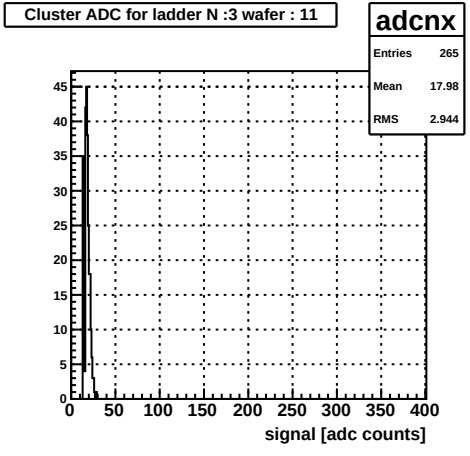

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 394
Mean 17.56
RMS 5.517
signal [adc counts]

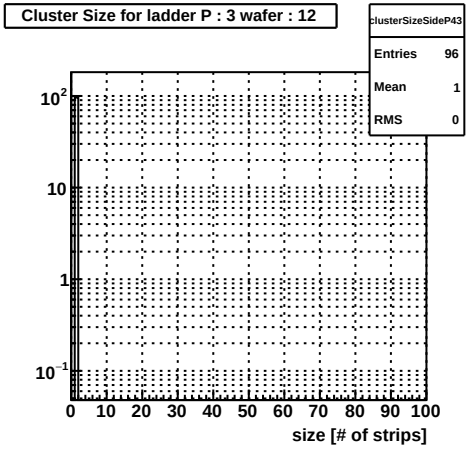

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 52
Mean 1
RMS 0
size [# of strips]

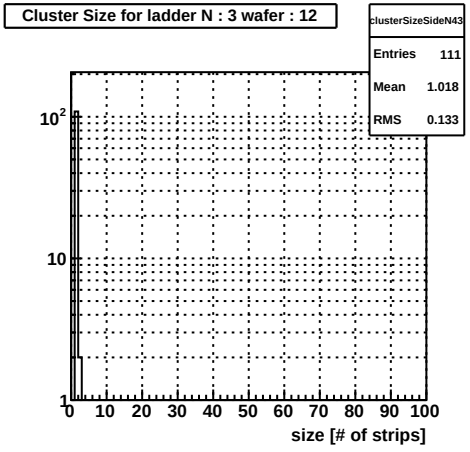

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 265
Mean 1
RMS 0
size [# of strips]

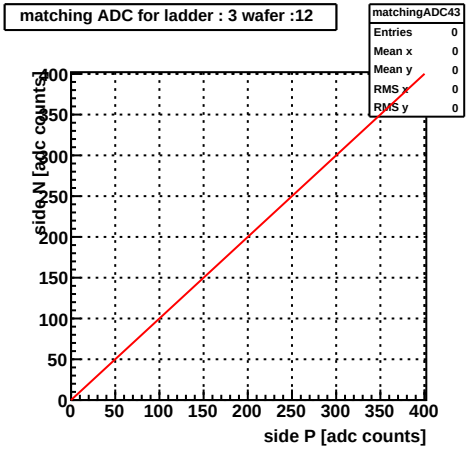

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

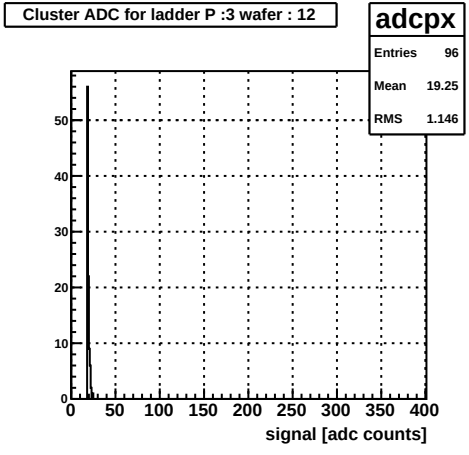

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 52
Mean 20.92
RMS 1.472
signal [adc counts]

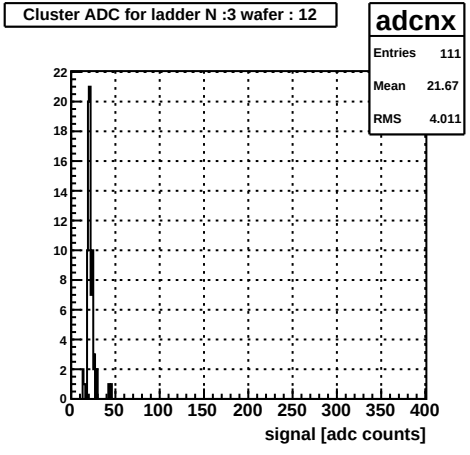

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 265
Mean 17.98
RMS 2.944
signal [adc counts]

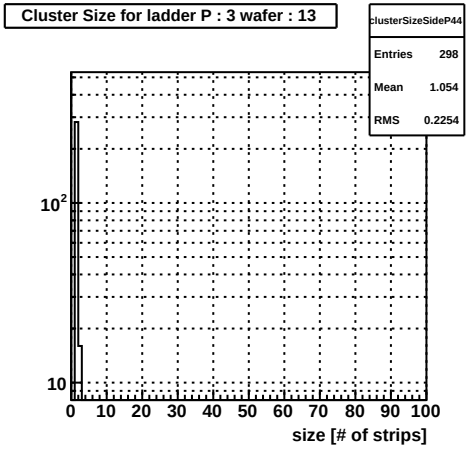

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 96
Mean 1
RMS 0
size [# of strips]

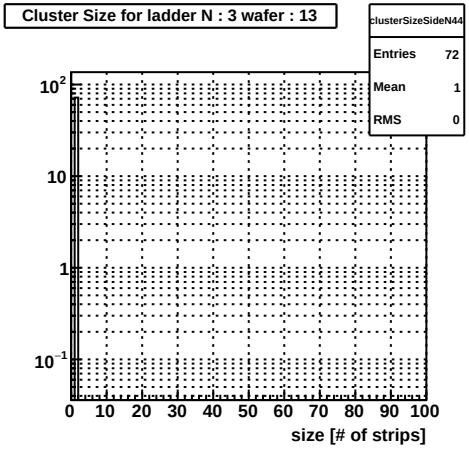

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 111
Mean 1.018
RMS 0.133
size [# of strips]

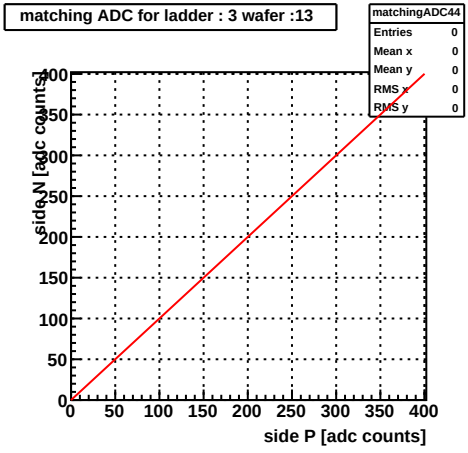

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

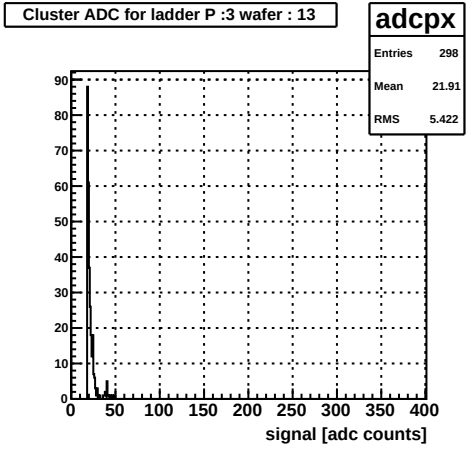

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 96
Mean 19.25
RMS 1.146
signal [adc counts]

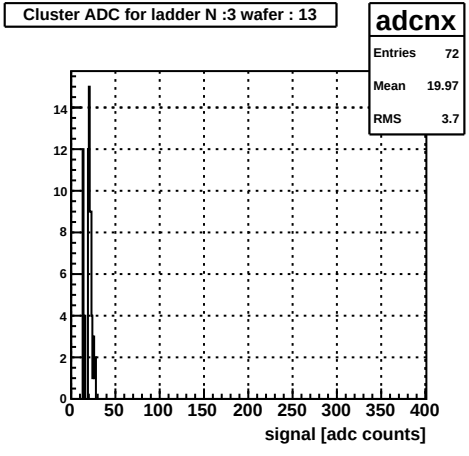

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 111
Mean 21.67
RMS 4.011
signal [adc counts]

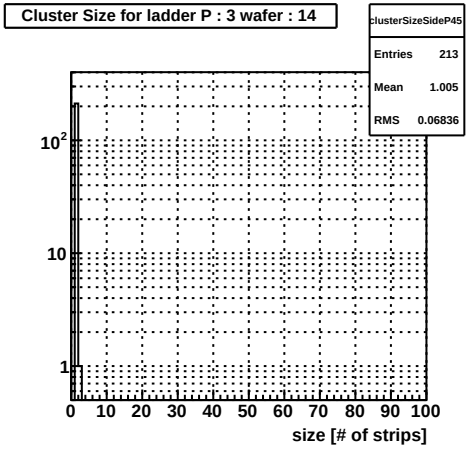

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 298
Mean 1.054
RMS 0.2254
size [# of strips]

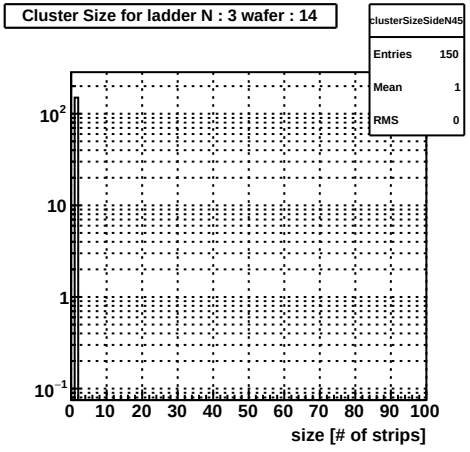

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 72
Mean 1
RMS 0
size [# of strips]

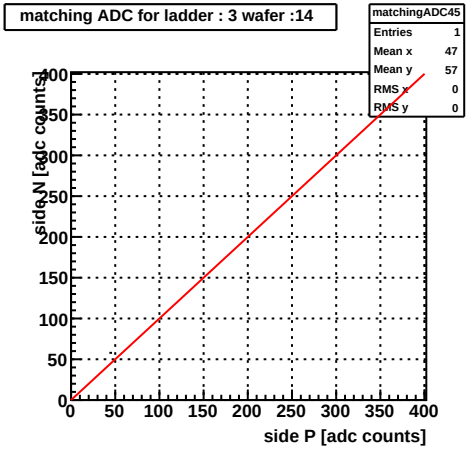

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

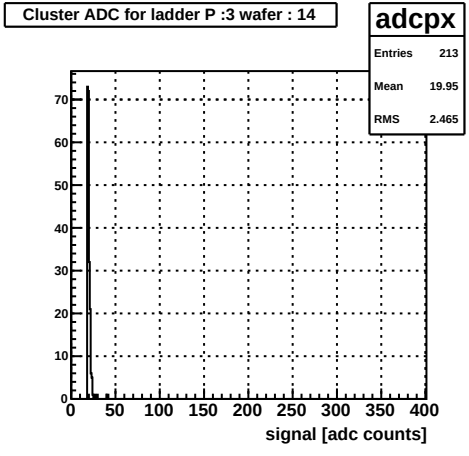

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 298
Mean 21.91
RMS 5.422
signal [adc counts]

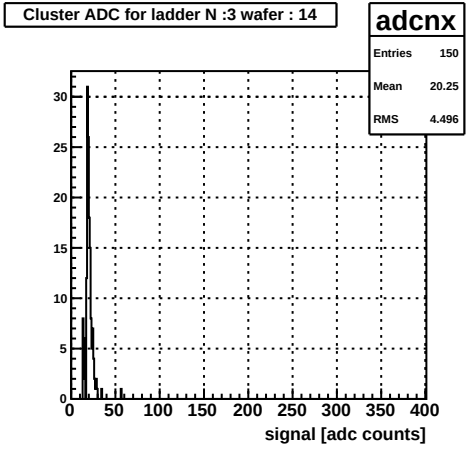

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 72
Mean 19.97
RMS 3.7
signal [adc counts]

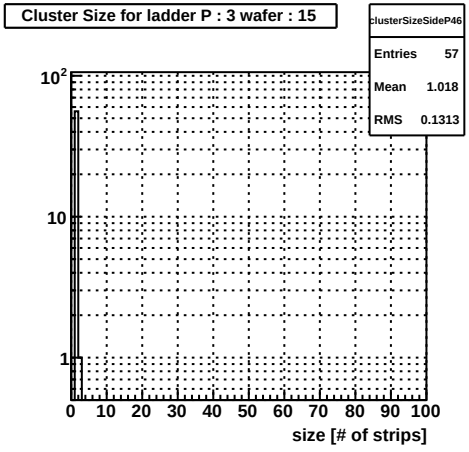

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 213
Mean 1.005
RMS 0.06836
size [# of strips]

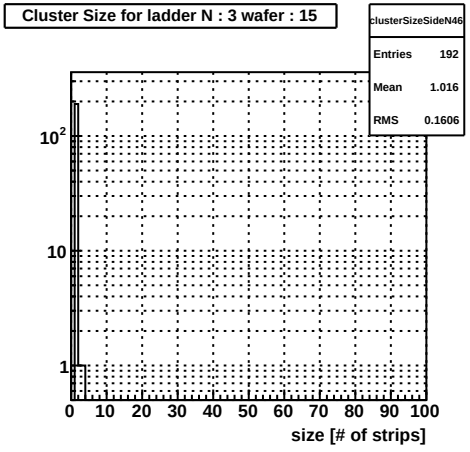

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 150
Mean 1
RMS 0
size [# of strips]

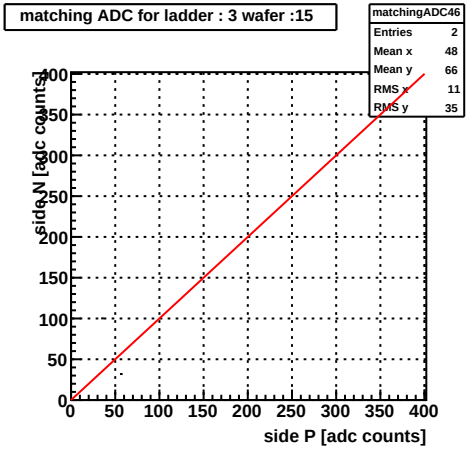

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 1
Mean x 47
Mean y 57
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

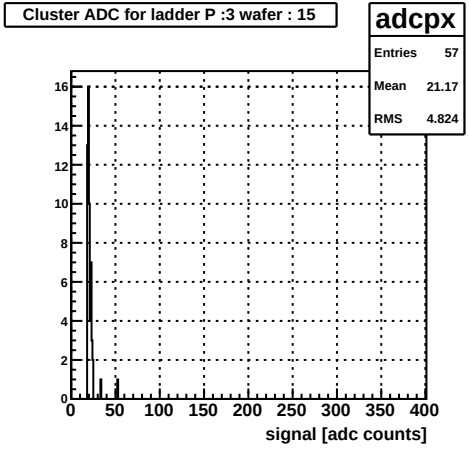

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 213
Mean 19.95
RMS 2.465
signal [adc counts]

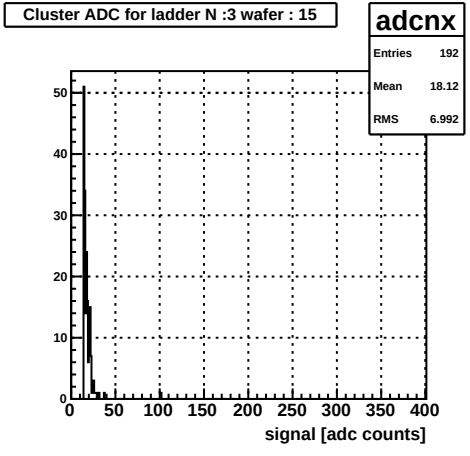

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 150
Mean 20.25
RMS 4.496
signal [adc counts]

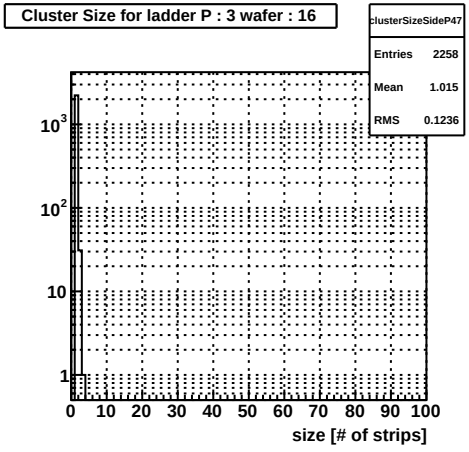

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 57
Mean 1.018
RMS 0.1313
size [# of strips]

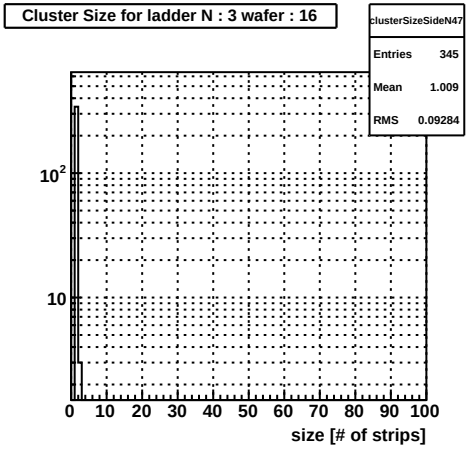

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 192
Mean 1.016
RMS 0.1606
size [# of strips]

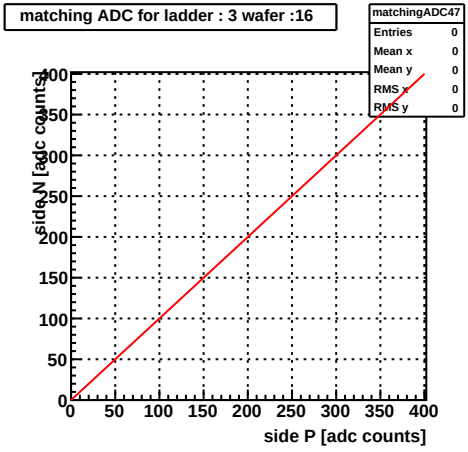

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 2
Mean x 48
Mean y 66
RMS x 11
RMS y 35
side N [adc counts]
side P [adc counts]

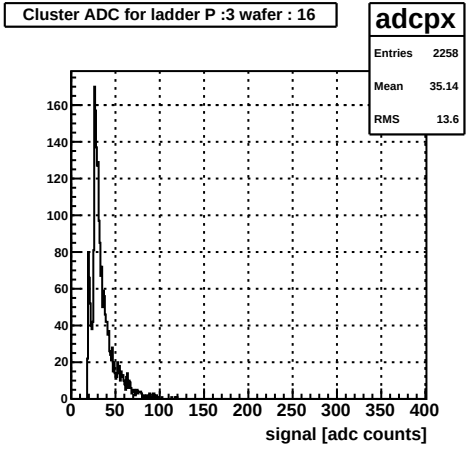

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 57
Mean 21.17
RMS 4.824
signal [adc counts]

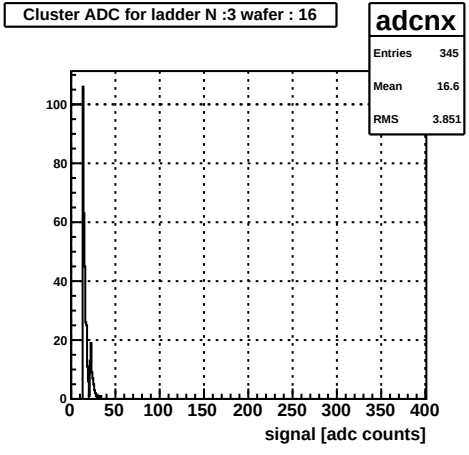

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 192
Mean 18.12
RMS 6.992
signal [adc counts]

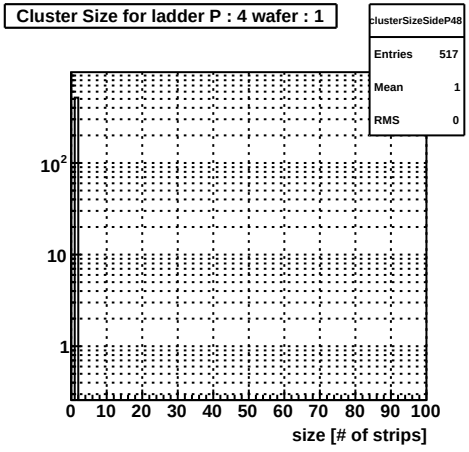

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2258
Mean 1.015
RMS 0.1236
size [# of strips]

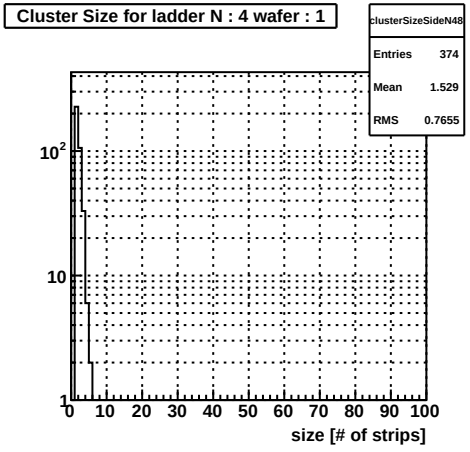

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 345
Mean 1.009
RMS 0.09284
size [# of strips]

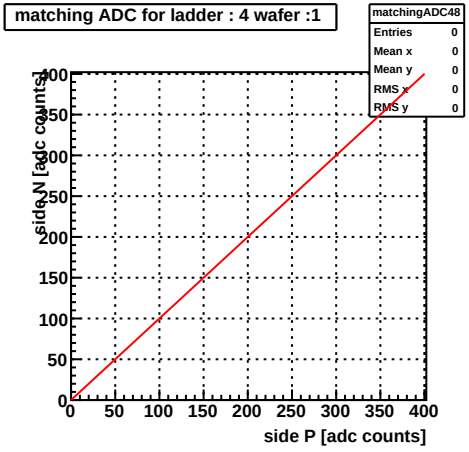

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

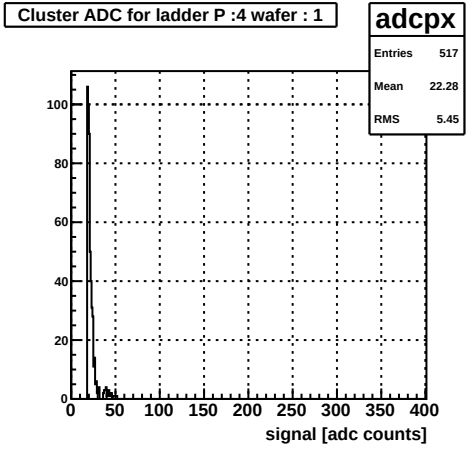

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2258
Mean 35.14
RMS 13.6
signal [adc counts]

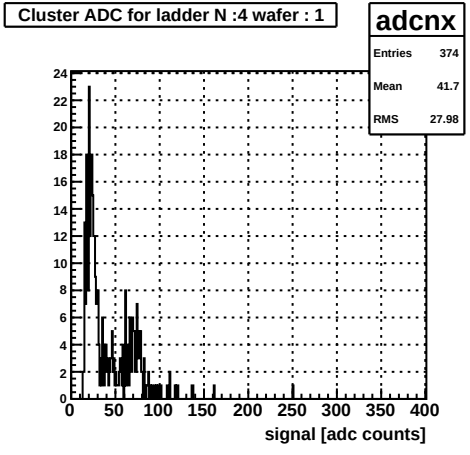

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 345
Mean 16.6
RMS 3.851
signal [adc counts]

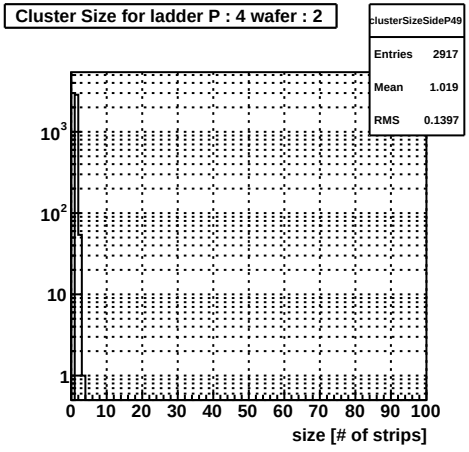

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 517
Mean 1
RMS 0
size [# of strips]

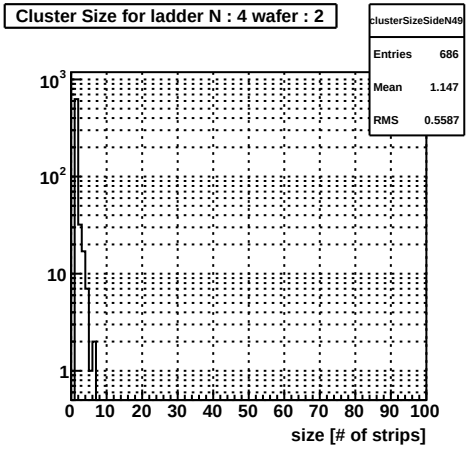

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 374
Mean 1.529
RMS 0.7655
size [# of strips]

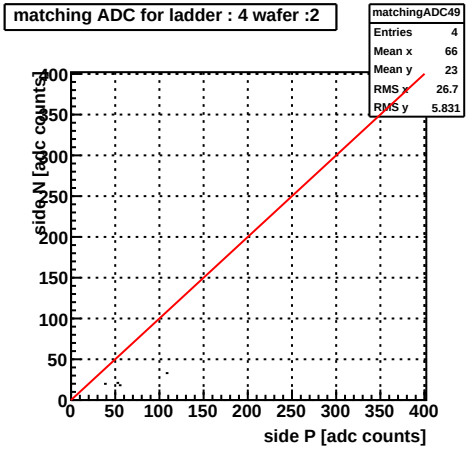

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

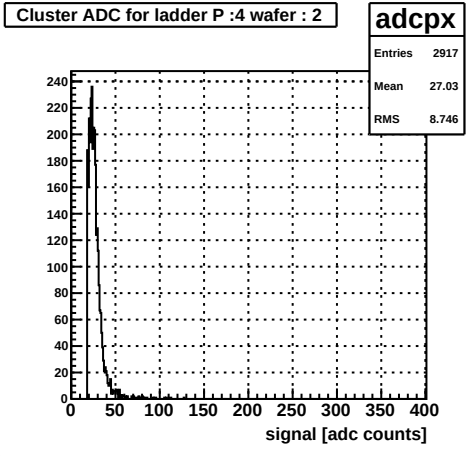

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 517
Mean 22.28
RMS 5.45
signal [adc counts]

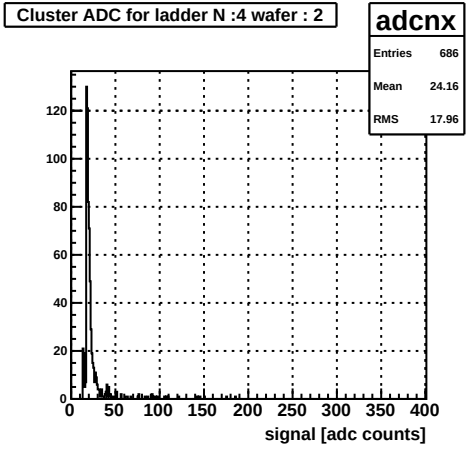

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 374
Mean 41.7
RMS 27.98
signal [adc counts]

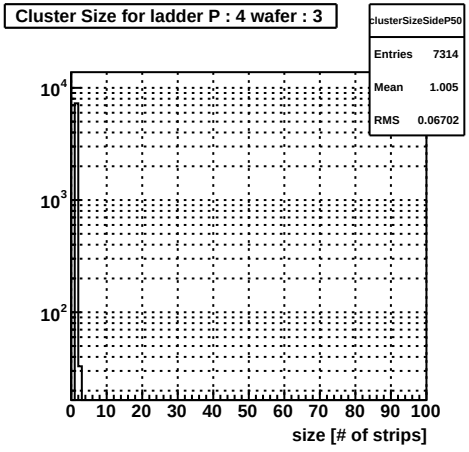

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2917
Mean 1.019
RMS 0.1397
size [# of strips]

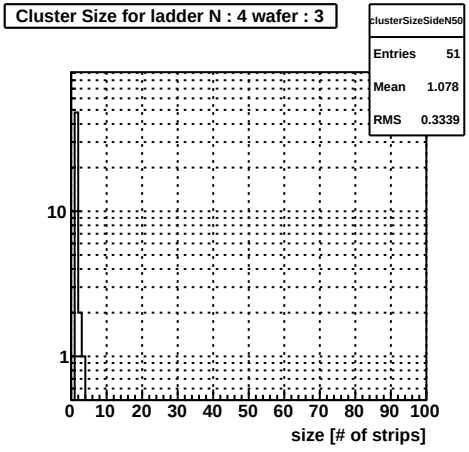

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 686
Mean 1.147
RMS 0.5587
size [# of strips]

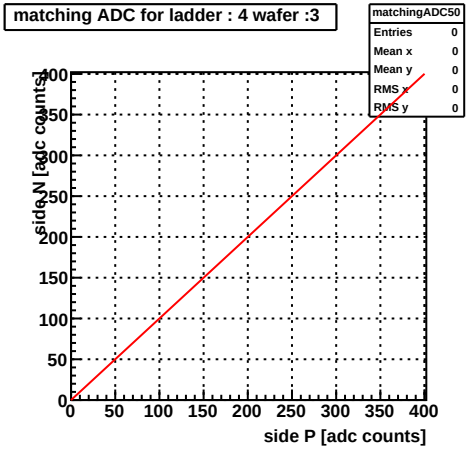

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 4
Mean x 66
Mean y 23
RMS x 26.7
RMS y 5.831
side N [adc counts]
side P [adc counts]

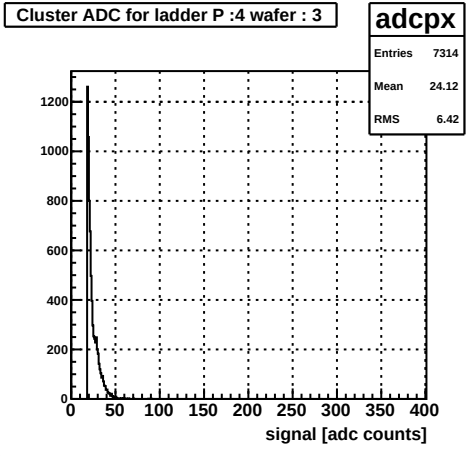

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2917
Mean 27.03
RMS 8.746
signal [adc counts]

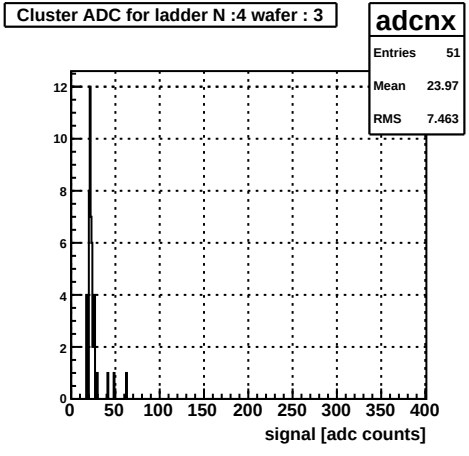

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 686
Mean 24.16
RMS 17.96
signal [adc counts]

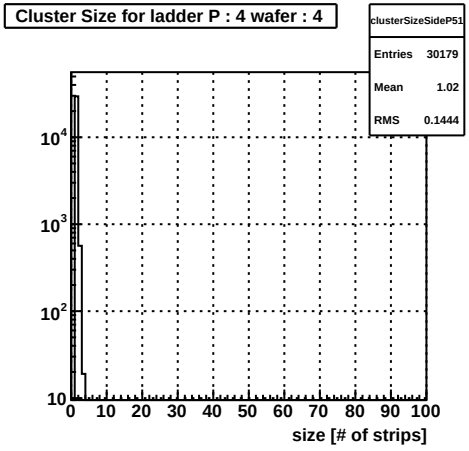

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 7314
Mean 1.005
RMS 0.06702
size [# of strips]

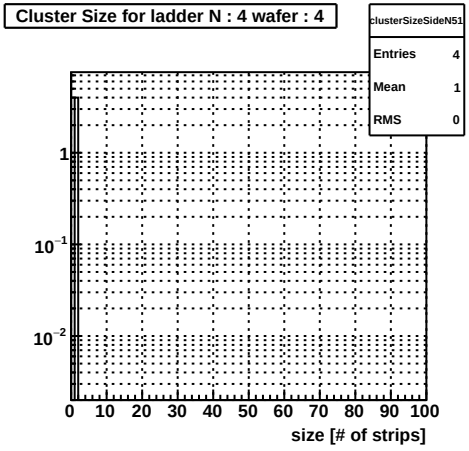

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 51
Mean 1.078
RMS 0.3339
size [# of strips]

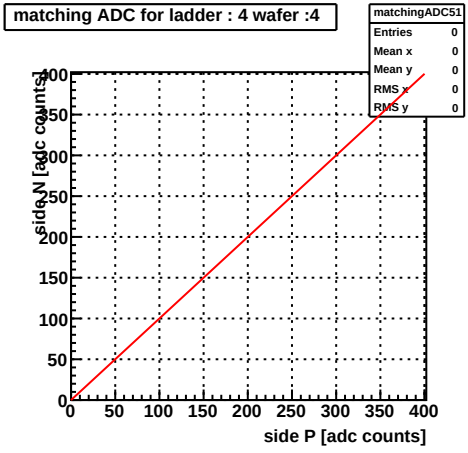

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

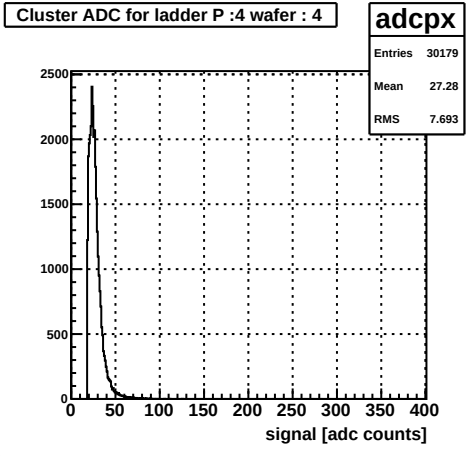

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 7314
Mean 24.12
RMS 6.42
signal [adc counts]

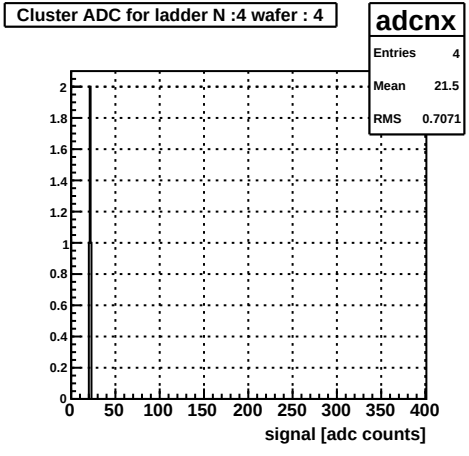

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 51
Mean 23.97
RMS 7.463
signal [adc counts]

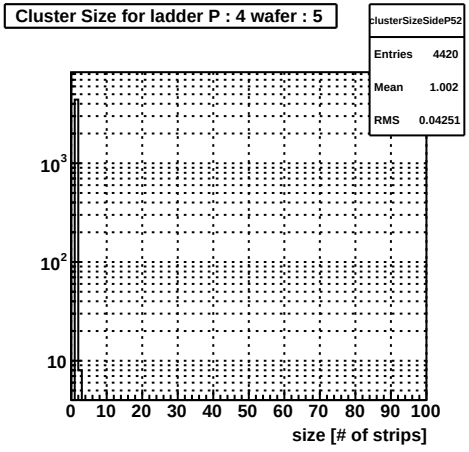

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 30179
Mean 1.02
RMS 0.1444
size [# of strips]

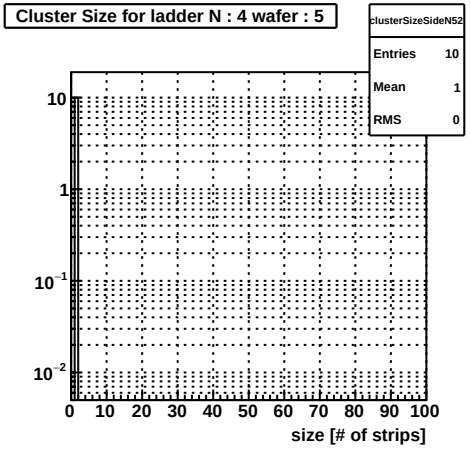

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4
Mean 1
RMS 0
size [# of strips]

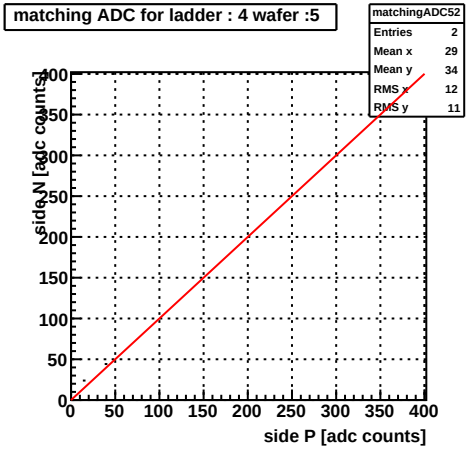

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

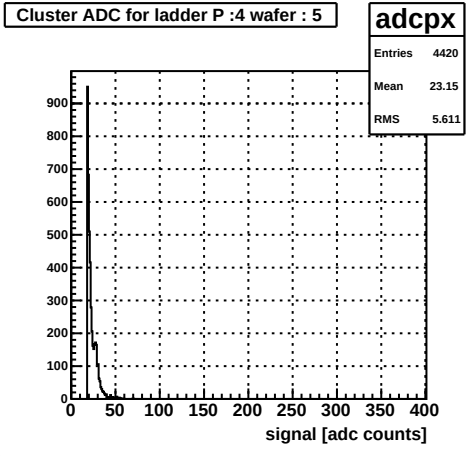

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 30179
Mean 27.28
RMS 7.693
signal [adc counts]

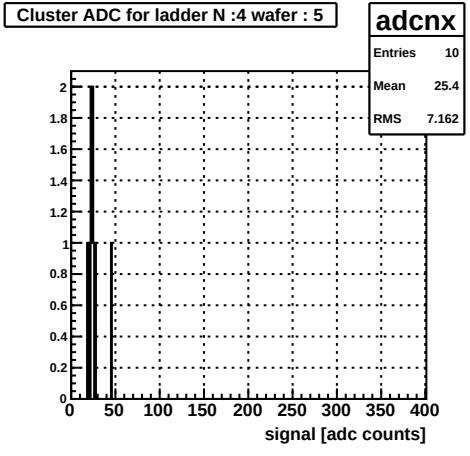

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4
Mean 21.5
RMS 0.7071
signal [adc counts]

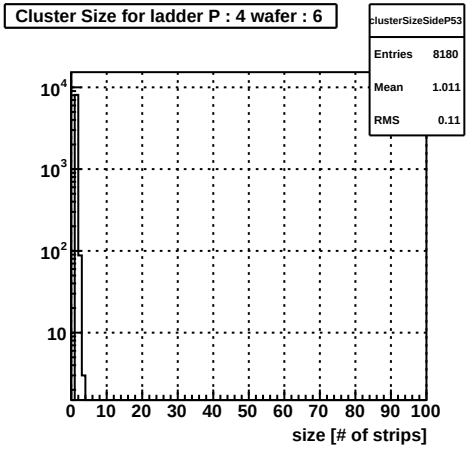

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 4420
Mean 1.002
RMS 0.04251
size [# of strips]

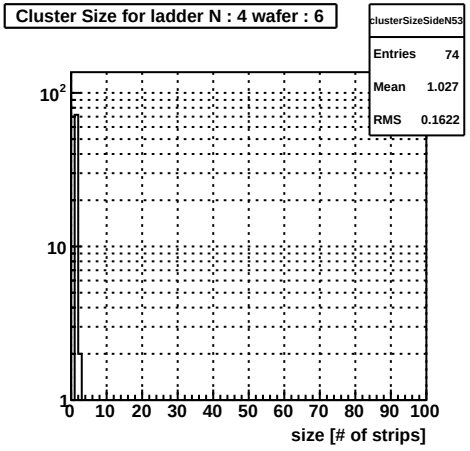

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 10
Mean 1
RMS 0
size [# of strips]

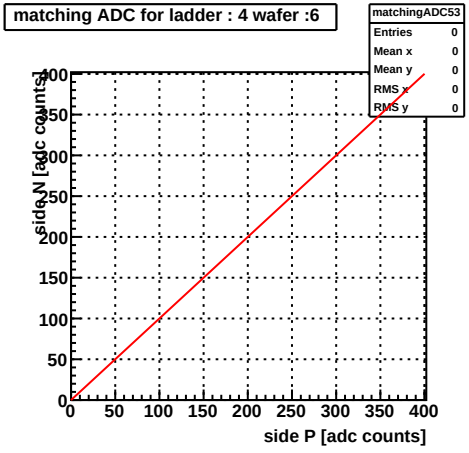

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 2
Mean x 29
Mean y 34
RMS x 12
RMS y 11
side N [adc counts]
side P [adc counts]

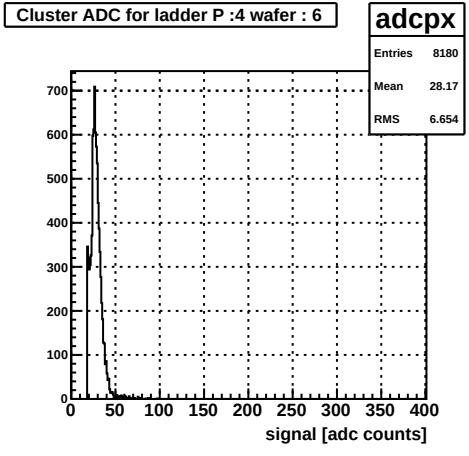

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 4420
Mean 23.15
RMS 5.611
signal [adc counts]

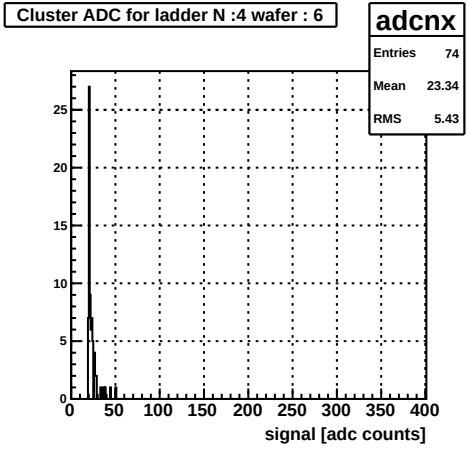

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 10
Mean 25.4
RMS 7.162
signal [adc counts]

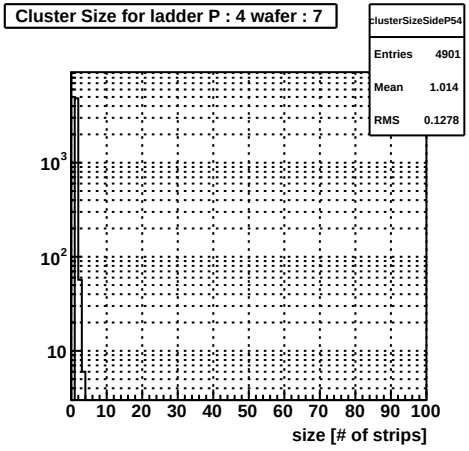

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 8180
Mean 1.011
RMS 0.11
size [# of strips]

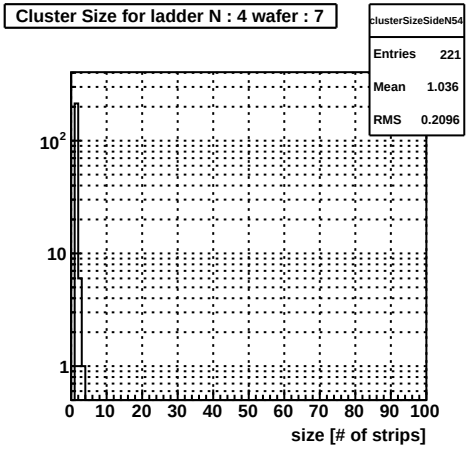

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 74
Mean 1.027
RMS 0.1622
size [# of strips]

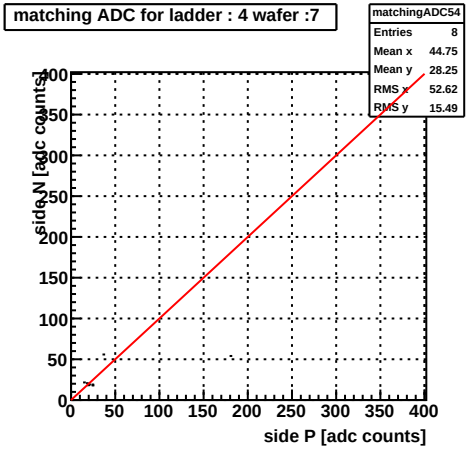

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

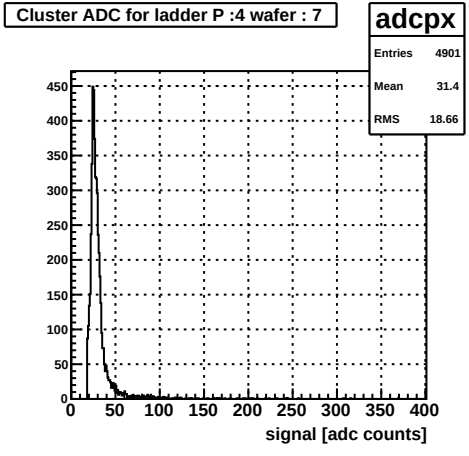

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 8180
Mean 28.17
RMS 6.654
signal [adc counts]

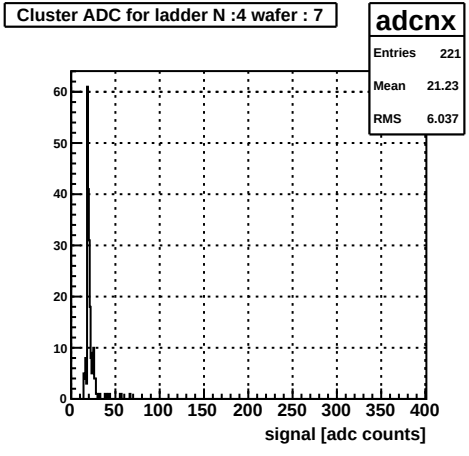

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 74
Mean 23.34
RMS 5.43
signal [adc counts]

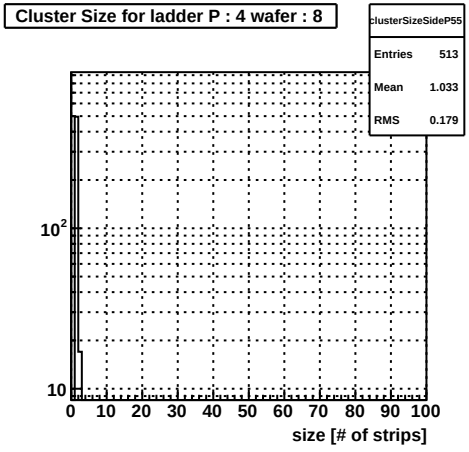

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4901
Mean 1.014
RMS 0.1278
size [# of strips]

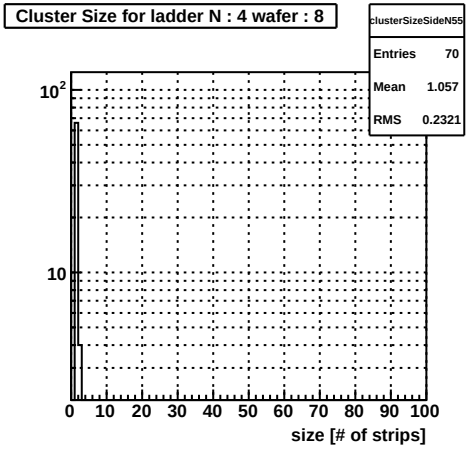

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 221
Mean 1.036
RMS 0.2096
size [# of strips]

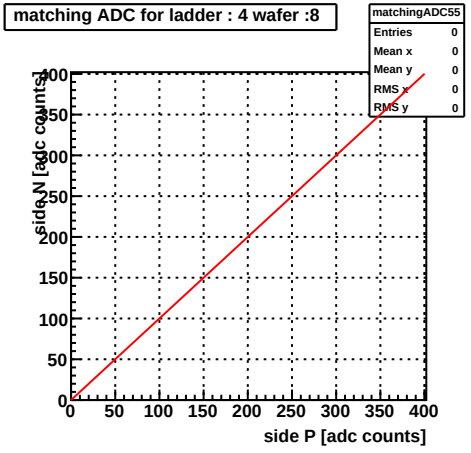

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 8
Mean x 44.75
Mean y 28.25
RMS x 52.62
RMS y 15.49
side N [adc counts]
side P [adc counts]

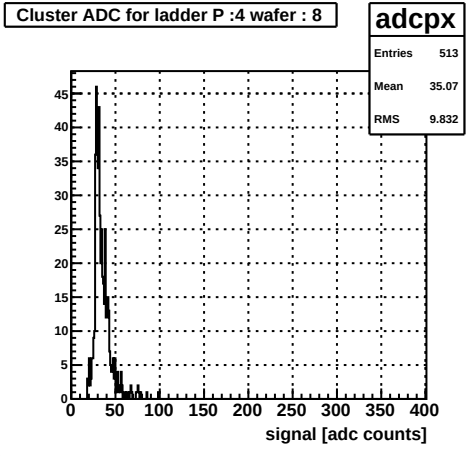

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4901
Mean 31.4
RMS 18.66
signal [adc counts]

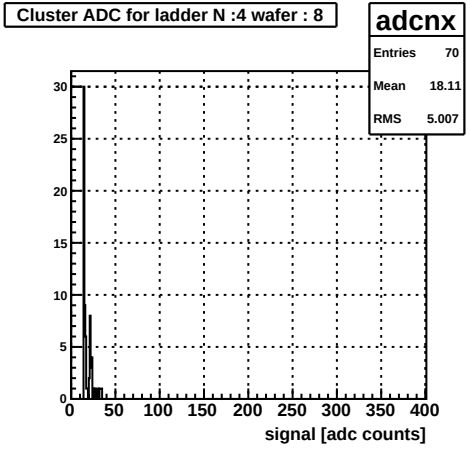

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 221
Mean 21.23
RMS 6.037
signal [adc counts]

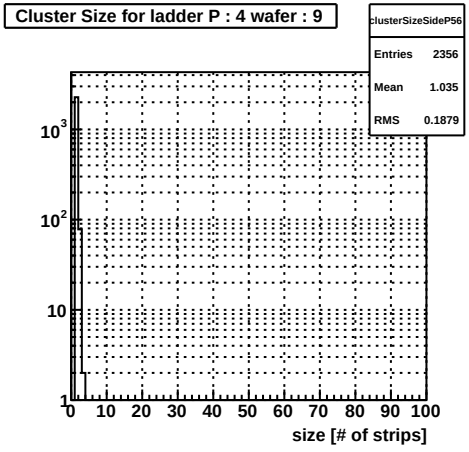

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 513
Mean 1.033
RMS 0.179
size [# of strips]

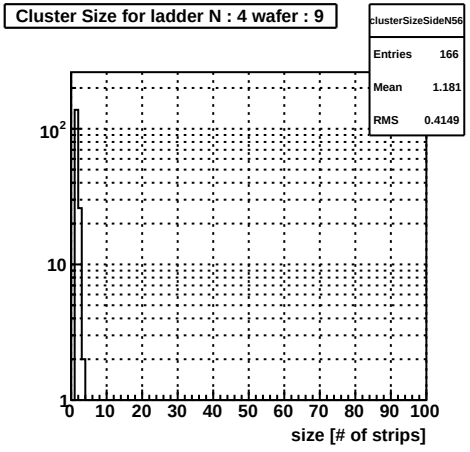

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 70
Mean 1.057
RMS 0.2321
size [# of strips]

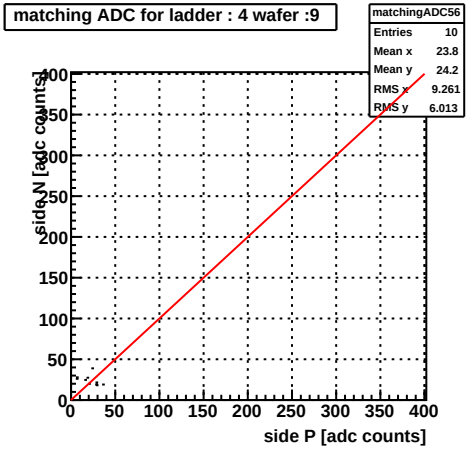

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

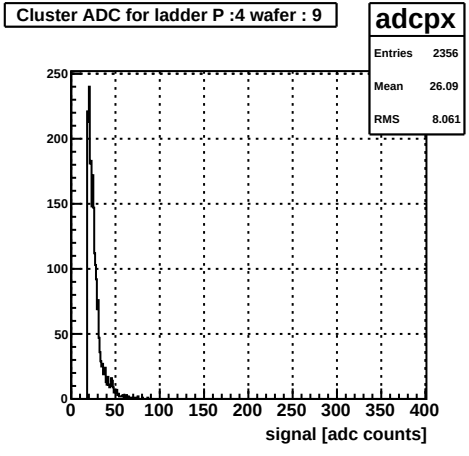

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 513
Mean 35.07
RMS 9.832
signal [adc counts]

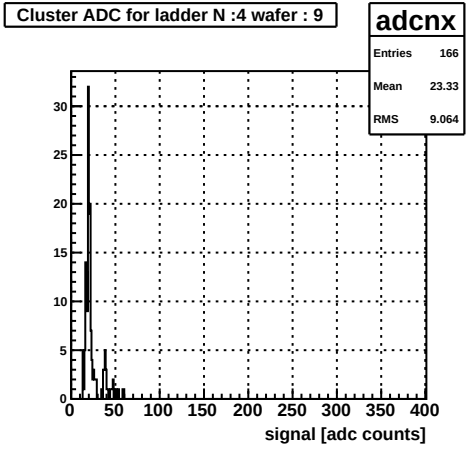

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 70
Mean 18.11
RMS 5.007
signal [adc counts]

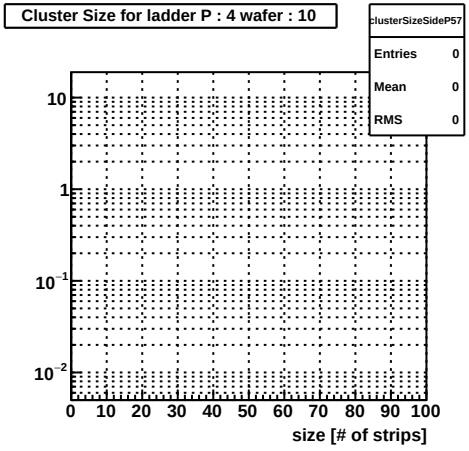

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2356
Mean 1.035
RMS 0.1879
size [# of strips]

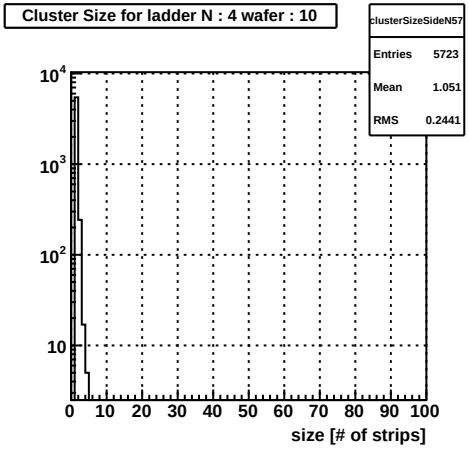

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 166
Mean 1.181
RMS 0.4149
size [# of strips]

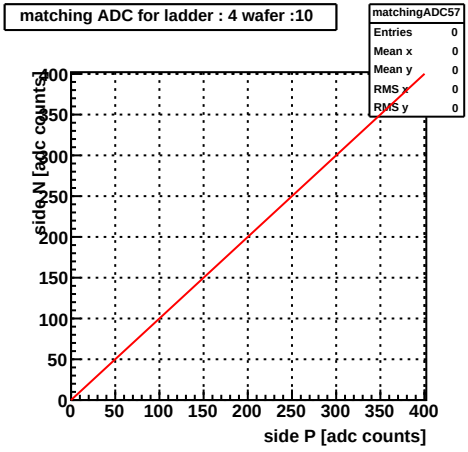

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 10
Mean x 23.8
Mean y 24.2
RMS x 9.261
RMS y 6.013
side N [adc counts]
side P [adc counts]

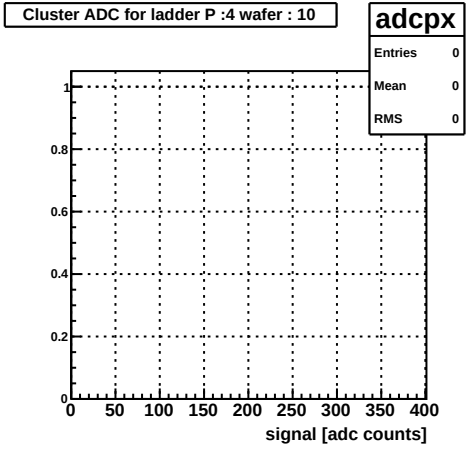

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2356
Mean 26.09
RMS 8.061
signal [adc counts]

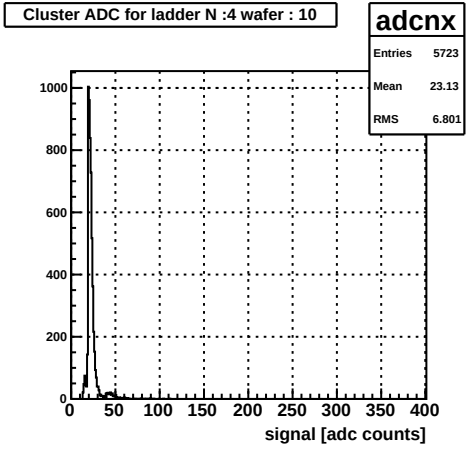

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 166
Mean 23.33
RMS 9.064
signal [adc counts]

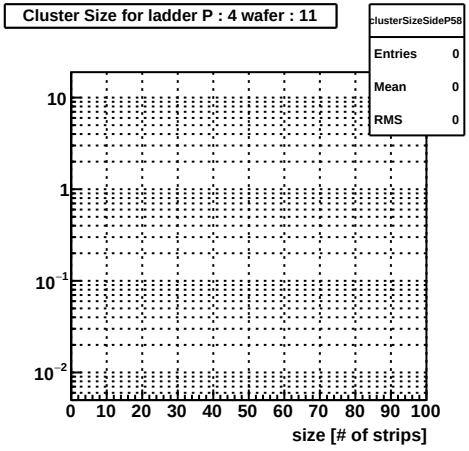

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

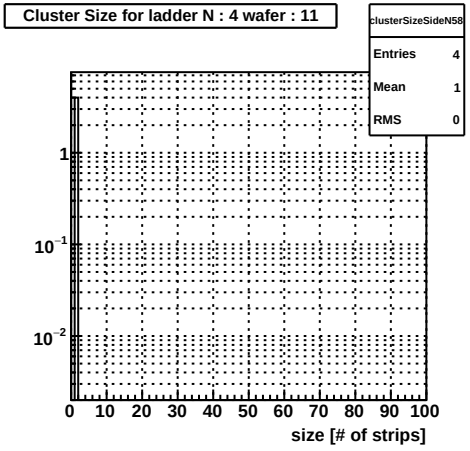

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 5723
Mean 1.051
RMS 0.2441
size [# of strips]

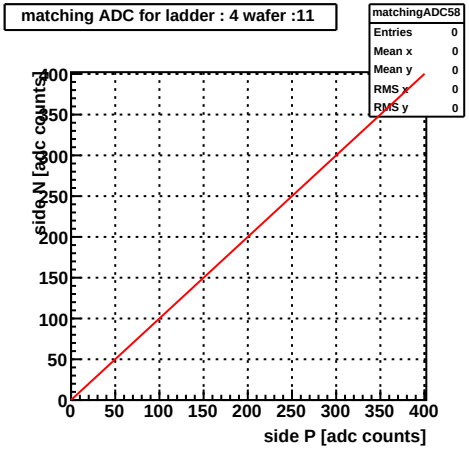

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

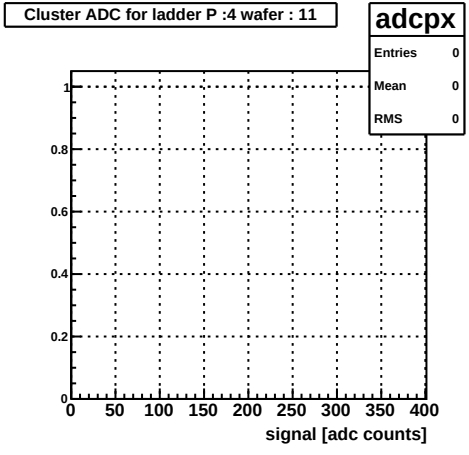

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

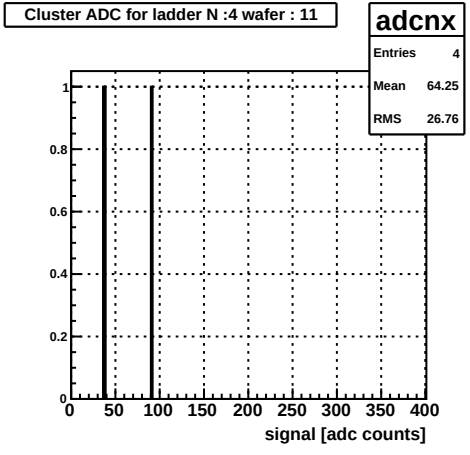

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 5723
Mean 23.13
RMS 6.801
signal [adc counts]

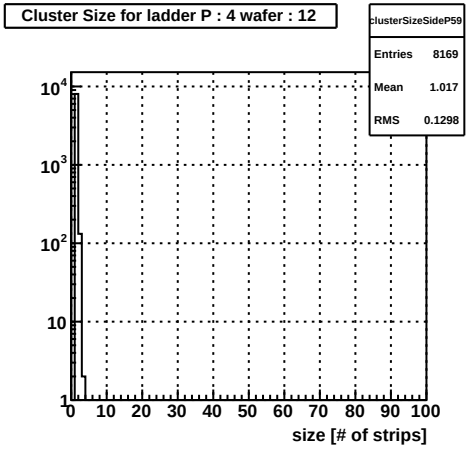

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 0
Mean 0
RMS 0
size [# of strips]

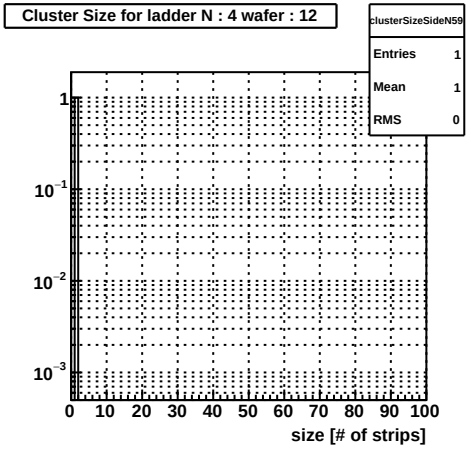

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 4
Mean 1
RMS 0
size [# of strips]

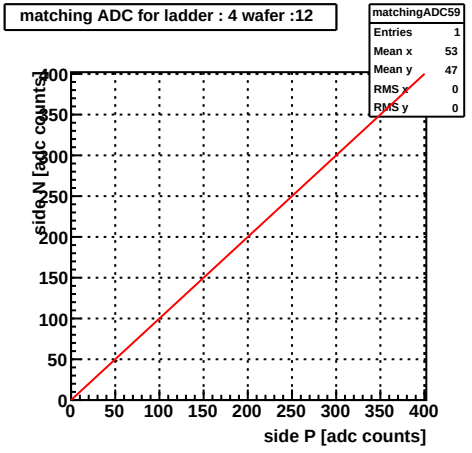

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

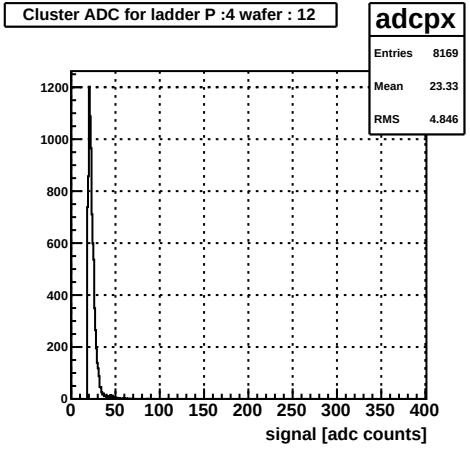

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

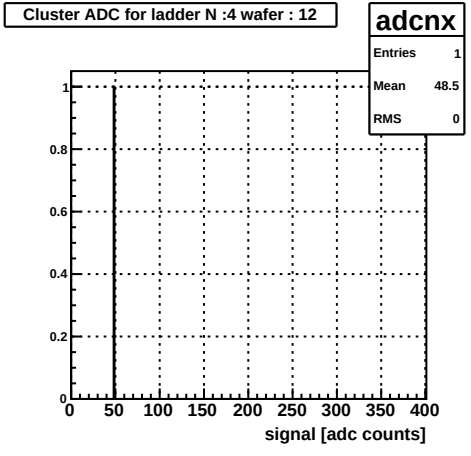

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 4
Mean 64.25
RMS 26.76
signal [adc counts]

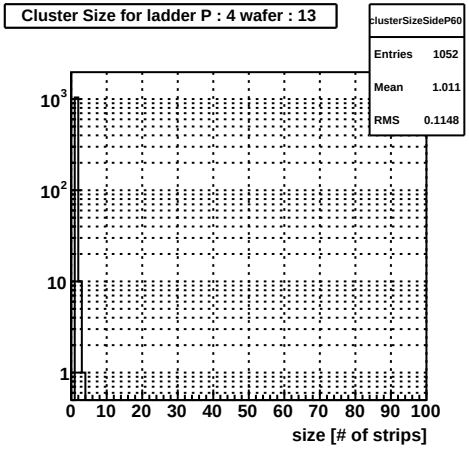

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8169
Mean 1.017
RMS 0.1298
size [# of strips]

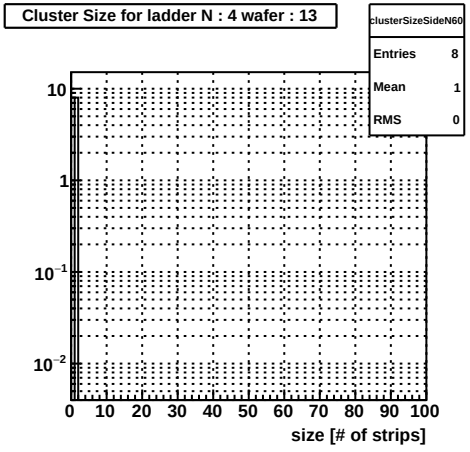

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1
Mean 1
RMS 0
size [# of strips]

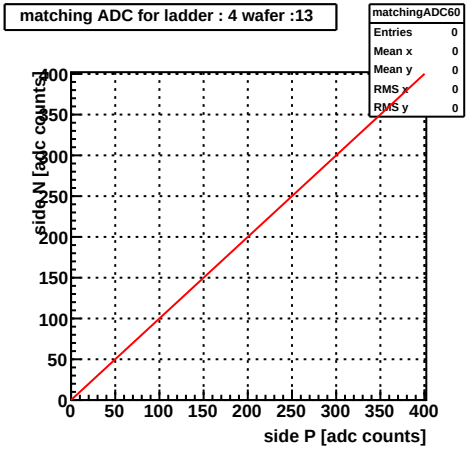

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1
Mean x 53
Mean y 47
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

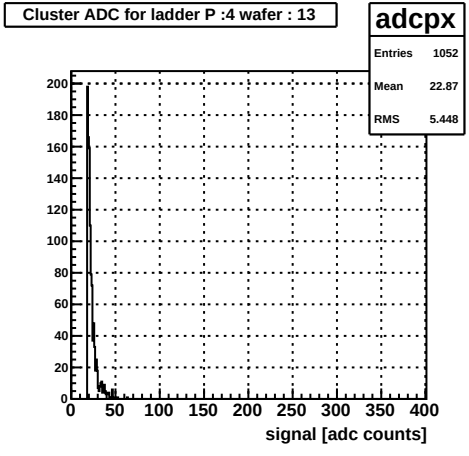

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8169
Mean 23.33
RMS 4.846
signal [adc counts]

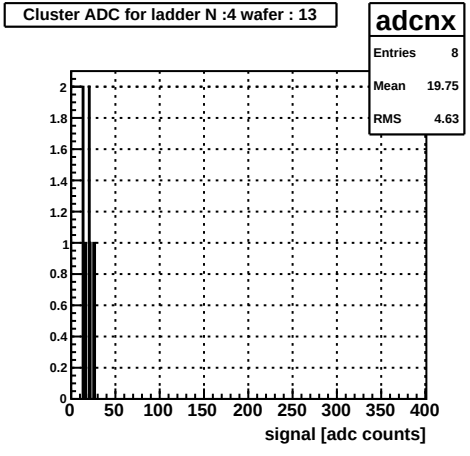

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1
Mean 48.5
RMS 0
signal [adc counts]

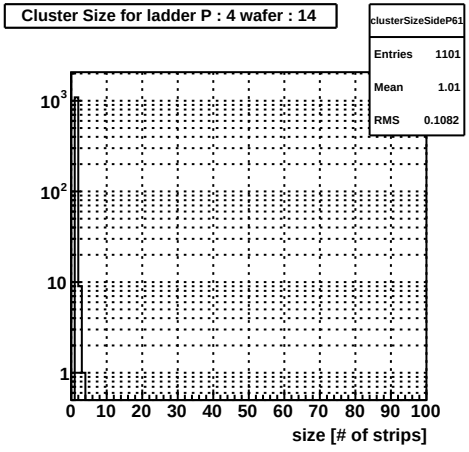

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1052
Mean 1.011
RMS 0.1148
size [# of strips]

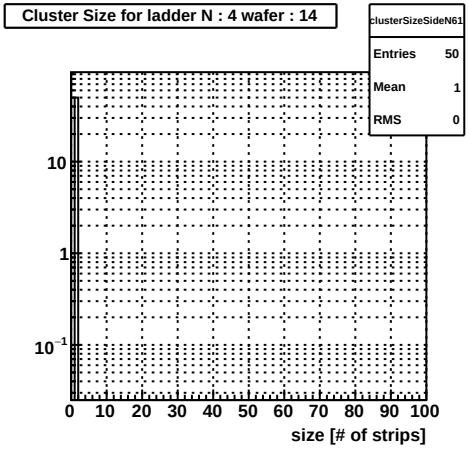

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 8
Mean 1
RMS 0
size [# of strips]

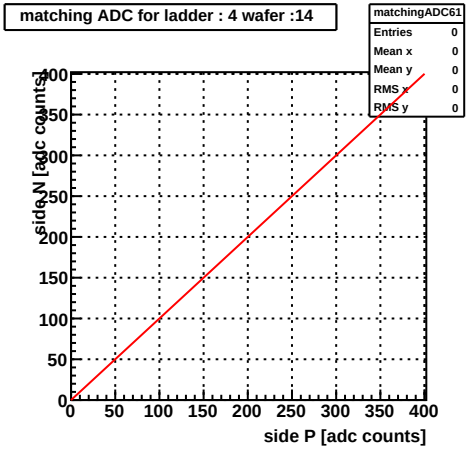

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

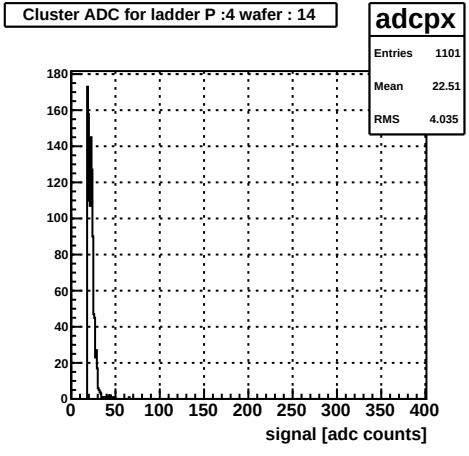

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1052
Mean 22.87
RMS 5.448
signal [adc counts]

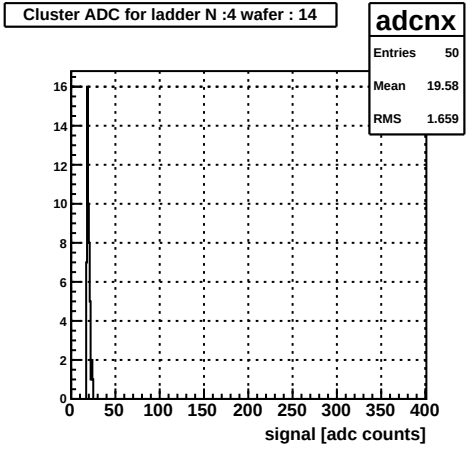

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 8
Mean 19.75
RMS 4.63
signal [adc counts]

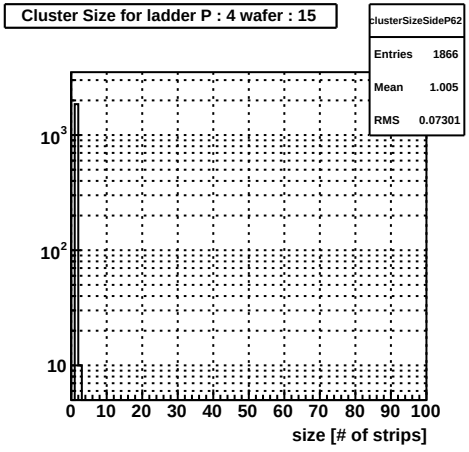

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 1101
Mean 1.01
RMS 0.1082
size [# of strips]

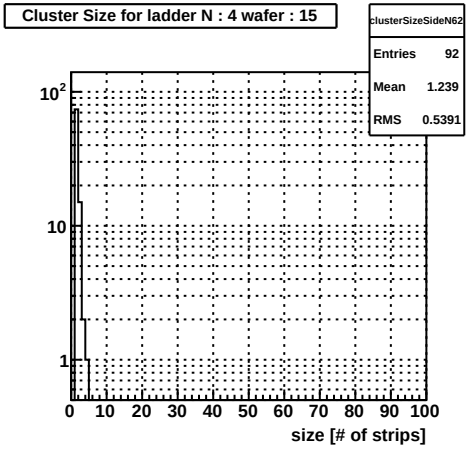

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 50
Mean 1
RMS 0
size [# of strips]

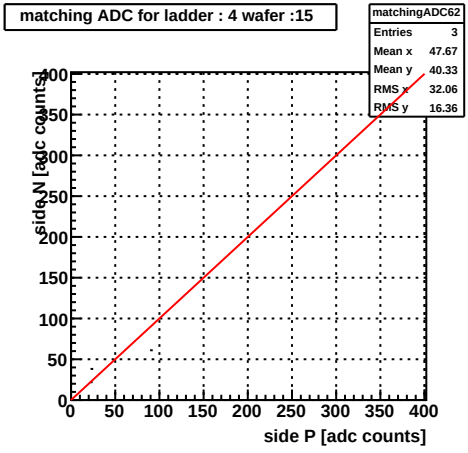

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

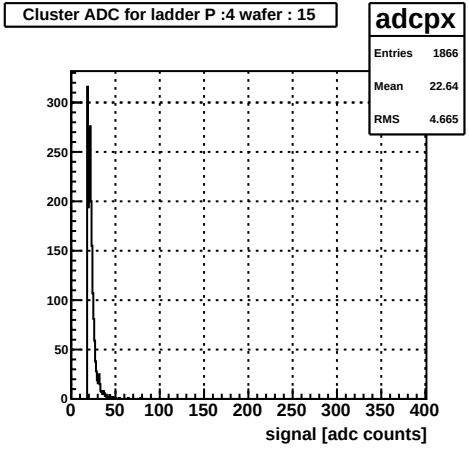

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 1101
Mean 22.51
RMS 4.035
signal [adc counts]

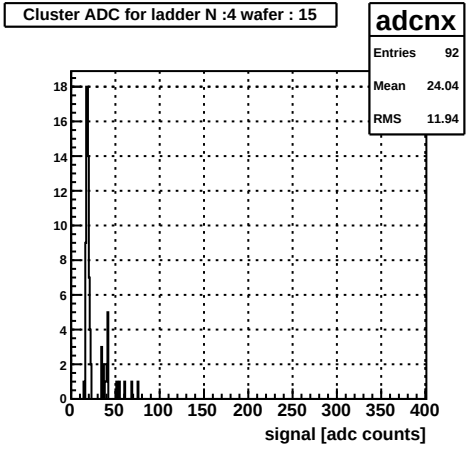

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 50
Mean 19.58
RMS 1.659
signal [adc counts]

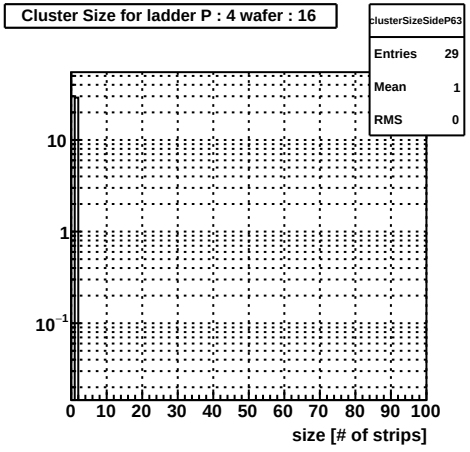

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 1866
Mean 1.005
RMS 0.07301
size [# of strips]

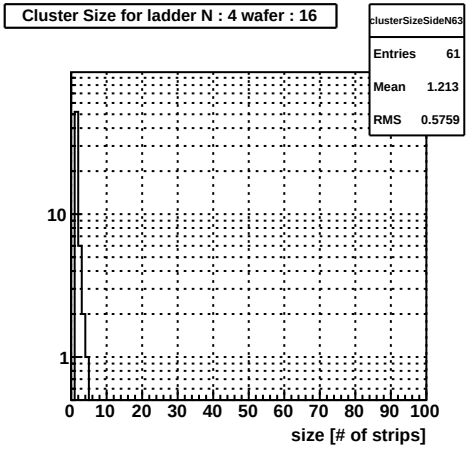

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 92
Mean 1.239
RMS 0.5391
size [# of strips]

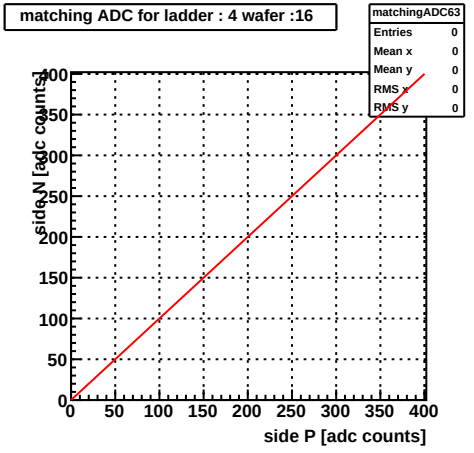

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 3
Mean x 47.67
Mean y 40.33
RMS x 32.06
RMS y 16.36
side N [adc counts]
side P [adc counts]

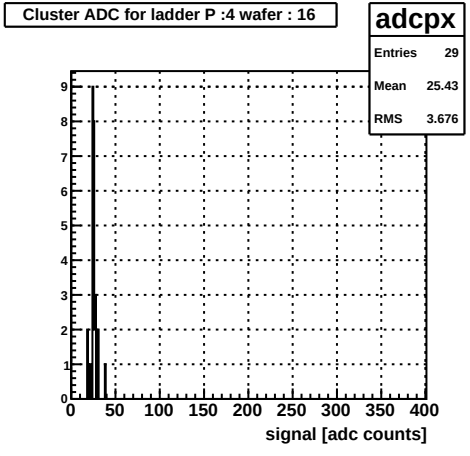

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 1866
Mean 22.64
RMS 4.665
signal [adc counts]

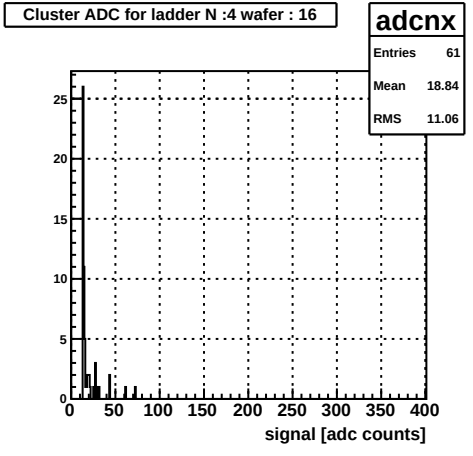

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 92
Mean 24.04
RMS 11.94
signal [adc counts]

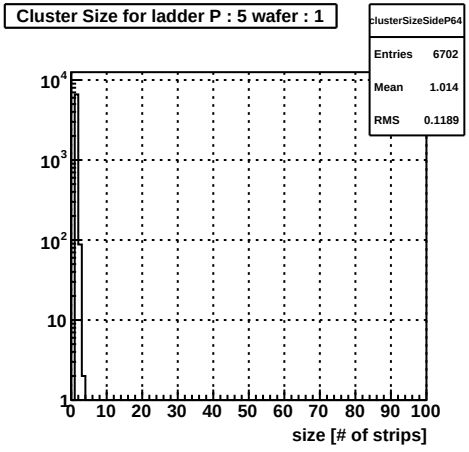

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 29
Mean 1
RMS 0
size [# of strips]

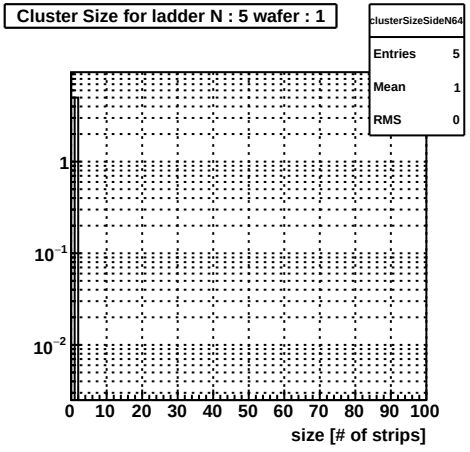

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 61
Mean 1.213
RMS 0.5759
size [# of strips]

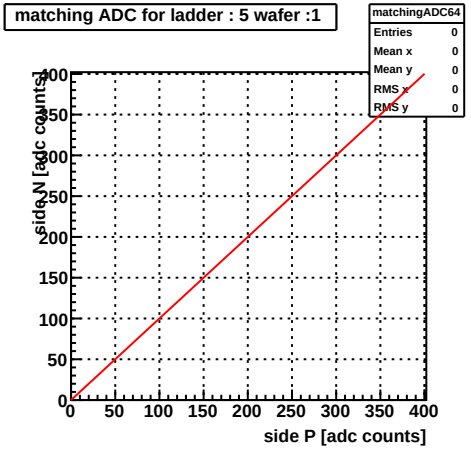

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

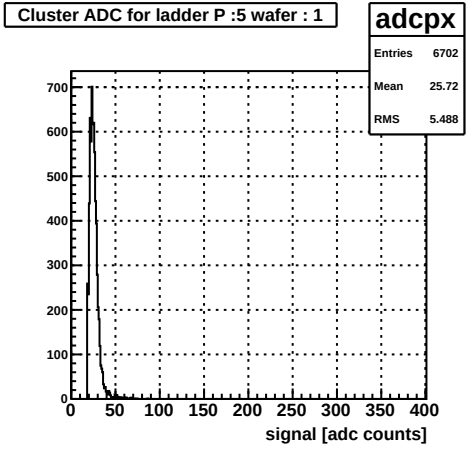

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 29
Mean 25.43
RMS 3.676
signal [adc counts]

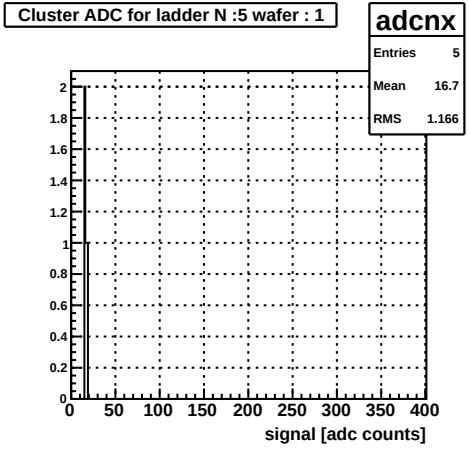

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 61
Mean 18.84
RMS 11.06
signal [adc counts]

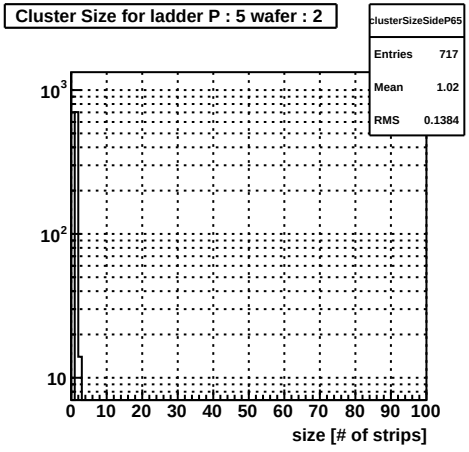

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 6702
Mean 1.014
RMS 0.1189
size [# of strips]

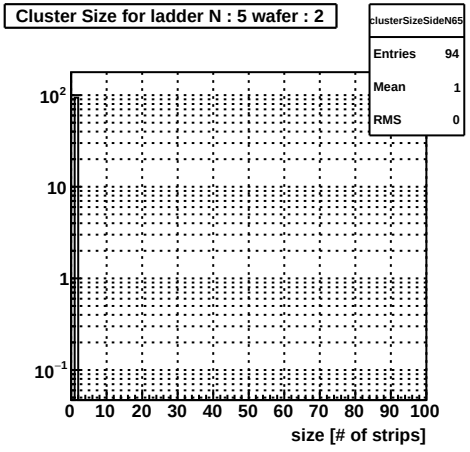

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 5
Mean 1
RMS 0
size [# of strips]

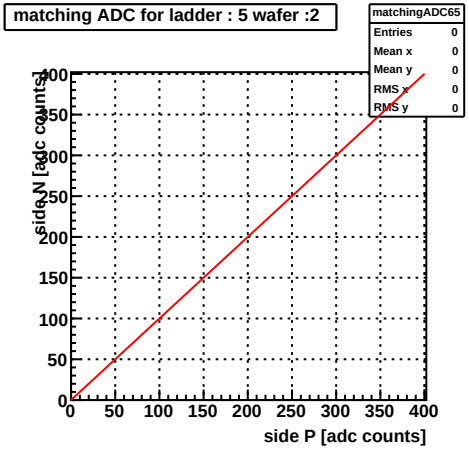

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

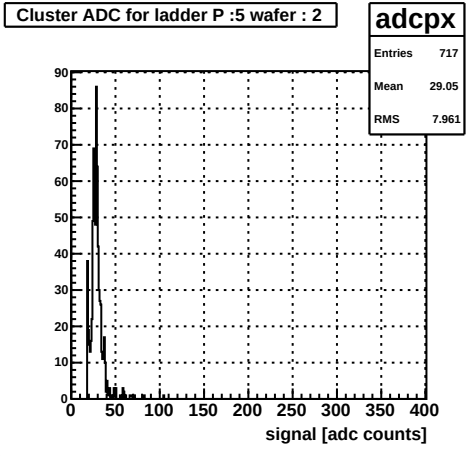

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 6702
Mean 25.72
RMS 5.488
signal [adc counts]

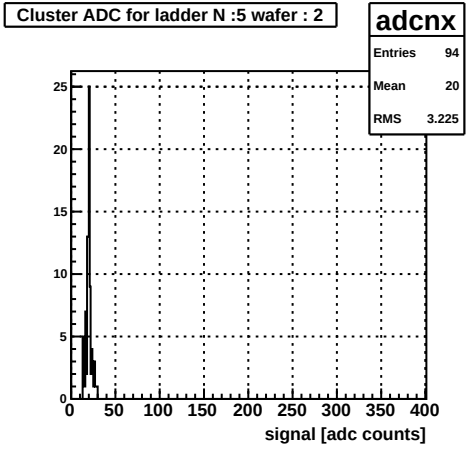

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 5
Mean 16.7
RMS 1.166
signal [adc counts]

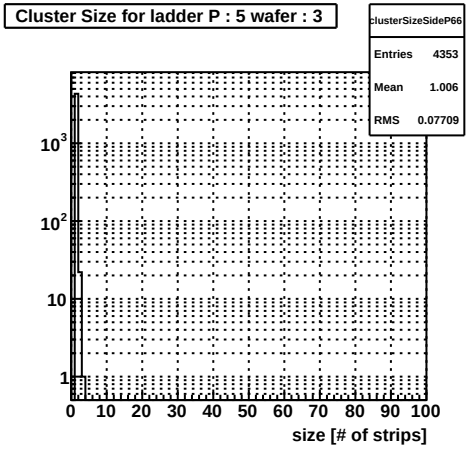

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 717
Mean 1.02
RMS 0.1384
size [# of strips]

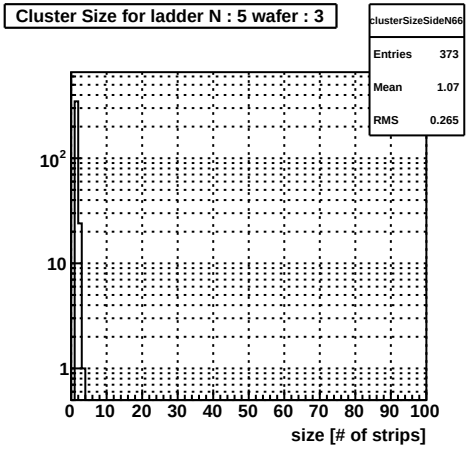

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 94
Mean 1
RMS 0
size [# of strips]

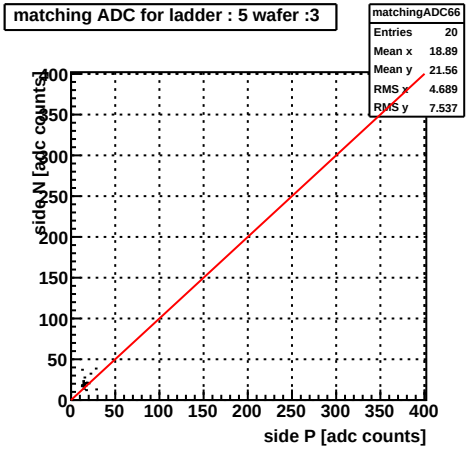

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

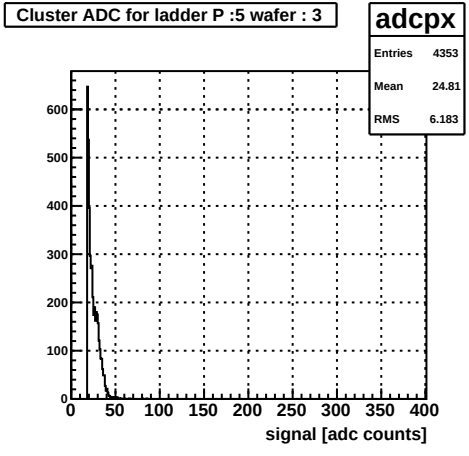

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 717
Mean 29.05
RMS 7.961
signal [adc counts]

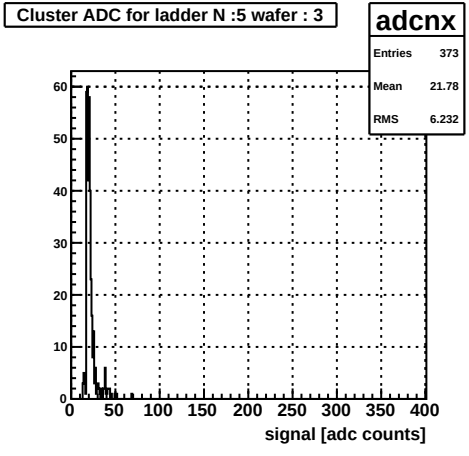

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 94
Mean 20
RMS 3.225
signal [adc counts]

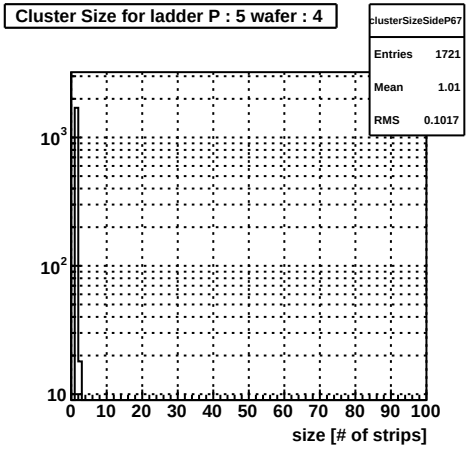

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 4353
Mean 1.006
RMS 0.07709
size [# of strips]

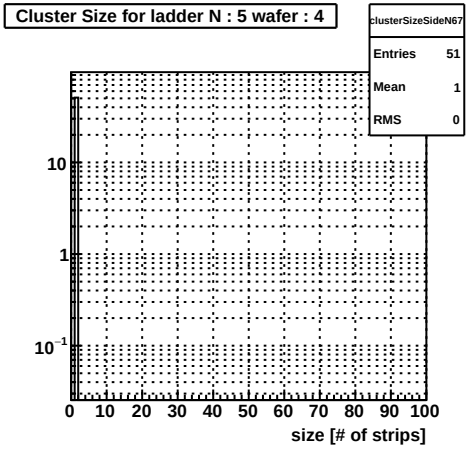

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 373
Mean 1.07
RMS 0.265
size [# of strips]

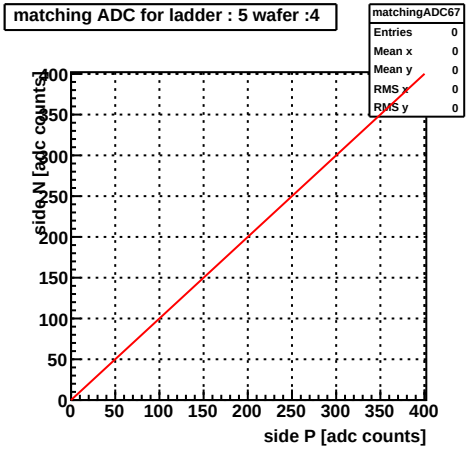

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 20
Mean x 18.89
Mean y 21.56
RMS x 4.689
RMS y 7.537
side N [adc counts]
side P [adc counts]

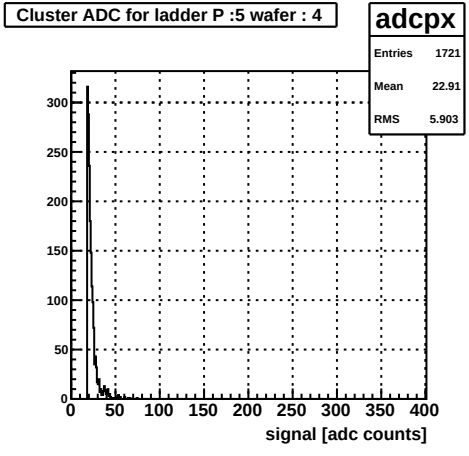

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 4353
Mean 24.81
RMS 6.183
signal [adc counts]

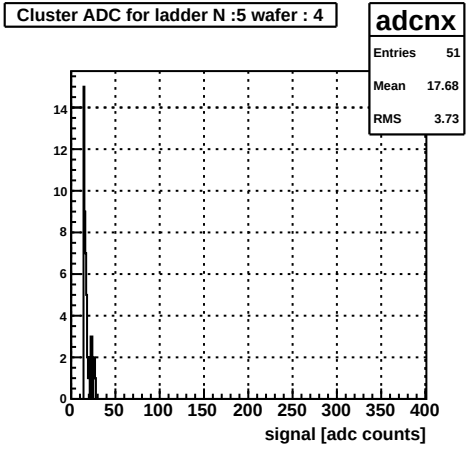

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 373
Mean 21.78
RMS 6.232
signal [adc counts]

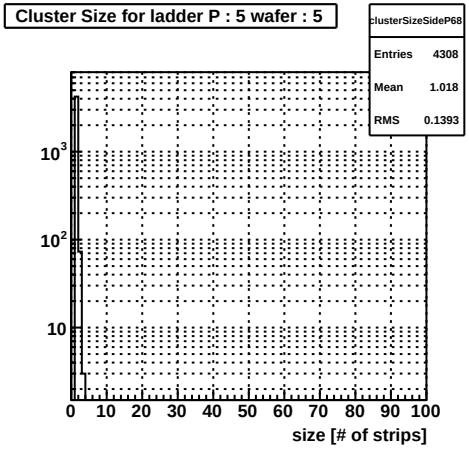

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 1721
Mean 1.01
RMS 0.1017
size [# of strips]

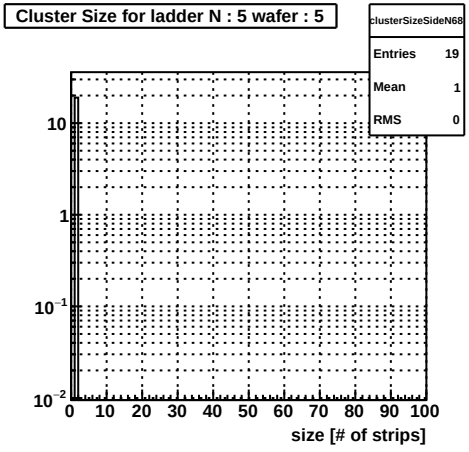

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 51
Mean 1
RMS 0
size [# of strips]

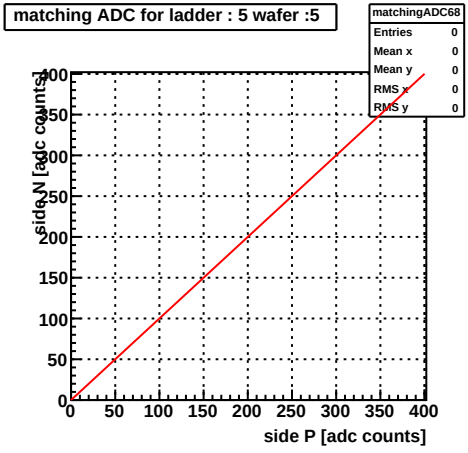

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

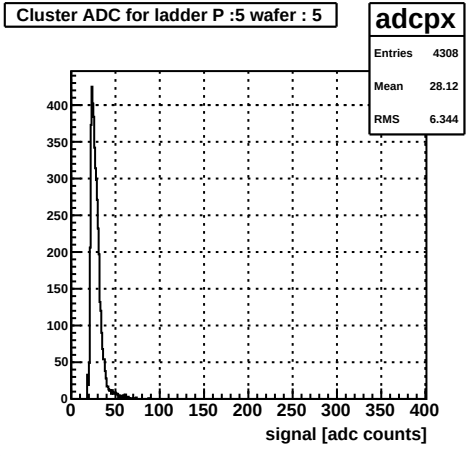

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 1721
Mean 22.91
RMS 5.903
signal [adc counts]

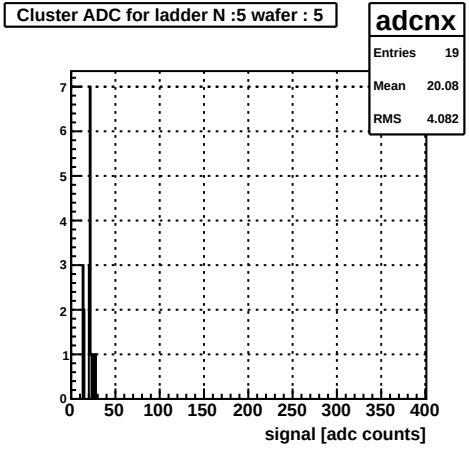

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 51
Mean 17.68
RMS 3.73
signal [adc counts]

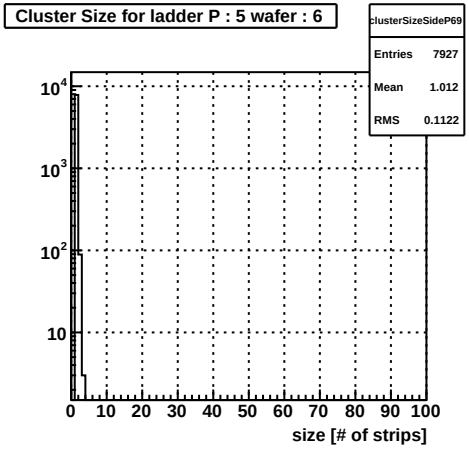

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 4308
Mean 1.018
RMS 0.1393
size [# of strips]

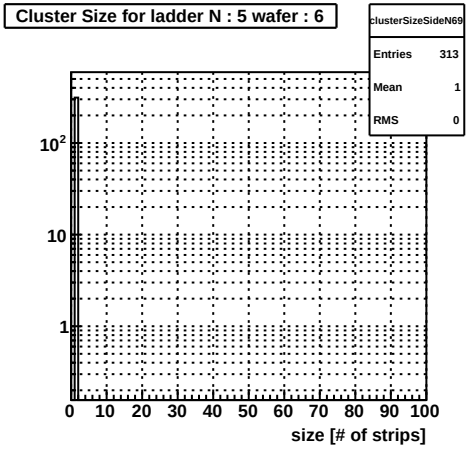

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 19
Mean 1
RMS 0
size [# of strips]

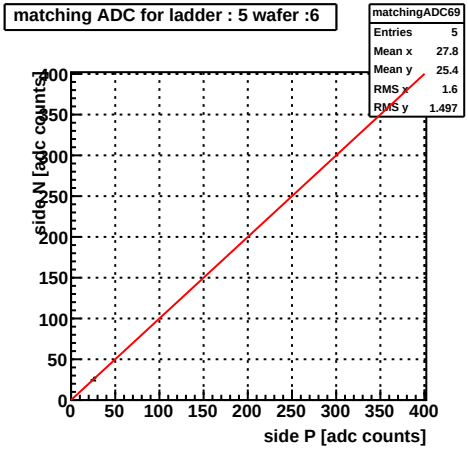

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

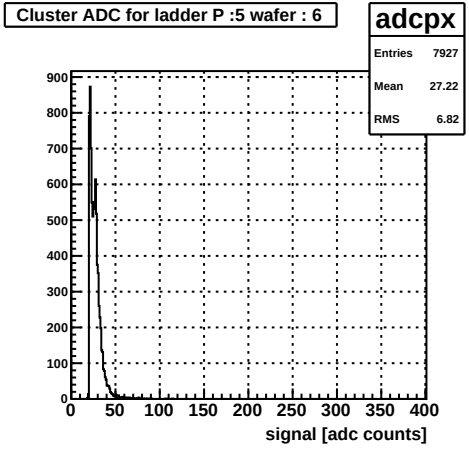

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 4308
Mean 28.12
RMS 6.344
signal [adc counts]

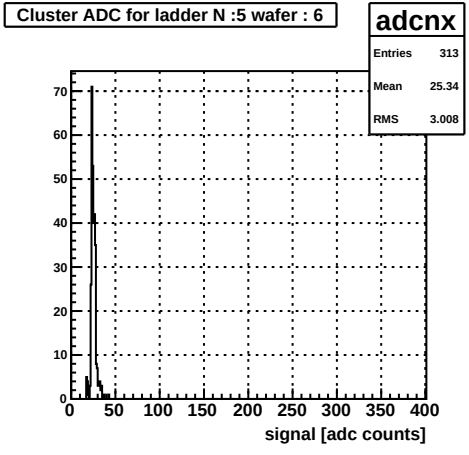

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 19
Mean 20.08
RMS 4.082
signal [adc counts]

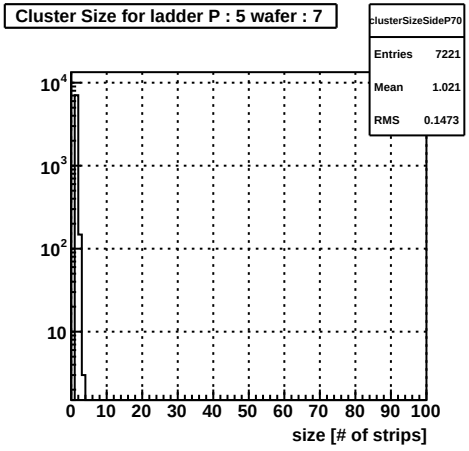

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 7927
Mean 1.012
RMS 0.1122
size [# of strips]

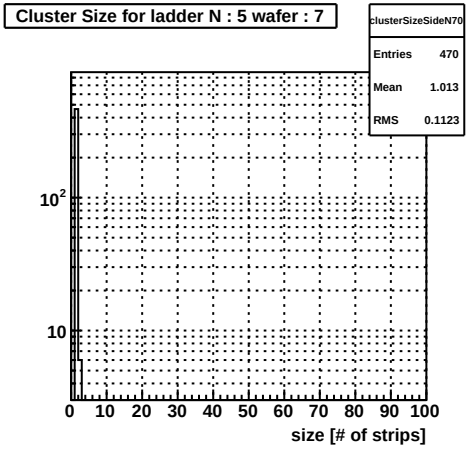

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 313
Mean 1
RMS 0
size [# of strips]

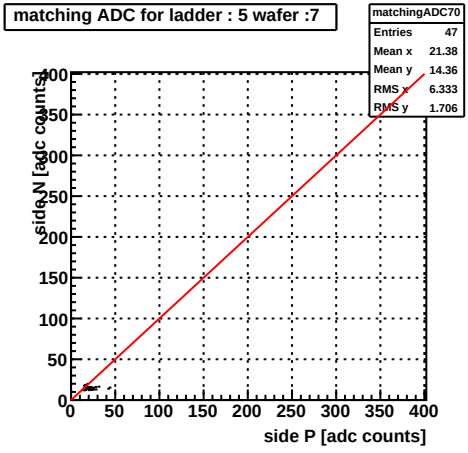

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 5
Mean x 27.8
Mean y 25.4
RMS x 1.6
RMS y 1.497
side N [adc counts]
side P [adc counts]

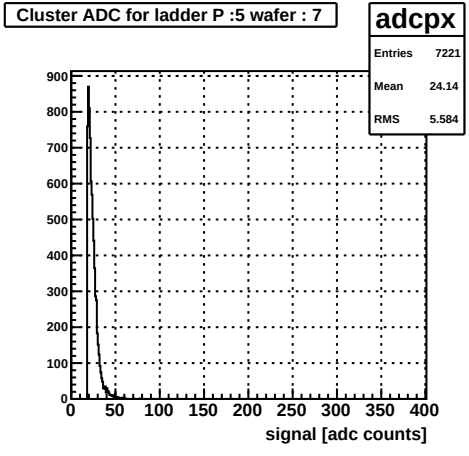

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 7927
Mean 27.22
RMS 6.82
signal [adc counts]

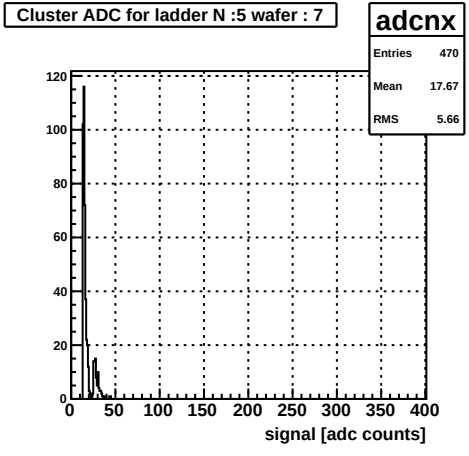

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 313
Mean 25.34
RMS 3.008
signal [adc counts]

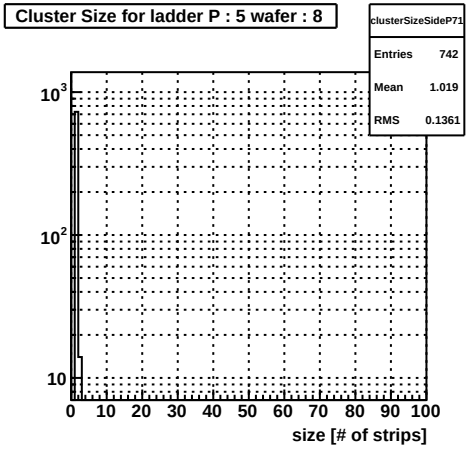

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7221
Mean 1.021
RMS 0.1473
size [# of strips]

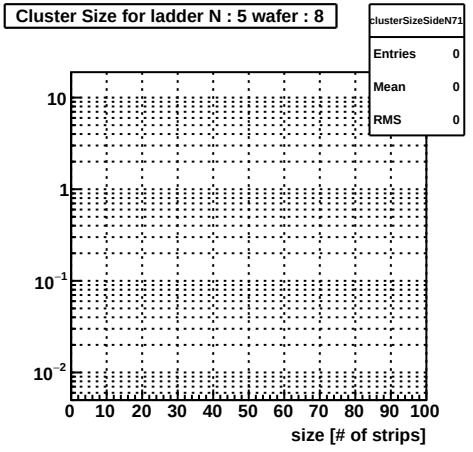

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 470
Mean 1.013
RMS 0.1123
size [# of strips]

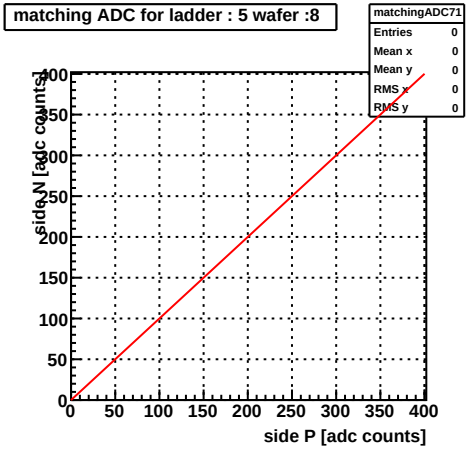

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 47
Mean x 21.38
Mean y 14.36
RMS x 6.333
RMS y 1.706
side N [adc counts]
side P [adc counts]

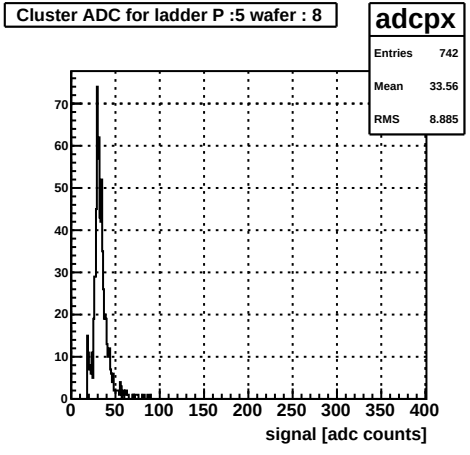

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7221
Mean 24.14
RMS 5.584
signal [adc counts]

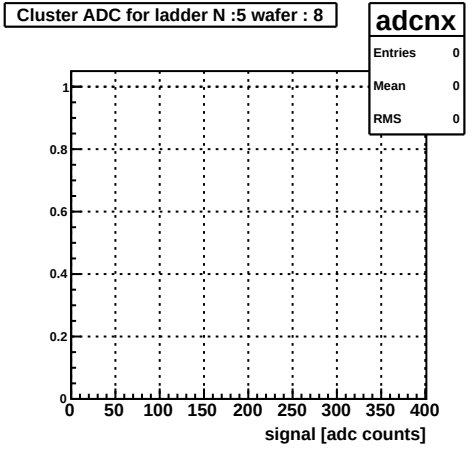

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 470
Mean 17.67
RMS 5.66
signal [adc counts]

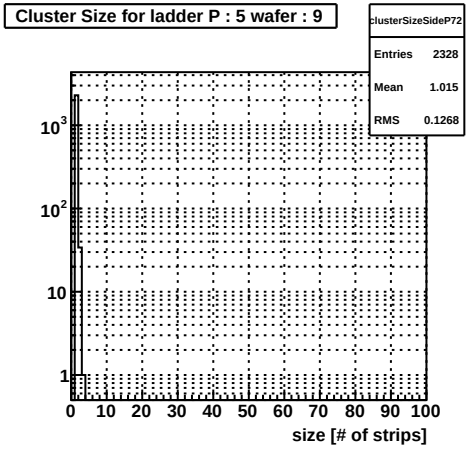

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 742
Mean 1.019
RMS 0.1361
size [# of strips]

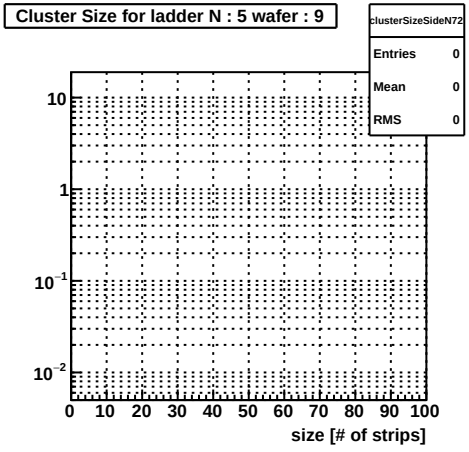

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

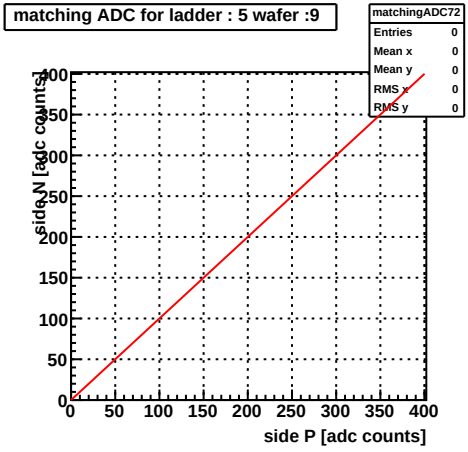

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

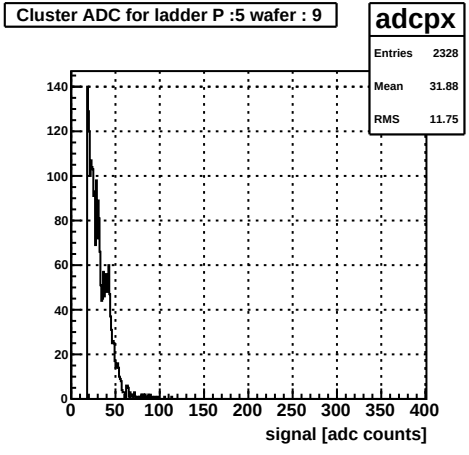

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 742
Mean 33.56
RMS 8.885
signal [adc counts]

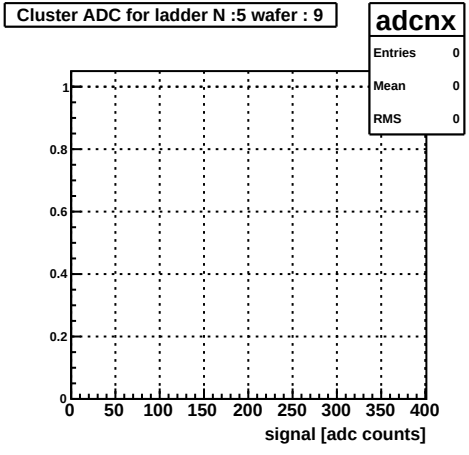

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

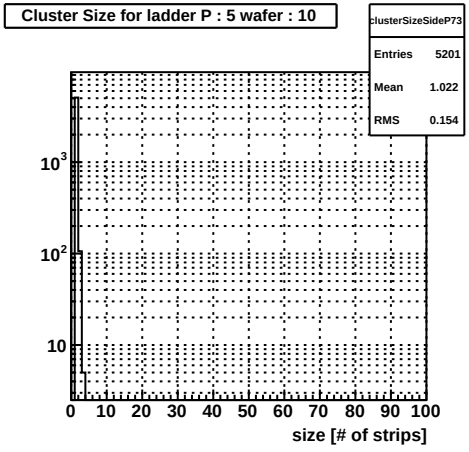

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2328
Mean 1.015
RMS 0.1268
size [# of strips]

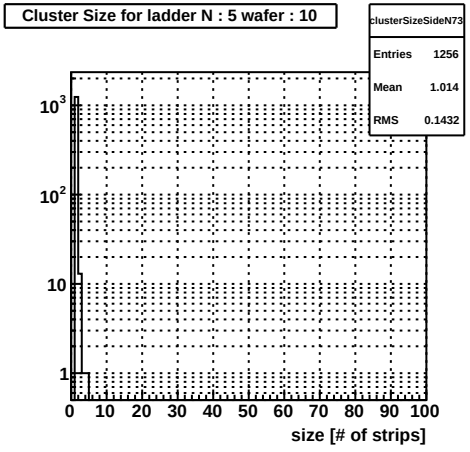

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

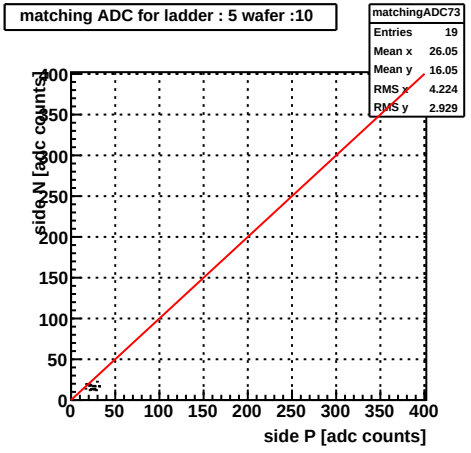

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

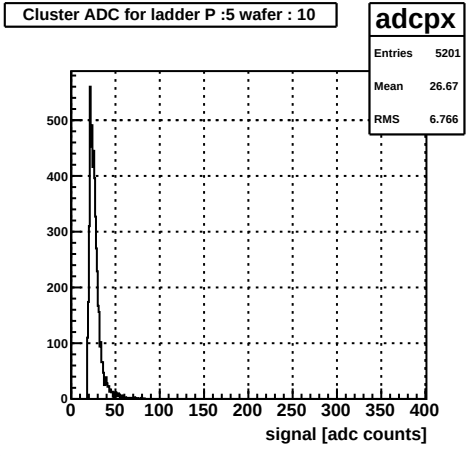

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2328
Mean 31.88
RMS 11.75
signal [adc counts]

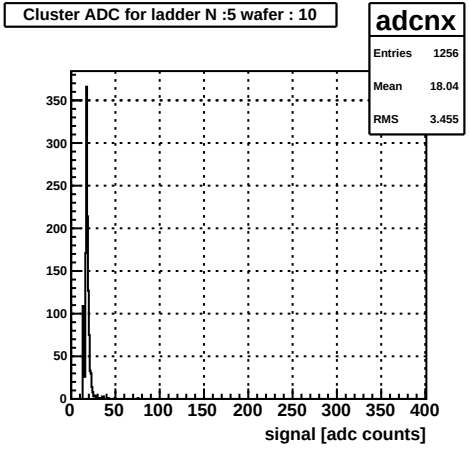

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

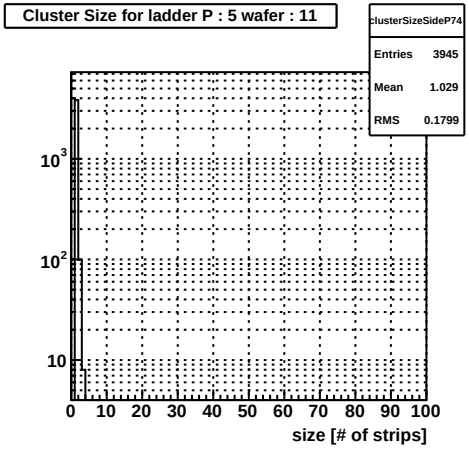

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5201
Mean 1.022
RMS 0.154
size [# of strips]

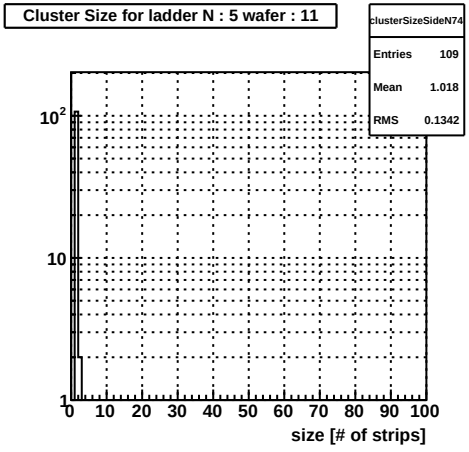

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 1256
Mean 1.014
RMS 0.1432
size [# of strips]

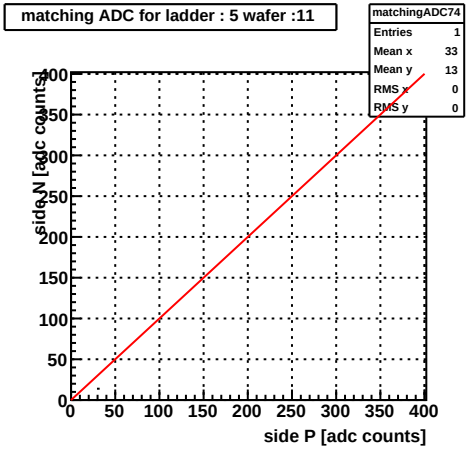

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 19
Mean x 26.05
Mean y 16.05
RMS x 4.224
RMS y 2.929
side N [adc counts]
side P [adc counts]

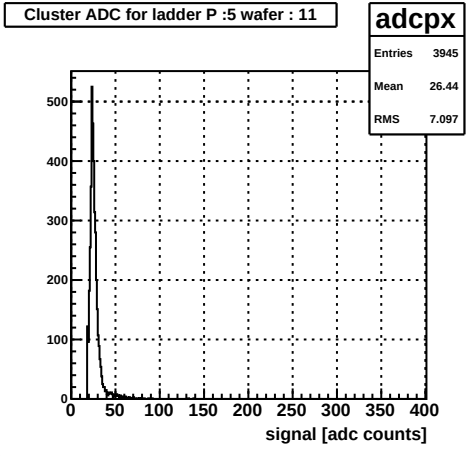

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5201
Mean 26.67
RMS 6.766
signal [adc counts]

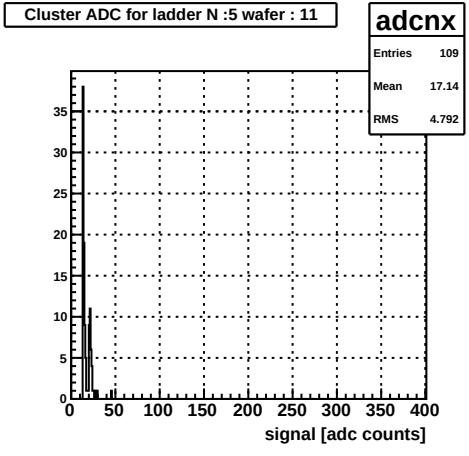

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 1256
Mean 18.04
RMS 3.455
signal [adc counts]

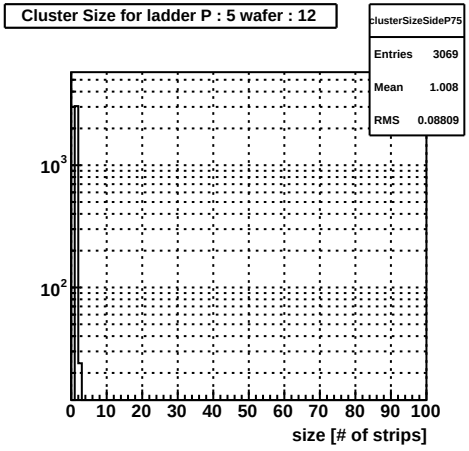

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3945
Mean 1.029
RMS 0.1799
size [# of strips]

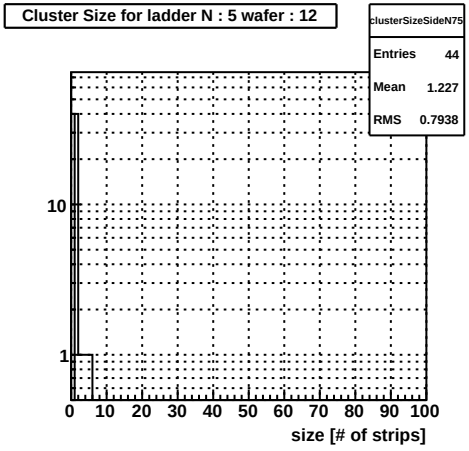

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 109
Mean 1.018
RMS 0.1342
size [# of strips]

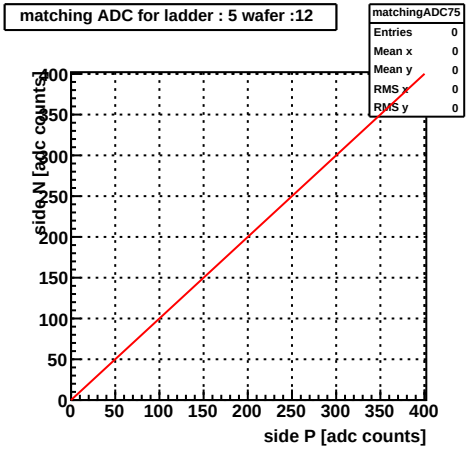

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1
Mean x 33
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

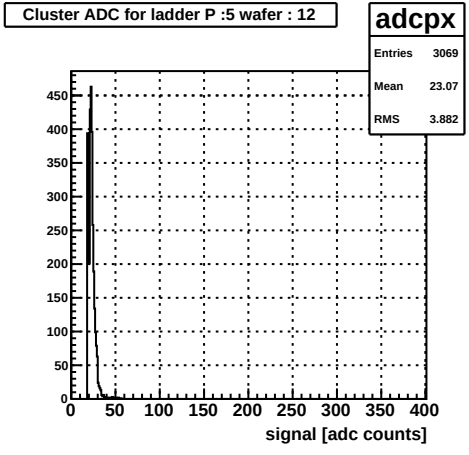

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3945
Mean 26.44
RMS 7.097
signal [adc counts]

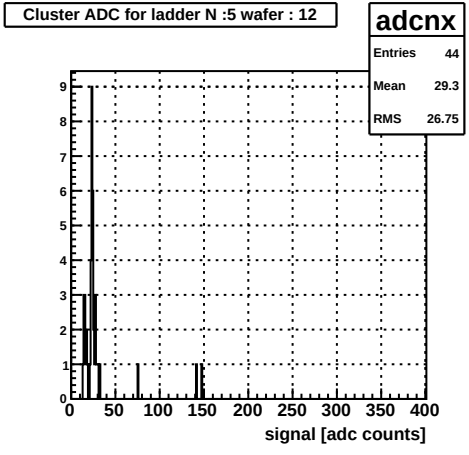

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 109
Mean 17.14
RMS 4.792
signal [adc counts]

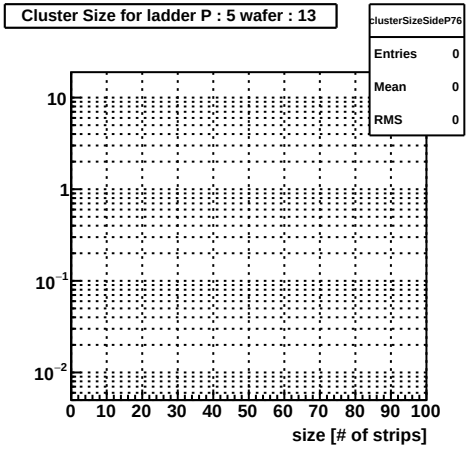

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3069
Mean 1.008
RMS 0.08809
size [# of strips]

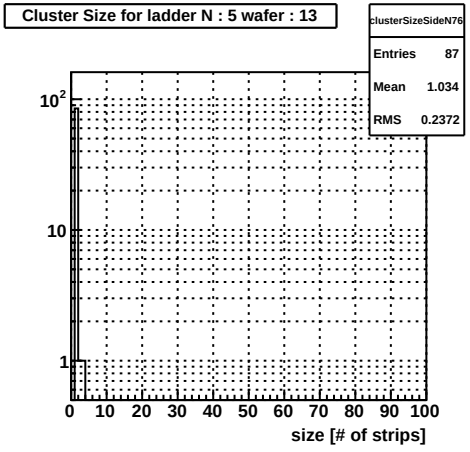

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 44
Mean 1.227
RMS 0.7938
size [# of strips]

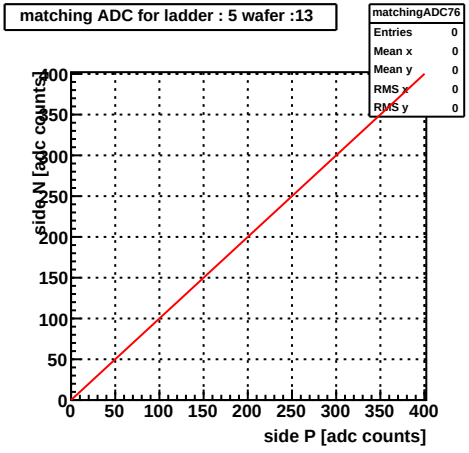

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

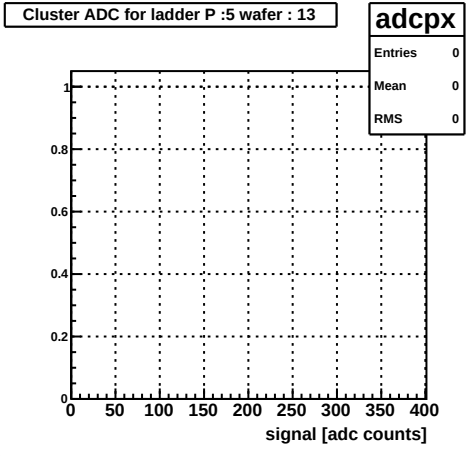

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3069
Mean 23.07
RMS 3.882
signal [adc counts]

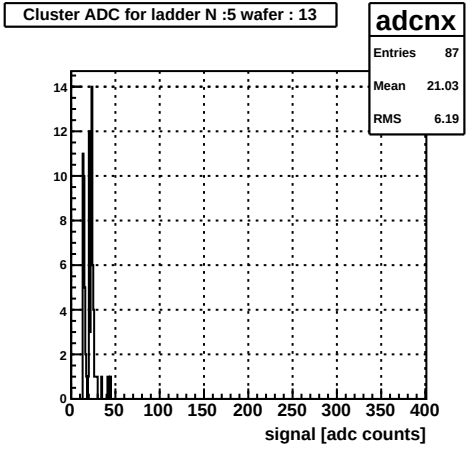

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 44
Mean 29.3
RMS 26.75
signal [adc counts]

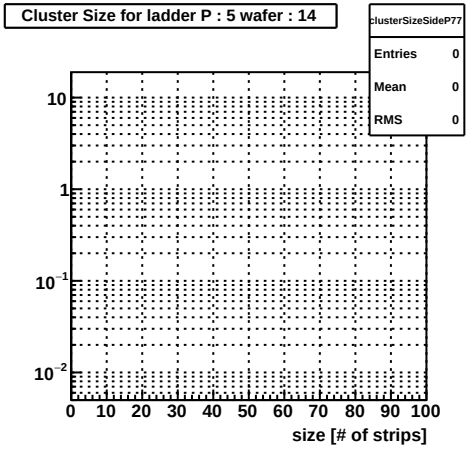

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

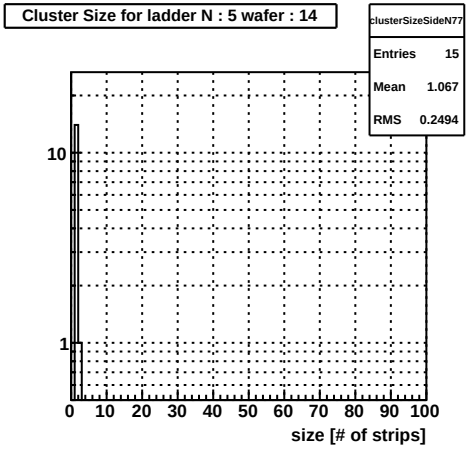

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 87
Mean 1.034
RMS 0.2372
size [# of strips]

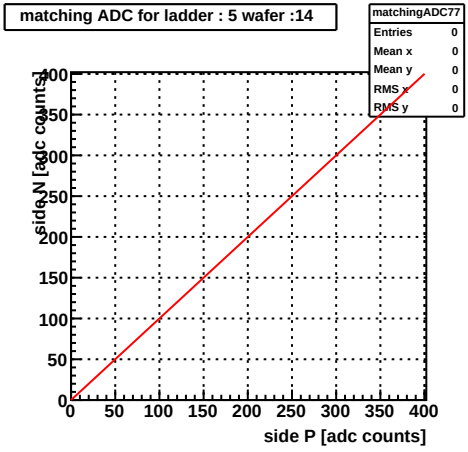

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

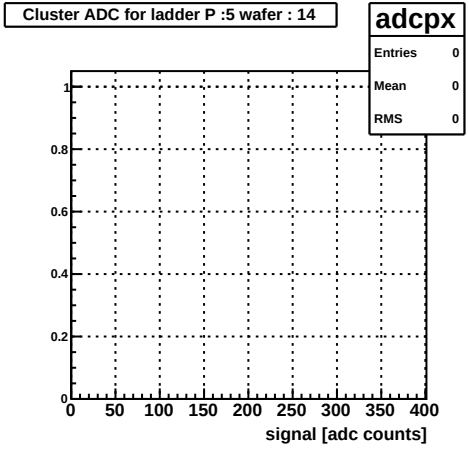

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

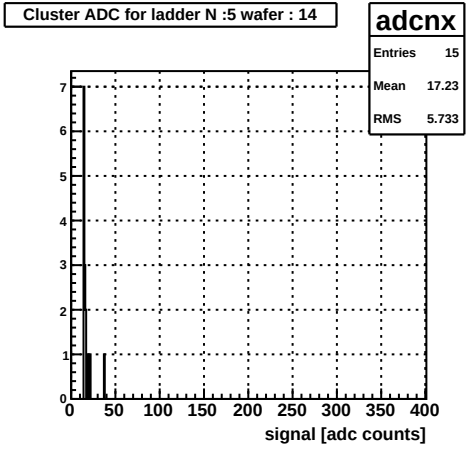

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 87
Mean 21.03
RMS 6.19
signal [adc counts]

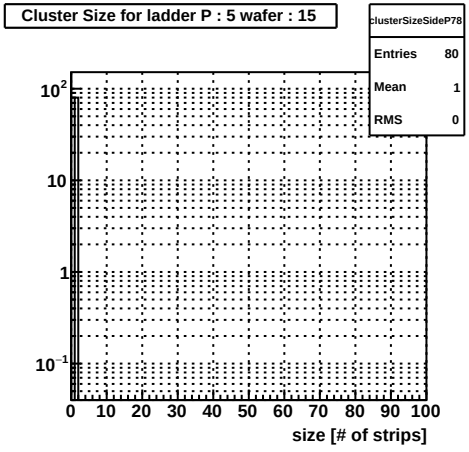

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

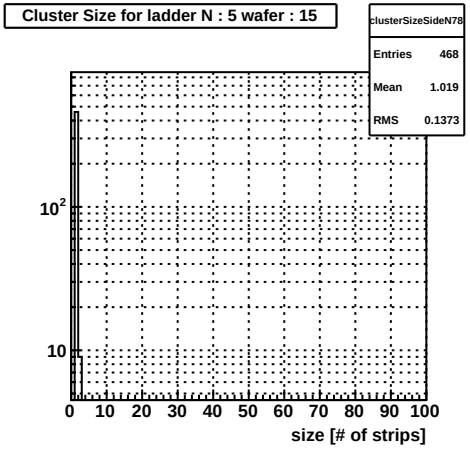

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

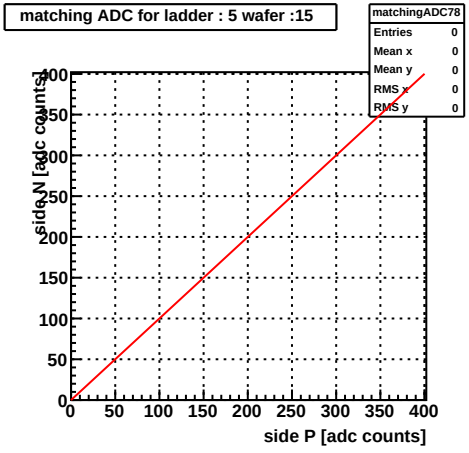

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

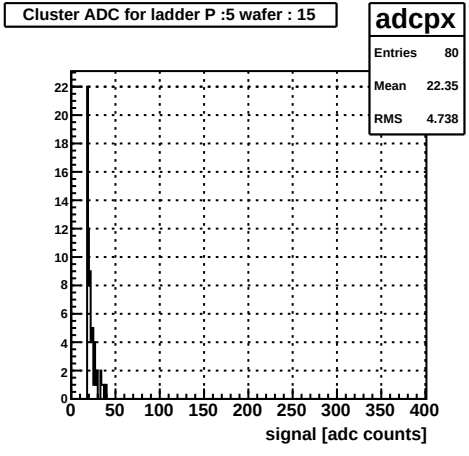

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

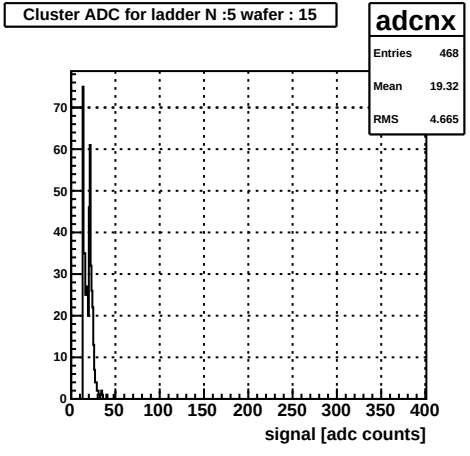

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 15
Mean 17.23
RMS 5.733
signal [adc counts]

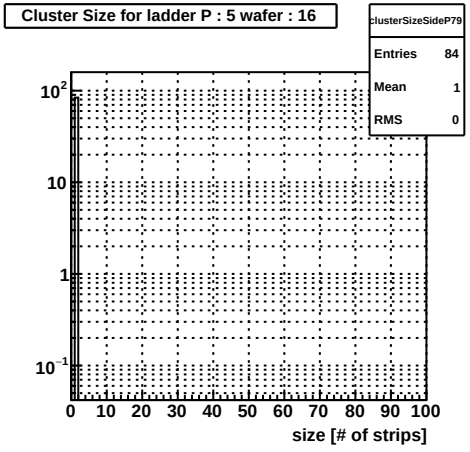

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 80
Mean 1
RMS 0
size [# of strips]

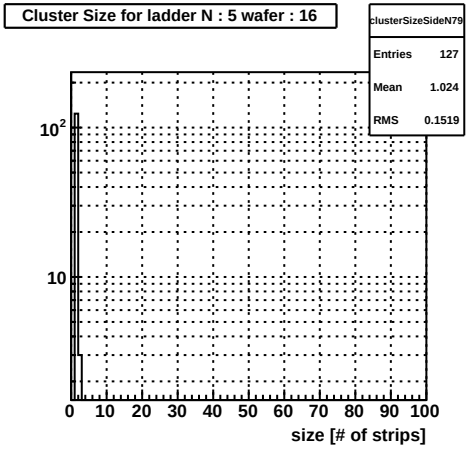

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 468
Mean 1.019
RMS 0.1373
size [# of strips]

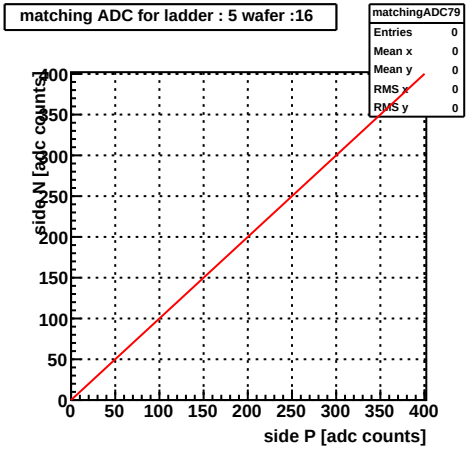

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

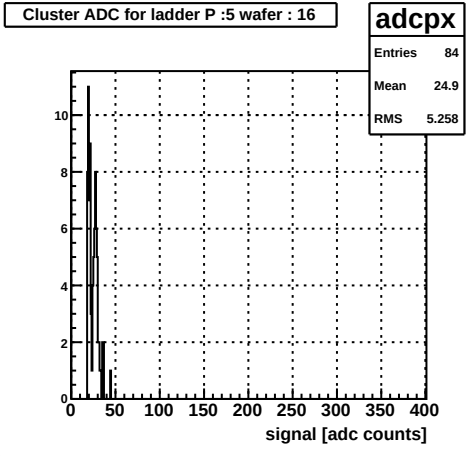

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 80
Mean 22.35
RMS 4.738
signal [adc counts]

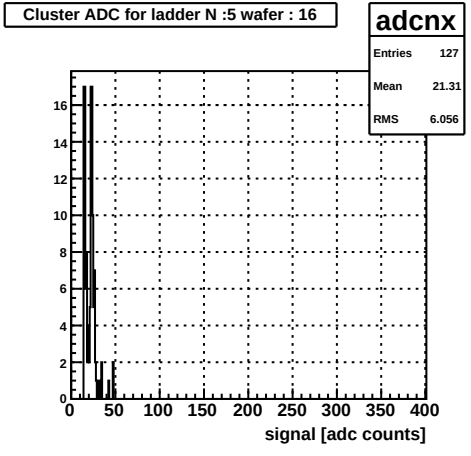

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 468
Mean 19.32
RMS 4.665
signal [adc counts]

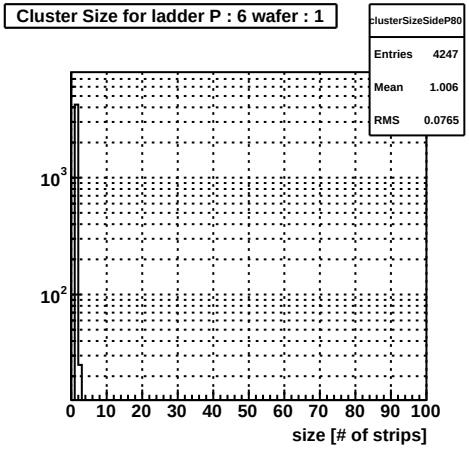

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 84
Mean 1
RMS 0
size [# of strips]

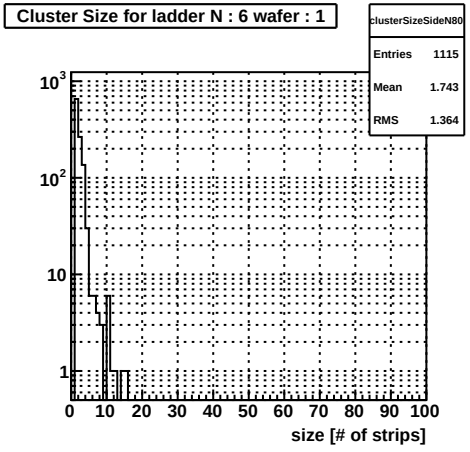

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 127
Mean 1.024
RMS 0.1519
size [# of strips]

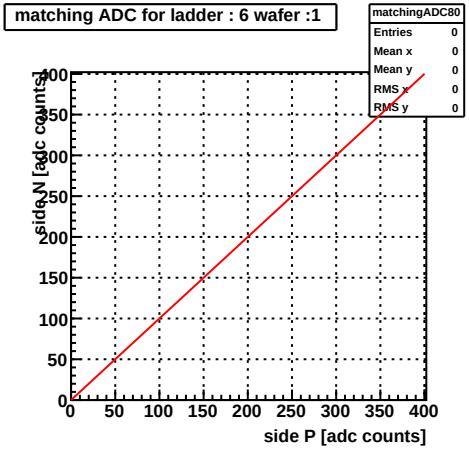

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

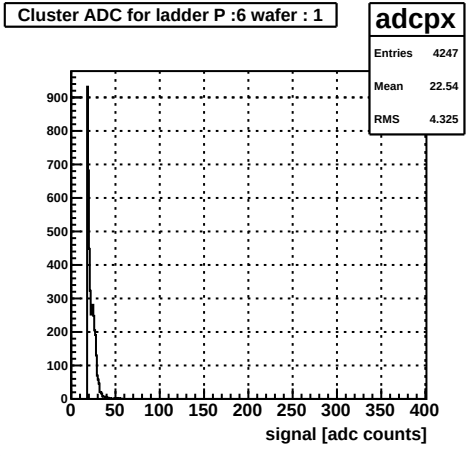

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 84
Mean 24.9
RMS 5.258
signal [adc counts]

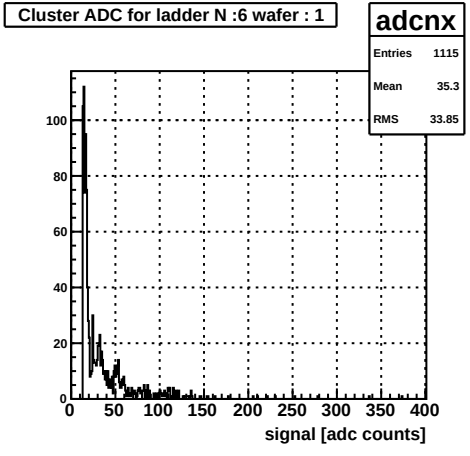

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 127
Mean 21.31
RMS 6.056
signal [adc counts]

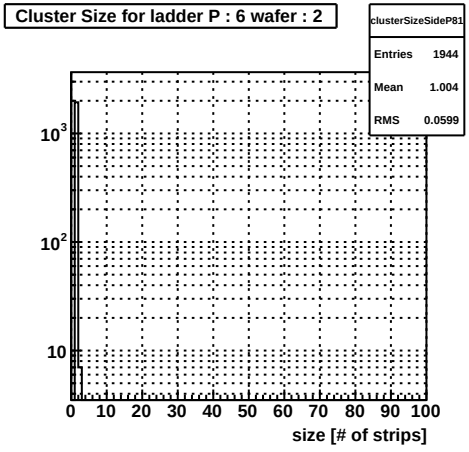

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 4247
Mean 1.006
RMS 0.0765
size [# of strips]

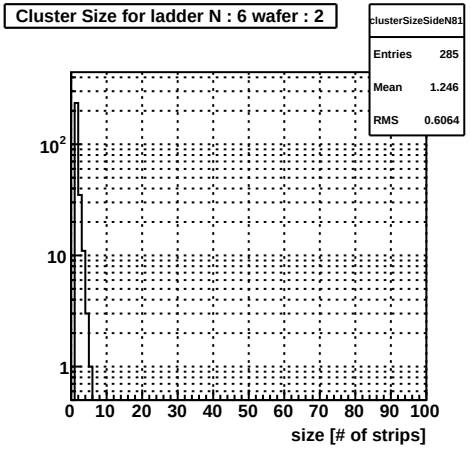

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1115
Mean 1.743
RMS 1.364
size [# of strips]

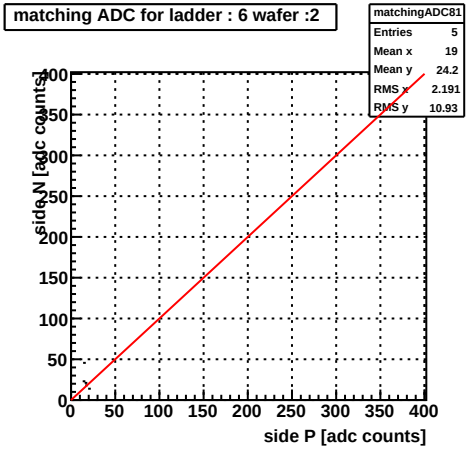

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

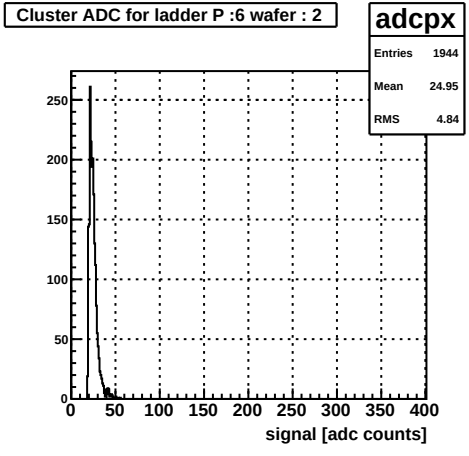

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 4247
Mean 22.54
RMS 4.325
signal [adc counts]

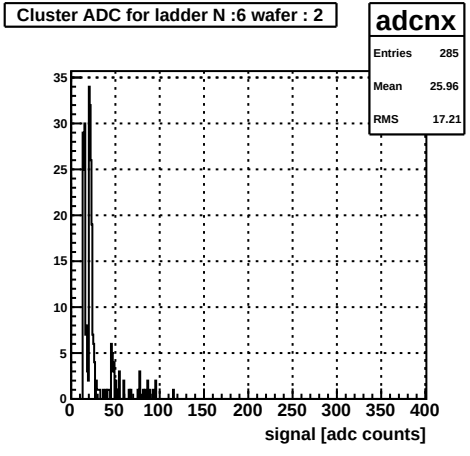

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1115
Mean 35.3
RMS 33.85
signal [adc counts]

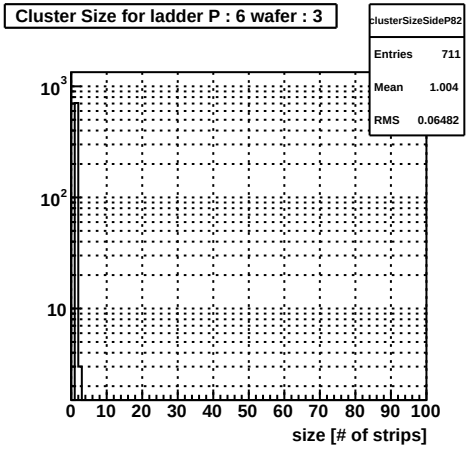

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1944
Mean 1.004
RMS 0.0599
size [# of strips]

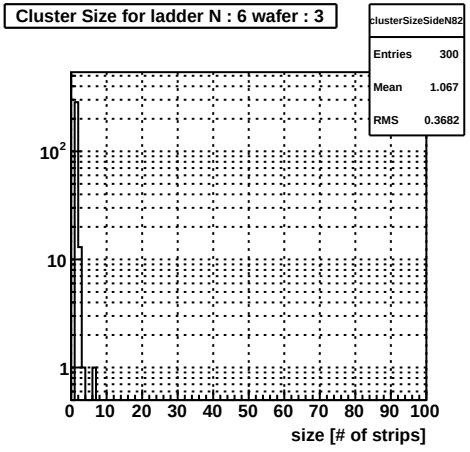

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 285
Mean 1.246
RMS 0.6064
size [# of strips]

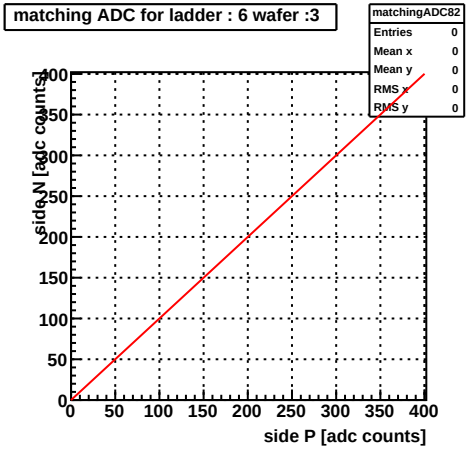

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 5
Mean x 19
Mean y 24.2
RMS x 2.191
RMS y 10.93
side N [adc counts]
side P [adc counts]

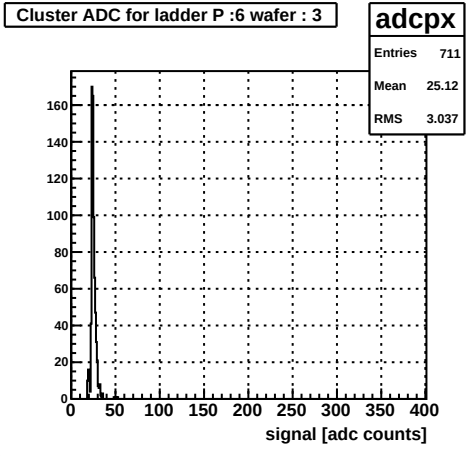

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1944
Mean 24.95
RMS 4.84
signal [adc counts]

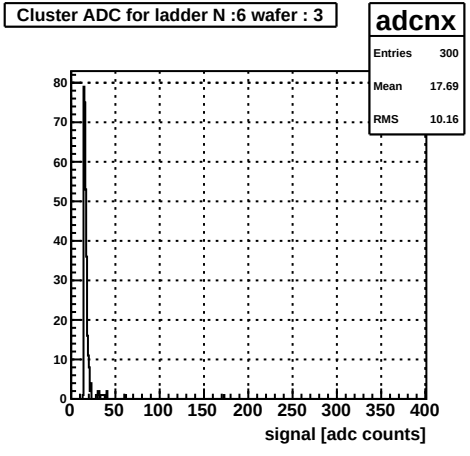

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 285
Mean 25.96
RMS 17.21
signal [adc counts]

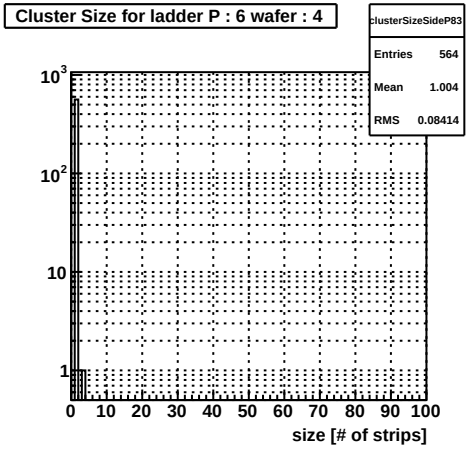

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 711
Mean 1.004
RMS 0.06482
size [# of strips]

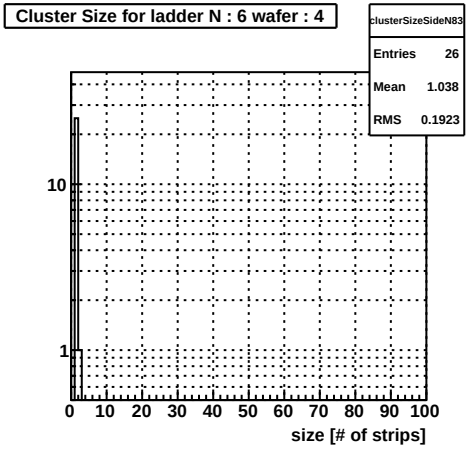

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 300
Mean 1.067
RMS 0.3682
size [# of strips]

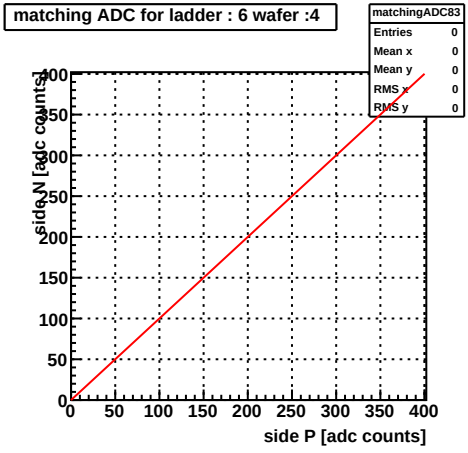

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

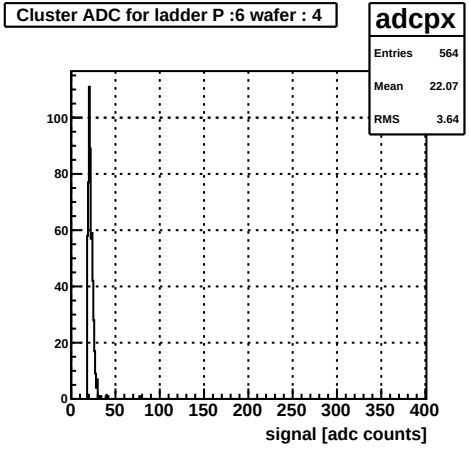

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 711
Mean 25.12
RMS 3.037
signal [adc counts]

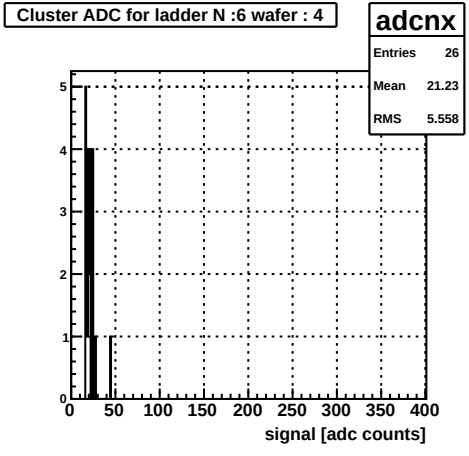

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 300
Mean 17.69
RMS 10.16
signal [adc counts]

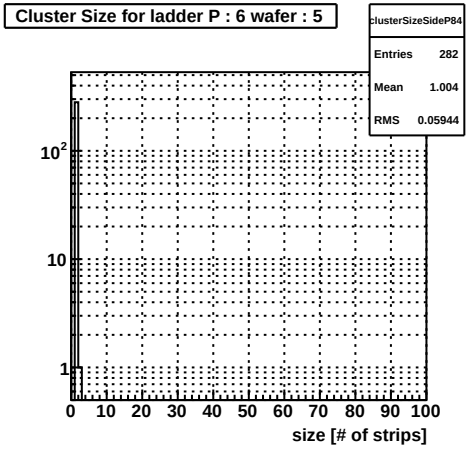

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 564
Mean 1.004
RMS 0.08414
size [# of strips]

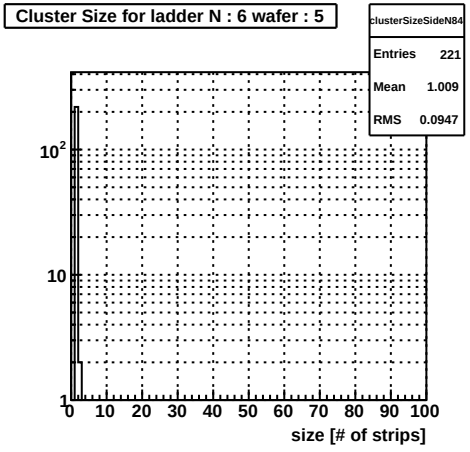

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

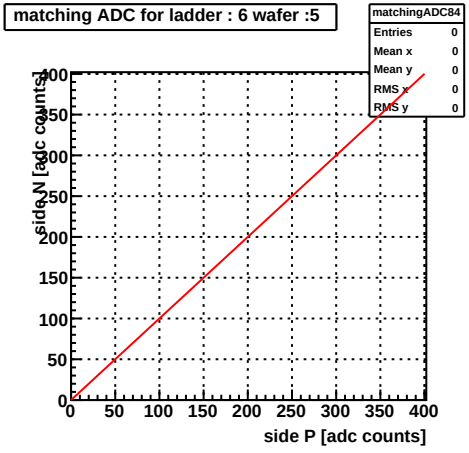

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

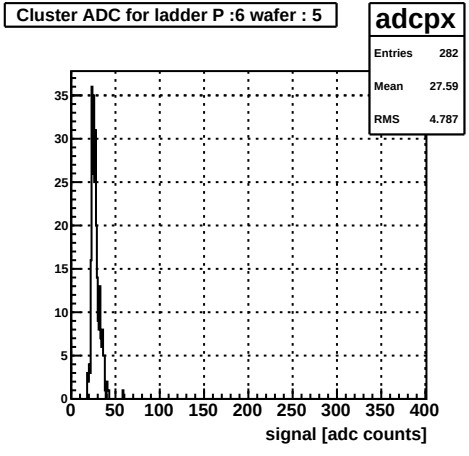

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 564
Mean 22.07
RMS 3.64
signal [adc counts]

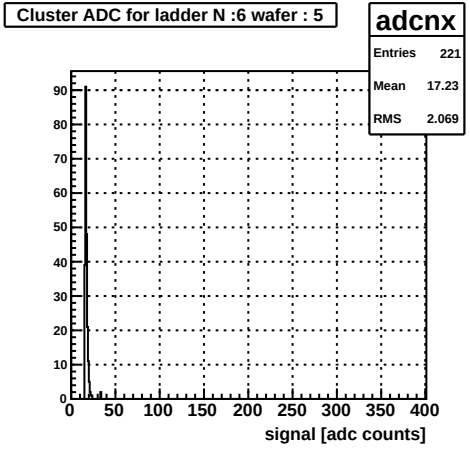

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 26
Mean 21.23
RMS 5.558
signal [adc counts]

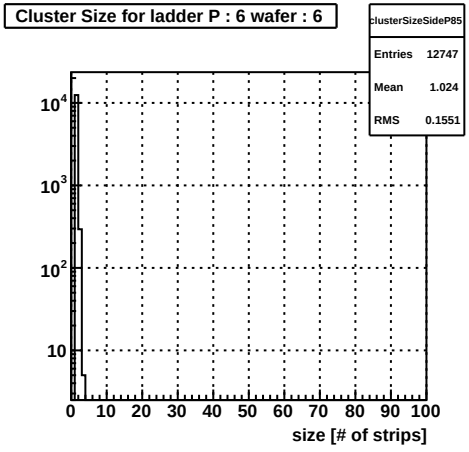

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 282
Mean 1.004
RMS 0.05944
size [# of strips]

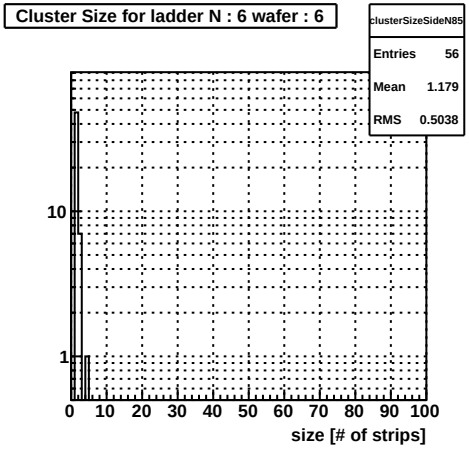

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 221
Mean 1.009
RMS 0.0947
size [# of strips]

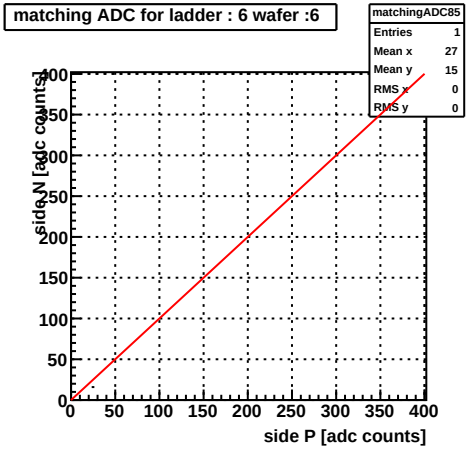

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

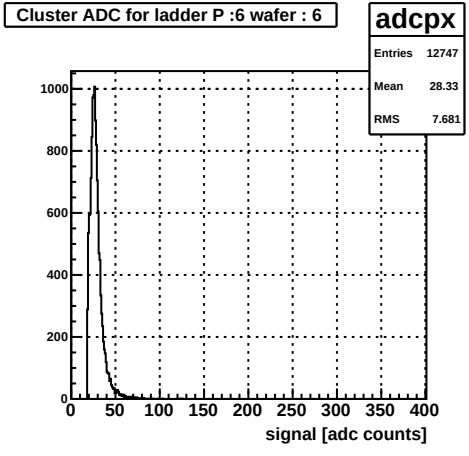

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 282
Mean 27.59
RMS 4.787
signal [adc counts]

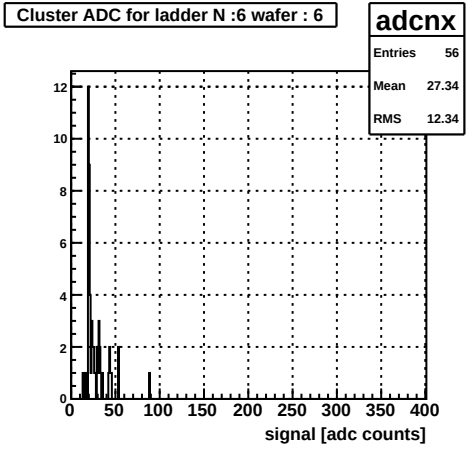

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 221
Mean 17.23
RMS 2.069
signal [adc counts]

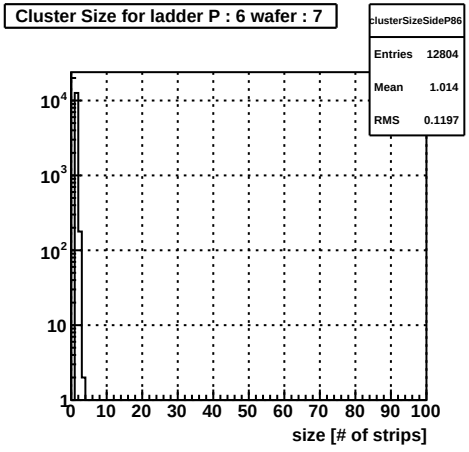

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 12747
Mean 1.024
RMS 0.1551
size [# of strips]

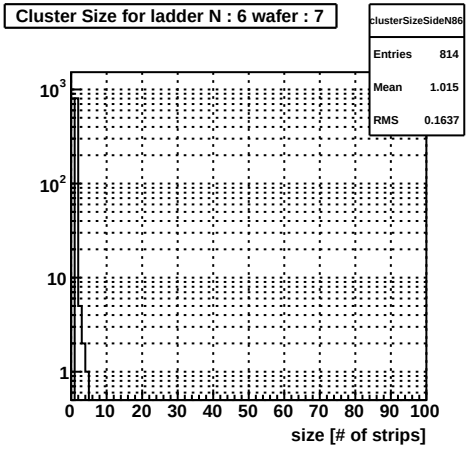

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 56
Mean 1.179
RMS 0.5038
size [# of strips]

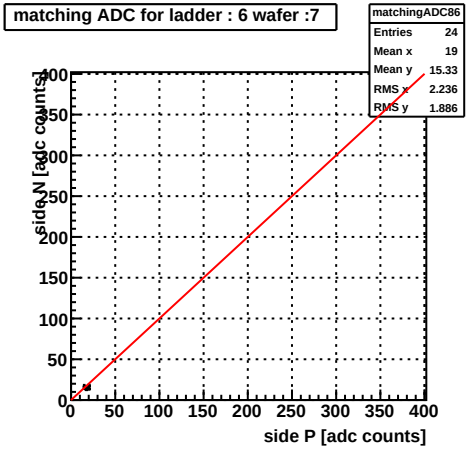

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1
Mean x 27
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

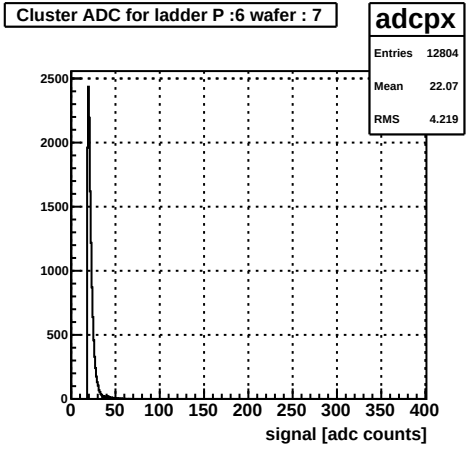

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 12747
Mean 28.33
RMS 7.681
signal [adc counts]

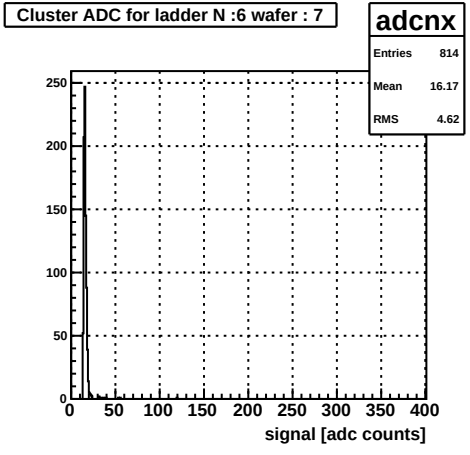

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 56
Mean 27.34
RMS 12.34
signal [adc counts]

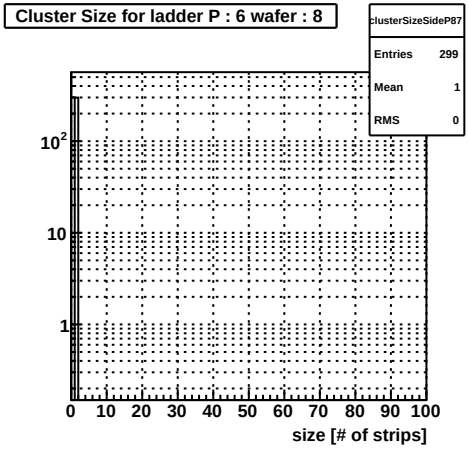

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 12804
Mean 1.014
RMS 0.1197
size [# of strips]

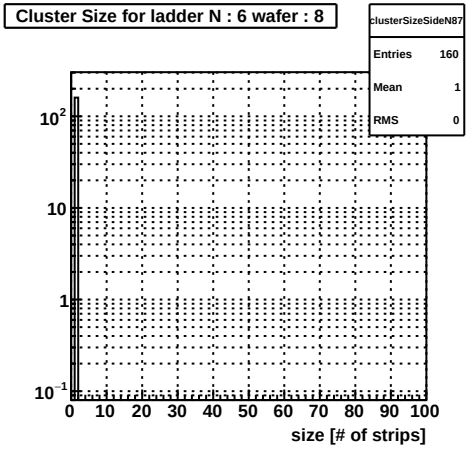

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 814
Mean 1.015
RMS 0.1637
size [# of strips]

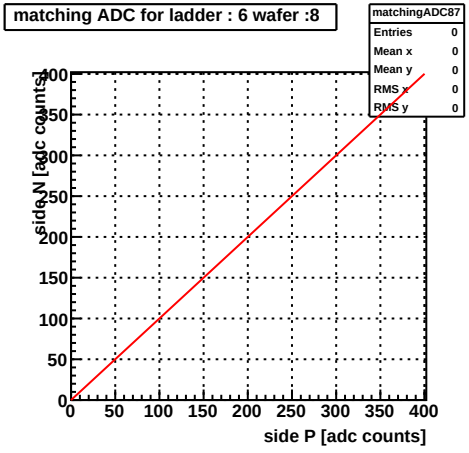

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 24
Mean x 19
Mean y 15.33
RMS x 2.236
RMS y 1.886
side N [adc counts]
side P [adc counts]

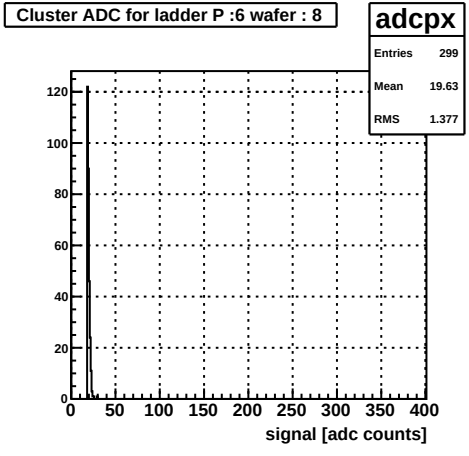

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 12804
Mean 22.07
RMS 4.219
signal [adc counts]

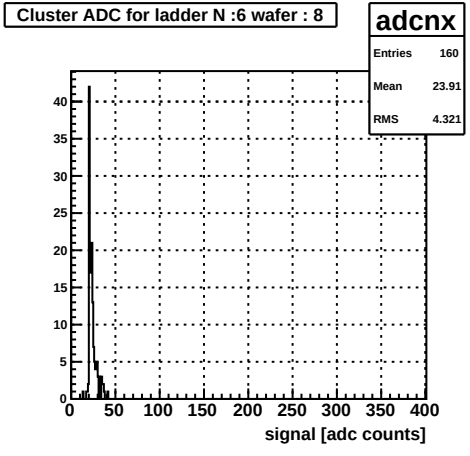

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 814
Mean 16.17
RMS 4.62
signal [adc counts]

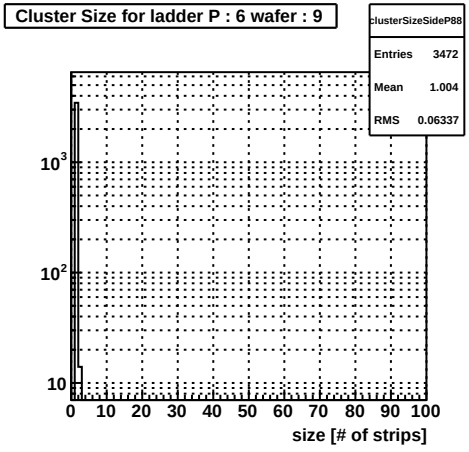

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 299
Mean 1
RMS 0
size [# of strips]

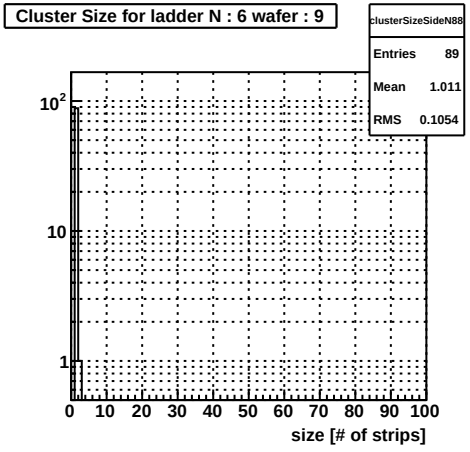

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 160
Mean 1
RMS 0
size [# of strips]

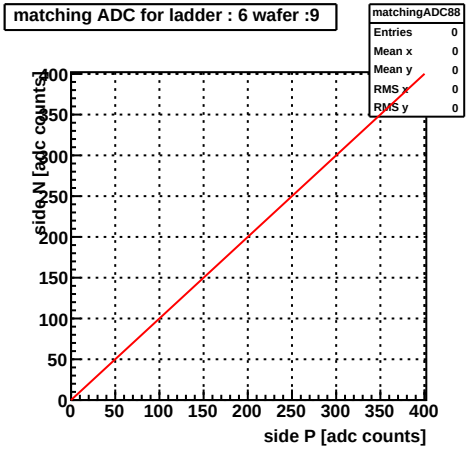

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

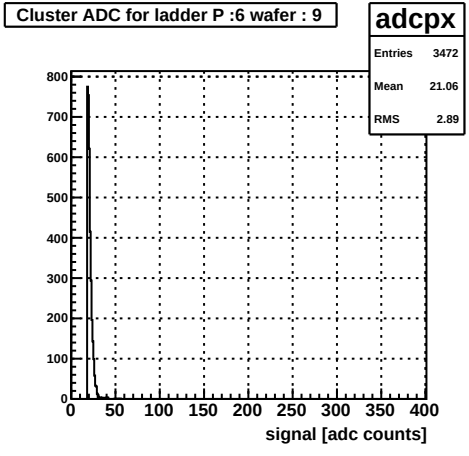

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 299
Mean 19.63
RMS 1.377
signal [adc counts]

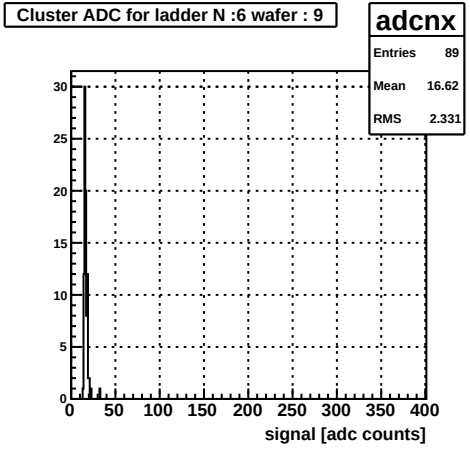

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 160
Mean 23.91
RMS 4.321
signal [adc counts]

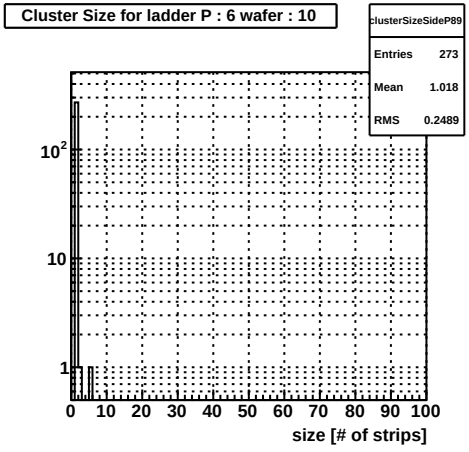

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3472
Mean 1.004
RMS 0.06337
size [# of strips]

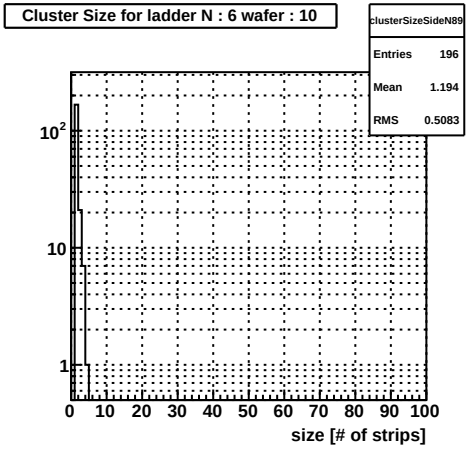

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 89
Mean 1.011
RMS 0.1054
size [# of strips]

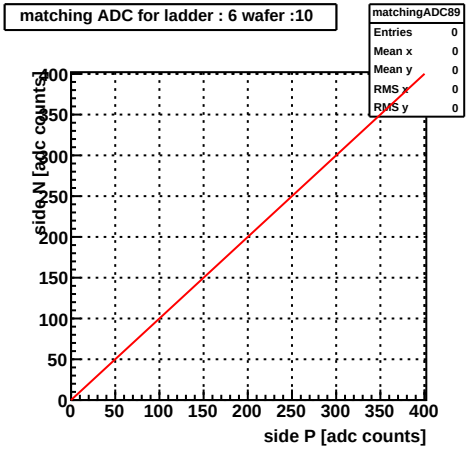

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

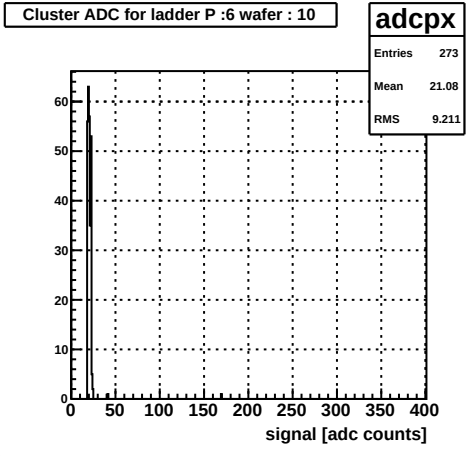

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3472
Mean 21.06
RMS 2.89
signal [adc counts]

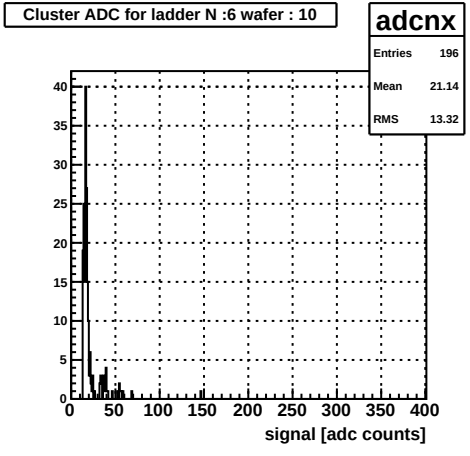

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 89
Mean 16.62
RMS 2.331
signal [adc counts]

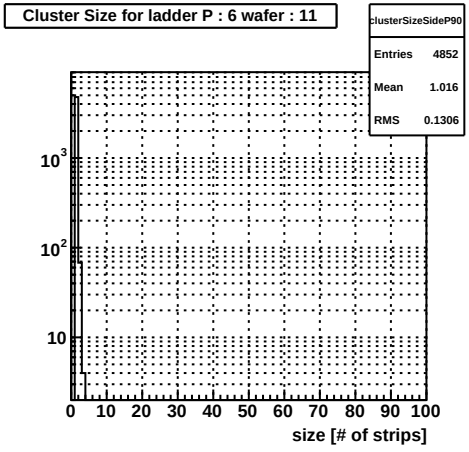

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 273
Mean 1.018
RMS 0.2489
size [# of strips]

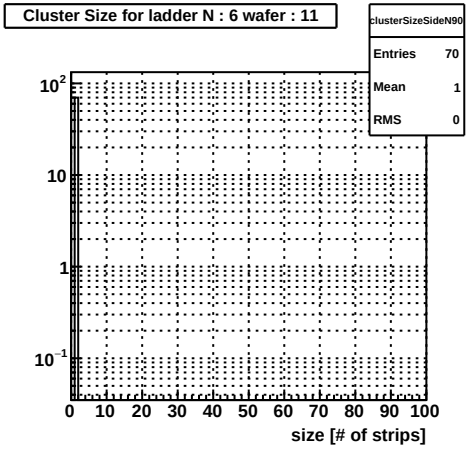

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 196
Mean 1.194
RMS 0.5083
size [# of strips]

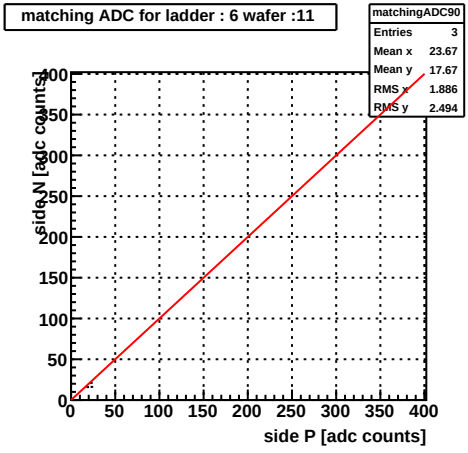

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

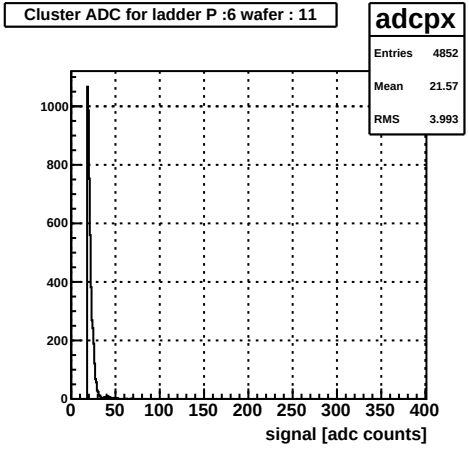

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 273
Mean 21.08
RMS 9.211
signal [adc counts]

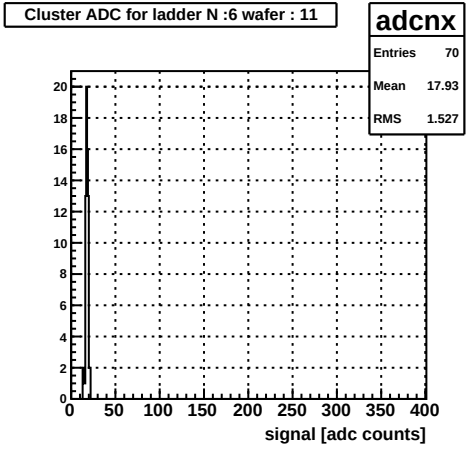

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 196
Mean 21.14
RMS 13.32
signal [adc counts]

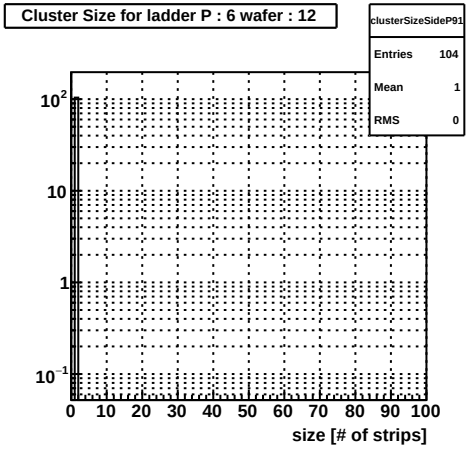

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4852
Mean 1.016
RMS 0.1306
size [# of strips]

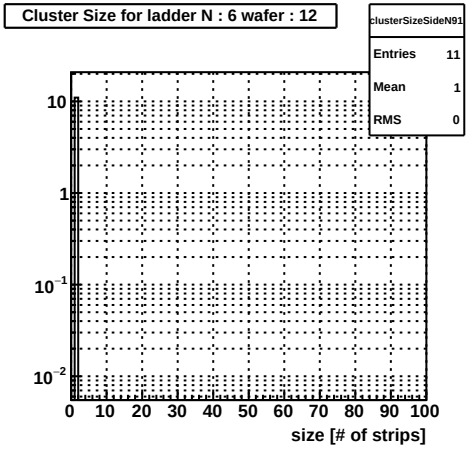

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 70
Mean 1
RMS 0
size [# of strips]

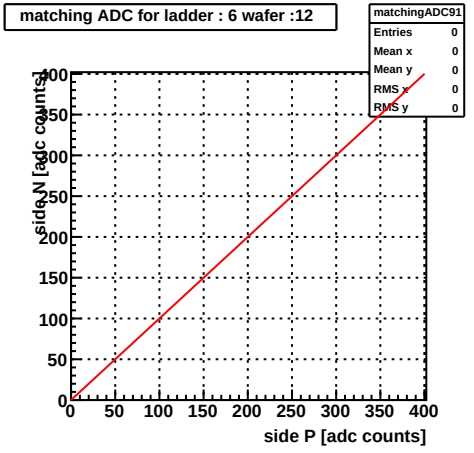

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 3
Mean x 23.67
Mean y 17.67
RMS x 1.886
RMS y 2.494
side N [adc counts]
side P [adc counts]

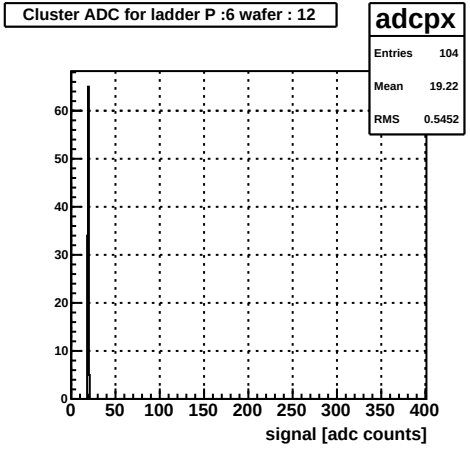

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4852
Mean 21.57
RMS 3.993
signal [adc counts]

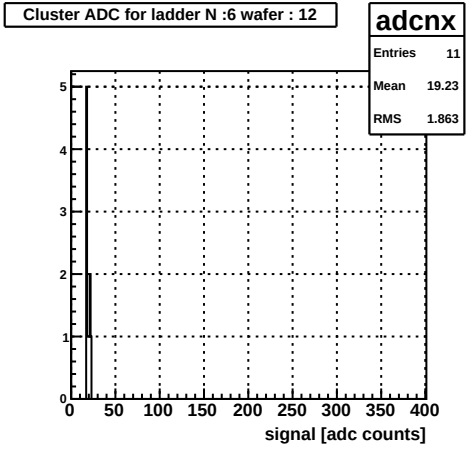

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 70
Mean 17.93
RMS 1.527
signal [adc counts]

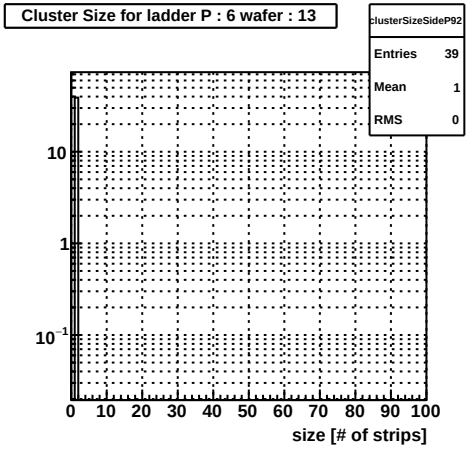

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 104
Mean 1
RMS 0
size [# of strips]

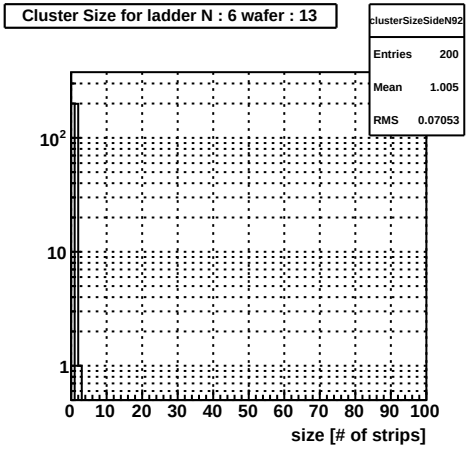

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 11
Mean 1
RMS 0
size [# of strips]

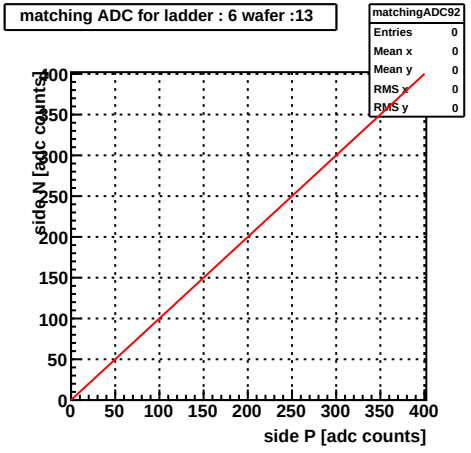

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

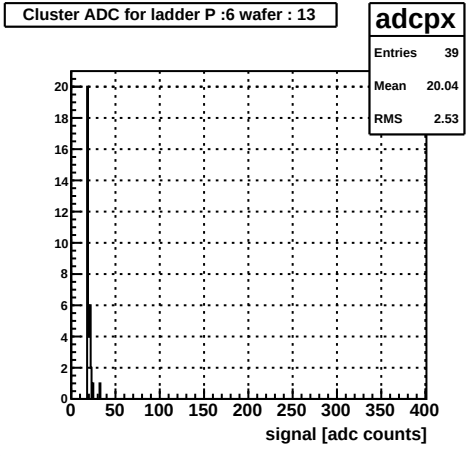

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 104
Mean 19.22
RMS 0.5452
signal [adc counts]

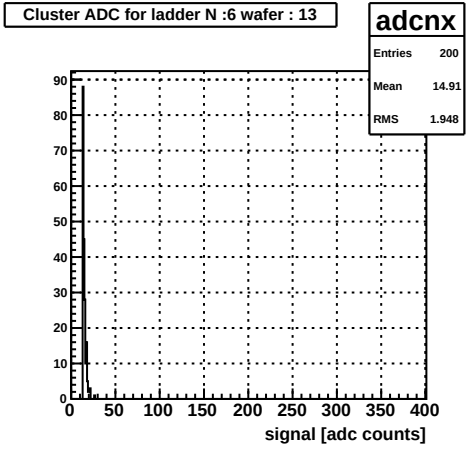

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 11
Mean 19.23
RMS 1.863
signal [adc counts]

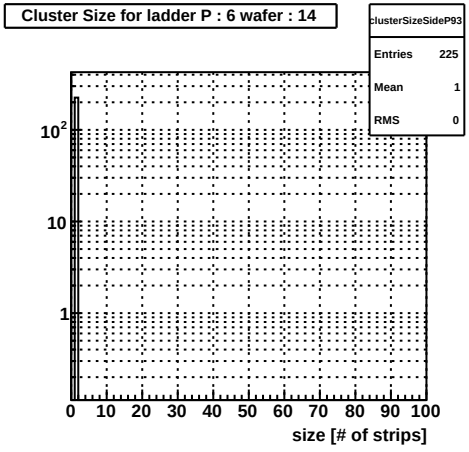

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 39
Mean 1
RMS 0
size [# of strips]

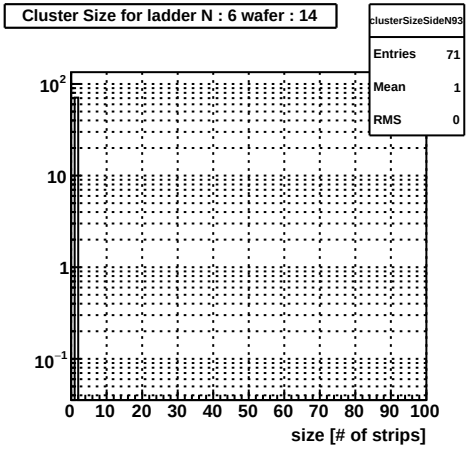

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 200
Mean 1.005
RMS 0.07053
size [# of strips]

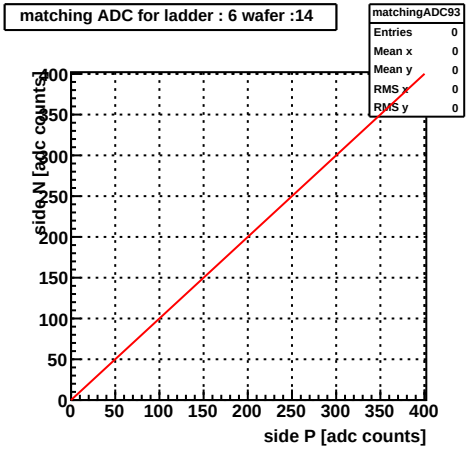

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

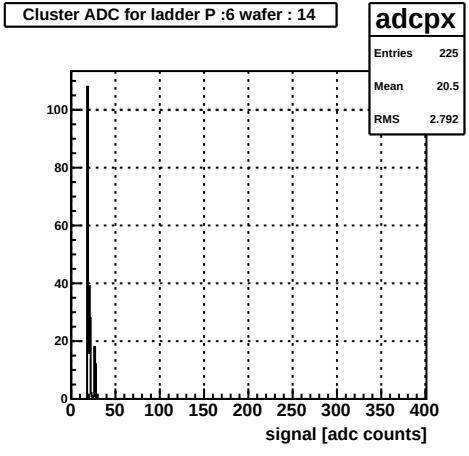

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 39
Mean 20.04
RMS 2.53
signal [adc counts]

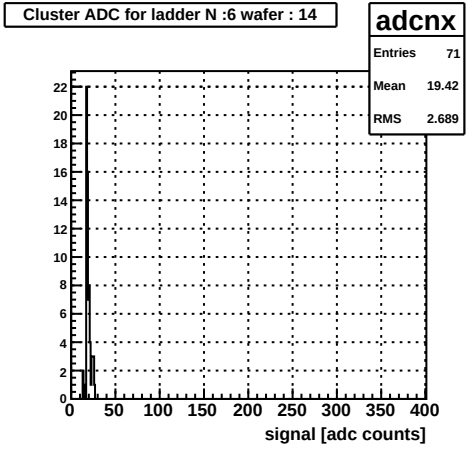

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 200
Mean 14.91
RMS 1.948
signal [adc counts]

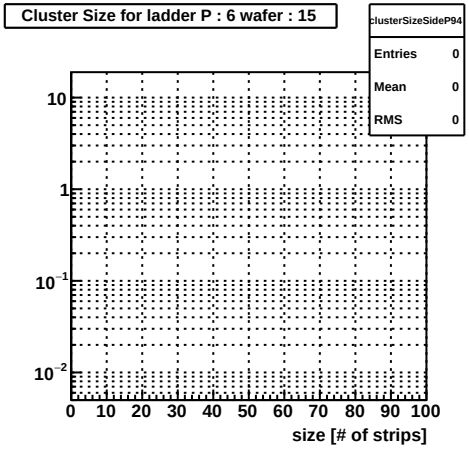

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 225
Mean 1
RMS 0
size [# of strips]

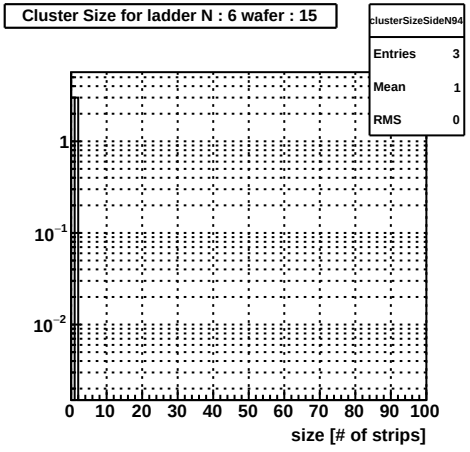

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 71
Mean 1
RMS 0
size [# of strips]

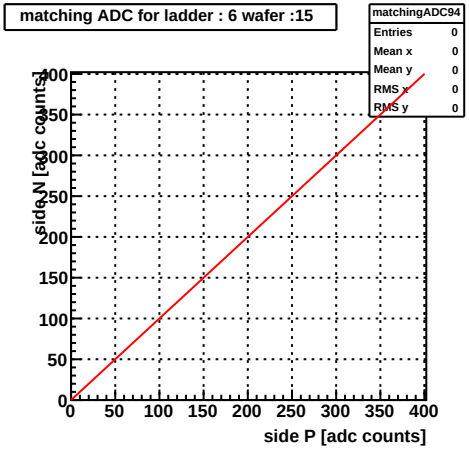

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

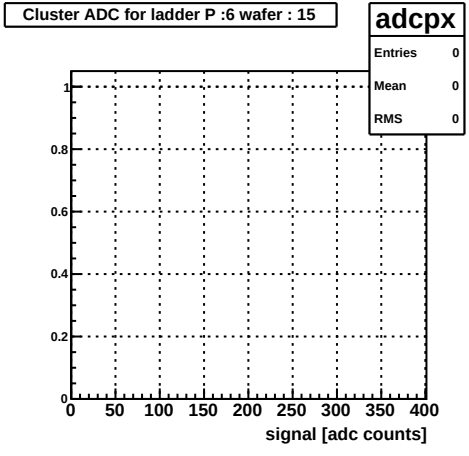

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 225
Mean 20.5
RMS 2.792
signal [adc counts]

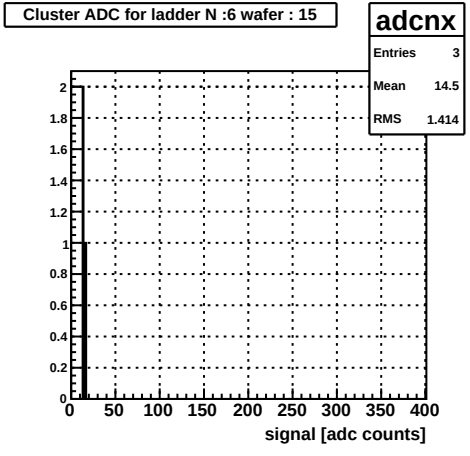

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 71
Mean 19.42
RMS 2.689
signal [adc counts]

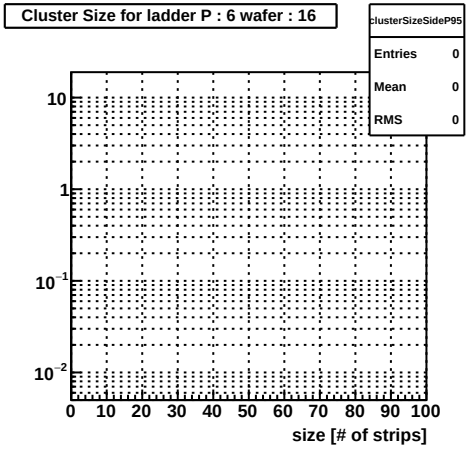

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

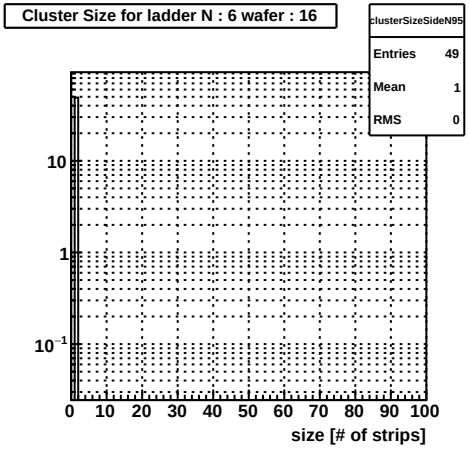

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3
Mean 1
RMS 0
size [# of strips]

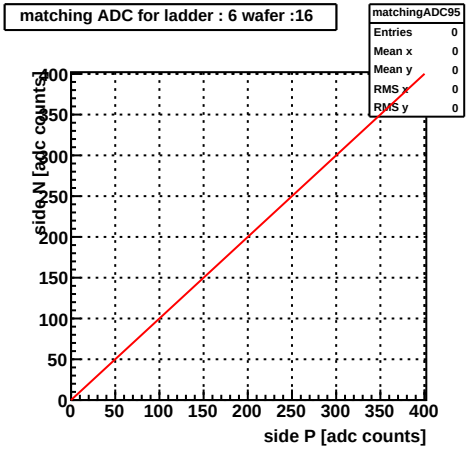

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

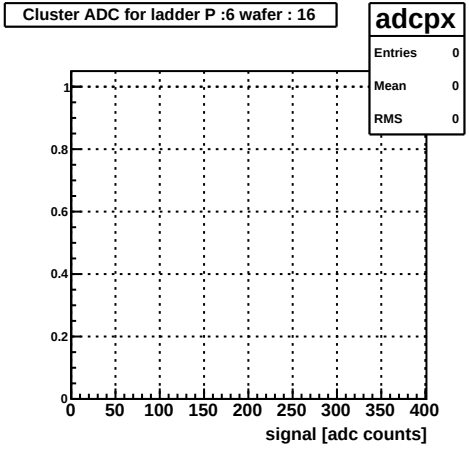

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

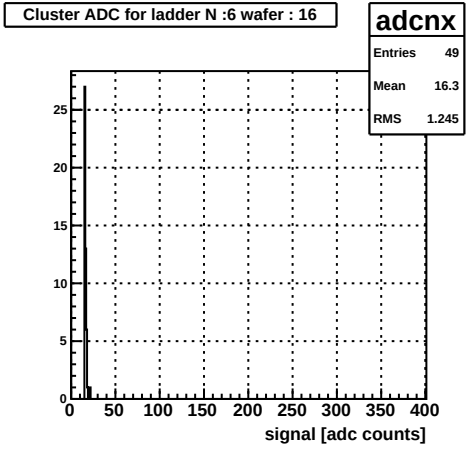

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3
Mean 14.5
RMS 1.414
signal [adc counts]

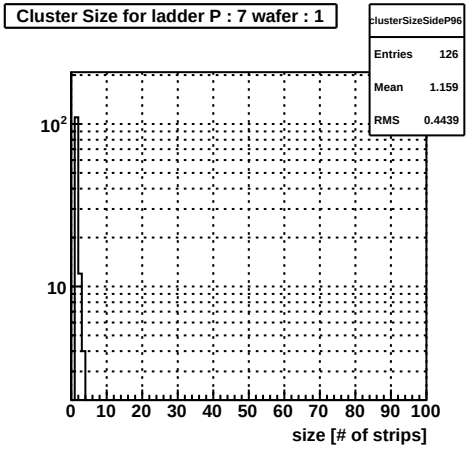

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

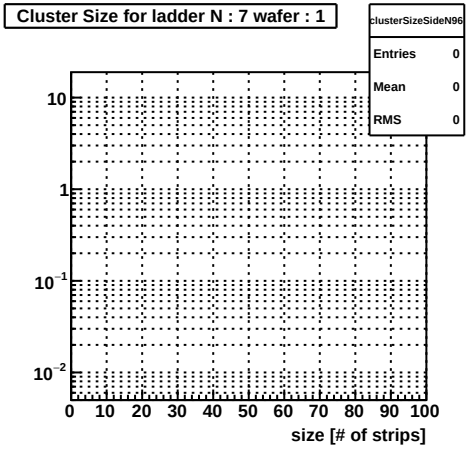

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 49
Mean 1
RMS 0
size [# of strips]

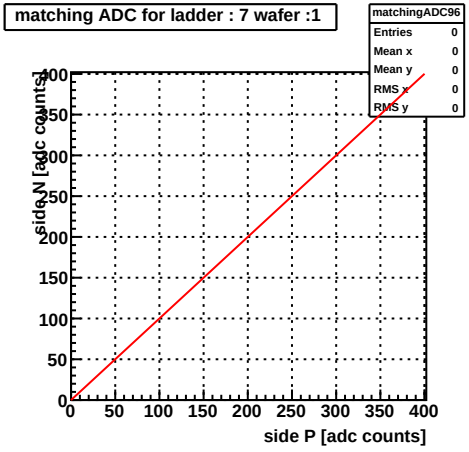

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

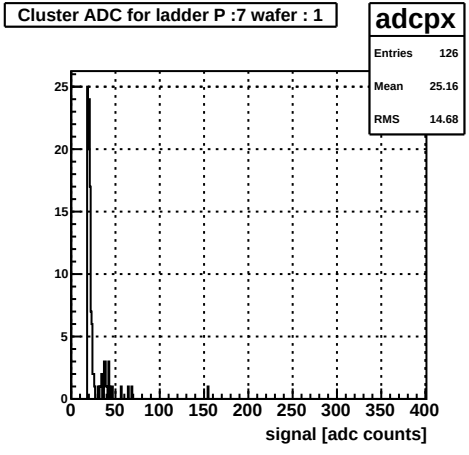

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

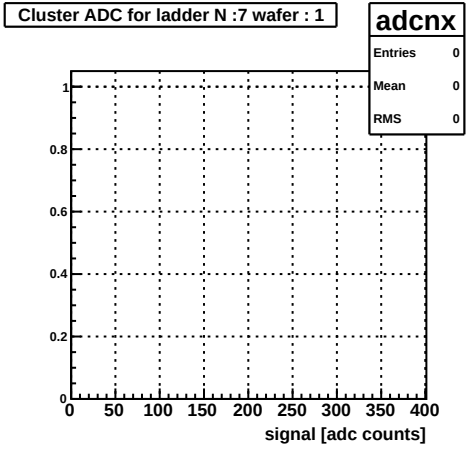

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 49
Mean 16.3
RMS 1.245
signal [adc counts]

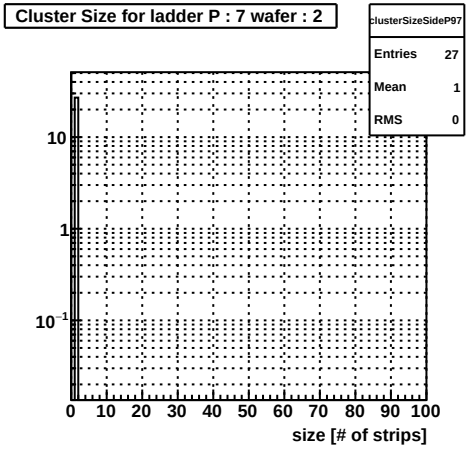

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 126
Mean 1.159
RMS 0.4439
size [# of strips]

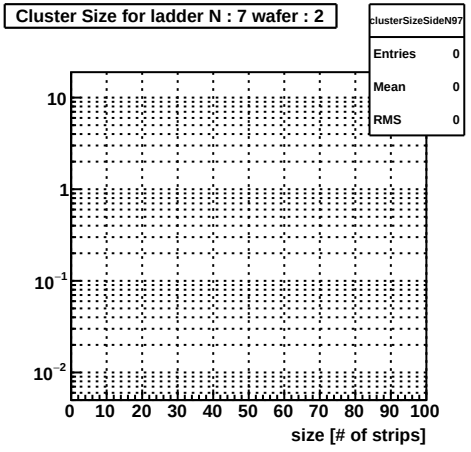

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

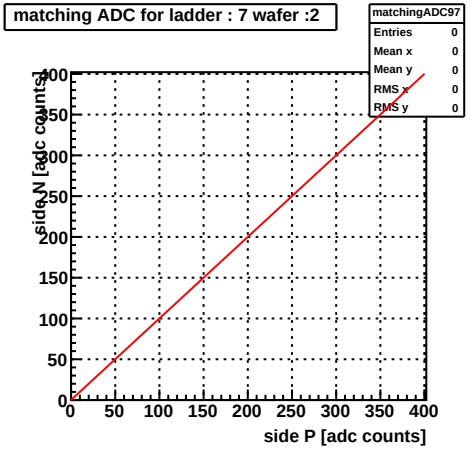

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

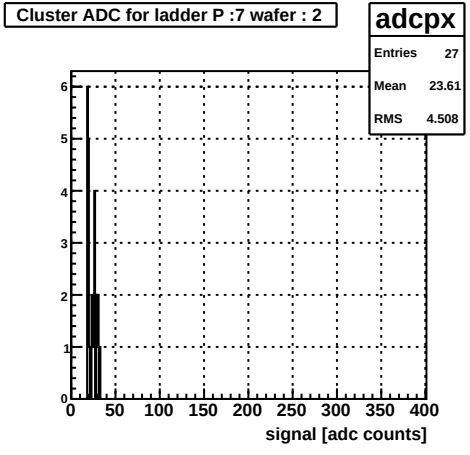

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 126
Mean 25.16
RMS 14.68
signal [adc counts]

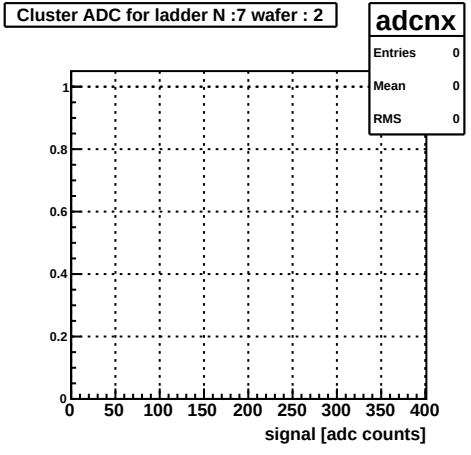

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

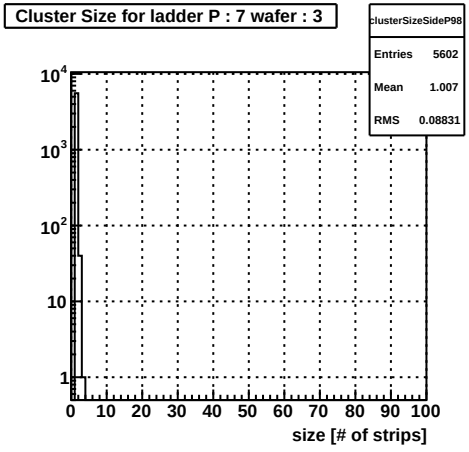

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 27
Mean 1
RMS 0
size [# of strips]

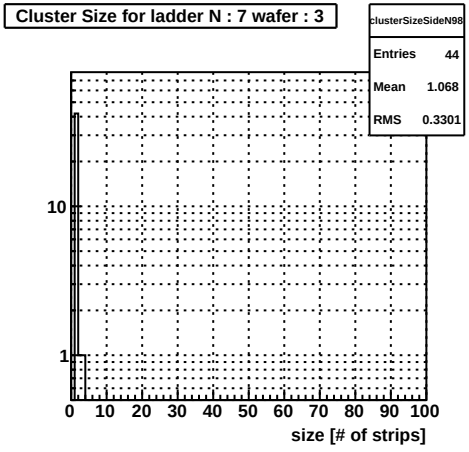

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

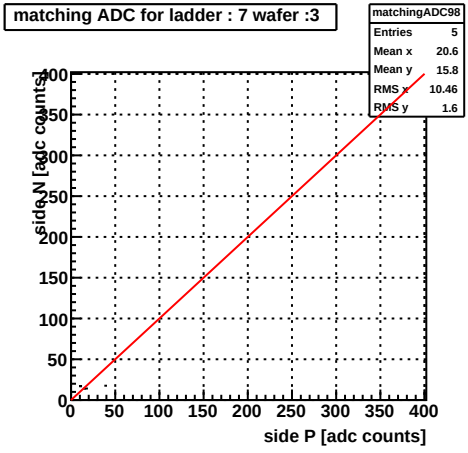

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

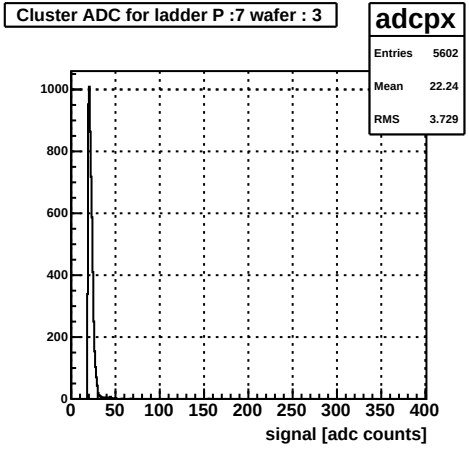

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 27
Mean 23.61
RMS 4.508
signal [adc counts]

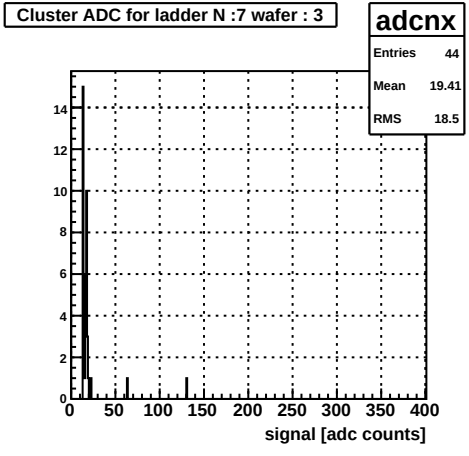

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

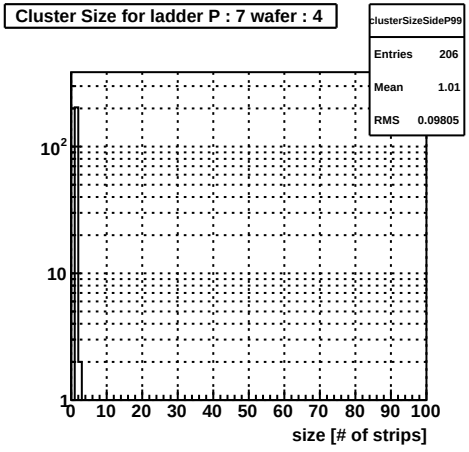

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5602
Mean 1.007
RMS 0.08831
size [# of strips]

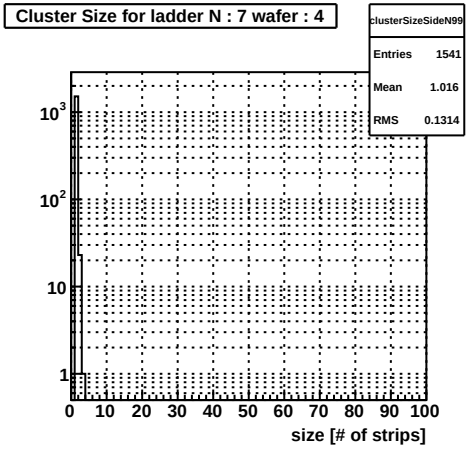

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 44
Mean 1.068
RMS 0.3301
size [# of strips]

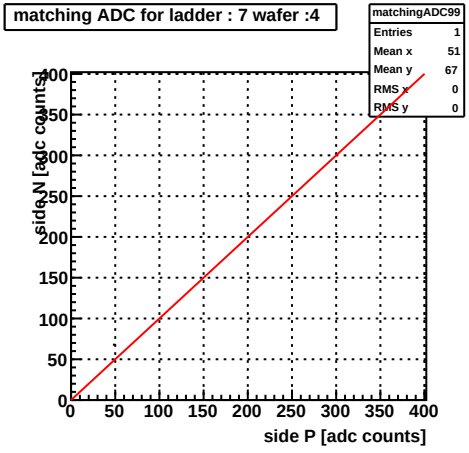

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 5
Mean x 20.6
Mean y 15.8
RMS x 10.46
RMS y 1.6
side N [adc counts]
side P [adc counts]

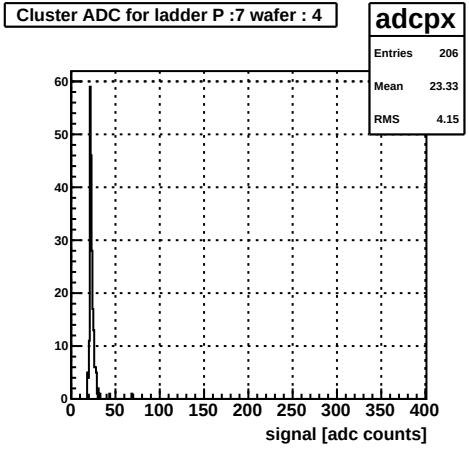

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5602
Mean 22.24
RMS 3.729
signal [adc counts]

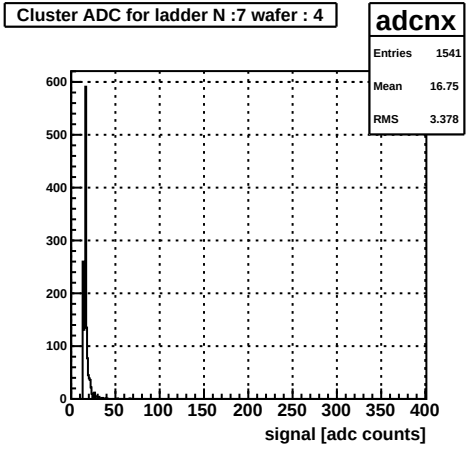

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 44
Mean 19.41
RMS 18.5
signal [adc counts]

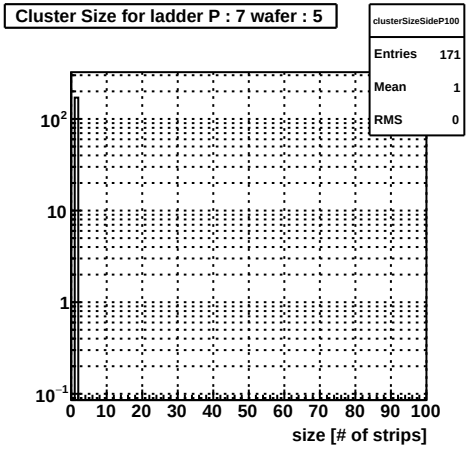

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 206
Mean 1.01
RMS 0.09805
size [# of strips]

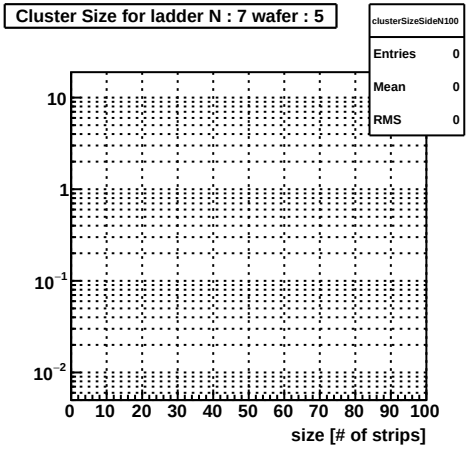

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1541
Mean 1.016
RMS 0.1314
size [# of strips]

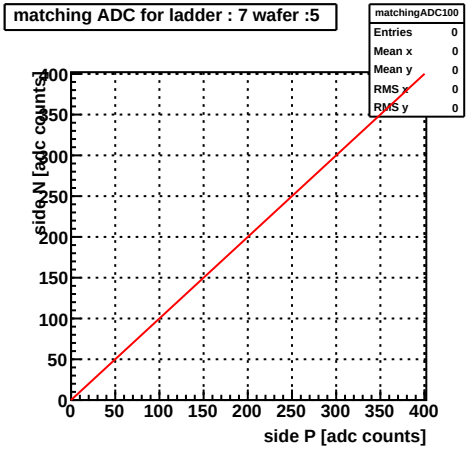

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1
Mean x 51
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

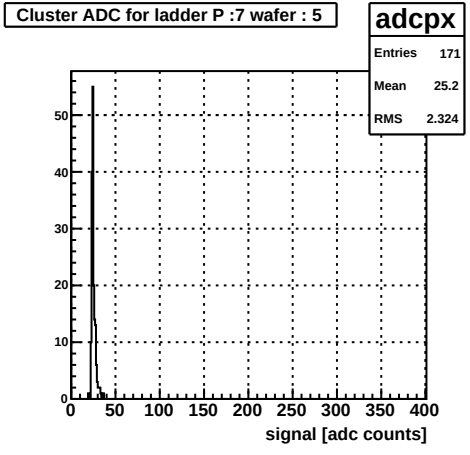

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 206
Mean 23.33
RMS 4.15
signal [adc counts]

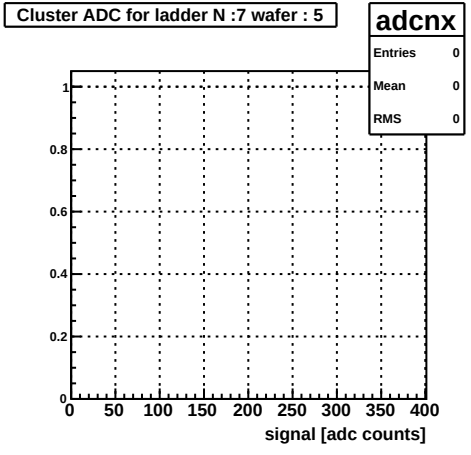

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1541
Mean 16.75
RMS 3.378
signal [adc counts]

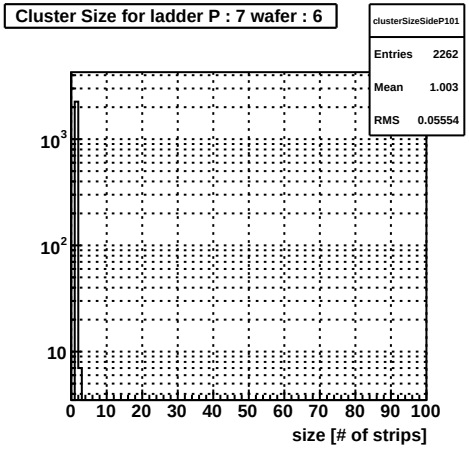

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 171
Mean 1
RMS 0
size [# of strips]

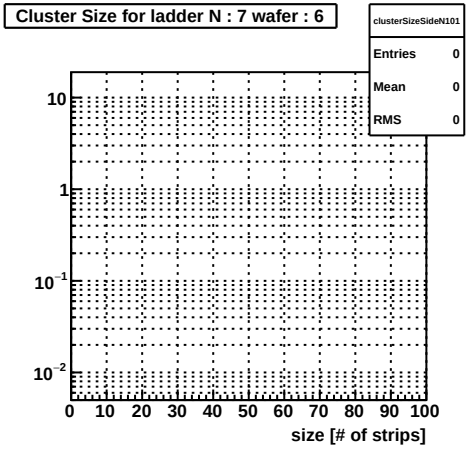

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

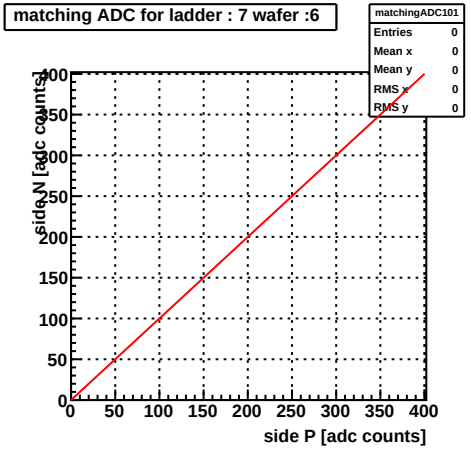

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

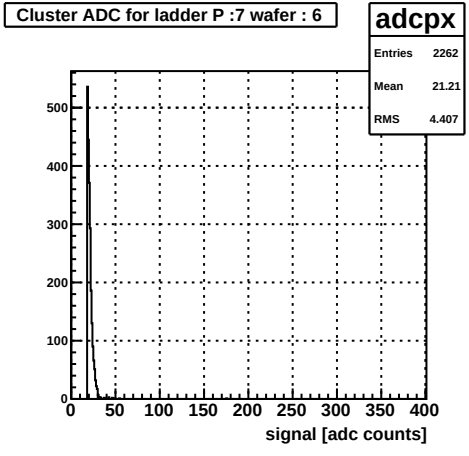

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 171
Mean 25.2
RMS 2.324
signal [adc counts]

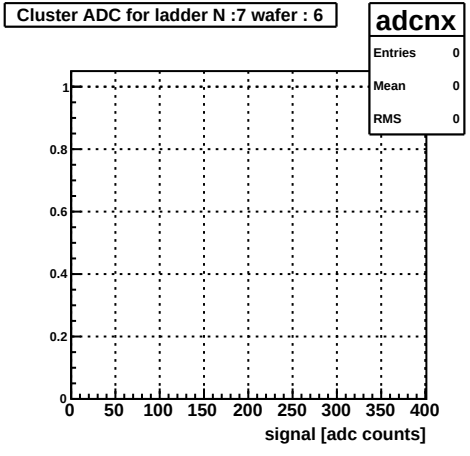

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

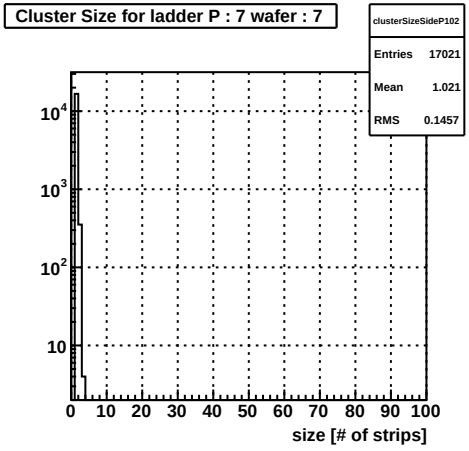

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2262
Mean 1.003
RMS 0.05554
size [# of strips]

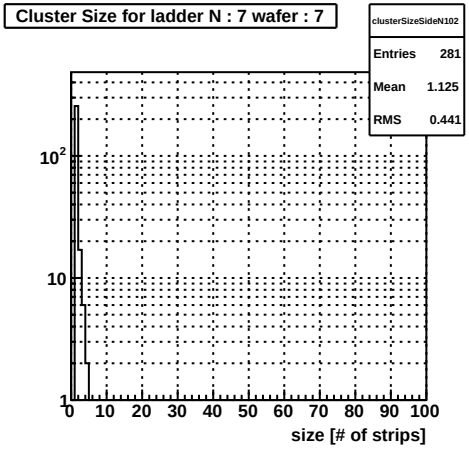

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

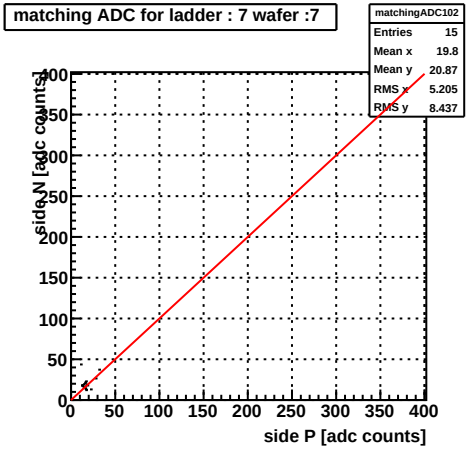

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

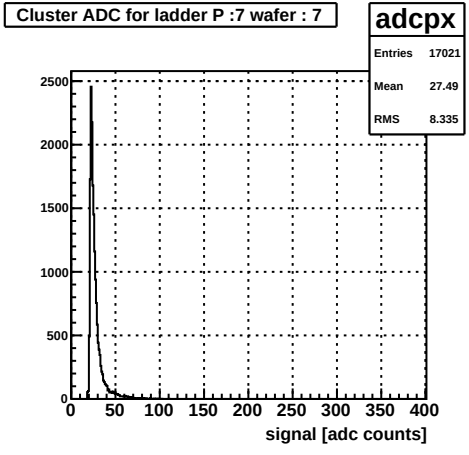

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2262
Mean 21.21
RMS 4.407
signal [adc counts]

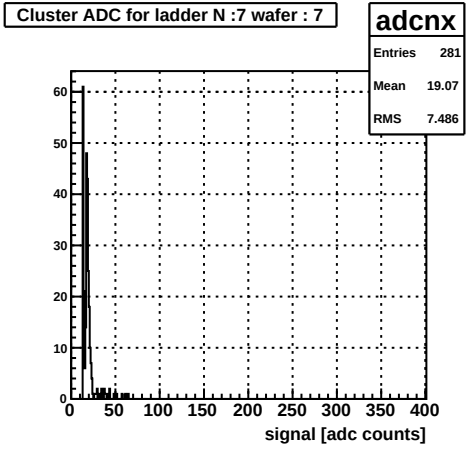

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

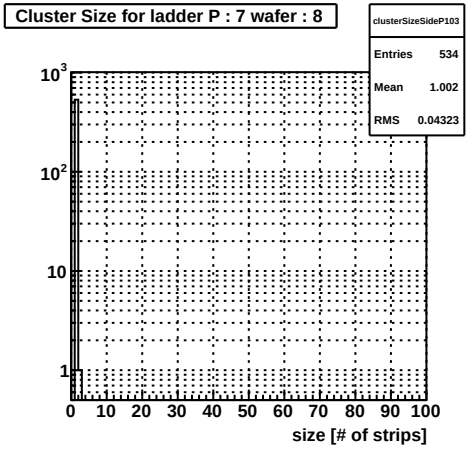

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 17021
Mean 1.021
RMS 0.1457
size [# of strips]

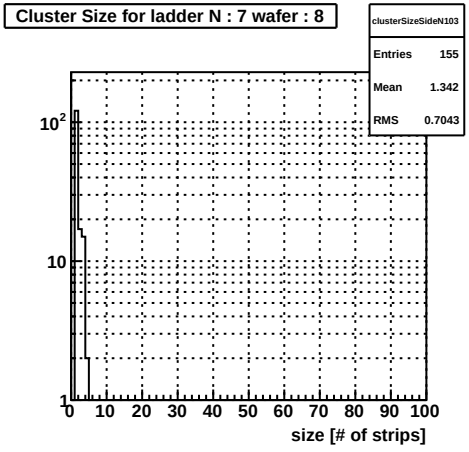

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 281
Mean 1.125
RMS 0.441
size [# of strips]

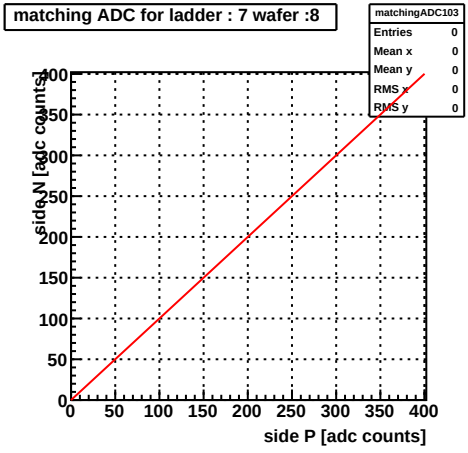

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 15
Mean x 19.8
Mean y 20.87
RMS x 5.205
RMS y 8.437
side N [adc counts]
side P [adc counts]

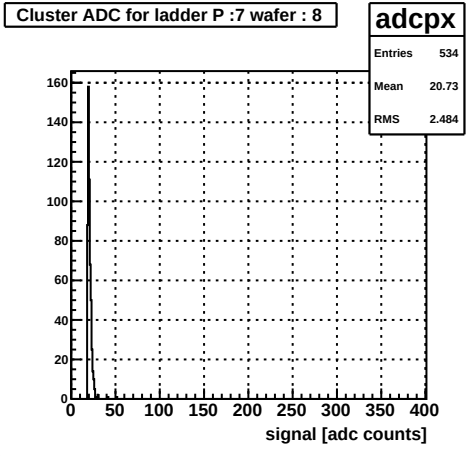

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 17021
Mean 27.49
RMS 8.335
signal [adc counts]

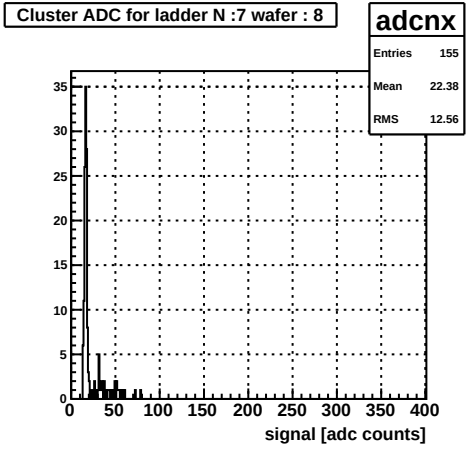

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 281
Mean 19.07
RMS 7.486
signal [adc counts]

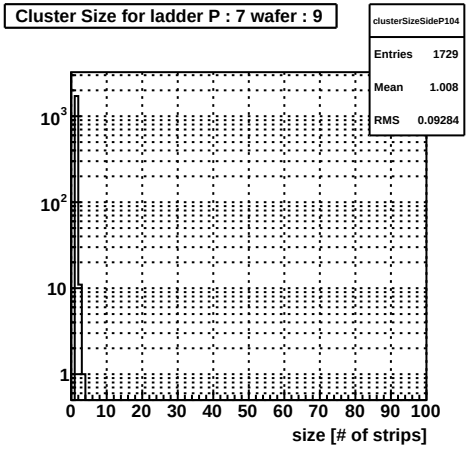

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 534
Mean 1.002
RMS 0.04323
size [# of strips]

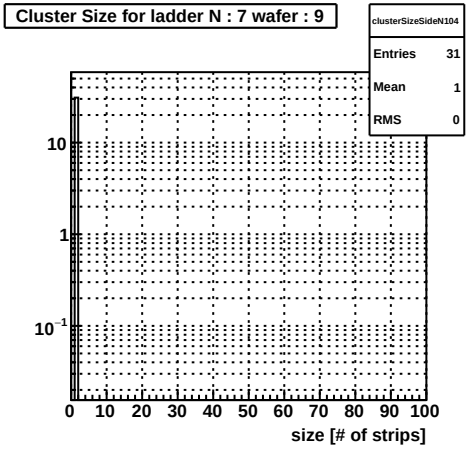

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 155
Mean 1.342
RMS 0.7043
size [# of strips]

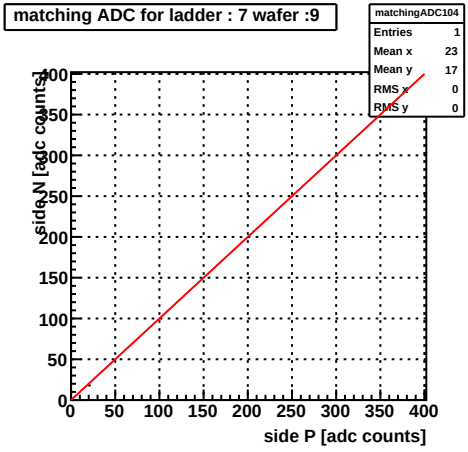

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

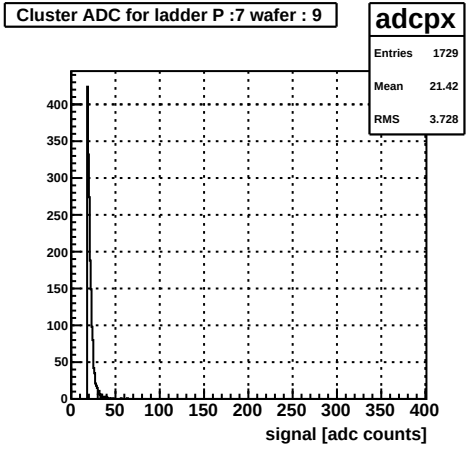

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 534
Mean 20.73
RMS 2.484
signal [adc counts]

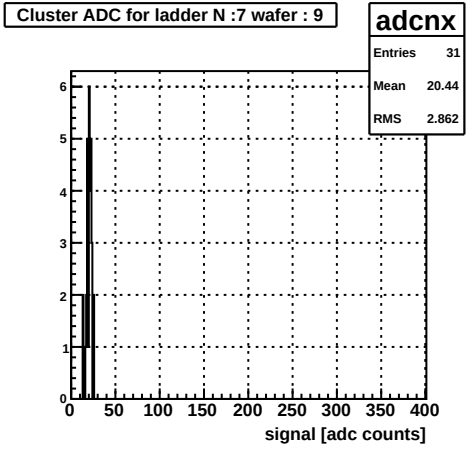

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 155
Mean 22.38
RMS 12.56
signal [adc counts]

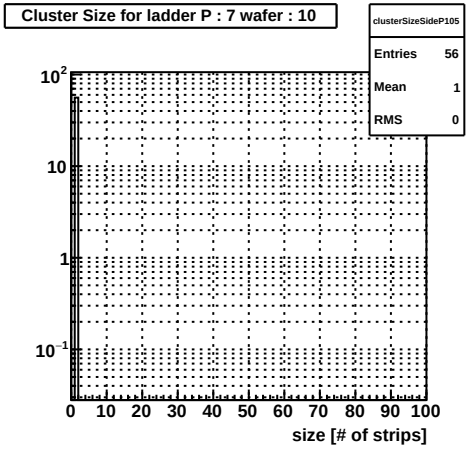

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 1729
Mean 1.008
RMS 0.09284
size [# of strips]

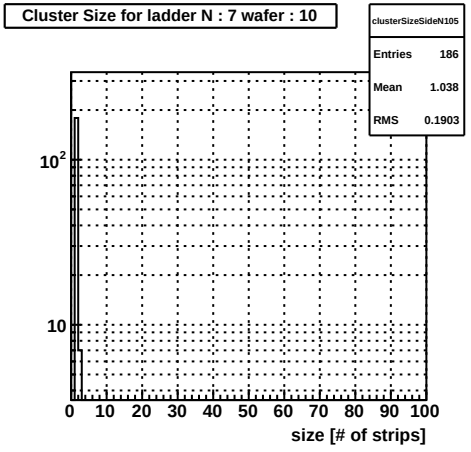

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 31
Mean 1
RMS 0
size [# of strips]

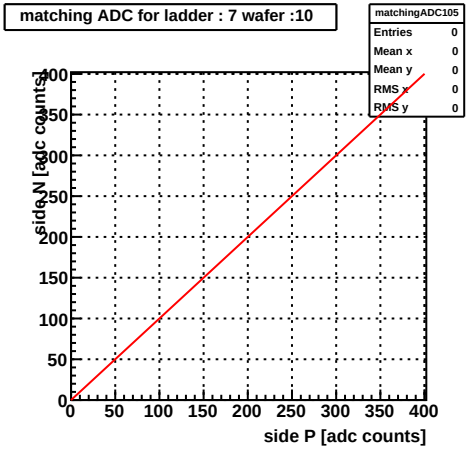

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

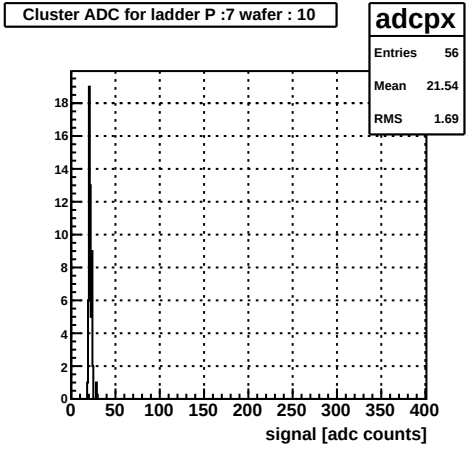

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 1729
Mean 21.42
RMS 3.728
signal [adc counts]

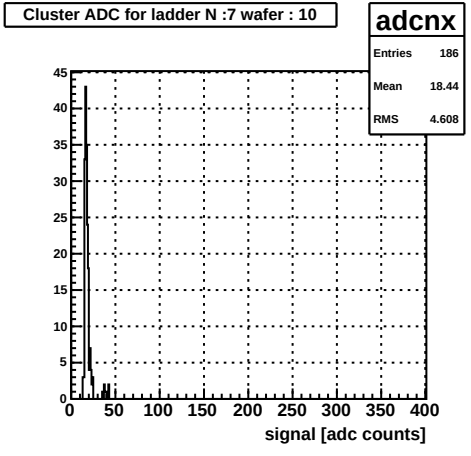

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 31
Mean 20.44
RMS 2.862
signal [adc counts]

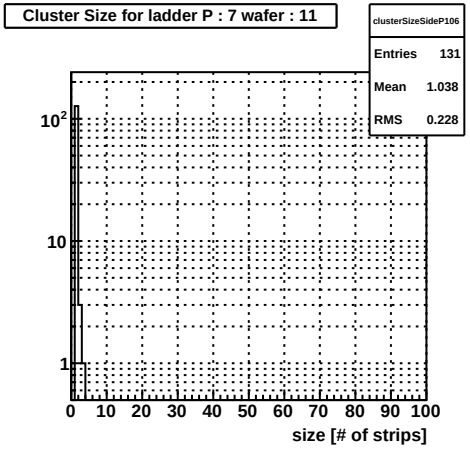

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 56
Mean 1
RMS 0
size [# of strips]

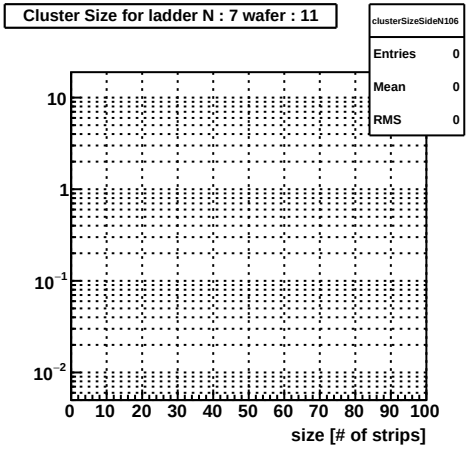

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 186
Mean 1.038
RMS 0.1903
size [# of strips]

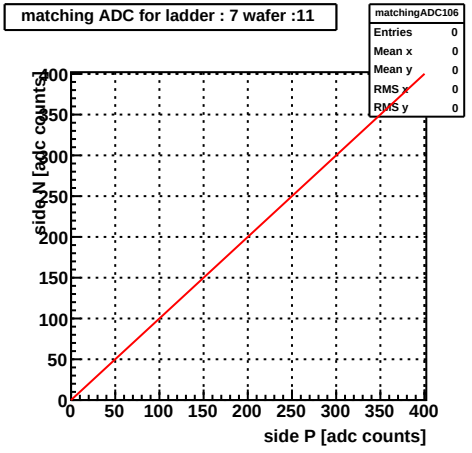

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

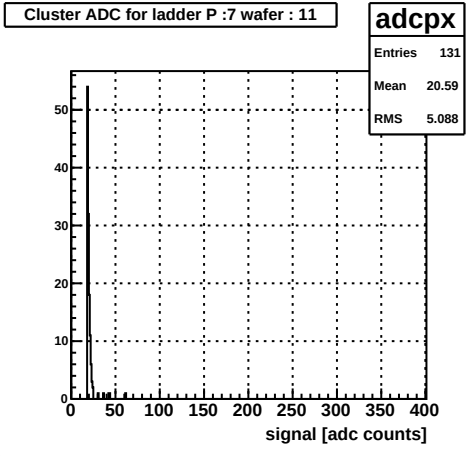

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 56
Mean 21.54
RMS 1.69
signal [adc counts]

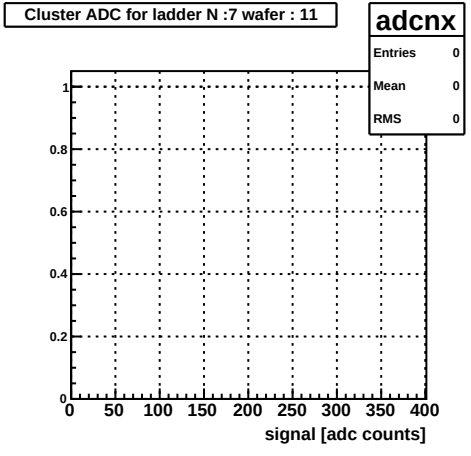

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 186
Mean 18.44
RMS 4.608
signal [adc counts]

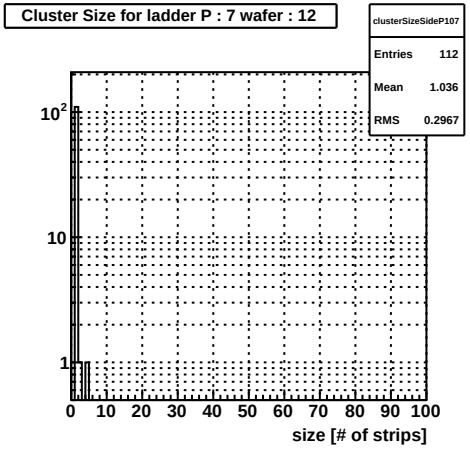

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 131
Mean 1.038
RMS 0.228
size [# of strips]

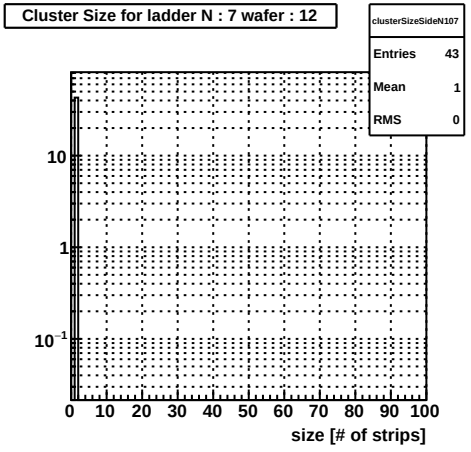

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

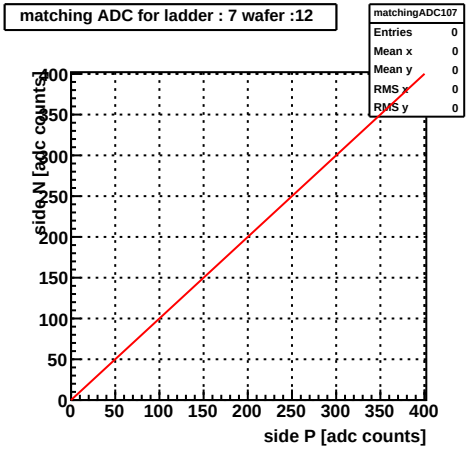

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

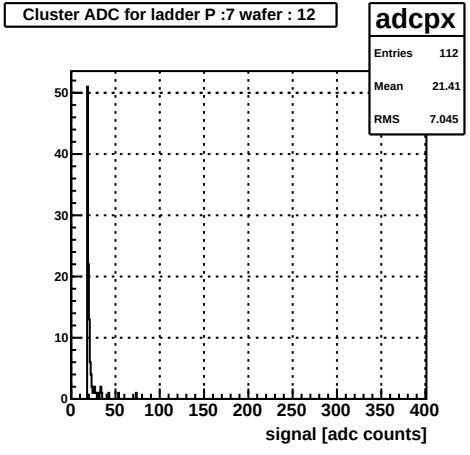

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 131
Mean 20.59
RMS 5.088
signal [adc counts]

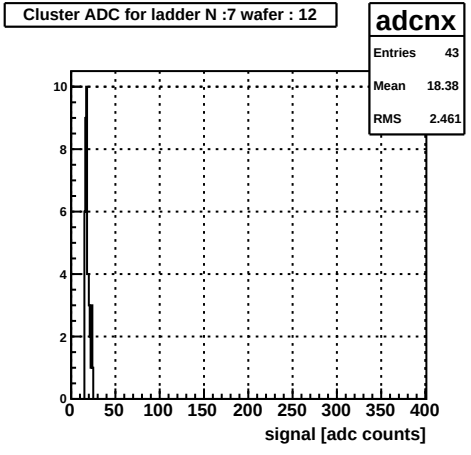

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

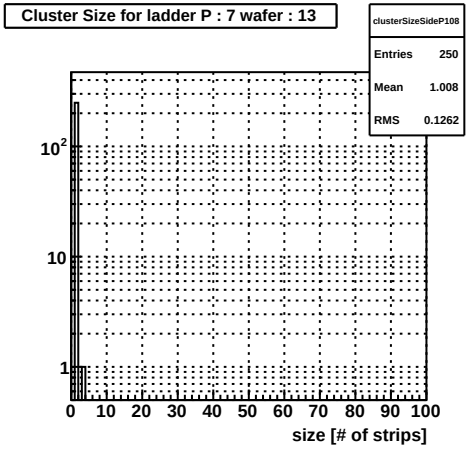

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 112
Mean 1.036
RMS 0.2967
size [# of strips]

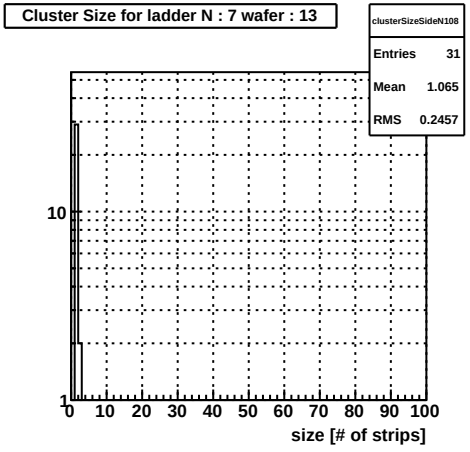

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 43
Mean 1
RMS 0
size [# of strips]

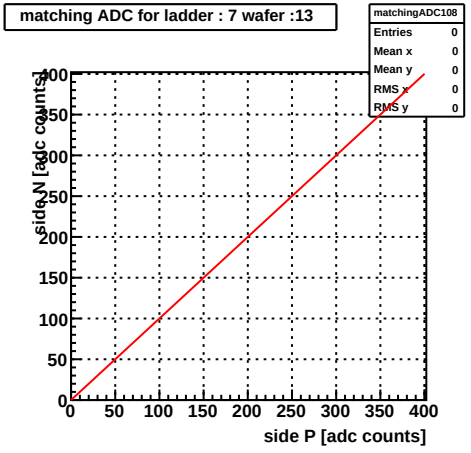

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

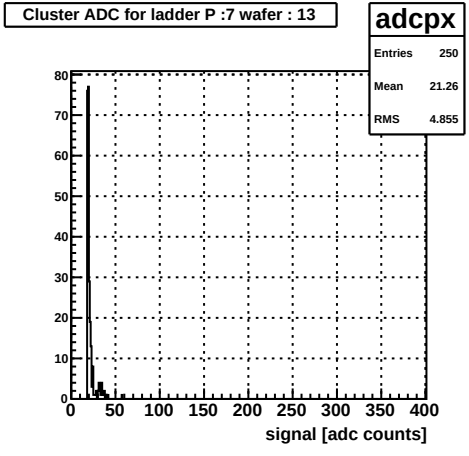

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 112
Mean 21.41
RMS 7.045
signal [adc counts]

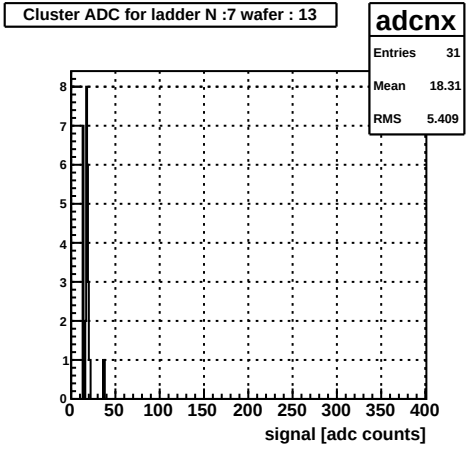

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 43
Mean 18.38
RMS 2.461
signal [adc counts]

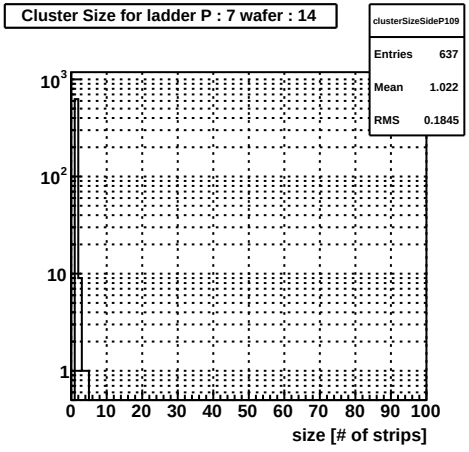

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 250
Mean 1.008
RMS 0.1262
size [# of strips]

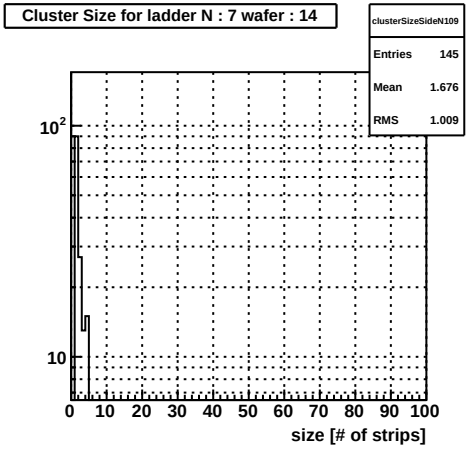

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 31
Mean 1.065
RMS 0.2457
size [# of strips]

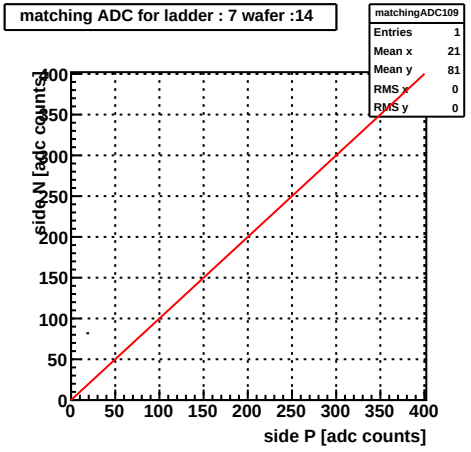

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

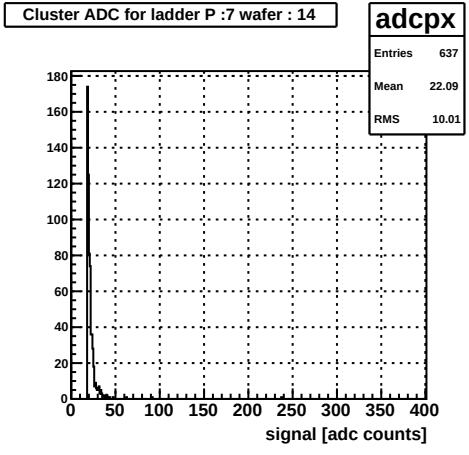

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 250
Mean 21.26
RMS 4.855
signal [adc counts]

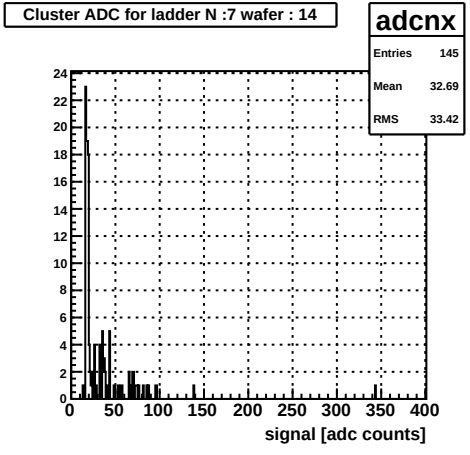

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 31
Mean 18.31
RMS 5.409
signal [adc counts]

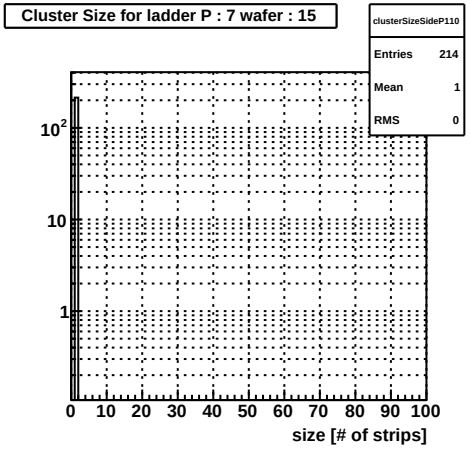

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 637
Mean 1.022
RMS 0.1845
size [# of strips]

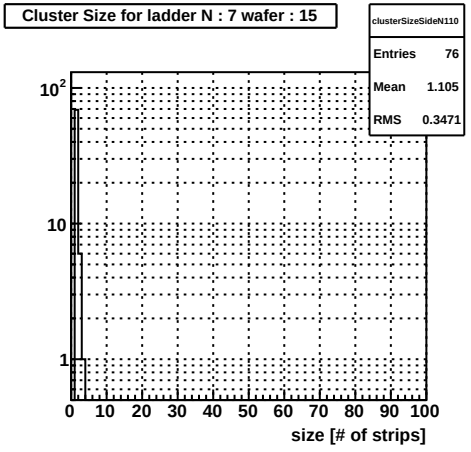

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 145
Mean 1.676
RMS 1.009
size [# of strips]

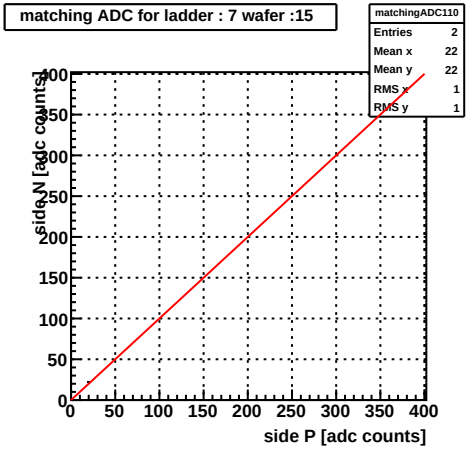

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 21
Mean y 81
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

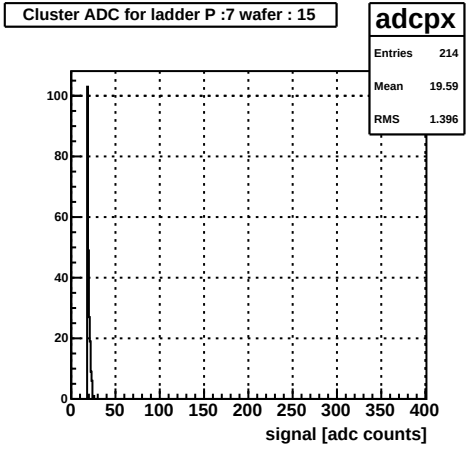

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 637
Mean 22.09
RMS 10.01
signal [adc counts]

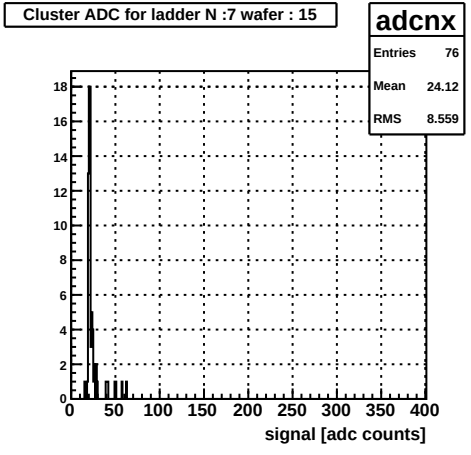

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 145
Mean 32.69
RMS 33.42
signal [adc counts]

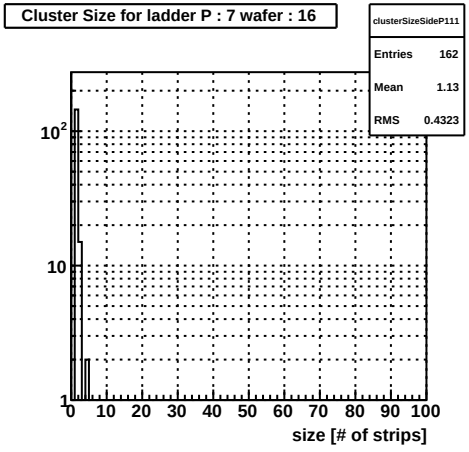

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 214
Mean 1
RMS 0
size [# of strips]

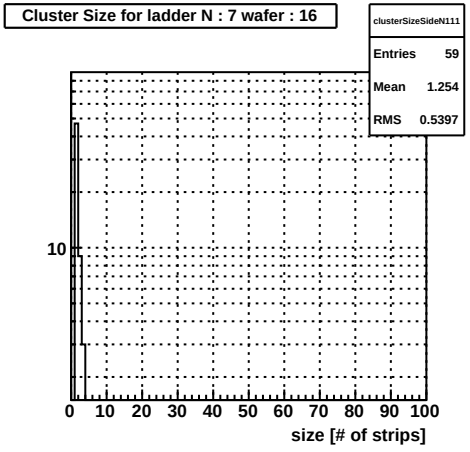

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 76
Mean 1.105
RMS 0.3471
size [# of strips]

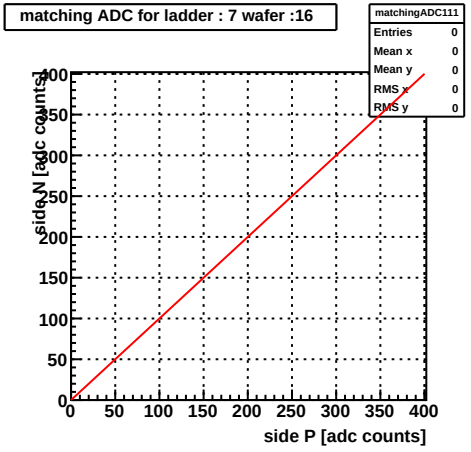

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 2
Mean x 22
Mean y 22
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

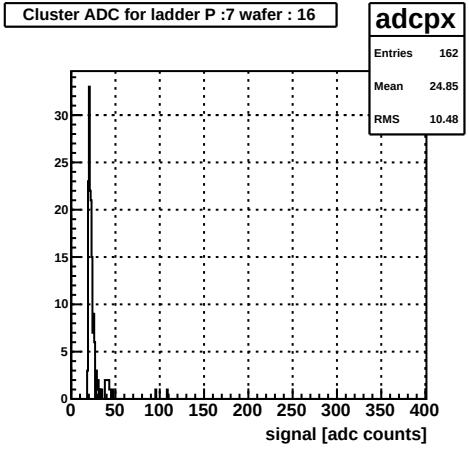

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 214
Mean 19.59
RMS 1.396
signal [adc counts]

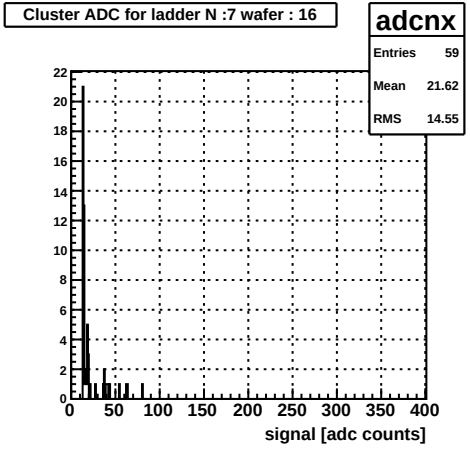

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 76
Mean 24.12
RMS 8.559
signal [adc counts]

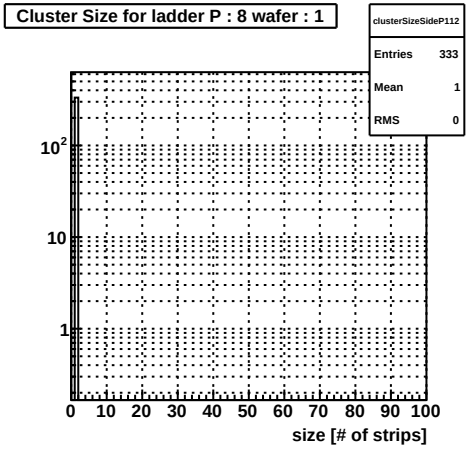

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 162
Mean 1.13
RMS 0.4323
size [# of strips]

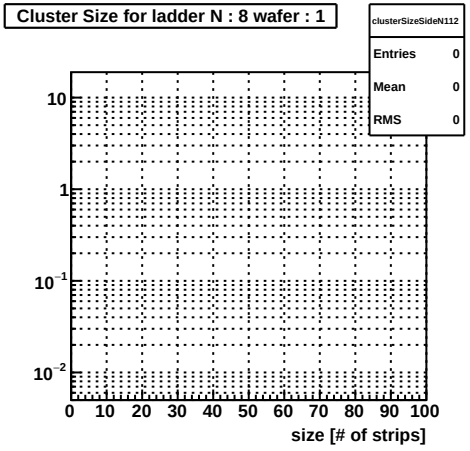

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 59
Mean 1.254
RMS 0.5397
size [# of strips]

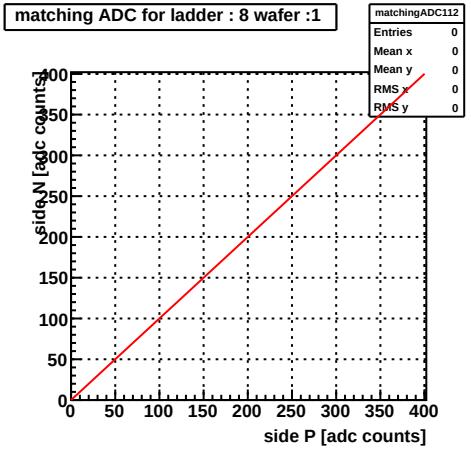

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

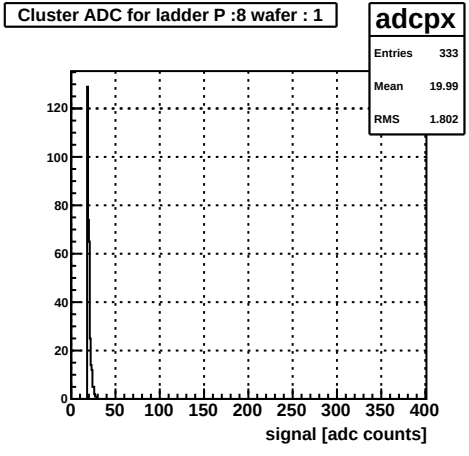

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 162
Mean 24.85
RMS 10.48
signal [adc counts]

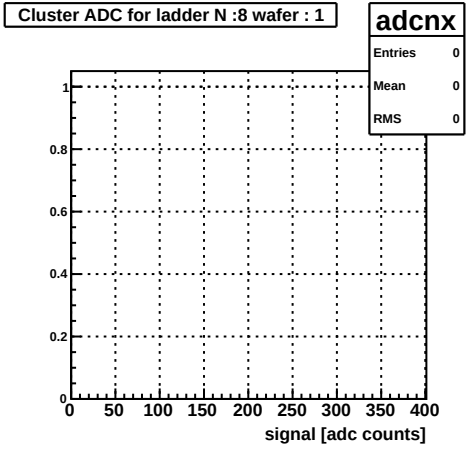

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 59
Mean 21.62
RMS 14.55
signal [adc counts]

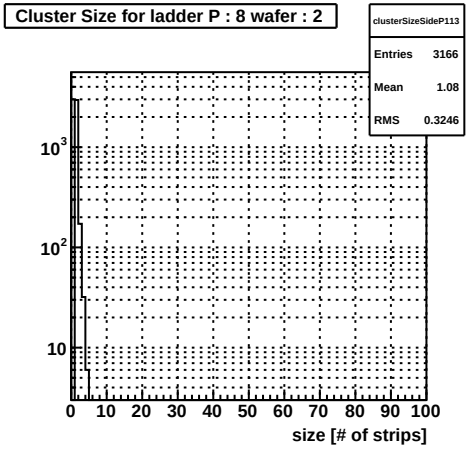

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 333
Mean 1
RMS 0
size [# of strips]

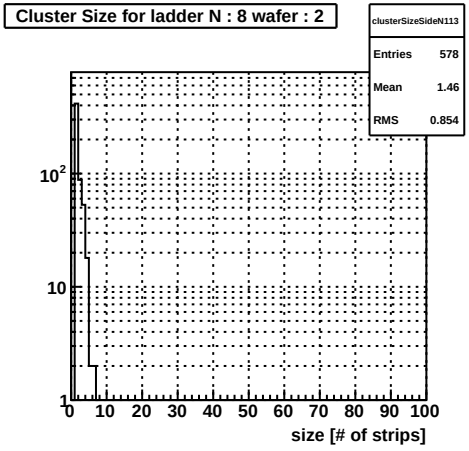

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

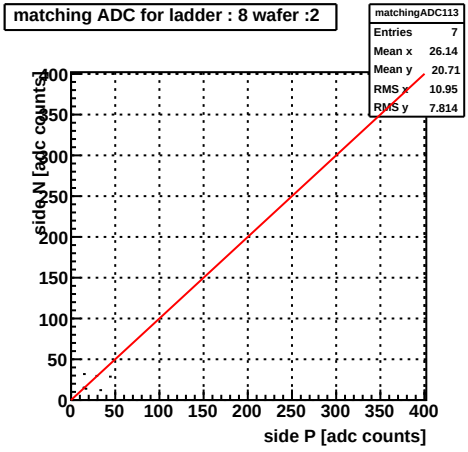

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

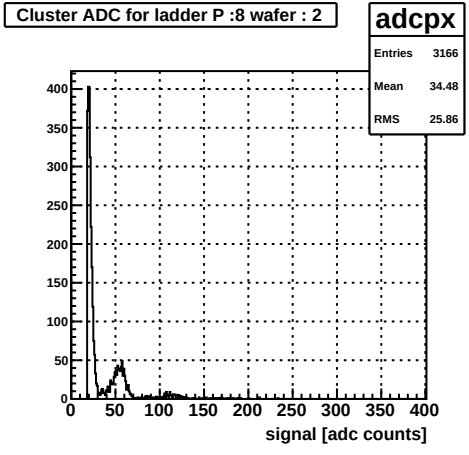

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 333
Mean 19.99
RMS 1.802
signal [adc counts]

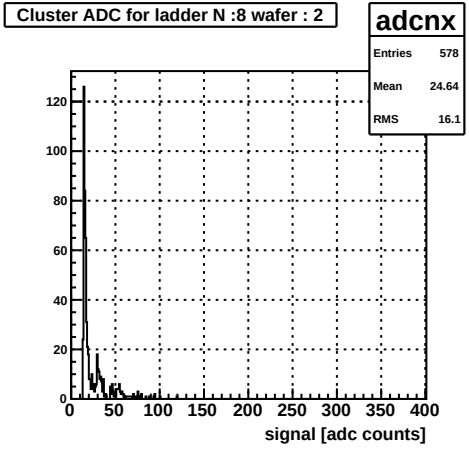

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

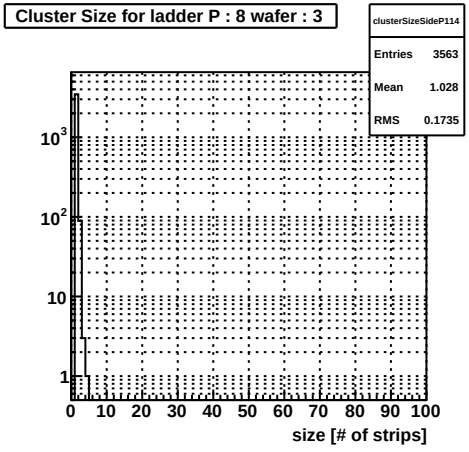

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3166
Mean 1.08
RMS 0.3246
size [# of strips]

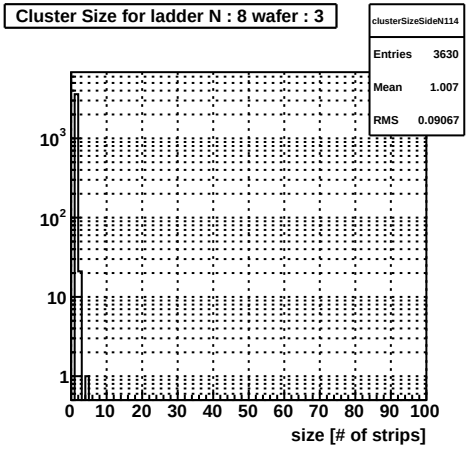

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 578
Mean 1.46
RMS 0.854
size [# of strips]

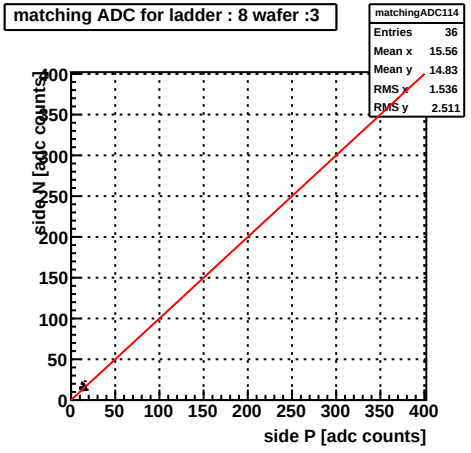

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 7
Mean x 26.14
Mean y 20.71
RMS x 10.95
RMS y 7.814
side N [adc counts]
side P [adc counts]

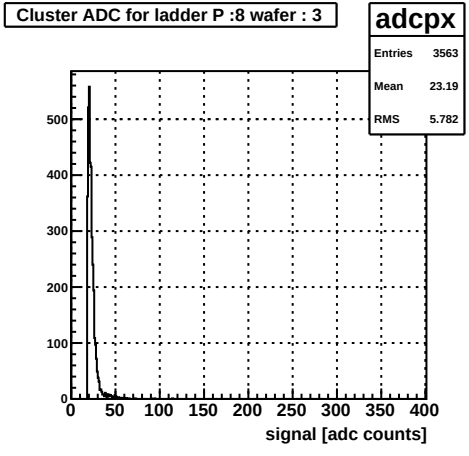

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3166
Mean 34.48
RMS 25.86
signal [adc counts]

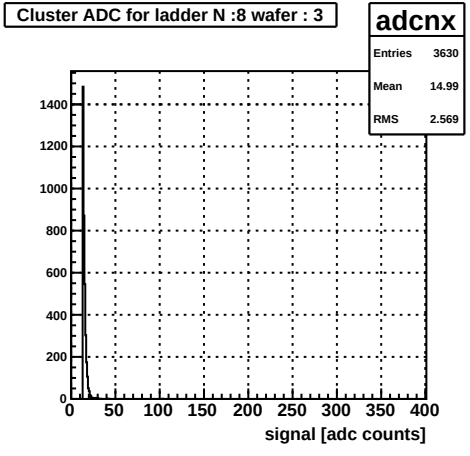

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 578
Mean 24.64
RMS 16.1
signal [adc counts]

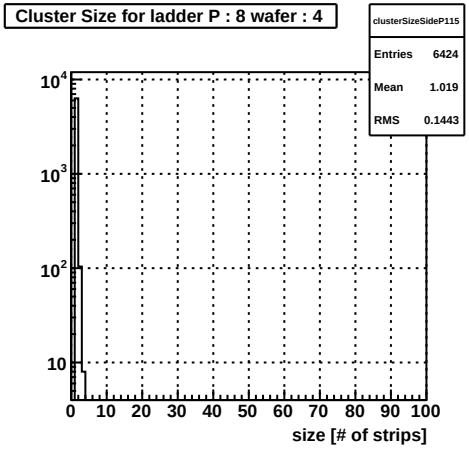

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3563
Mean 1.028
RMS 0.1735
size [# of strips]

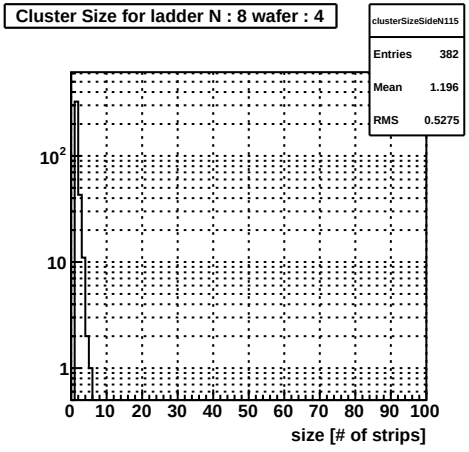

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3630
Mean 1.007
RMS 0.09067
size [# of strips]

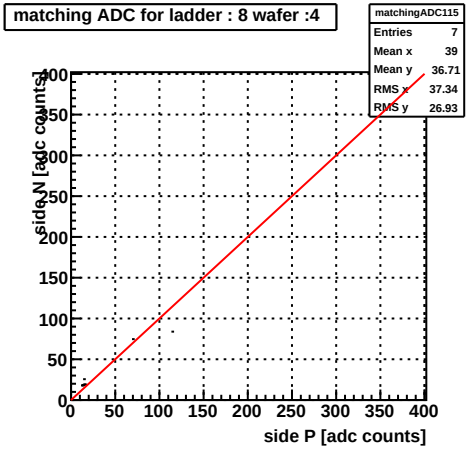

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 36
Mean x 15.56
Mean y 14.83
RMS x 1.536
RMS y 2.511
side N [adc counts]
side P [adc counts]

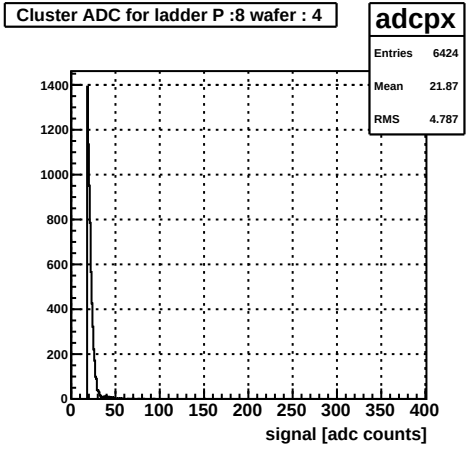

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3563
Mean 23.19
RMS 5.782
signal [adc counts]

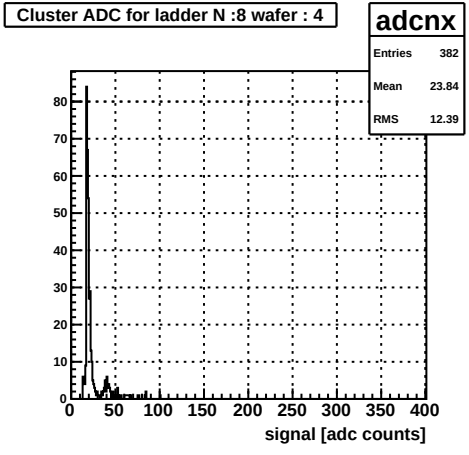

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3630
Mean 14.99
RMS 2.569
signal [adc counts]

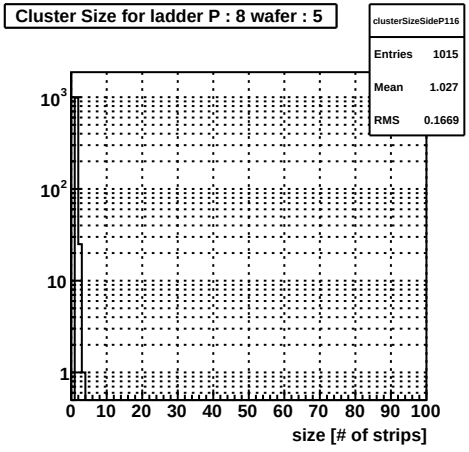

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 6424
Mean 1.019
RMS 0.1443
size [# of strips]

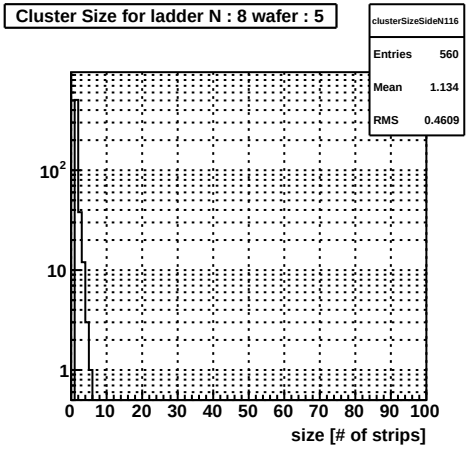

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 382
Mean 1.196
RMS 0.5275
size [# of strips]

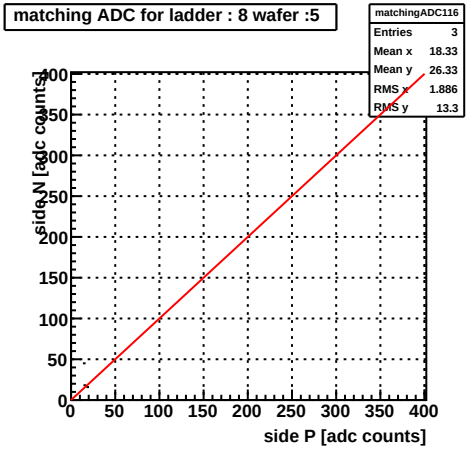

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 7
Mean x 39
Mean y 36.71
RMS x 37.34
RMS y 26.93
side N [adc counts]
side P [adc counts]

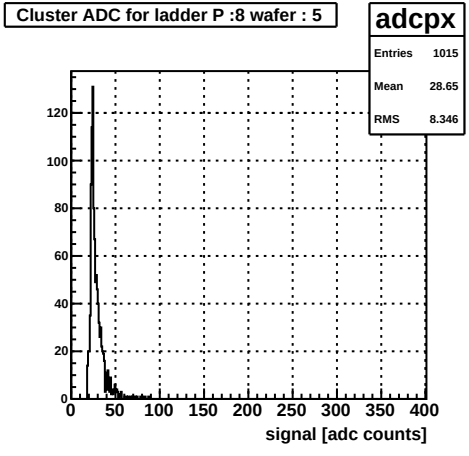

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 6424
Mean 21.87
RMS 4.787
signal [adc counts]

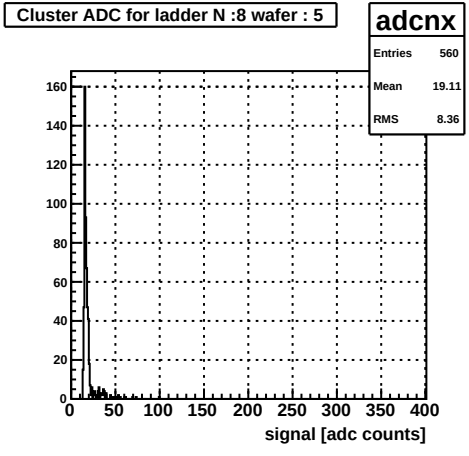

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 382
Mean 23.84
RMS 12.39
signal [adc counts]

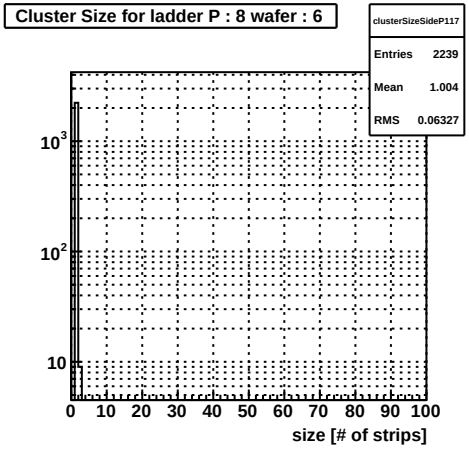

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1015
Mean 1.027
RMS 0.1669
size [# of strips]

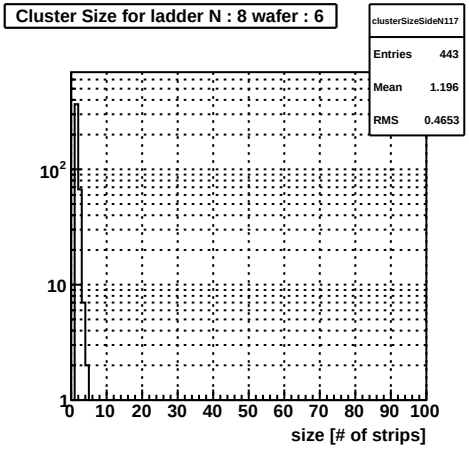

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 560
Mean 1.134
RMS 0.4609
size [# of strips]

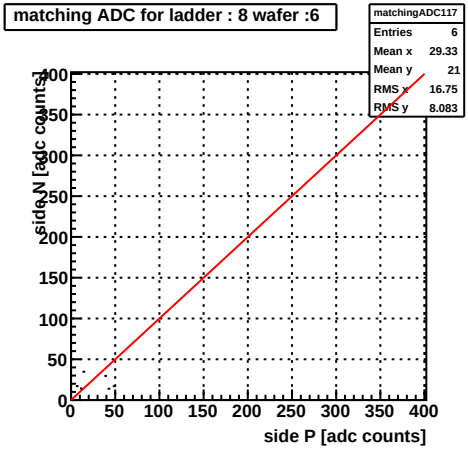

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 3
Mean x 18.33
Mean y 26.33
RMS x 1.886
RMS y 13.3
side N [adc counts]
side P [adc counts]

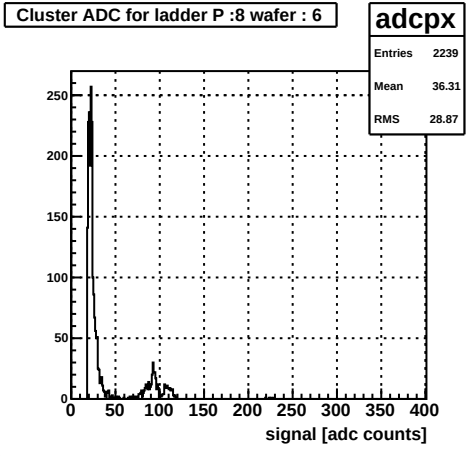

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1015
Mean 28.65
RMS 8.346
signal [adc counts]

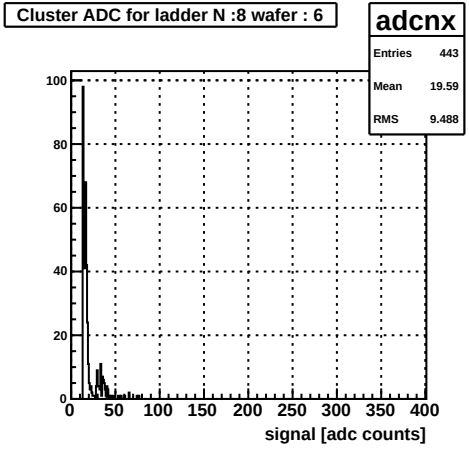

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 560
Mean 19.11
RMS 8.36
signal [adc counts]

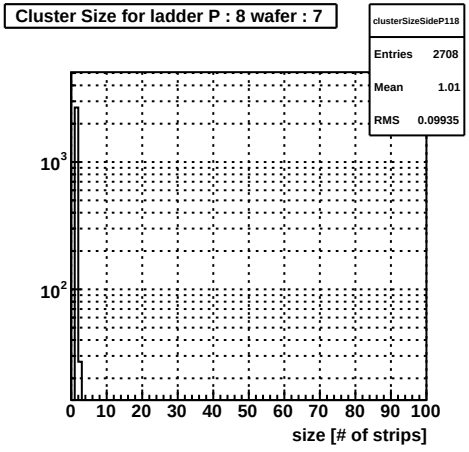

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 2239
Mean 1.004
RMS 0.06327
size [# of strips]

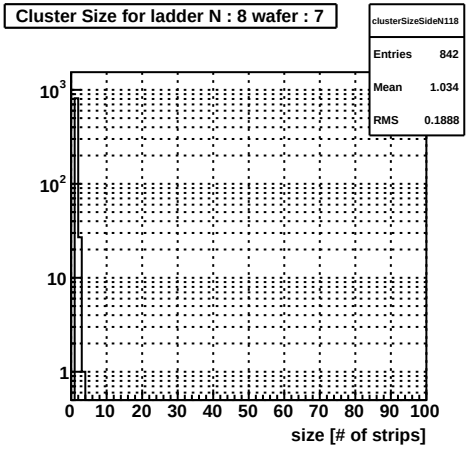

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 443
Mean 1.196
RMS 0.4653
size [# of strips]

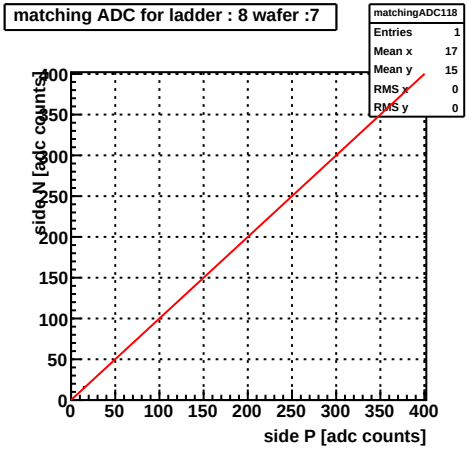

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 6
Mean x 29.33
Mean y 21
RMS x 16.75
RMS y 8.083
side N [adc counts]
side P [adc counts]

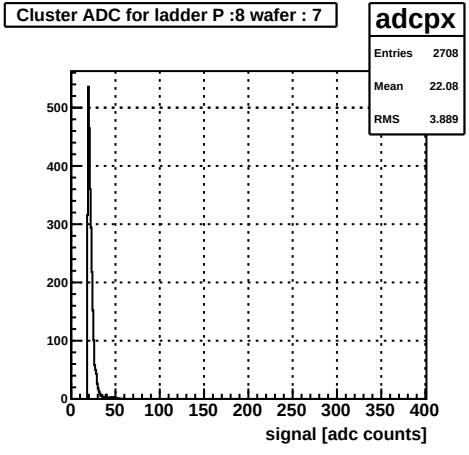

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 2239
Mean 36.31
RMS 28.87
signal [adc counts]

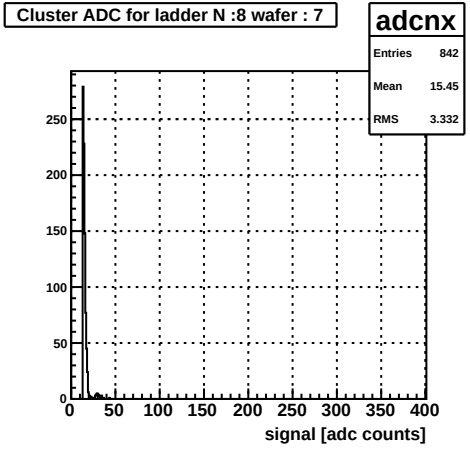

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 443
Mean 19.59
RMS 9.488
signal [adc counts]

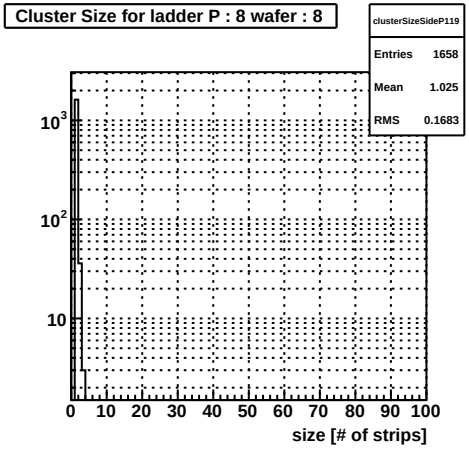

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 2708
Mean 1.01
RMS 0.09935
size [# of strips]

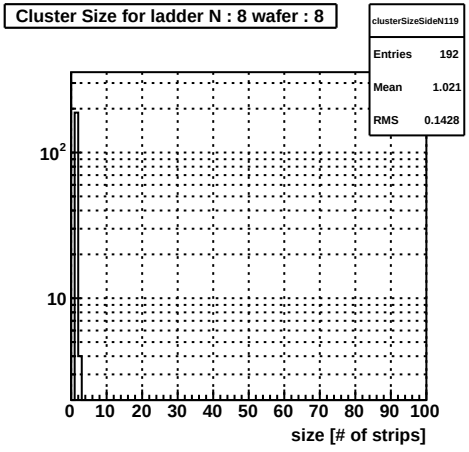

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 842
Mean 1.034
RMS 0.1888
size [# of strips]

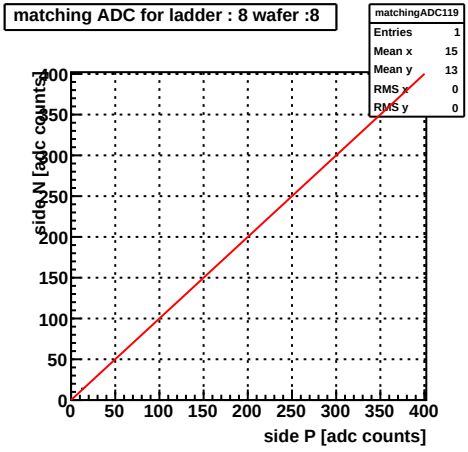

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

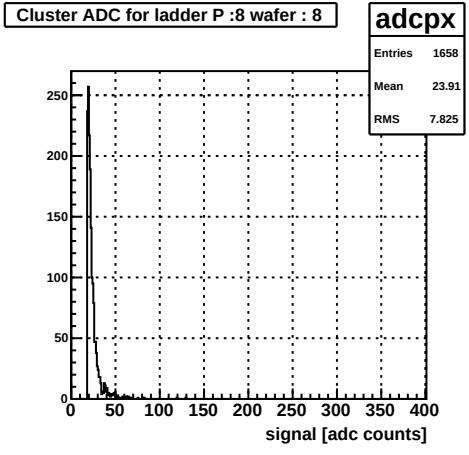

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 2708
Mean 22.08
RMS 3.889
signal [adc counts]

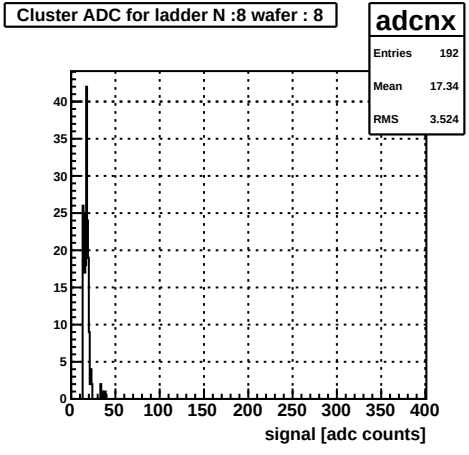

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 842
Mean 15.45
RMS 3.332
signal [adc counts]

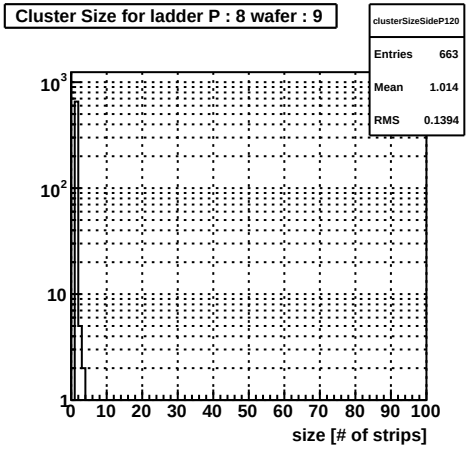

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 1658
Mean 1.025
RMS 0.1683
size [# of strips]

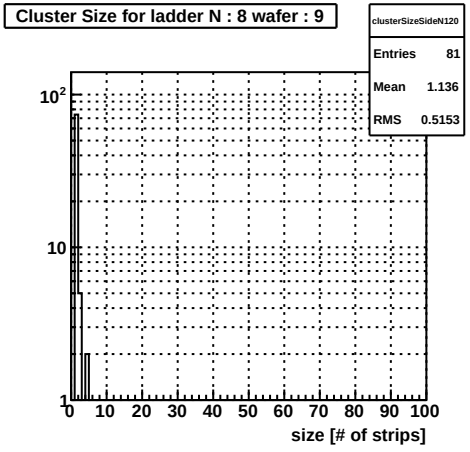

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 192
Mean 1.021
RMS 0.1428
size [# of strips]

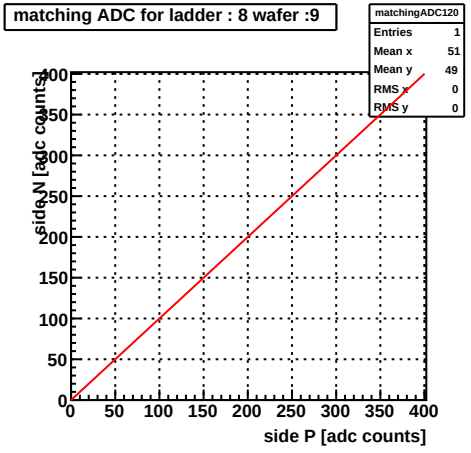

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1
Mean x 15
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

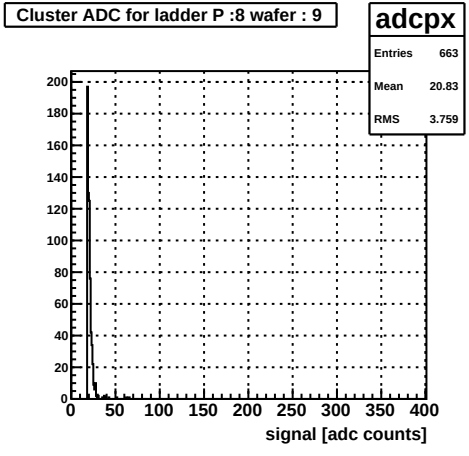

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 1658
Mean 23.91
RMS 7.825
signal [adc counts]

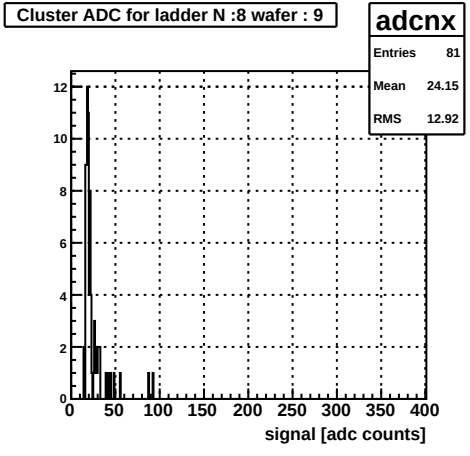

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 192
Mean 17.34
RMS 3.524
signal [adc counts]

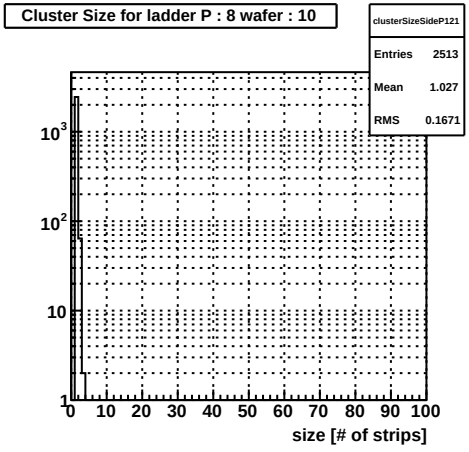

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 663
Mean 1.014
RMS 0.1394
size [# of strips]

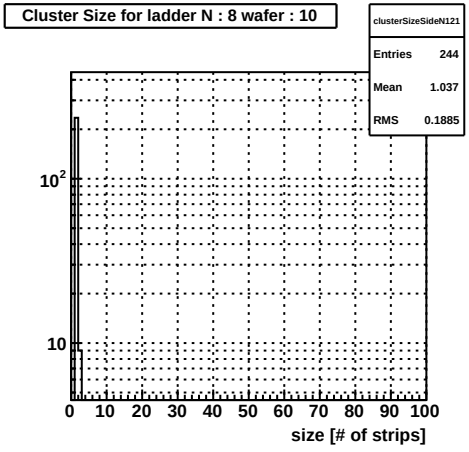

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 81
Mean 1.136
RMS 0.5153
size [# of strips]

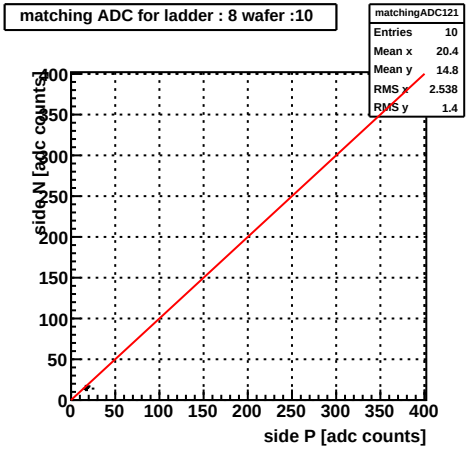

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1
Mean x 51
Mean y 49
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

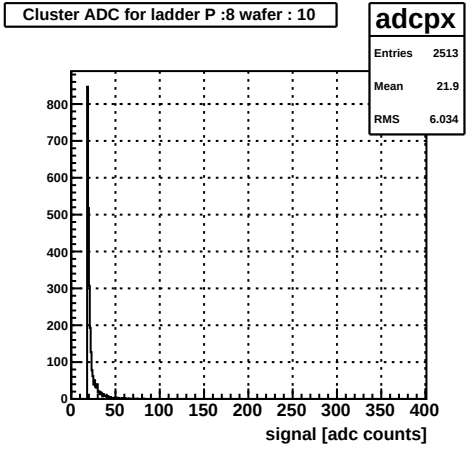

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 663
Mean 20.83
RMS 3.759
signal [adc counts]

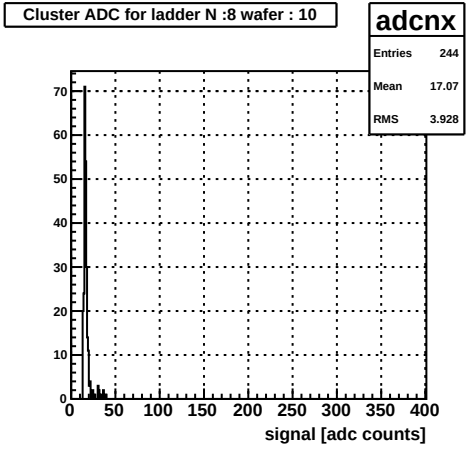

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 81
Mean 24.15
RMS 12.92
signal [adc counts]

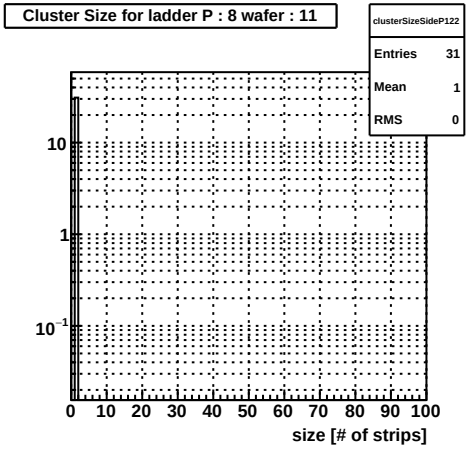

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2513
Mean 1.027
RMS 0.1671
size [# of strips]

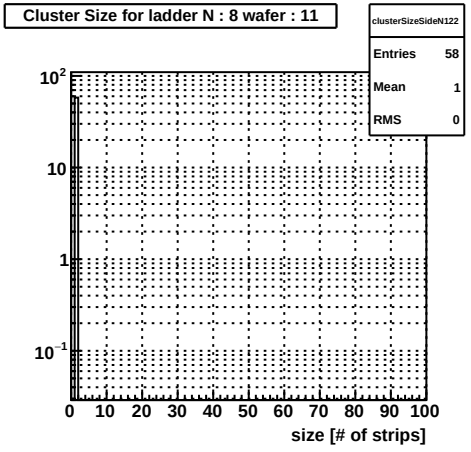

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 244
Mean 1.037
RMS 0.1885
size [# of strips]

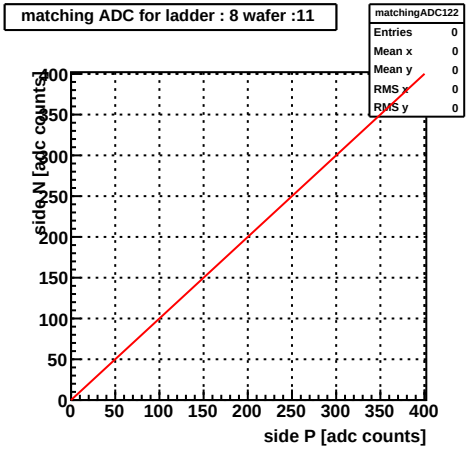

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10
Mean x 20.4
Mean y 14.8
RMS x 2.538
RMS y 1.4
side N [adc counts]
side P [adc counts]

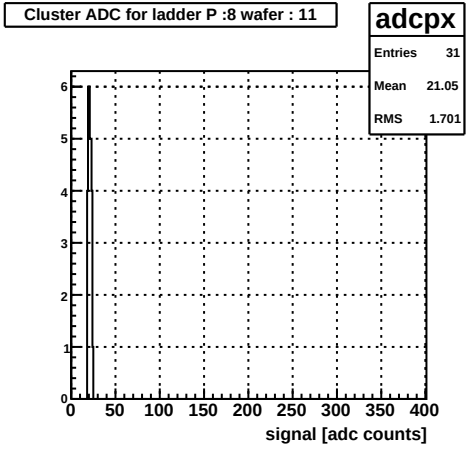

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2513
Mean 21.9
RMS 6.034
signal [adc counts]

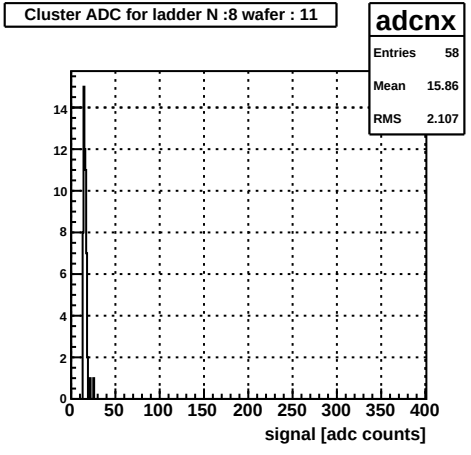

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 244
Mean 17.07
RMS 3.928
signal [adc counts]

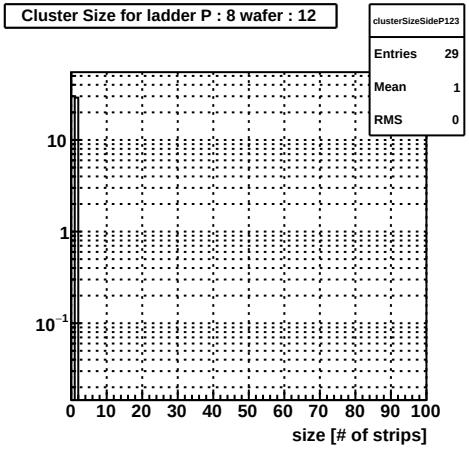

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 31
Mean 1
RMS 0
size [# of strips]

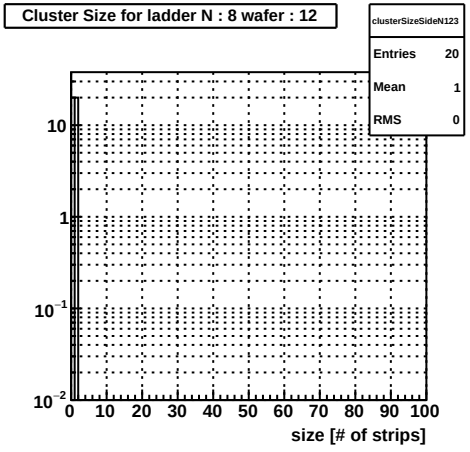

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 58
Mean 1
RMS 0
size [# of strips]

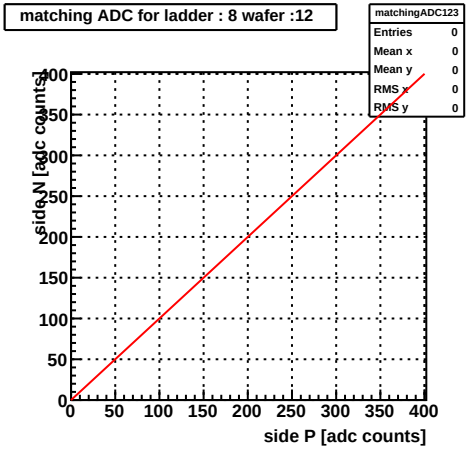

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

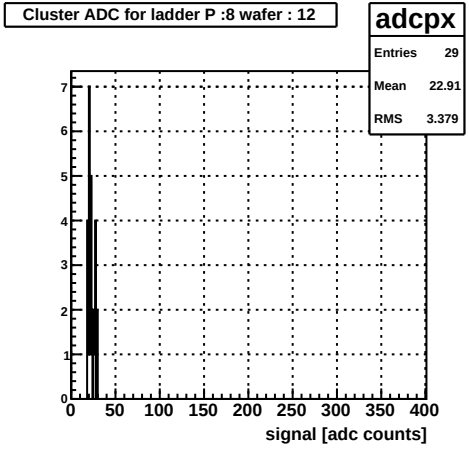

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 31
Mean 21.05
RMS 1.701
signal [adc counts]

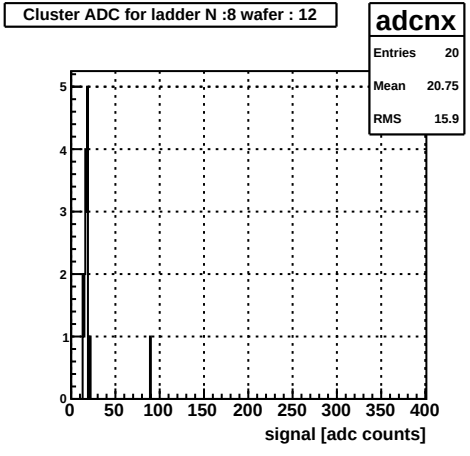

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 58
Mean 15.86
RMS 2.107
signal [adc counts]

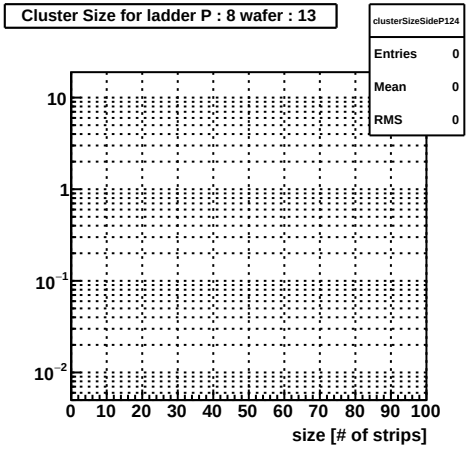

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 29
Mean 1
RMS 0
size [# of strips]

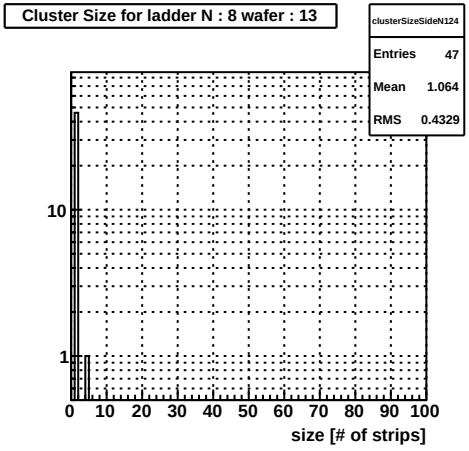

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 20
Mean 1
RMS 0
size [# of strips]

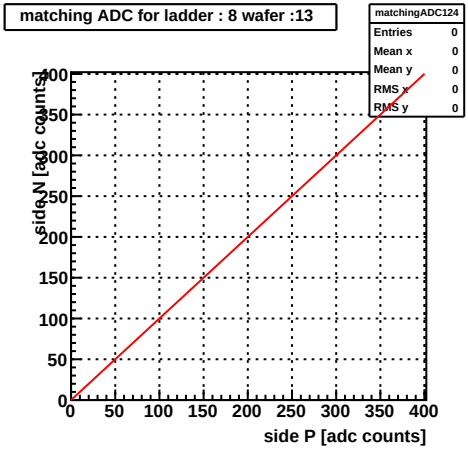

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

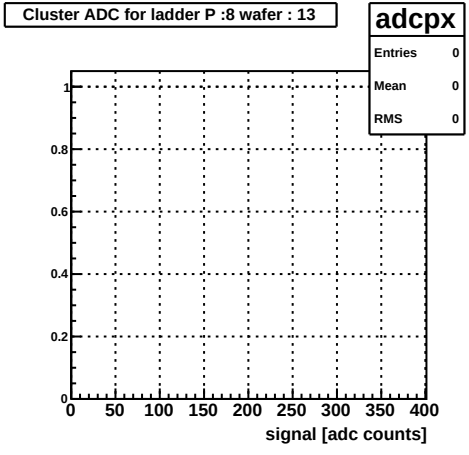

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 29
Mean 22.91
RMS 3.379
signal [adc counts]

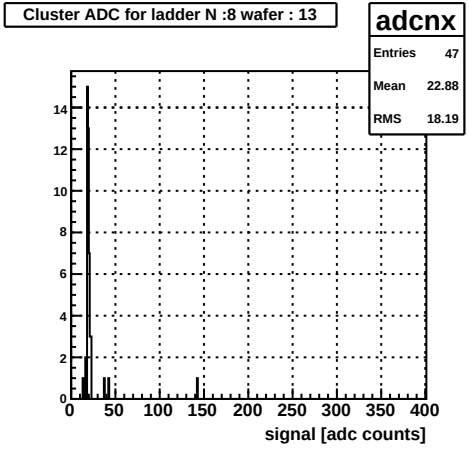

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 20
Mean 20.75
RMS 15.9
signal [adc counts]

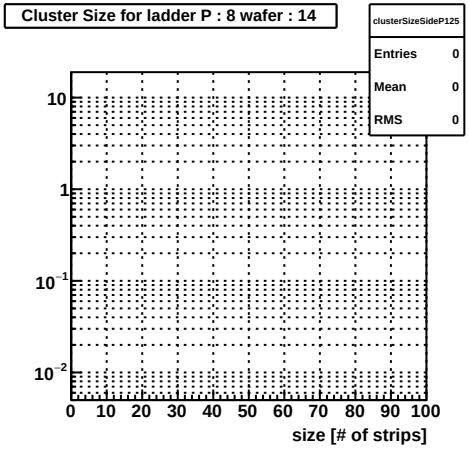

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

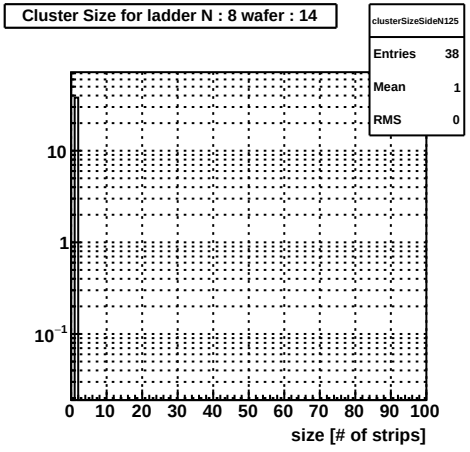

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 47
Mean 1.064
RMS 0.4329
size [# of strips]

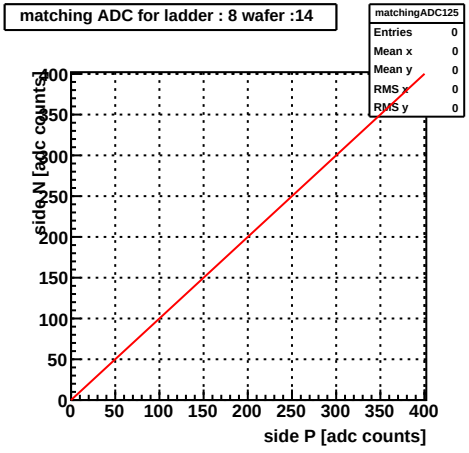

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

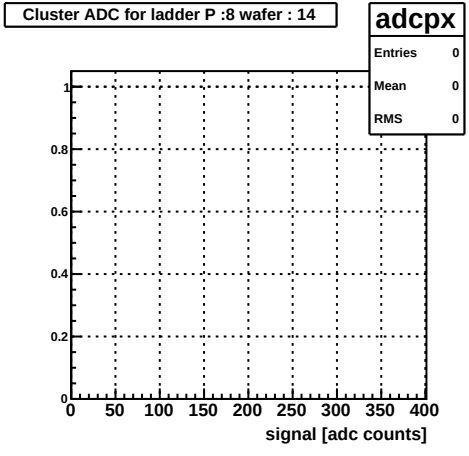

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

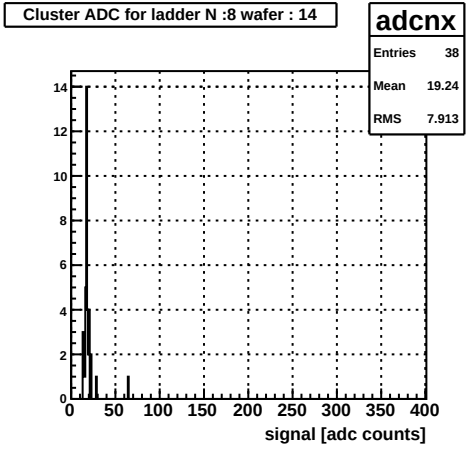

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 47
Mean 22.88
RMS 18.19
signal [adc counts]

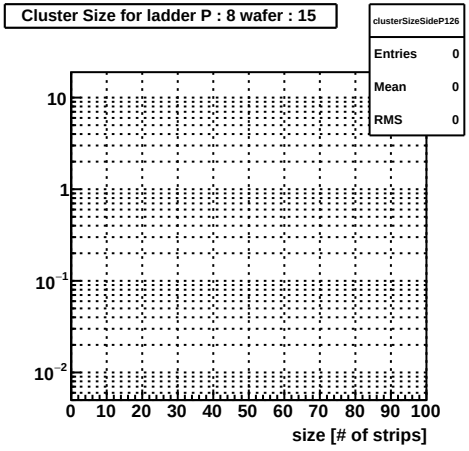

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

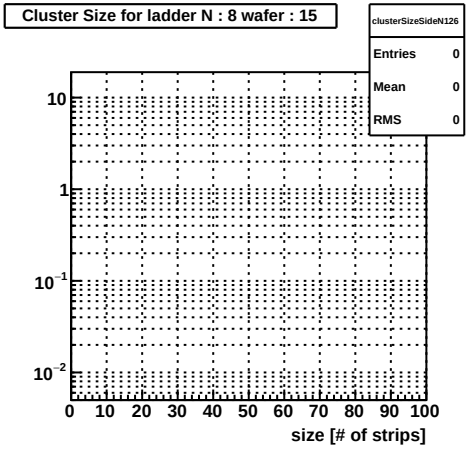

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 38
Mean 1
RMS 0
size [# of strips]

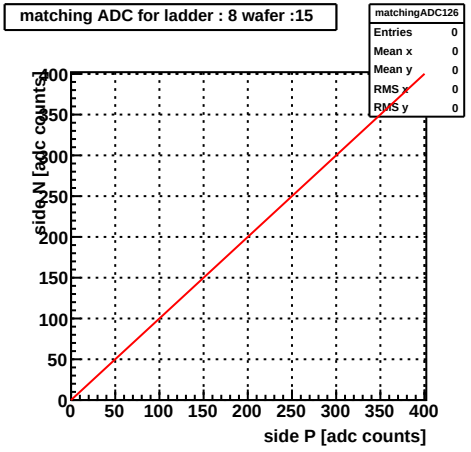

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

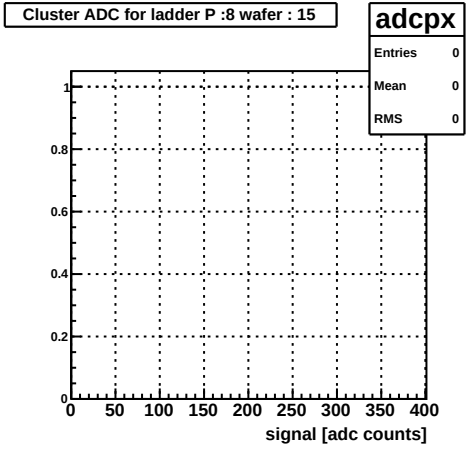

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

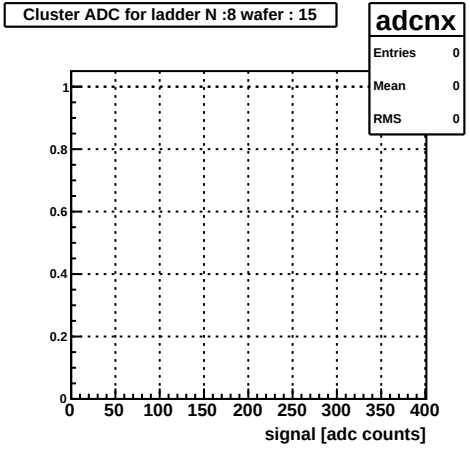

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 38
Mean 19.24
RMS 7.913
signal [adc counts]

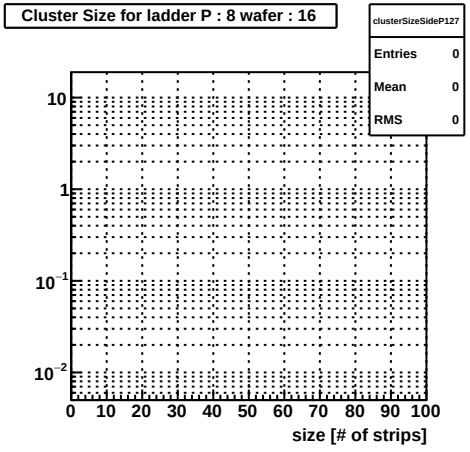

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

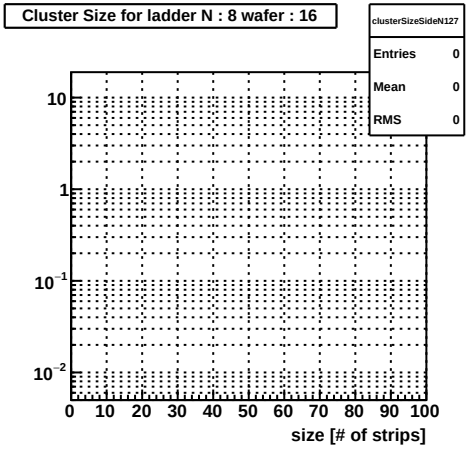

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

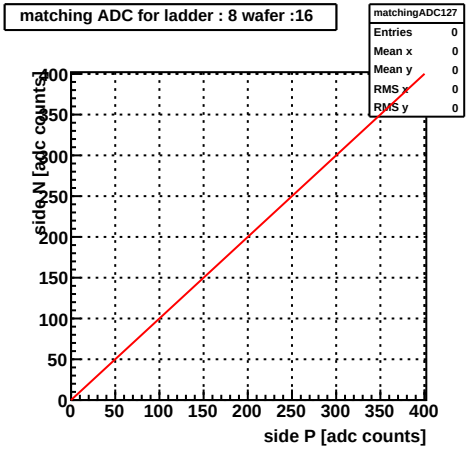

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

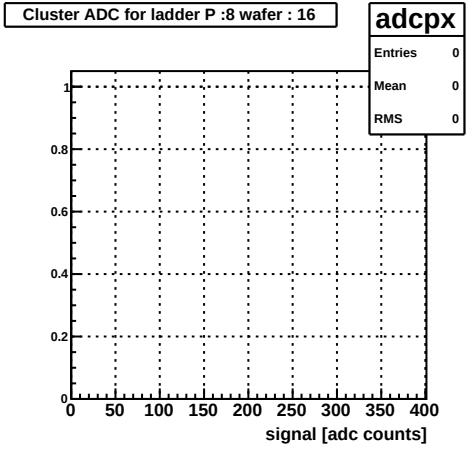

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

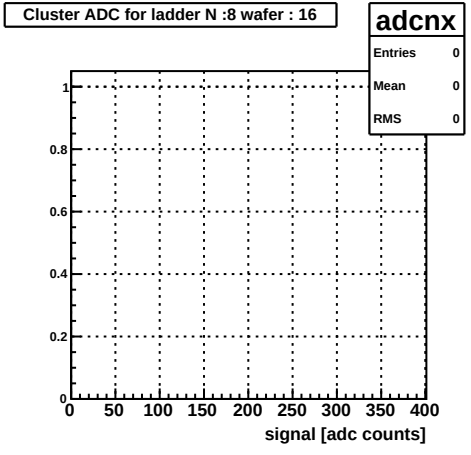

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

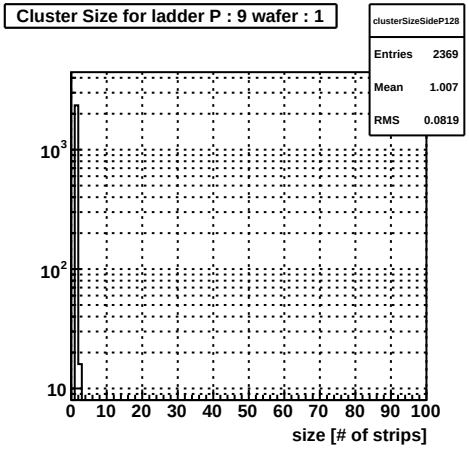

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

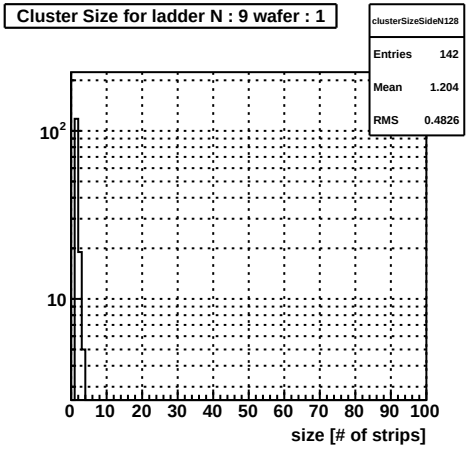

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

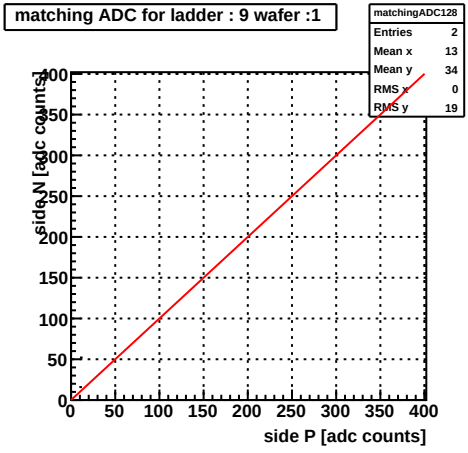

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

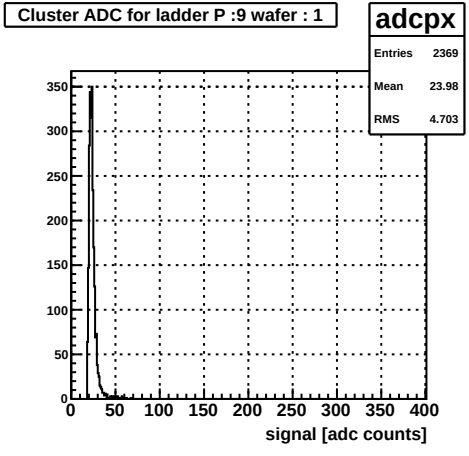

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

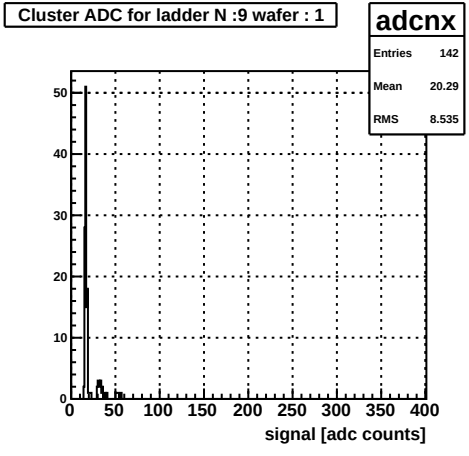

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

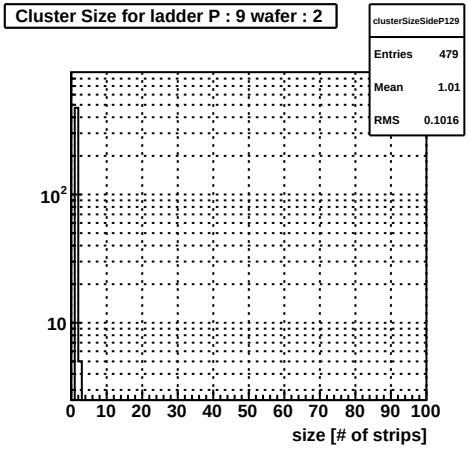

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 2369
Mean 1.007
RMS 0.0819
size [# of strips]

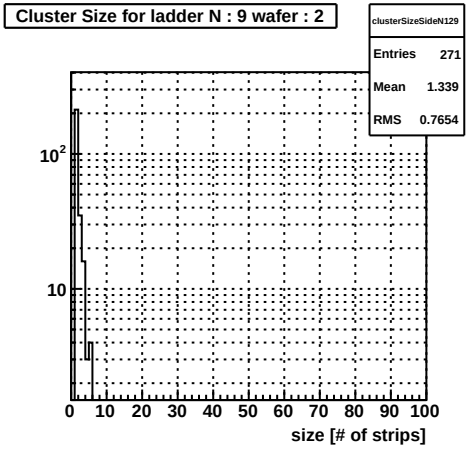

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 142
Mean 1.204
RMS 0.4826
size [# of strips]

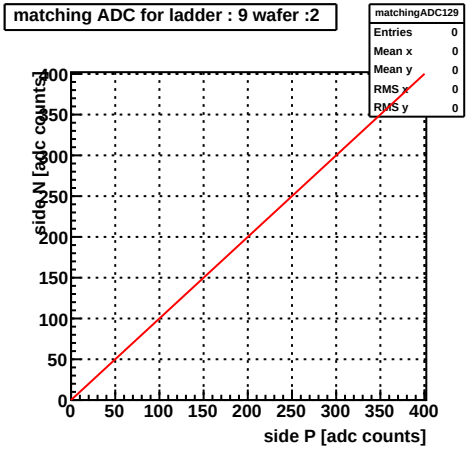

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 2
Mean x 13
Mean y 34
RMS x 0
RMS y 19
side N [adc counts]
side P [adc counts]

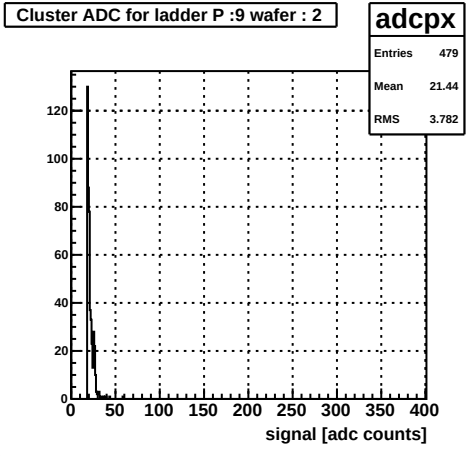

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 2369
Mean 23.98
RMS 4.703
signal [adc counts]

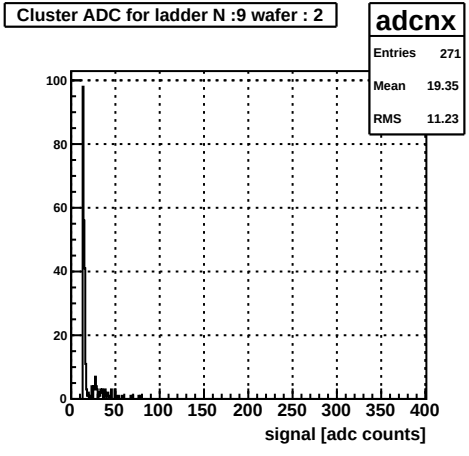

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 142
Mean 20.29
RMS 8.535
signal [adc counts]

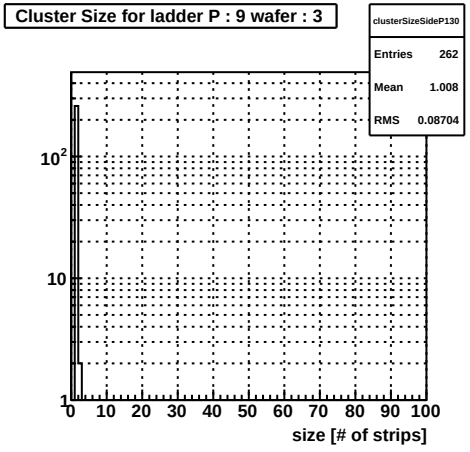

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 479
Mean 1.01
RMS 0.1016
size [# of strips]

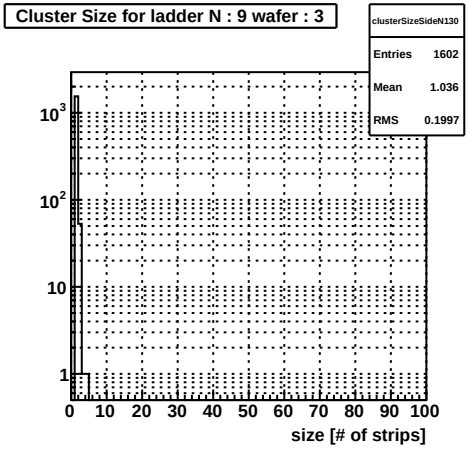

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 271
Mean 1.339
RMS 0.7654
size [# of strips]

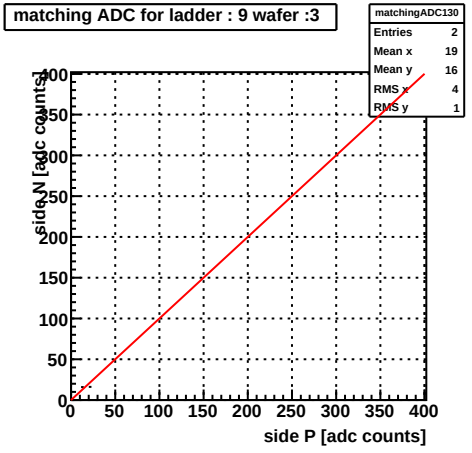

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

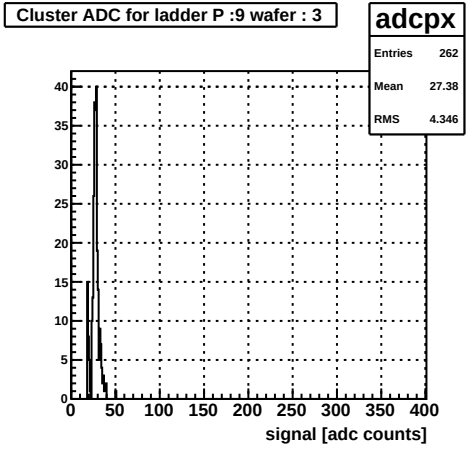

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 479
Mean 21.44
RMS 3.782
signal [adc counts]

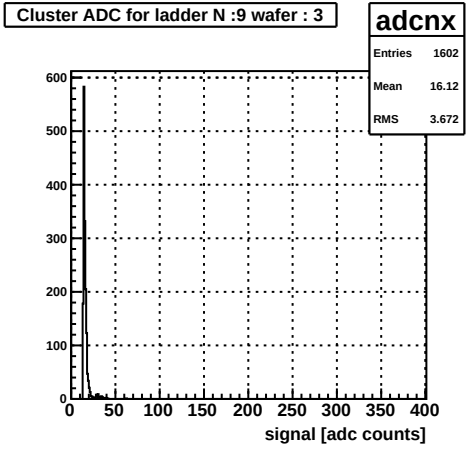

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 271
Mean 19.35
RMS 11.23
signal [adc counts]

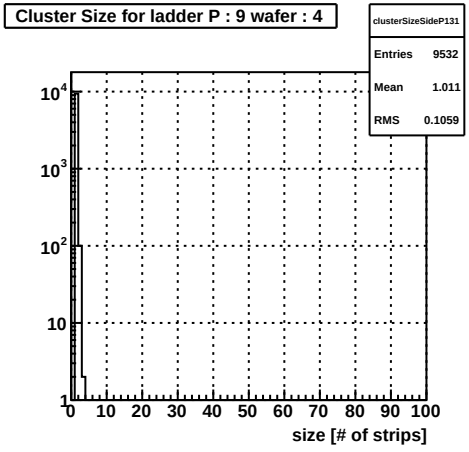

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 262
Mean 1.008
RMS 0.08704
size [# of strips]

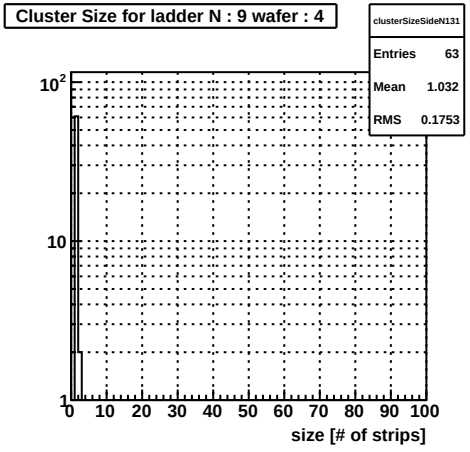

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 1602
Mean 1.036
RMS 0.1997
size [# of strips]

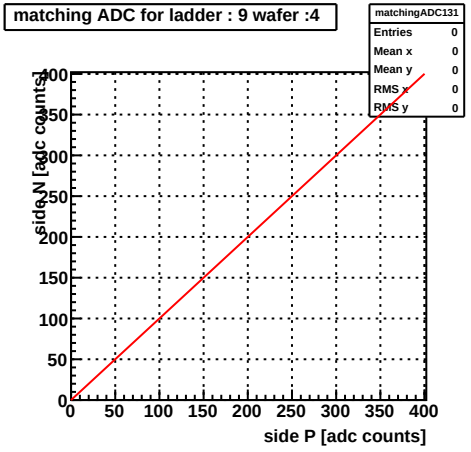

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 2
Mean x 19
Mean y 16
RMS x 4
RMS y 1
side N [adc counts]
side P [adc counts]

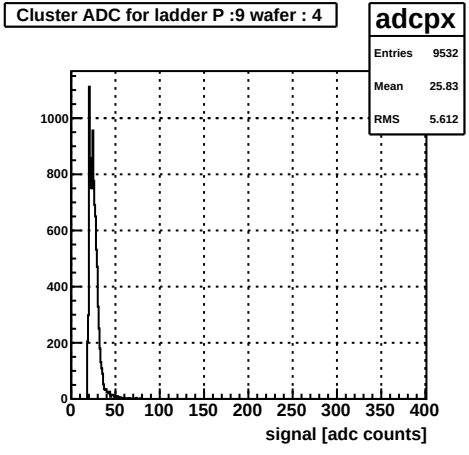

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 262
Mean 27.38
RMS 4.346
signal [adc counts]

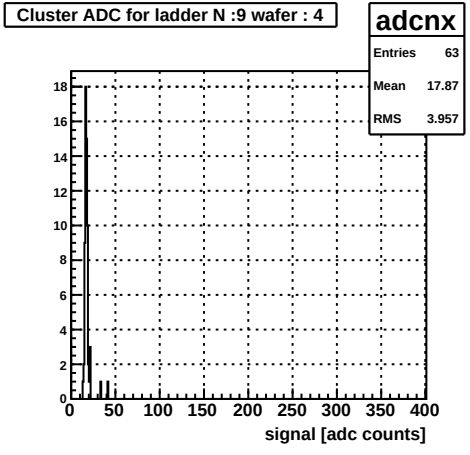

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 1602
Mean 16.12
RMS 3.672
signal [adc counts]

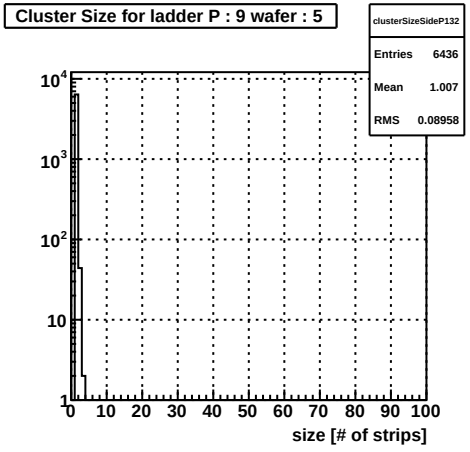

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9532
Mean 1.011
RMS 0.1059
size [# of strips]

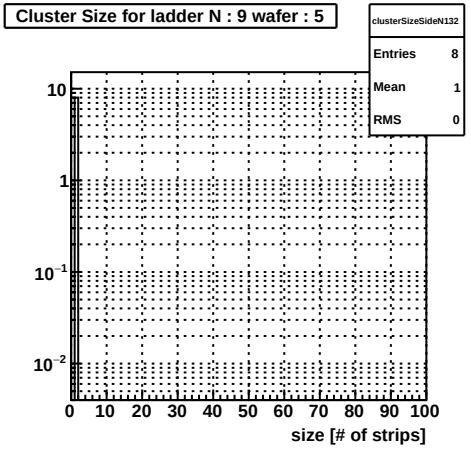

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 63
Mean 1.032
RMS 0.1753
size [# of strips]

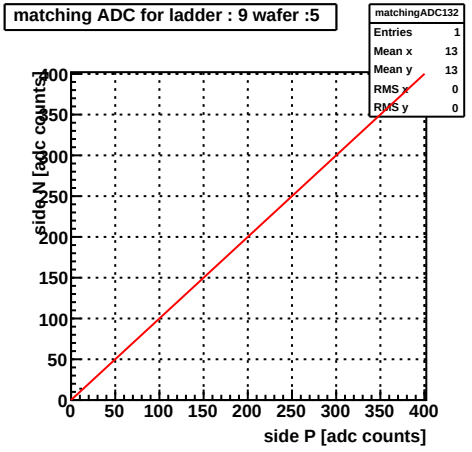

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

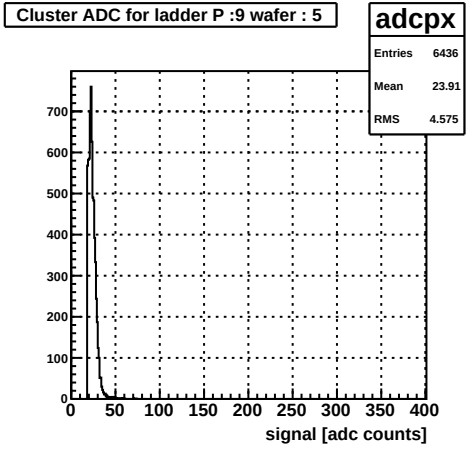

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9532
Mean 25.83
RMS 5.612
signal [adc counts]

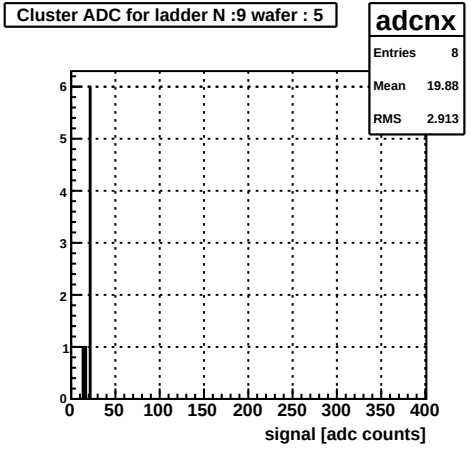

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 63
Mean 17.87
RMS 3.957
signal [adc counts]

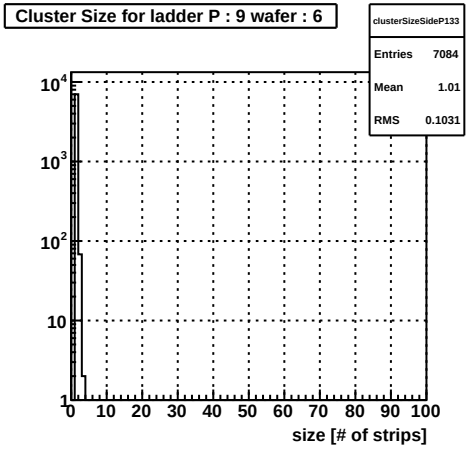

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 6436
Mean 1.007
RMS 0.08958
size [# of strips]

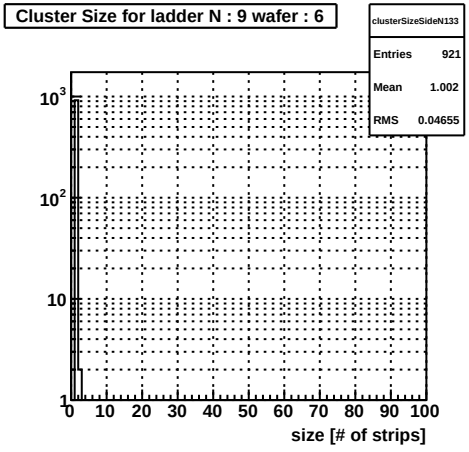

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 8
Mean 1
RMS 0
size [# of strips]

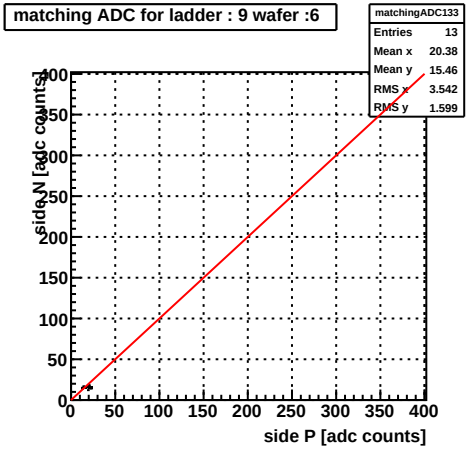

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1
Mean x 13
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

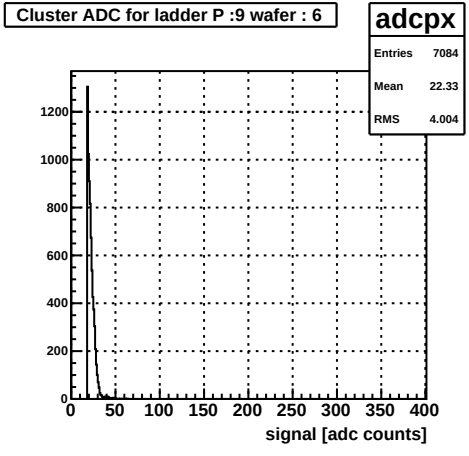

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 6436
Mean 23.91
RMS 4.575
signal [adc counts]

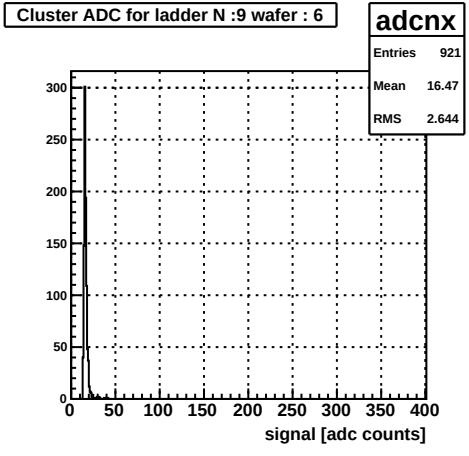

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 8
Mean 19.88
RMS 2.913
signal [adc counts]

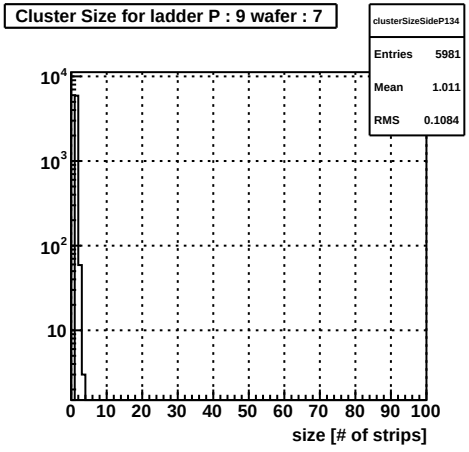

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 7084
Mean 1.01
RMS 0.1031
size [# of strips]

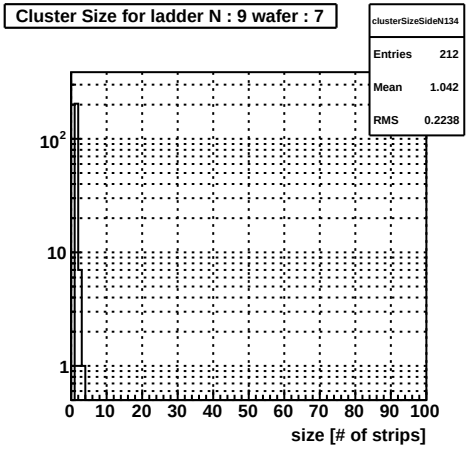

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 921
Mean 1.002
RMS 0.04655
size [# of strips]

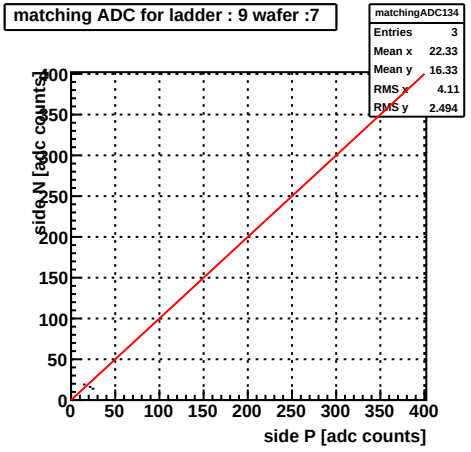

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 13
Mean x 20.38
Mean y 15.46
RMS x 3.542
RMS y 1.599
side N [adc counts]
side P [adc counts]

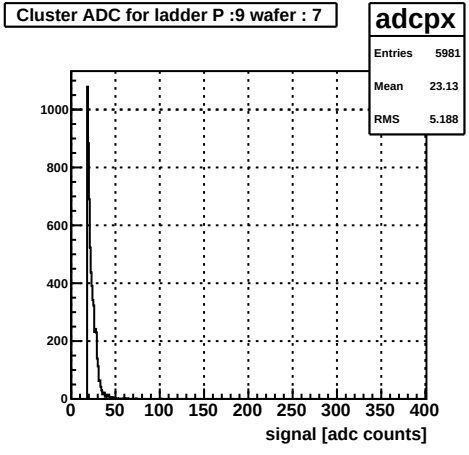

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 7084
Mean 22.33
RMS 4.004
signal [adc counts]

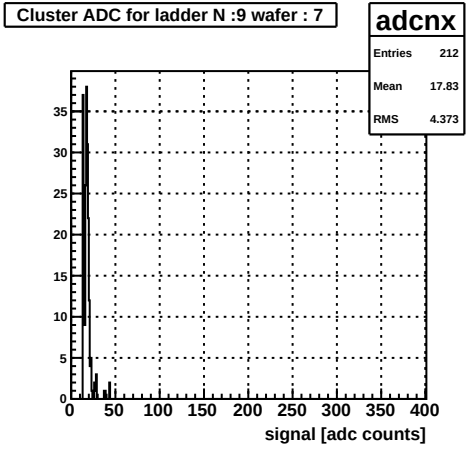

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 921
Mean 16.47
RMS 2.644
signal [adc counts]

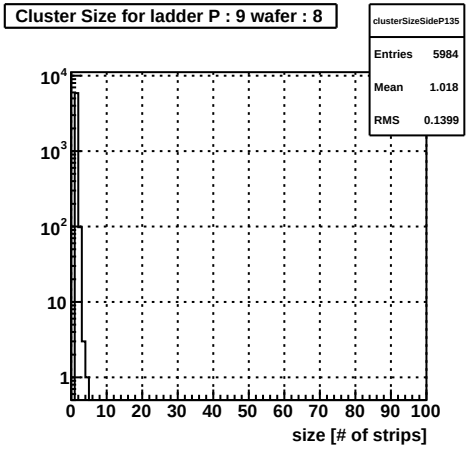

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 5981
Mean 1.011
RMS 0.1084
size [# of strips]

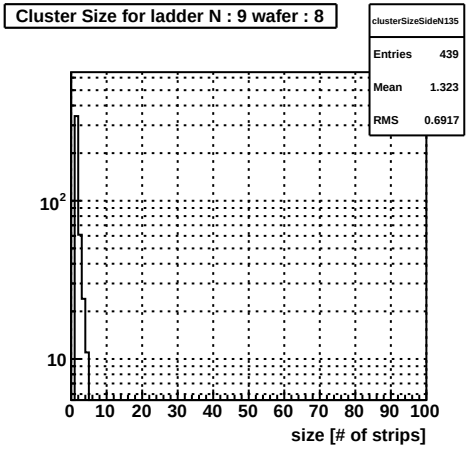

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 212
Mean 1.042
RMS 0.2238
size [# of strips]

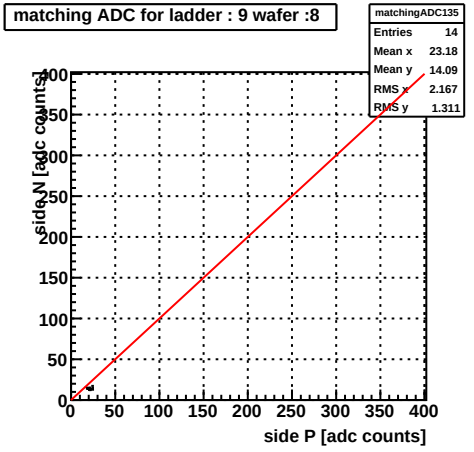

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 3
Mean x 22.33
Mean y 16.33
RMS x 4.11
RMS y 2.494
side N [adc counts]
side P [adc counts]

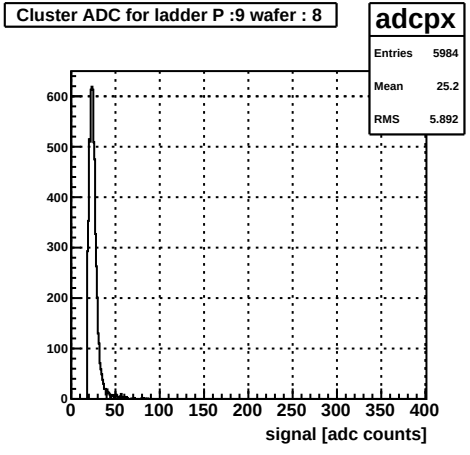

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 5981
Mean 23.13
RMS 5.188
signal [adc counts]

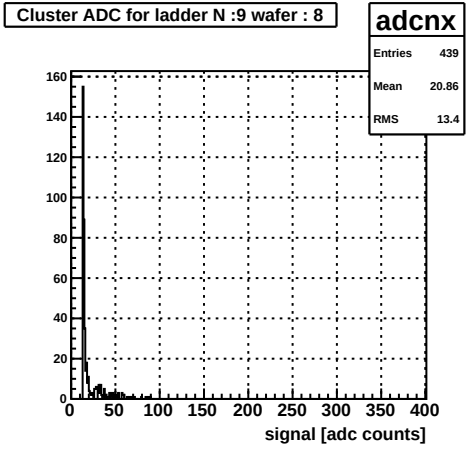

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 212
Mean 17.83
RMS 4.373
signal [adc counts]

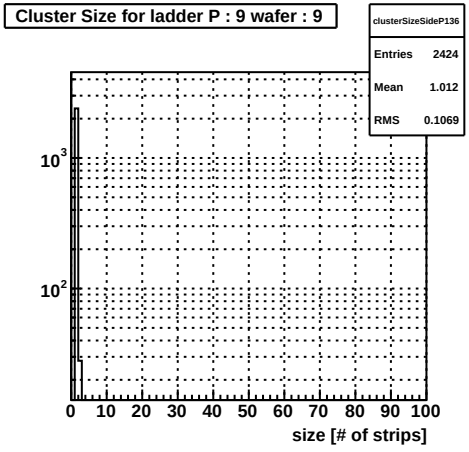

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 5984
Mean 1.018
RMS 0.1399
size [# of strips]

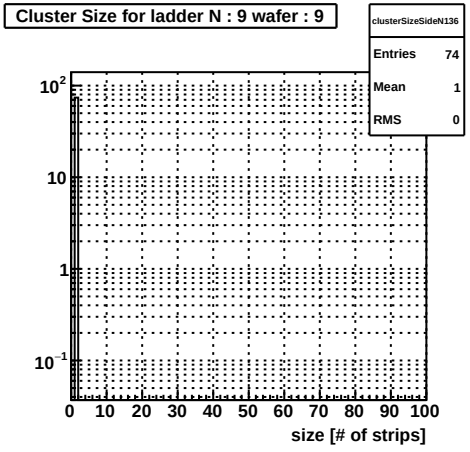

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 439
Mean 1.323
RMS 0.6917
size [# of strips]

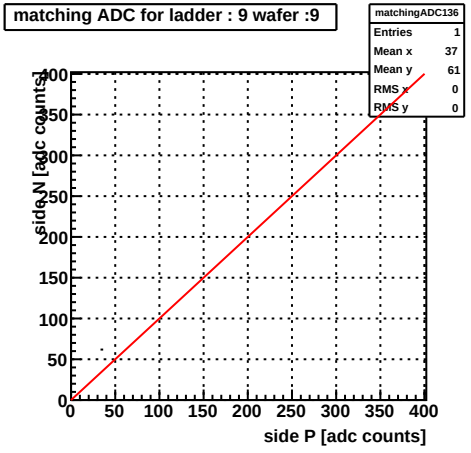

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 14
Mean x 23.18
Mean y 14.09
RMS x 2.167
RMS y 1.311
side N [adc counts]
side P [adc counts]

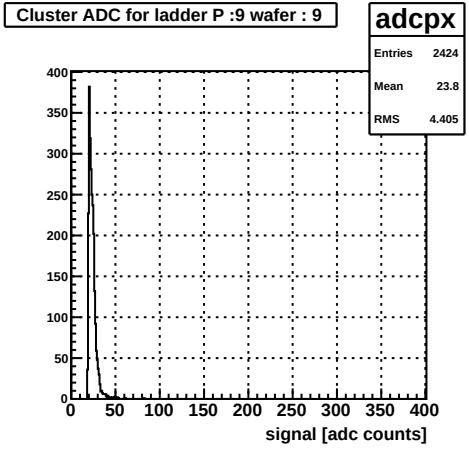

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 5984
Mean 25.2
RMS 5.892
signal [adc counts]

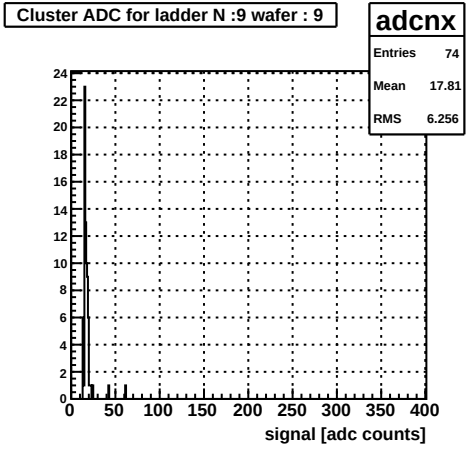

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 439
Mean 20.86
RMS 13.4
signal [adc counts]

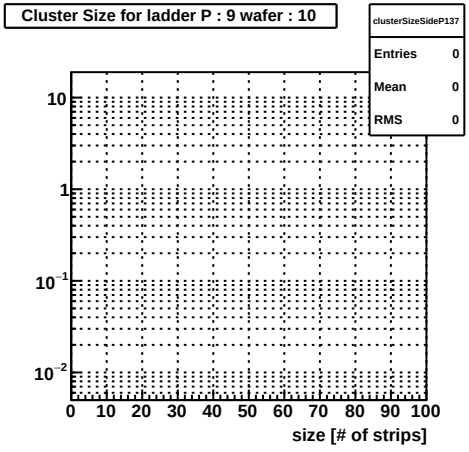

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2424
Mean 1.012
RMS 0.1069
size [# of strips]

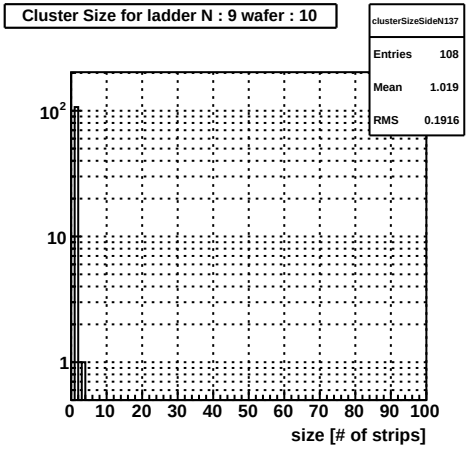

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 74
Mean 1
RMS 0
size [# of strips]

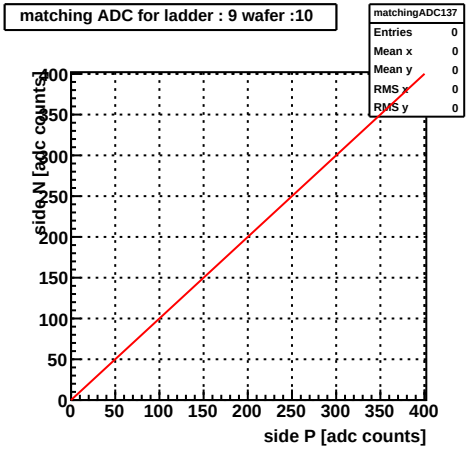

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1
Mean x 37
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

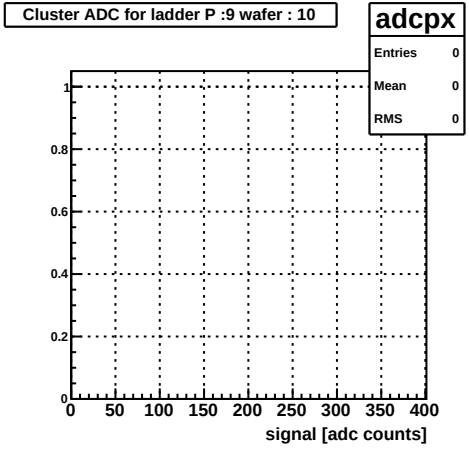

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2424
Mean 23.8
RMS 4.405
signal [adc counts]

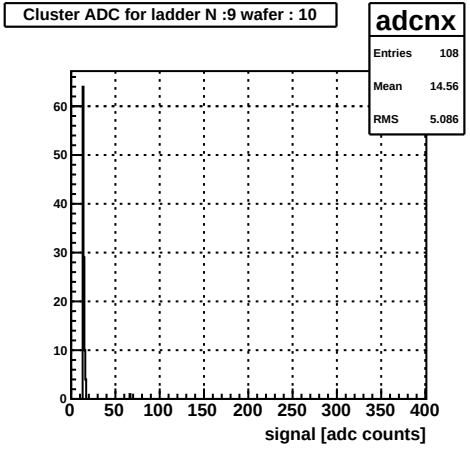

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 74
Mean 17.81
RMS 6.256
signal [adc counts]

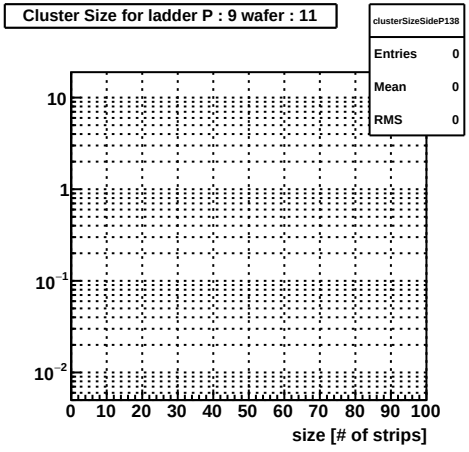

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

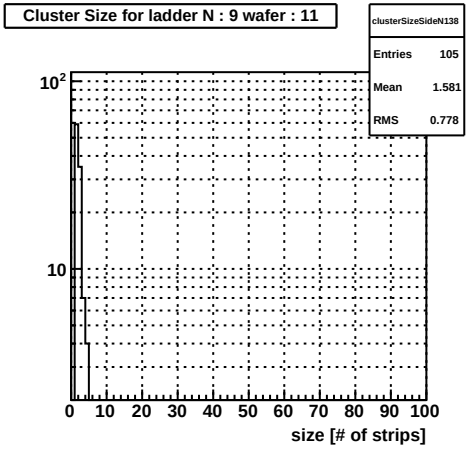

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 108
Mean 1.019
RMS 0.1916
size [# of strips]

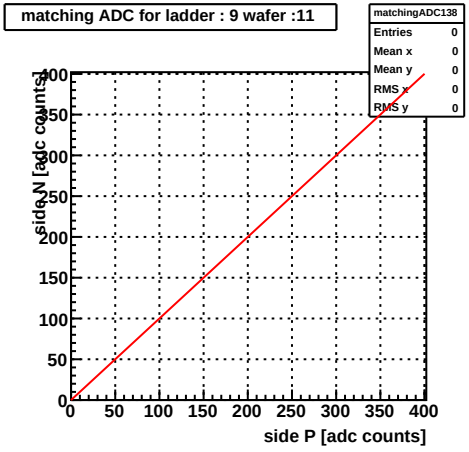

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

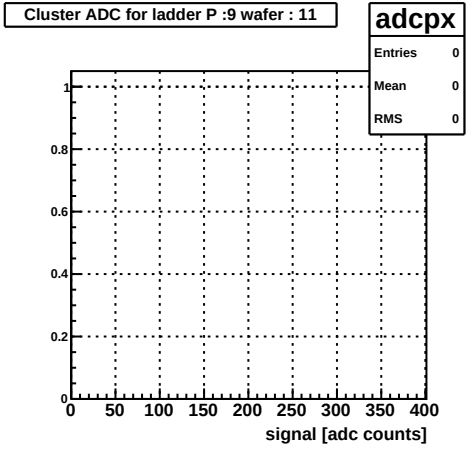

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

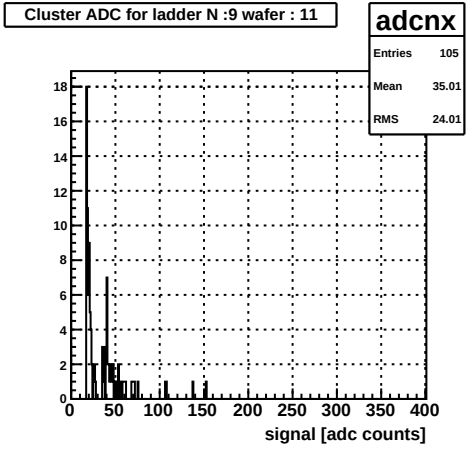

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 108
Mean 14.56
RMS 5.086
signal [adc counts]

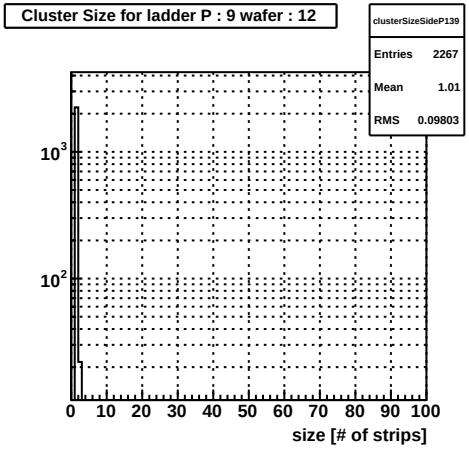

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

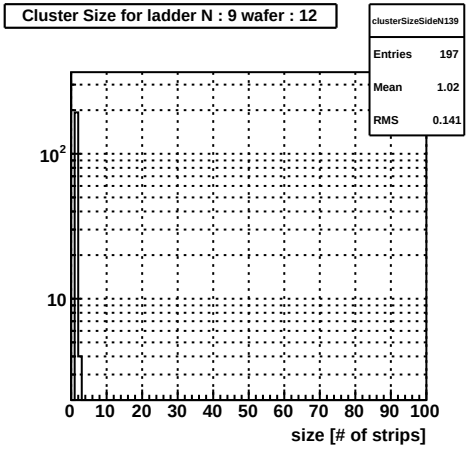

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 105
Mean 1.581
RMS 0.778
size [# of strips]

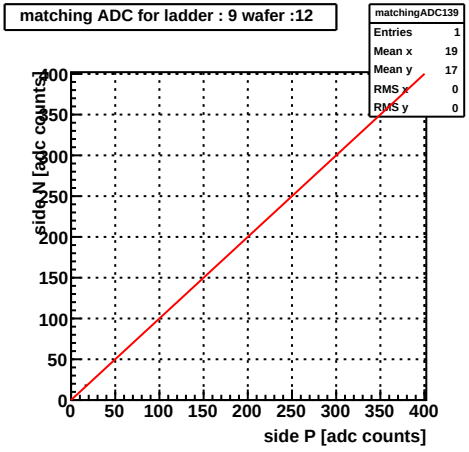

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

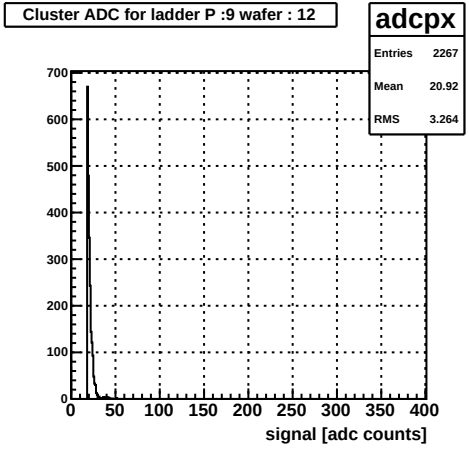

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

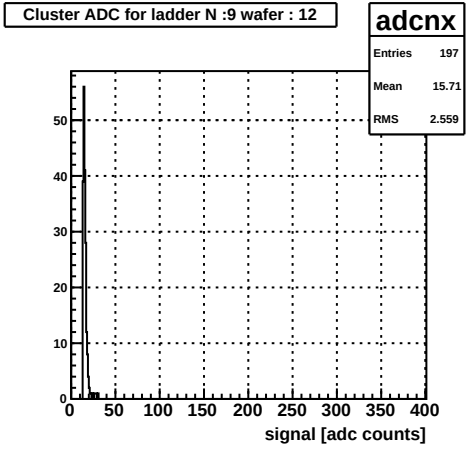

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 105
Mean 35.01
RMS 24.01
signal [adc counts]

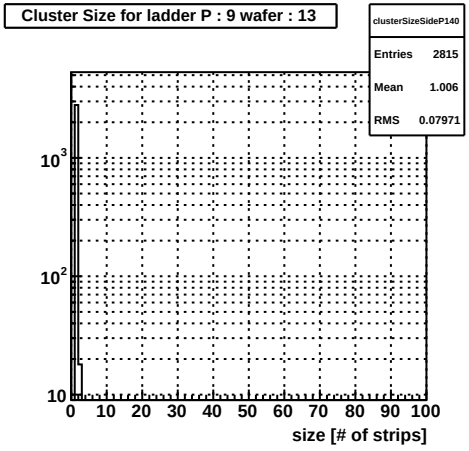

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2267
Mean 1.01
RMS 0.09803
size [# of strips]

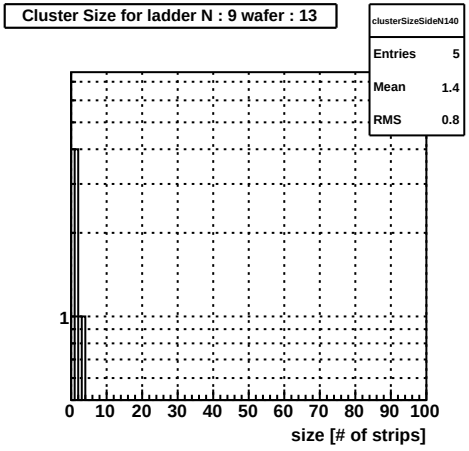

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 197
Mean 1.02
RMS 0.141
size [# of strips]

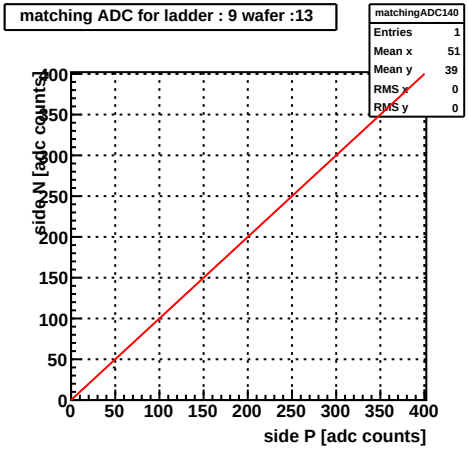

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

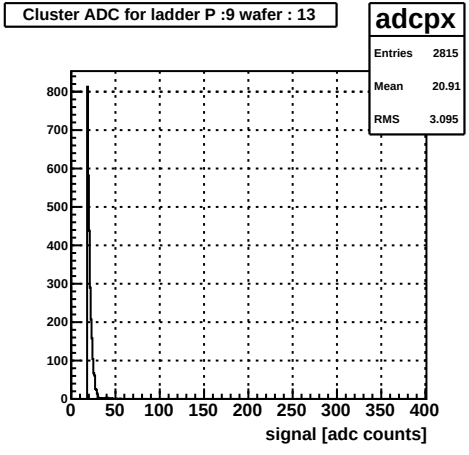

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2267
Mean 20.92
RMS 3.264
signal [adc counts]

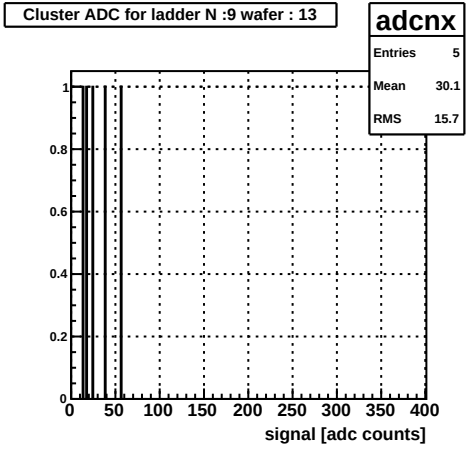

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 197
Mean 15.71
RMS 2.559
signal [adc counts]

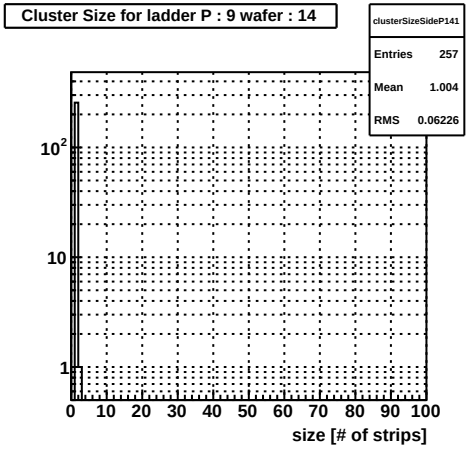

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 2815
Mean 1.006
RMS 0.07971
size [# of strips]

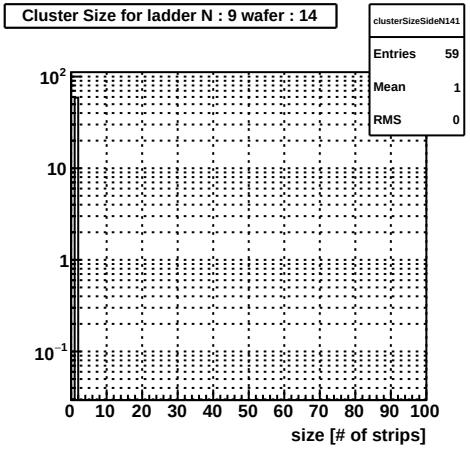

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

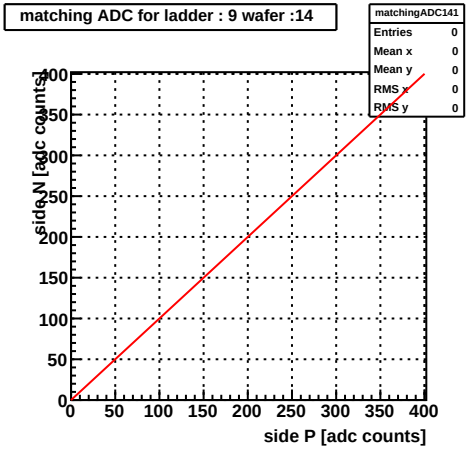

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1
Mean x 51
Mean y 39
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

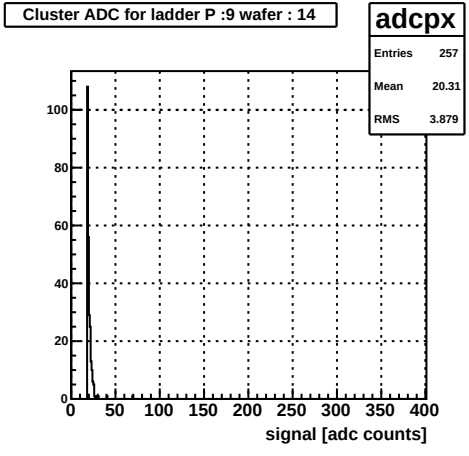

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 2815
Mean 20.91
RMS 3.095
signal [adc counts]

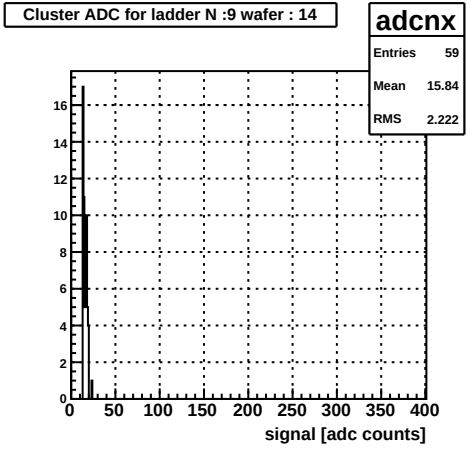

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 5
Mean 30.1
RMS 15.7
signal [adc counts]

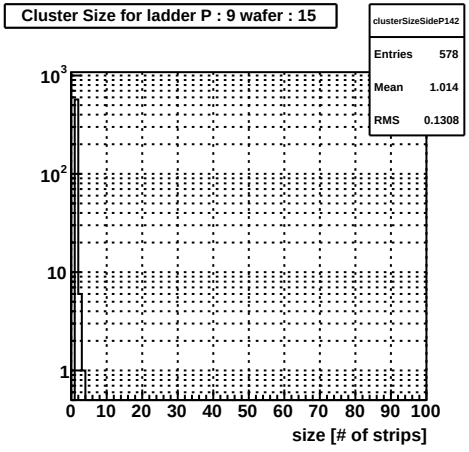

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 257
Mean 1.004
RMS 0.06226
size [# of strips]

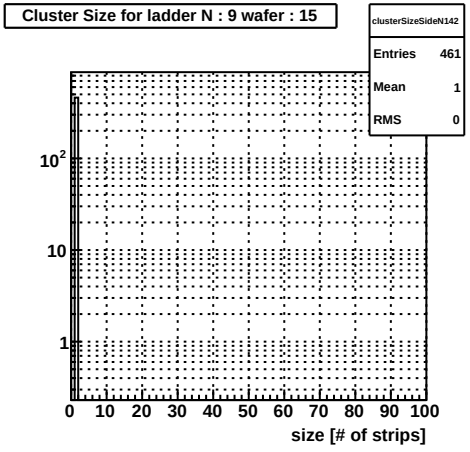

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 59
Mean 1
RMS 0
size [# of strips]

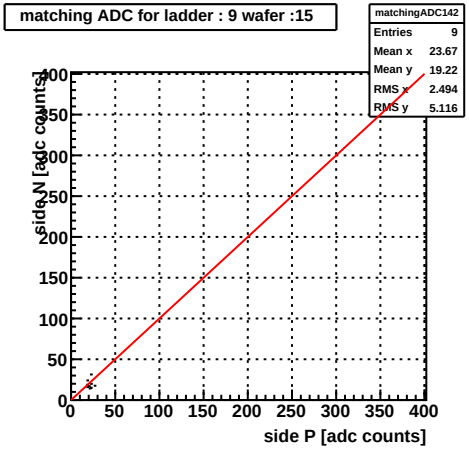

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

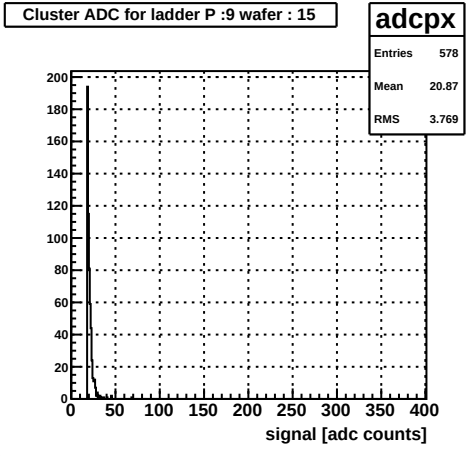

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 257
Mean 20.31
RMS 3.879
signal [adc counts]

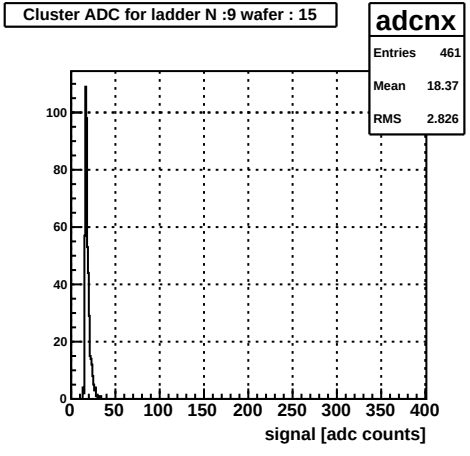

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 59
Mean 15.84
RMS 2.222
signal [adc counts]

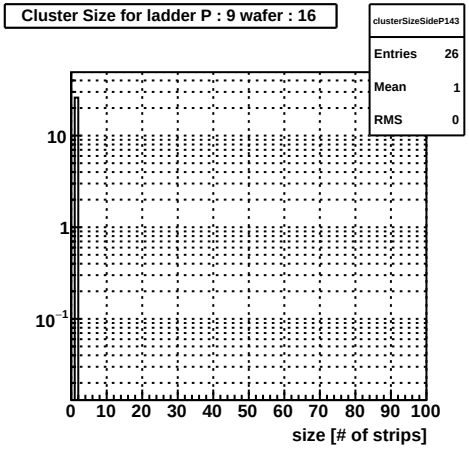

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 578
Mean 1.014
RMS 0.1308
size [# of strips]

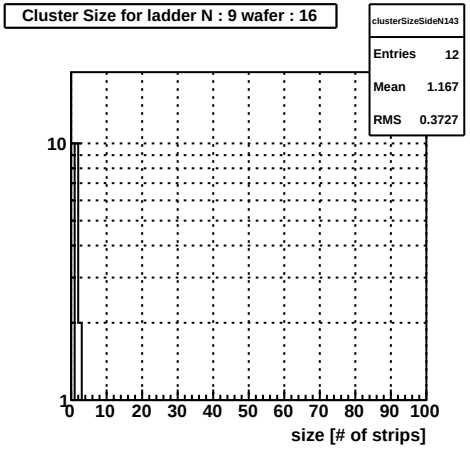

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 461
Mean 1
RMS 0
size [# of strips]

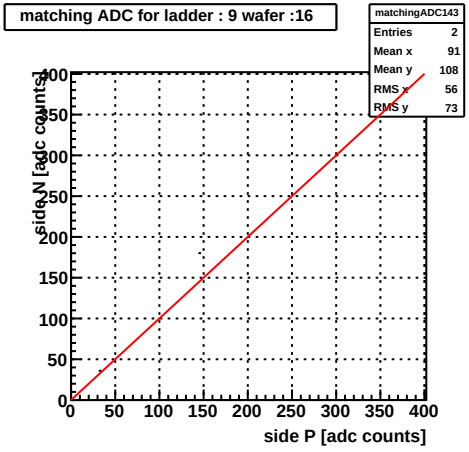

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 9
Mean x 23.67
Mean y 19.22
RMS x 2.494
RMS y 5.116
side N [adc counts]
side P [adc counts]

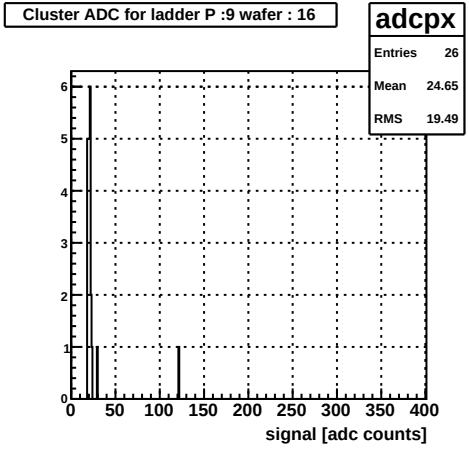

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 578
Mean 20.87
RMS 3.769
signal [adc counts]

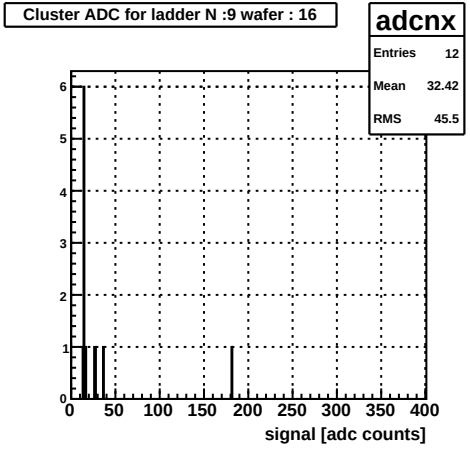

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 461
Mean 18.37
RMS 2.826
signal [adc counts]

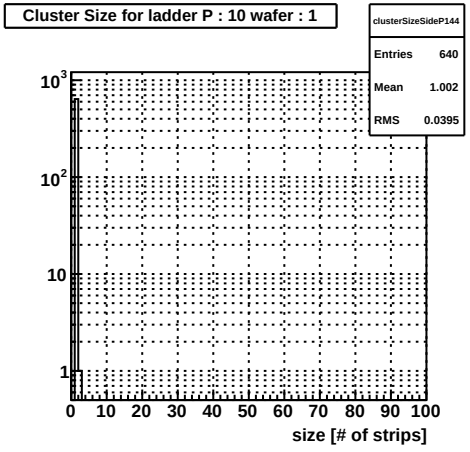

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 26
Mean 1
RMS 0
size [# of strips]

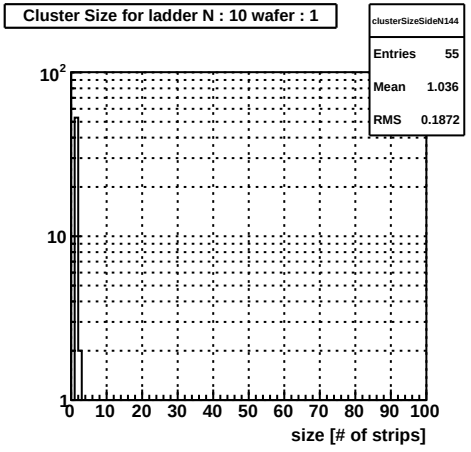

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

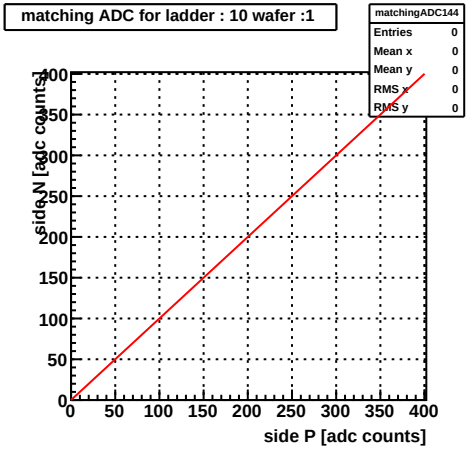

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2
Mean x 91
Mean y 108
RMS x 56
RMS y 73
side N [adc counts]
side P [adc counts]

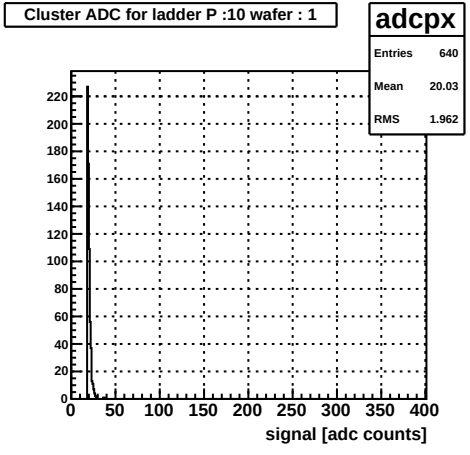

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 26
Mean 24.65
RMS 19.49
signal [adc counts]

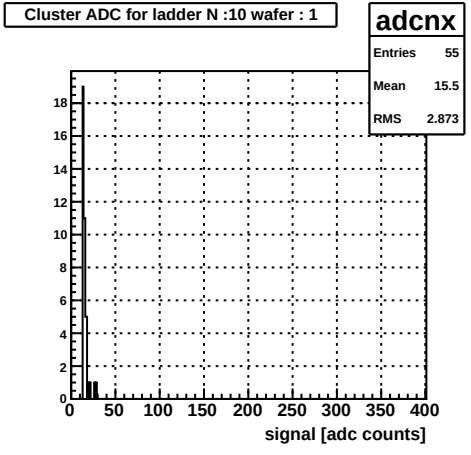

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 12
Mean 32.42
RMS 45.5
signal [adc counts]

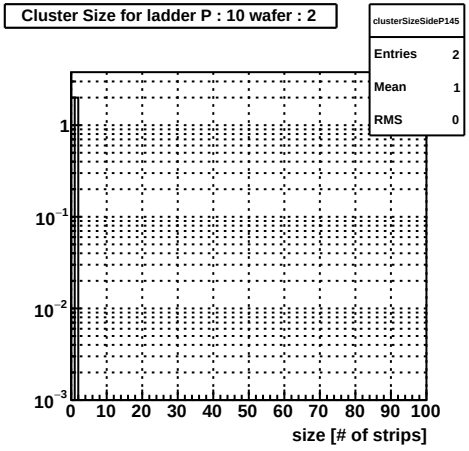

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 640
Mean 1.002
RMS 0.0395
size [# of strips]

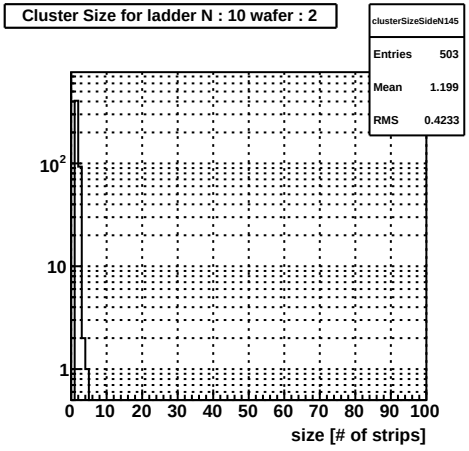

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 55
Mean 1.036
RMS 0.1872
size [# of strips]

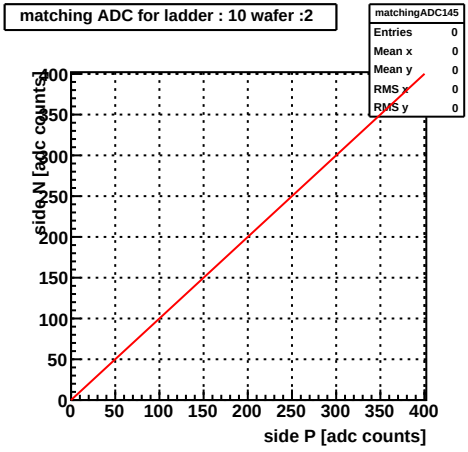

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

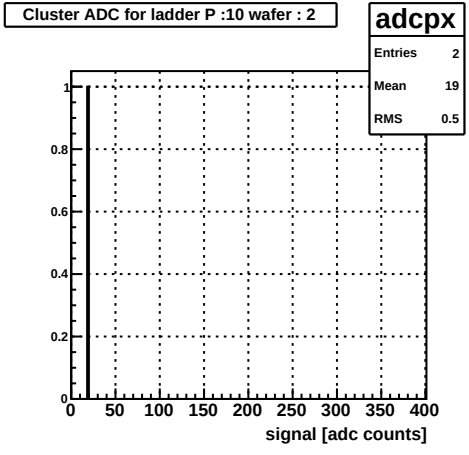

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 640
Mean 20.03
RMS 1.962
signal [adc counts]

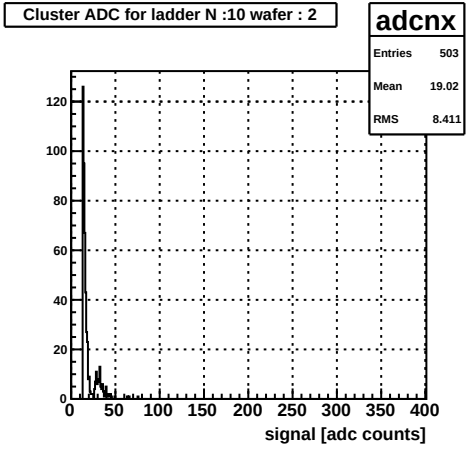

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 55
Mean 15.5
RMS 2.873
signal [adc counts]

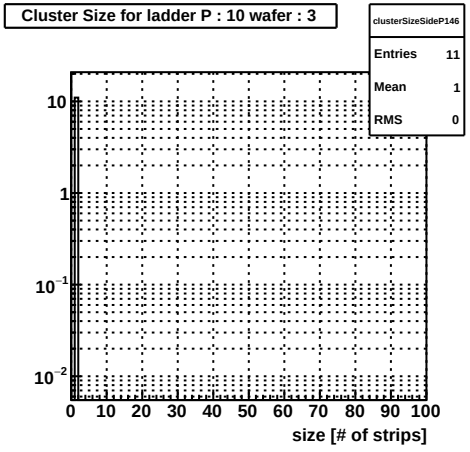

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 2
Mean 1
RMS 0
size [# of strips]

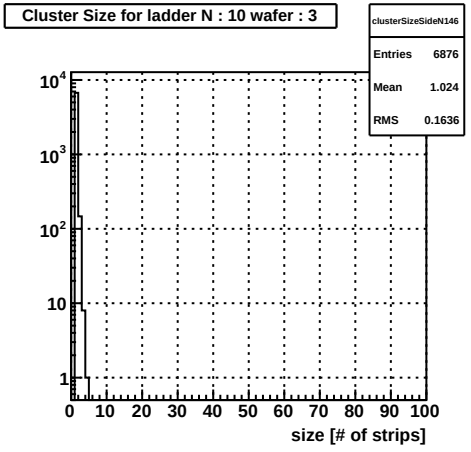

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 503
Mean 1.199
RMS 0.4233
size [# of strips]

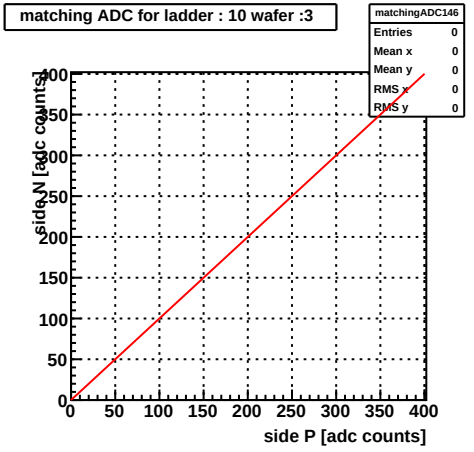

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

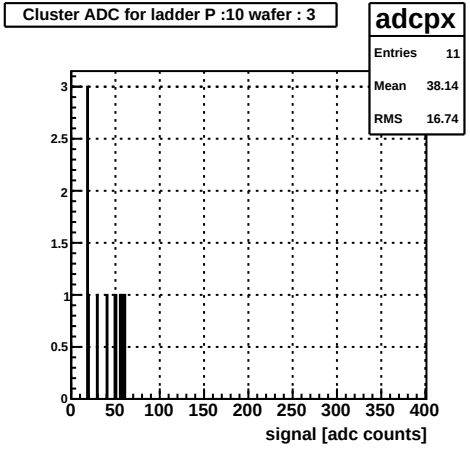

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 2
Mean 19
RMS 0.5
signal [adc counts]

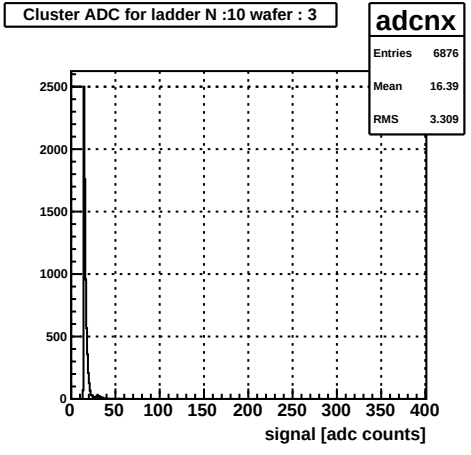

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 503
Mean 19.02
RMS 8.411
signal [adc counts]

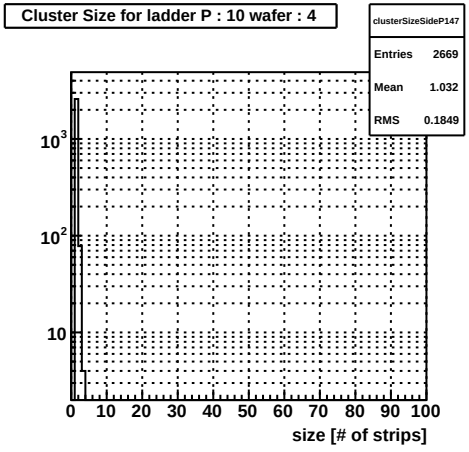

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 11
Mean 1
RMS 0
size [# of strips]

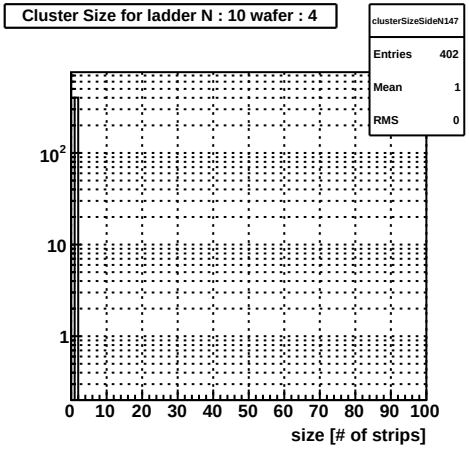

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 6876
Mean 1.024
RMS 0.1636
size [# of strips]

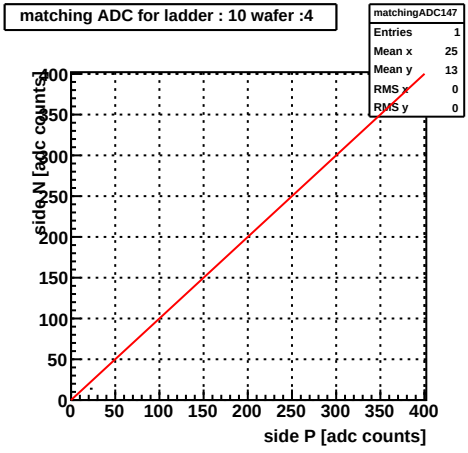

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

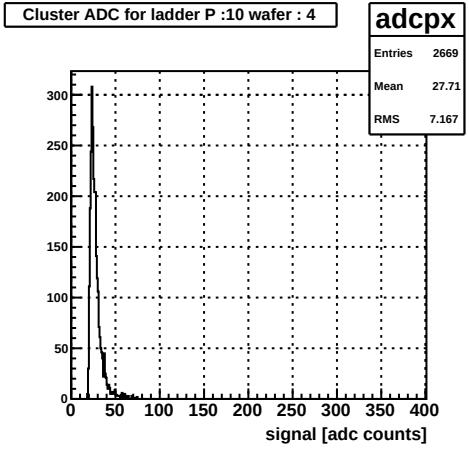

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 11
Mean 38.14
RMS 16.74
signal [adc counts]

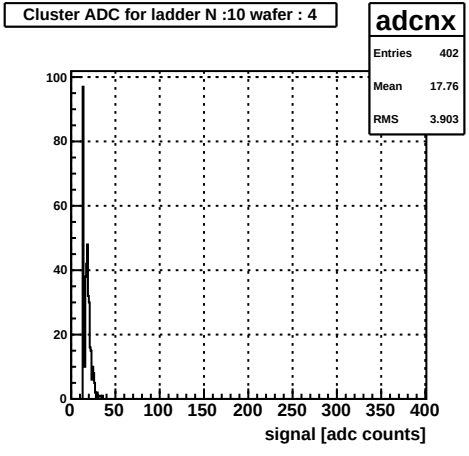

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 6876
Mean 16.39
RMS 3.309
signal [adc counts]

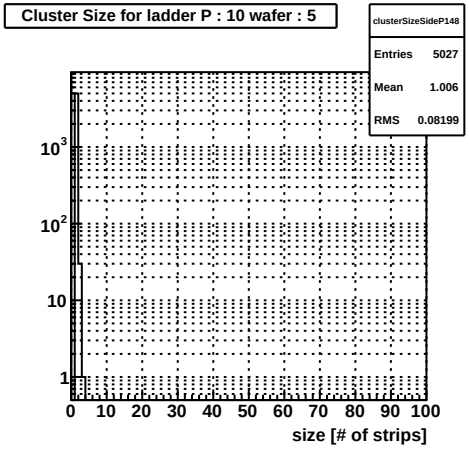

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 2669
Mean 1.032
RMS 0.1849
size [# of strips]

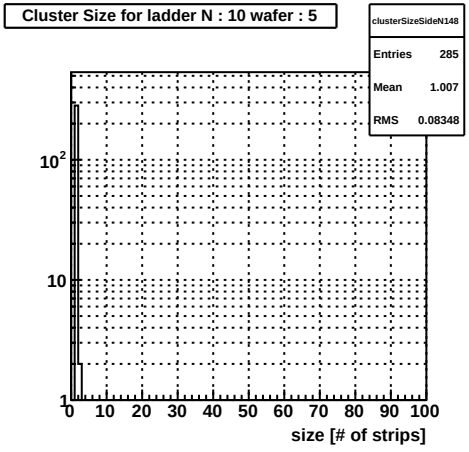

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 402
Mean 1
RMS 0
size [# of strips]

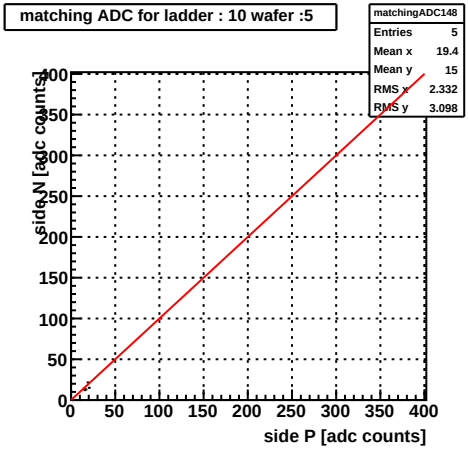

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 1
Mean x 25
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

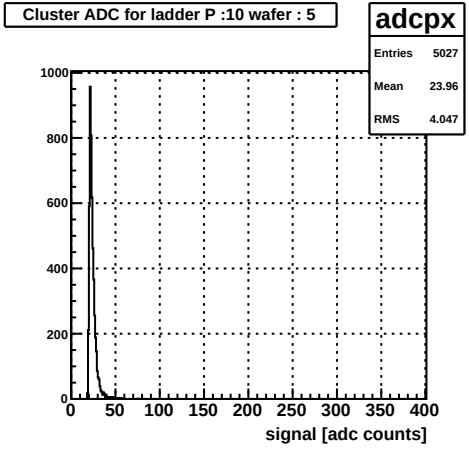

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 2669
Mean 27.71
RMS 7.167
signal [adc counts]

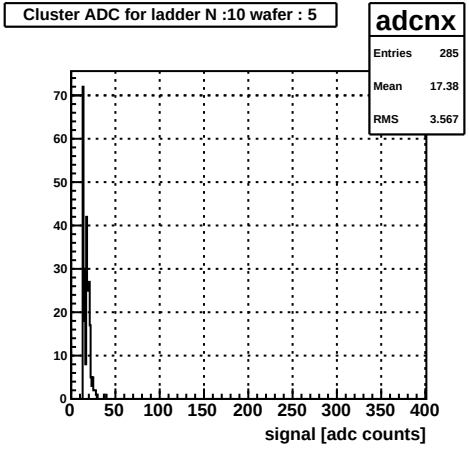

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 402
Mean 17.76
RMS 3.903
signal [adc counts]

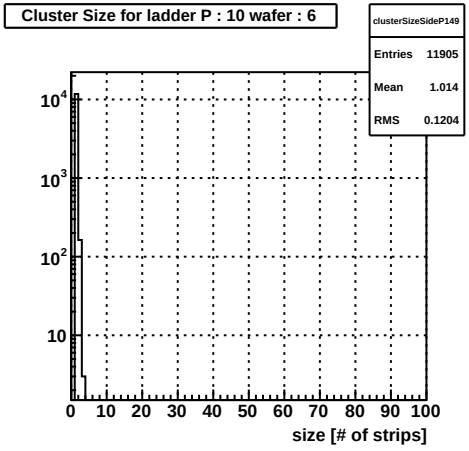

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 5027
Mean 1.006
RMS 0.08199
size [# of strips]

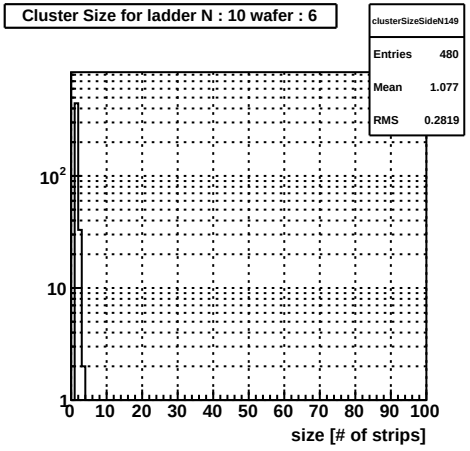

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 285
Mean 1.007
RMS 0.08348
size [# of strips]

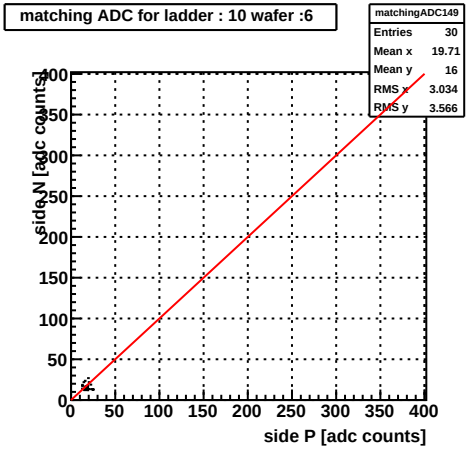

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 5
Mean x 19.4
Mean y 15
RMS x 2.332
RMS y 3.098
side N [adc counts]
side P [adc counts]

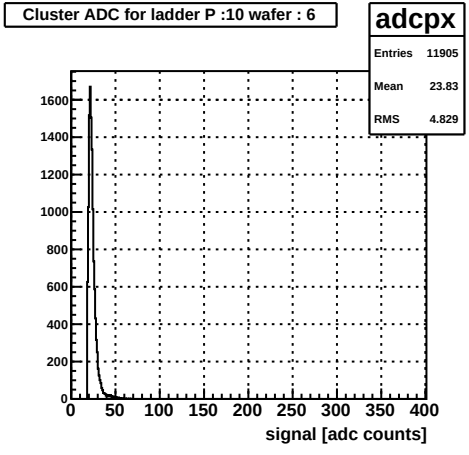

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 5027
Mean 23.96
RMS 4.047
signal [adc counts]

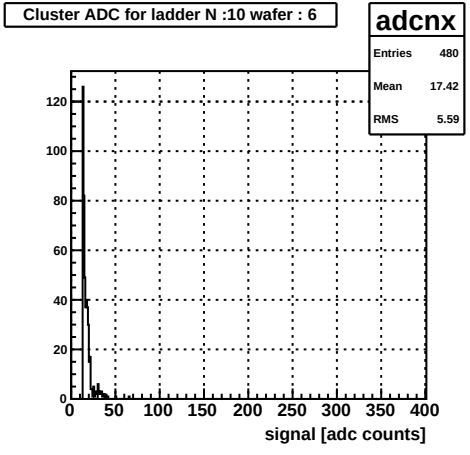

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 285
Mean 17.38
RMS 3.567
signal [adc counts]

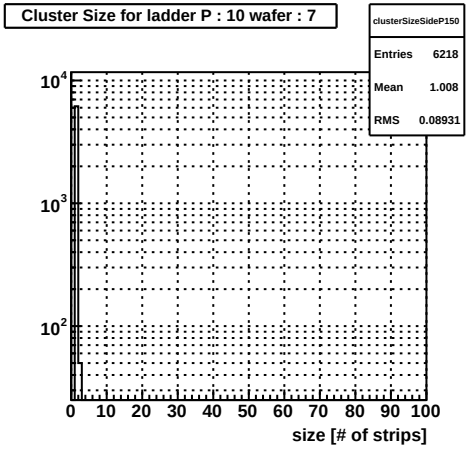

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 11905
Mean 1.014
RMS 0.1204
size [# of strips]

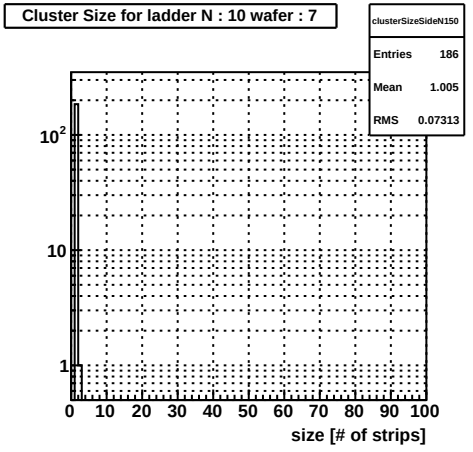

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 480
Mean 1.077
RMS 0.2819
size [# of strips]

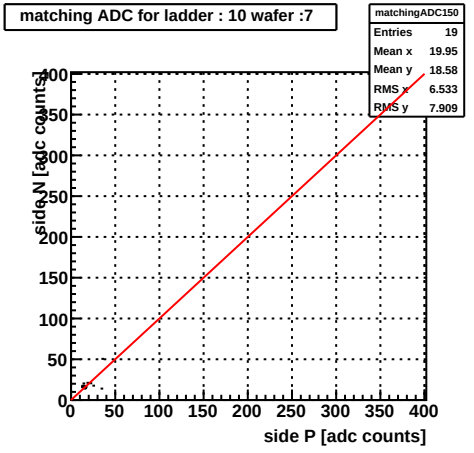

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 30
Mean x 19.71
Mean y 16
RMS x 3.034
RMS y 3.566
side N [adc counts]
side P [adc counts]

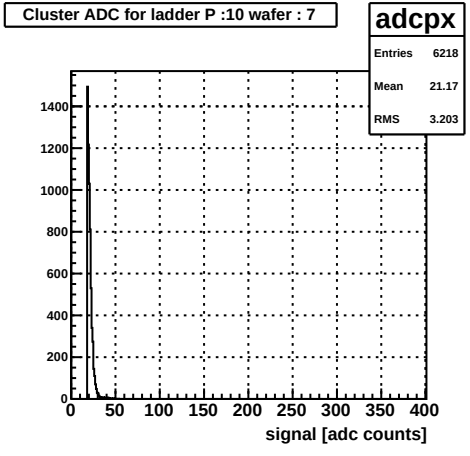

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 11905
Mean 23.83
RMS 4.829
signal [adc counts]

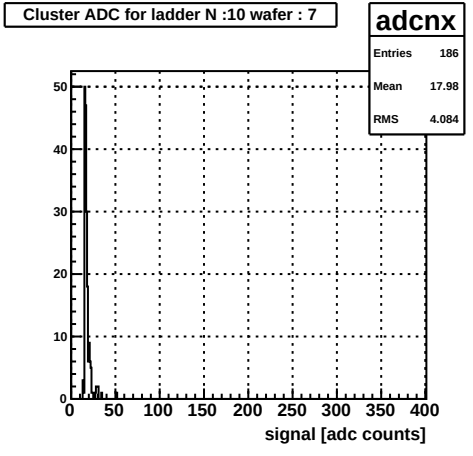

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 480
Mean 17.42
RMS 5.59
signal [adc counts]

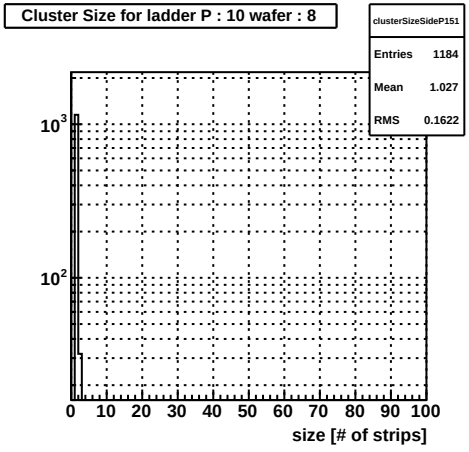

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6218
Mean 1.008
RMS 0.08931
size [# of strips]

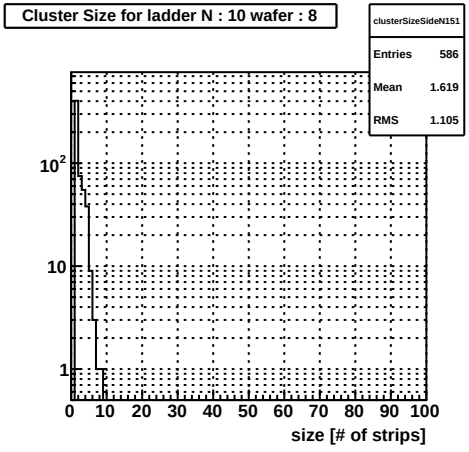

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 186
Mean 1.005
RMS 0.07313
size [# of strips]

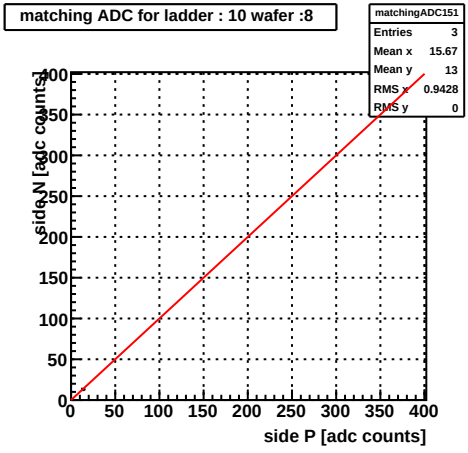

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 19
Mean x 19.95
Mean y 18.58
RMS x 6.533
RMS y 7.909
side N [adc counts]
side P [adc counts]

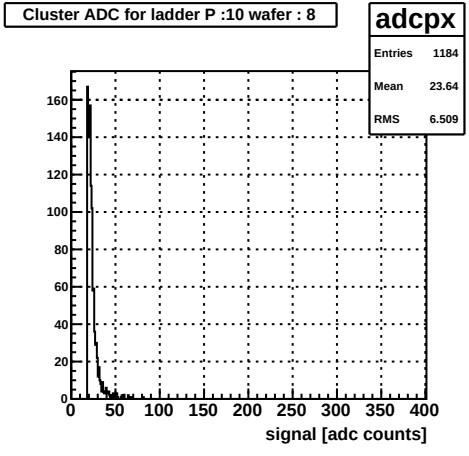

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6218
Mean 21.17
RMS 3.203
signal [adc counts]

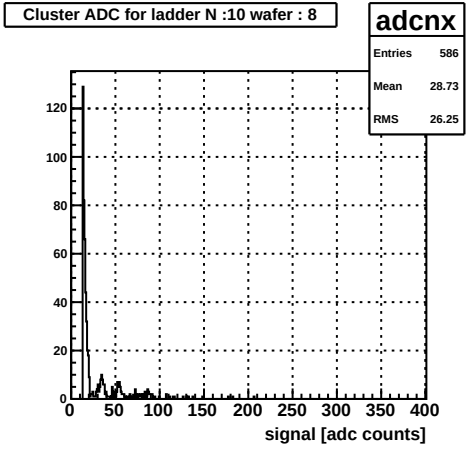

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 186
Mean 17.98
RMS 4.084
signal [adc counts]

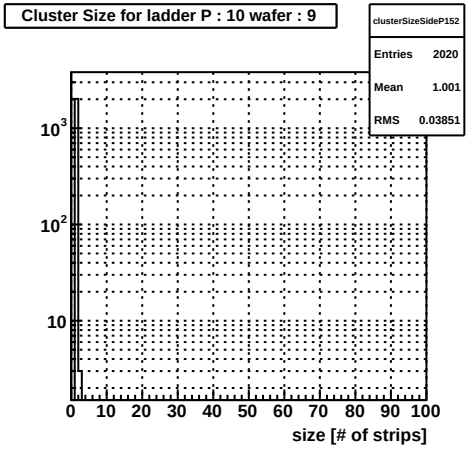

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1184
Mean 1.027
RMS 0.1622
size [# of strips]

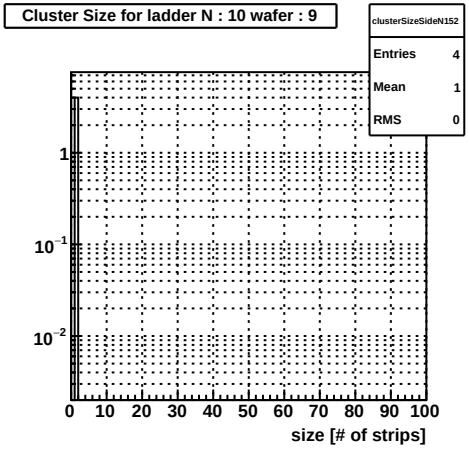

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 586
Mean 1.619
RMS 1.105
size [# of strips]

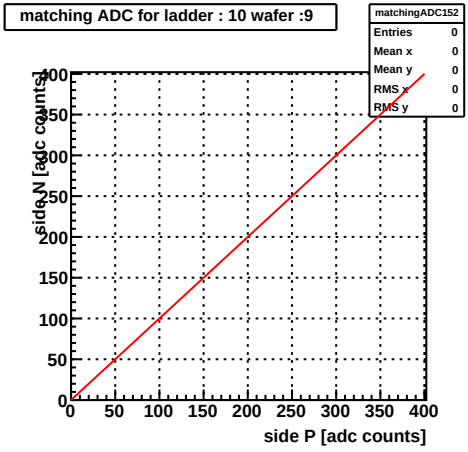

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 3
Mean x 15.67
Mean y 13
RMS x 0.9428
RMS y 0
side N [adc counts]
side P [adc counts]

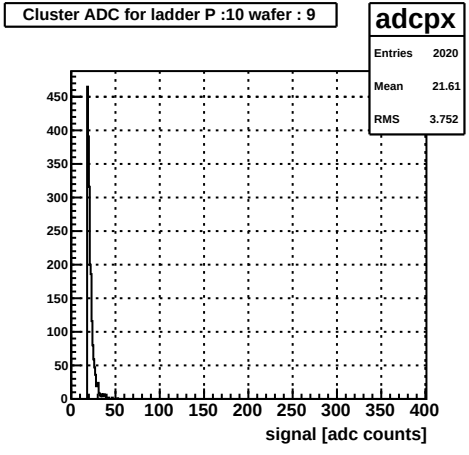

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1184
Mean 23.64
RMS 6.509
signal [adc counts]

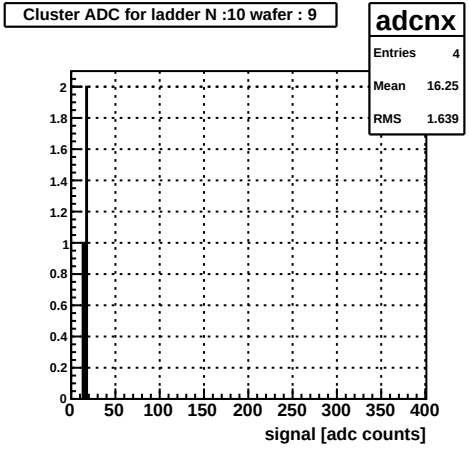

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 586
Mean 28.73
RMS 26.25
signal [adc counts]

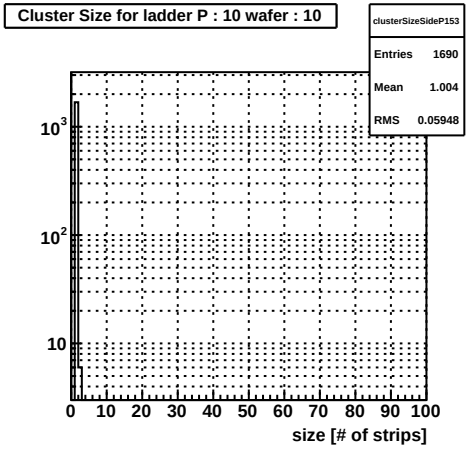

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2020
Mean 1.001
RMS 0.03851
size [# of strips]

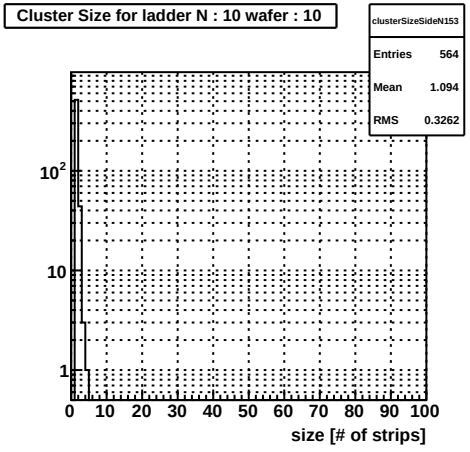

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 4
Mean 1
RMS 0
size [# of strips]

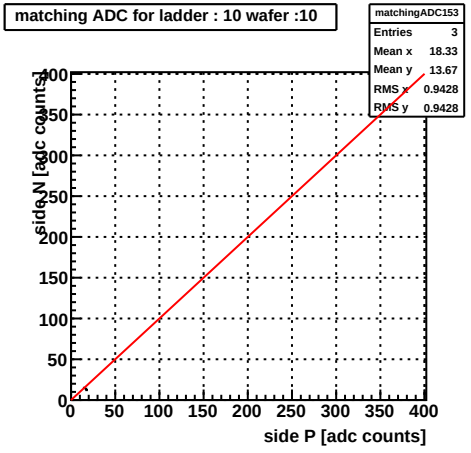

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

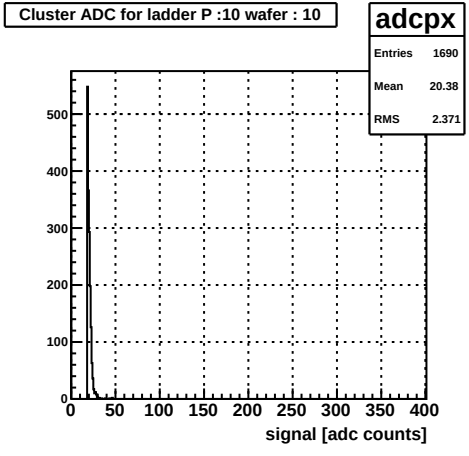

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2020
Mean 21.61
RMS 3.752
signal [adc counts]

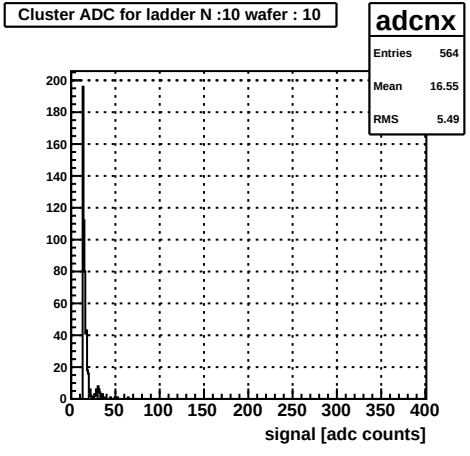

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 4
Mean 16.25
RMS 1.639
signal [adc counts]

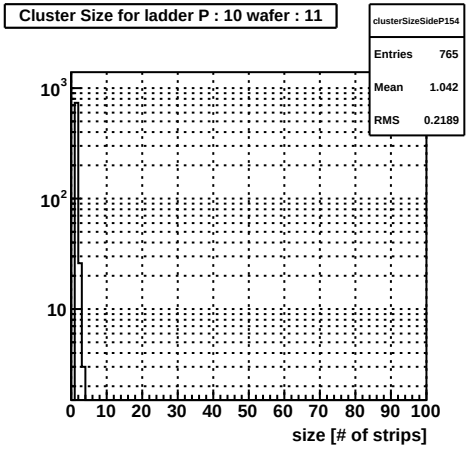

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 1690
Mean 1.004
RMS 0.05948
size [# of strips]

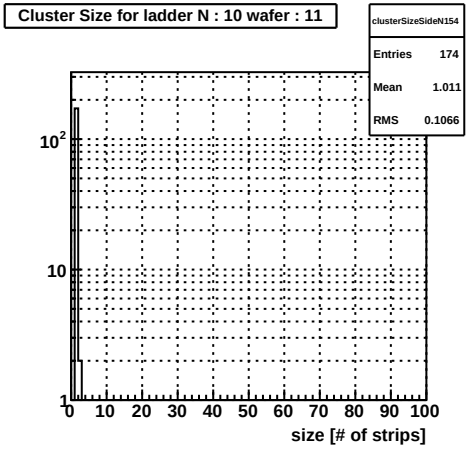

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 564
Mean 1.094
RMS 0.3262
size [# of strips]

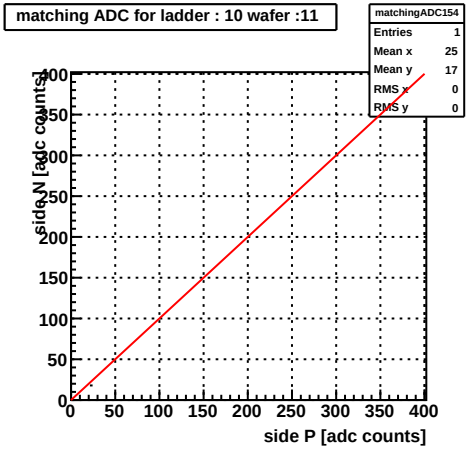

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 3
Mean x 18.33
Mean y 13.67
RMS x 0.9428
RMS y 0.9428
side N [adc counts]
side P [adc counts]

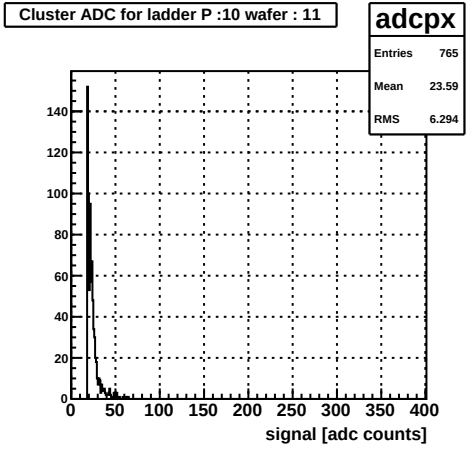

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 1690
Mean 20.38
RMS 2.371
signal [adc counts]

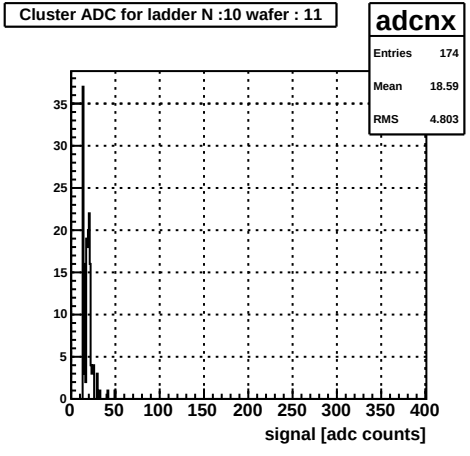

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 564
Mean 16.55
RMS 5.49
signal [adc counts]

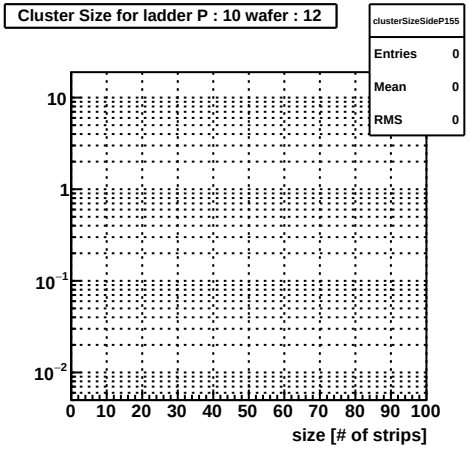

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 765
Mean 1.042
RMS 0.2189
size [# of strips]

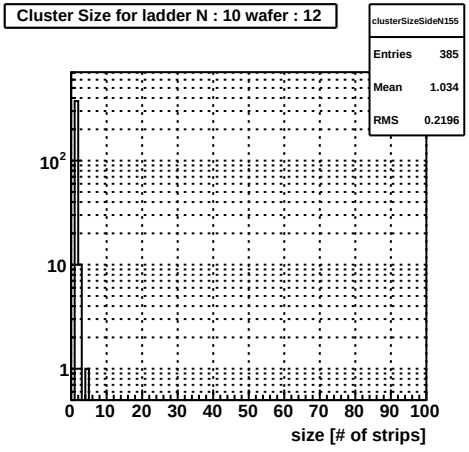

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 174
Mean 1.011
RMS 0.1066
size [# of strips]

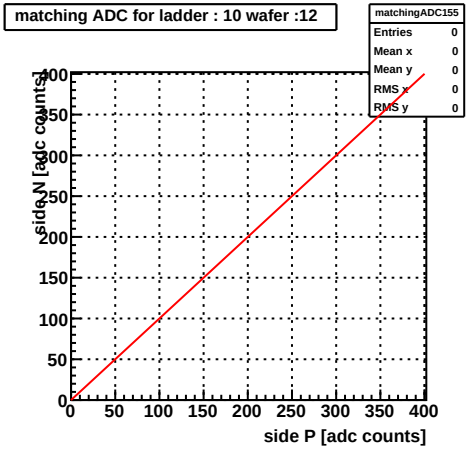

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

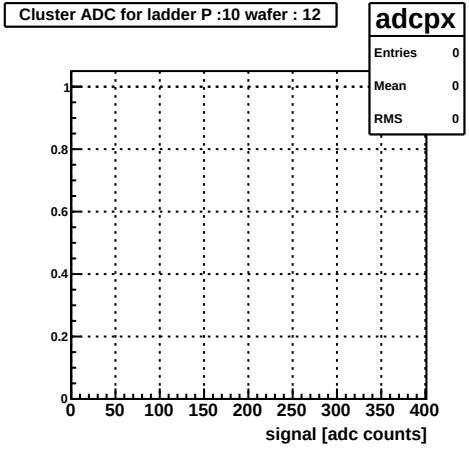

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 765
Mean 23.59
RMS 6.294
signal [adc counts]

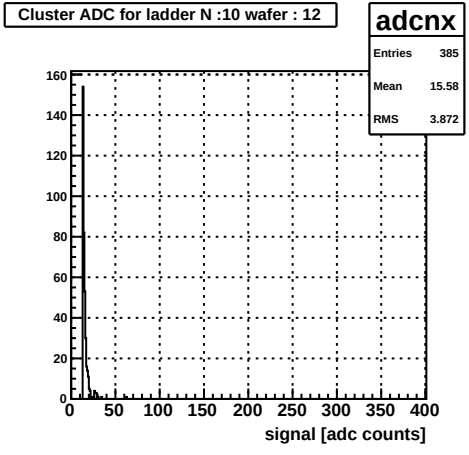

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 174
Mean 18.59
RMS 4.803
signal [adc counts]

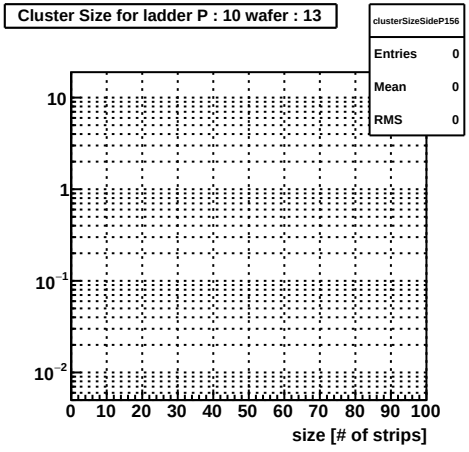

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

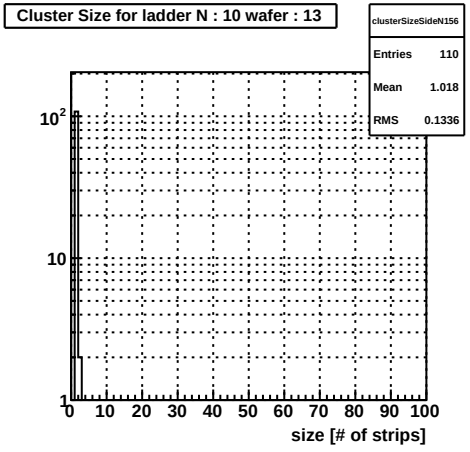

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 385
Mean 1.034
RMS 0.2196
size [# of strips]

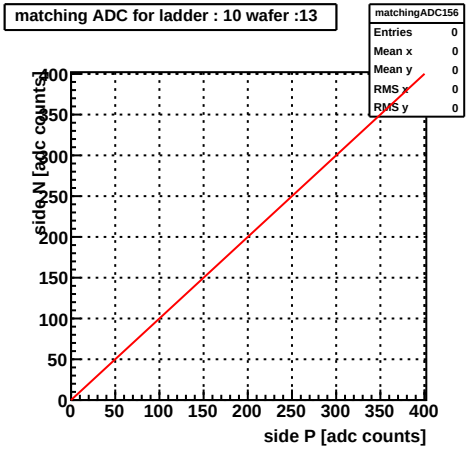

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

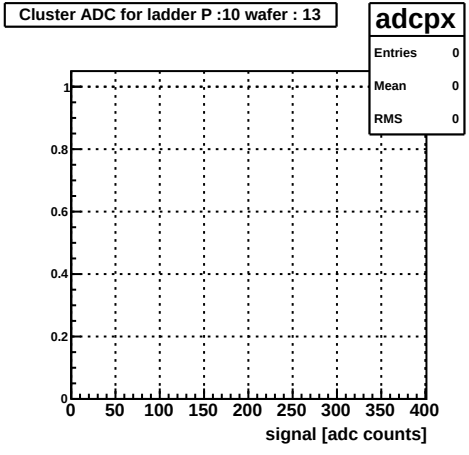

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

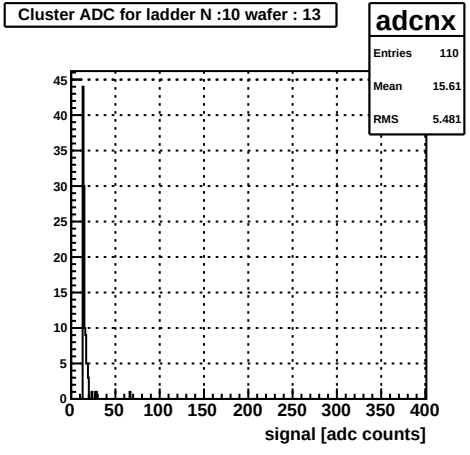

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 385
Mean 15.58
RMS 3.872
signal [adc counts]

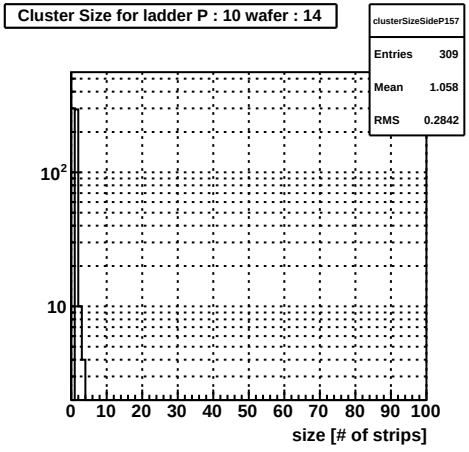

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

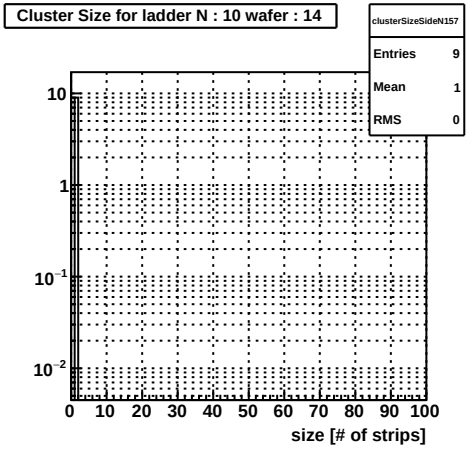

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 110
Mean 1.018
RMS 0.1336
size [# of strips]

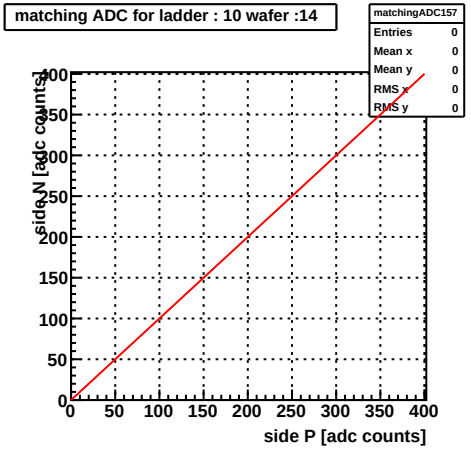

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

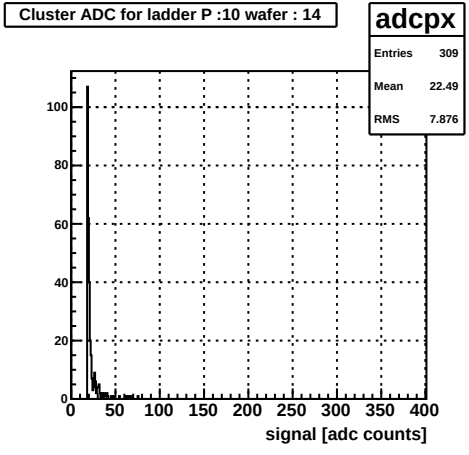

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

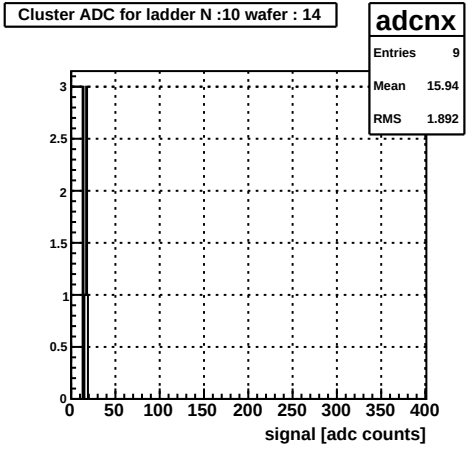

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 110
Mean 15.61
RMS 5.481
signal [adc counts]

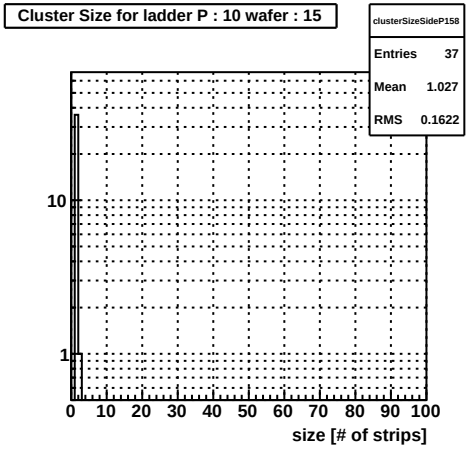

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 309
Mean 1.058
RMS 0.2842
size [# of strips]

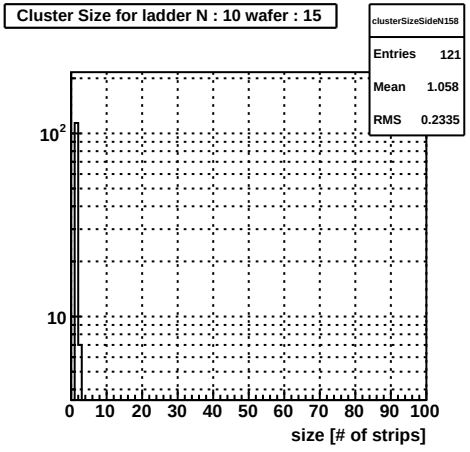

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 9
Mean 1
RMS 0
size [# of strips]

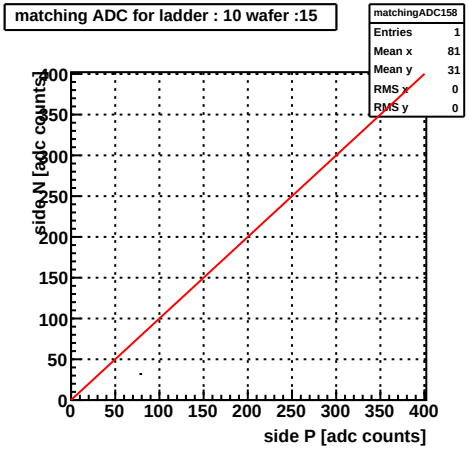

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

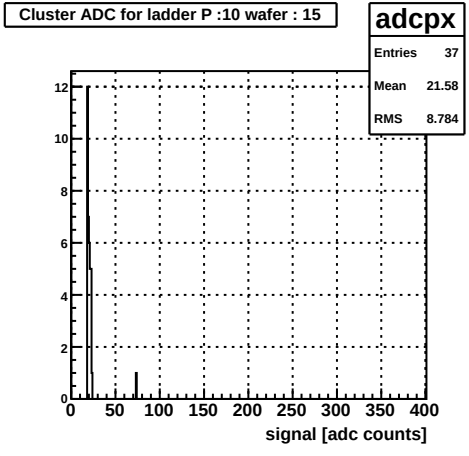

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 309
Mean 22.49
RMS 7.876
signal [adc counts]

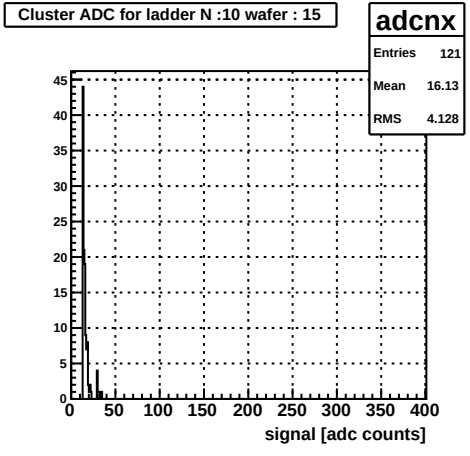

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 9
Mean 15.94
RMS 1.892
signal [adc counts]

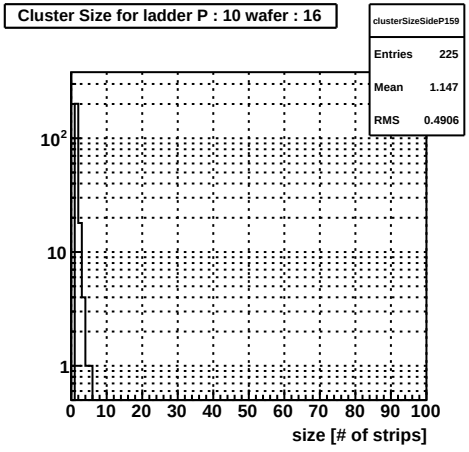

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 37
Mean 1.027
RMS 0.1622
size [# of strips]

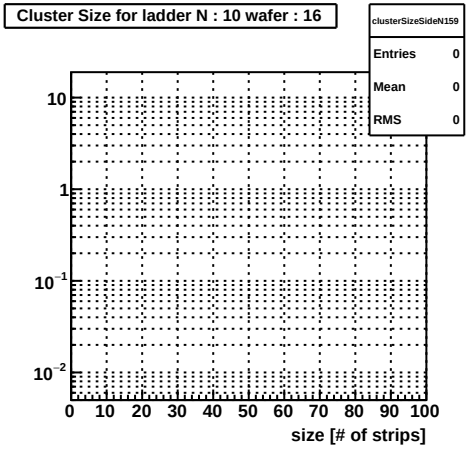

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 121
Mean 1.058
RMS 0.2335
size [# of strips]

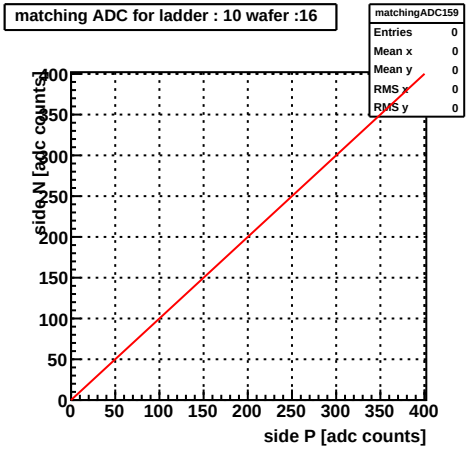

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1
Mean x 81
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

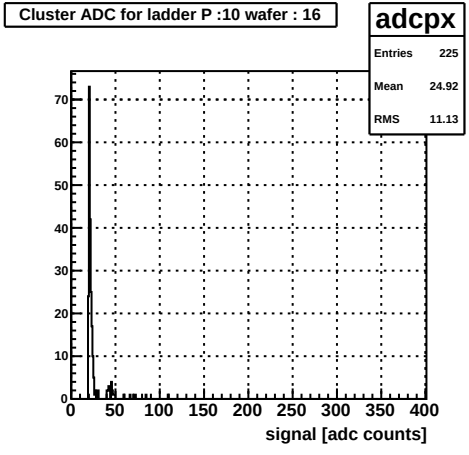

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 37
Mean 21.58
RMS 8.784
signal [adc counts]

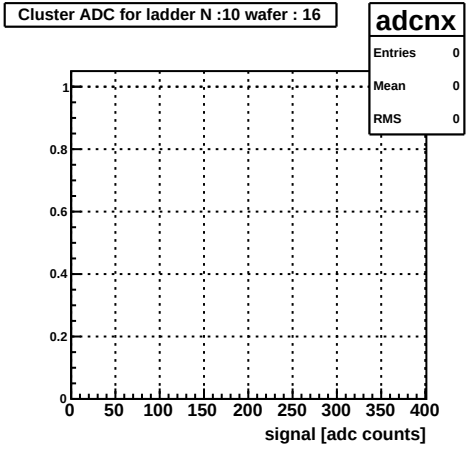

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 121
Mean 16.13
RMS 4.128
signal [adc counts]

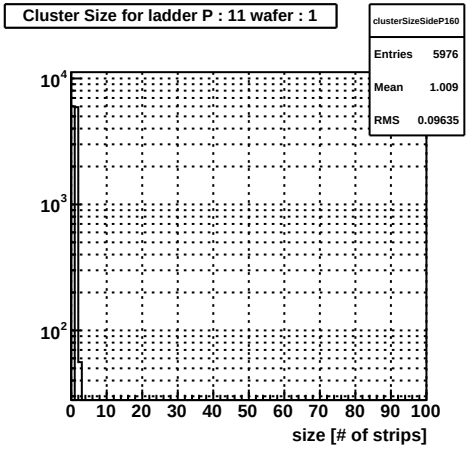

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 225
Mean 1.147
RMS 0.4906
size [# of strips]

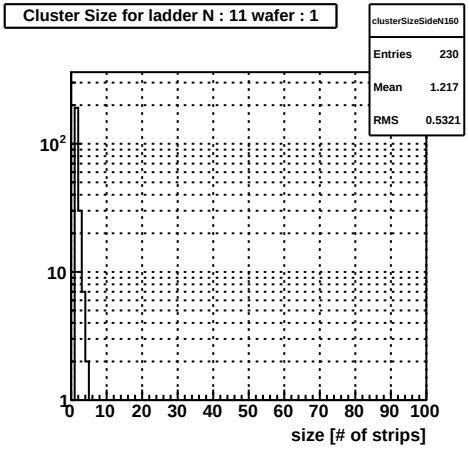

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 0
Mean 0
RMS 0
size [# of strips]

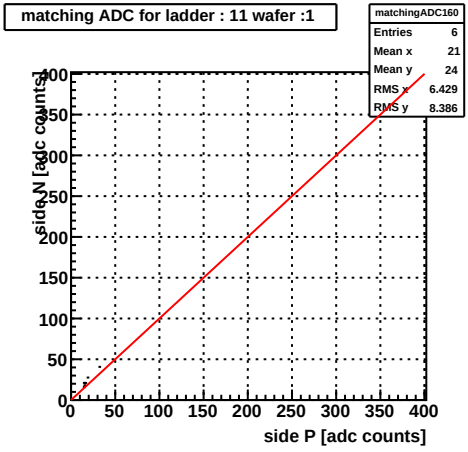

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

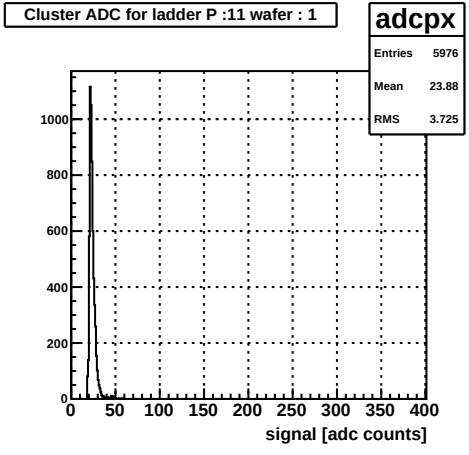

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 225
Mean 24.92
RMS 11.13
signal [adc counts]

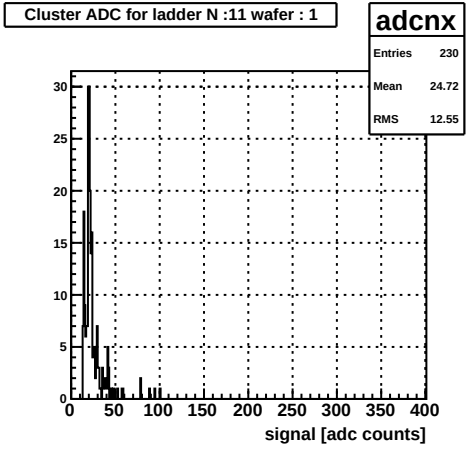

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

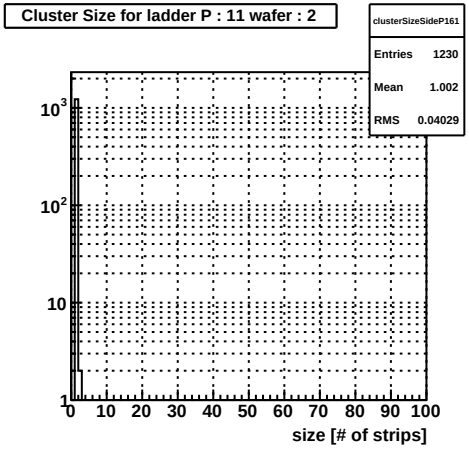

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5976
Mean 1.009
RMS 0.09635
size [# of strips]

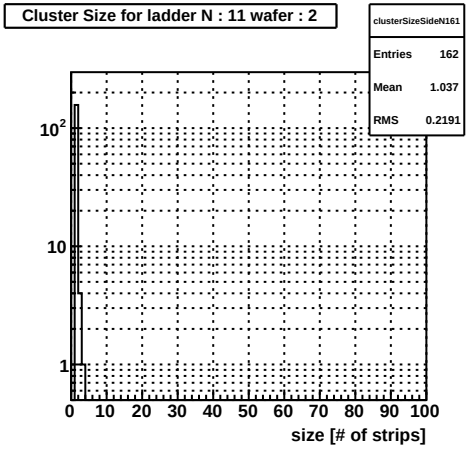

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 230
Mean 1.217
RMS 0.5321
size [# of strips]

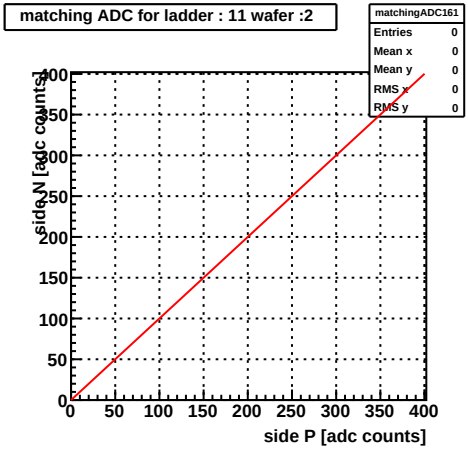

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 6
Mean x 21
Mean y 24
RMS x 6.429
RMS y 8.386
side N [adc counts]
side P [adc counts]

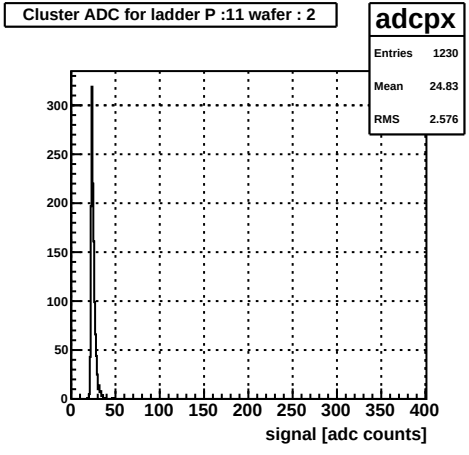

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5976
Mean 23.88
RMS 3.725
signal [adc counts]

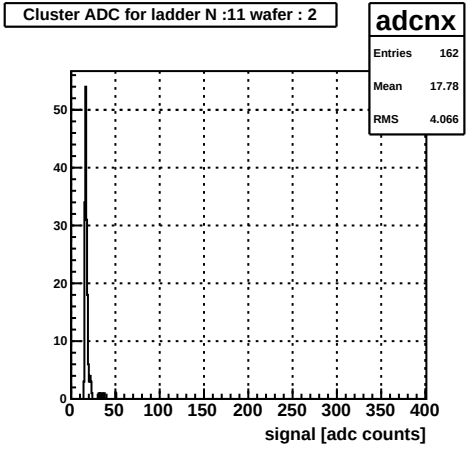

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 230
Mean 24.72
RMS 12.55
signal [adc counts]

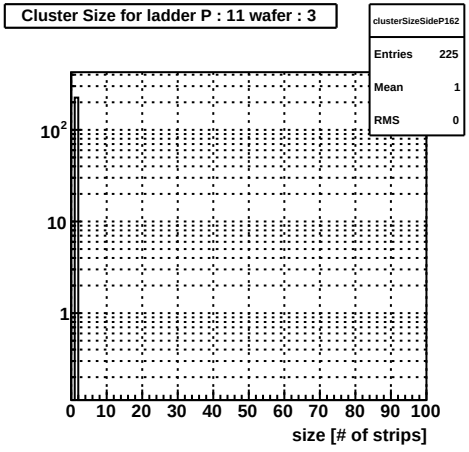

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1230
Mean 1.002
RMS 0.04029
size [# of strips]

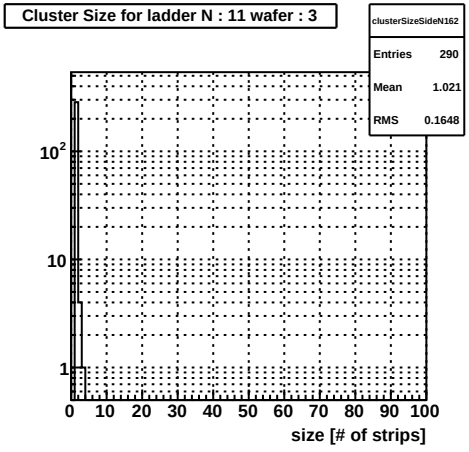

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 162
Mean 1.037
RMS 0.2191
size [# of strips]

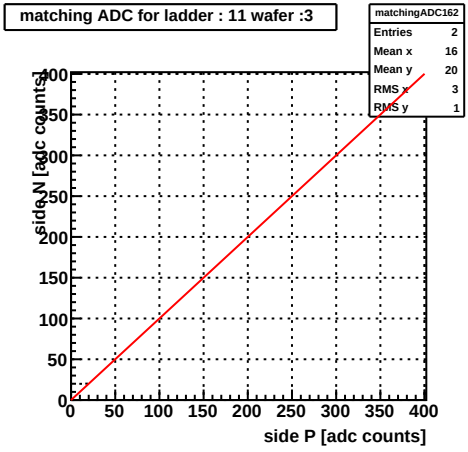

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

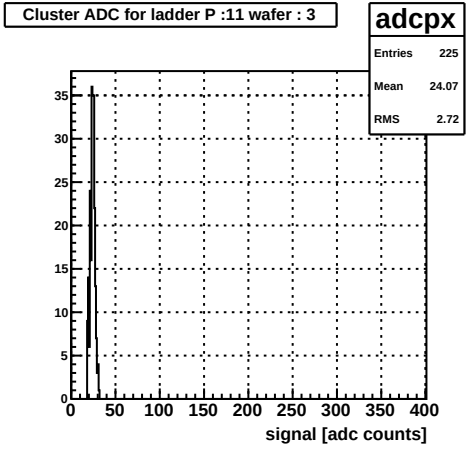

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1230
Mean 24.83
RMS 2.576
signal [adc counts]

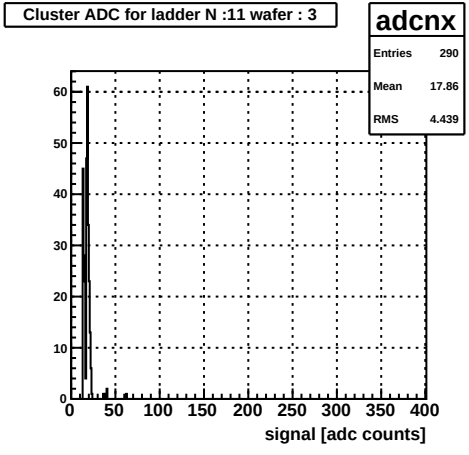

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 162
Mean 17.78
RMS 4.066
signal [adc counts]

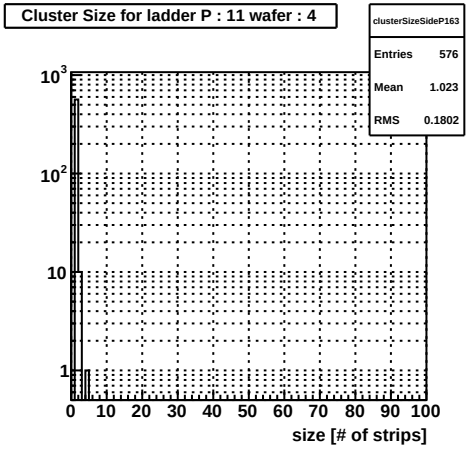

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 225
Mean 1
RMS 0
size [# of strips]

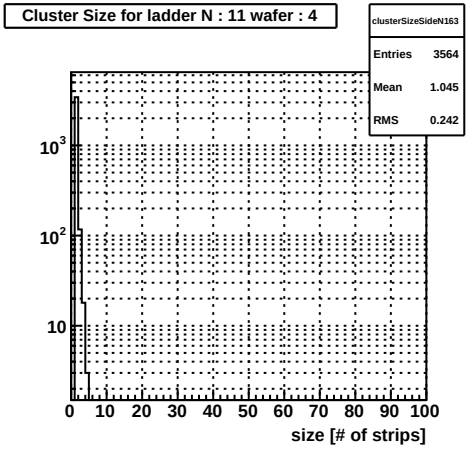

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 290
Mean 1.021
RMS 0.1648
size [# of strips]

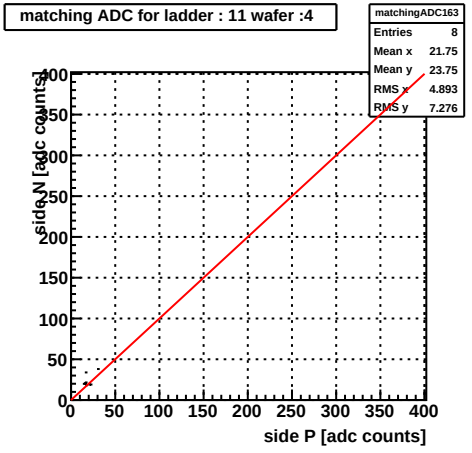

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 2
Mean x 16
Mean y 20
RMS x 3
RMS y 1
side N [adc counts]
side P [adc counts]

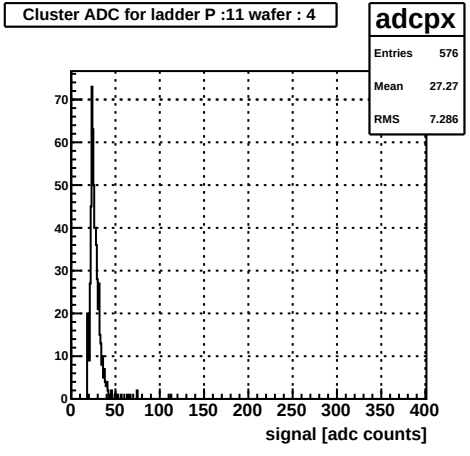

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 225
Mean 24.07
RMS 2.72
signal [adc counts]

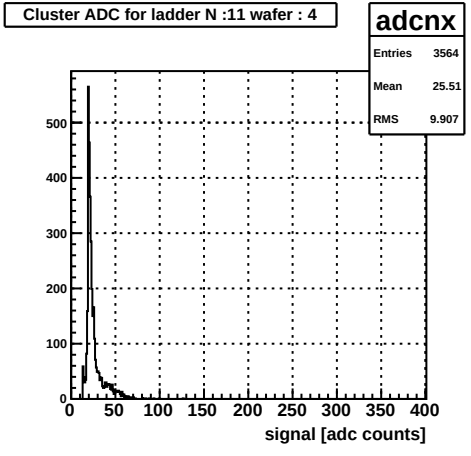

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 290
Mean 17.86
RMS 4.439
signal [adc counts]

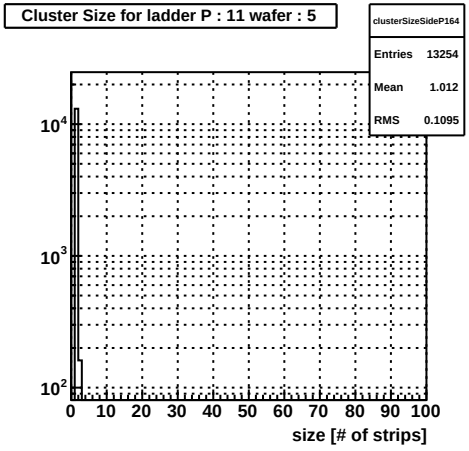

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 576
Mean 1.023
RMS 0.1802
size [# of strips]

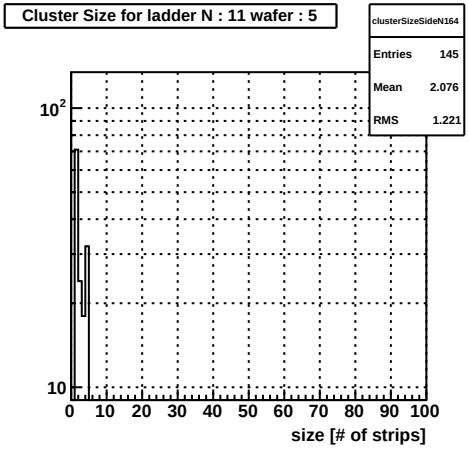

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3564
Mean 1.045
RMS 0.242
size [# of strips]

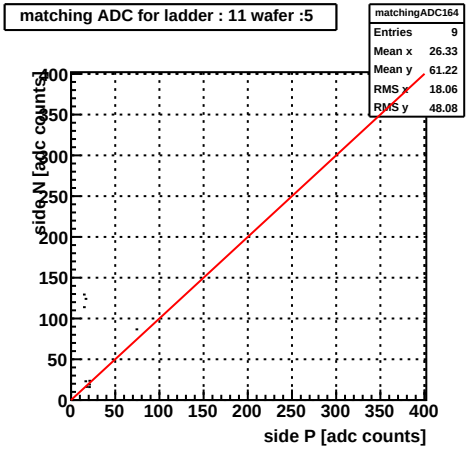

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 8
Mean x 21.75
Mean y 23.75
RMS x 4.893
RMS y 7.276
side N [adc counts]
side P [adc counts]

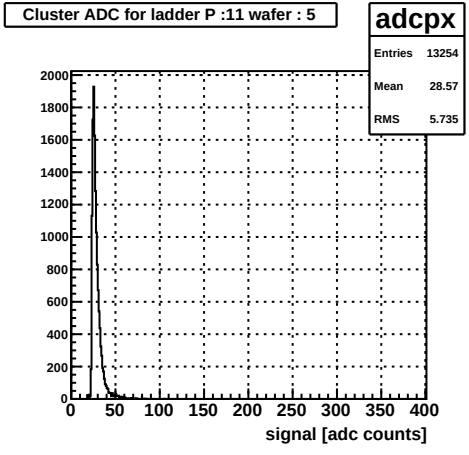

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 576
Mean 27.27
RMS 7.286
signal [adc counts]

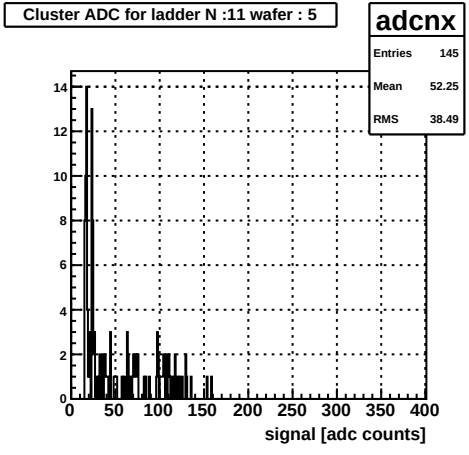

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3564
Mean 25.51
RMS 9.907
signal [adc counts]

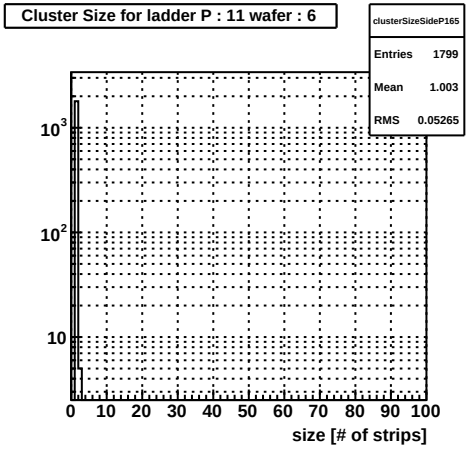

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13254
Mean 1.012
RMS 0.1095
size [# of strips]

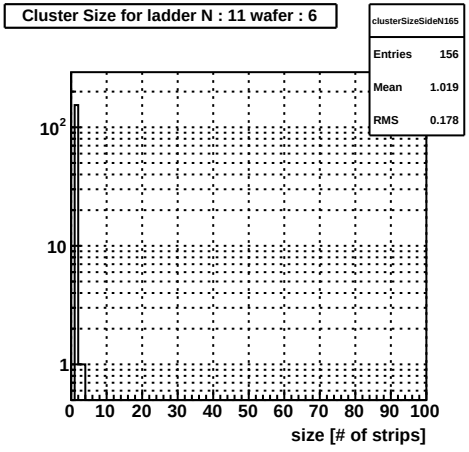

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 145
Mean 2.076
RMS 1.221
size [# of strips]

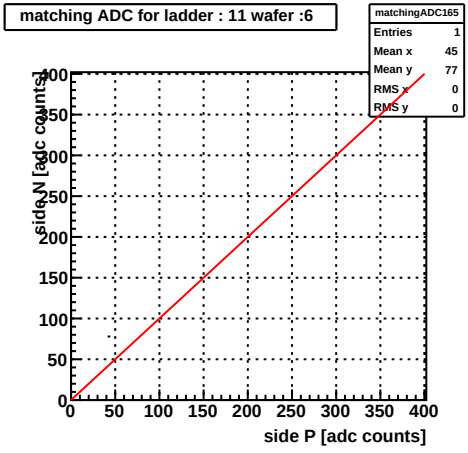

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 9
Mean x 26.33
Mean y 61.22
RMS x 18.06
RMS y 48.08
side N [adc counts]
side P [adc counts]

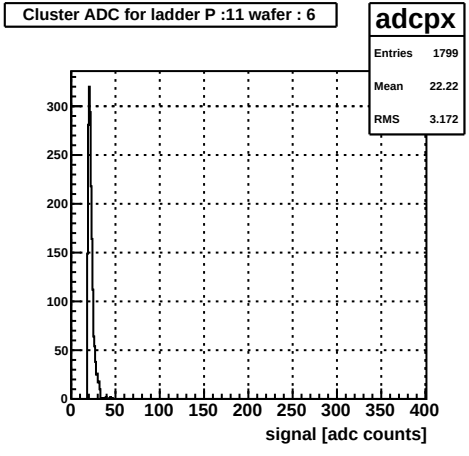

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13254
Mean 28.57
RMS 5.735
signal [adc counts]

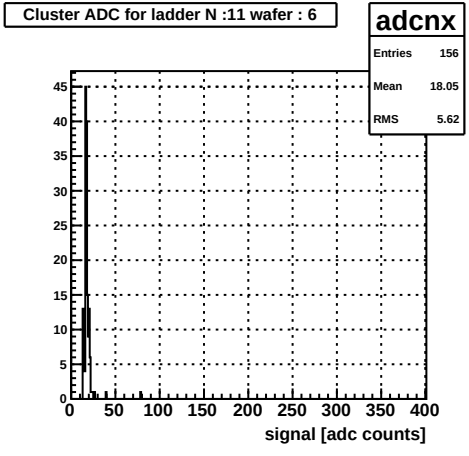

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 145
Mean 52.25
RMS 38.49
signal [adc counts]

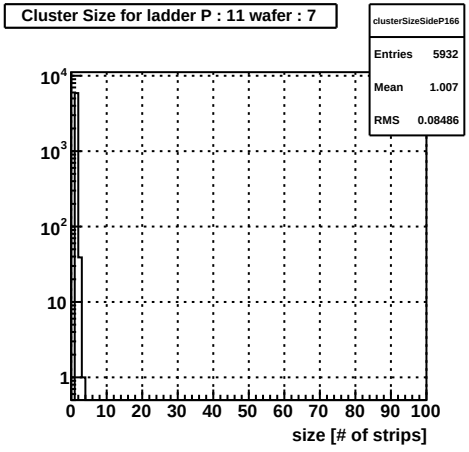

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1799
Mean 1.003
RMS 0.05265
size [# of strips]

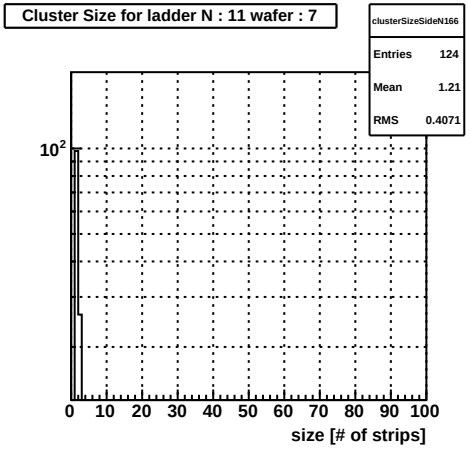

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 156
Mean 1.019
RMS 0.178
size [# of strips]

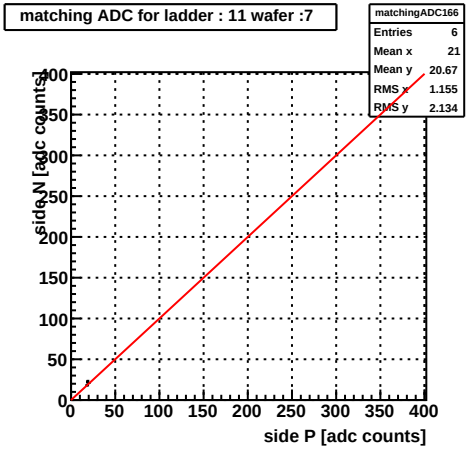

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1
Mean x 45
Mean y 77
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

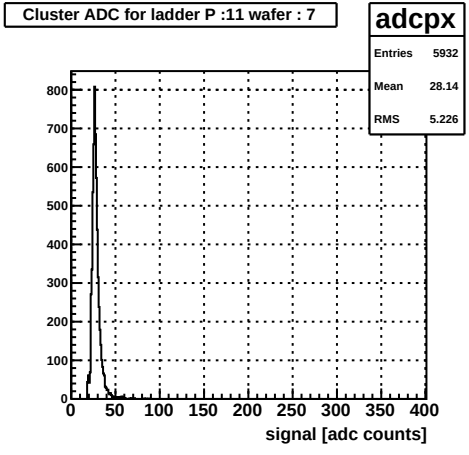

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1799
Mean 22.22
RMS 3.172
signal [adc counts]

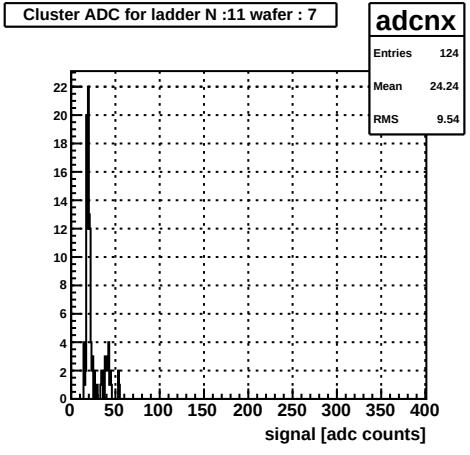

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 156
Mean 18.05
RMS 5.62
signal [adc counts]

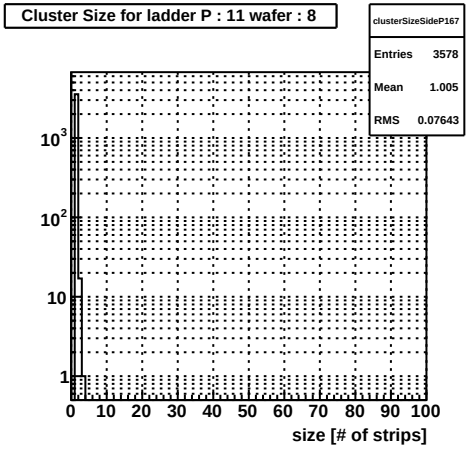

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5932
Mean 1.007
RMS 0.08486
size [# of strips]

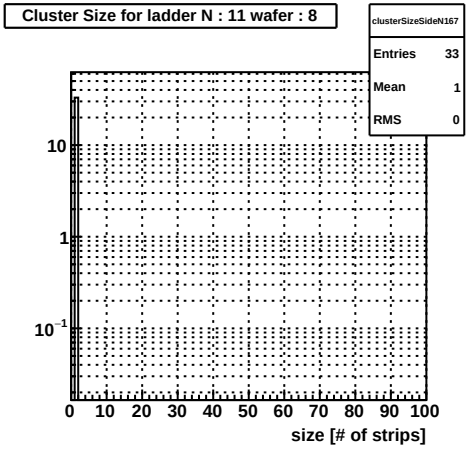

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 124
Mean 1.21
RMS 0.4071
size [# of strips]

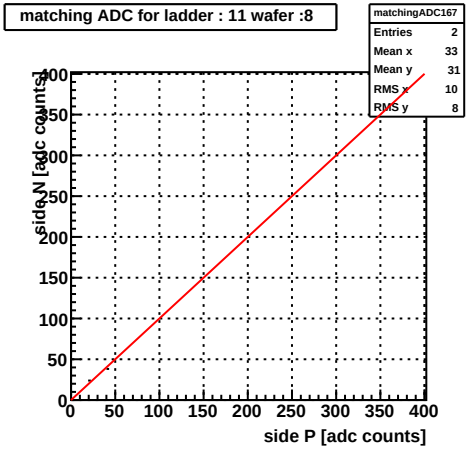

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 6
Mean x 21
Mean y 20.67
RMS x 1.155
RMS y 2.134
side N [adc counts]
side P [adc counts]

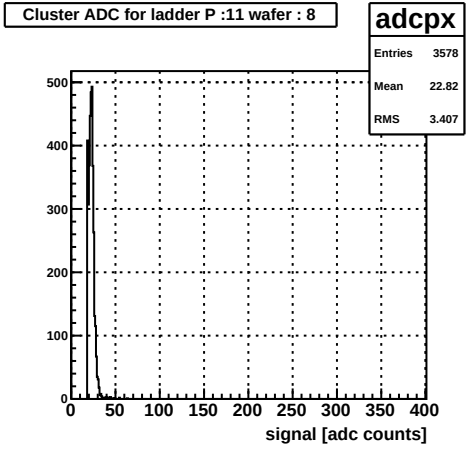

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5932
Mean 28.14
RMS 5.226
signal [adc counts]

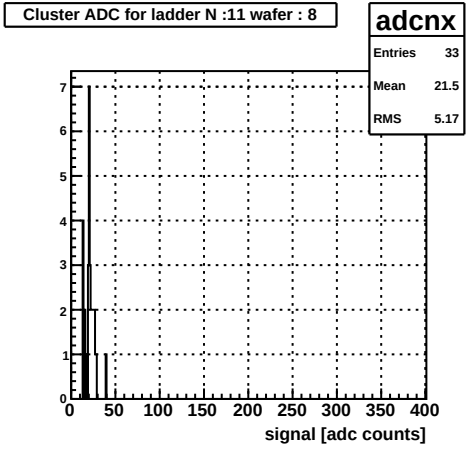

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 124
Mean 24.24
RMS 9.54
signal [adc counts]

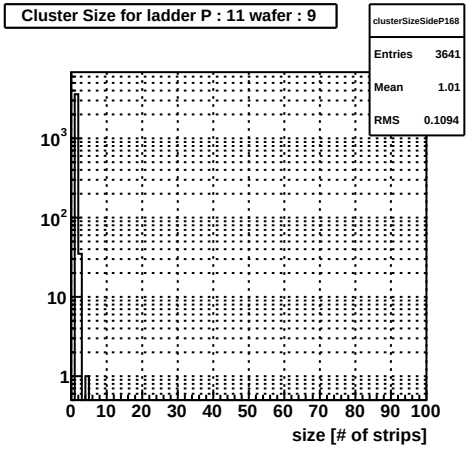

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3578
Mean 1.005
RMS 0.07643
size [# of strips]

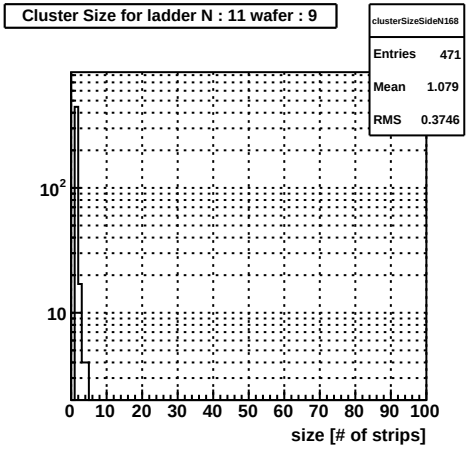

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 33
Mean 1
RMS 0
size [# of strips]

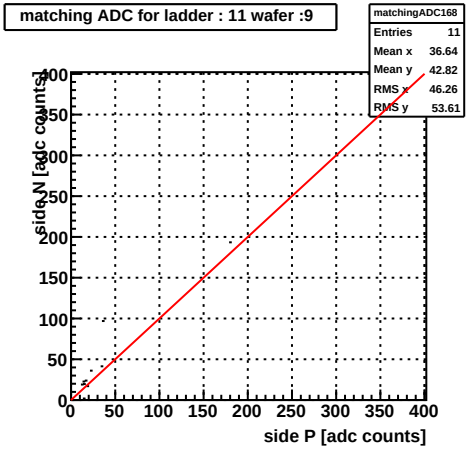

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 2
Mean x 33
Mean y 31
RMS x 10
RMS y 8
side N [adc counts]
side P [adc counts]

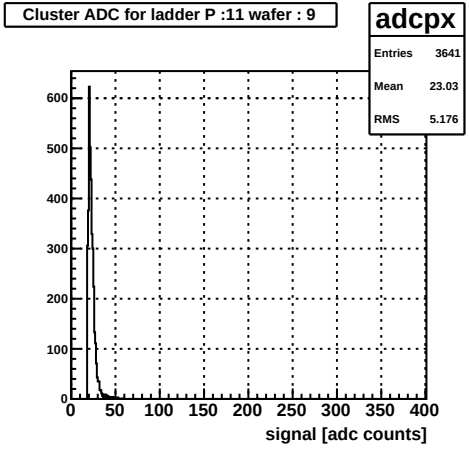

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3578
Mean 22.82
RMS 3.407
signal [adc counts]

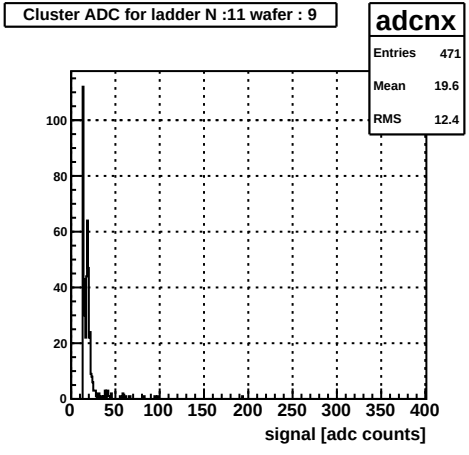

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 33
Mean 21.5
RMS 5.17
signal [adc counts]

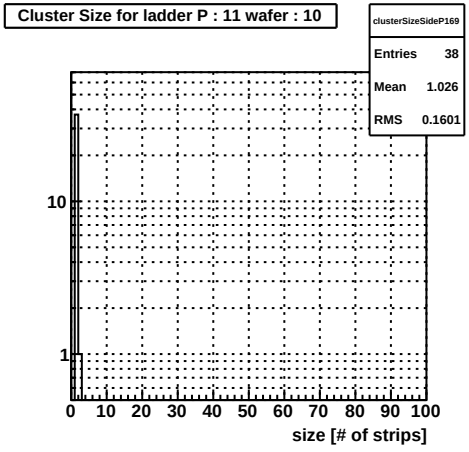

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 3641
Mean 1.01
RMS 0.1094
size [# of strips]

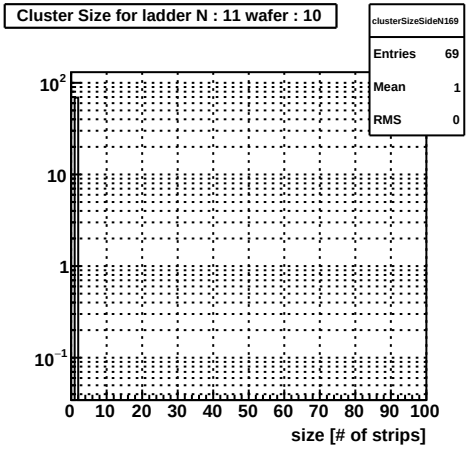

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 471
Mean 1.079
RMS 0.3746
size [# of strips]

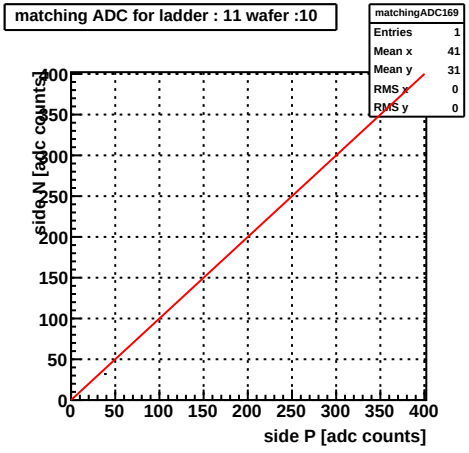

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 11
Mean x 36.64
Mean y 42.82
RMS x 46.26
RMS y 53.61
side N [adc counts]
side P [adc counts]

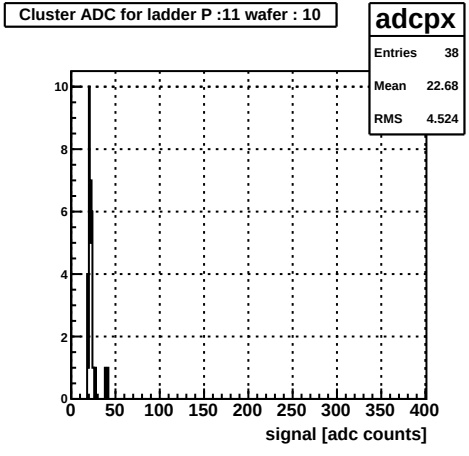

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 3641
Mean 23.03
RMS 5.176
signal [adc counts]

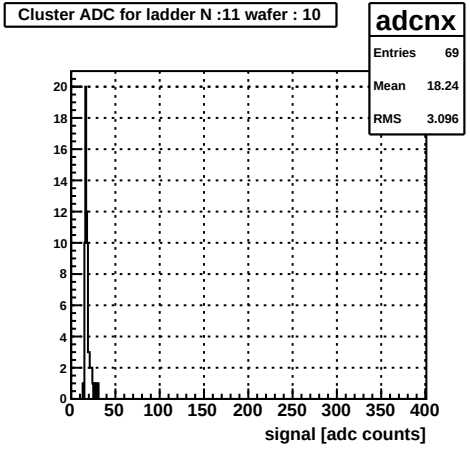

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 471
Mean 19.6
RMS 12.4
signal [adc counts]

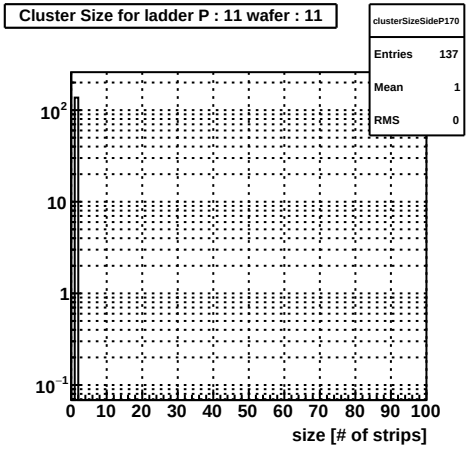

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 38
Mean 1.026
RMS 0.1601
size [# of strips]

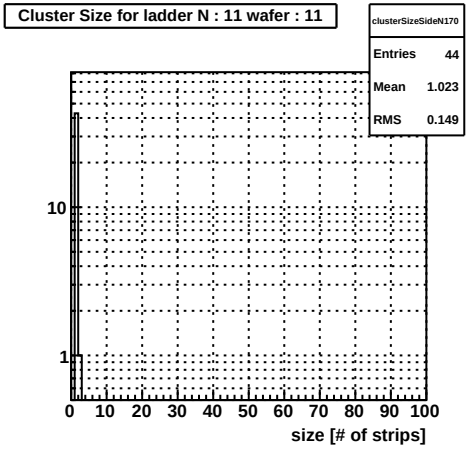

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 69
Mean 1
RMS 0
size [# of strips]

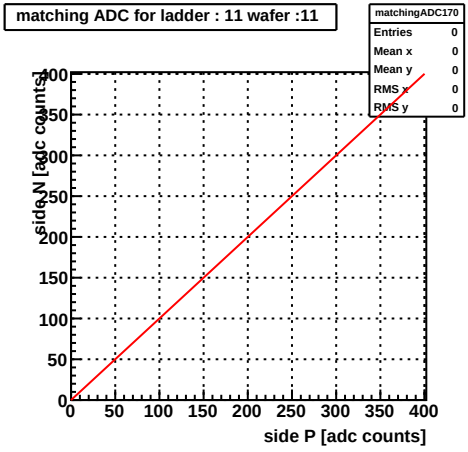

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1
Mean x 41
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

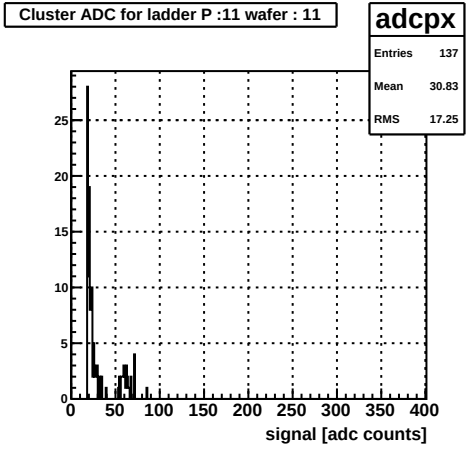

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 38
Mean 22.68
RMS 4.524
signal [adc counts]

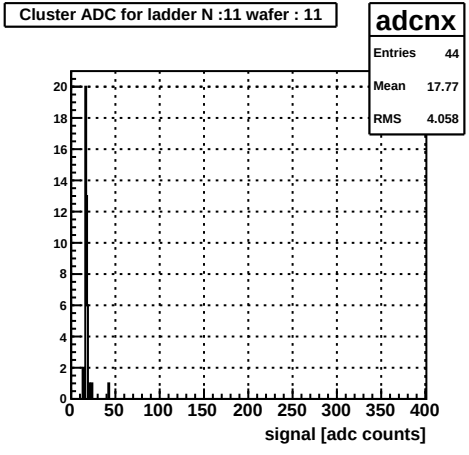

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 69
Mean 18.24
RMS 3.096
signal [adc counts]

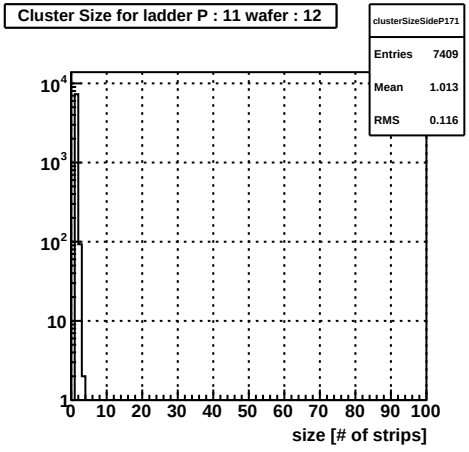

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 137
Mean 1
RMS 0
size [# of strips]

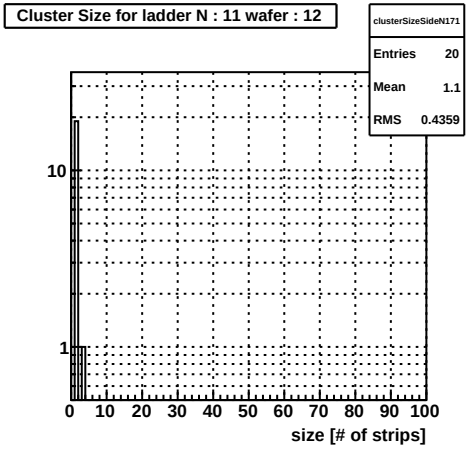

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 44
Mean 1.023
RMS 0.149
size [# of strips]

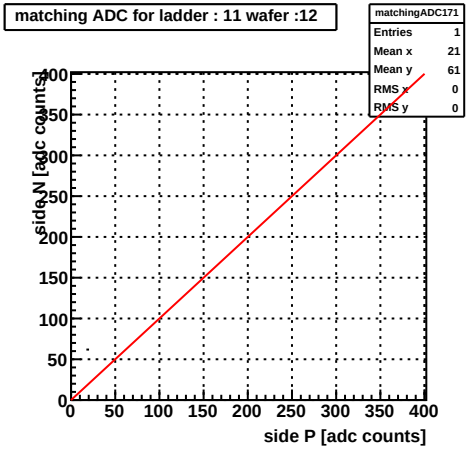

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

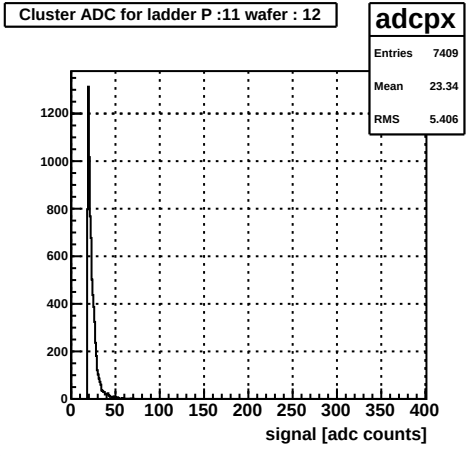

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 137
Mean 30.83
RMS 17.25
signal [adc counts]

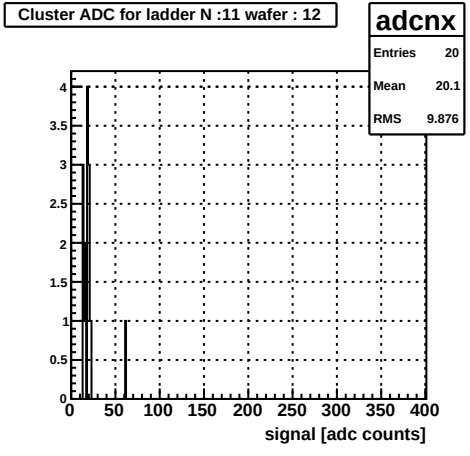

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 44
Mean 17.77
RMS 4.058
signal [adc counts]

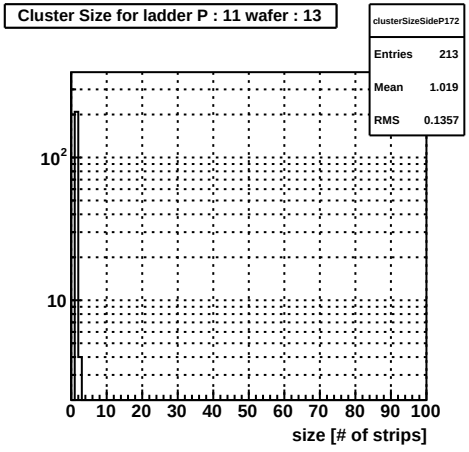

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7409
Mean 1.013
RMS 0.116
size [# of strips]

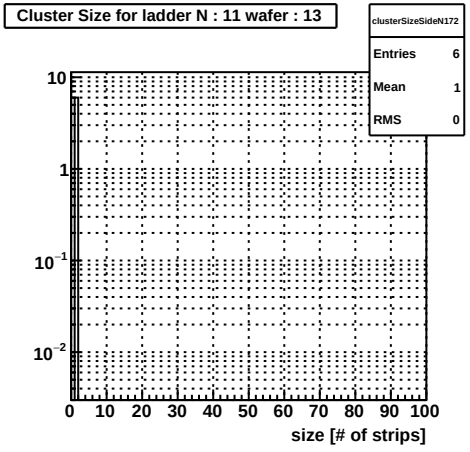

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 20
Mean 1.1
RMS 0.4359
size [# of strips]

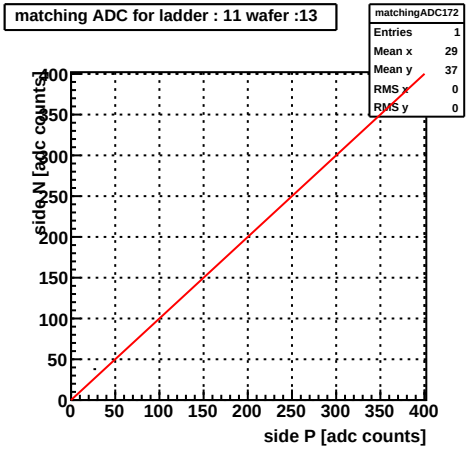

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1
Mean x 21
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

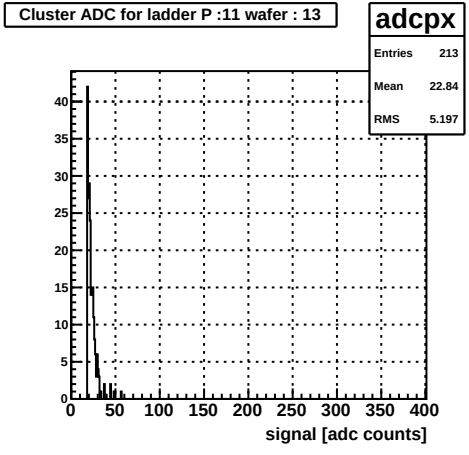

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7409
Mean 23.34
RMS 5.406
signal [adc counts]

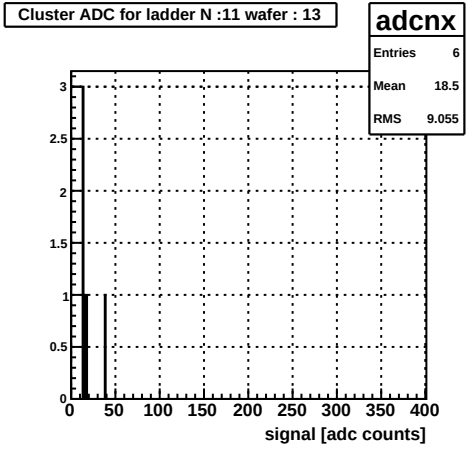

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 20
Mean 20.1
RMS 9.876
signal [adc counts]

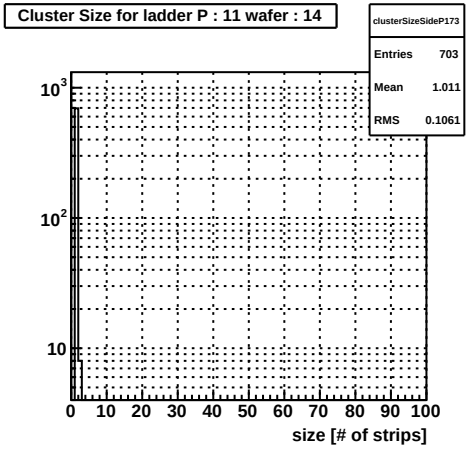

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 213
Mean 1.019
RMS 0.1357
size [# of strips]

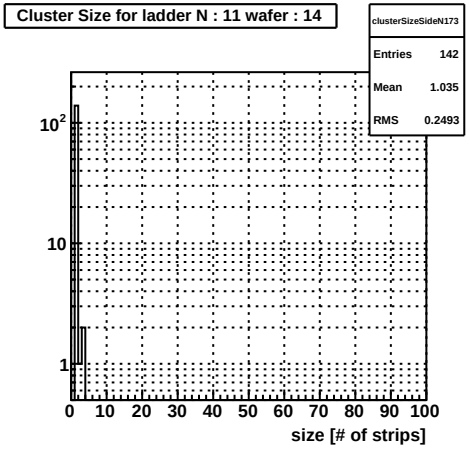

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 6
Mean 1
RMS 0
size [# of strips]

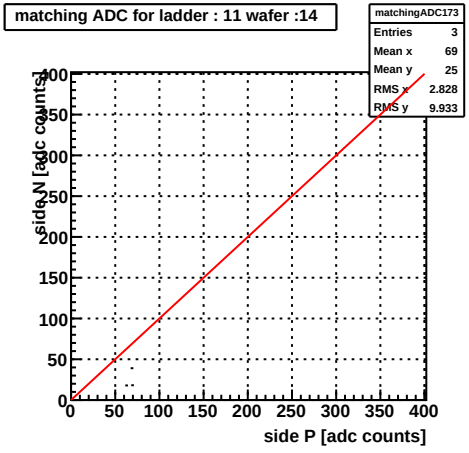

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1
Mean x 29
Mean y 37
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

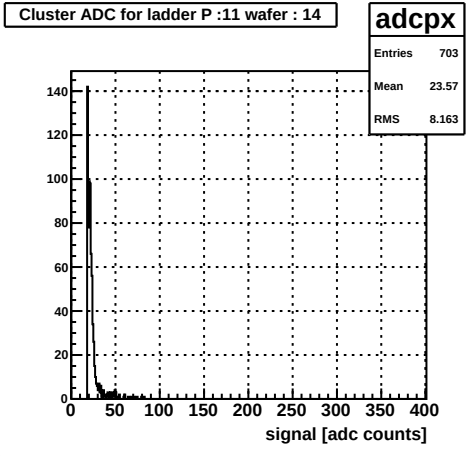

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 213
Mean 22.84
RMS 5.197
signal [adc counts]

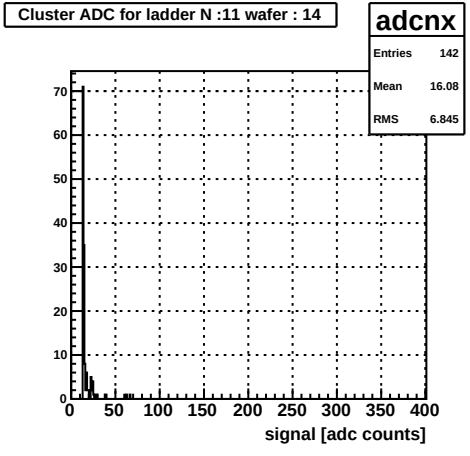

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 6
Mean 18.5
RMS 9.055
signal [adc counts]

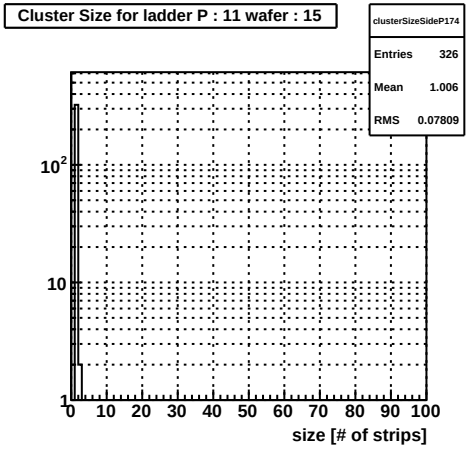

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 703
Mean 1.011
RMS 0.1061
size [# of strips]

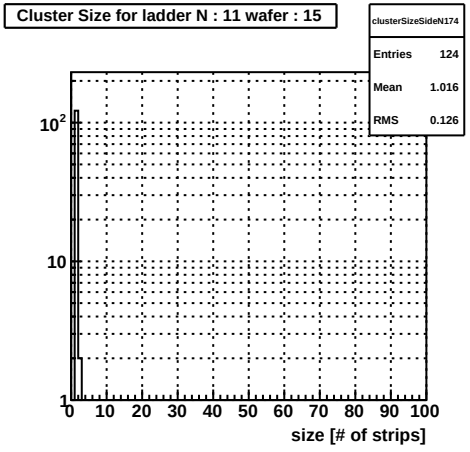

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 142
Mean 1.035
RMS 0.2493
size [# of strips]

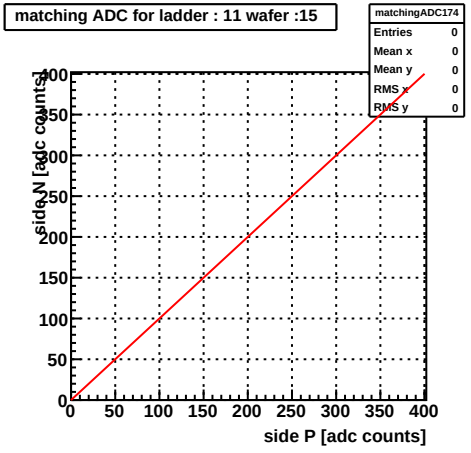

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 3
Mean x 69
Mean y 25
RMS x 2.828
RMS y 9.933
side N [adc counts]
side P [adc counts]

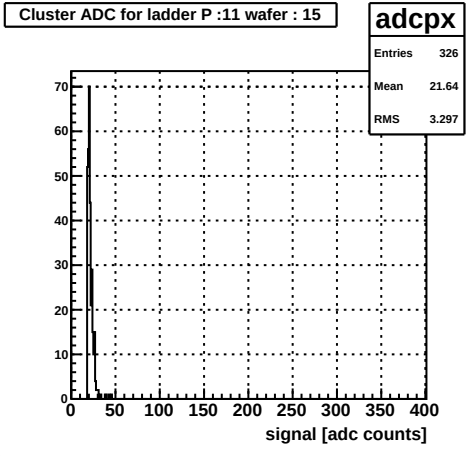

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 703
Mean 23.57
RMS 8.163
signal [adc counts]

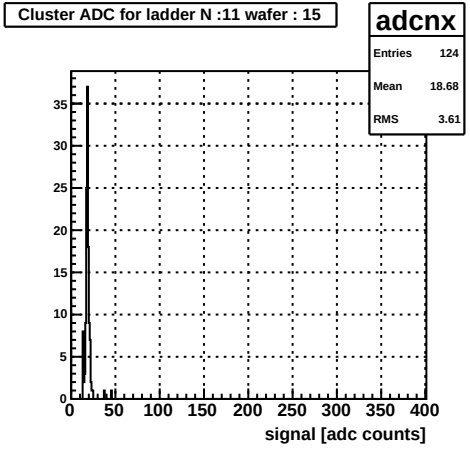

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 142
Mean 16.08
RMS 6.845
signal [adc counts]

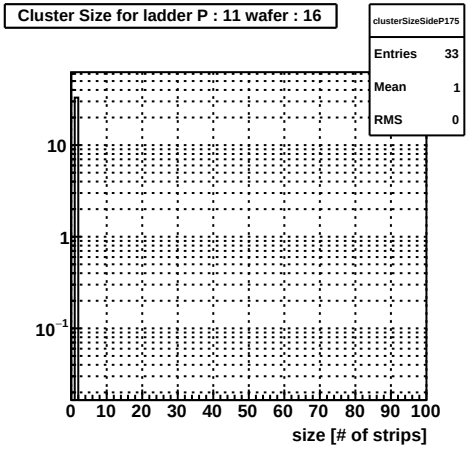

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 326
Mean 1.006
RMS 0.07809
size [# of strips]

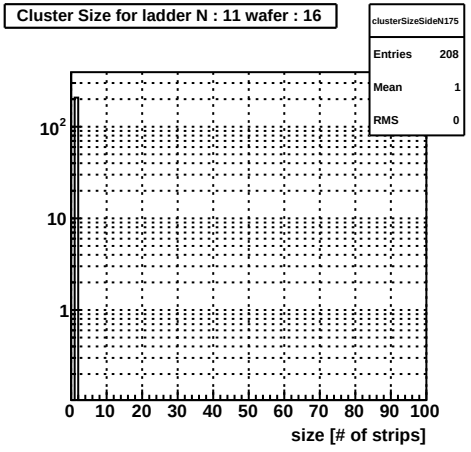

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 124
Mean 1.016
RMS 0.126
size [# of strips]

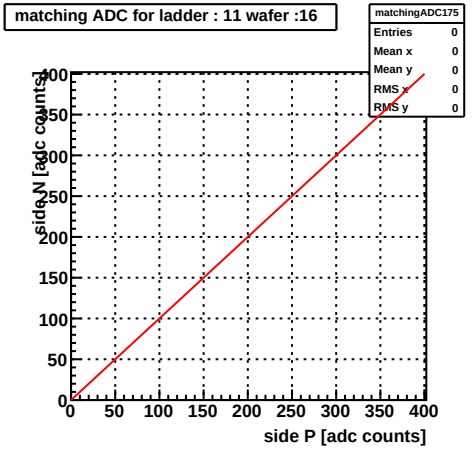

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

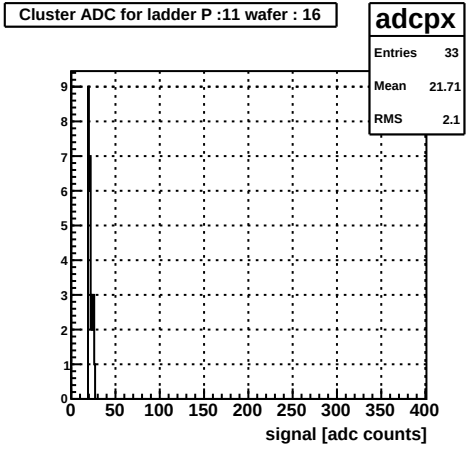

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 326
Mean 21.64
RMS 3.297
signal [adc counts]

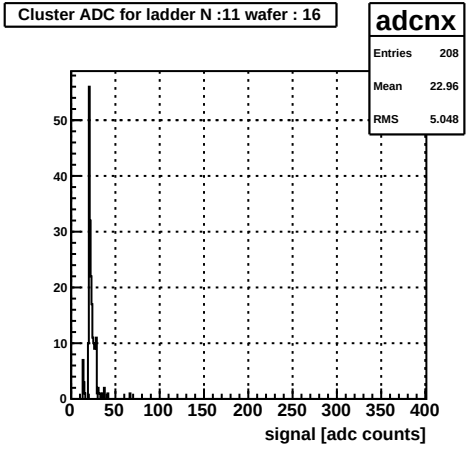

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 124
Mean 18.68
RMS 3.61
signal [adc counts]

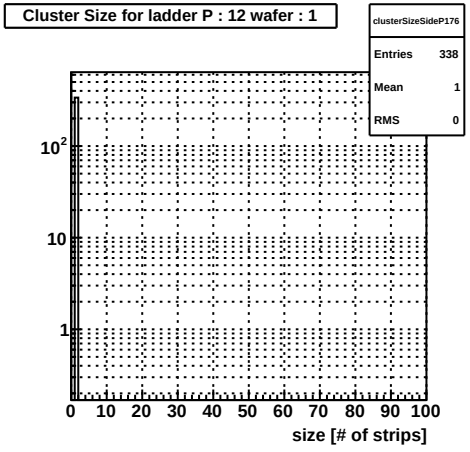

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 33
Mean 1
RMS 0
size [# of strips]

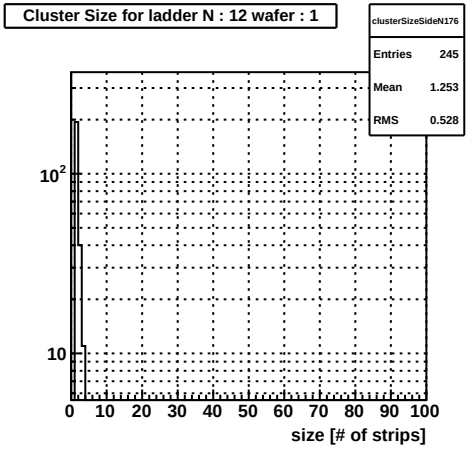

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 208
Mean 1
RMS 0
size [# of strips]

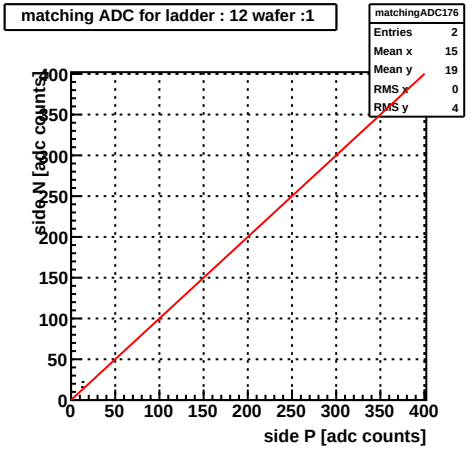

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

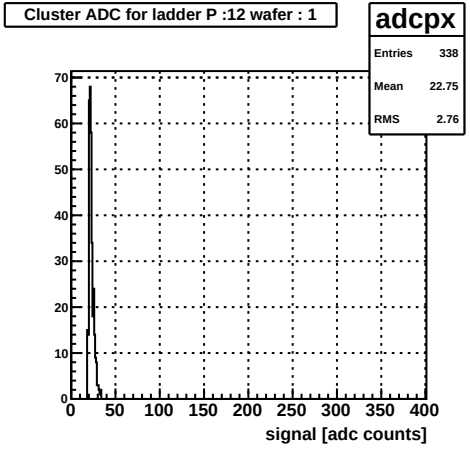

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 33
Mean 21.71
RMS 2.1
signal [adc counts]

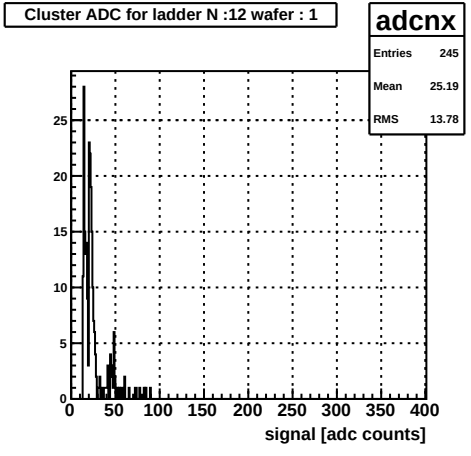

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 208
Mean 22.96
RMS 5.048
signal [adc counts]

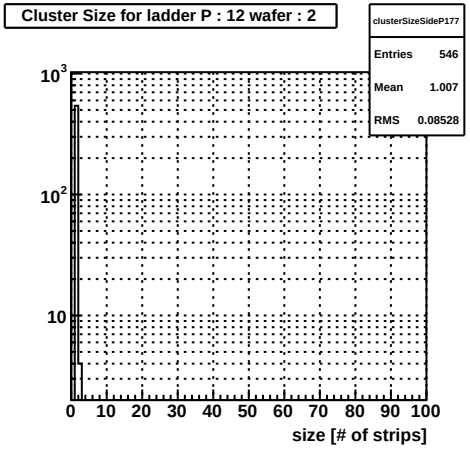

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 338
Mean 1
RMS 0
size [# of strips]

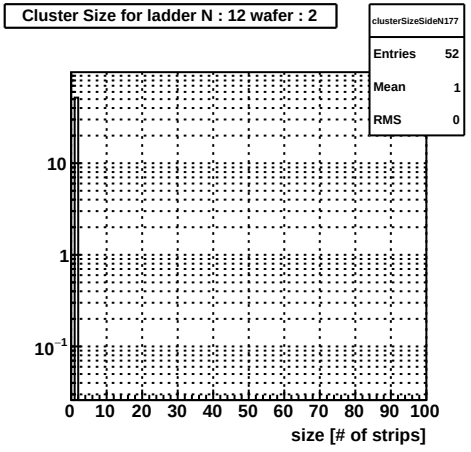

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 245
Mean 1.253
RMS 0.528
size [# of strips]

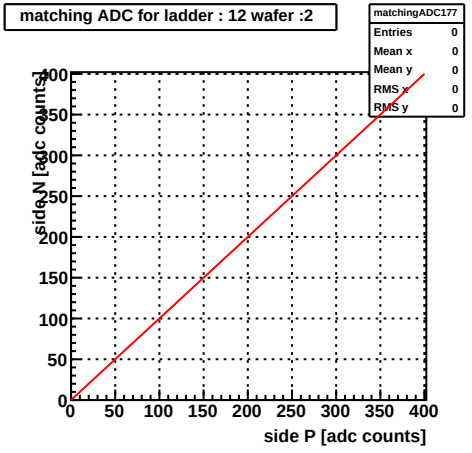

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 2
Mean x 15
Mean y 19
RMS x 0
RMS y 4
side N [adc counts]
side P [adc counts]

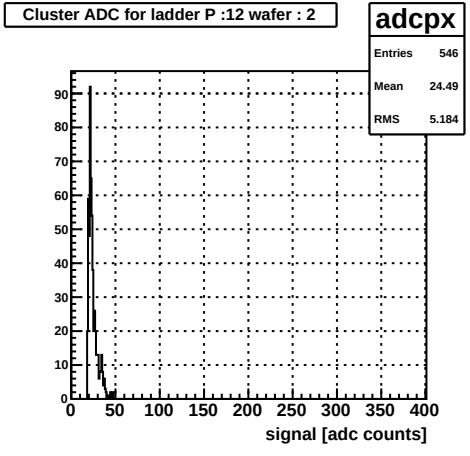

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 338
Mean 22.75
RMS 2.76
signal [adc counts]

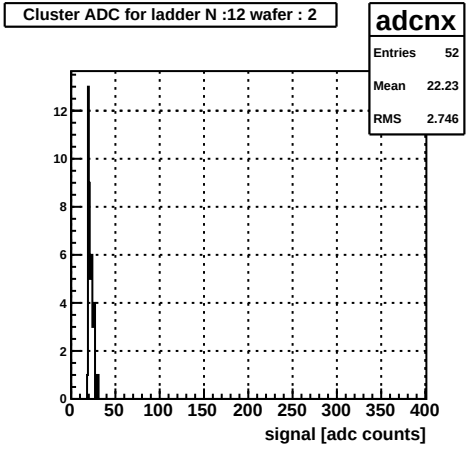

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 245
Mean 25.19
RMS 13.78
signal [adc counts]

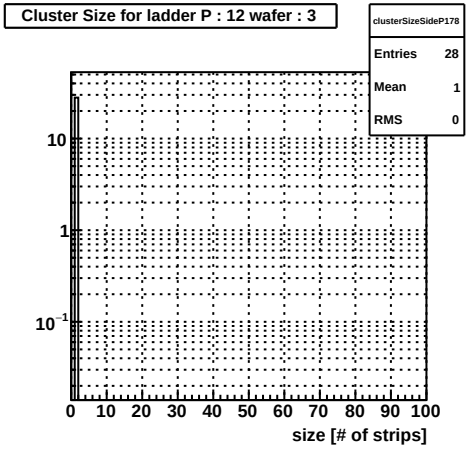

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 546
Mean 1.007
RMS 0.08528
size [# of strips]

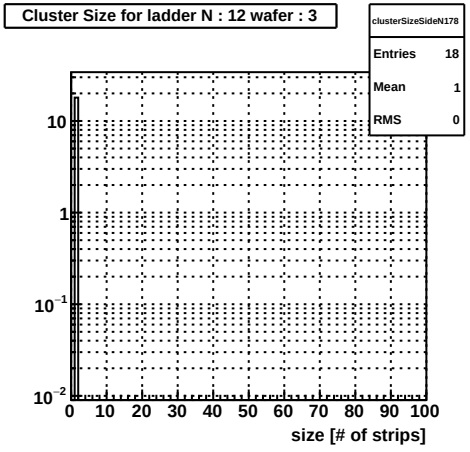

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 52
Mean 1
RMS 0
size [# of strips]

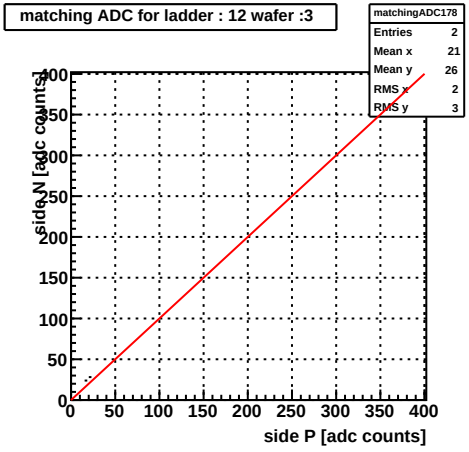

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

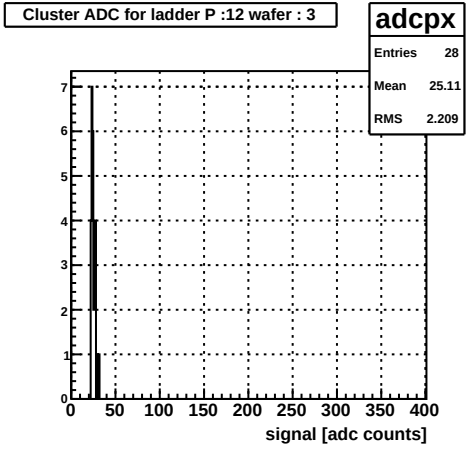

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 546
Mean 24.49
RMS 5.184
signal [adc counts]

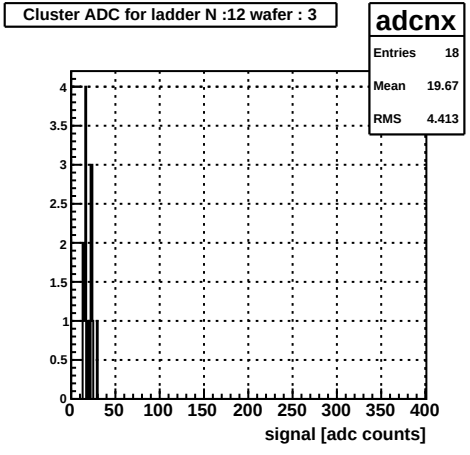

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 52
Mean 22.23
RMS 2.746
signal [adc counts]

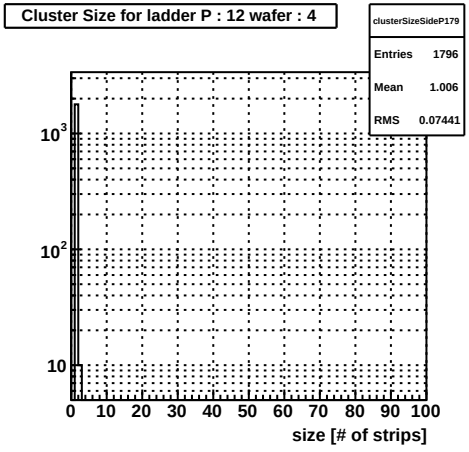

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 28
Mean 1
RMS 0
size [# of strips]

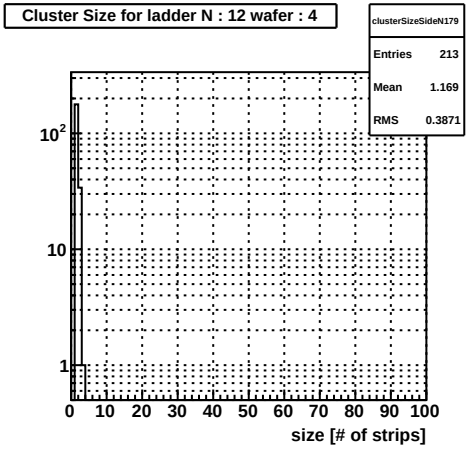

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 18
Mean 1
RMS 0
size [# of strips]

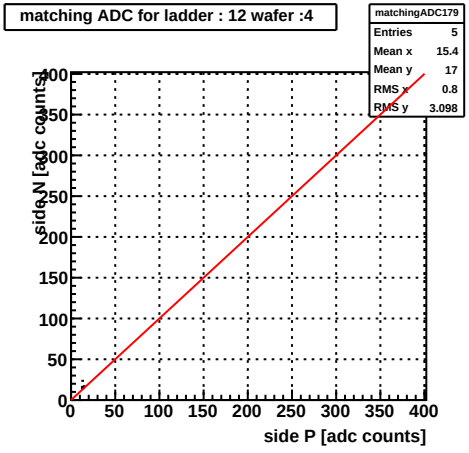

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 2
Mean x 21
Mean y 26
RMS x 2
RMS y 3
side N [adc counts]
side P [adc counts]

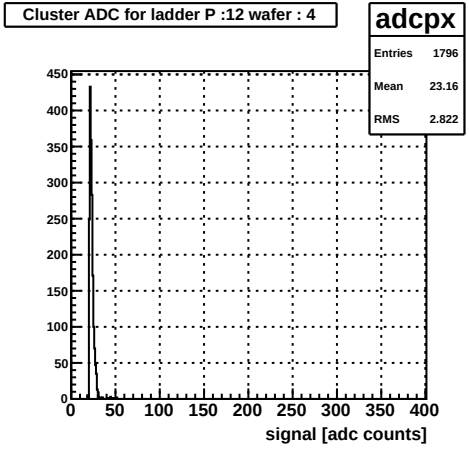

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 28
Mean 25.11
RMS 2.209
signal [adc counts]

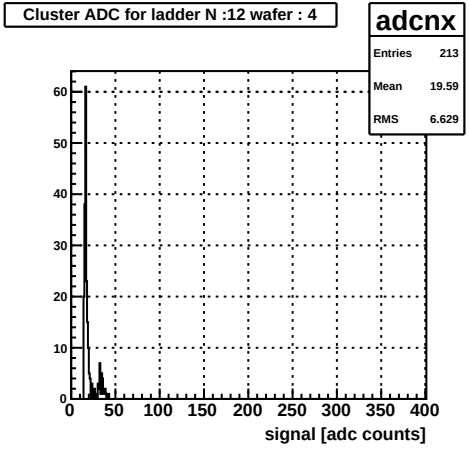

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 18
Mean 19.67
RMS 4.413
signal [adc counts]

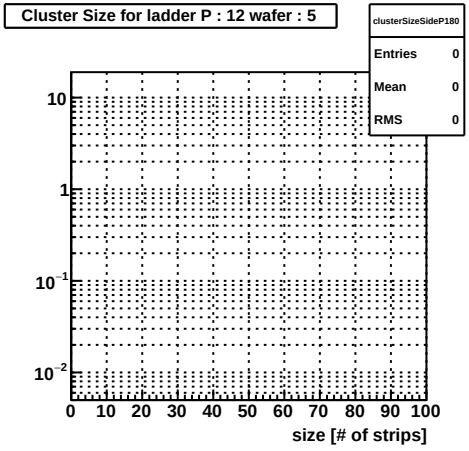

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 1796
Mean 1.006
RMS 0.07441
size [# of strips]

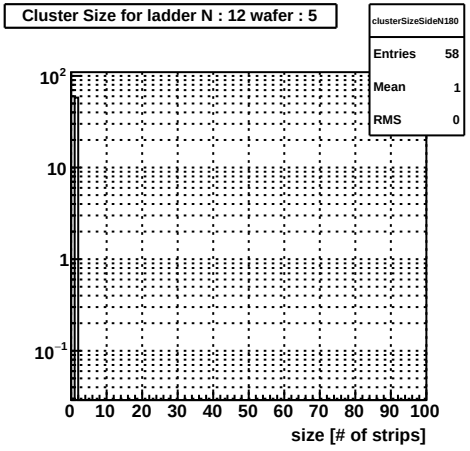

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 213
Mean 1.169
RMS 0.3871
size [# of strips]

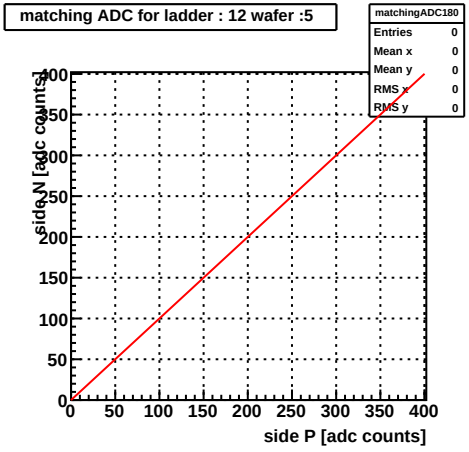

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 5
Mean x 15.4
Mean y 17
RMS x 0.8
RMS y 3.098
side N [adc counts]
side P [adc counts]

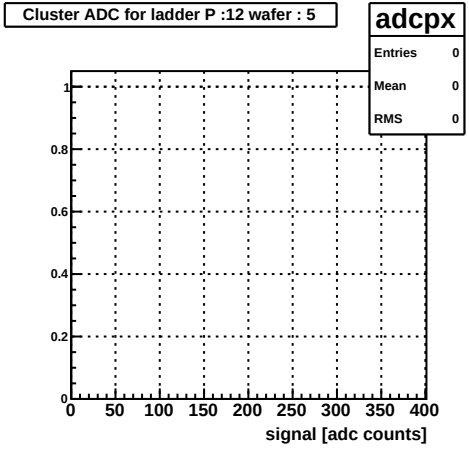

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 1796
Mean 23.16
RMS 2.822
signal [adc counts]

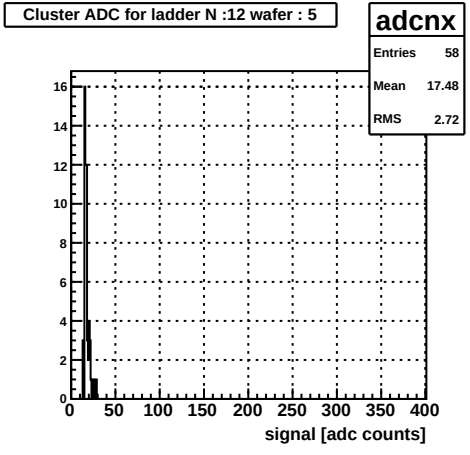

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 213
Mean 19.59
RMS 6.629
signal [adc counts]

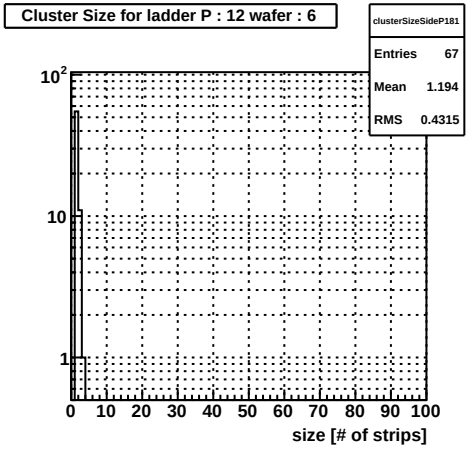

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 0
Mean 0
RMS 0
size [# of strips]

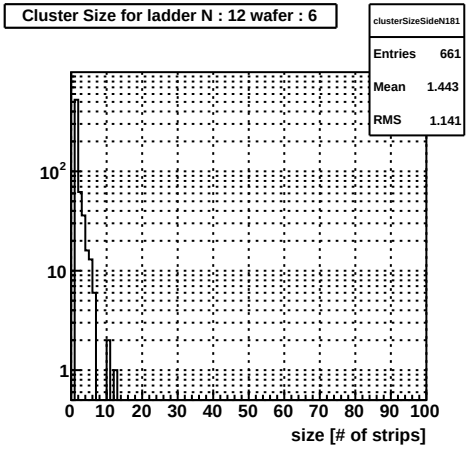

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 58
Mean 1
RMS 0
size [# of strips]

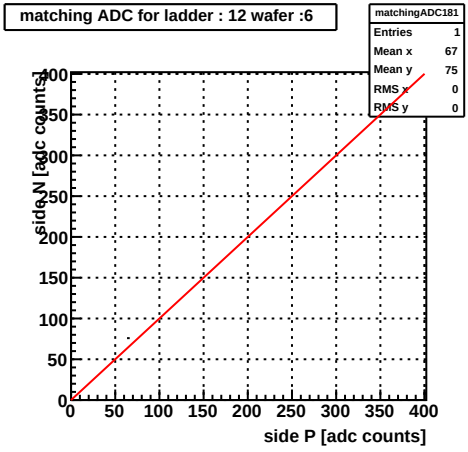

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

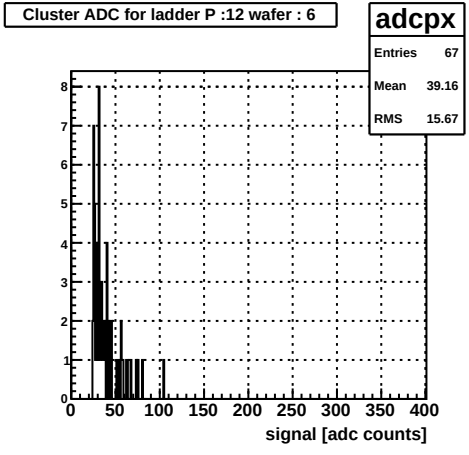

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

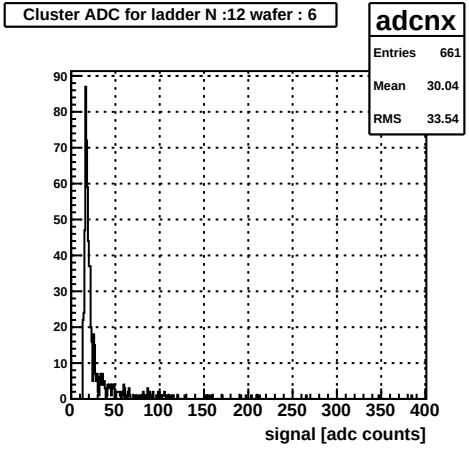

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 58
Mean 17.48
RMS 2.72
signal [adc counts]

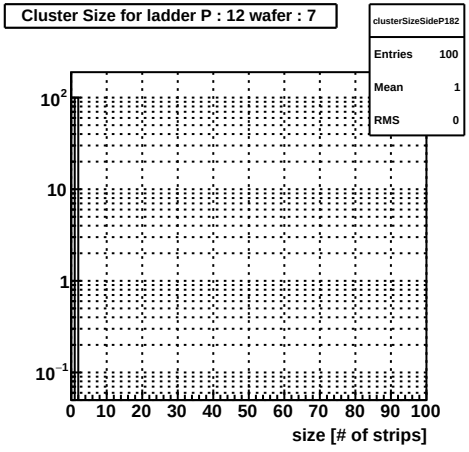

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 67
Mean 1.194
RMS 0.4315
size [# of strips]

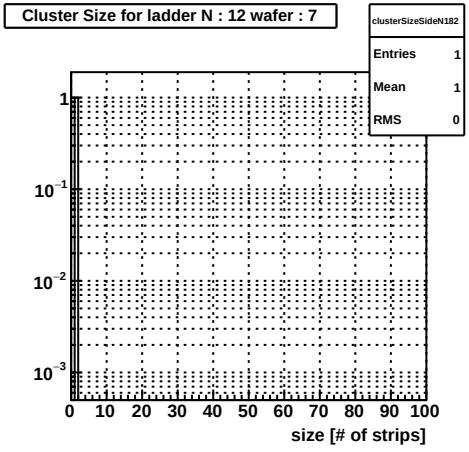

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 661
Mean 1.443
RMS 1.141
size [# of strips]

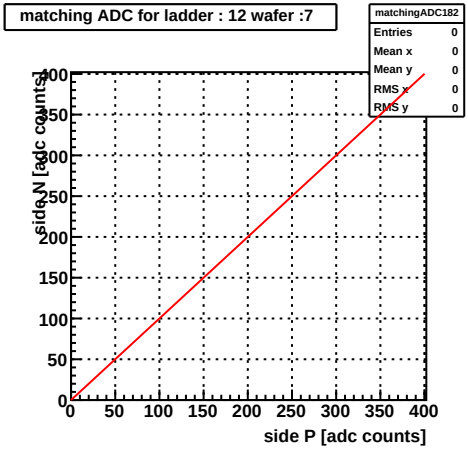

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1
Mean x 67
Mean y 75
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

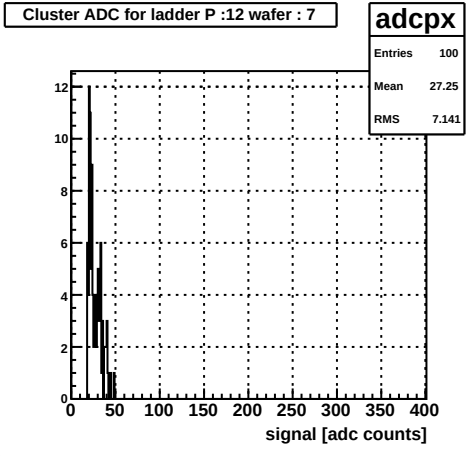

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 67
Mean 39.16
RMS 15.67
signal [adc counts]

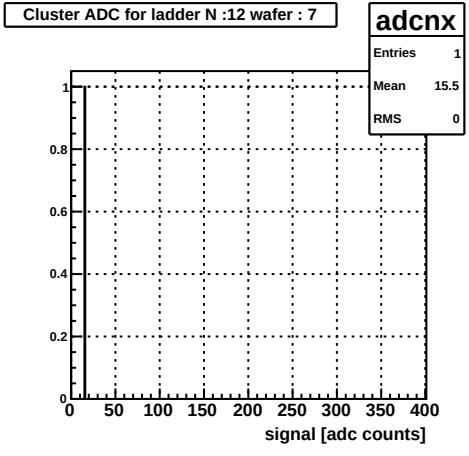

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 661
Mean 30.04
RMS 33.54
signal [adc counts]

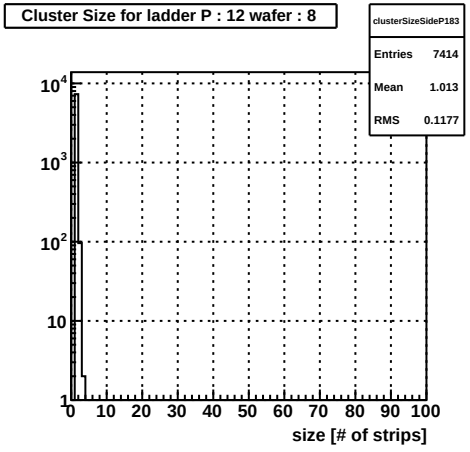

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 100
Mean 1
RMS 0
size [# of strips]

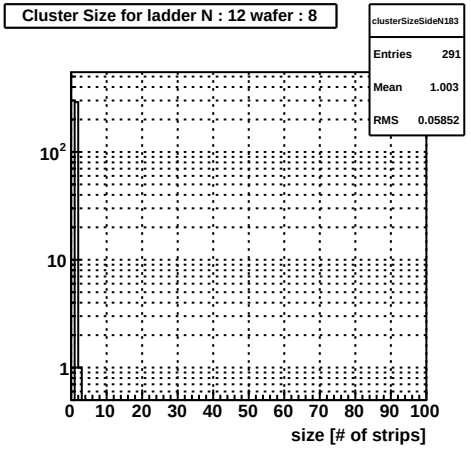

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1
Mean 1
RMS 0
size [# of strips]

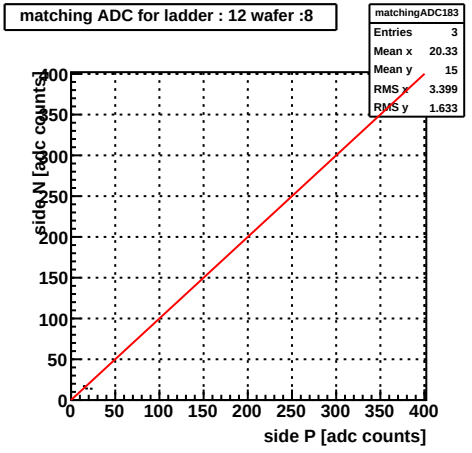

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

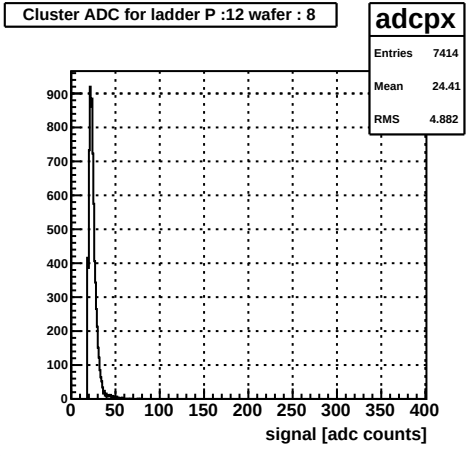

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 100
Mean 27.25
RMS 7.141
signal [adc counts]

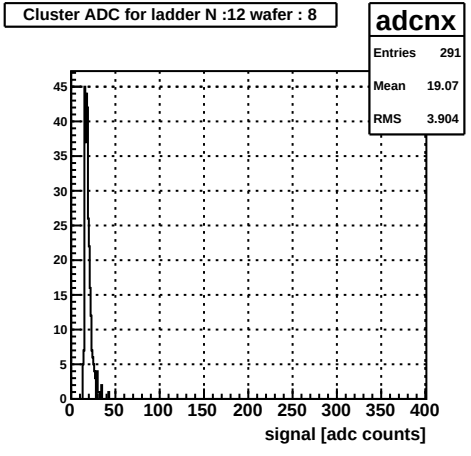

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1
Mean 15.5
RMS 0
signal [adc counts]

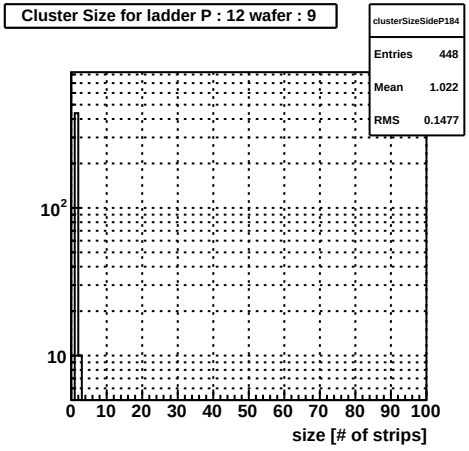

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 7414
Mean 1.013
RMS 0.1177
size [# of strips]

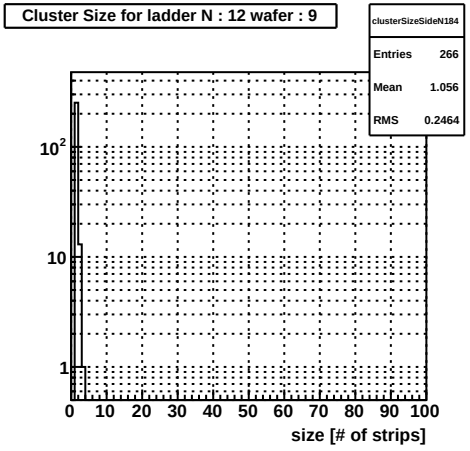

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 291
Mean 1.003
RMS 0.05852
size [# of strips]

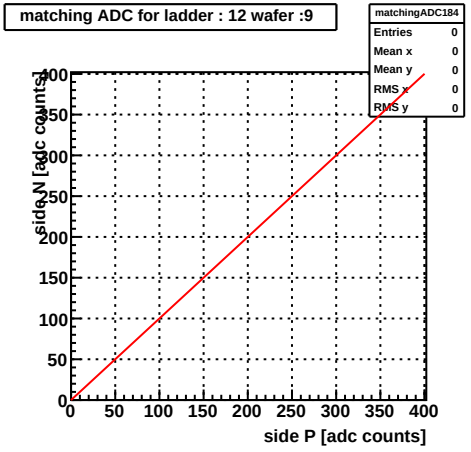

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 3
Mean x 20.33
Mean y 15
RMS x 3.399
RMS y 1.633
side N [adc counts]
side P [adc counts]

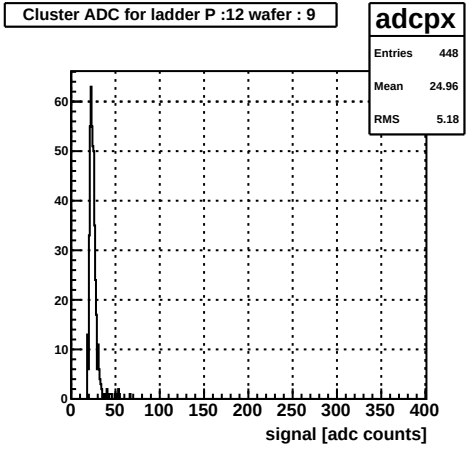

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 7414
Mean 24.41
RMS 4.882
signal [adc counts]

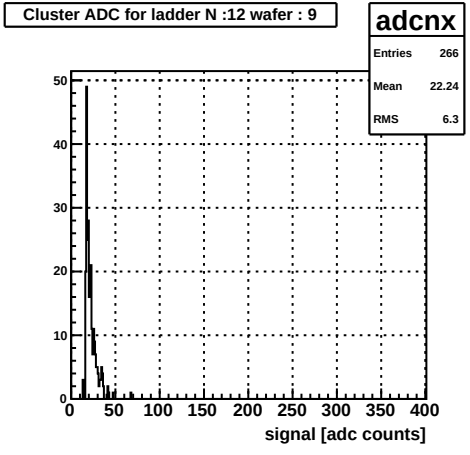

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 291
Mean 19.07
RMS 3.904
signal [adc counts]

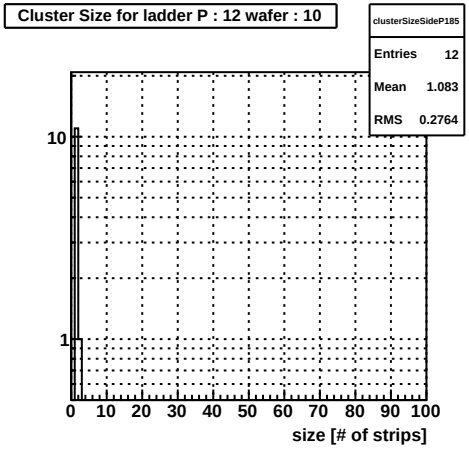

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 448
Mean 1.022
RMS 0.1477
size [# of strips]

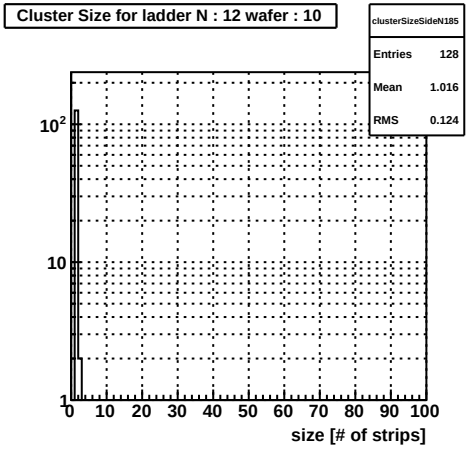

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 266
Mean 1.056
RMS 0.2464
size [# of strips]

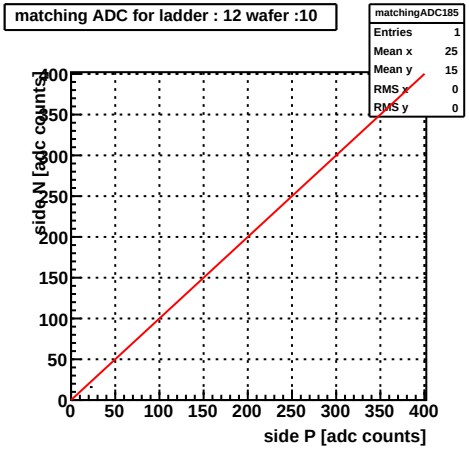

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

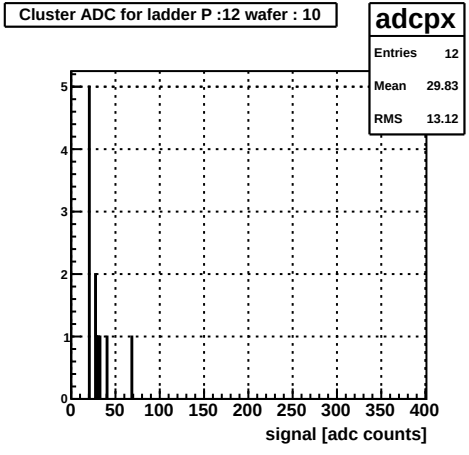

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 448
Mean 24.96
RMS 5.18
signal [adc counts]

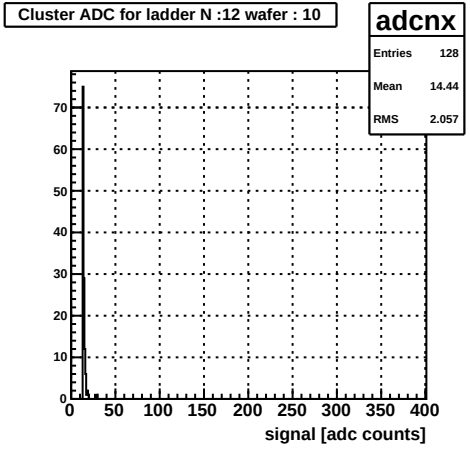

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 266
Mean 22.24
RMS 6.3
signal [adc counts]

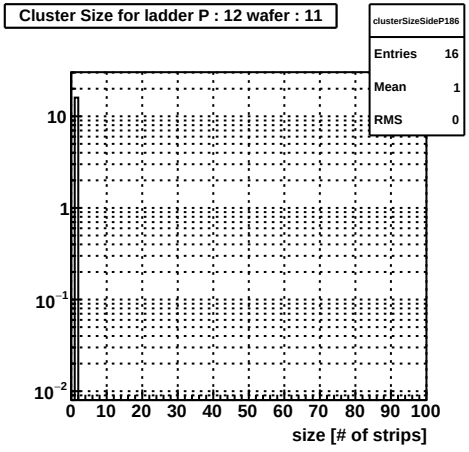

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

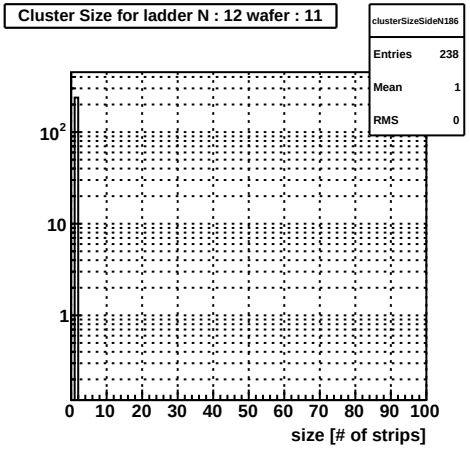

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 128
Mean 1.016
RMS 0.124
size [# of strips]

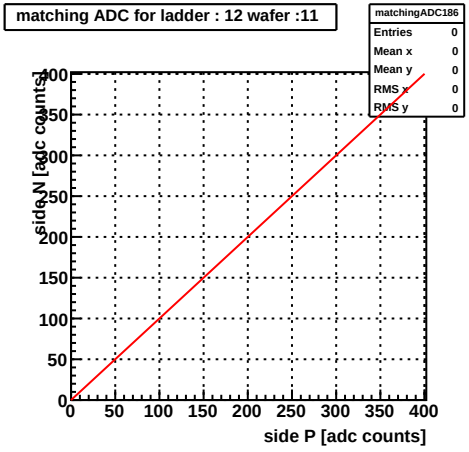

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1
Mean x 25
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

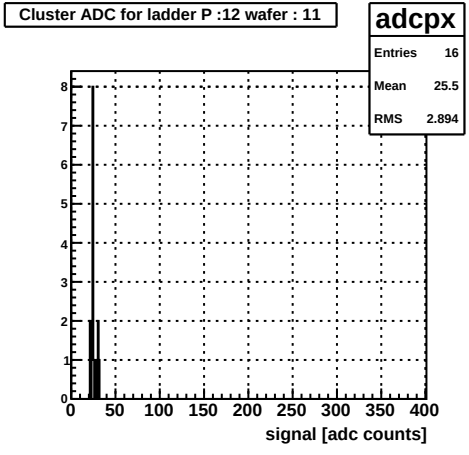

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 12
Mean 29.83
RMS 13.12
signal [adc counts]

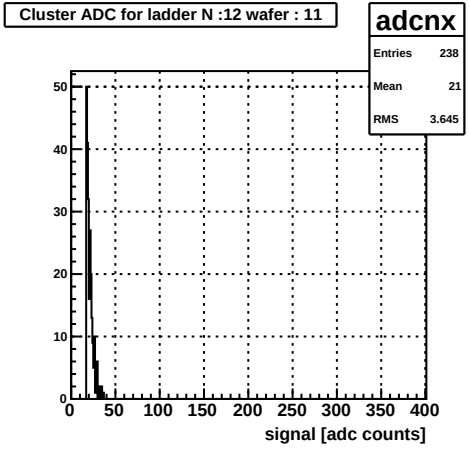

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 128
Mean 14.44
RMS 2.057
signal [adc counts]

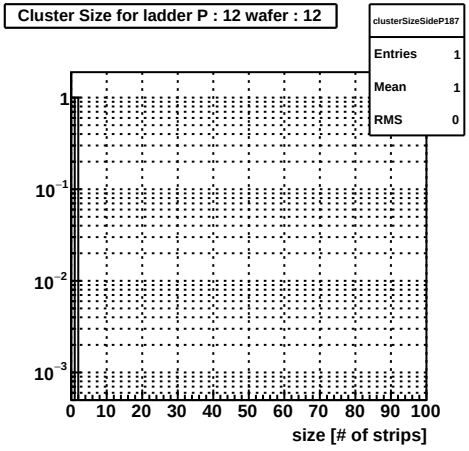

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16
Mean 1
RMS 0
size [# of strips]

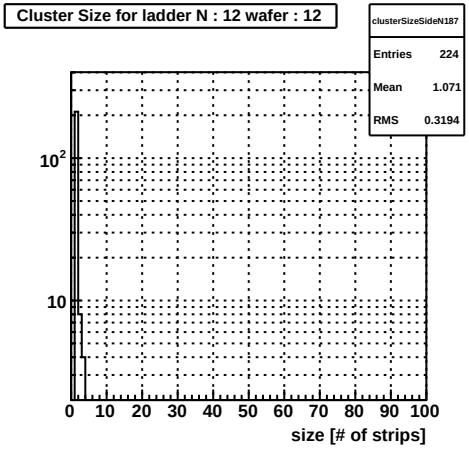

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 238
Mean 1
RMS 0
size [# of strips]

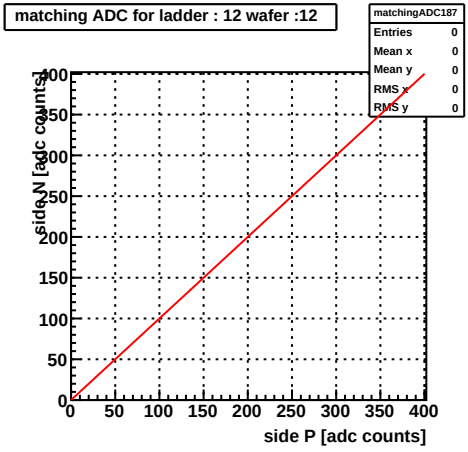

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

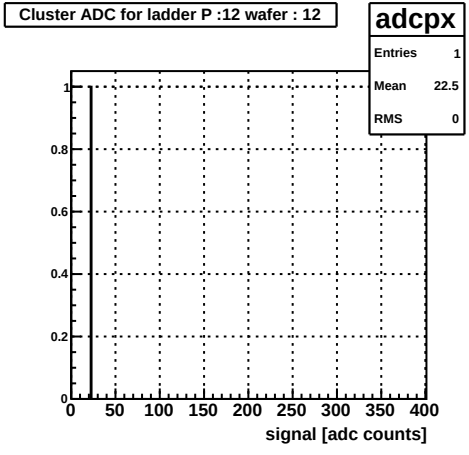

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16
Mean 25.5
RMS 2.894
signal [adc counts]

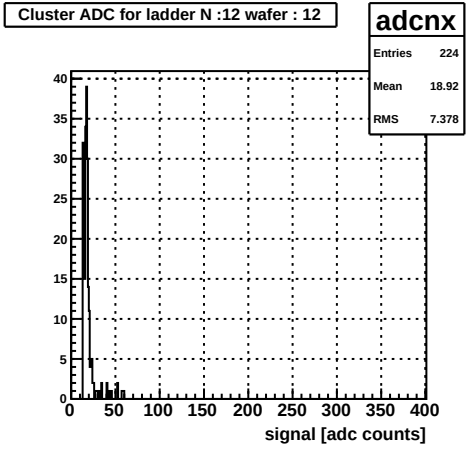

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 238
Mean 21
RMS 3.645
signal [adc counts]

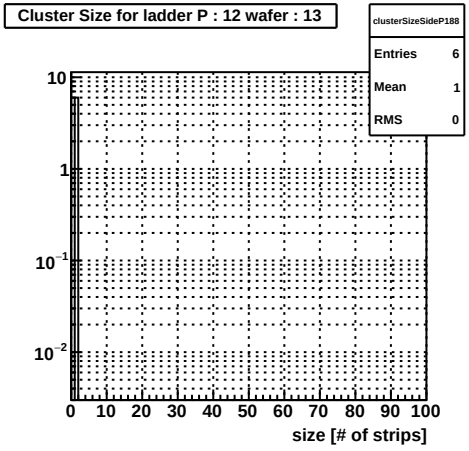

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1
Mean 1
RMS 0
size [# of strips]

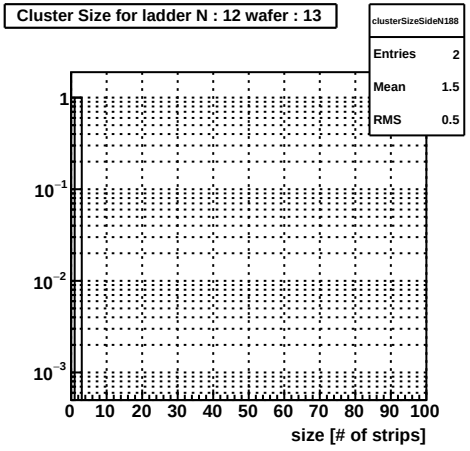

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 224
Mean 1.071
RMS 0.3194
size [# of strips]

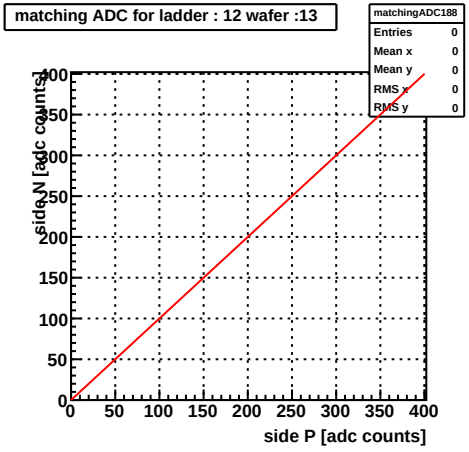

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

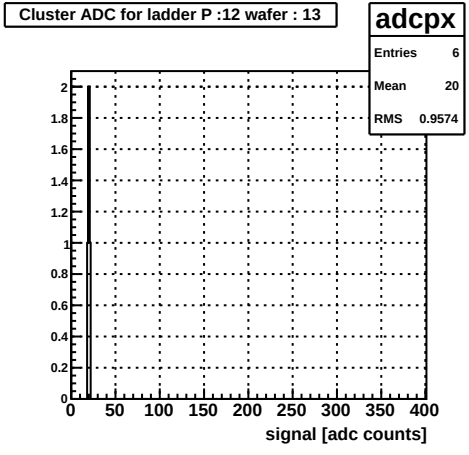

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1
Mean 22.5
RMS 0
signal [adc counts]

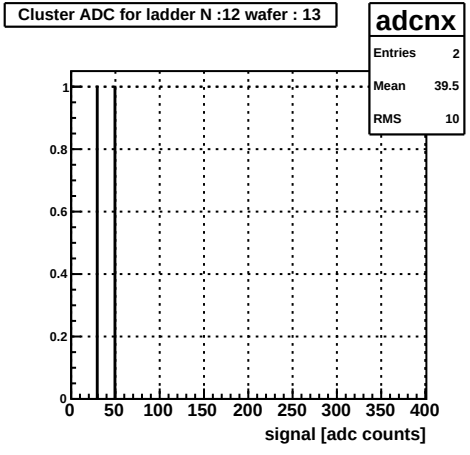

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 224
Mean 18.92
RMS 7.378
signal [adc counts]

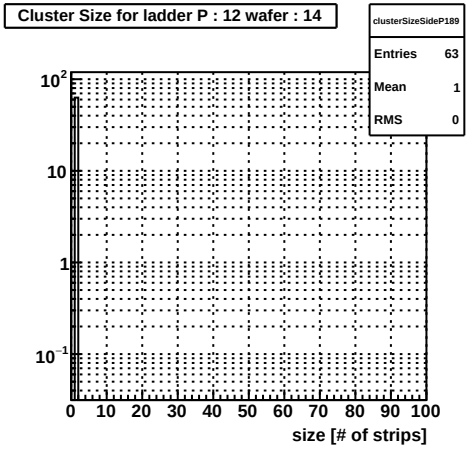

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 6
Mean 1
RMS 0
size [# of strips]

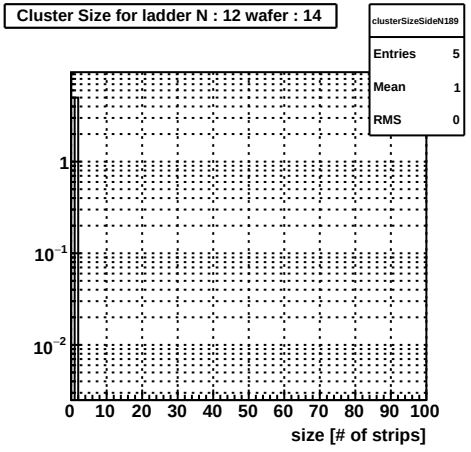

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

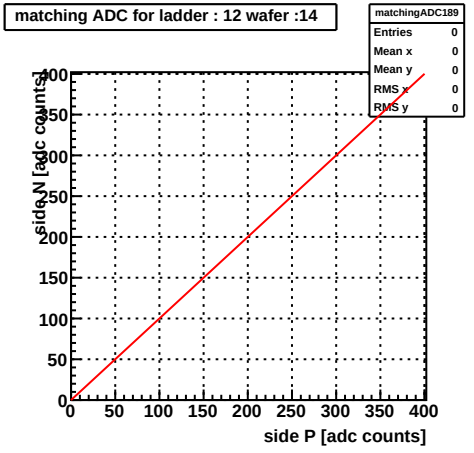

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

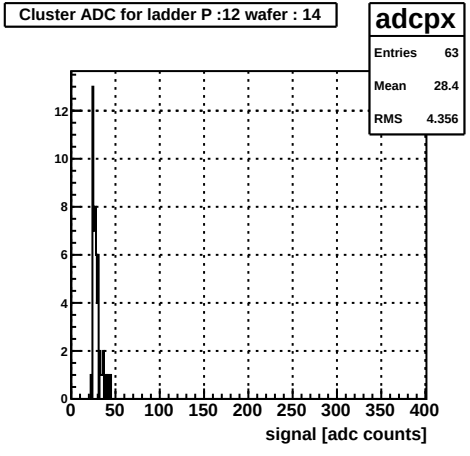

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 6
Mean 20
RMS 0.9574
signal [adc counts]

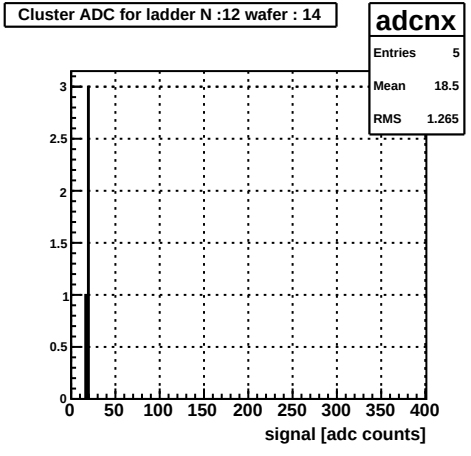

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 2
Mean 39.5
RMS 10
signal [adc counts]

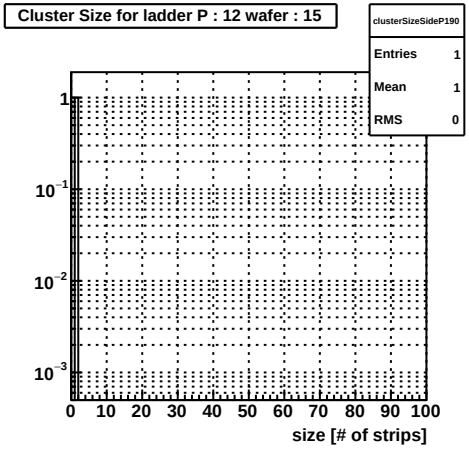

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 63
Mean 1
RMS 0
size [# of strips]

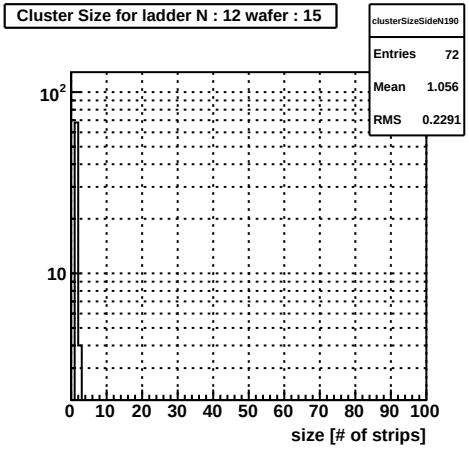

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 5
Mean 1
RMS 0
size [# of strips]

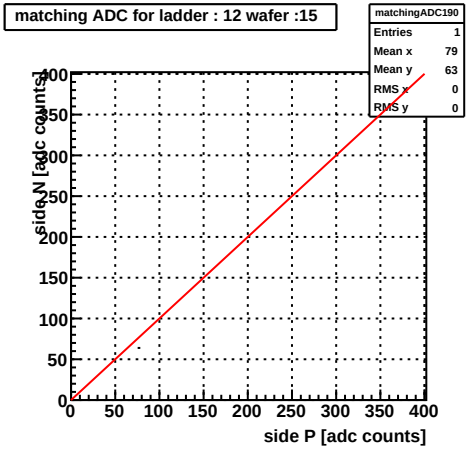

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

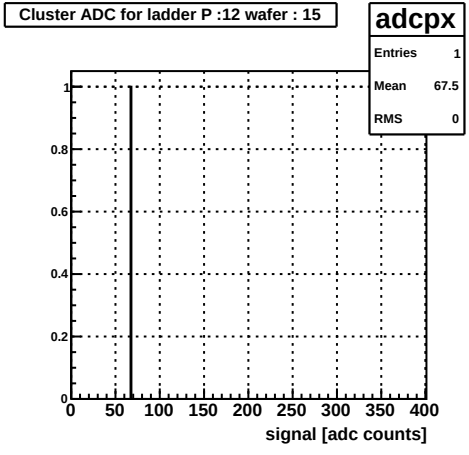

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 63
Mean 28.4
RMS 4.356
signal [adc counts]

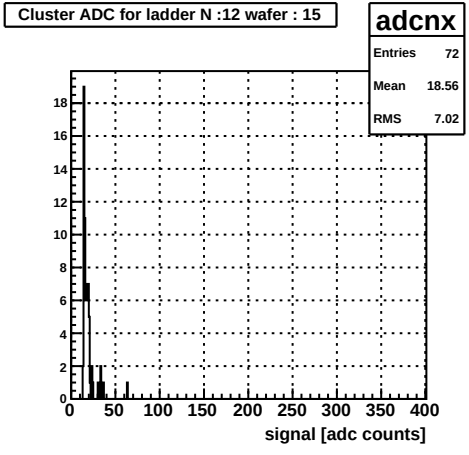

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 5
Mean 18.5
RMS 1.265
signal [adc counts]

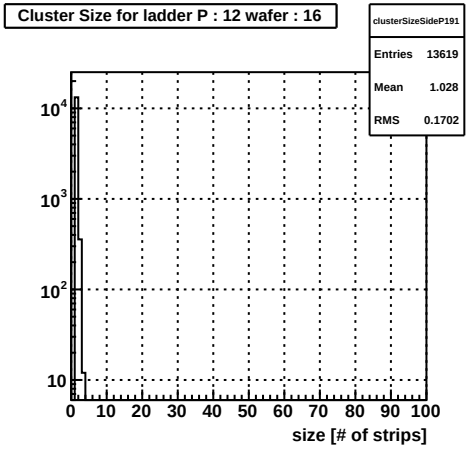

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1
Mean 1
RMS 0
size [# of strips]

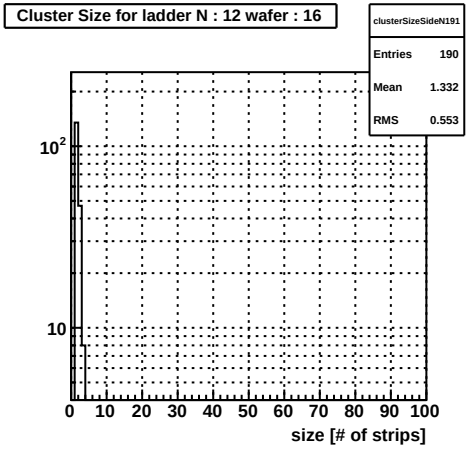

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 72
Mean 1.056
RMS 0.2291
size [# of strips]

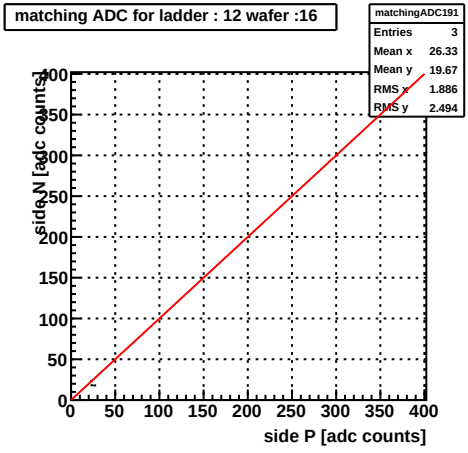

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1
Mean x 79
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

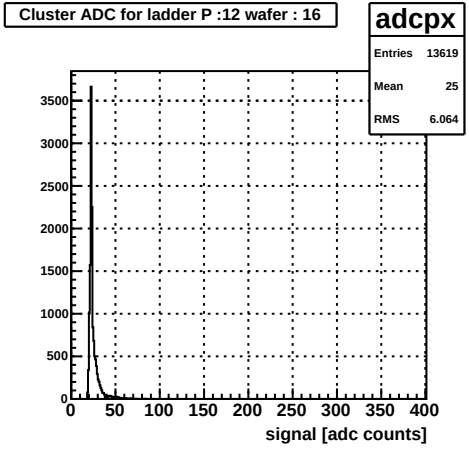

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1
Mean 67.5
RMS 0
signal [adc counts]

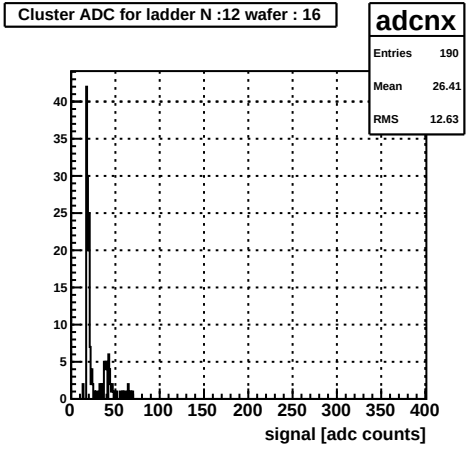

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 72
Mean 18.56
RMS 7.02
signal [adc counts]

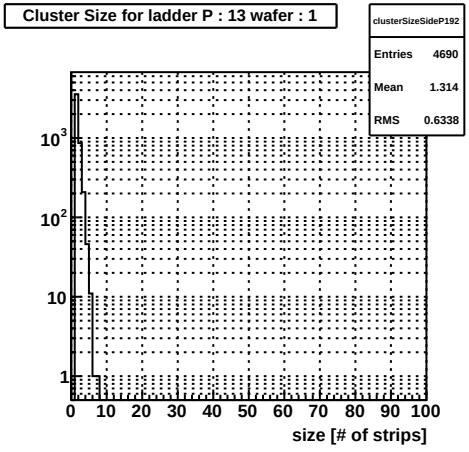

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 13619
Mean 1.028
RMS 0.1702
size [# of strips]

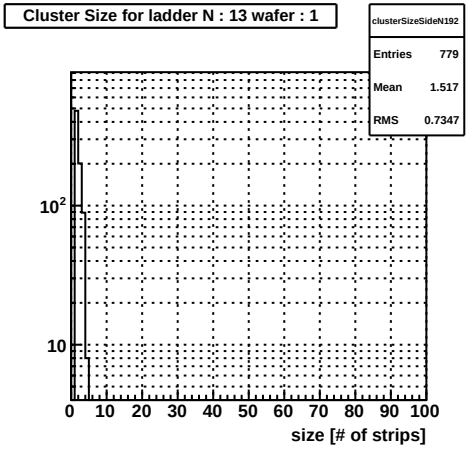

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 190
Mean 1.332
RMS 0.553
size [# of strips]

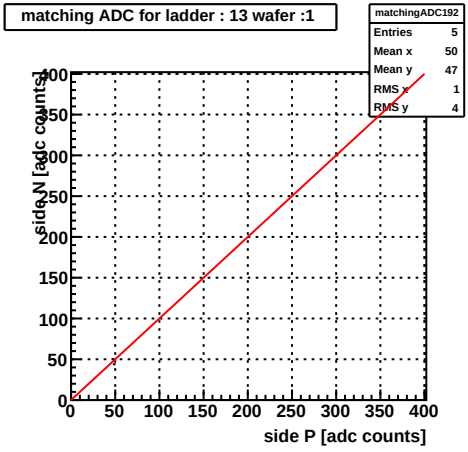

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 3
Mean x 26.33
Mean y 19.67
RMS x 1.886
RMS y 2.494
side N [adc counts]
side P [adc counts]

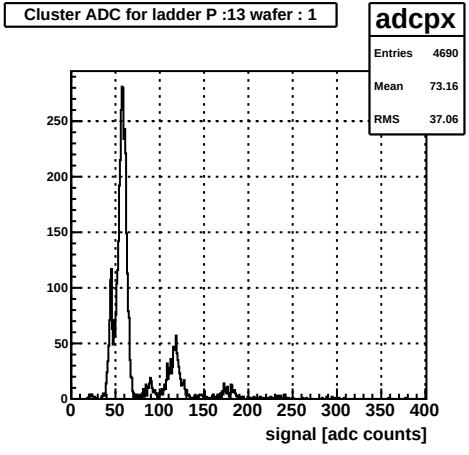

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 13619
Mean 25
RMS 6.064
signal [adc counts]

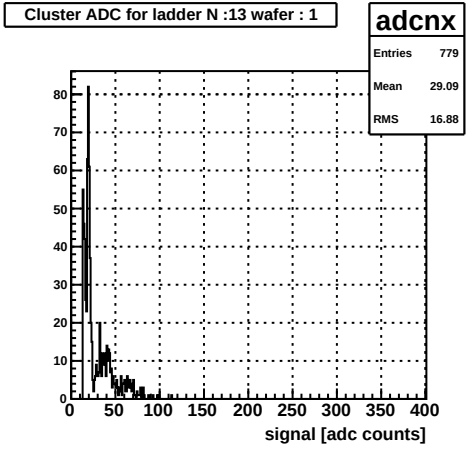

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 190
Mean 26.41
RMS 12.63
signal [adc counts]

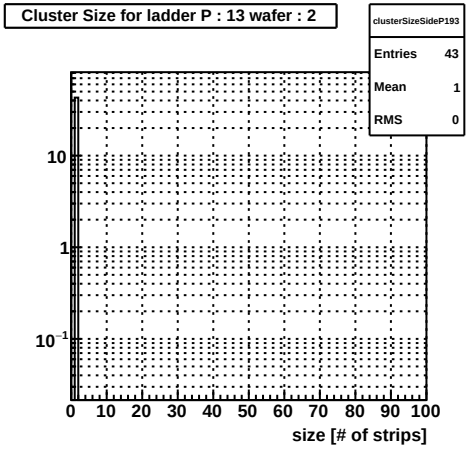

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4690
Mean 1.314
RMS 0.6338
size [# of strips]

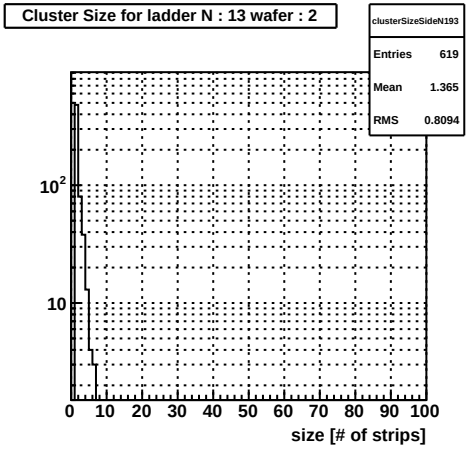

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 779
Mean 1.517
RMS 0.7347
size [# of strips]

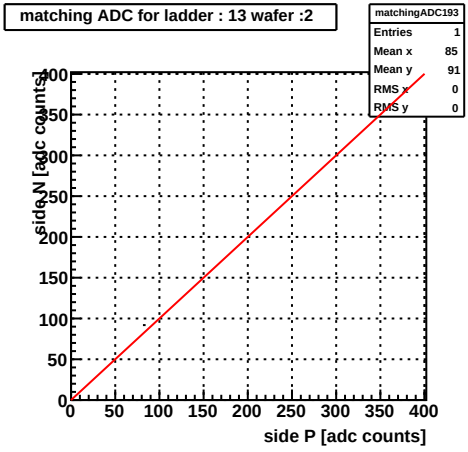

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 5
Mean x 50
Mean y 47
RMS x 1
RMS y 4
side N [adc counts]
side P [adc counts]

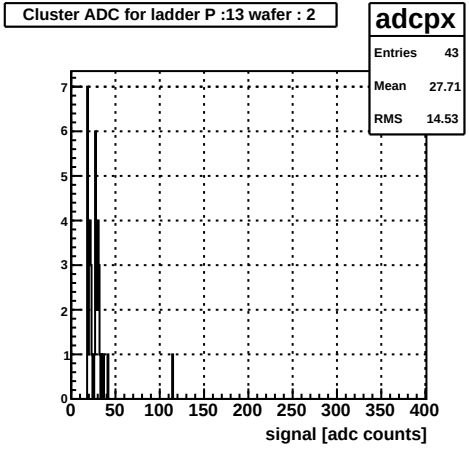

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4690
Mean 73.16
RMS 37.06
signal [adc counts]

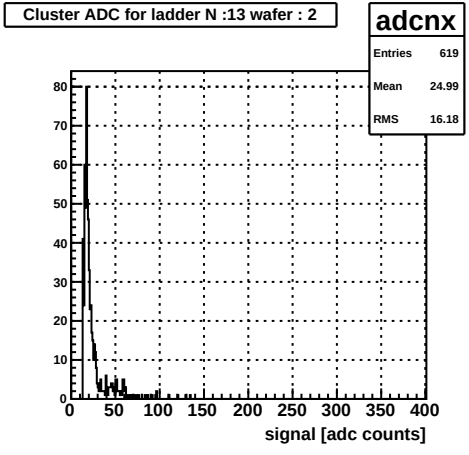

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 779
Mean 29.09
RMS 16.88
signal [adc counts]

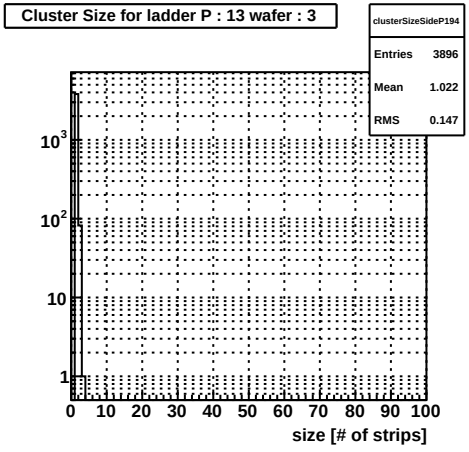

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 43
Mean 1
RMS 0
size [# of strips]

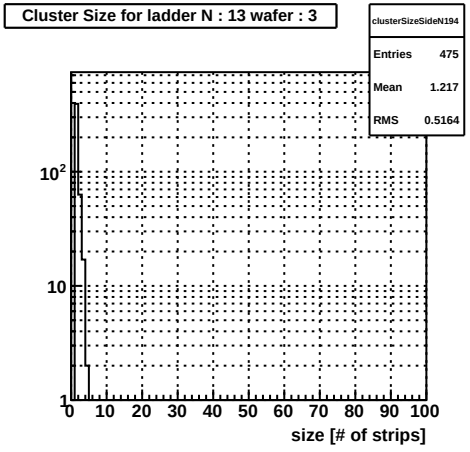

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 619
Mean 1.365
RMS 0.8094
size [# of strips]

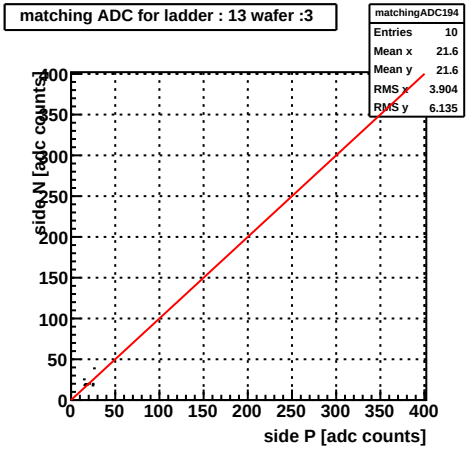

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1
Mean x 85
Mean y 91
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

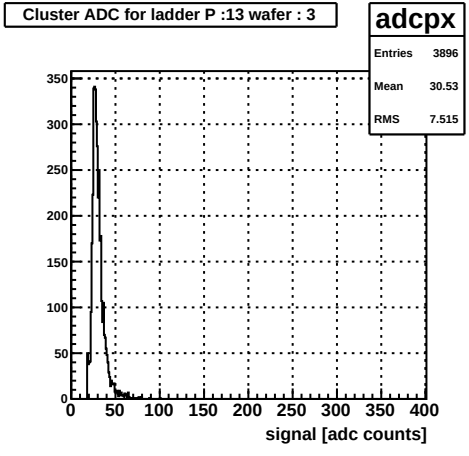

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 43
Mean 27.71
RMS 14.53
signal [adc counts]

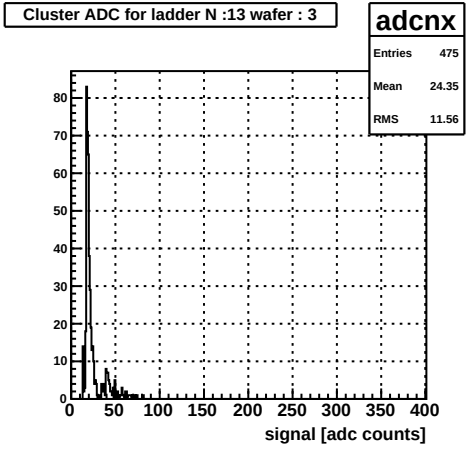

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 619
Mean 24.99
RMS 16.18
signal [adc counts]

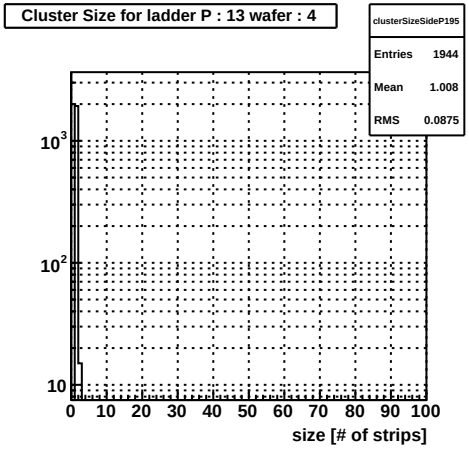

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3896
Mean 1.022
RMS 0.147
size [# of strips]

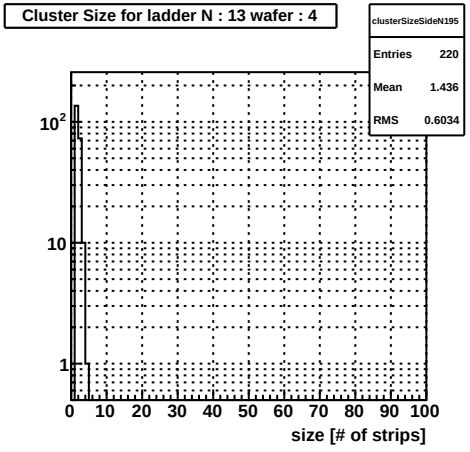

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 475
Mean 1.217
RMS 0.5164
size [# of strips]

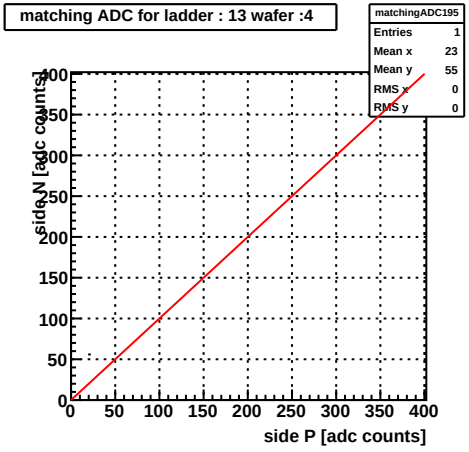

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 10
Mean x 21.6
Mean y 21.6
RMS x 3.904
RMS y 6.135
side N [adc counts]
side P [adc counts]

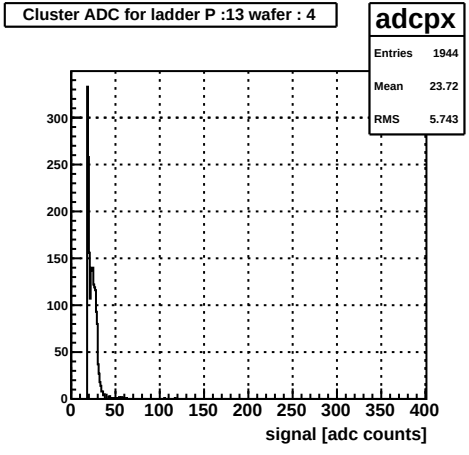

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3896
Mean 30.53
RMS 7.515
signal [adc counts]

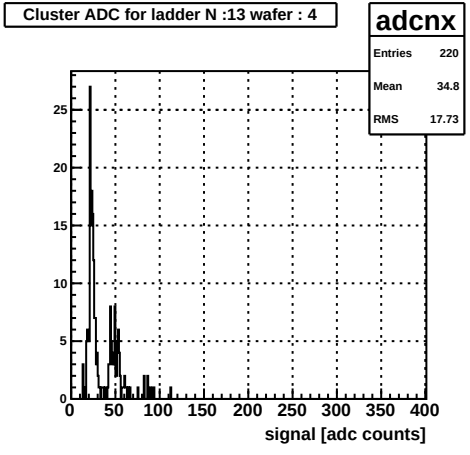

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 475
Mean 24.35
RMS 11.56
signal [adc counts]

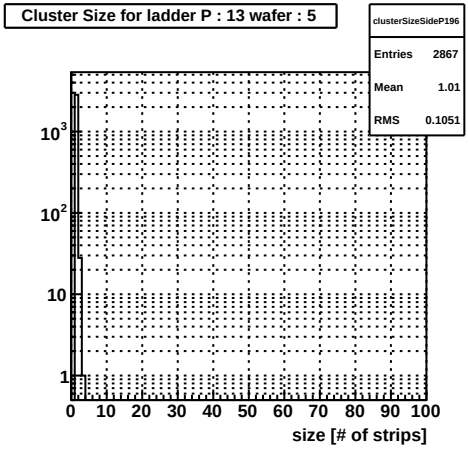

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 1944
Mean 1.008
RMS 0.0875
size [# of strips]

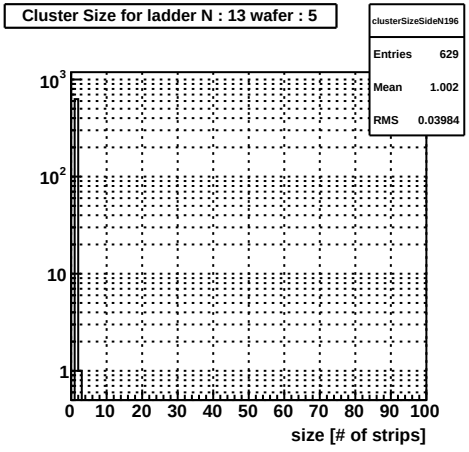

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 220
Mean 1.436
RMS 0.6034
size [# of strips]

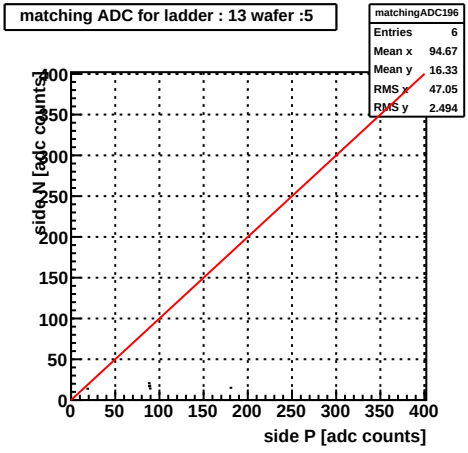

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1
Mean x 23
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

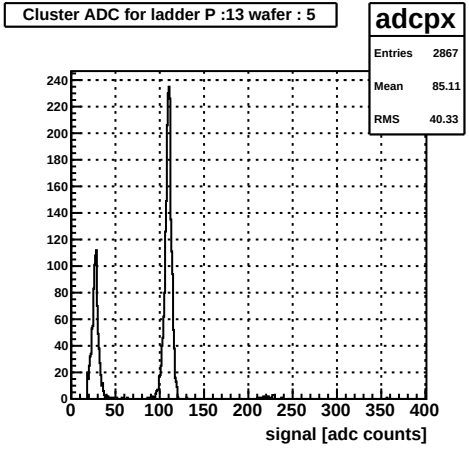

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 1944
Mean 23.72
RMS 5.743
signal [adc counts]

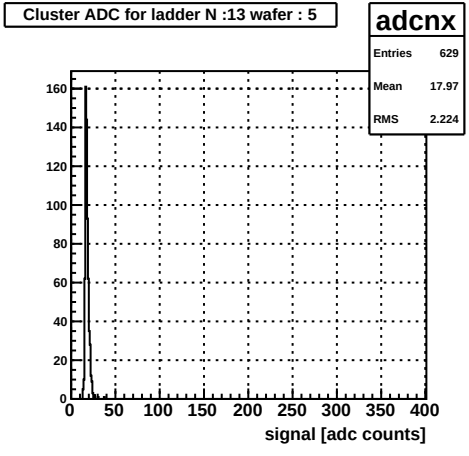

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 220
Mean 34.8
RMS 17.73
signal [adc counts]

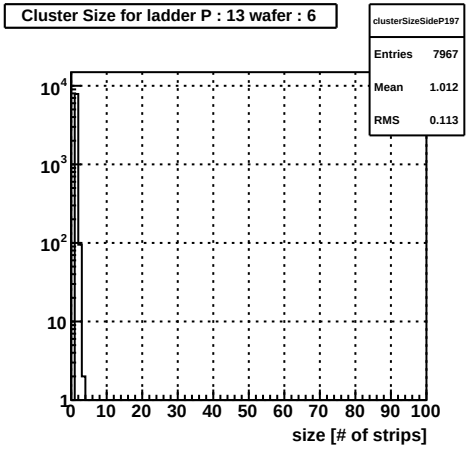

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2867
Mean 1.01
RMS 0.1051
size [# of strips]

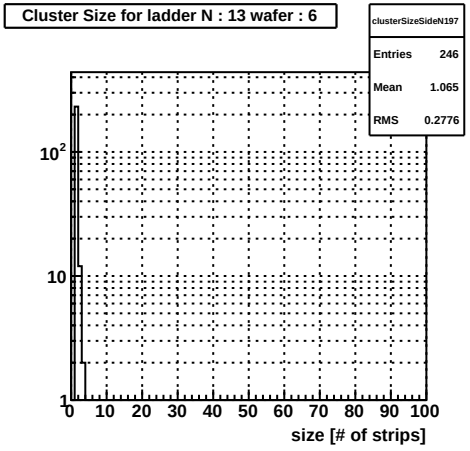

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 629
Mean 1.002
RMS 0.03984
size [# of strips]

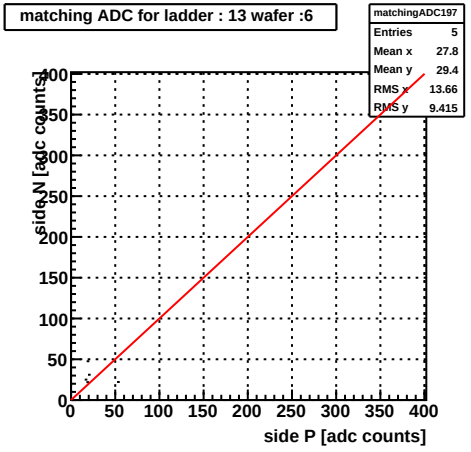

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 6
Mean x 94.67
Mean y 16.33
RMS x 47.05
RMS y 2.494
side N [adc counts]
side P [adc counts]

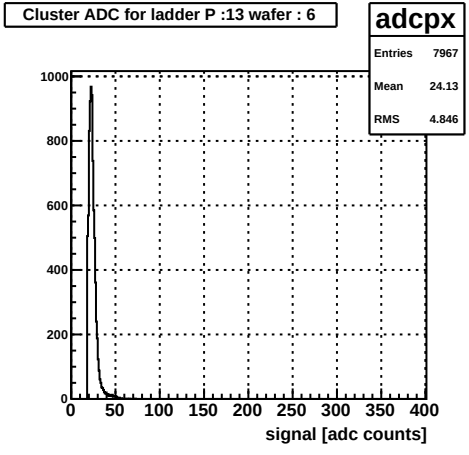

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2867
Mean 85.11
RMS 40.33
signal [adc counts]

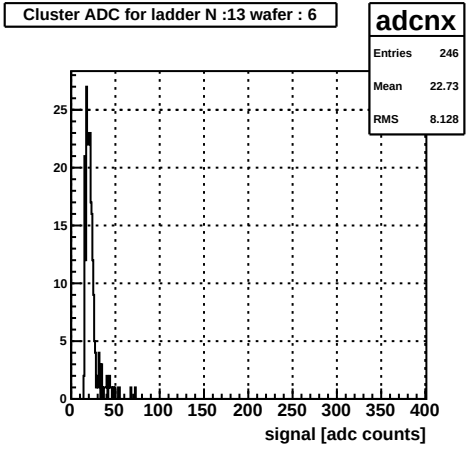

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 629
Mean 17.97
RMS 2.224
signal [adc counts]

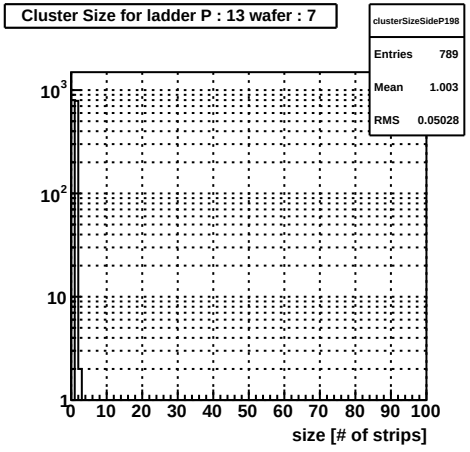

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7967
Mean 1.012
RMS 0.113
size [# of strips]

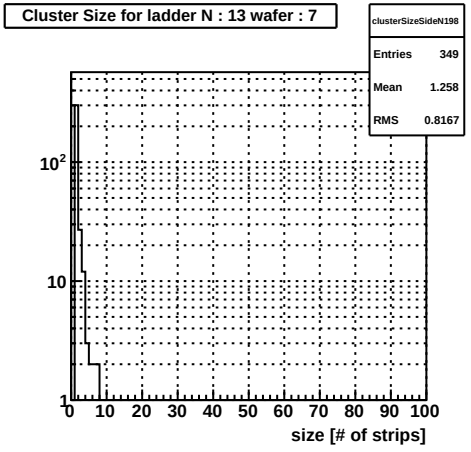

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 246
Mean 1.065
RMS 0.2776
size [# of strips]

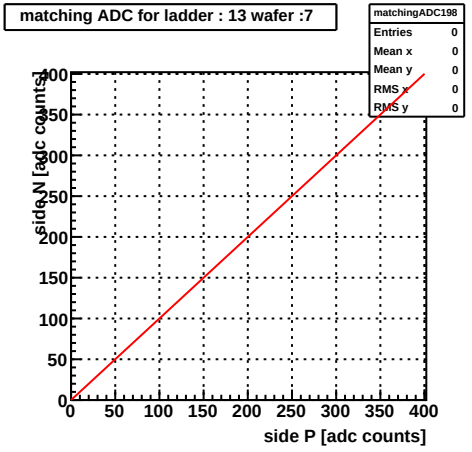

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 5
Mean x 27.8
Mean y 29.4
RMS x 13.66
RMS y 9.415
side N [adc counts]
side P [adc counts]

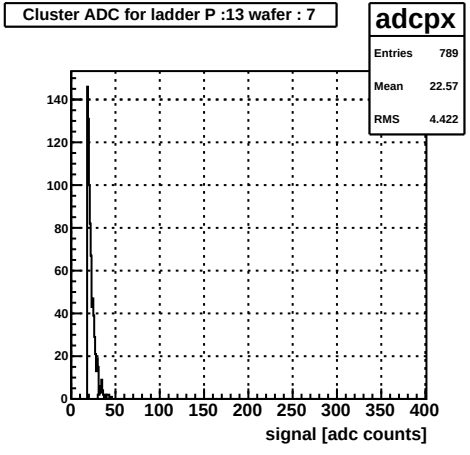

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7967
Mean 24.13
RMS 4.846
signal [adc counts]

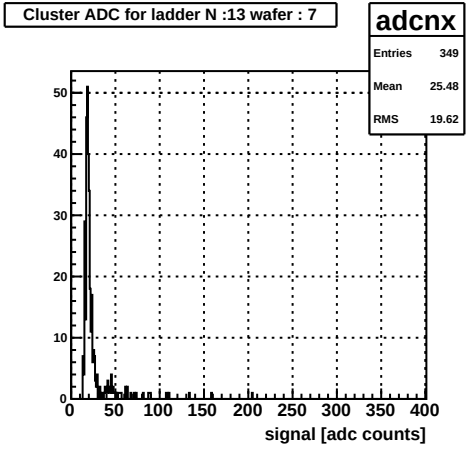

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 246
Mean 22.73
RMS 8.128
signal [adc counts]

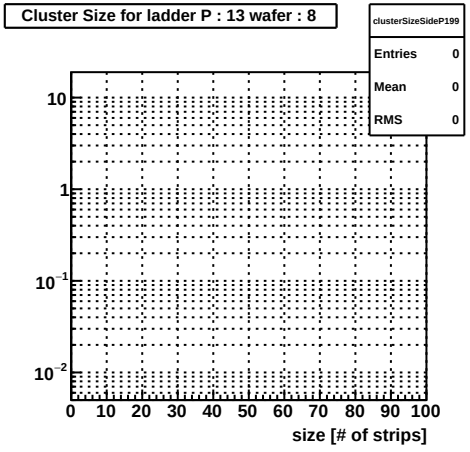

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 789
Mean 1.003
RMS 0.05028
size [# of strips]

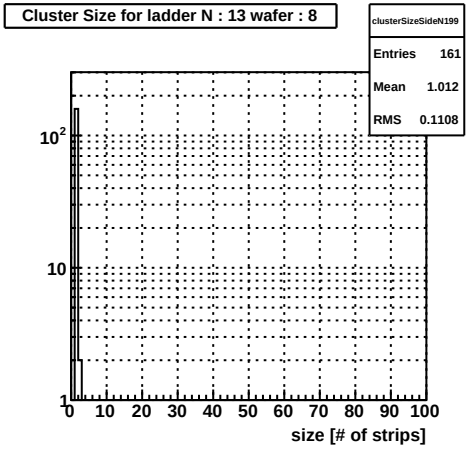

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 349
Mean 1.258
RMS 0.8167
size [# of strips]

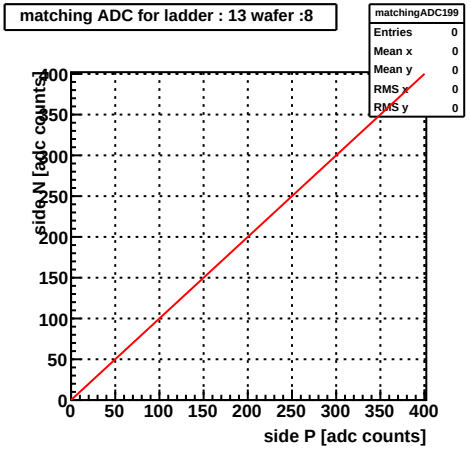

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

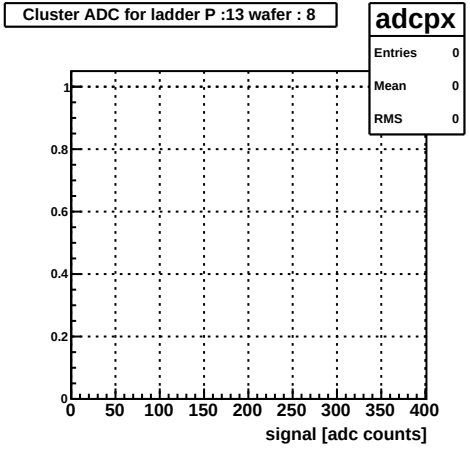

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 789
Mean 22.57
RMS 4.422
signal [adc counts]

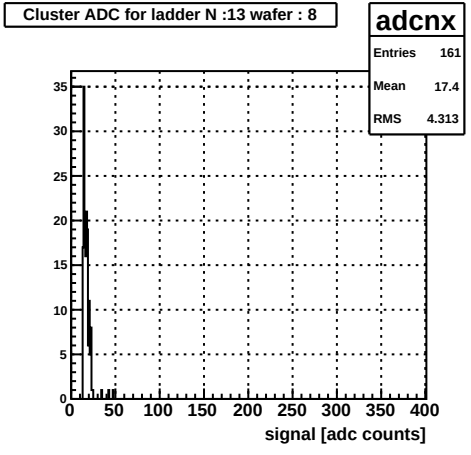

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 349
Mean 25.48
RMS 19.62
signal [adc counts]

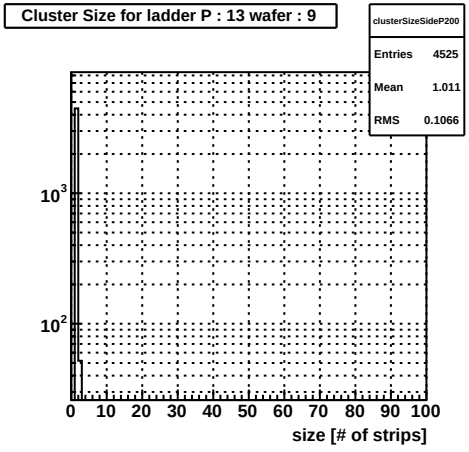

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 0
Mean 0
RMS 0
size [# of strips]

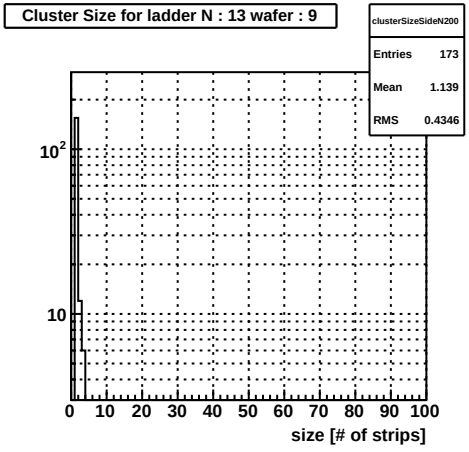

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 161
Mean 1.012
RMS 0.1108
size [# of strips]

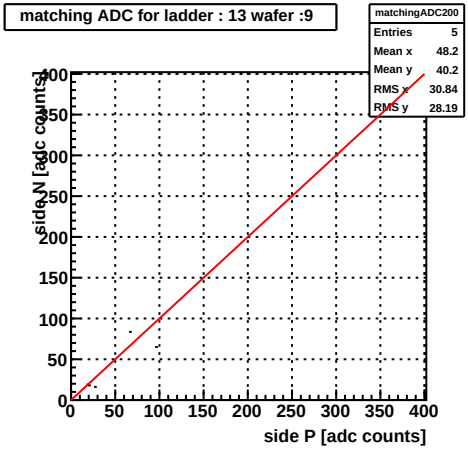

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

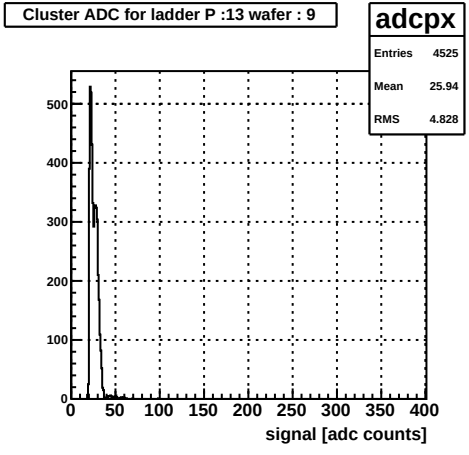

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

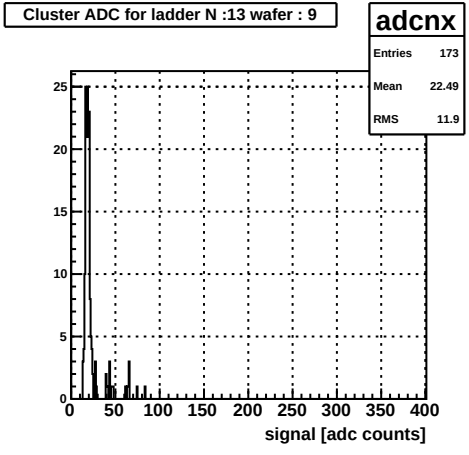

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 161
Mean 17.4
RMS 4.313
signal [adc counts]

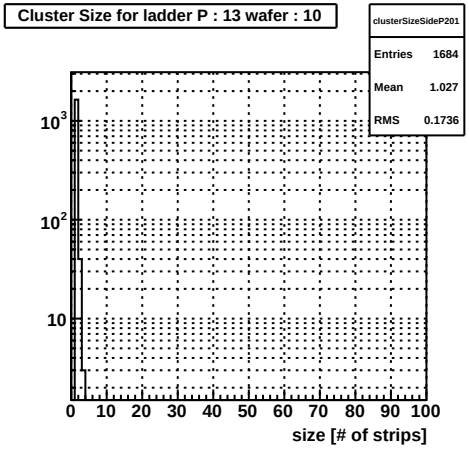

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4525
Mean 1.011
RMS 0.1066
size [# of strips]

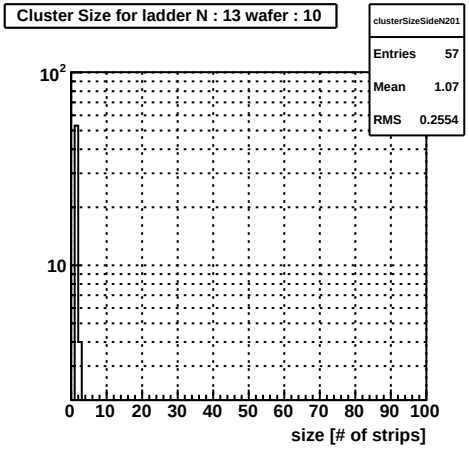

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 173
Mean 1.139
RMS 0.4346
size [# of strips]

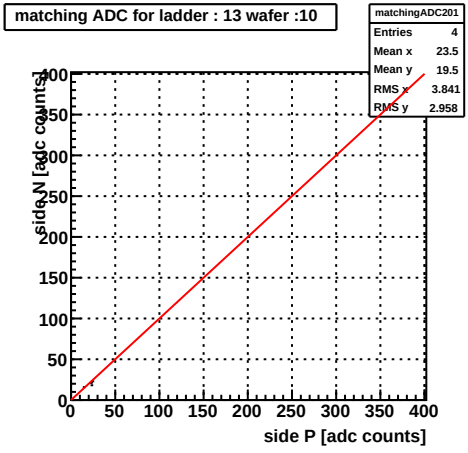

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 5
Mean x 48.2
Mean y 40.2
RMS x 30.84
RMS y 28.19
side N [adc counts]
side P [adc counts]

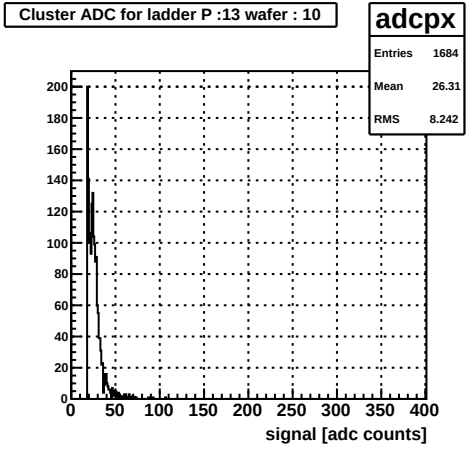

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4525
Mean 25.94
RMS 4.828
signal [adc counts]

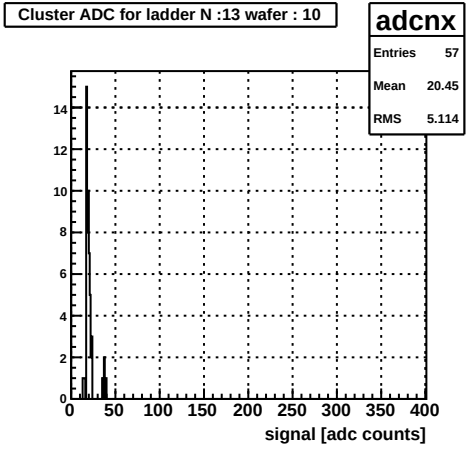

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 173
Mean 22.49
RMS 11.9
signal [adc counts]

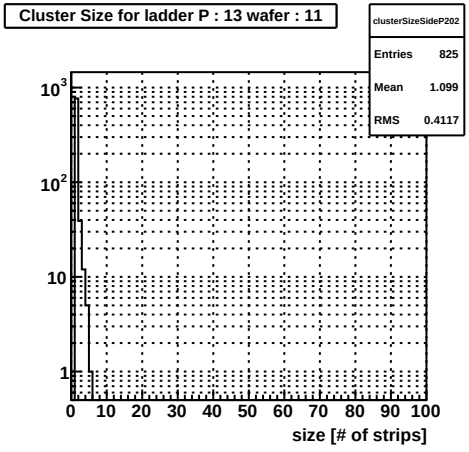

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1684
Mean 1.027
RMS 0.1736
size [# of strips]

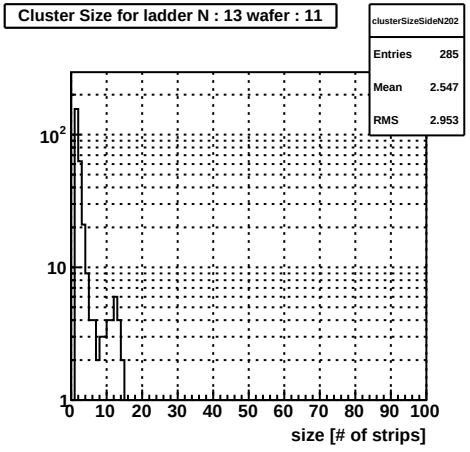

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 57
Mean 1.07
RMS 0.2554
size [# of strips]

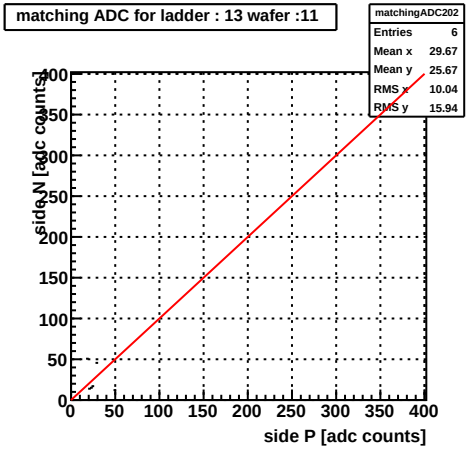

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 4
Mean x 23.5
Mean y 19.5
RMS x 3.841
RMS y 2.958
side N [adc counts]
side P [adc counts]

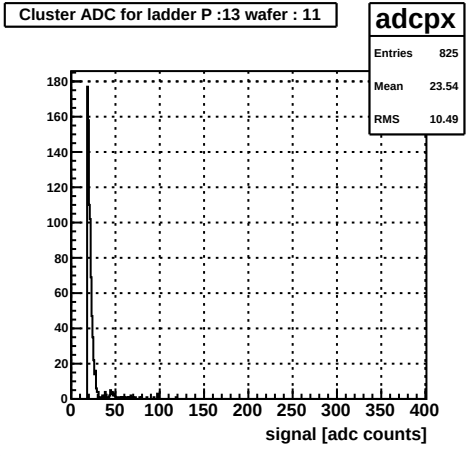

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1684
Mean 26.31
RMS 8.242
signal [adc counts]

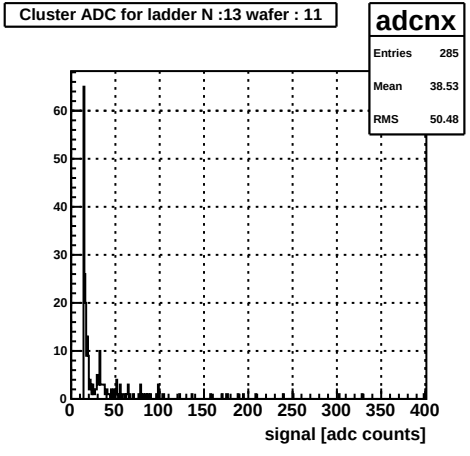

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 57
Mean 20.45
RMS 5.114
signal [adc counts]

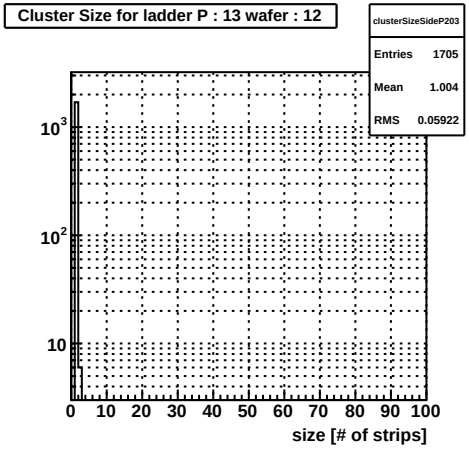

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 825
Mean 1.099
RMS 0.4117
size [# of strips]

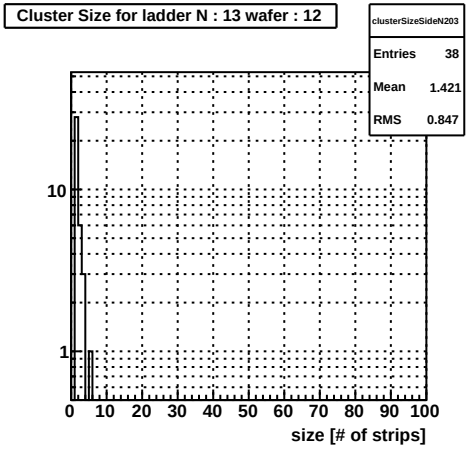

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 285
Mean 2.547
RMS 2.953
size [# of strips]

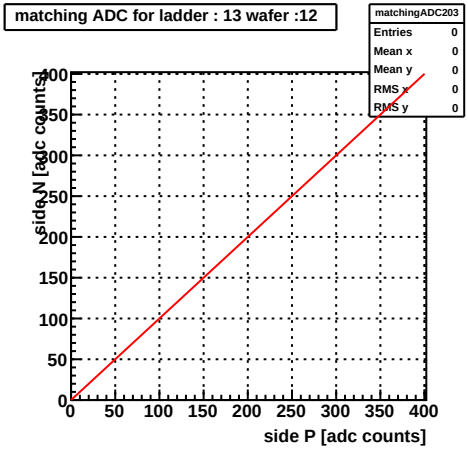

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 6
Mean x 29.67
Mean y 25.67
RMS x 10.04
RMS y 15.94
side N [adc counts]
side P [adc counts]

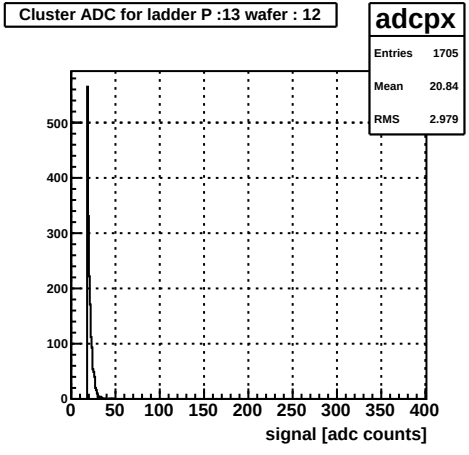

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 825
Mean 23.54
RMS 10.49
signal [adc counts]

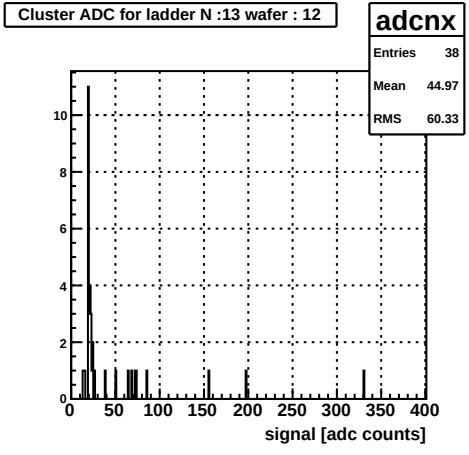

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 285
Mean 38.53
RMS 50.48
signal [adc counts]

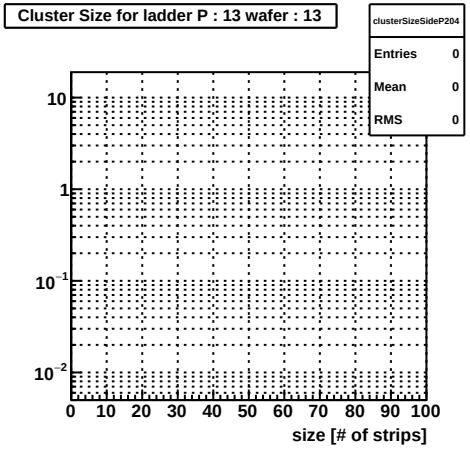

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1705
Mean 1.004
RMS 0.05922
size [# of strips]

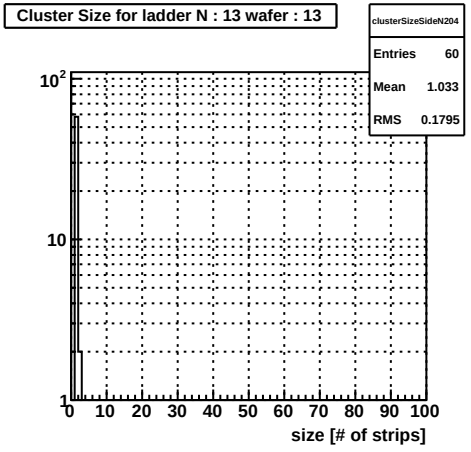

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 38
Mean 1.421
RMS 0.847
size [# of strips]

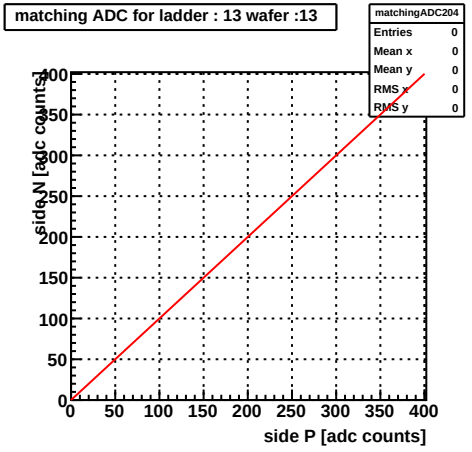

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

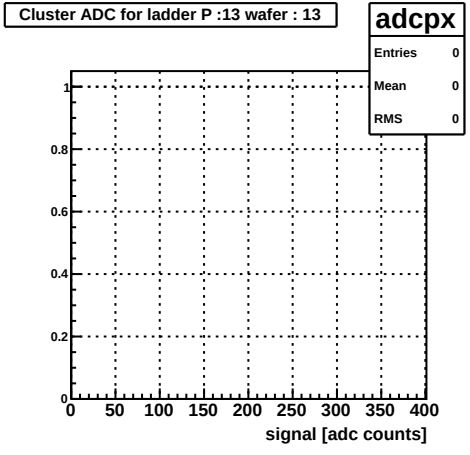

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1705
Mean 20.84
RMS 2.979
signal [adc counts]

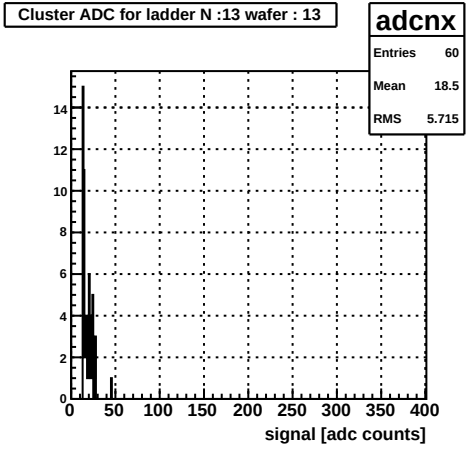

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 38
Mean 44.97
RMS 60.33
signal [adc counts]

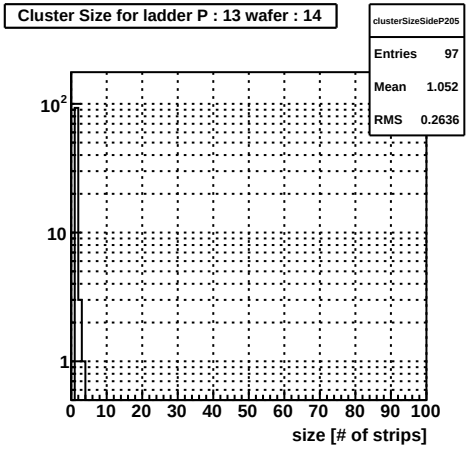

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

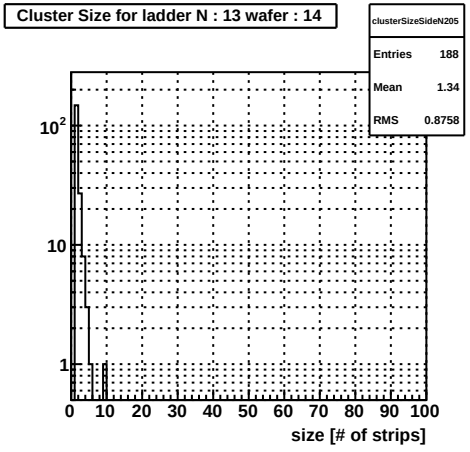

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 60
Mean 1.033
RMS 0.1795
size [# of strips]

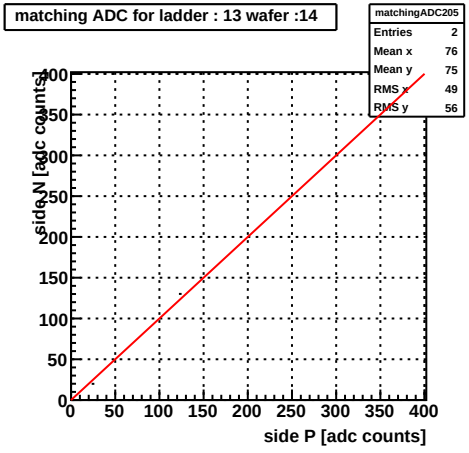

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

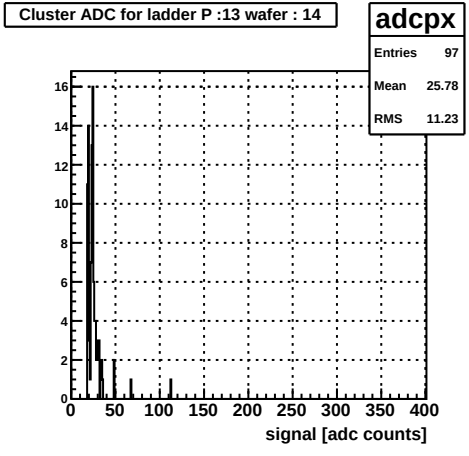

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

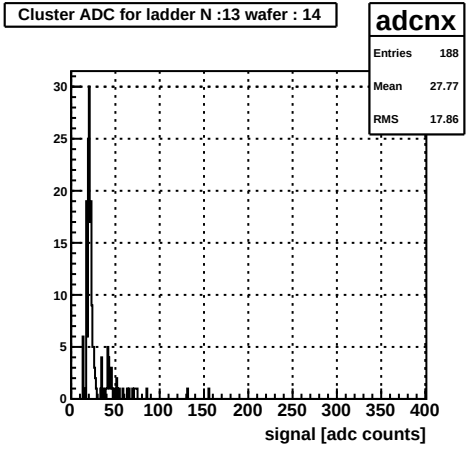

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 60
Mean 18.5
RMS 5.715
signal [adc counts]

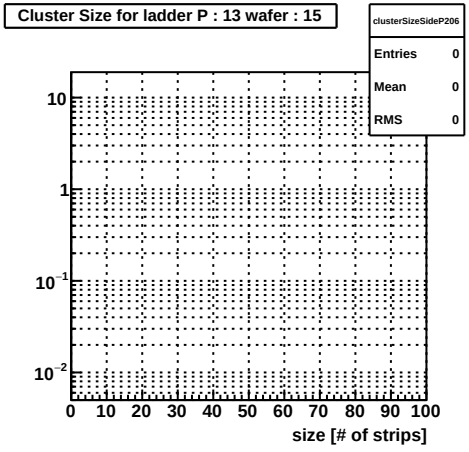

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 97
Mean 1.052
RMS 0.2636
size [# of strips]

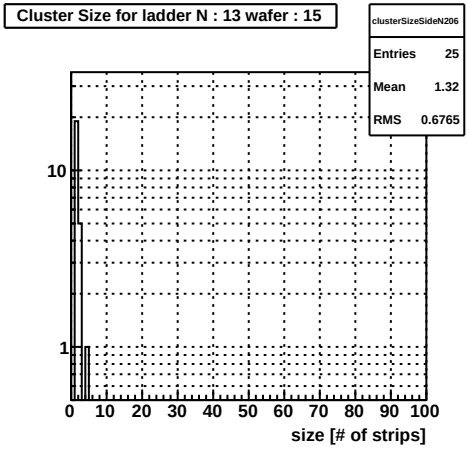

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 188
Mean 1.34
RMS 0.8758
size [# of strips]

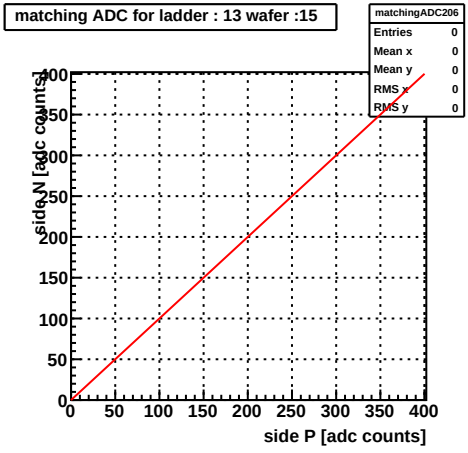

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 2
Mean x 76
Mean y 75
RMS x 49
RMS y 56
side N [adc counts]
side P [adc counts]

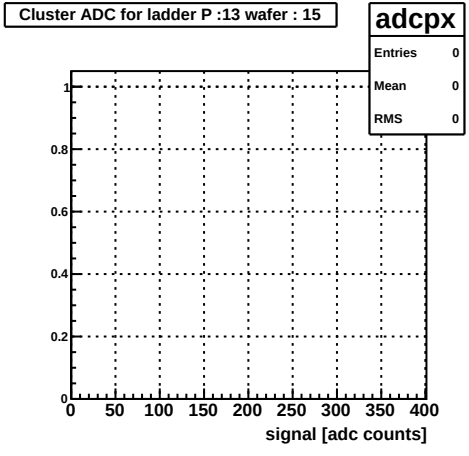

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 97
Mean 25.78
RMS 11.23
signal [adc counts]

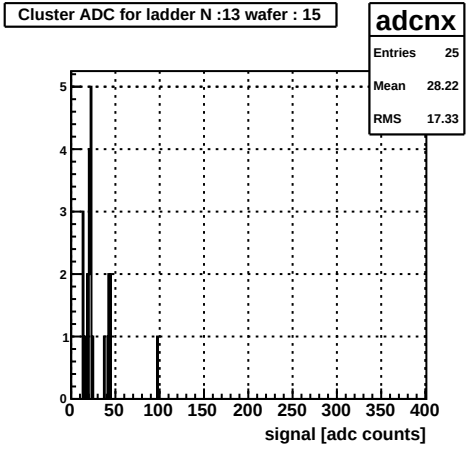

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 188
Mean 27.77
RMS 17.86
signal [adc counts]

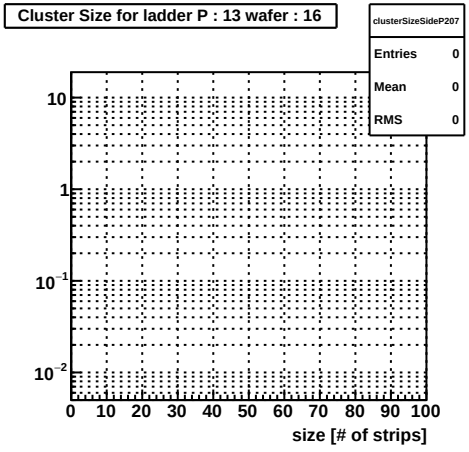

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 0
Mean 0
RMS 0
size [# of strips]

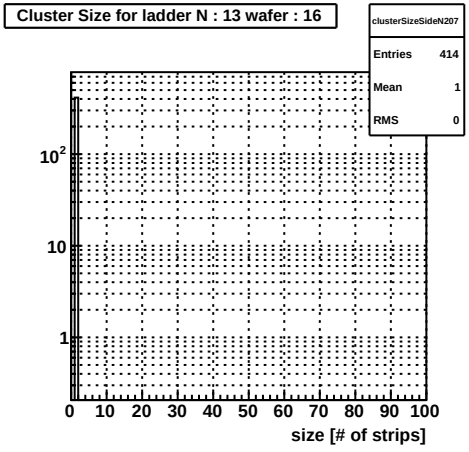

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 25
Mean 1.32
RMS 0.6765
size [# of strips]

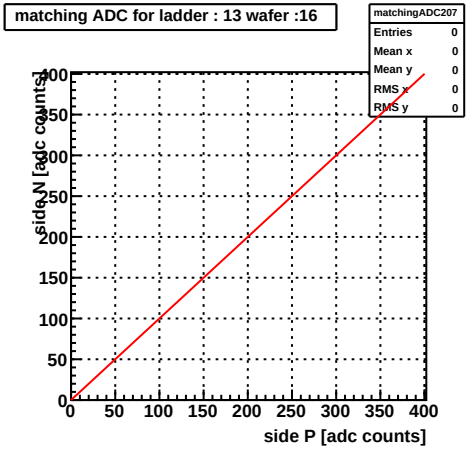

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

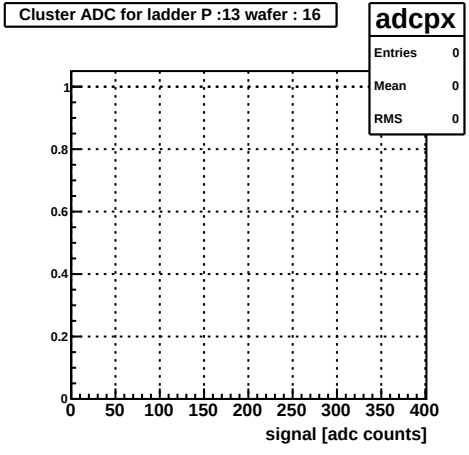

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

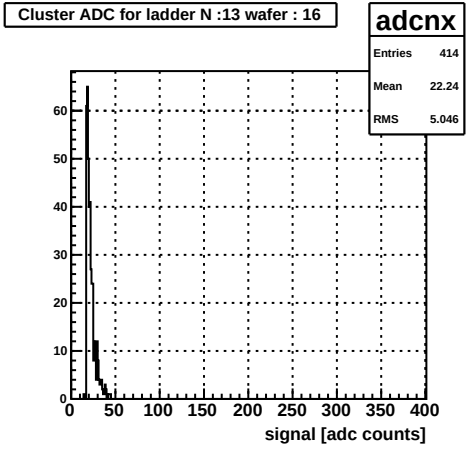

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 25
Mean 28.22
RMS 17.33
signal [adc counts]

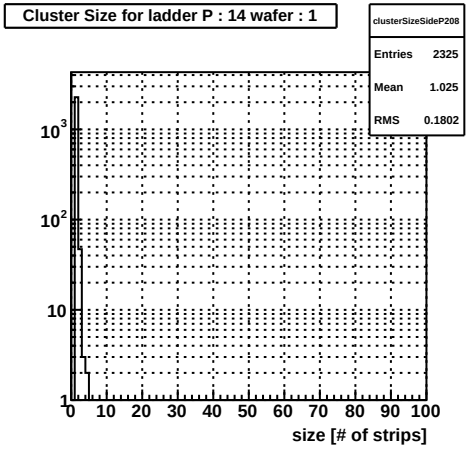

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 0
Mean 0
RMS 0
size [# of strips]

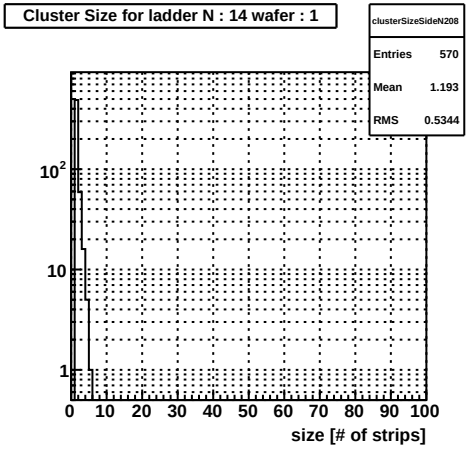

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 414
Mean 1
RMS 0
size [# of strips]

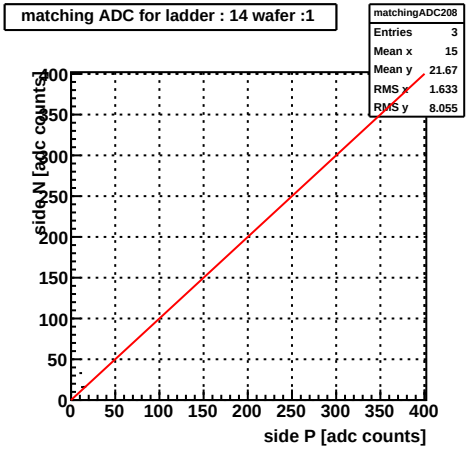

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

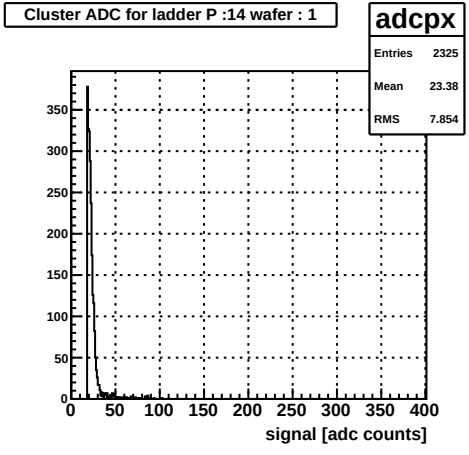

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

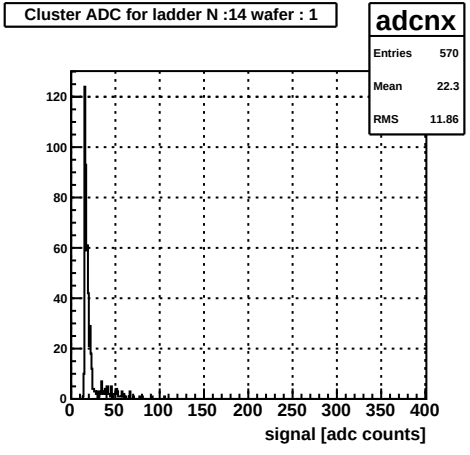

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 414
Mean 22.24
RMS 5.046
signal [adc counts]

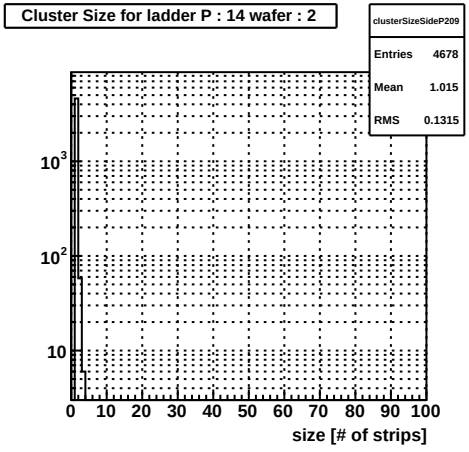

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2325
Mean 1.025
RMS 0.1802
size [# of strips]

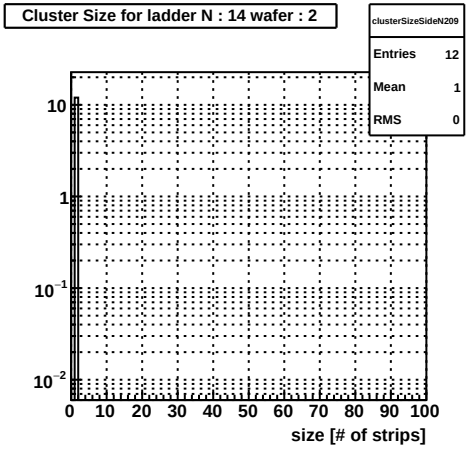

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 570
Mean 1.193
RMS 0.5344
size [# of strips]

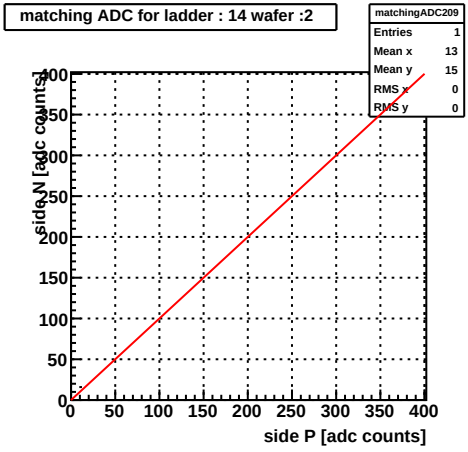

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 3
Mean x 15
Mean y 21.67
RMS x 1.633
RMS y 8.055
side N [adc counts]
side P [adc counts]

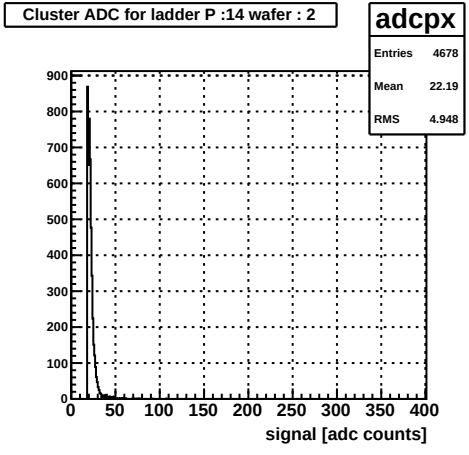

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2325
Mean 23.38
RMS 7.854
signal [adc counts]

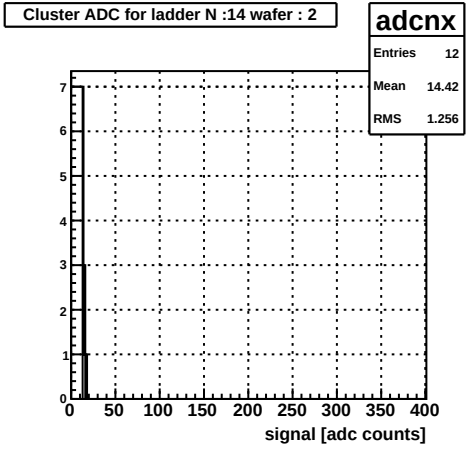

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 570
Mean 22.3
RMS 11.86
signal [adc counts]

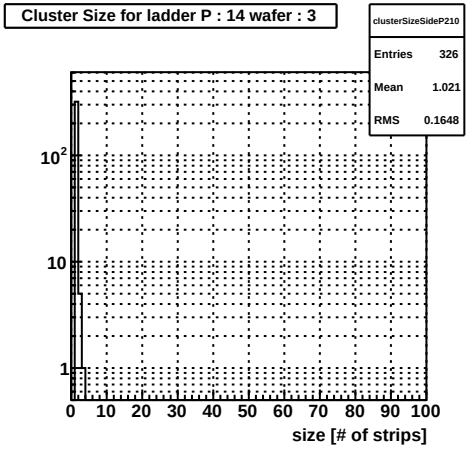

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4678
Mean 1.015
RMS 0.1315
size [# of strips]

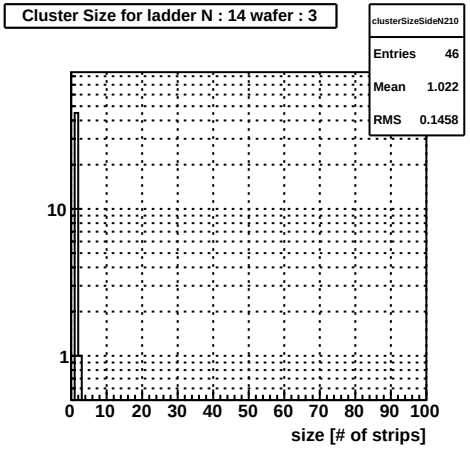

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 12
Mean 1
RMS 0
size [# of strips]

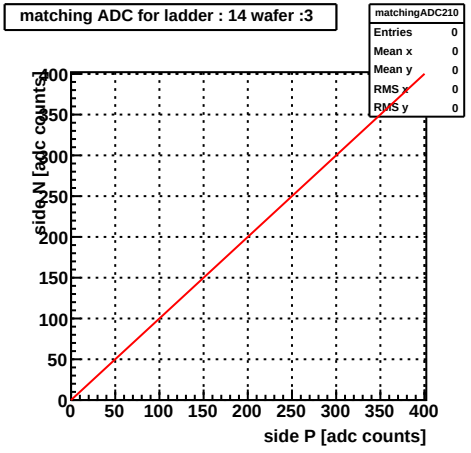

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1
Mean x 13
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

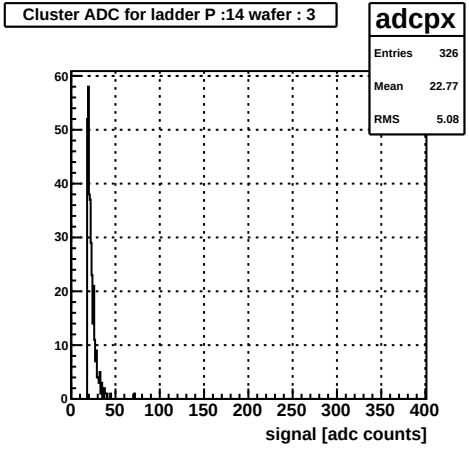

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4678
Mean 22.19
RMS 4.948
signal [adc counts]

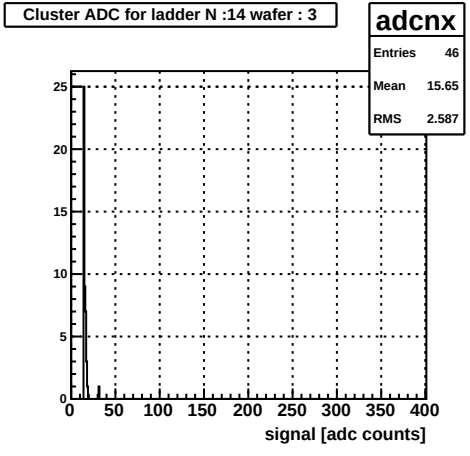

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 12
Mean 14.42
RMS 1.256
signal [adc counts]

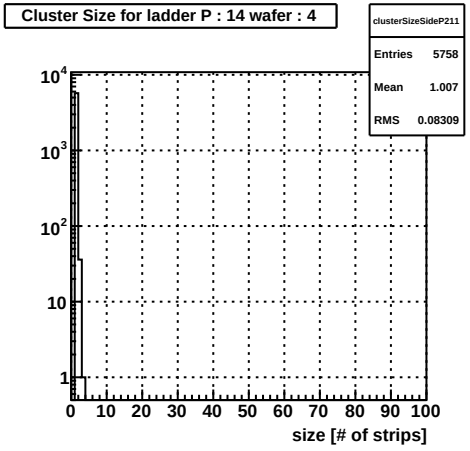

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 326
Mean 1.021
RMS 0.1648
size [# of strips]

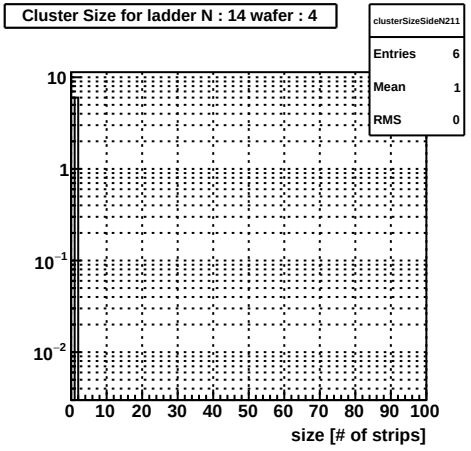

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 46
Mean 1.022
RMS 0.1458
size [# of strips]

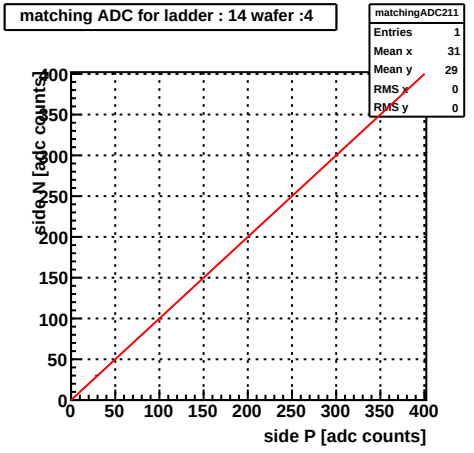

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

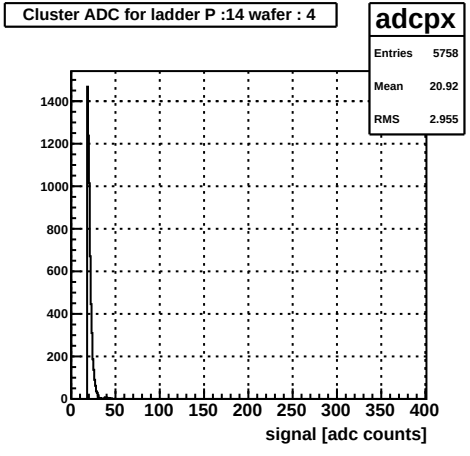

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 326
Mean 22.77
RMS 5.08
signal [adc counts]

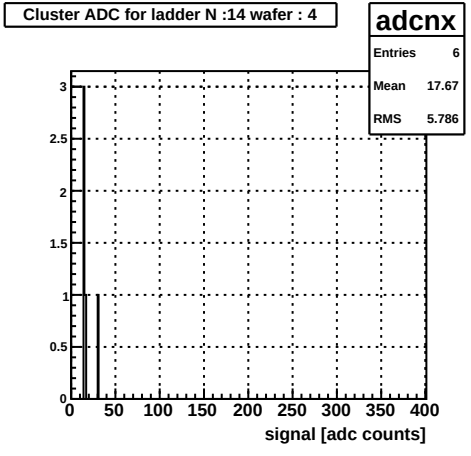

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 46
Mean 15.65
RMS 2.587
signal [adc counts]

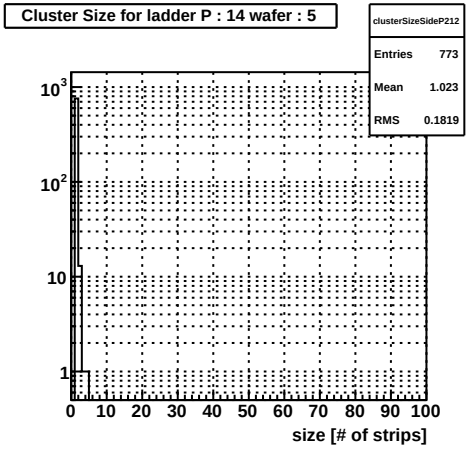

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5758
Mean 1.007
RMS 0.08309
size [# of strips]

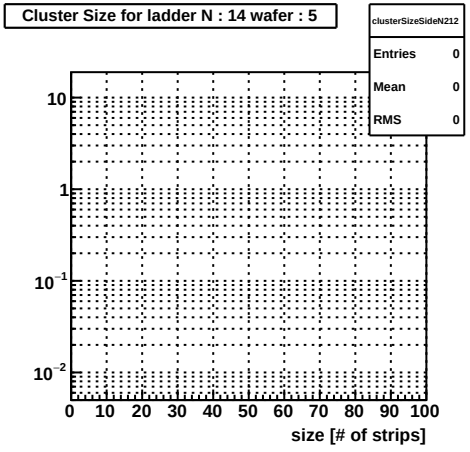

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6
Mean 1
RMS 0
size [# of strips]

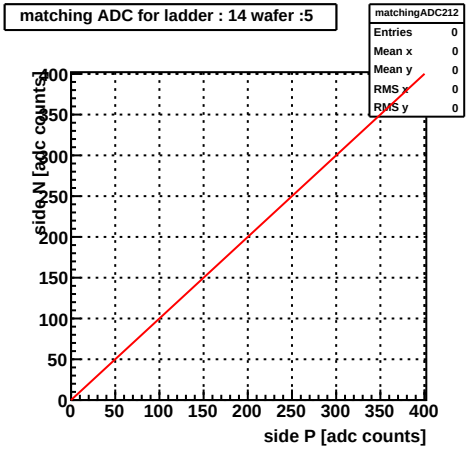

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1
Mean x 31
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

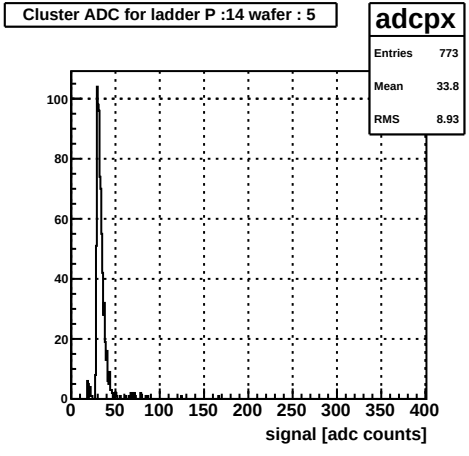

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5758
Mean 20.92
RMS 2.955
signal [adc counts]

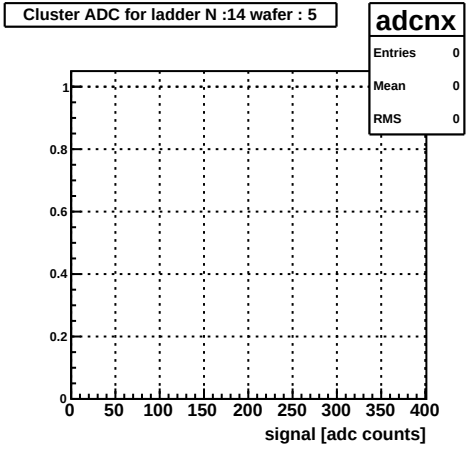

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6
Mean 17.67
RMS 5.786
signal [adc counts]

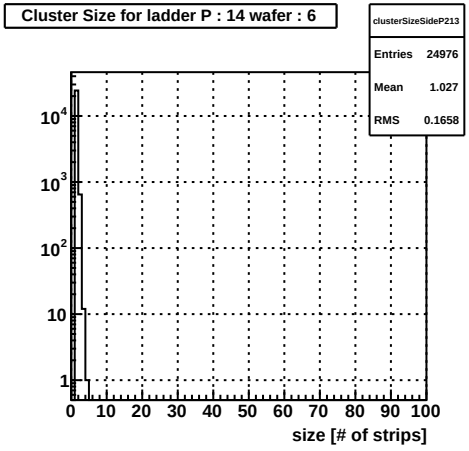

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 773
Mean 1.023
RMS 0.1819
size [# of strips]

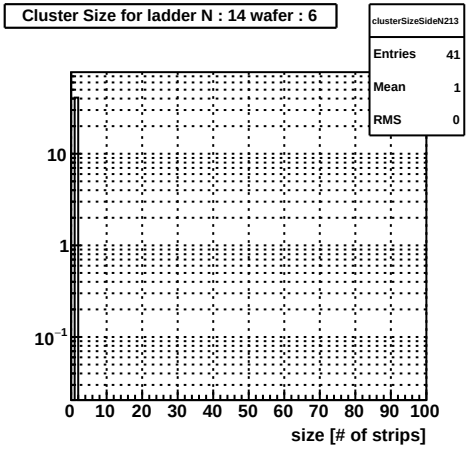

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

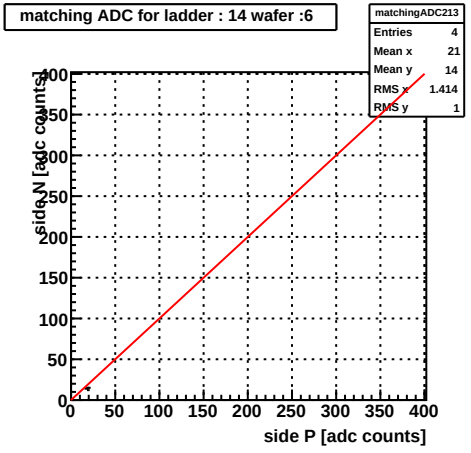

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

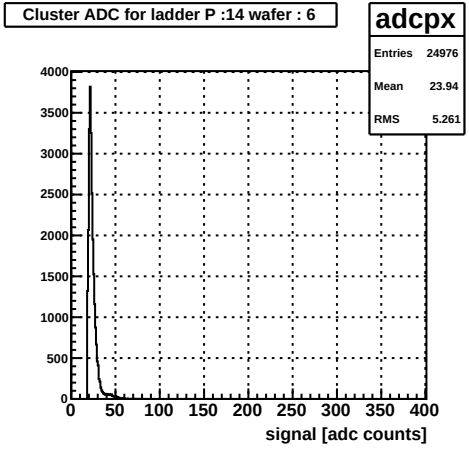

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 773
Mean 33.8
RMS 8.93
signal [adc counts]

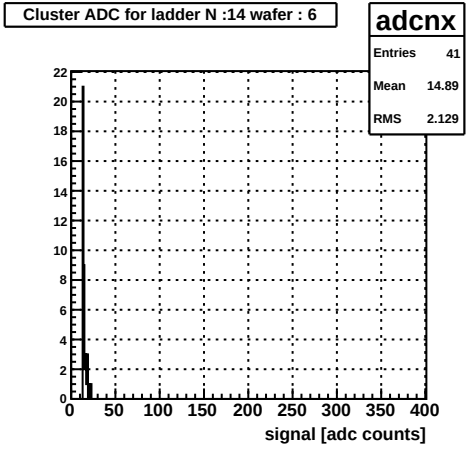

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

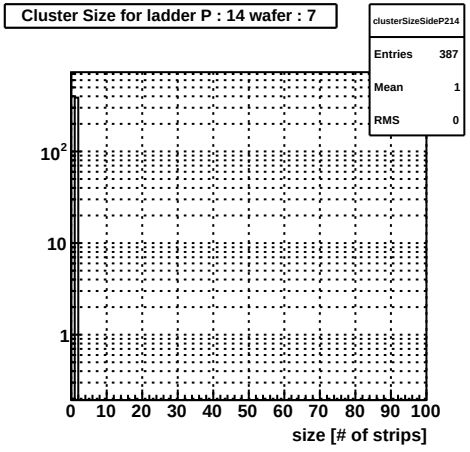

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 24976
Mean 1.027
RMS 0.1658
size [# of strips]

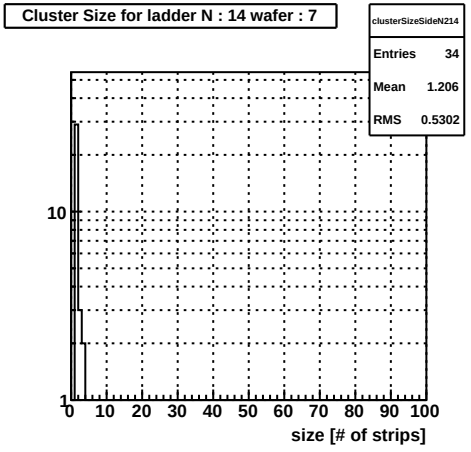

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 41
Mean 1
RMS 0
size [# of strips]

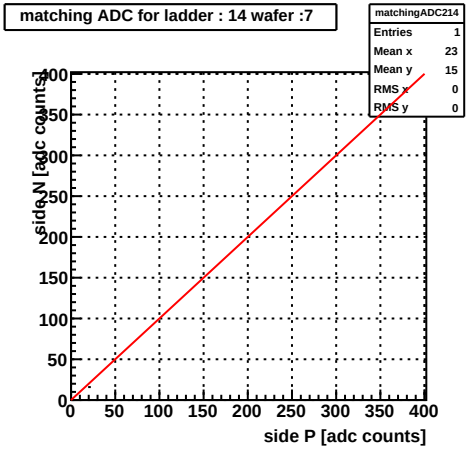

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 4
Mean x 21
Mean y 14
RMS x 1.414
RMS y 1
side N [adc counts]
side P [adc counts]

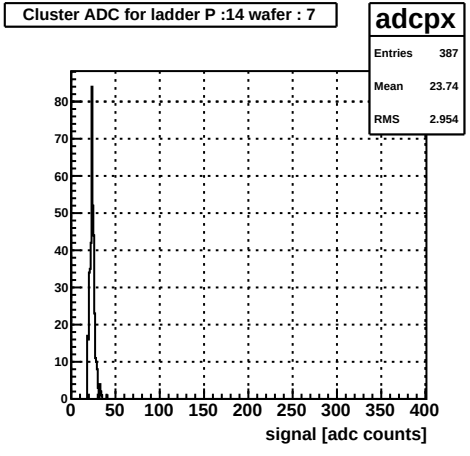

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 24976
Mean 23.94
RMS 5.261
signal [adc counts]

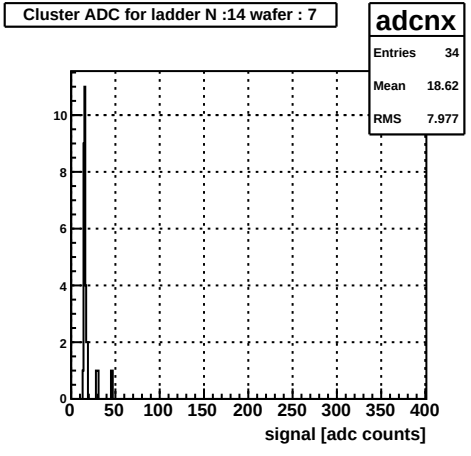

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 41
Mean 14.89
RMS 2.129
signal [adc counts]

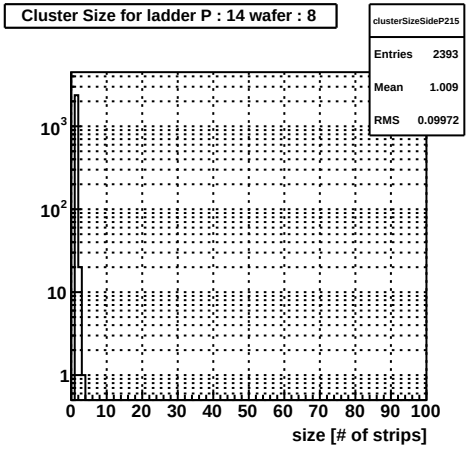

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 387
Mean 1
RMS 0
size [# of strips]

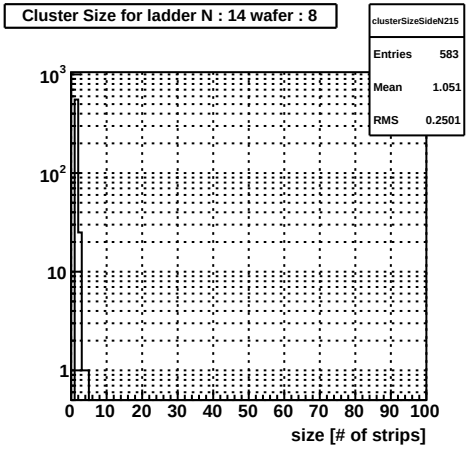

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 34
Mean 1.206
RMS 0.5302
size [# of strips]

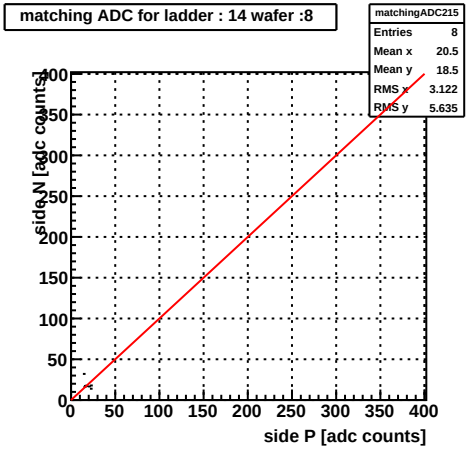

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1
Mean x 23
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

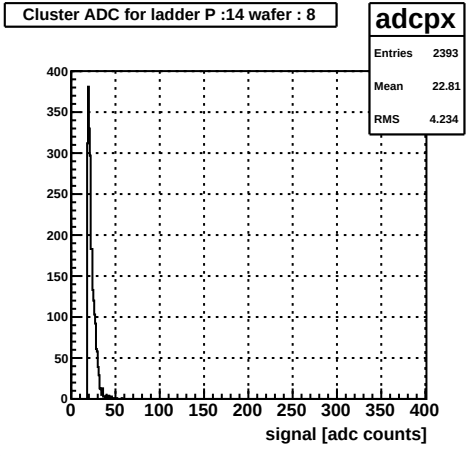

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 387
Mean 23.74
RMS 2.954
signal [adc counts]

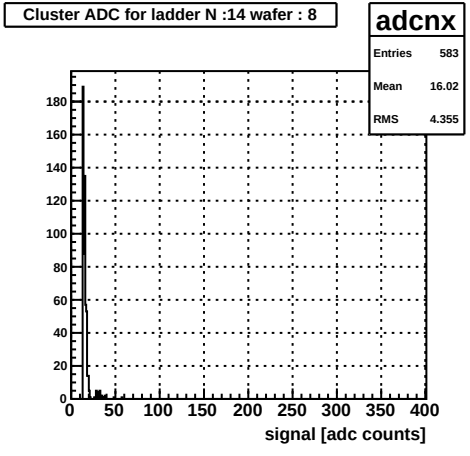

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 34
Mean 18.62
RMS 7.977
signal [adc counts]

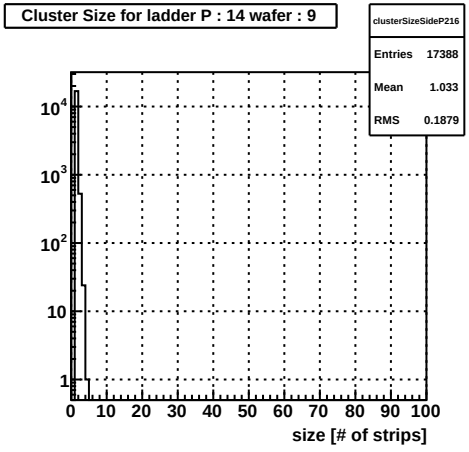

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2393
Mean 1.009
RMS 0.09972
size [# of strips]

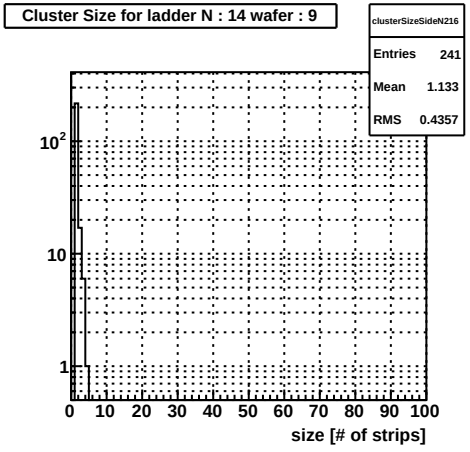

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 583
Mean 1.051
RMS 0.2501
size [# of strips]

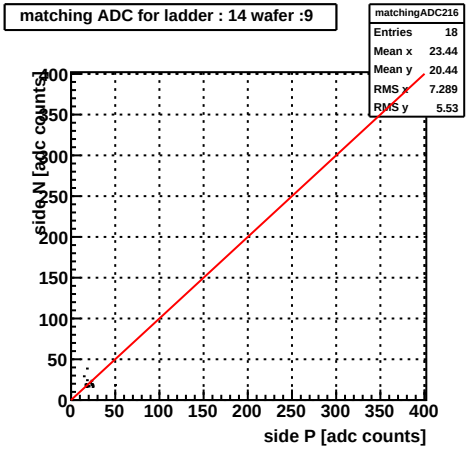

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 8
Mean x 20.5
Mean y 18.5
RMS x 3.122
RMS y 5.635
side N [adc counts]
side P [adc counts]

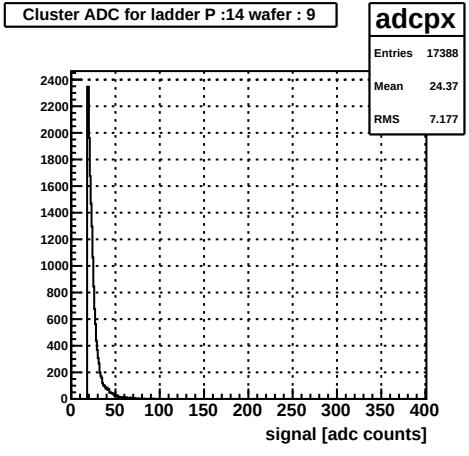

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2393
Mean 22.81
RMS 4.234
signal [adc counts]

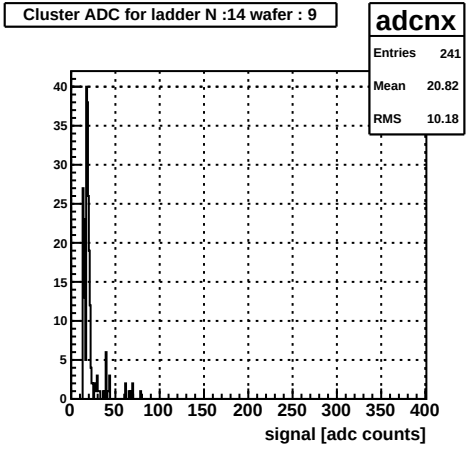

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 583
Mean 16.02
RMS 4.355
signal [adc counts]

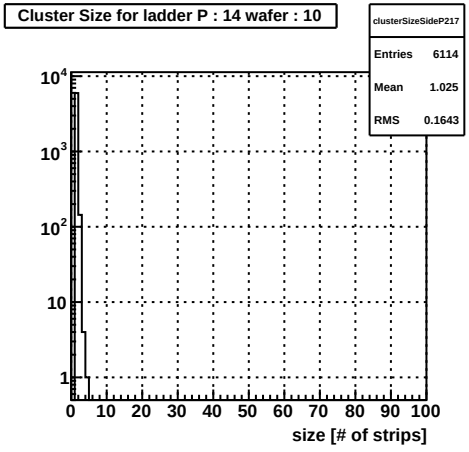

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 17388
Mean 1.033
RMS 0.1879
size [# of strips]

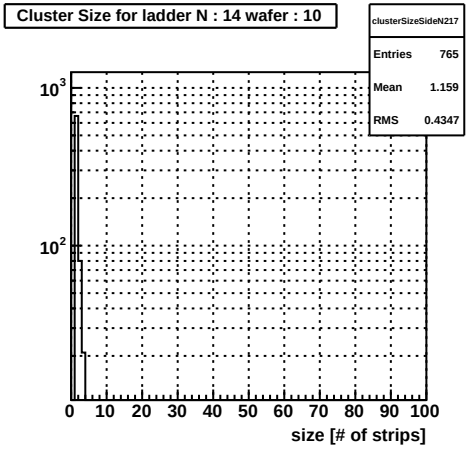

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 241
Mean 1.133
RMS 0.4357
size [# of strips]

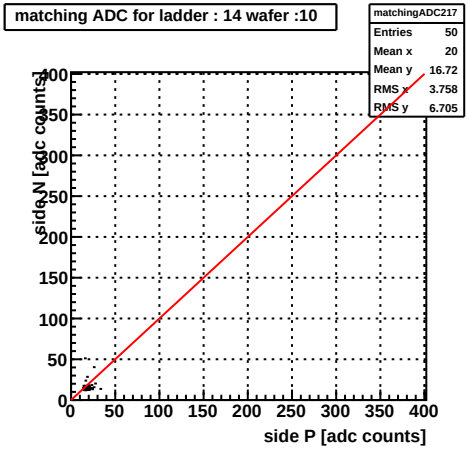

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 18
Mean x 23.44
Mean y 20.44
RMS x 7.289
RMS y 5.53
side N [adc counts]
side P [adc counts]

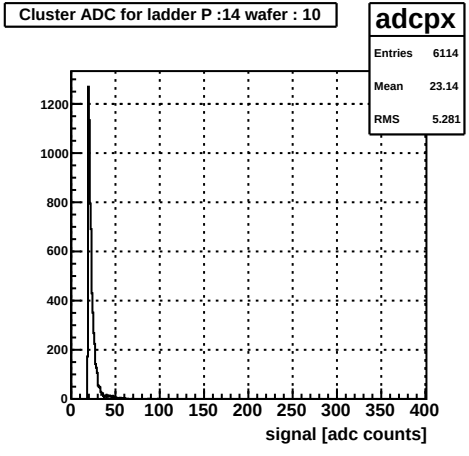

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 17388
Mean 24.37
RMS 7.177
signal [adc counts]

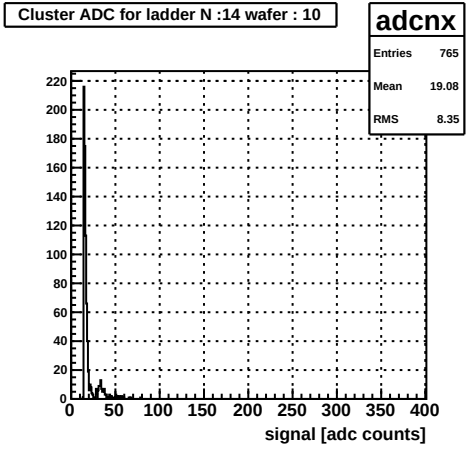

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 241
Mean 20.82
RMS 10.18
signal [adc counts]

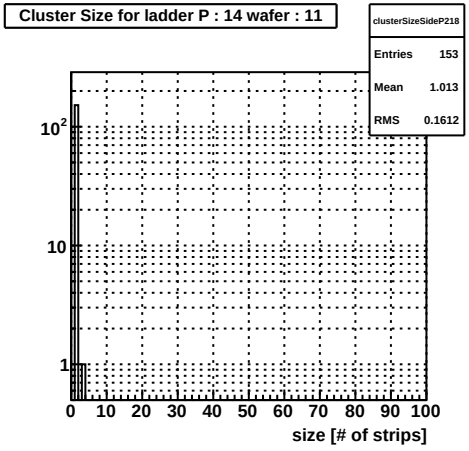

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6114
Mean 1.025
RMS 0.1643
size [# of strips]

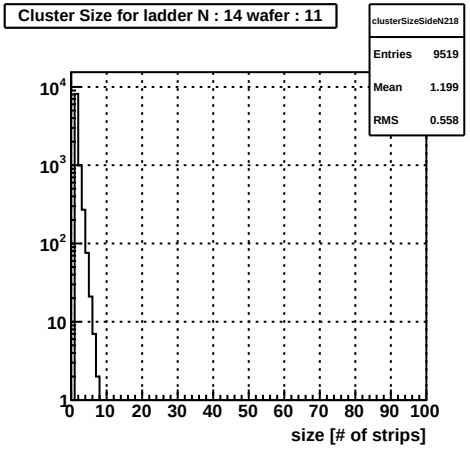

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 765
Mean 1.159
RMS 0.4347
size [# of strips]

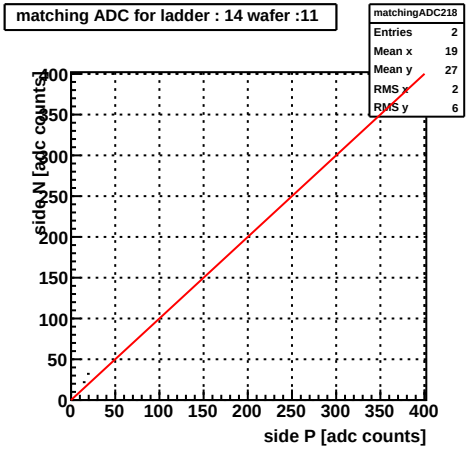

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 50
Mean x 20
Mean y 16.72
RMS x 3.758
RMS y 6.705
side N [adc counts]
side P [adc counts]

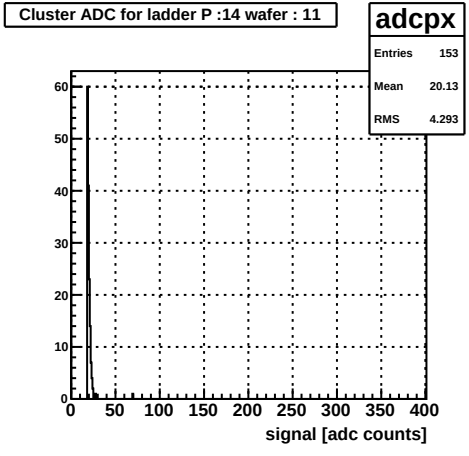

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6114
Mean 23.14
RMS 5.281
signal [adc counts]

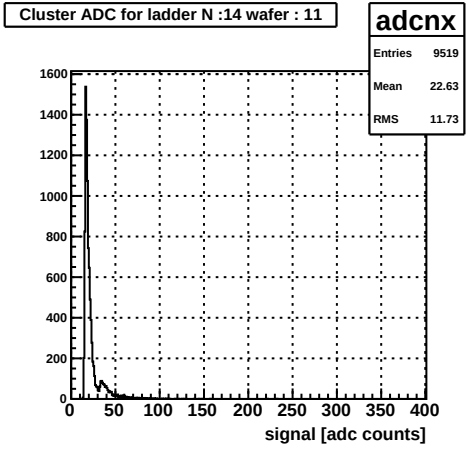

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 765
Mean 19.08
RMS 8.35
signal [adc counts]

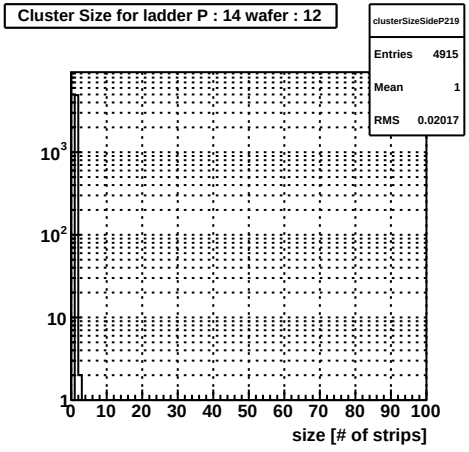

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 153
Mean 1.013
RMS 0.1612
size [# of strips]

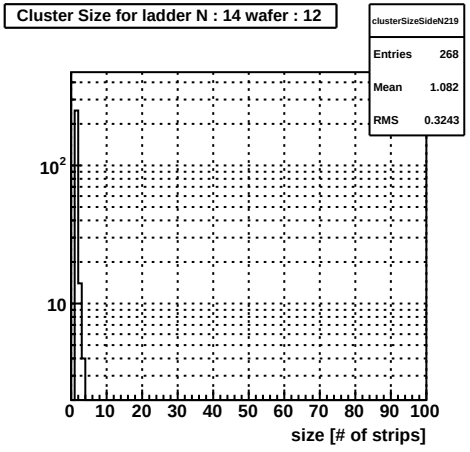

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9519
Mean 1.199
RMS 0.558
size [# of strips]

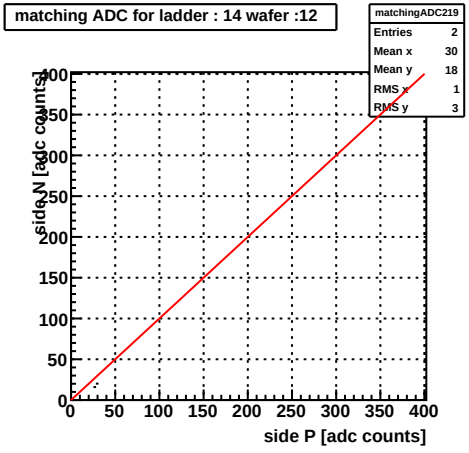

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 2
Mean x 19
Mean y 27
RMS x 2
RMS y 6
side N [adc counts]
side P [adc counts]

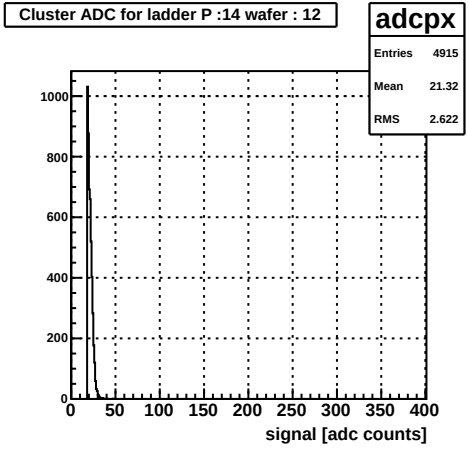

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 153
Mean 20.13
RMS 4.293
signal [adc counts]

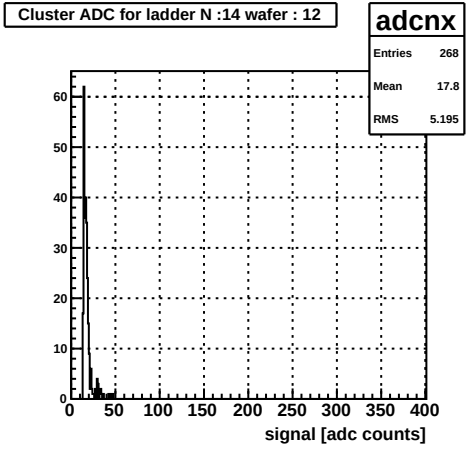

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9519
Mean 22.63
RMS 11.73
signal [adc counts]

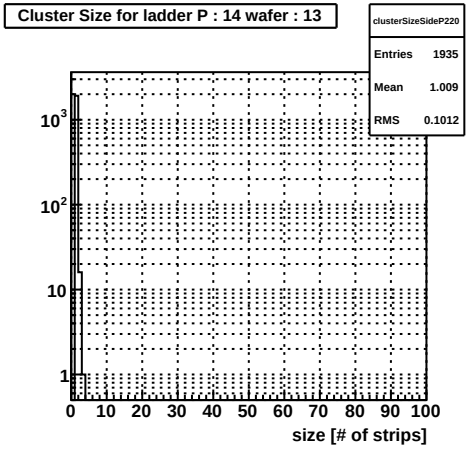

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4915
Mean 1
RMS 0.02017
size [# of strips]

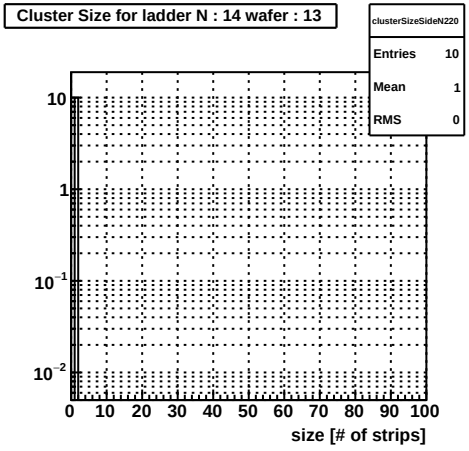

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 268
Mean 1.082
RMS 0.3243
size [# of strips]

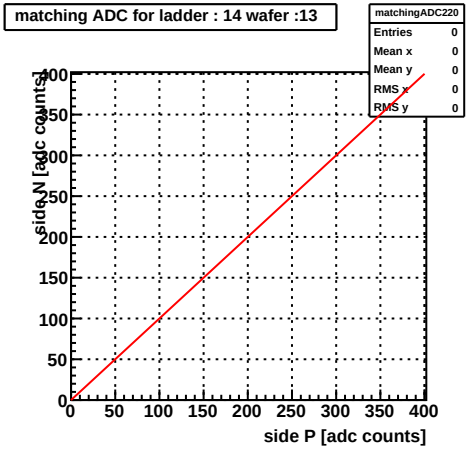

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 2
Mean x 30
Mean y 18
RMS x 1
RMS y 3
side N [adc counts]
side P [adc counts]

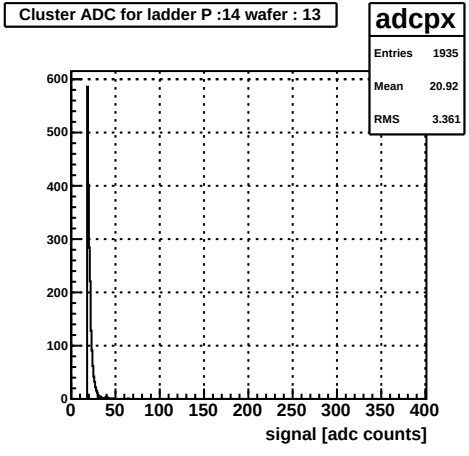

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4915
Mean 21.32
RMS 2.622
signal [adc counts]

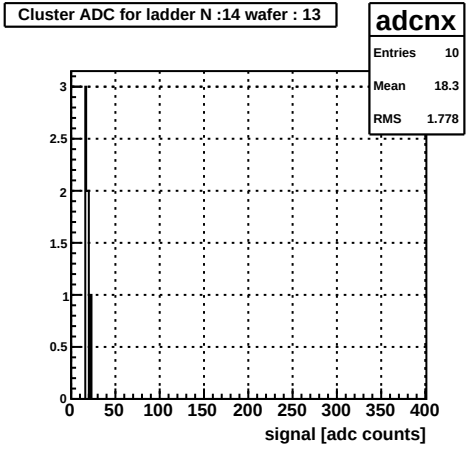

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 268
Mean 17.8
RMS 5.195
signal [adc counts]

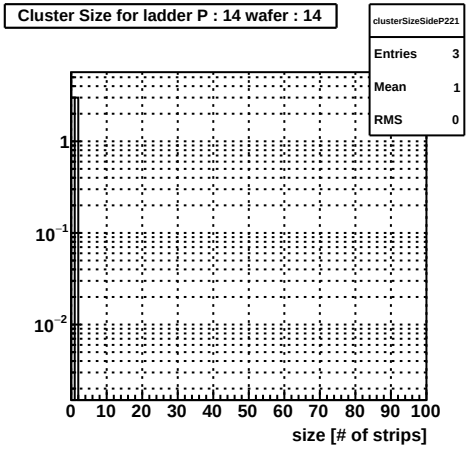

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 1935
Mean 1.009
RMS 0.1012
size [# of strips]

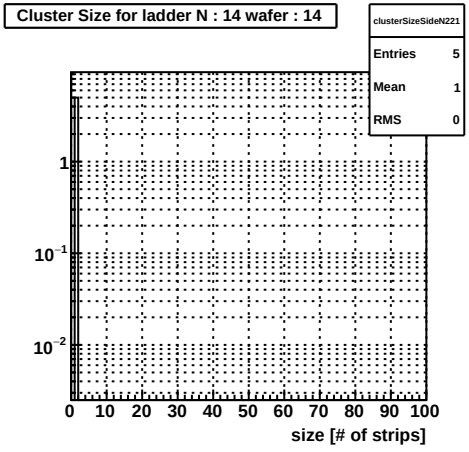

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 10
Mean 1
RMS 0
size [# of strips]

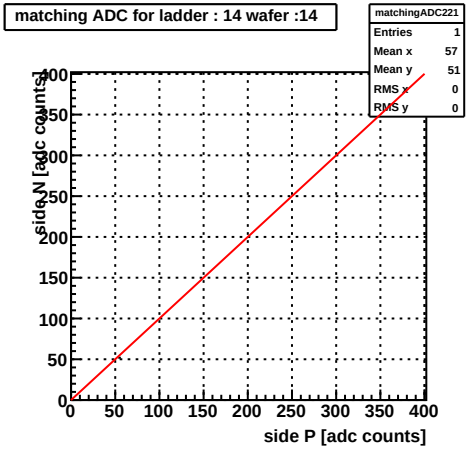

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

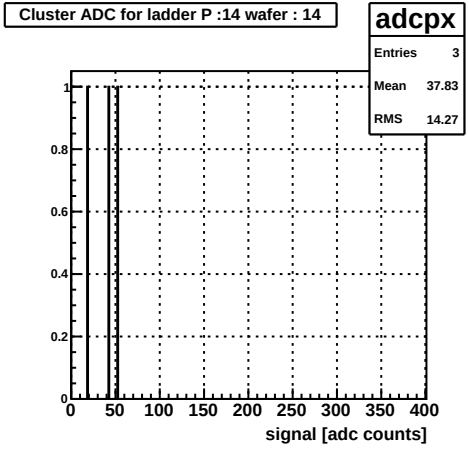

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 1935
Mean 20.92
RMS 3.361
signal [adc counts]

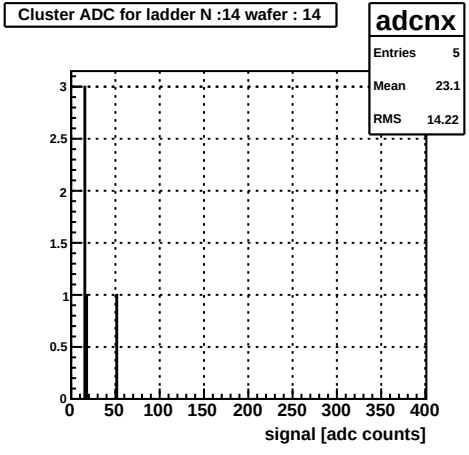

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 10
Mean 18.3
RMS 1.778
signal [adc counts]

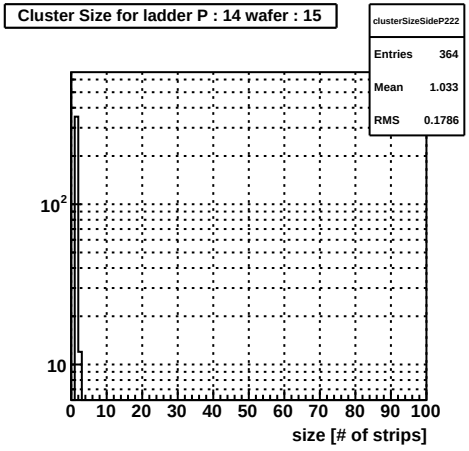

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 3
Mean 1
RMS 0
size [# of strips]

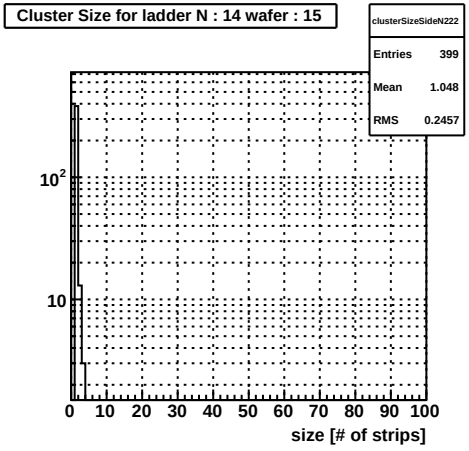

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 5
Mean 1
RMS 0
size [# of strips]

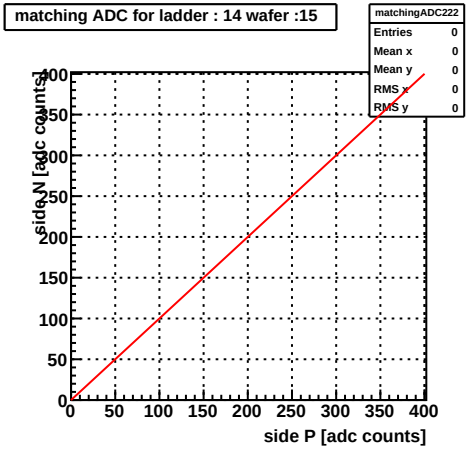

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1
Mean x 57
Mean y 51
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

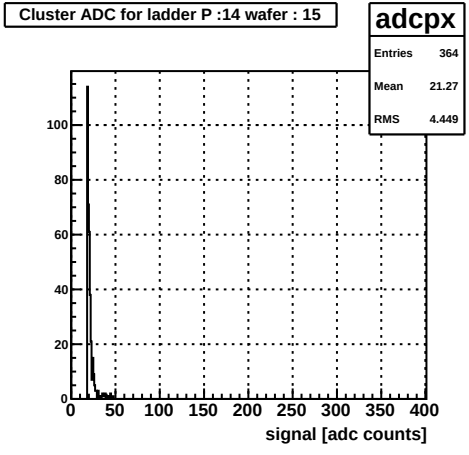

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 3
Mean 37.83
RMS 14.27
signal [adc counts]

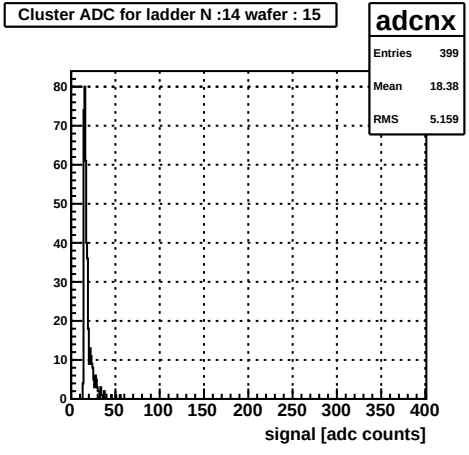

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 5
Mean 23.1
RMS 14.22
signal [adc counts]

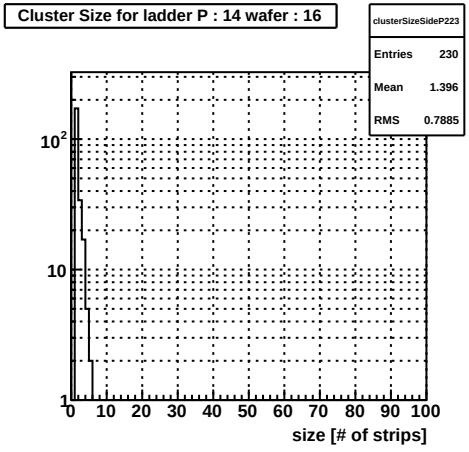

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 364
Mean 1.033
RMS 0.1786
size [# of strips]

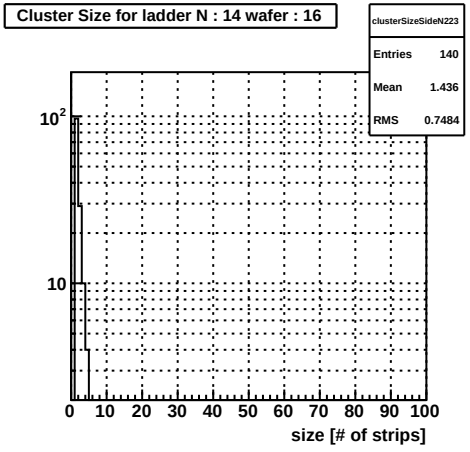

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 399
Mean 1.048
RMS 0.2457
size [# of strips]

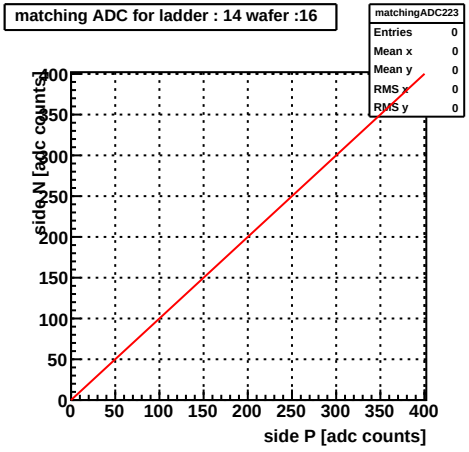

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

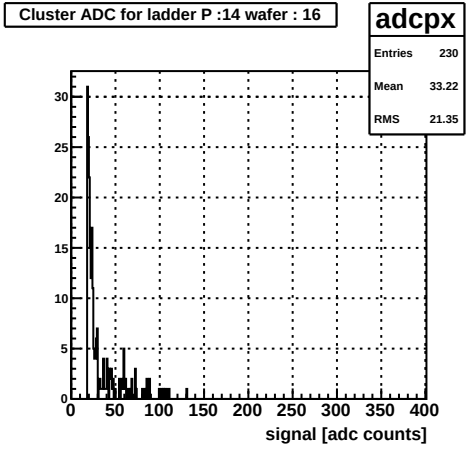

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 364
Mean 21.27
RMS 4.449
signal [adc counts]

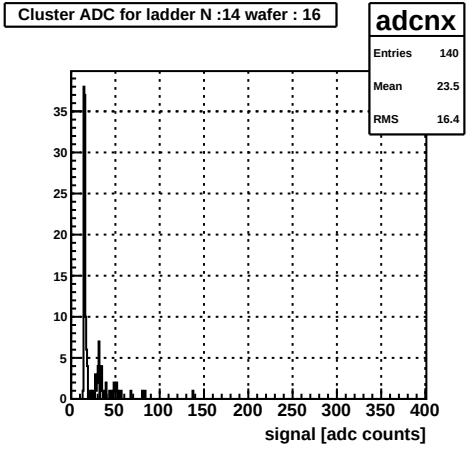

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 399
Mean 18.38
RMS 5.159
signal [adc counts]

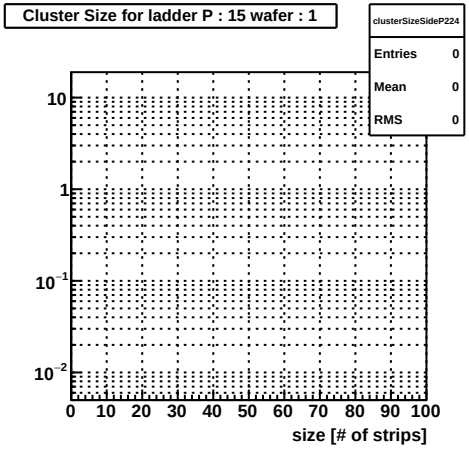

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 230
Mean 1.396
RMS 0.7885
size [# of strips]

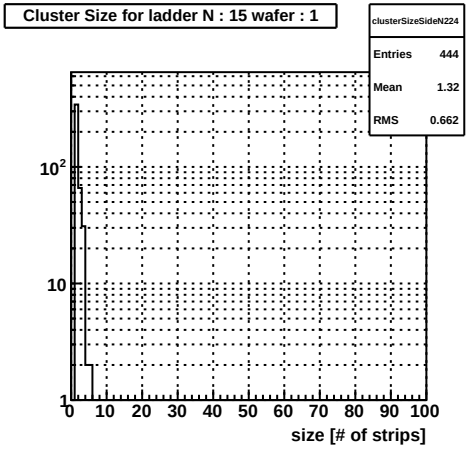

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 140
Mean 1.436
RMS 0.7484
size [# of strips]

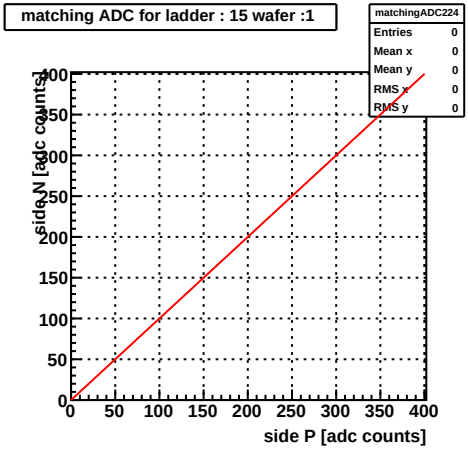

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

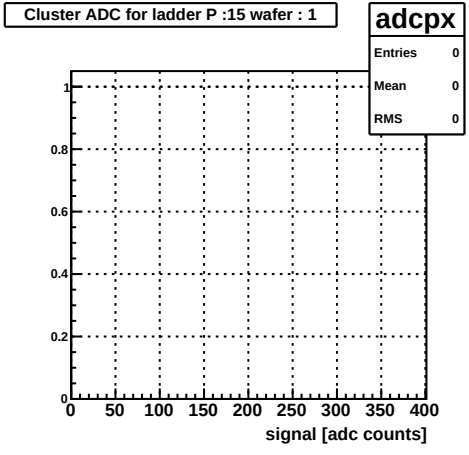

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 230
Mean 33.22
RMS 21.35
signal [adc counts]

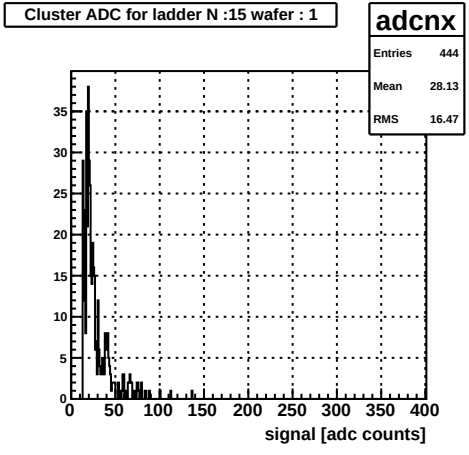

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 140
Mean 23.5
RMS 16.4
signal [adc counts]

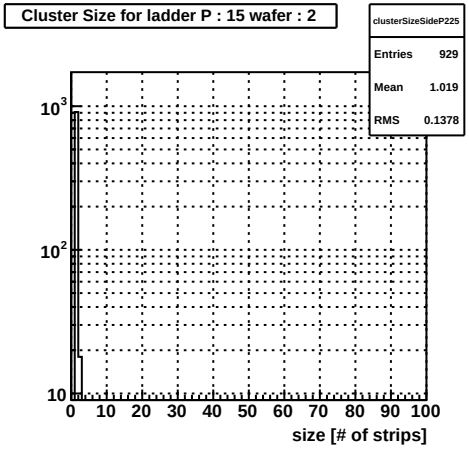

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

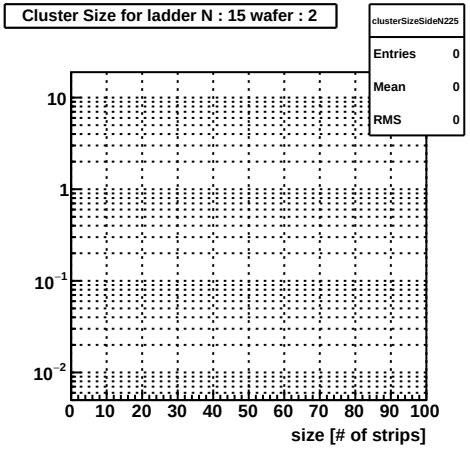

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 444
Mean 1.32
RMS 0.662
size [# of strips]

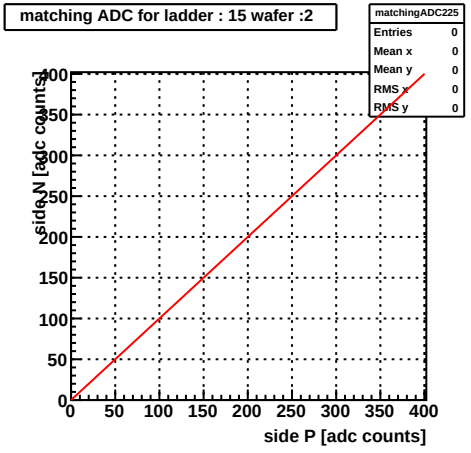

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

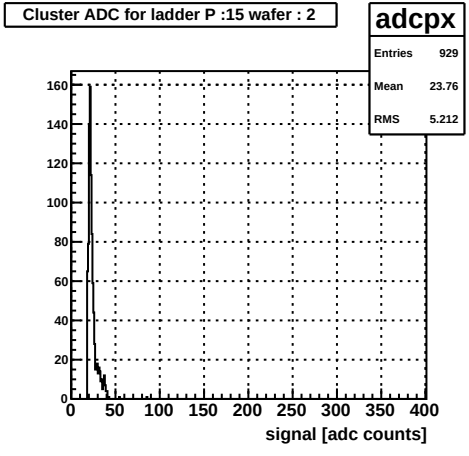

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

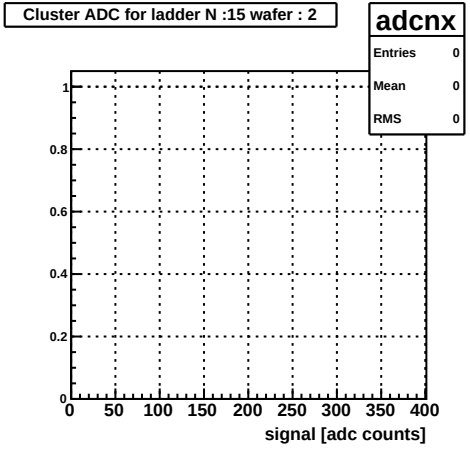

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 444
Mean 28.13
RMS 16.47
signal [adc counts]

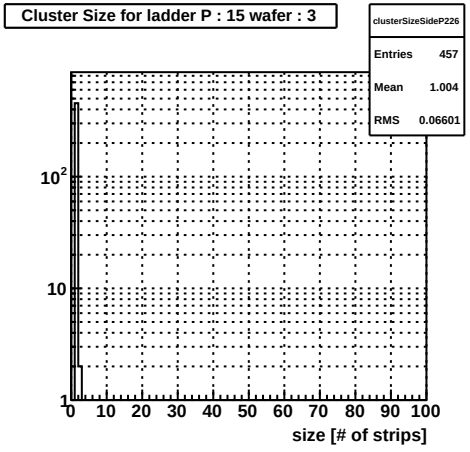

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 929
Mean 1.019
RMS 0.1378
size [# of strips]

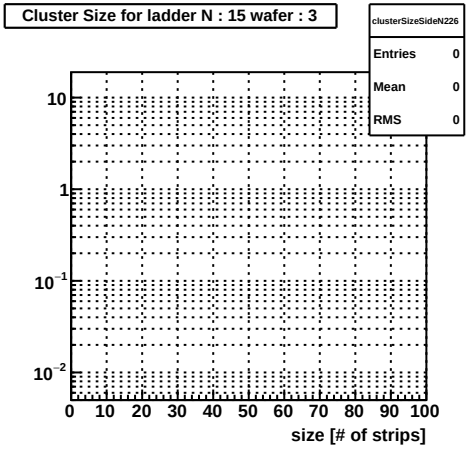

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

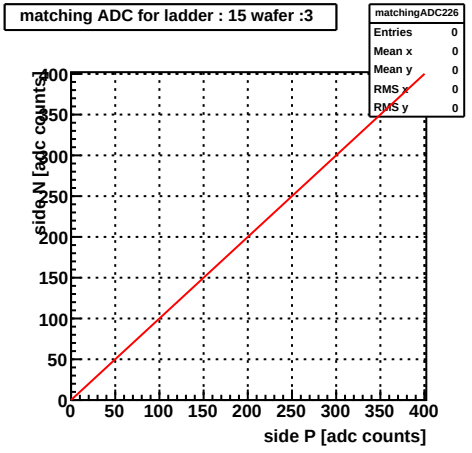

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

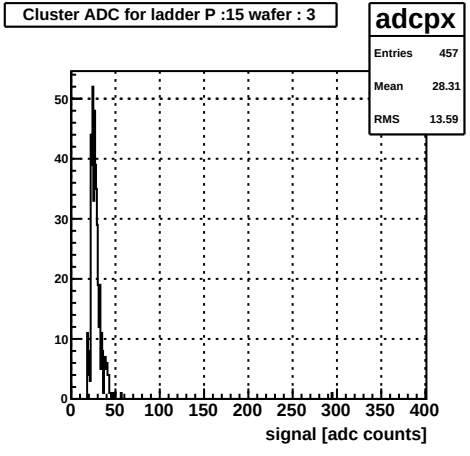

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 929
Mean 23.76
RMS 5.212
signal [adc counts]

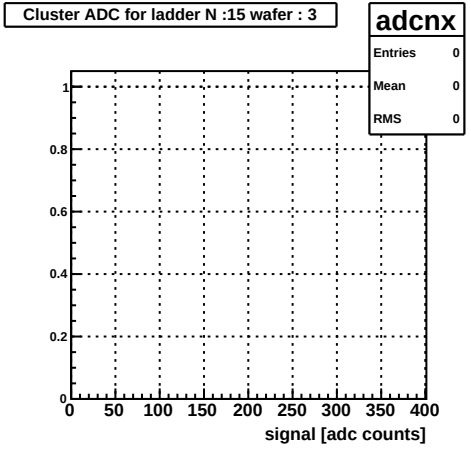

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

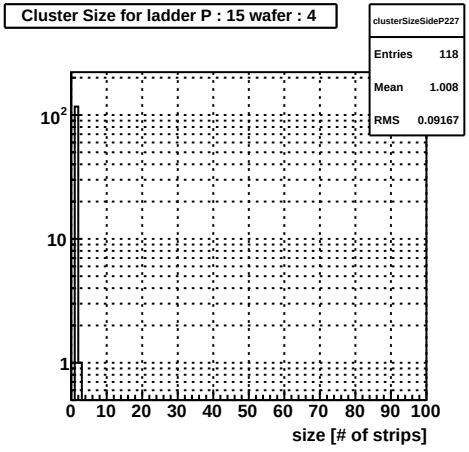

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 457
Mean 1.004
RMS 0.06601
size [# of strips]

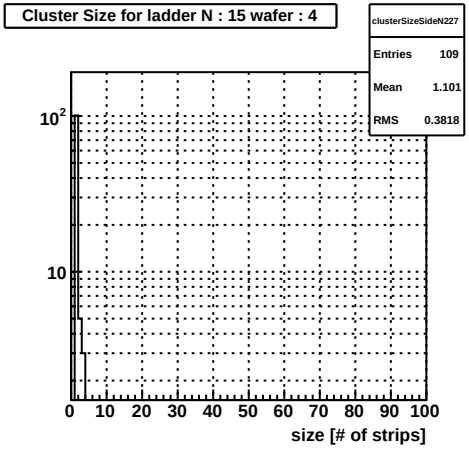

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

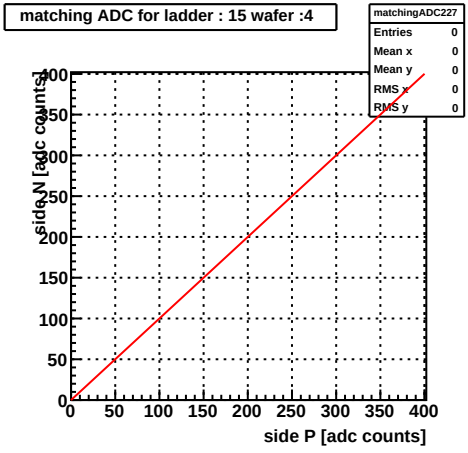

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

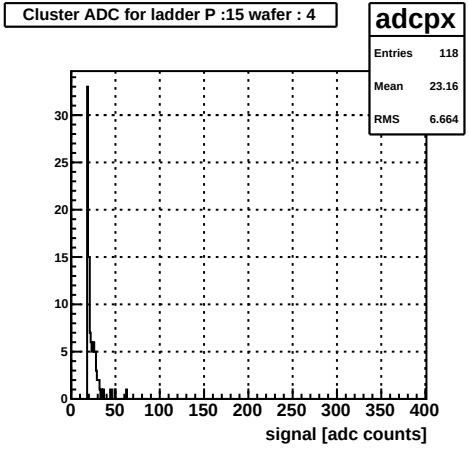

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 457
Mean 28.31
RMS 13.59
signal [adc counts]

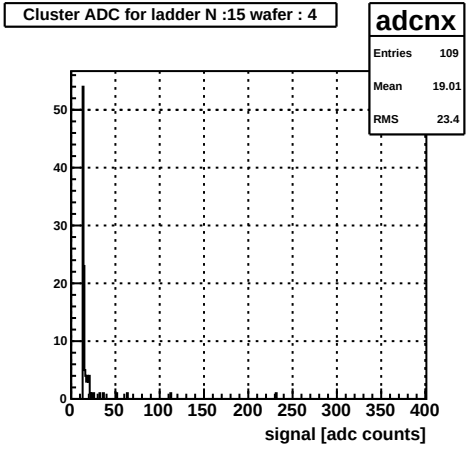

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

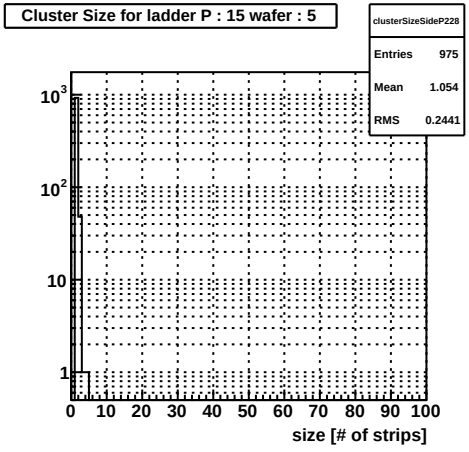

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 118
Mean 1.008
RMS 0.09167
size [# of strips]

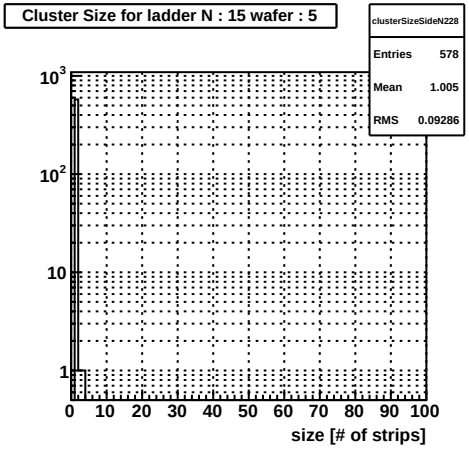

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 109
Mean 1.101
RMS 0.3818
size [# of strips]

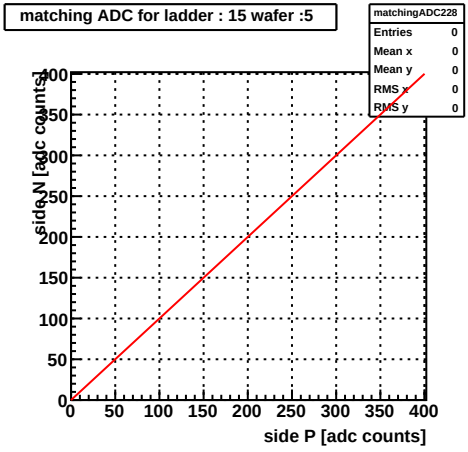

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

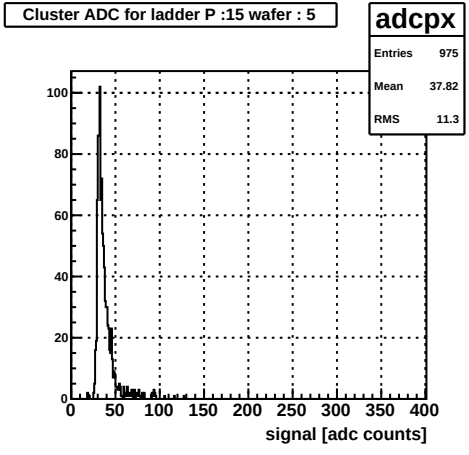

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 118
Mean 23.16
RMS 6.664
signal [adc counts]

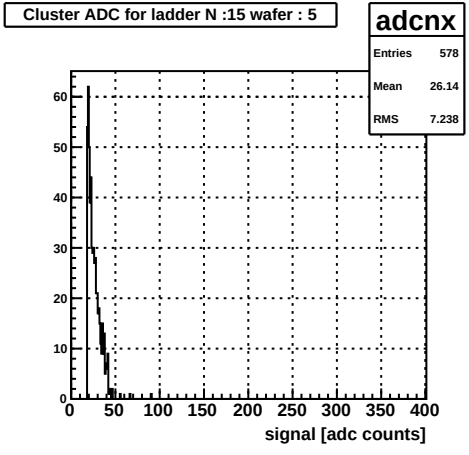

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 109
Mean 19.01
RMS 23.4
signal [adc counts]

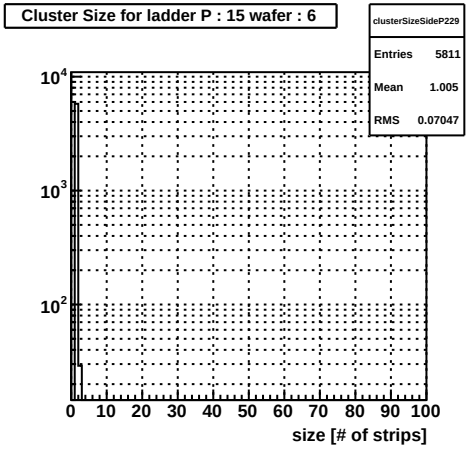

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 975
Mean 1.054
RMS 0.2441
size [# of strips]

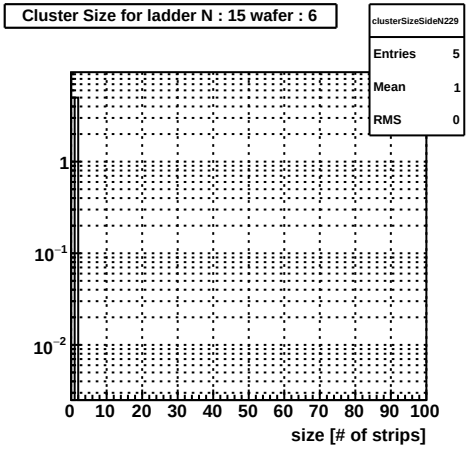

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 578
Mean 1.005
RMS 0.09286
size [# of strips]

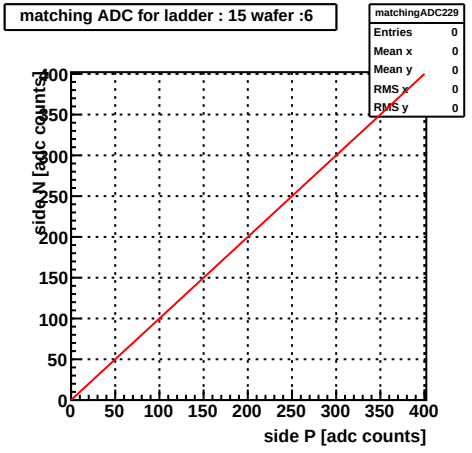

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

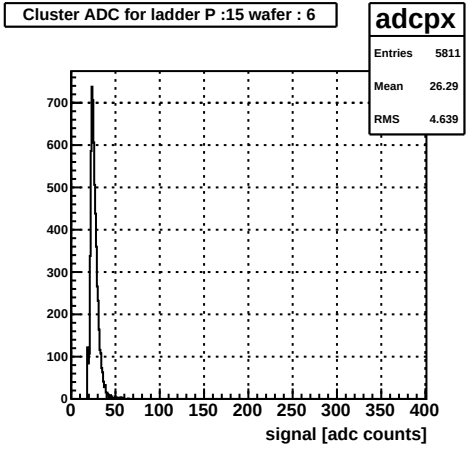

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 975
Mean 37.82
RMS 11.3
signal [adc counts]

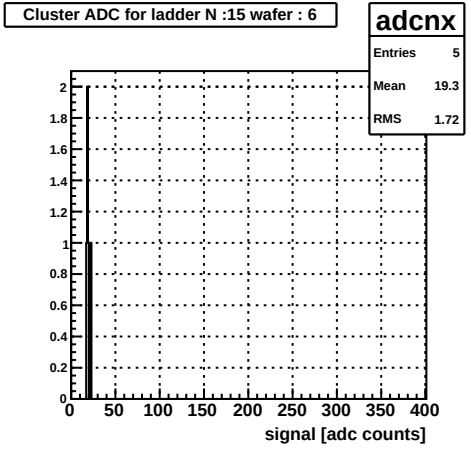

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 578
Mean 26.14
RMS 7.238
signal [adc counts]

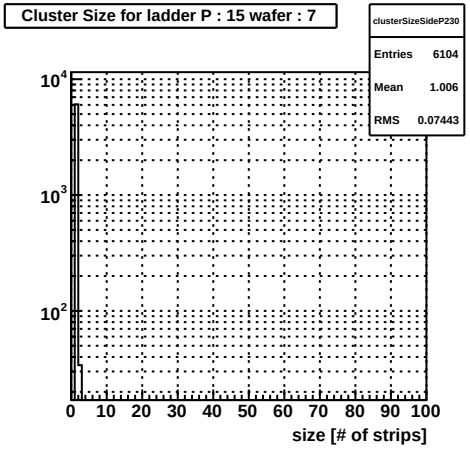

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 5811
Mean 1.005
RMS 0.07047
size [# of strips]

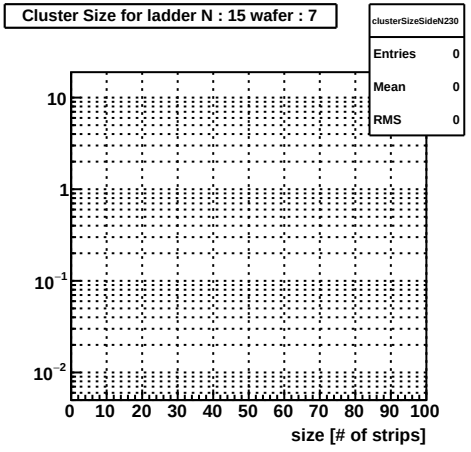

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 5
Mean 1
RMS 0
size [# of strips]

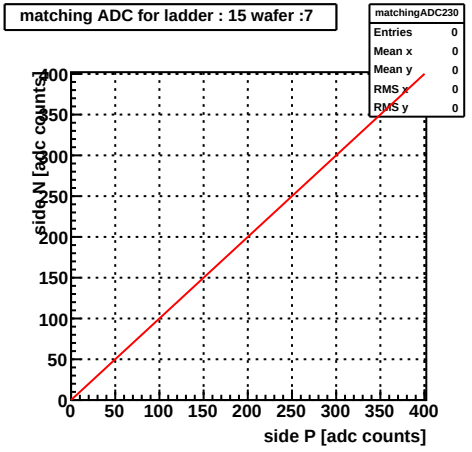

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

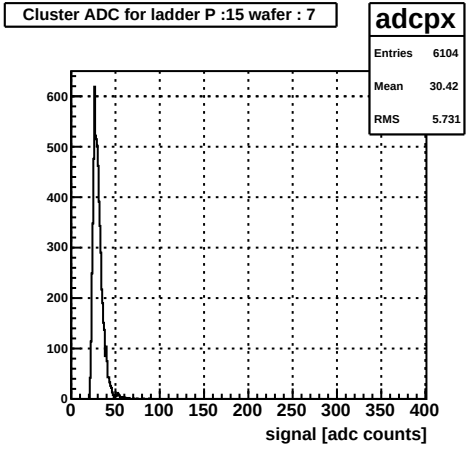

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 5811
Mean 26.29
RMS 4.639
signal [adc counts]

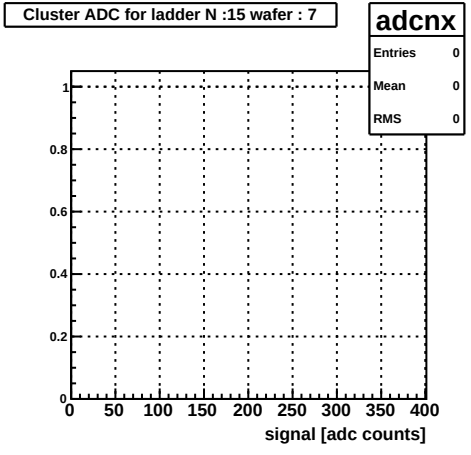

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 5
Mean 19.3
RMS 1.72
signal [adc counts]

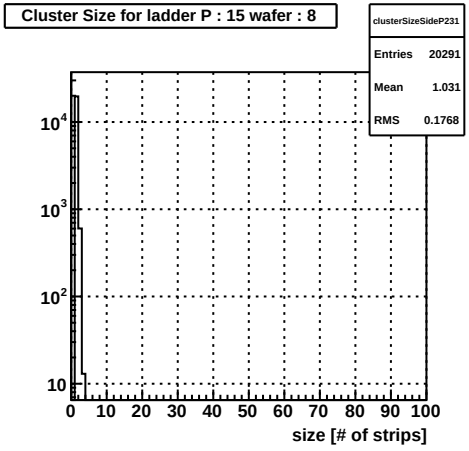

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6104
Mean 1.006
RMS 0.07443
size [# of strips]

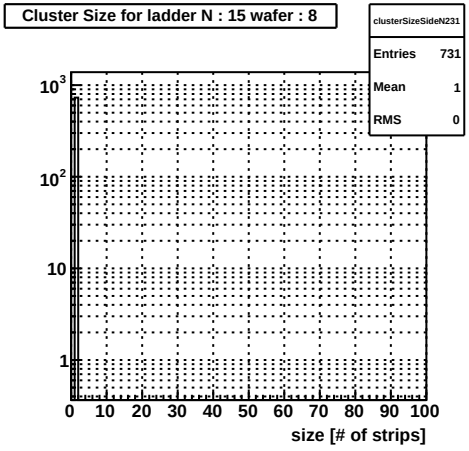

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

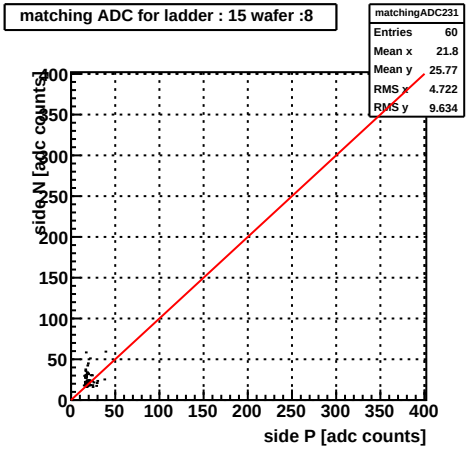

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

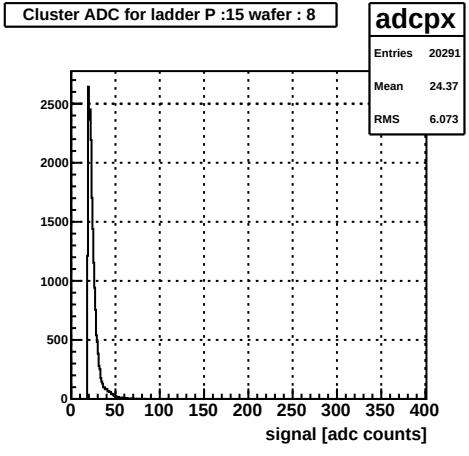

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6104
Mean 30.42
RMS 5.731
signal [adc counts]

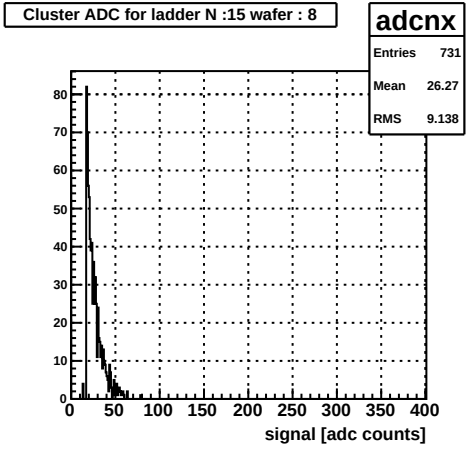

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

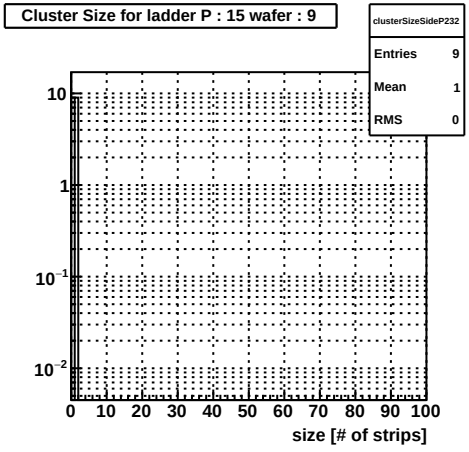

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 20291
Mean 1.031
RMS 0.1768
size [# of strips]

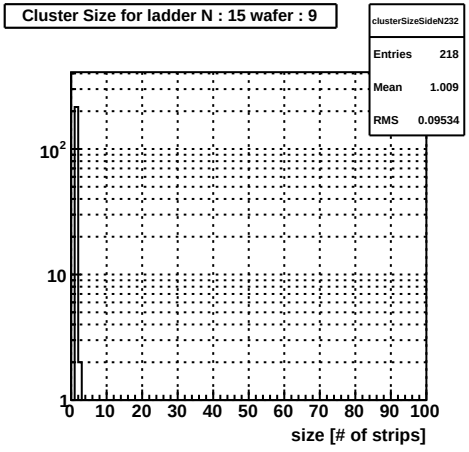

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 731
Mean 1
RMS 0
size [# of strips]

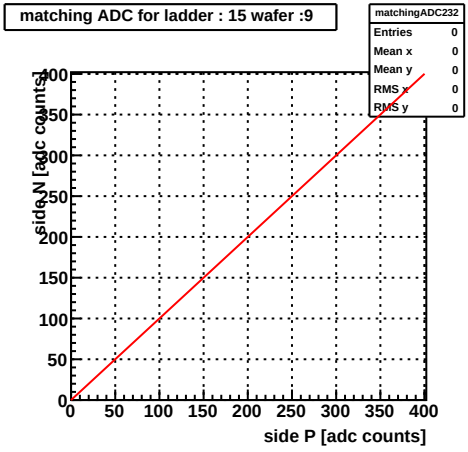

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 60
Mean x 21.8
Mean y 25.77
RMS x 4.722
RMS y 9.634
side N [adc counts]
side P [adc counts]

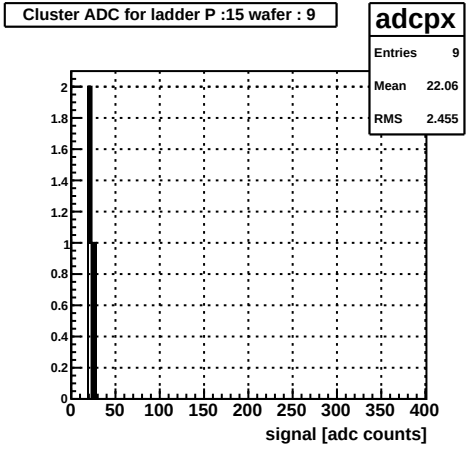

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 20291
Mean 24.37
RMS 6.073
signal [adc counts]

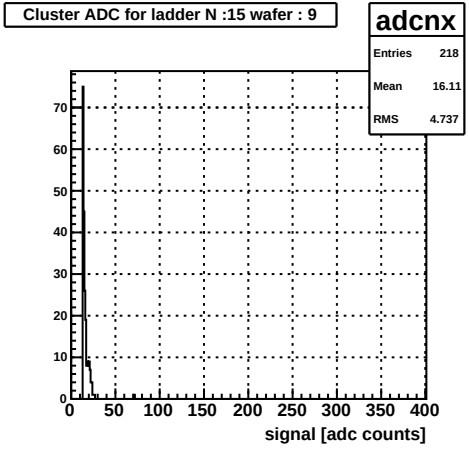

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 731
Mean 26.27
RMS 9.138
signal [adc counts]

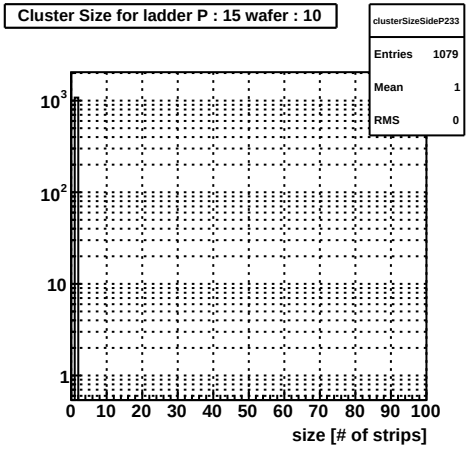

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 9
Mean 1
RMS 0
size [# of strips]

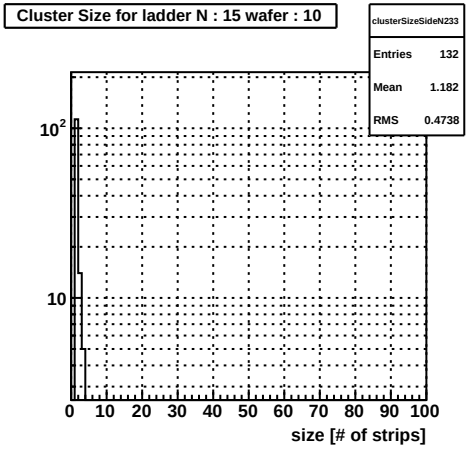

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 218
Mean 1.009
RMS 0.09534
size [# of strips]

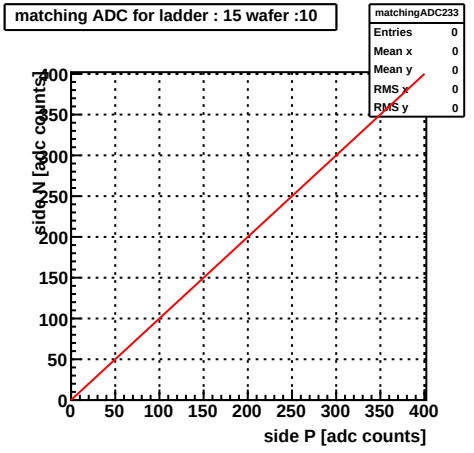

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

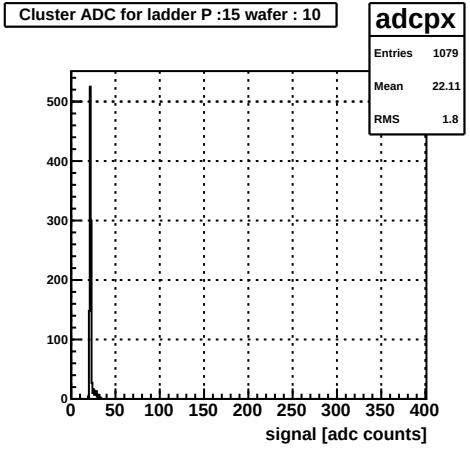

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 9
Mean 22.06
RMS 2.455
signal [adc counts]

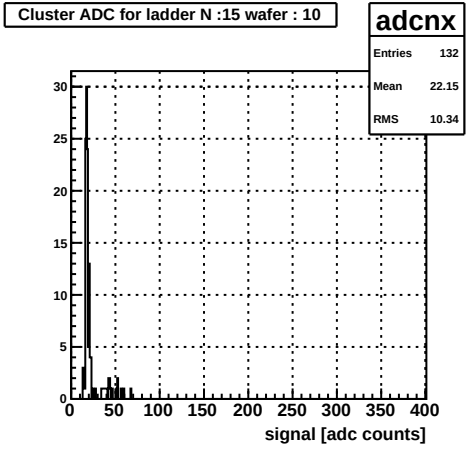

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 218
Mean 16.11
RMS 4.737
signal [adc counts]

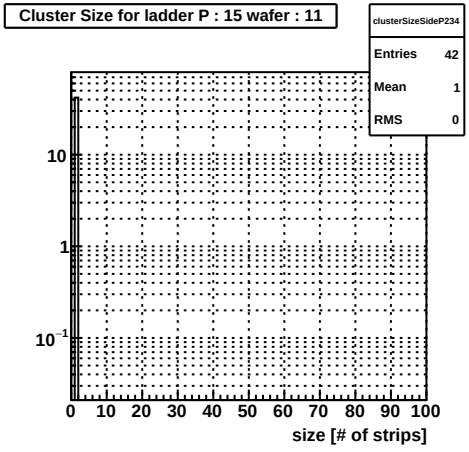

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 1079
Mean 1
RMS 0
size [# of strips]

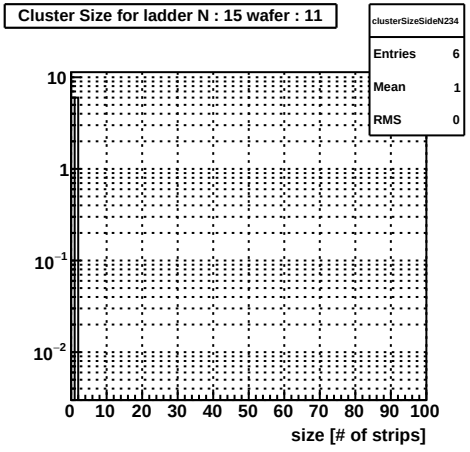

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 132
Mean 1.182
RMS 0.4738
size [# of strips]

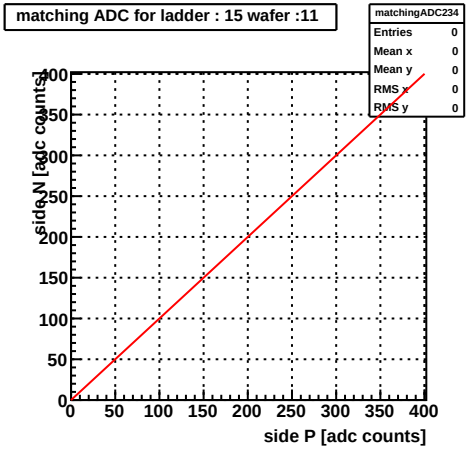

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

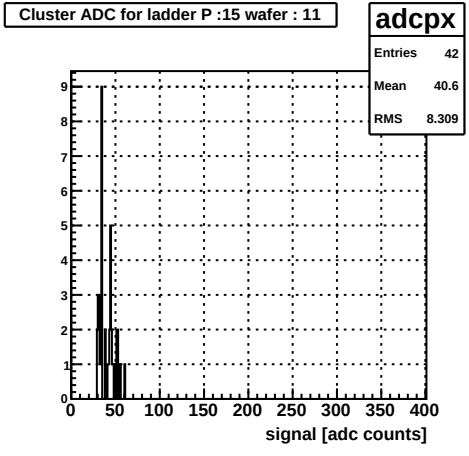

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 1079
Mean 22.11
RMS 1.8
signal [adc counts]

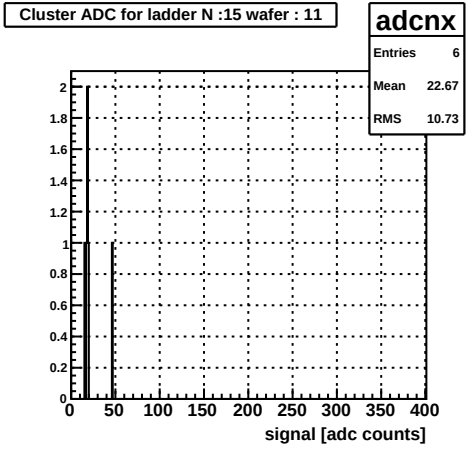

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 132
Mean 22.15
RMS 10.34
signal [adc counts]

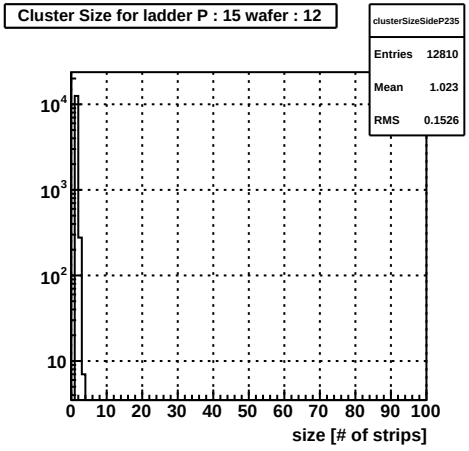

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 42
Mean 1
RMS 0
size [# of strips]

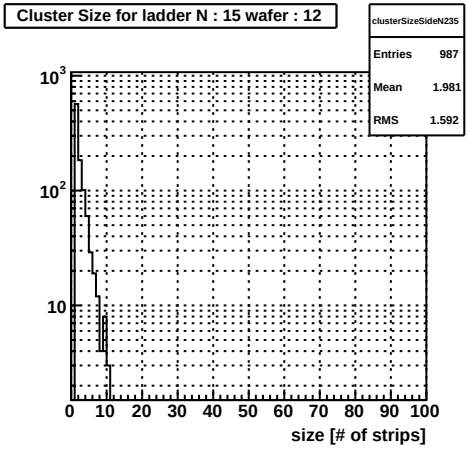

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 6
Mean 1
RMS 0
size [# of strips]

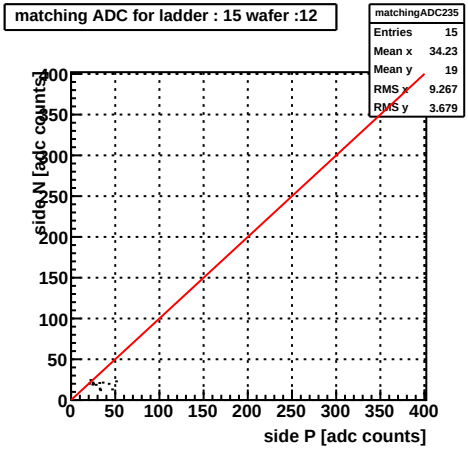

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

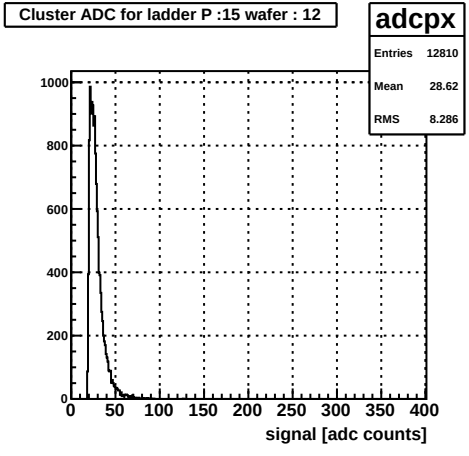

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 42
Mean 40.6
RMS 8.309
signal [adc counts]

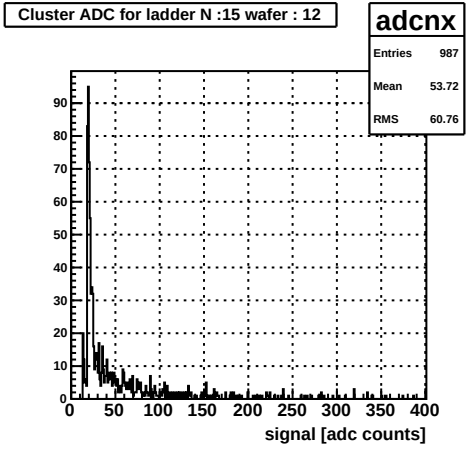

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 6
Mean 22.67
RMS 10.73
signal [adc counts]

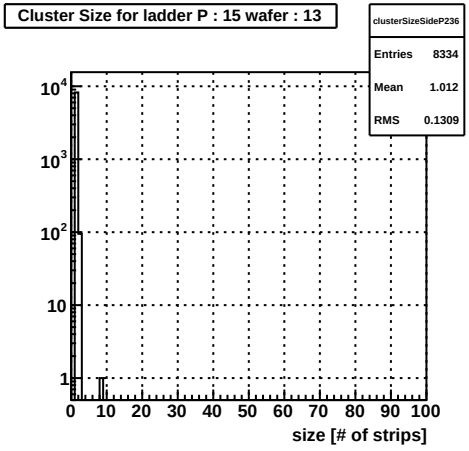

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 12810
Mean 1.023
RMS 0.1526
size [# of strips]

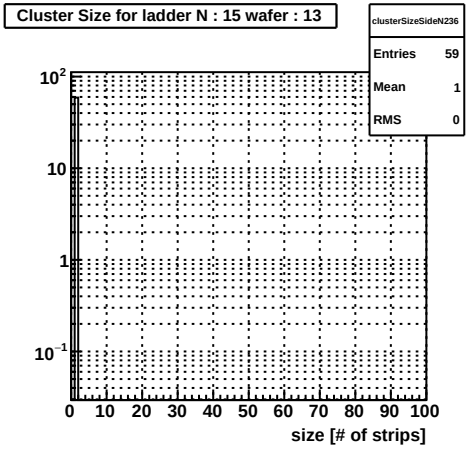

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 987
Mean 1.981
RMS 1.592
size [# of strips]

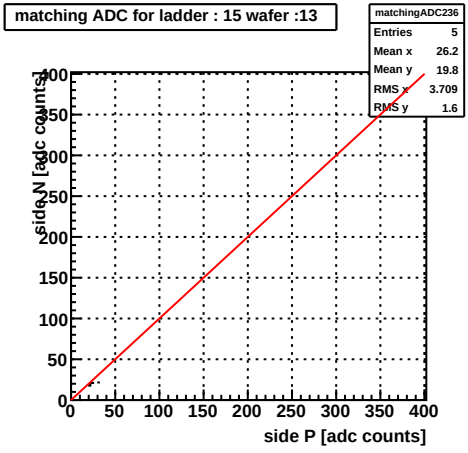

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 15
Mean x 34.23
Mean y 19
RMS x 9.267
RMS y 3.679
side N [adc counts]
side P [adc counts]

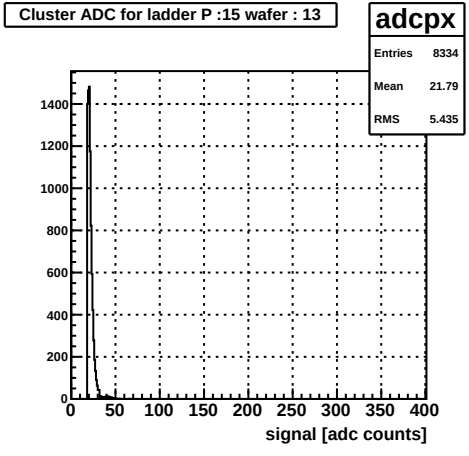

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 12810
Mean 28.62
RMS 8.286
signal [adc counts]

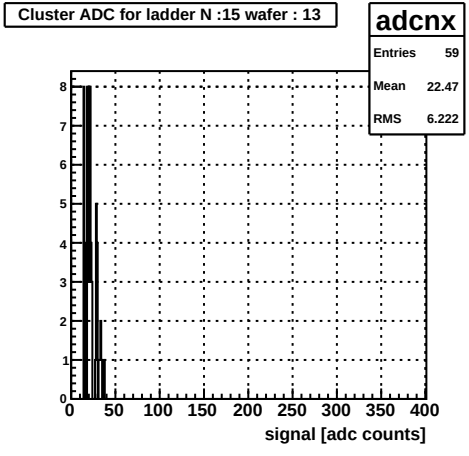

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 987
Mean 53.72
RMS 60.76
signal [adc counts]

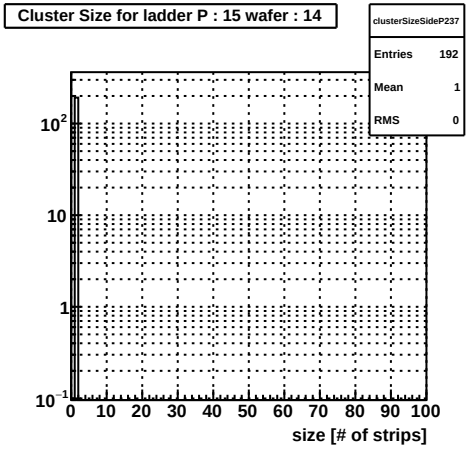

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 8334
Mean 1.012
RMS 0.1309
size [# of strips]

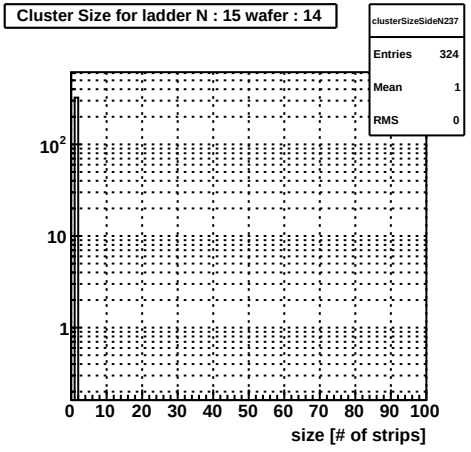

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 59
Mean 1
RMS 0
size [# of strips]

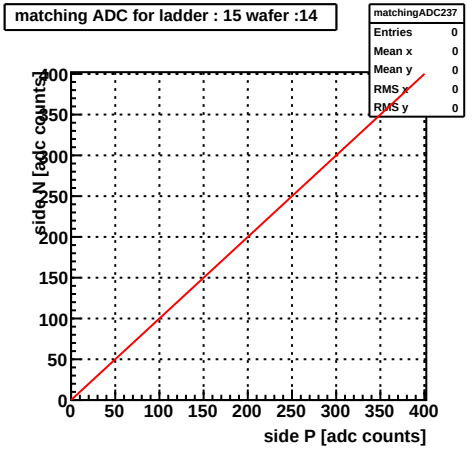

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 5
Mean x 26.2
Mean y 19.8
RMS x 3.709
RMS y 1.6
side N [adc counts]
side P [adc counts]

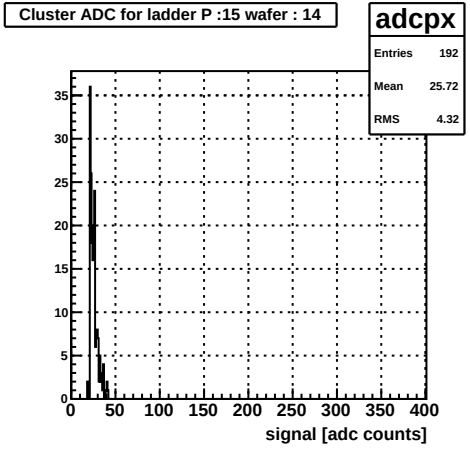

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 8334
Mean 21.79
RMS 5.435
signal [adc counts]

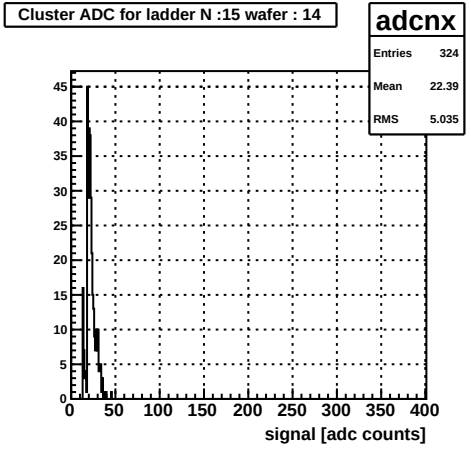

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 59
Mean 22.47
RMS 6.222
signal [adc counts]

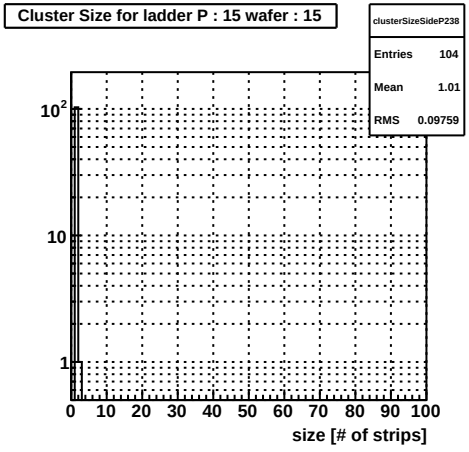

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 192
Mean 1
RMS 0
size [# of strips]

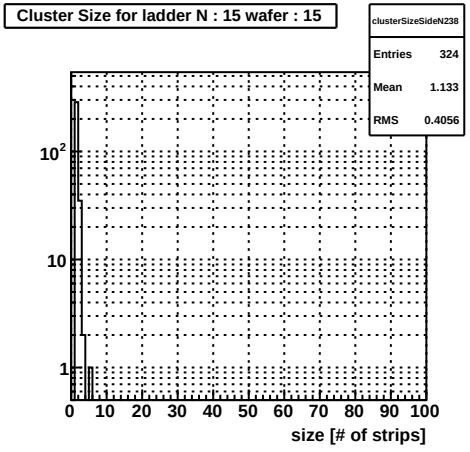

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 324
Mean 1
RMS 0
size [# of strips]

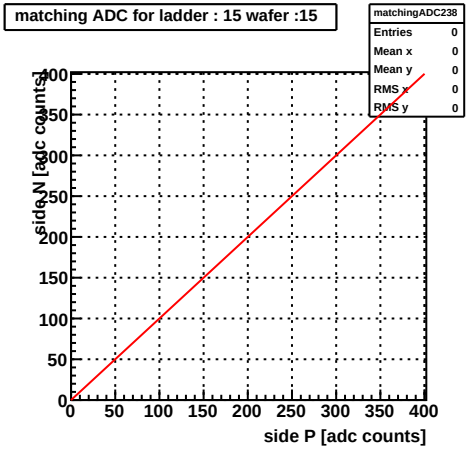

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

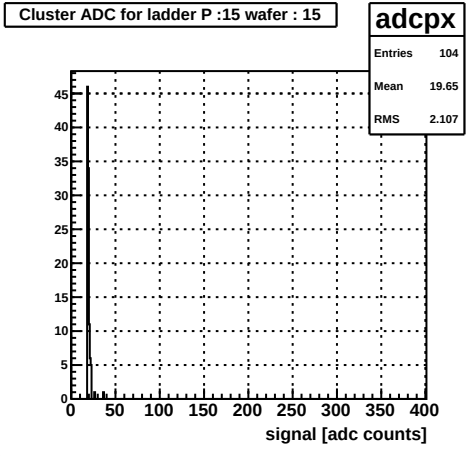

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 192
Mean 25.72
RMS 4.32
signal [adc counts]

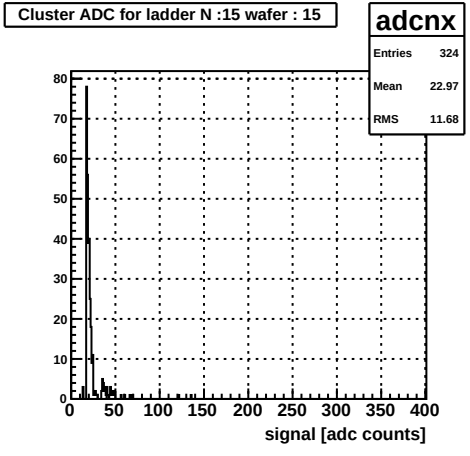

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 324
Mean 22.39
RMS 5.035
signal [adc counts]

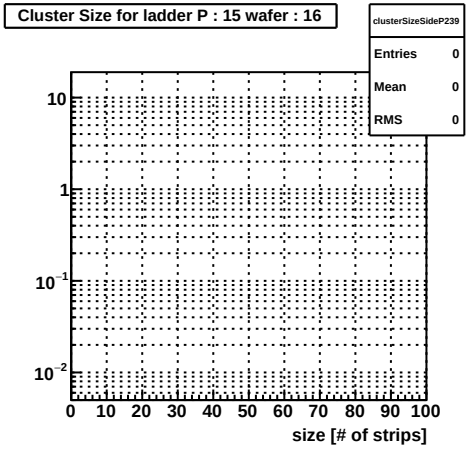

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 104
Mean 1.01
RMS 0.09759
size [# of strips]

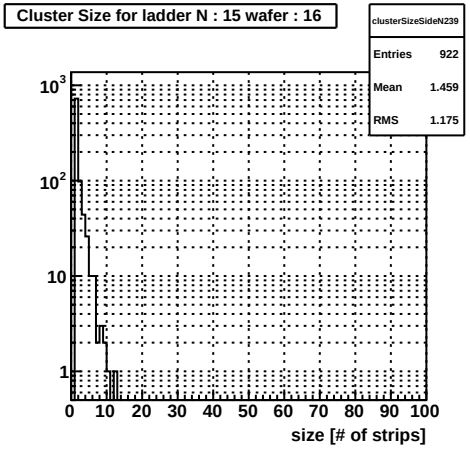

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 324
Mean 1.133
RMS 0.4056
size [# of strips]

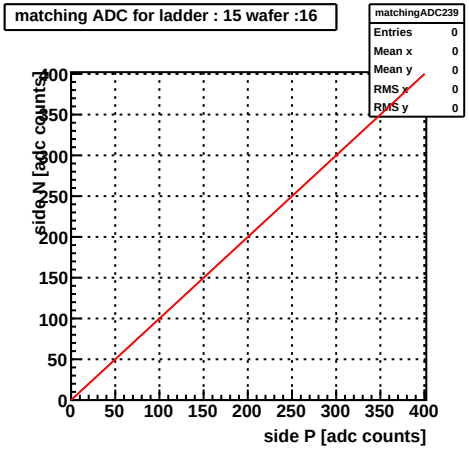

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

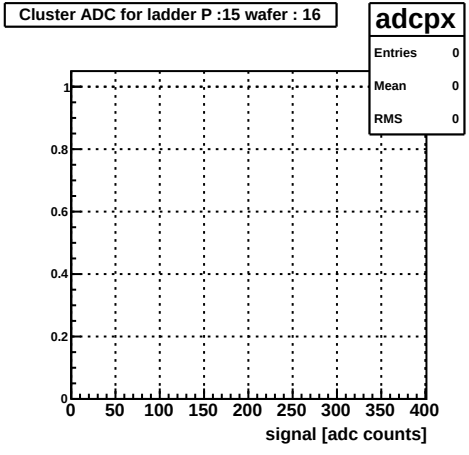

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 104
Mean 19.65
RMS 2.107
signal [adc counts]

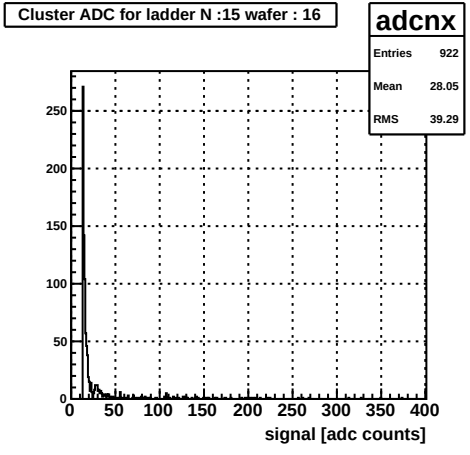

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 324
Mean 22.97
RMS 11.68
signal [adc counts]

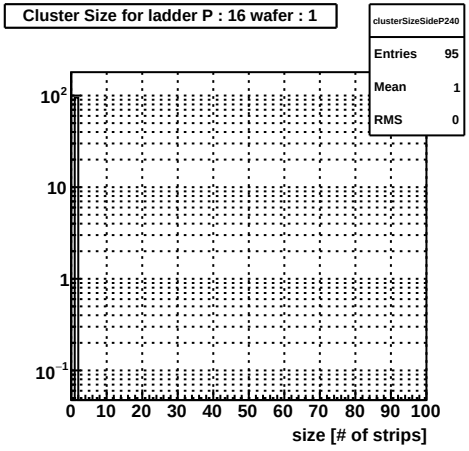

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

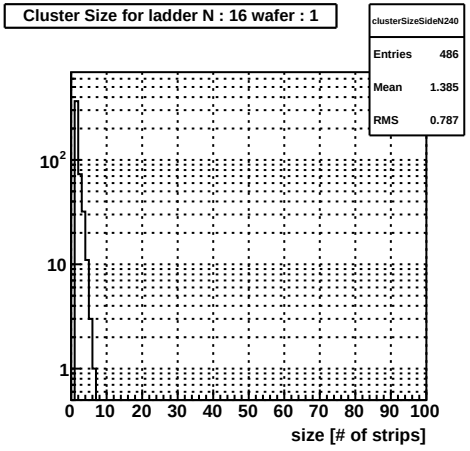

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 922
Mean 1.459
RMS 1.175
size [# of strips]

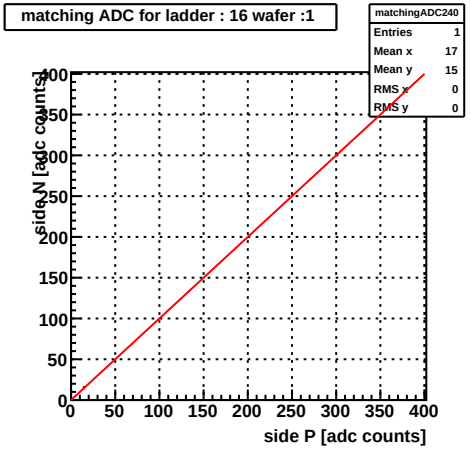

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

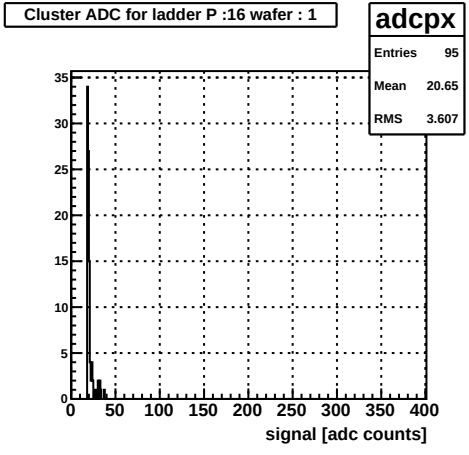

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

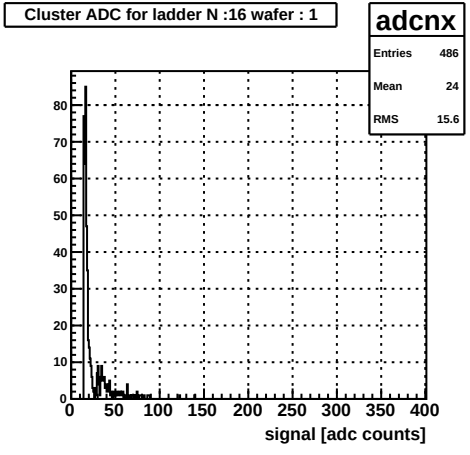

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 922
Mean 28.05
RMS 39.29
signal [adc counts]

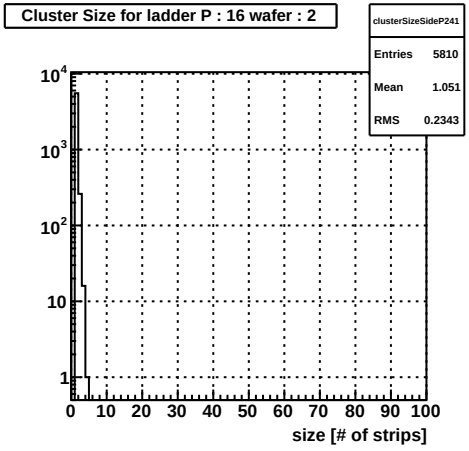

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 95
Mean 1
RMS 0
size [# of strips]

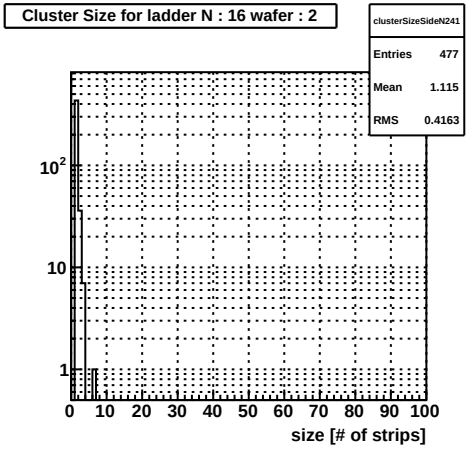

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 486
Mean 1.385
RMS 0.787
size [# of strips]

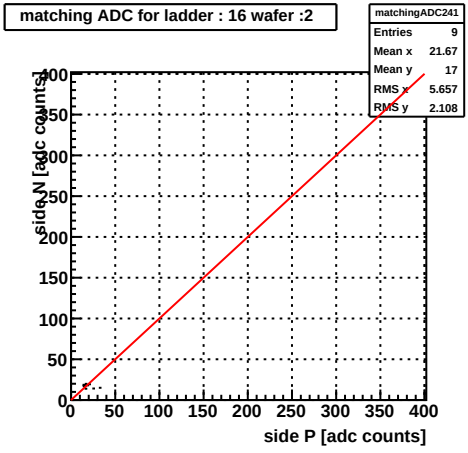

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

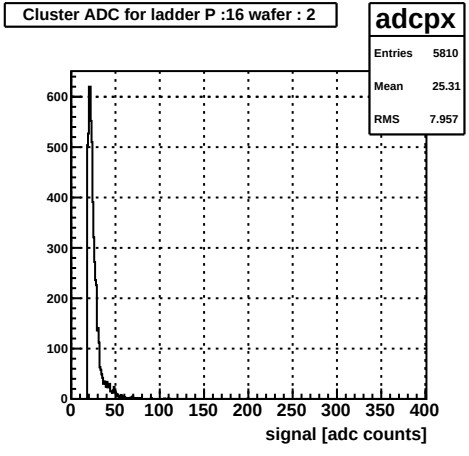

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 95
Mean 20.65
RMS 3.607
signal [adc counts]

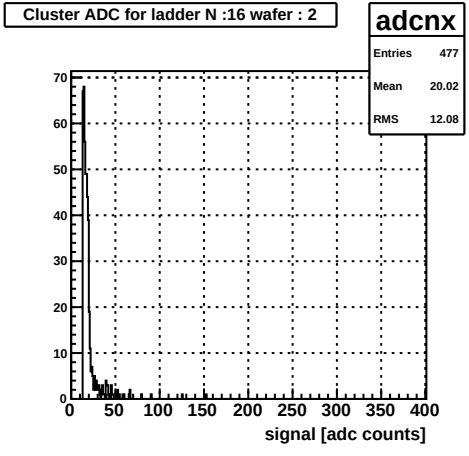

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 486
Mean 24
RMS 15.6
signal [adc counts]

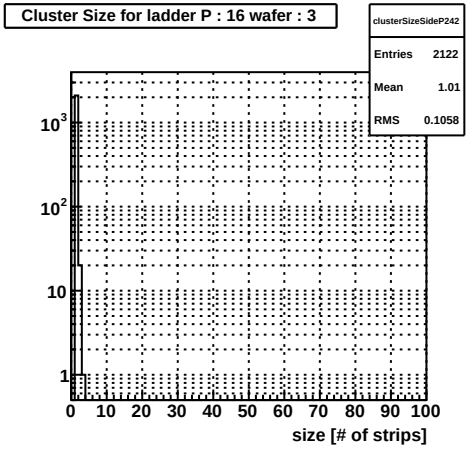

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5810
Mean 1.051
RMS 0.2343
size [# of strips]

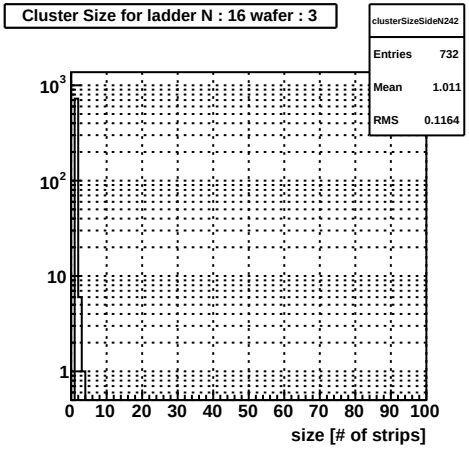

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 477
Mean 1.115
RMS 0.4163
size [# of strips]

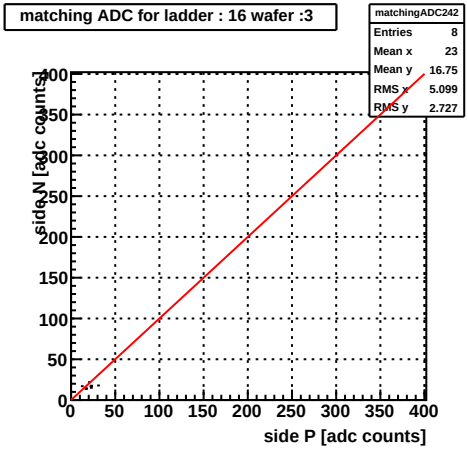

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 9
Mean x 21.67
Mean y 17
RMS x 5.657
RMS y 2.108
side N [adc counts]
side P [adc counts]

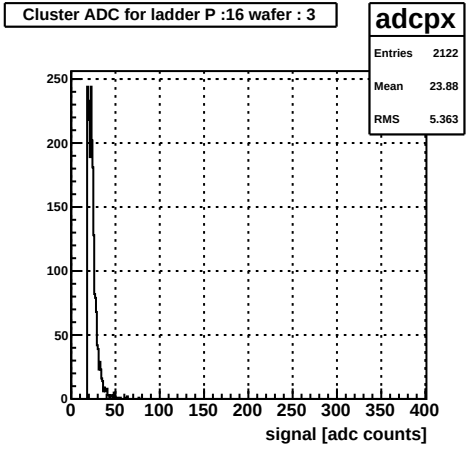

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5810
Mean 25.31
RMS 7.957
signal [adc counts]

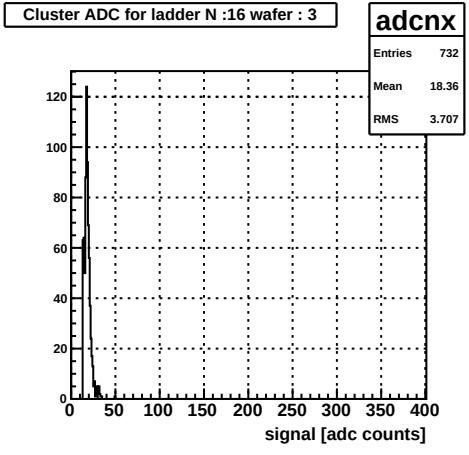

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 477
Mean 20.02
RMS 12.08
signal [adc counts]

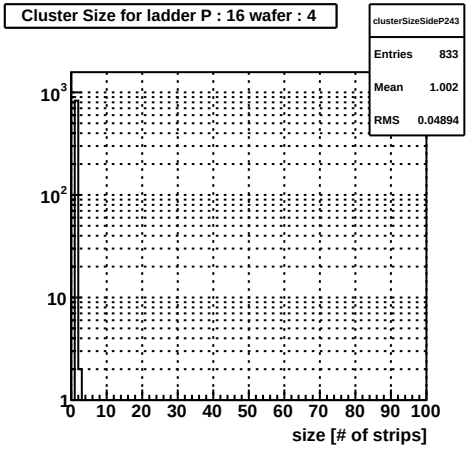

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2122
Mean 1.01
RMS 0.1058
size [# of strips]

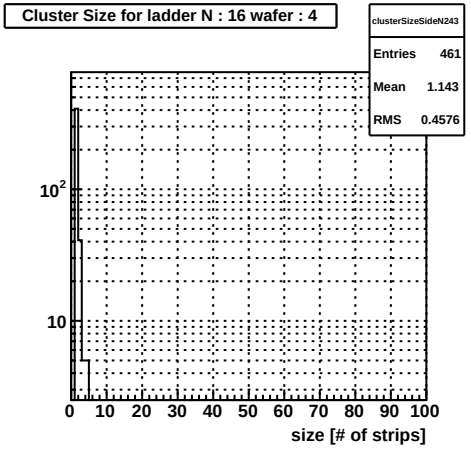

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 732
Mean 1.011
RMS 0.1164
size [# of strips]

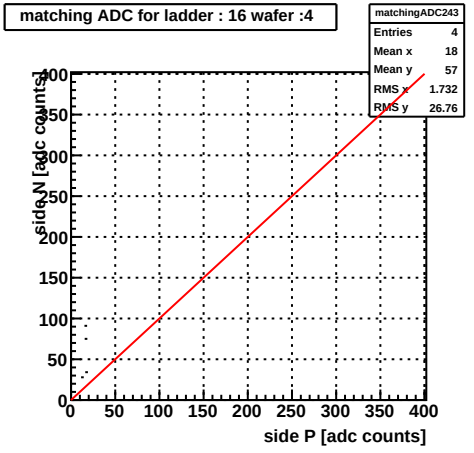

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 8
Mean x 23
Mean y 16.75
RMS x 5.099
RMS y 2.727
side N [adc counts]
side P [adc counts]

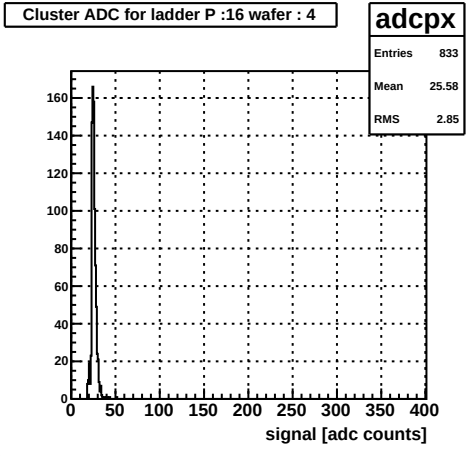

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2122
Mean 23.88
RMS 5.363
signal [adc counts]

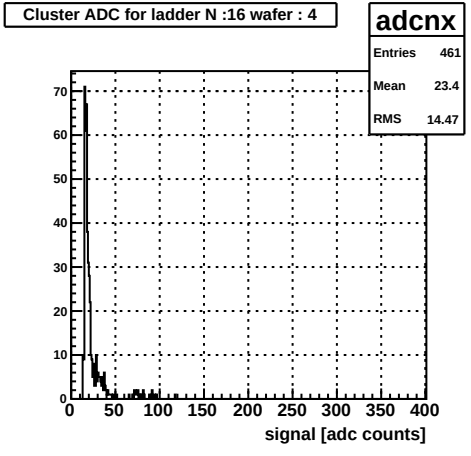

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 732
Mean 18.36
RMS 3.707
signal [adc counts]

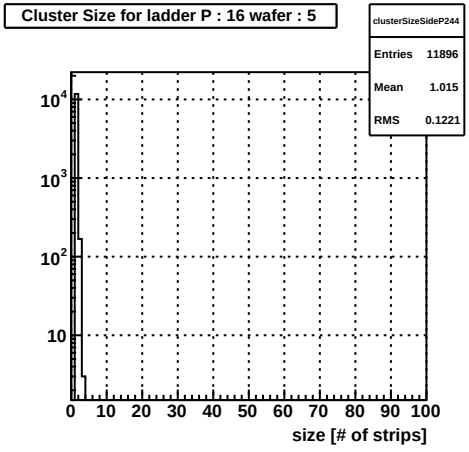

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 833
Mean 1.002
RMS 0.04894
size [# of strips]

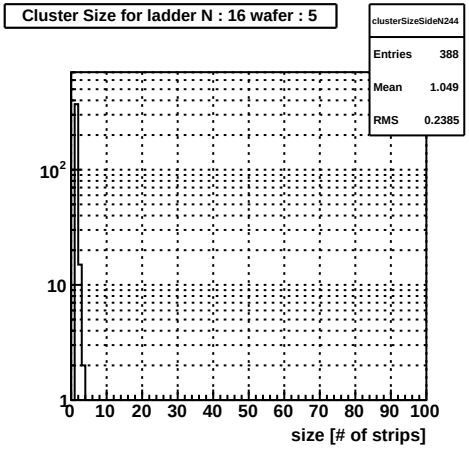

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 461
Mean 1.143
RMS 0.4576
size [# of strips]

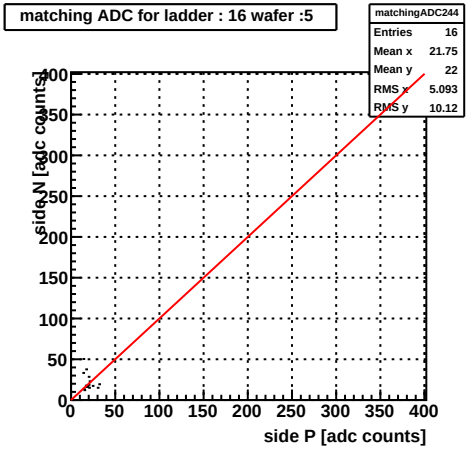

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 4
Mean x 18
Mean y 57
RMS x 1.732
RMS y 26.76
side N [adc counts]
side P [adc counts]

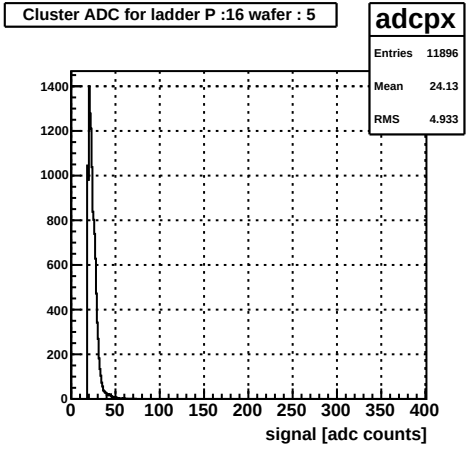

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 833
Mean 25.58
RMS 2.85
signal [adc counts]

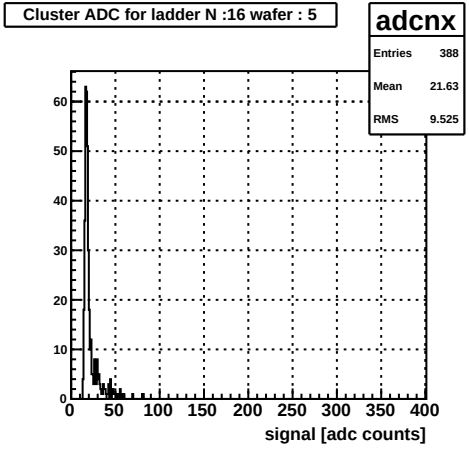

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 461
Mean 23.4
RMS 14.47
signal [adc counts]

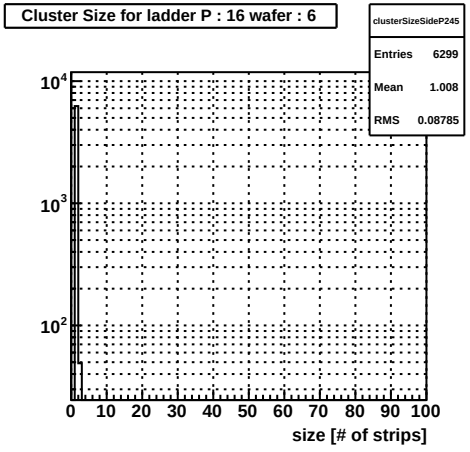

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11896
Mean 1.015
RMS 0.1221
size [# of strips]

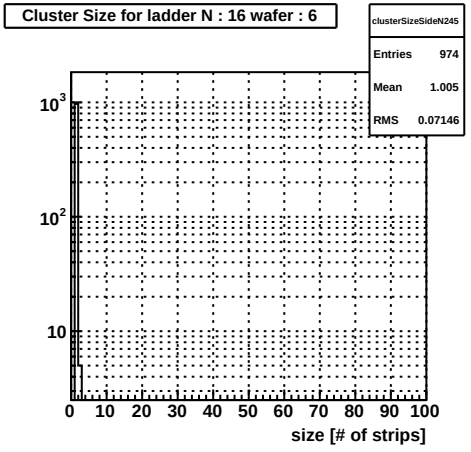

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 388
Mean 1.049
RMS 0.2385
size [# of strips]

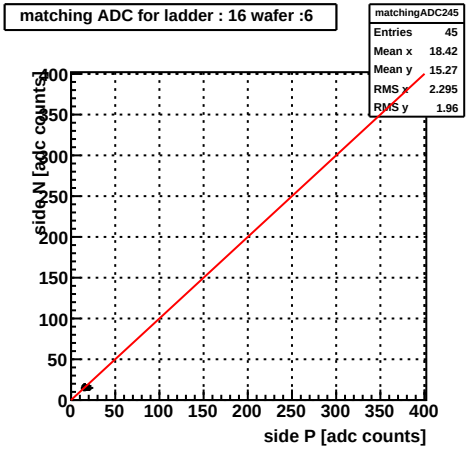

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 16
Mean x 21.75
Mean y 22
RMS x 5.093
RMS y 10.12
side N [adc counts]
side P [adc counts]

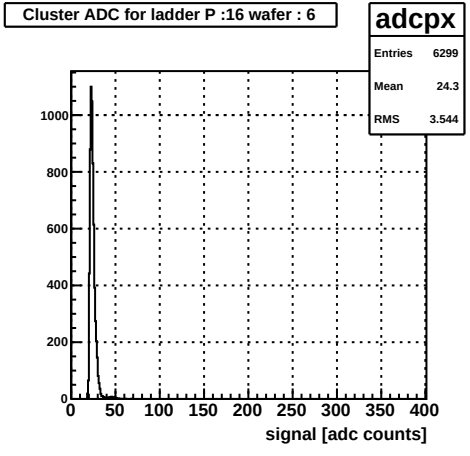

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11896
Mean 24.13
RMS 4.933
signal [adc counts]

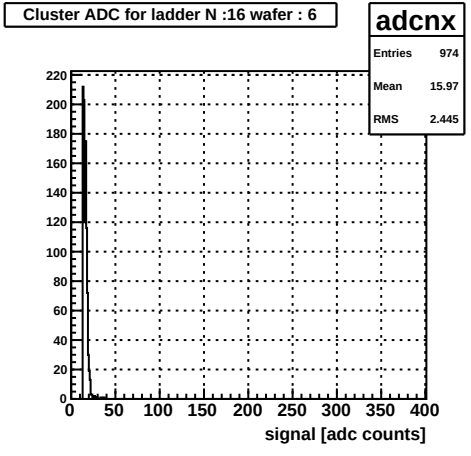

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 388
Mean 21.63
RMS 9.525
signal [adc counts]

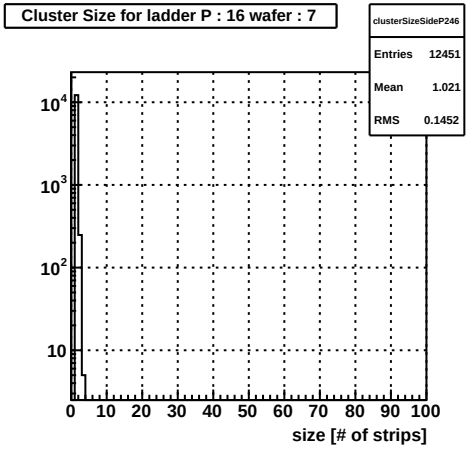

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 6299
Mean 1.008
RMS 0.08785
size [# of strips]

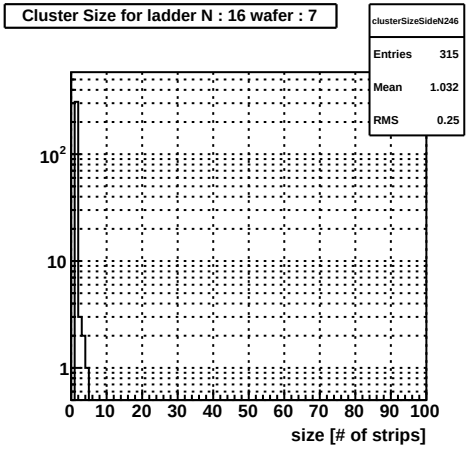

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 974
Mean 1.005
RMS 0.07146
size [# of strips]

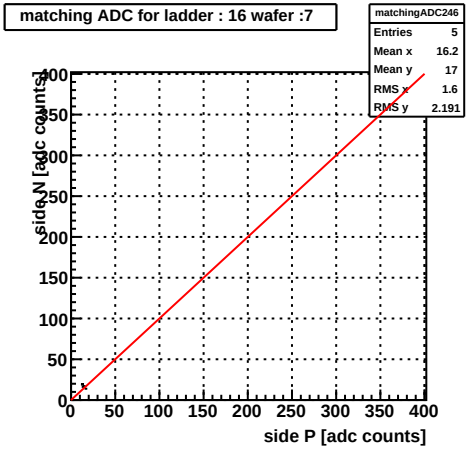

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 45
Mean x 18.42
Mean y 15.27
RMS x 2.295
RMS y 1.96
side N [adc counts]
side P [adc counts]

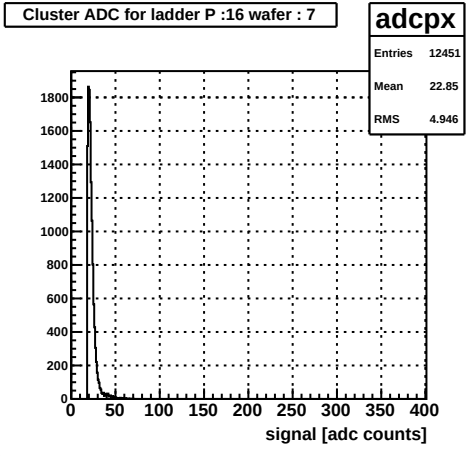

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 6299
Mean 24.3
RMS 3.544
signal [adc counts]

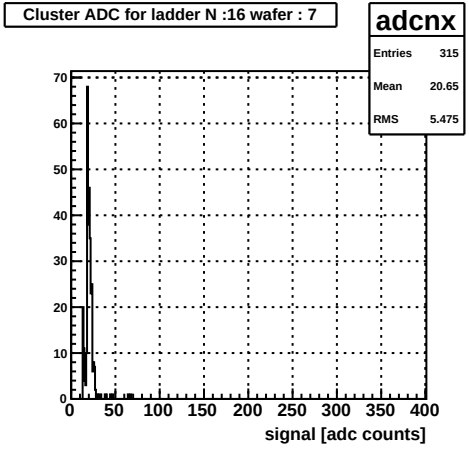

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 974
Mean 15.97
RMS 2.445
signal [adc counts]

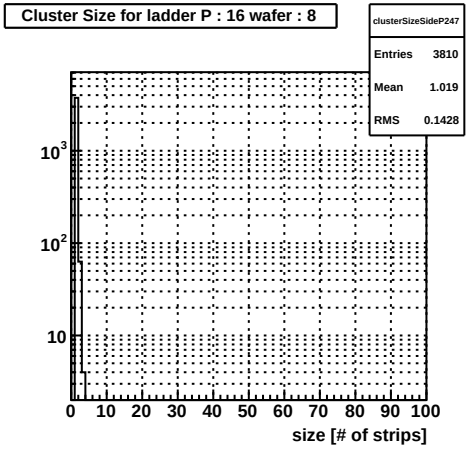

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12451
Mean 1.021
RMS 0.1452
size [# of strips]

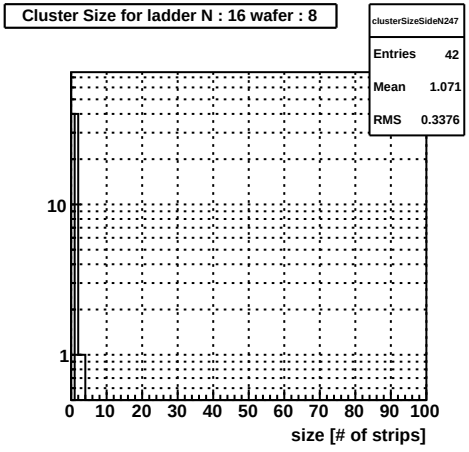

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 315
Mean 1.032
RMS 0.25
size [# of strips]

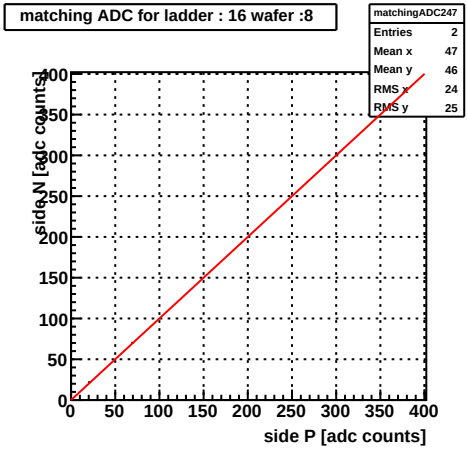

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 5
Mean x 16.2
Mean y 17
RMS x 1.6
RMS y 2.191
side N [adc counts]
side P [adc counts]

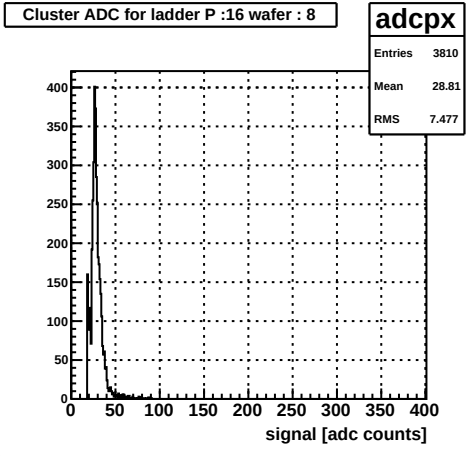

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12451
Mean 22.85
RMS 4.946
signal [adc counts]

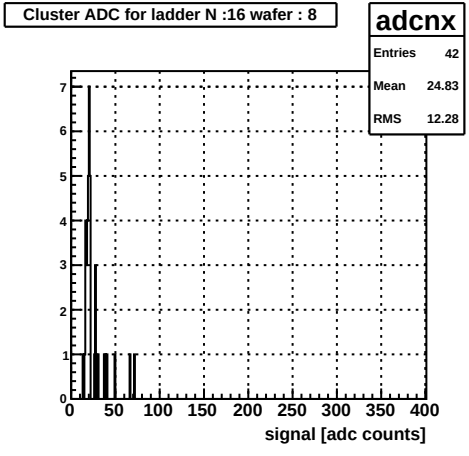

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 315
Mean 20.65
RMS 5.475
signal [adc counts]

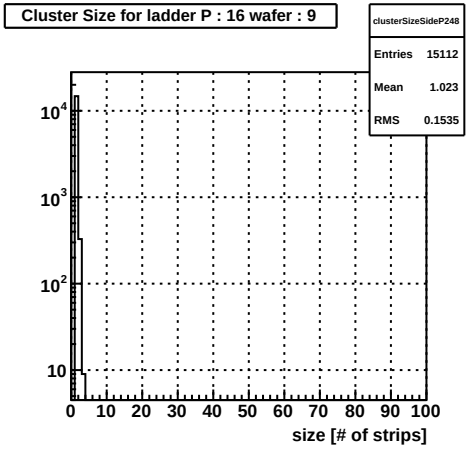

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 3810
Mean 1.019
RMS 0.1428
size [# of strips]

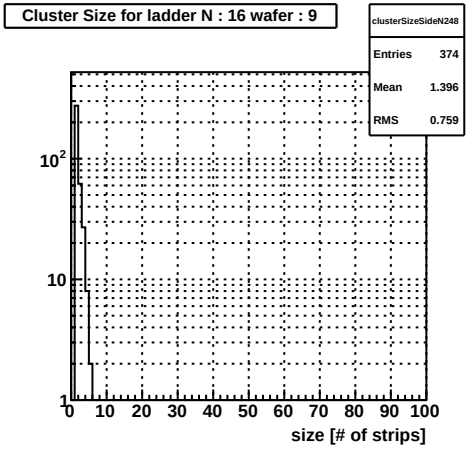

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 42
Mean 1.071
RMS 0.3376
size [# of strips]

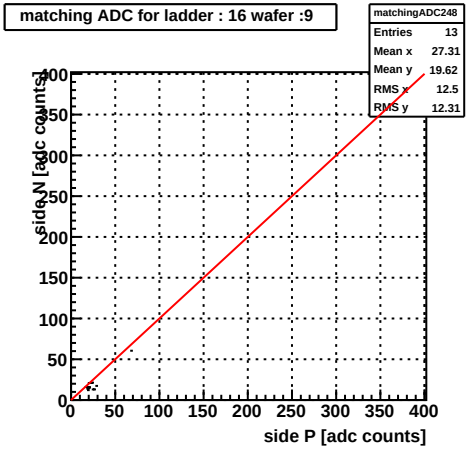

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 2
Mean x 47
Mean y 46
RMS x 24
RMS y 25
side N [adc counts]
side P [adc counts]

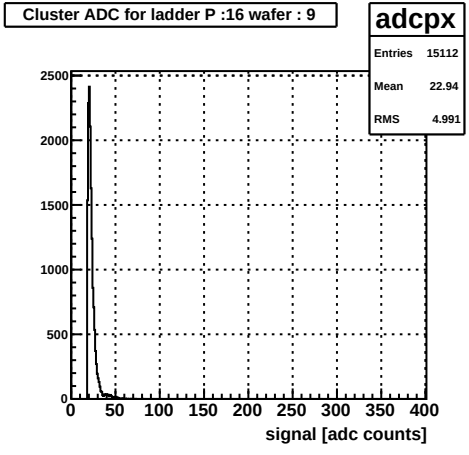

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 3810
Mean 28.81
RMS 7.477
signal [adc counts]

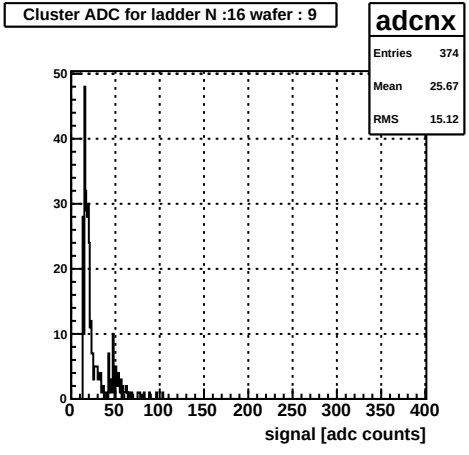

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 42
Mean 24.83
RMS 12.28
signal [adc counts]

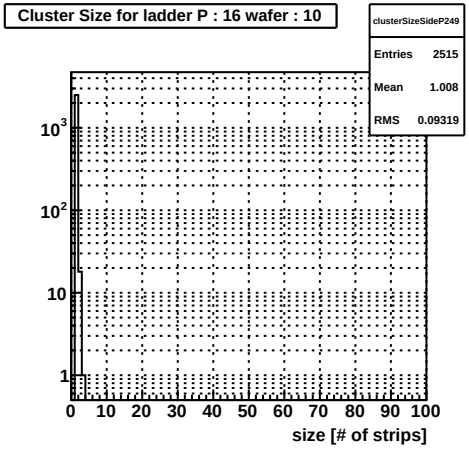

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 15112
Mean 1.023
RMS 0.1535
size [# of strips]

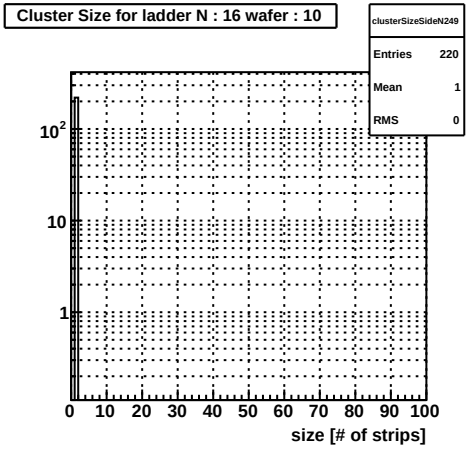

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 374
Mean 1.396
RMS 0.759
size [# of strips]

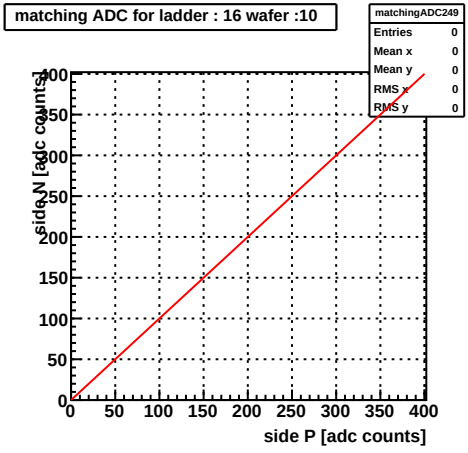

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 13
Mean x 27.31
Mean y 19.62
RMS x 12.5
RMS y 12.31
side N [adc counts]
side P [adc counts]

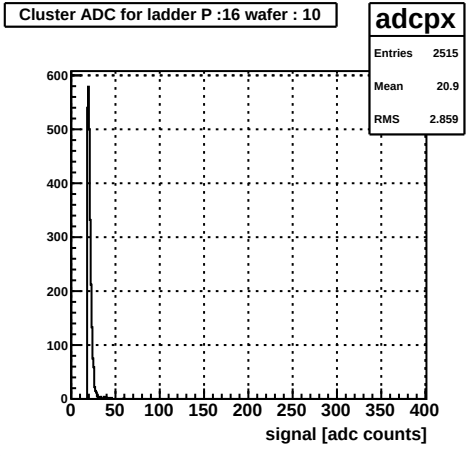

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 15112
Mean 22.94
RMS 4.991
signal [adc counts]

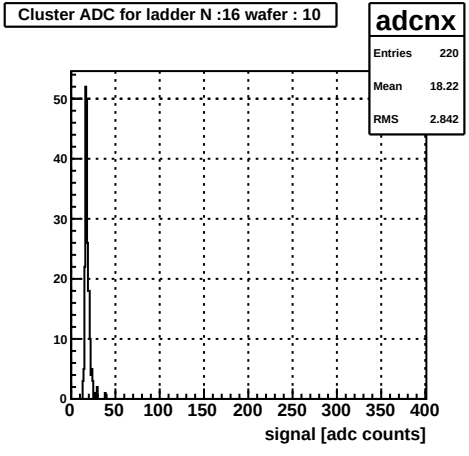

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 374
Mean 25.67
RMS 15.12
signal [adc counts]

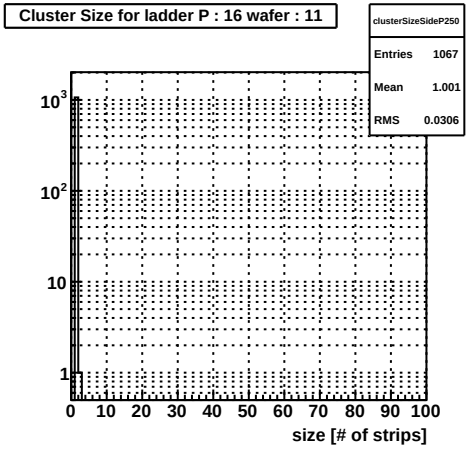

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 2515
Mean 1.008
RMS 0.09319
size [# of strips]

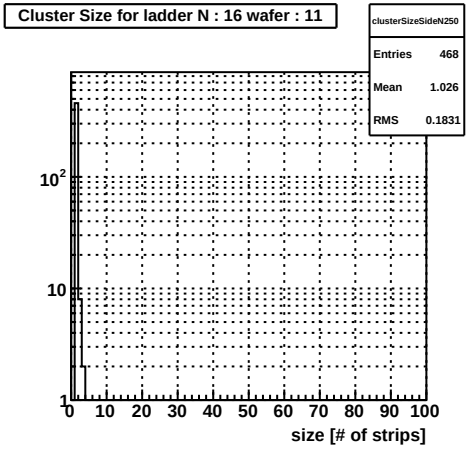

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 220
Mean 1
RMS 0
size [# of strips]

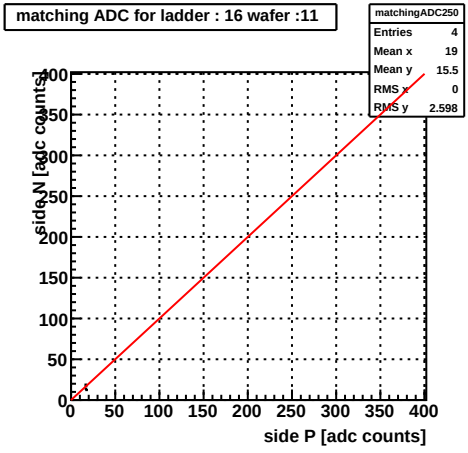

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

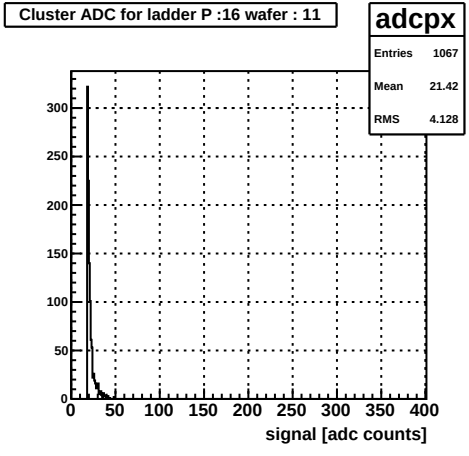

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 2515
Mean 20.9
RMS 2.859
signal [adc counts]

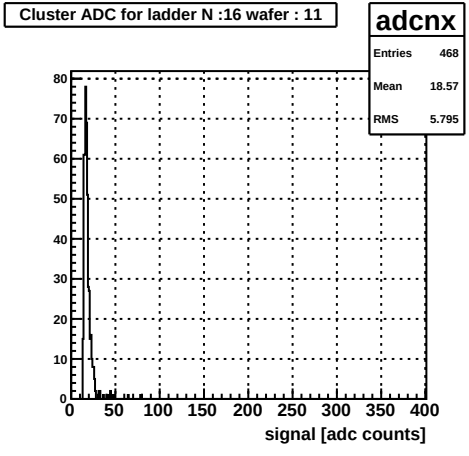

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 220
Mean 18.22
RMS 2.842
signal [adc counts]

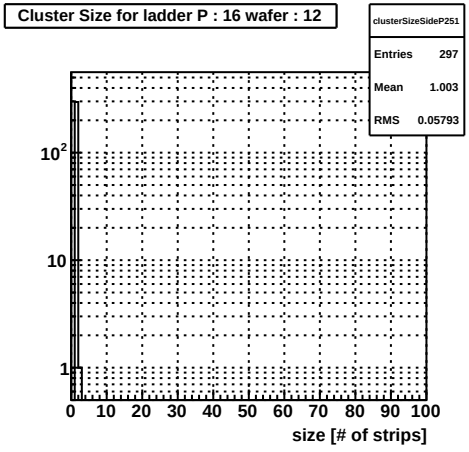

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1067
Mean 1.001
RMS 0.0306
size [# of strips]

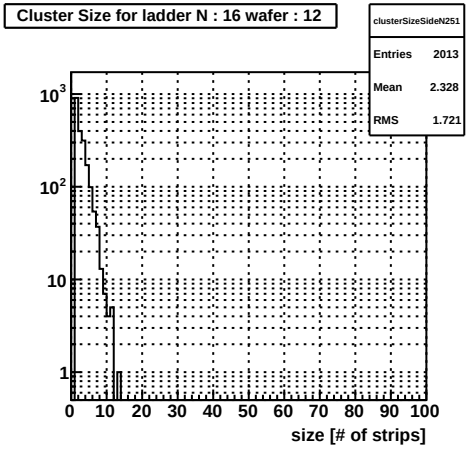

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 468
Mean 1.026
RMS 0.1831
size [# of strips]

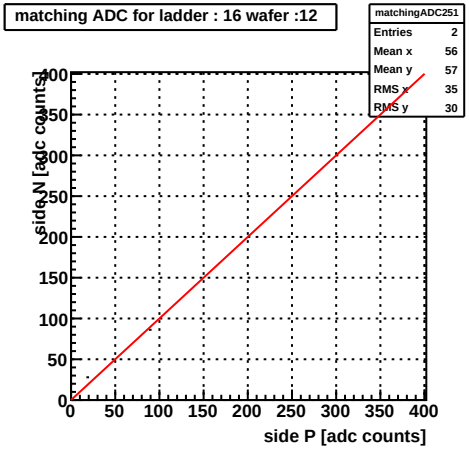

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 4
Mean x 19
Mean y 15.5
RMS x 0
RMS y 2.598
side N [adc counts]
side P [adc counts]

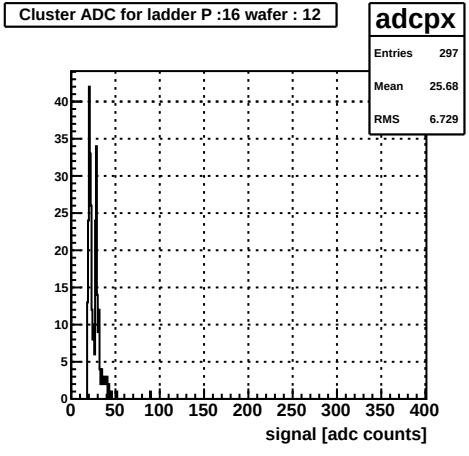

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1067
Mean 21.42
RMS 4.128
signal [adc counts]

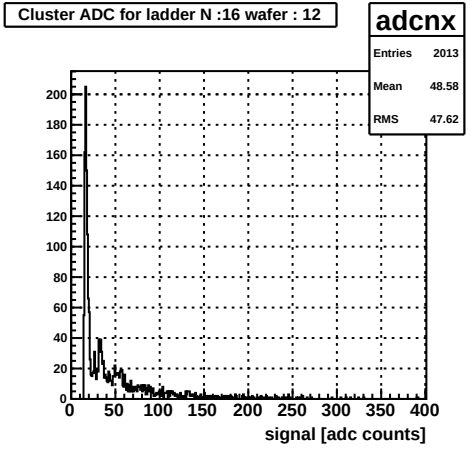

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 468
Mean 18.57
RMS 5.795
signal [adc counts]

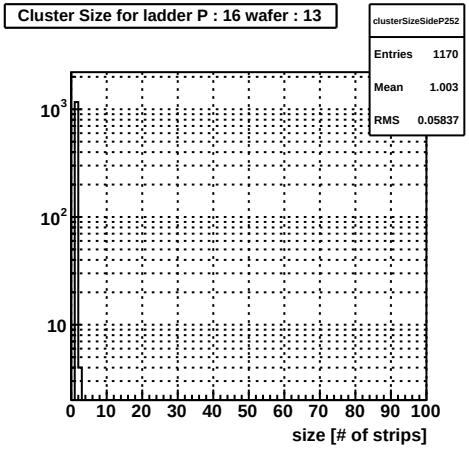

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 297
Mean 1.003
RMS 0.05793
size [# of strips]

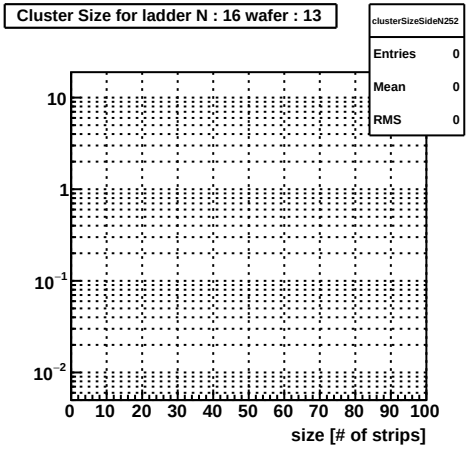

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2013
Mean 2.328
RMS 1.721
size [# of strips]

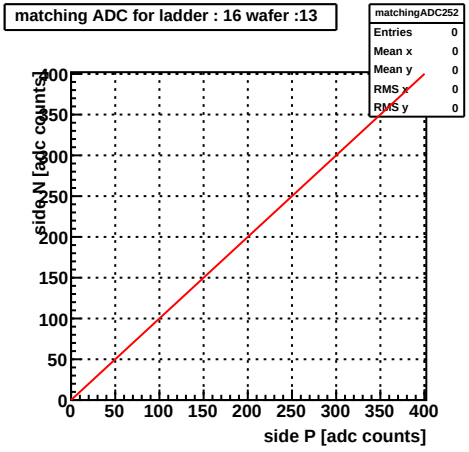

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 2
Mean x 56
Mean y 57
RMS x 35
RMS y 30
side N [adc counts]
side P [adc counts]

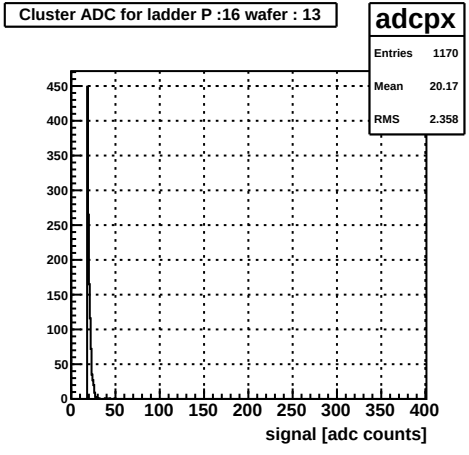

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 297
Mean 25.68
RMS 6.729
signal [adc counts]

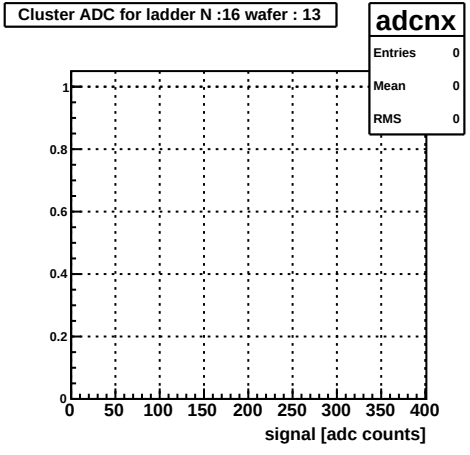

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2013
Mean 48.58
RMS 47.62
signal [adc counts]

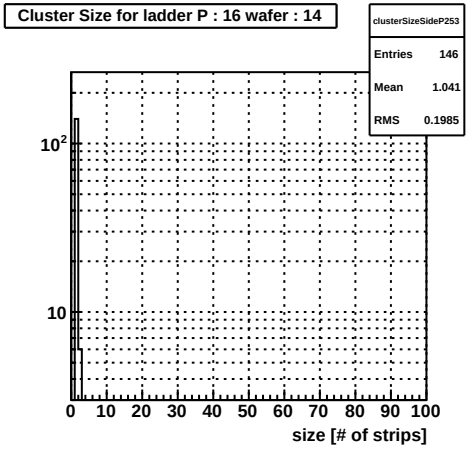

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1170
Mean 1.003
RMS 0.05837
size [# of strips]

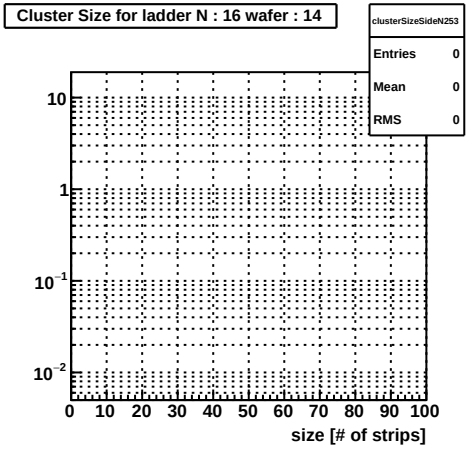

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

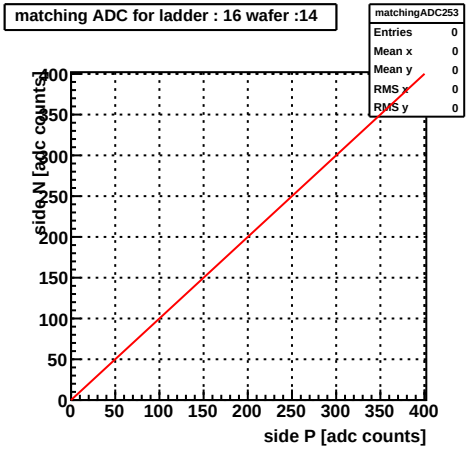

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

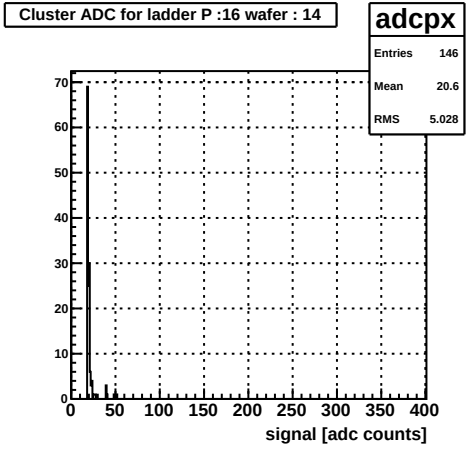

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1170
Mean 20.17
RMS 2.358
signal [adc counts]

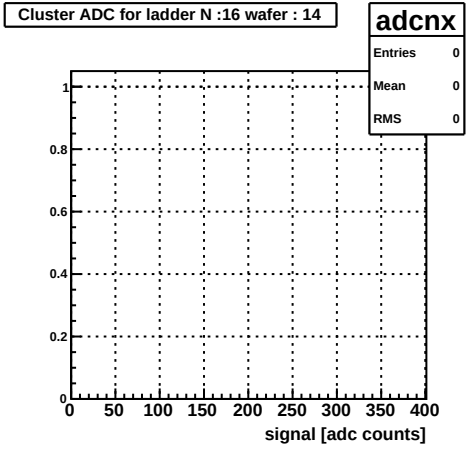

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

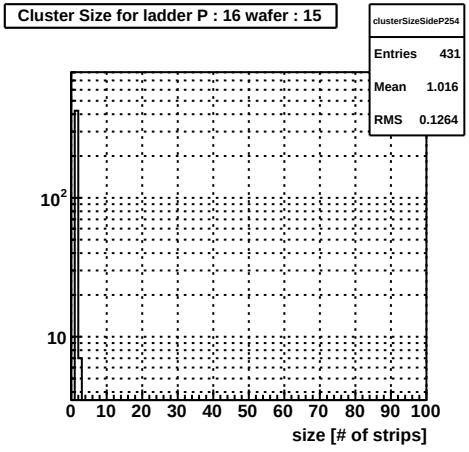

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 146
Mean 1.041
RMS 0.1985
size [# of strips]

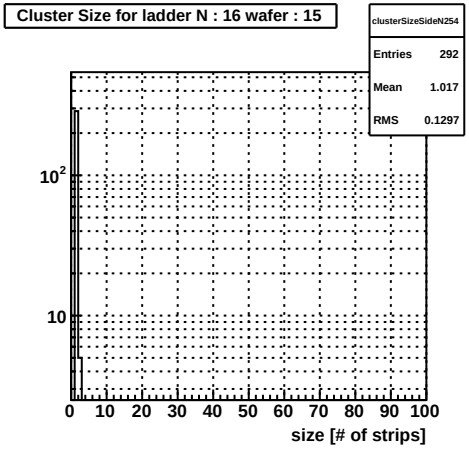

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

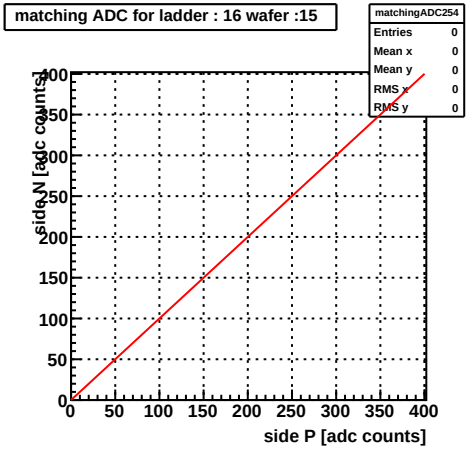

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

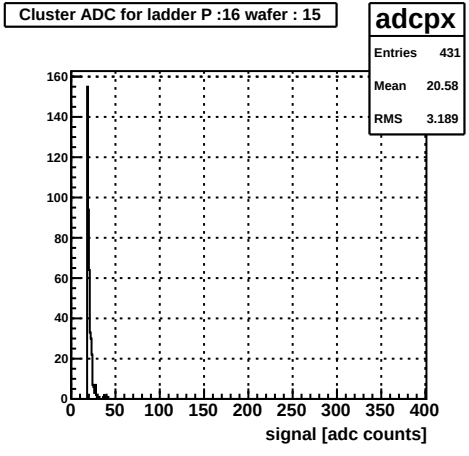

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 146
Mean 20.6
RMS 5.028
signal [adc counts]

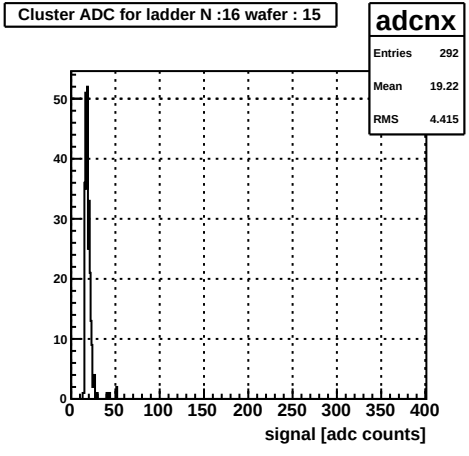

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

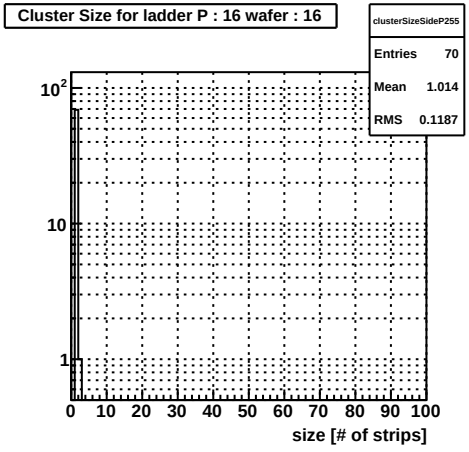

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 431
Mean 1.016
RMS 0.1264
size [# of strips]

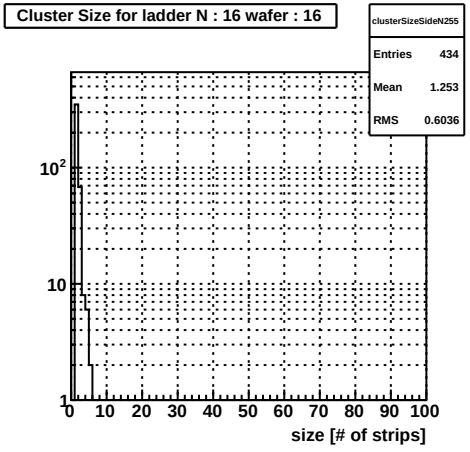

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 292
Mean 1.017
RMS 0.1297
size [# of strips]

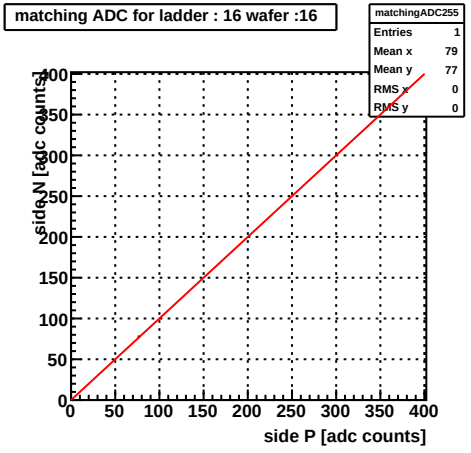

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

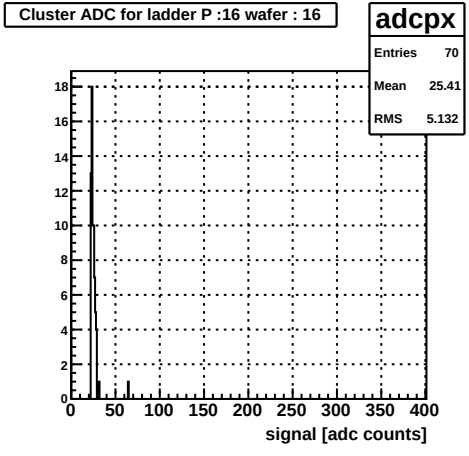

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 431
Mean 20.58
RMS 3.189
signal [adc counts]

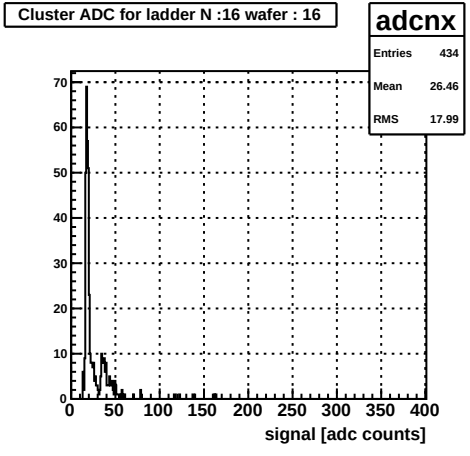

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 292
Mean 19.22
RMS 4.415
signal [adc counts]

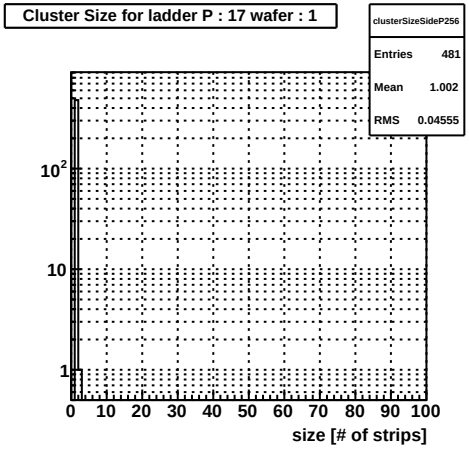

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 70
Mean 1.014
RMS 0.1187
size [# of strips]

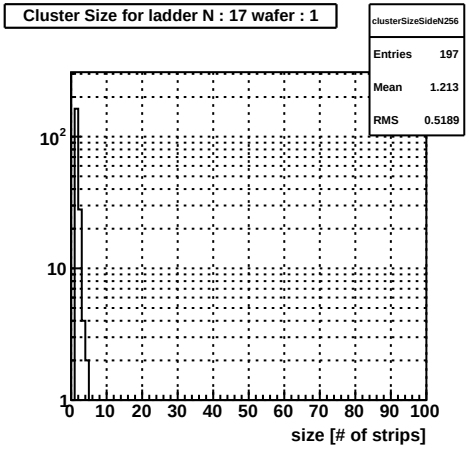

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 434
Mean 1.253
RMS 0.6036
size [# of strips]

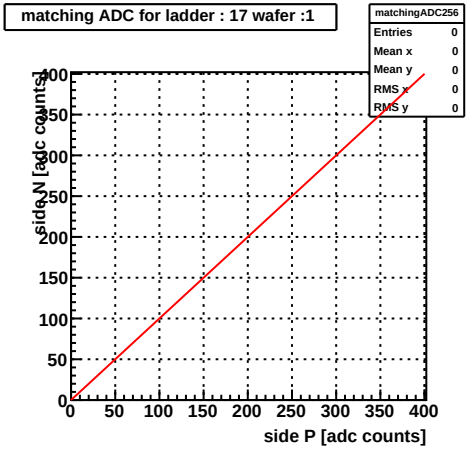

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1
Mean x 79
Mean y 77
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

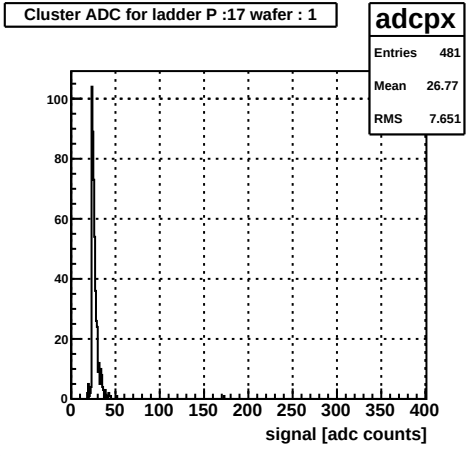

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 70
Mean 25.41
RMS 5.132
signal [adc counts]

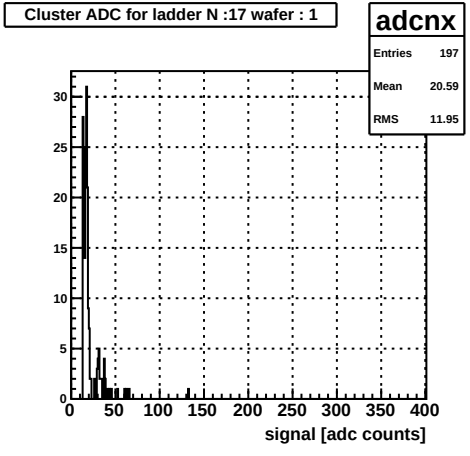

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 434
Mean 26.46
RMS 17.99
signal [adc counts]

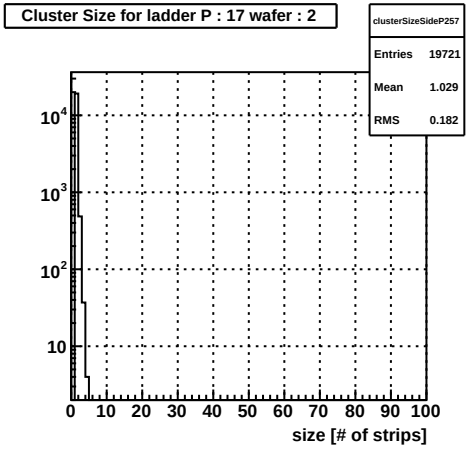

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 481
Mean 1.002
RMS 0.04555
size [# of strips]

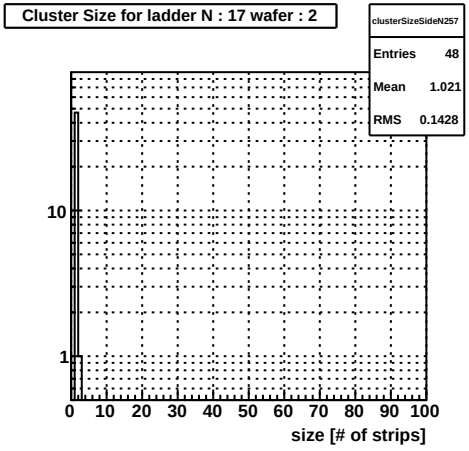

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 197
Mean 1.213
RMS 0.5189
size [# of strips]

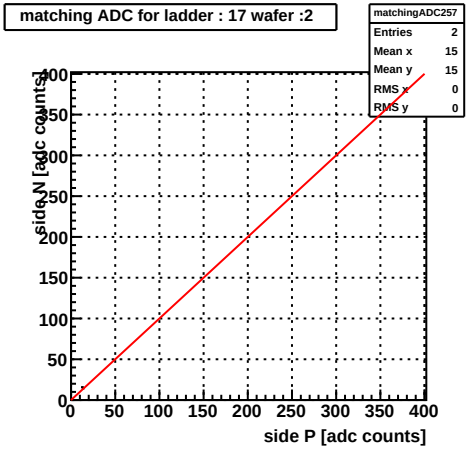

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

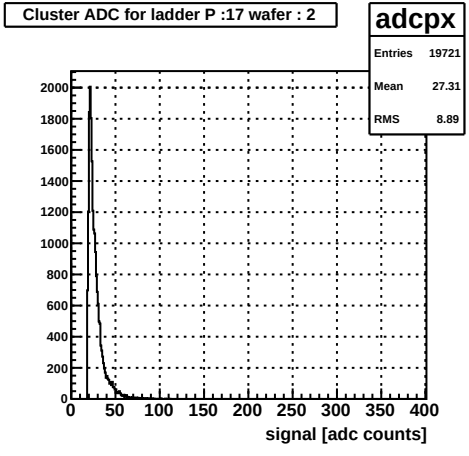

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 481
Mean 26.77
RMS 7.651
signal [adc counts]

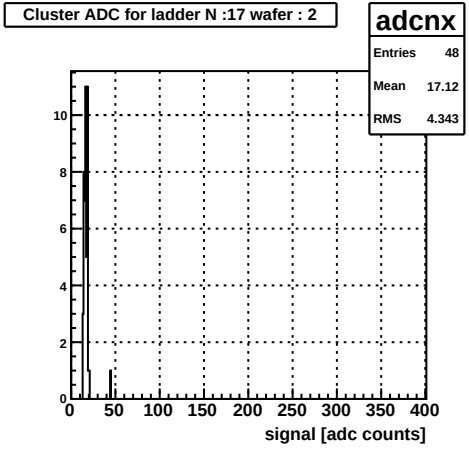

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 197
Mean 20.59
RMS 11.95
signal [adc counts]

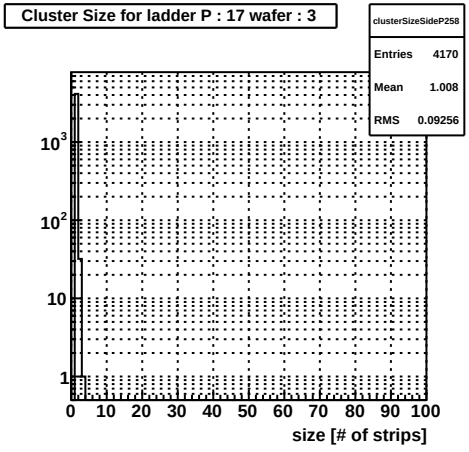

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 19721
Mean 1.029
RMS 0.182
size [# of strips]

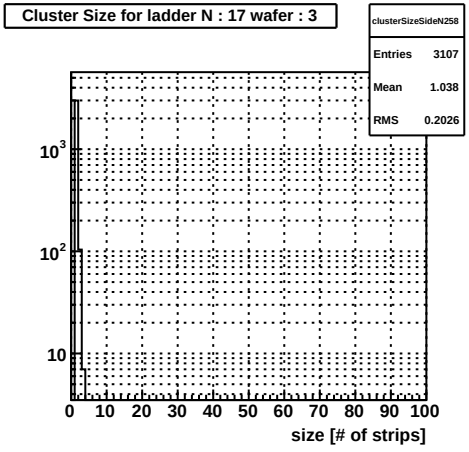

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 48
Mean 1.021
RMS 0.1428
size [# of strips]

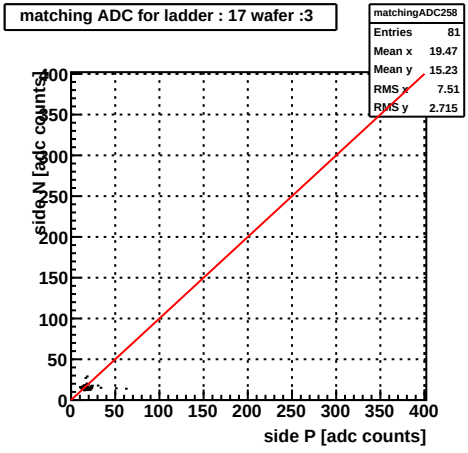

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

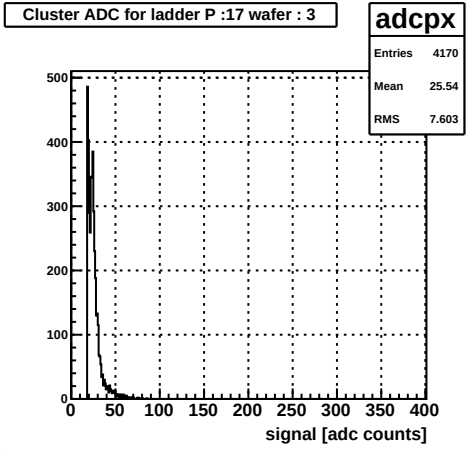

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 19721
Mean 27.31
RMS 8.89
signal [adc counts]

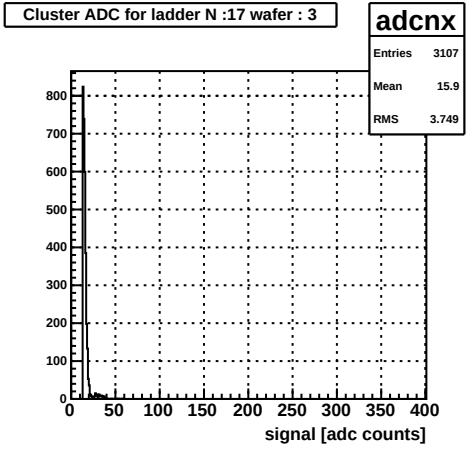

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 48
Mean 17.12
RMS 4.343
signal [adc counts]

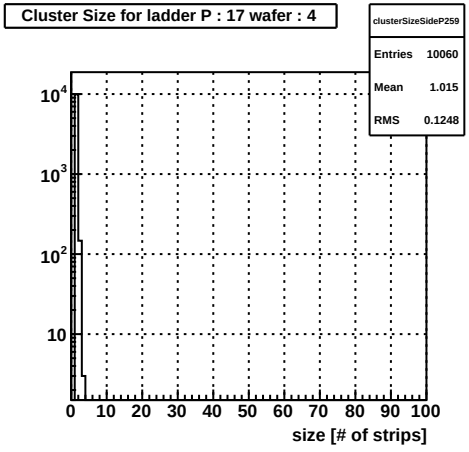

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4170
Mean 1.008
RMS 0.09256
size [# of strips]

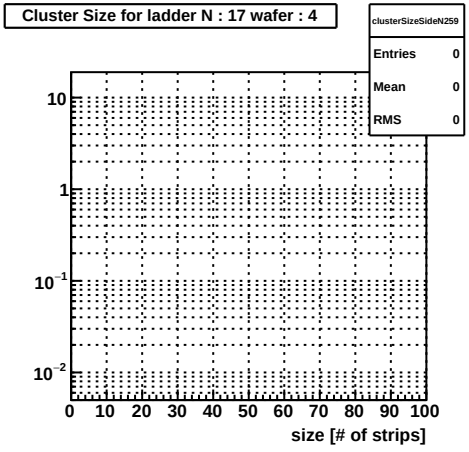

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 3107
Mean 1.038
RMS 0.2026
size [# of strips]

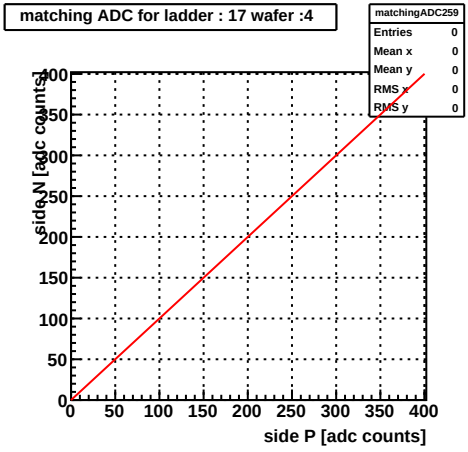

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 81
Mean x 19.47
Mean y 15.23
RMS x 7.51
RMS y 2.715
side N [adc counts]
side P [adc counts]

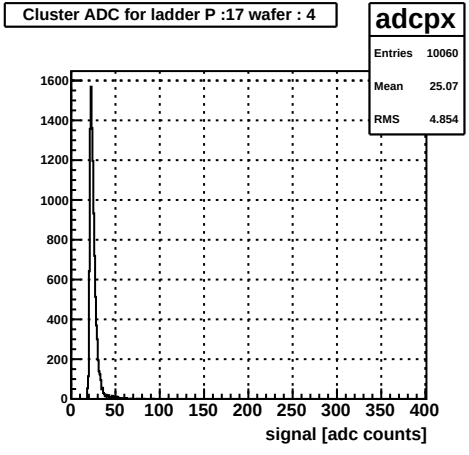

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4170
Mean 25.54
RMS 7.603
signal [adc counts]

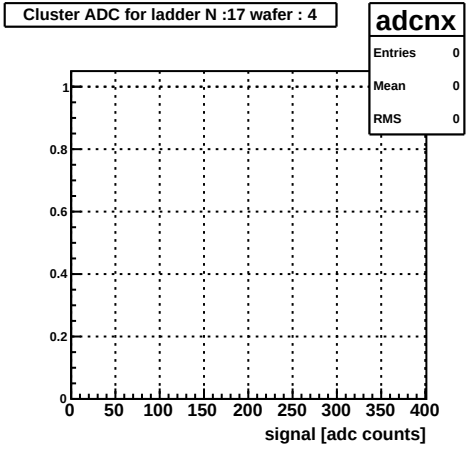

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 3107
Mean 15.9
RMS 3.749
signal [adc counts]

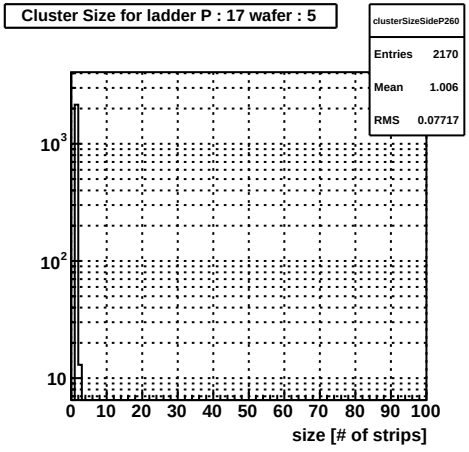

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10060
Mean 1.015
RMS 0.1248
size [# of strips]

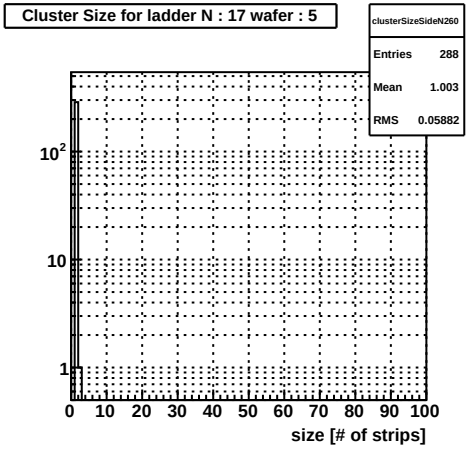

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

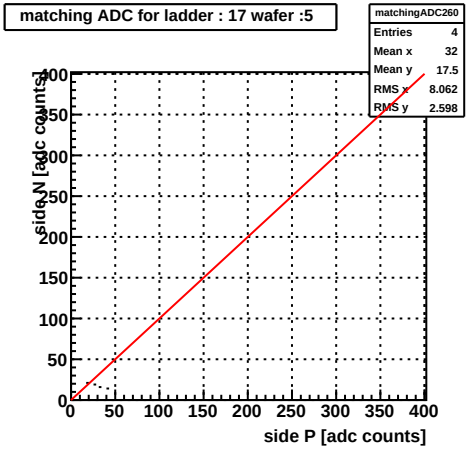

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

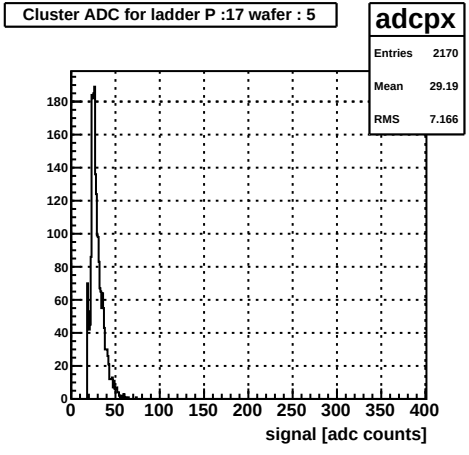

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10060
Mean 25.07
RMS 4.854
signal [adc counts]

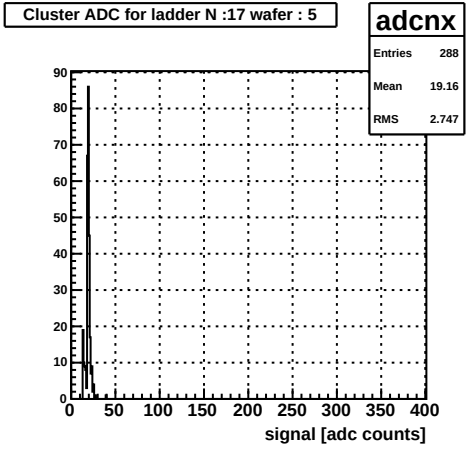

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

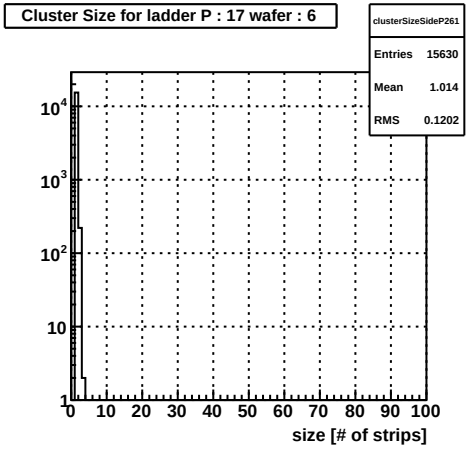

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2170
Mean 1.006
RMS 0.07717
size [# of strips]

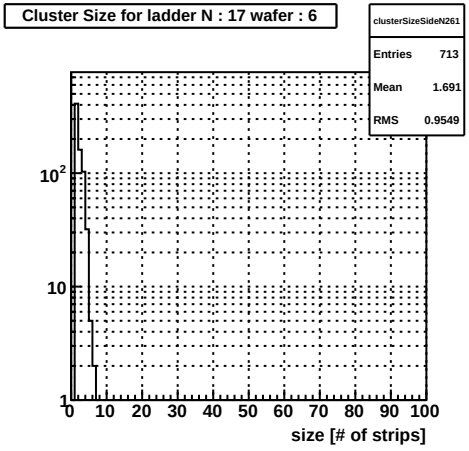

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 288
Mean 1.003
RMS 0.05882
size [# of strips]

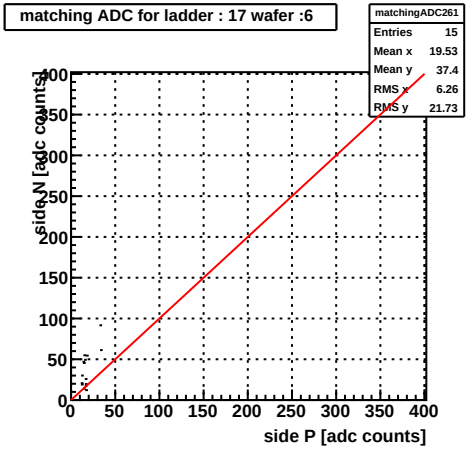

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 4
Mean x 32
Mean y 17.5
RMS x 8.062
RMS y 2.598
side N [adc counts]
side P [adc counts]

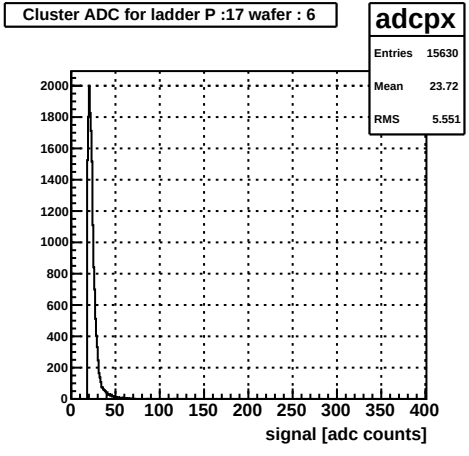

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2170
Mean 29.19
RMS 7.166
signal [adc counts]

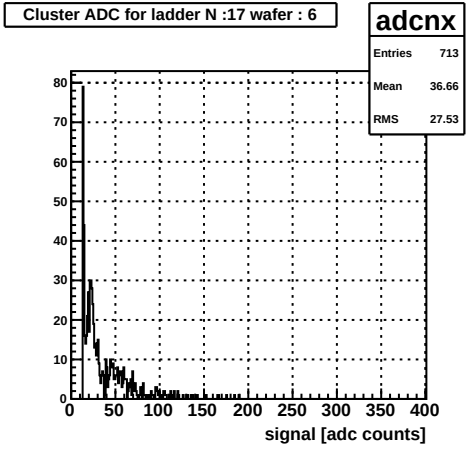

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 288
Mean 19.16
RMS 2.747
signal [adc counts]

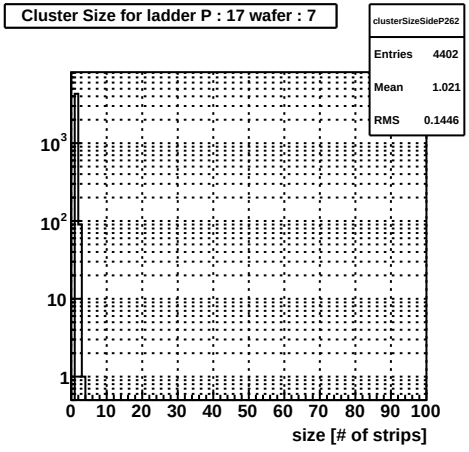

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15630
Mean 1.014
RMS 0.1202
size [# of strips]

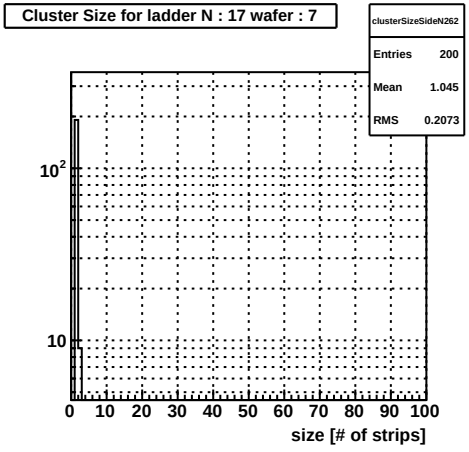

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 713
Mean 1.691
RMS 0.9549
size [# of strips]

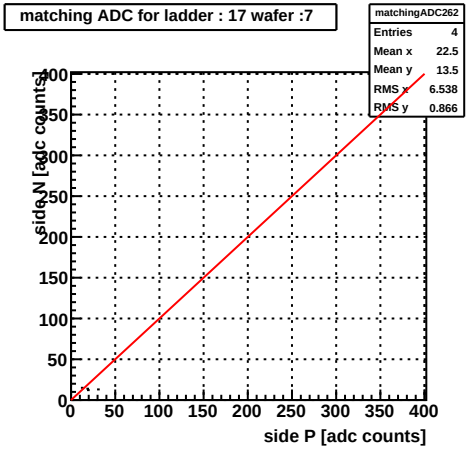

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 15
Mean x 19.53
Mean y 37.4
RMS x 6.26
RMS y 21.73
side N [adc counts]
side P [adc counts]

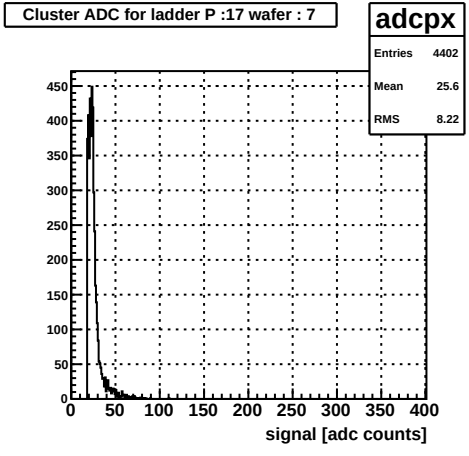

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15630
Mean 23.72
RMS 5.551
signal [adc counts]

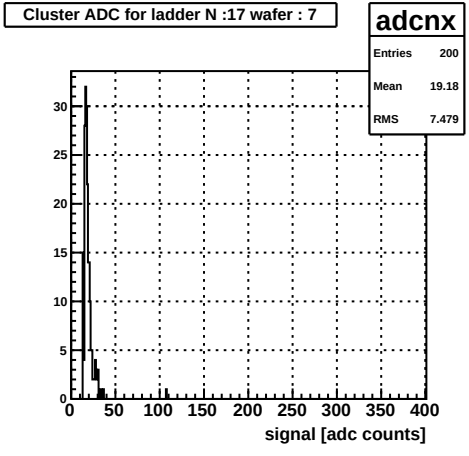

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 713
Mean 36.66
RMS 27.53
signal [adc counts]

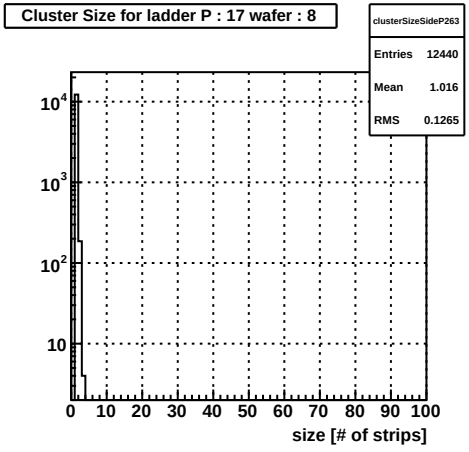

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 4402
Mean 1.021
RMS 0.1446
size [# of strips]

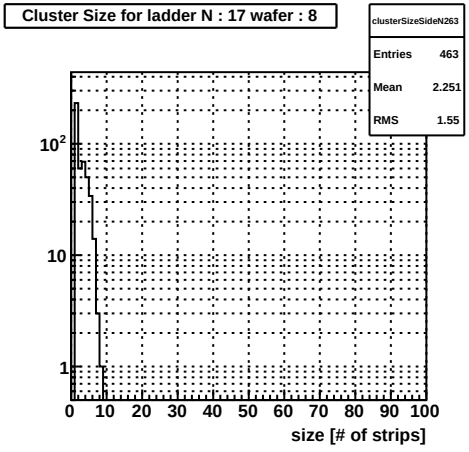

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 200
Mean 1.045
RMS 0.2073
size [# of strips]

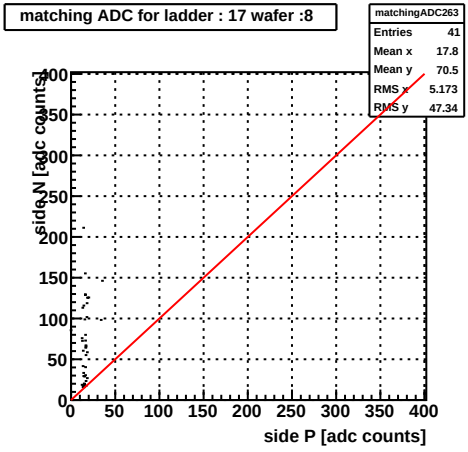

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 4
Mean x 22.5
Mean y 13.5
RMS x 6.538
RMS y 0.866
side N [adc counts]
side P [adc counts]

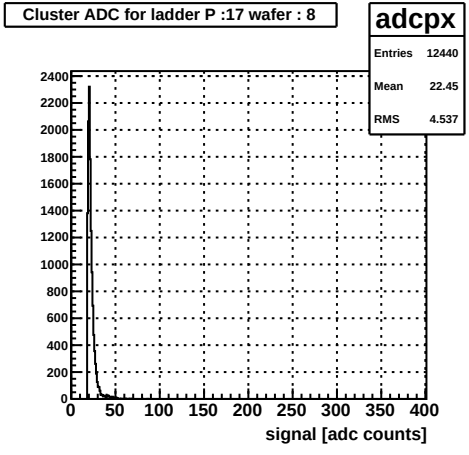

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 4402
Mean 25.6
RMS 8.22
signal [adc counts]

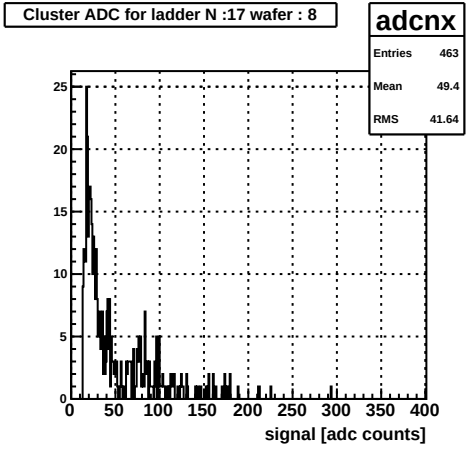

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 200
Mean 19.18
RMS 7.479
signal [adc counts]

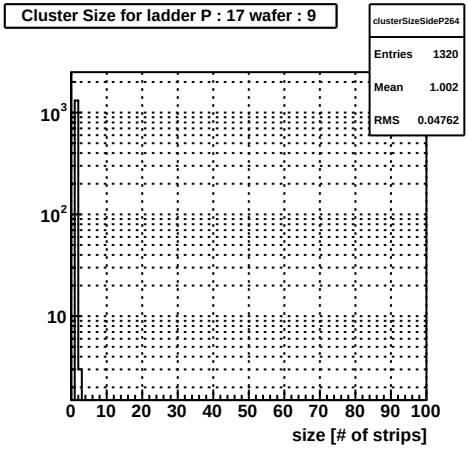

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 12440
Mean 1.016
RMS 0.1265
size [# of strips]

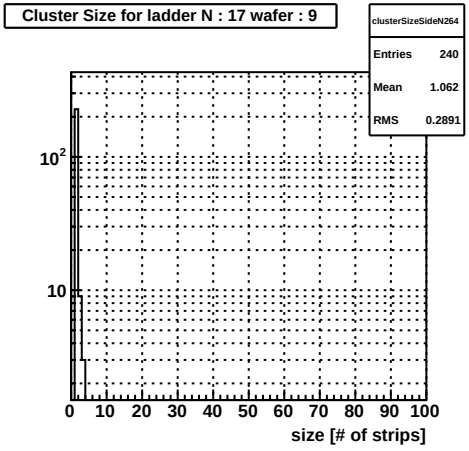

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 463
Mean 2.251
RMS 1.55
size [# of strips]

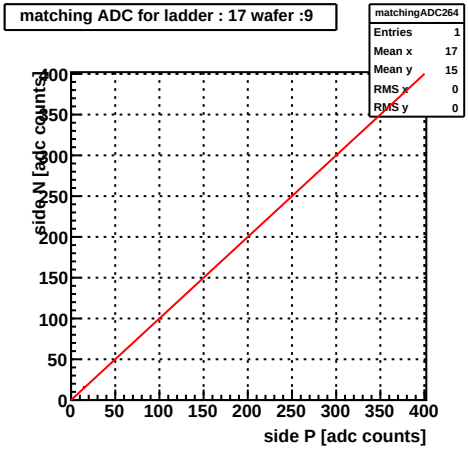

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 41
Mean x 17.8
Mean y 70.5
RMS x 5.173
RMS y 47.34
side N [adc counts]
side P [adc counts]

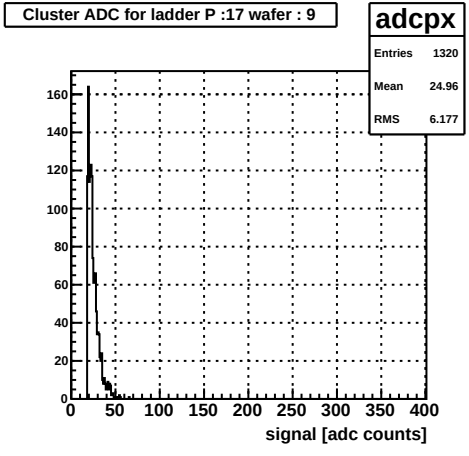

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 12440
Mean 22.45
RMS 4.537
signal [adc counts]

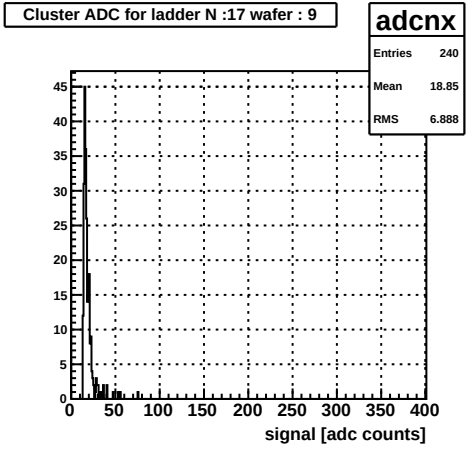

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 463
Mean 49.4
RMS 41.64
signal [adc counts]

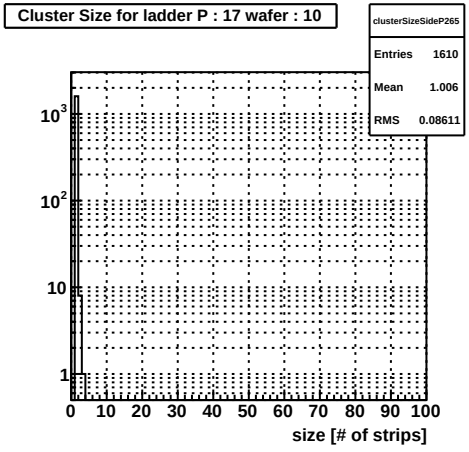

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 1320
Mean 1.002
RMS 0.04762
size [# of strips]

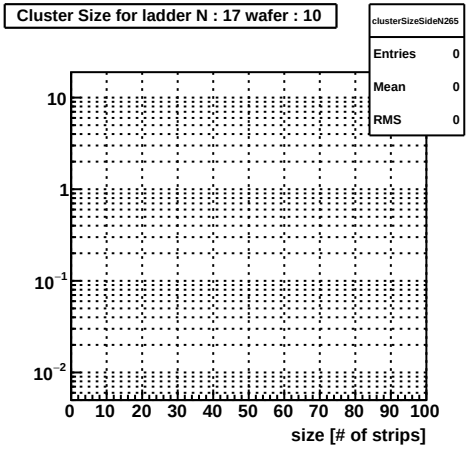

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 240
Mean 1.062
RMS 0.2891
size [# of strips]

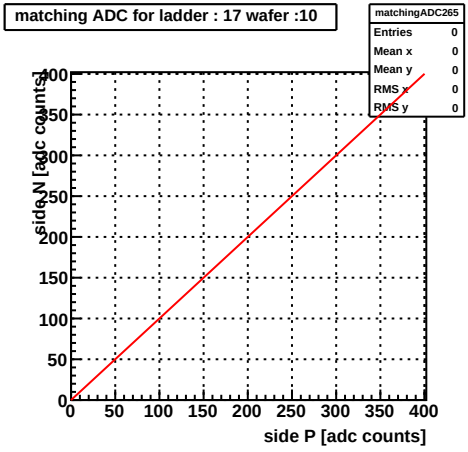

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

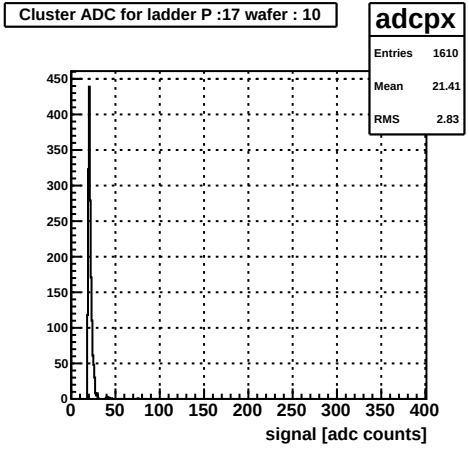

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 1320
Mean 24.96
RMS 6.177
signal [adc counts]

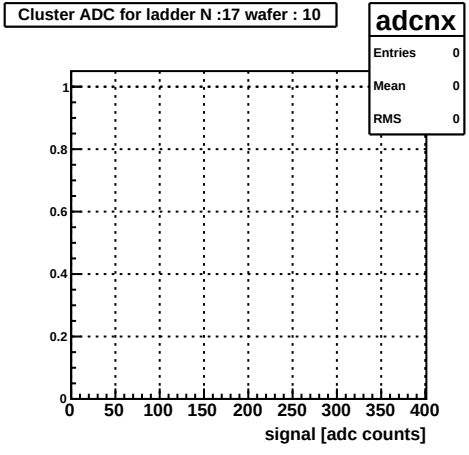

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 240
Mean 18.85
RMS 6.888
signal [adc counts]

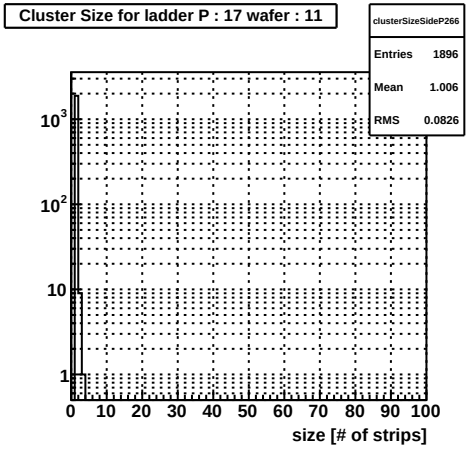

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1610
Mean 1.006
RMS 0.08611
size [# of strips]

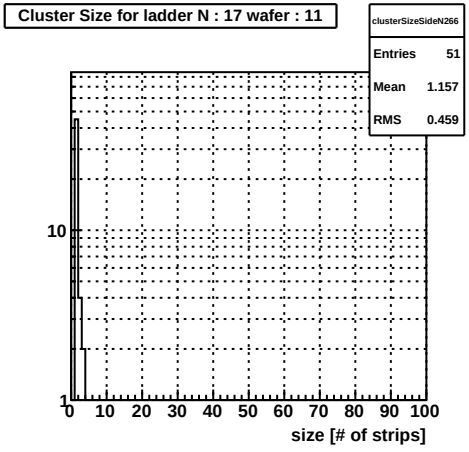

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 0
Mean 0
RMS 0
size [# of strips]

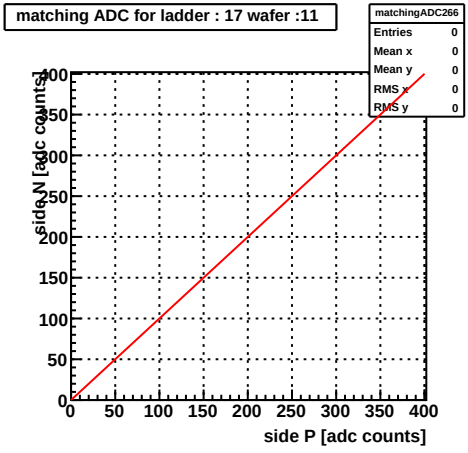

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

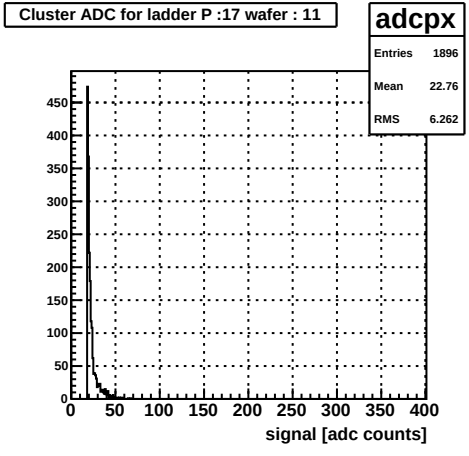

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1610
Mean 21.41
RMS 2.83
signal [adc counts]

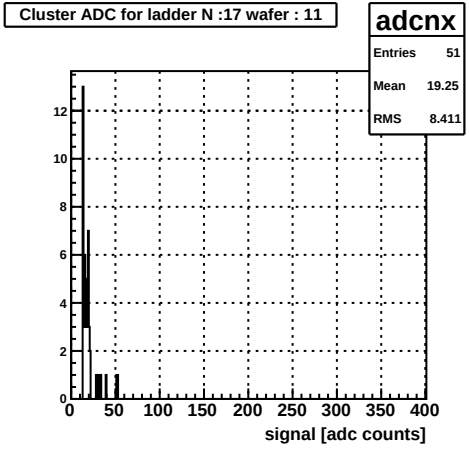

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

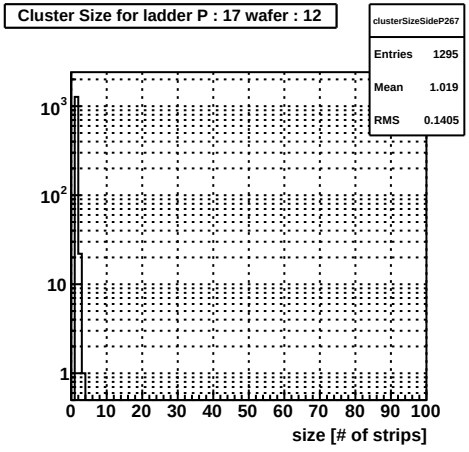

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1896
Mean 1.006
RMS 0.0826
size [# of strips]

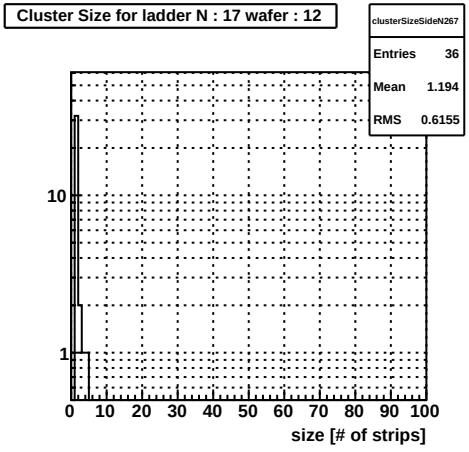

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 51
Mean 1.157
RMS 0.459
size [# of strips]

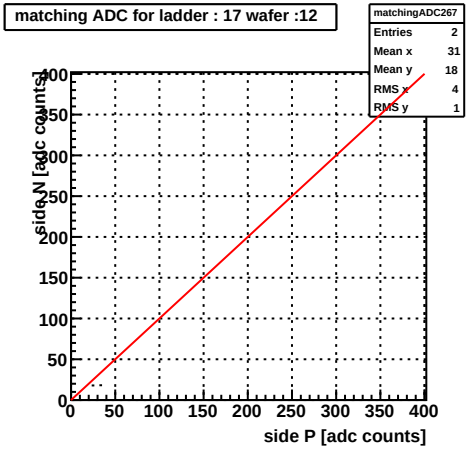

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

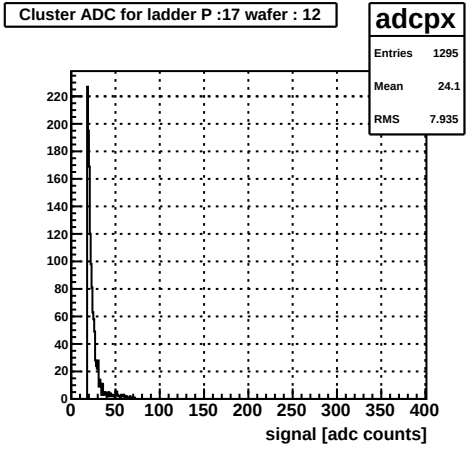

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1896
Mean 22.76
RMS 6.262
signal [adc counts]

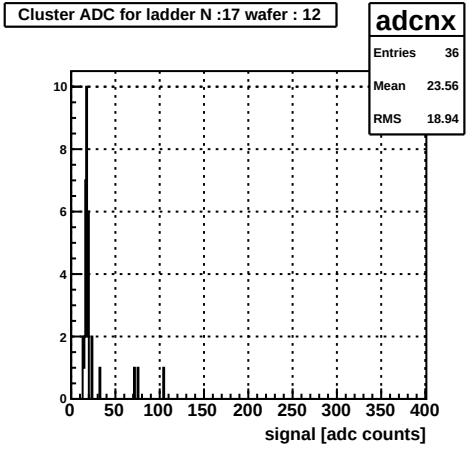

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 51
Mean 19.25
RMS 8.411
signal [adc counts]

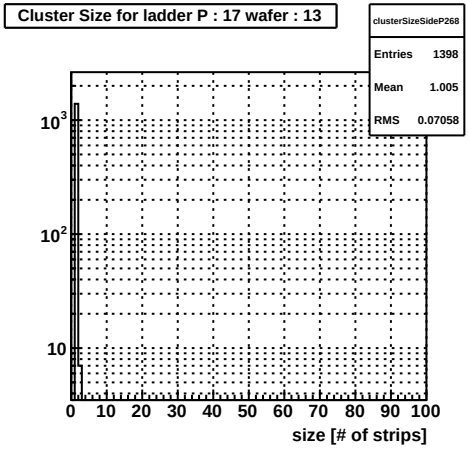

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 1295
Mean 1.019
RMS 0.1405
size [# of strips]

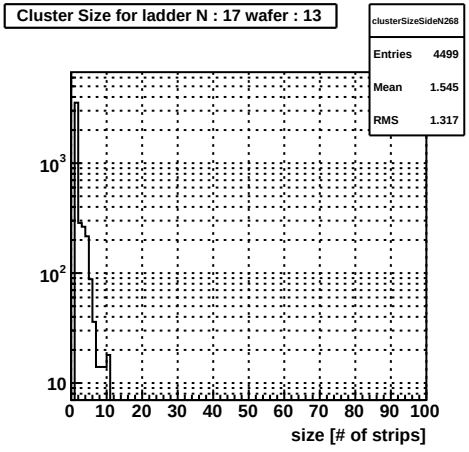

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 36
Mean 1.194
RMS 0.6155
size [# of strips]

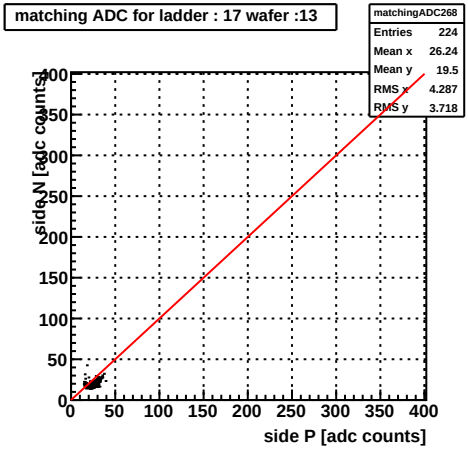

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 2
Mean x 31
Mean y 18
RMS x 4
RMS y 1
side N [adc counts]
side P [adc counts]

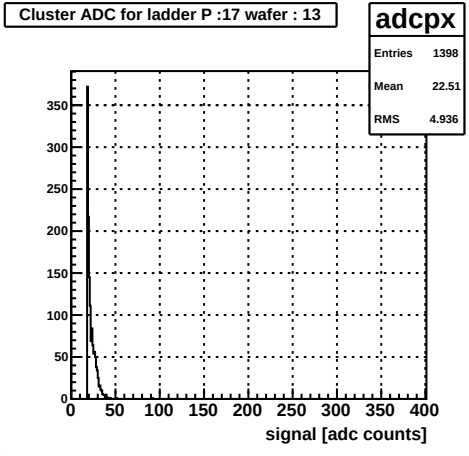

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 1295
Mean 24.1
RMS 7.935
signal [adc counts]

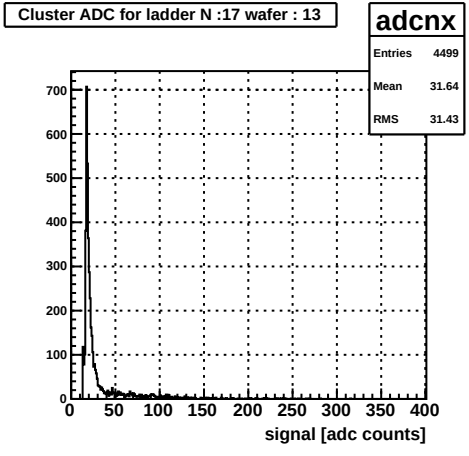

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 36
Mean 23.56
RMS 18.94
signal [adc counts]

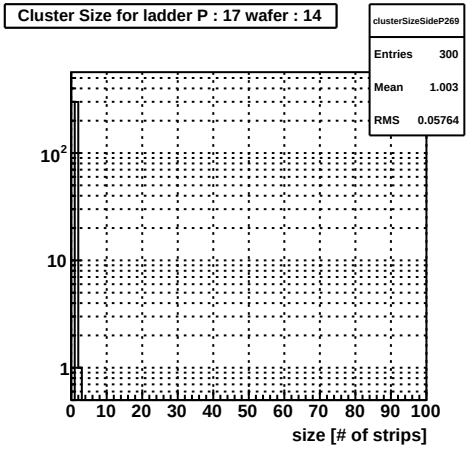

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 1398
Mean 1.005
RMS 0.07058
size [# of strips]

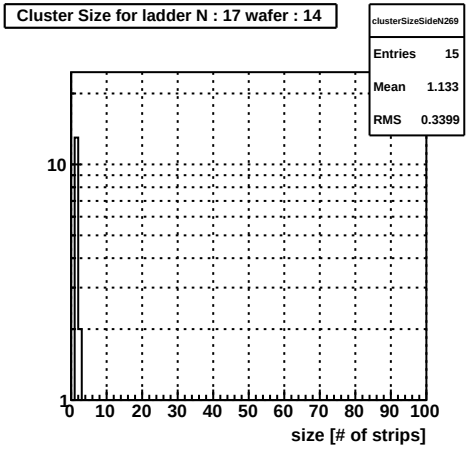

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 4499
Mean 1.545
RMS 1.317
size [# of strips]

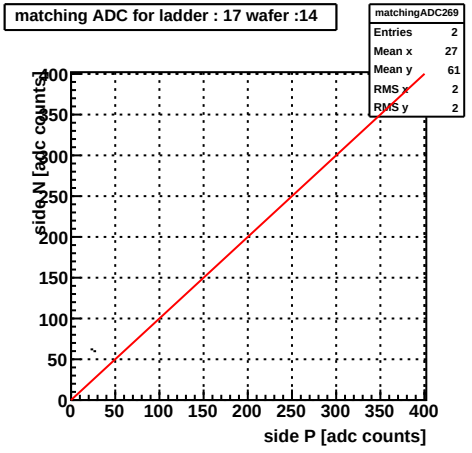

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 224
Mean x 26.24
Mean y 19.5
RMS x 4.287
RMS y 3.718
side N [adc counts]
side P [adc counts]

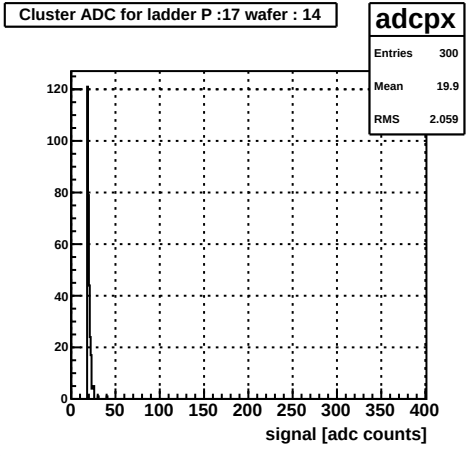

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 1398
Mean 22.51
RMS 4.936
signal [adc counts]

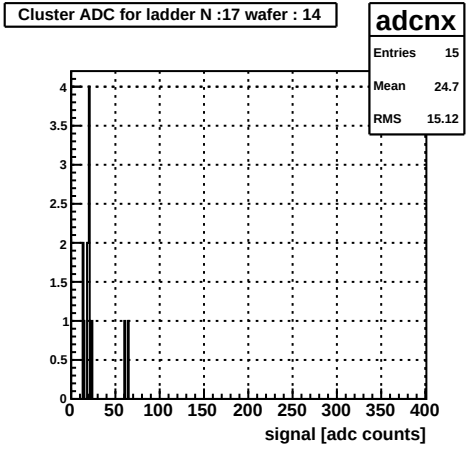

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 4499
Mean 31.64
RMS 31.43
signal [adc counts]

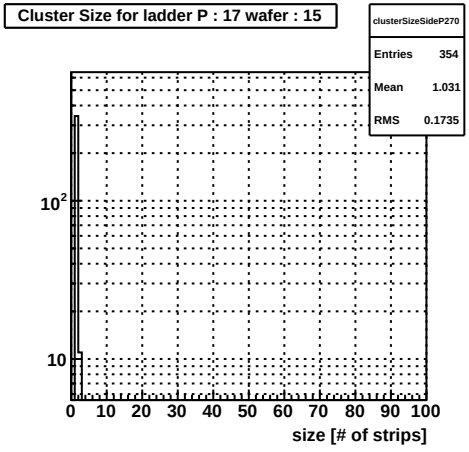

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 300
Mean 1.003
RMS 0.05764
size [# of strips]

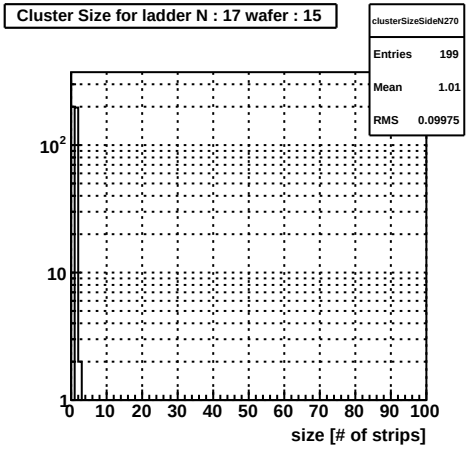

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 15
Mean 1.133
RMS 0.3399
size [# of strips]

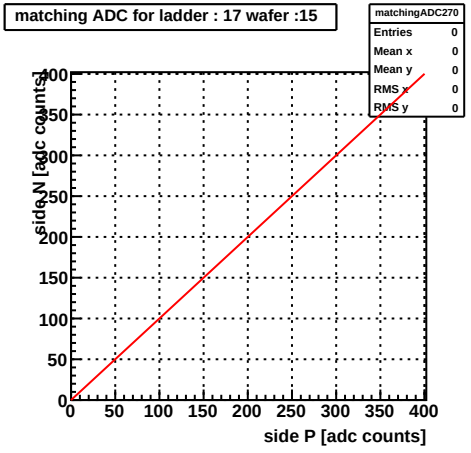

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 2
Mean x 27
Mean y 61
RMS x 2
RMS y 2
side N [adc counts]
side P [adc counts]

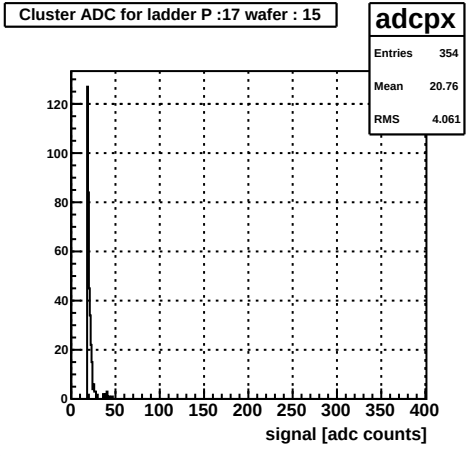

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 300
Mean 19.9
RMS 2.059
signal [adc counts]

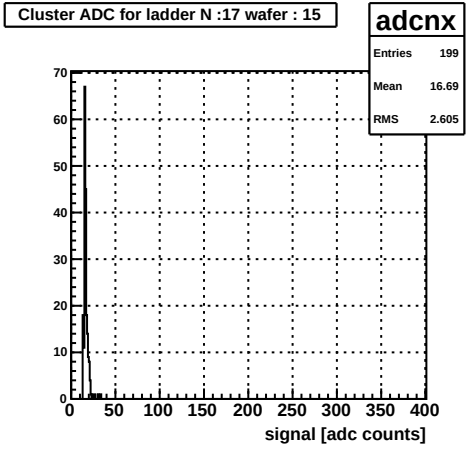

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 15
Mean 24.7
RMS 15.12
signal [adc counts]

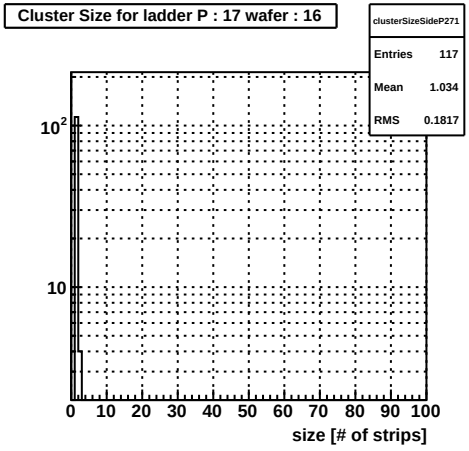

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 354
Mean 1.031
RMS 0.1735
size [# of strips]

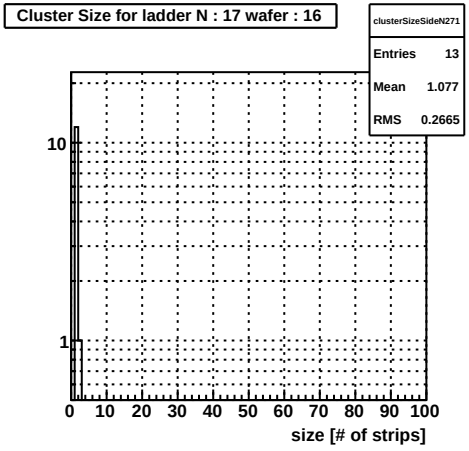

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 199
Mean 1.01
RMS 0.09975
size [# of strips]

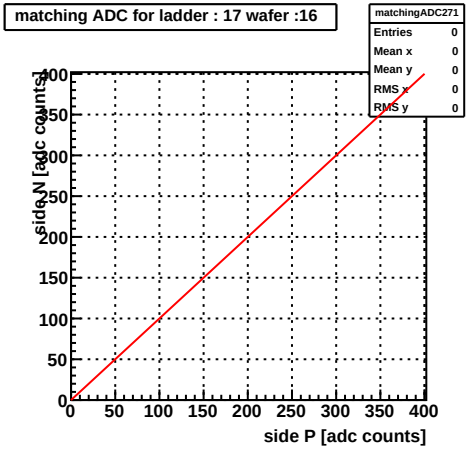

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

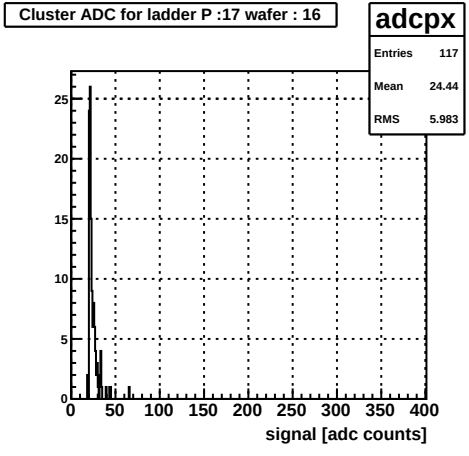

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 354
Mean 20.76
RMS 4.061
signal [adc counts]

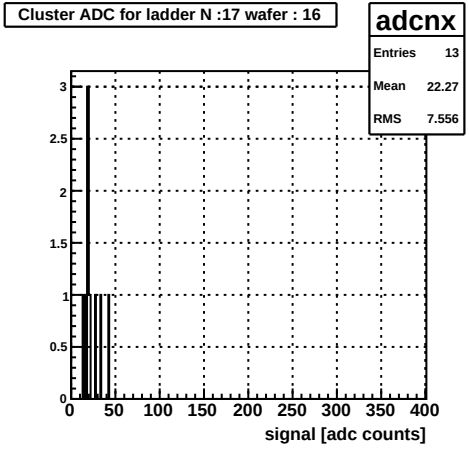

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 199
Mean 16.69
RMS 2.605
signal [adc counts]

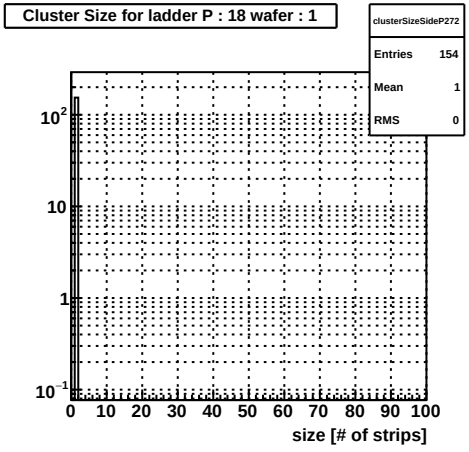

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 117
Mean 1.034
RMS 0.1817
size [# of strips]

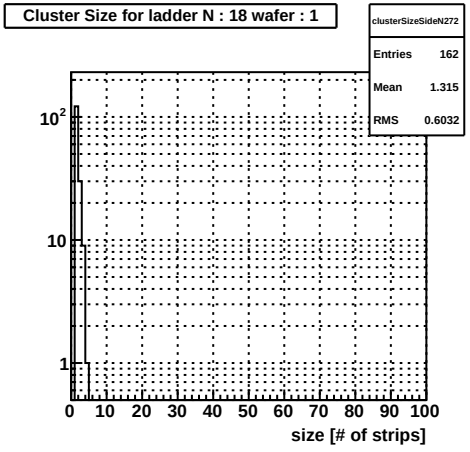

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

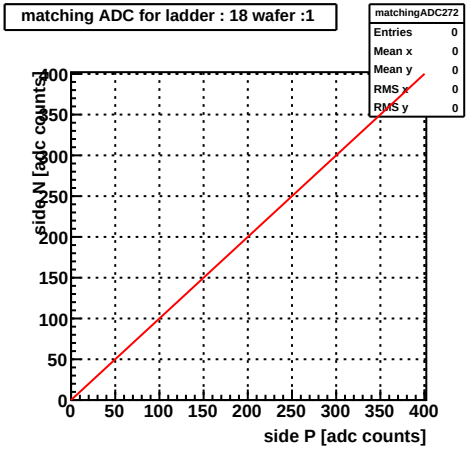

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

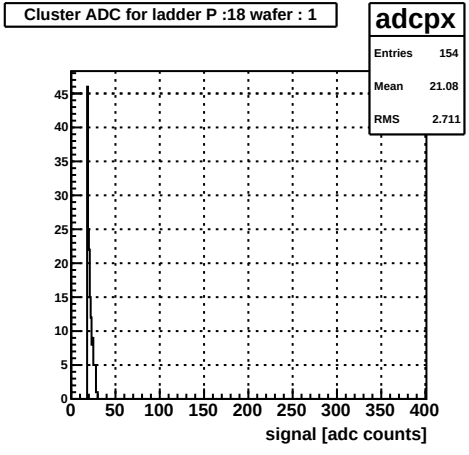

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 117
Mean 24.44
RMS 5.983
signal [adc counts]

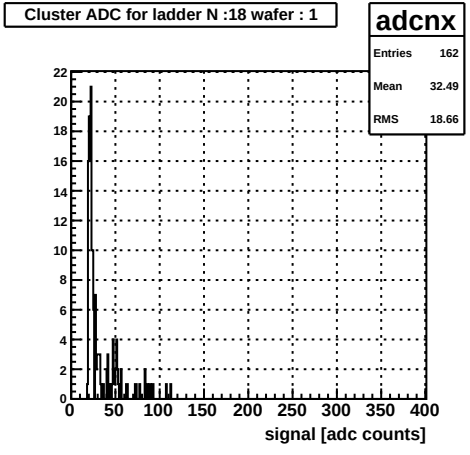

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 13
Mean 22.27
RMS 7.556
signal [adc counts]

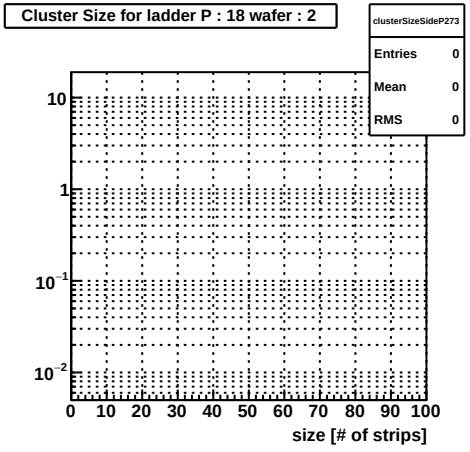

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 154
Mean 1
RMS 0
size [# of strips]

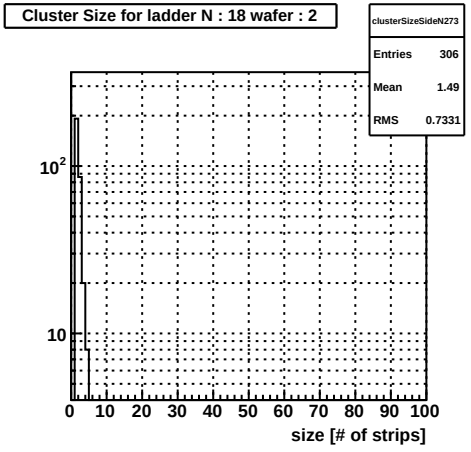

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 162
Mean 1.315
RMS 0.6032
size [# of strips]

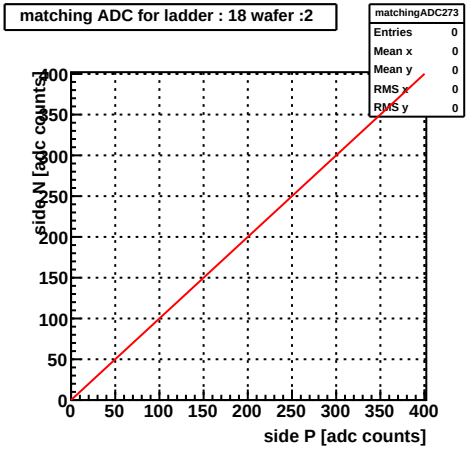

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

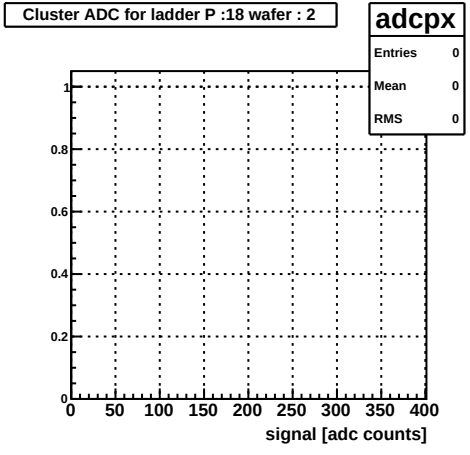

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 154
Mean 21.08
RMS 2.711
signal [adc counts]

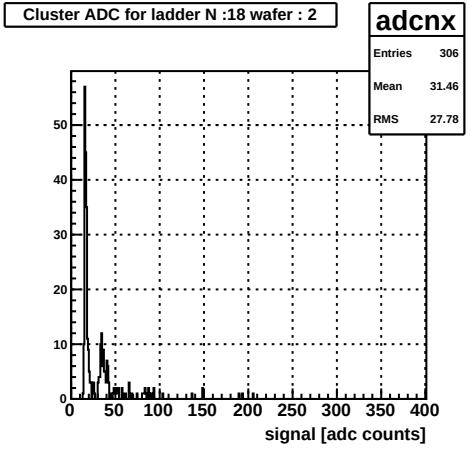

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 162
Mean 32.49
RMS 18.66
signal [adc counts]

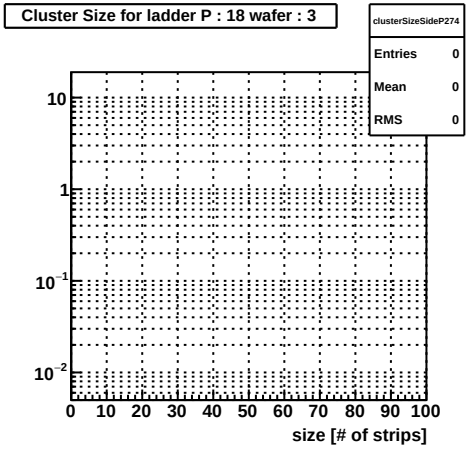

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

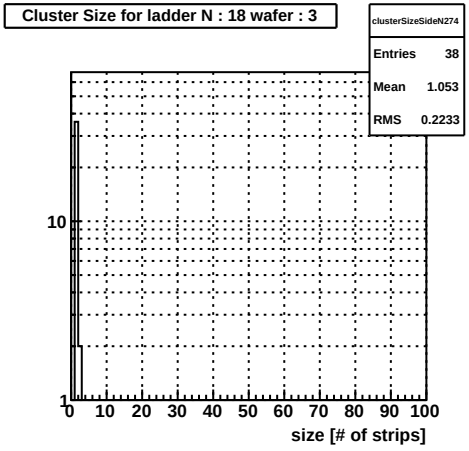

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 306
Mean 1.49
RMS 0.7331
size [# of strips]

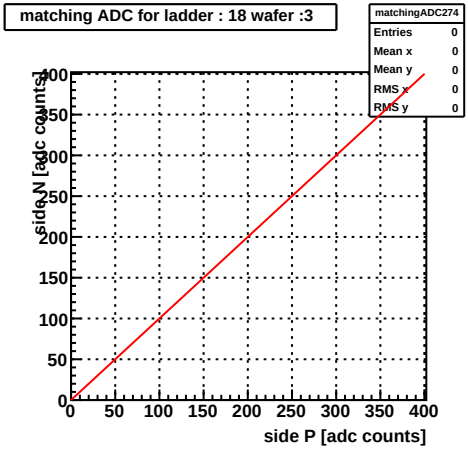

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

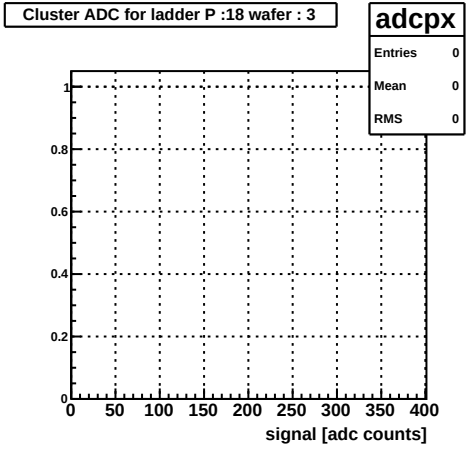

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

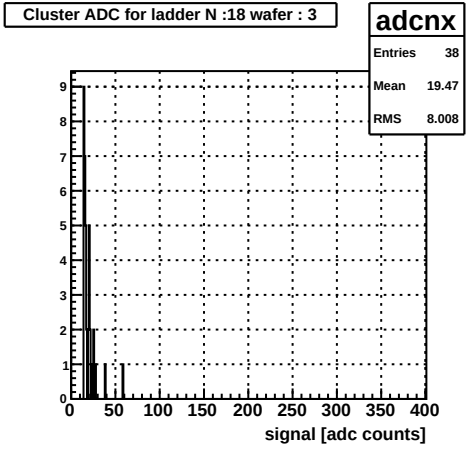

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 306
Mean 31.46
RMS 27.78
signal [adc counts]

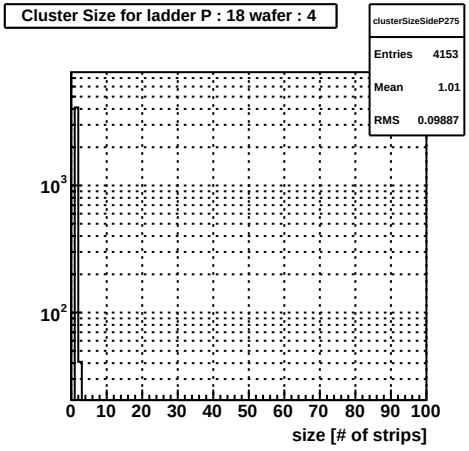

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

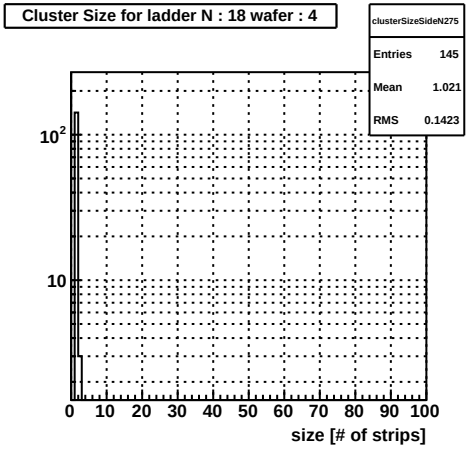

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 38
Mean 1.053
RMS 0.2233
size [# of strips]

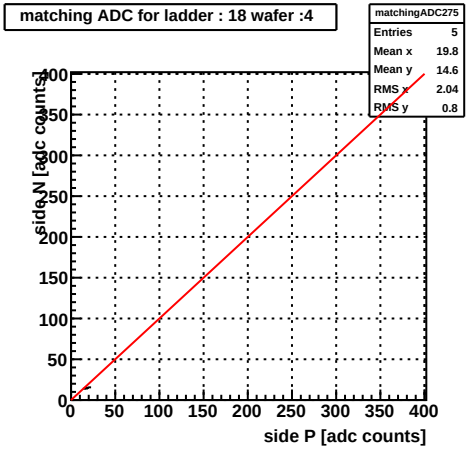

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

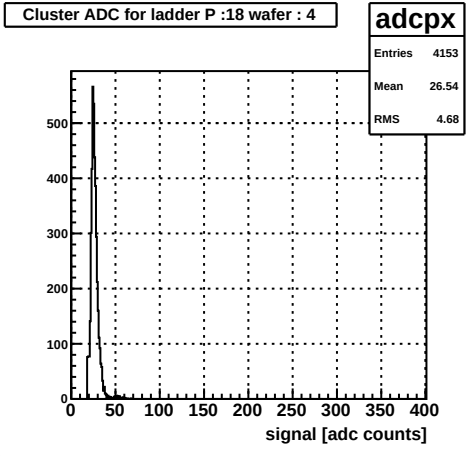

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

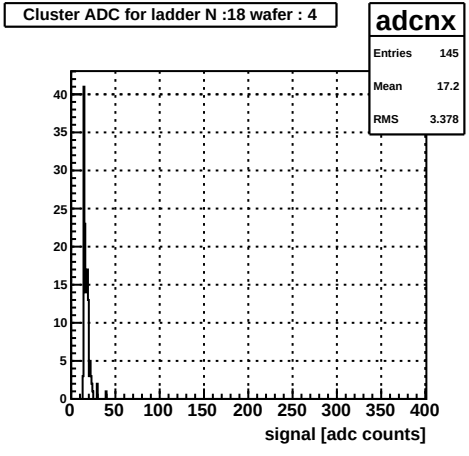

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 38
Mean 19.47
RMS 8.008
signal [adc counts]

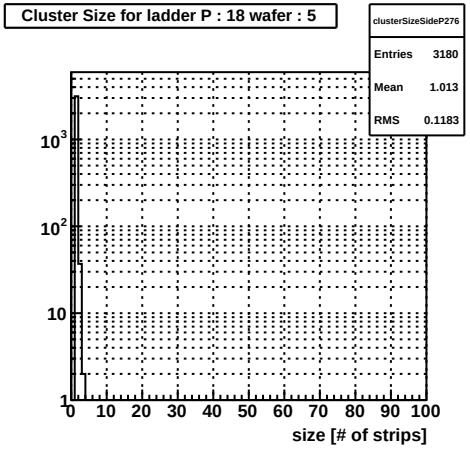

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4153
Mean 1.01
RMS 0.09887
size [# of strips]

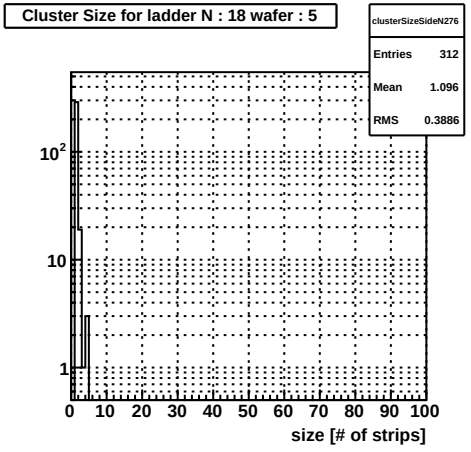

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 145
Mean 1.021
RMS 0.1423
size [# of strips]

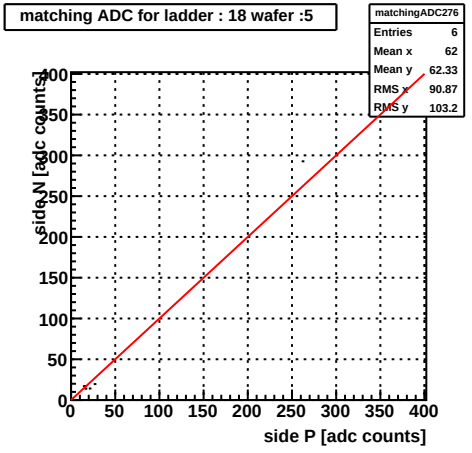

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5
Mean x 19.8
Mean y 14.6
RMS x 2.04
RMS y 0.8
side N [adc counts]
side P [adc counts]

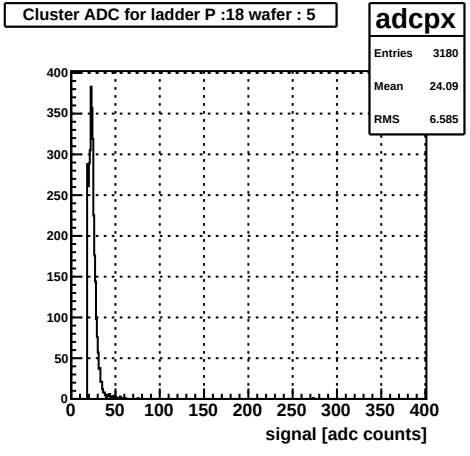

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4153
Mean 26.54
RMS 4.68
signal [adc counts]

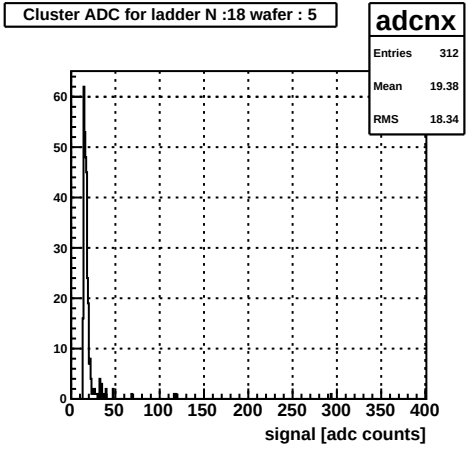

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 145
Mean 17.2
RMS 3.378
signal [adc counts]

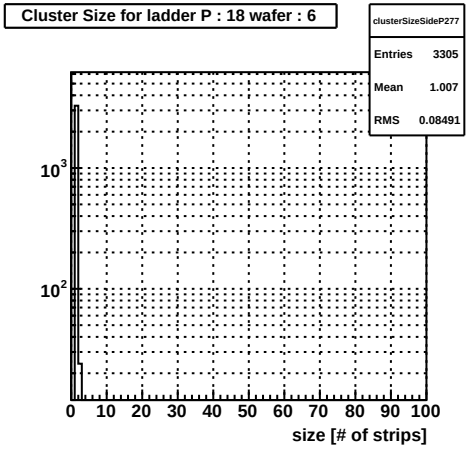

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3180
Mean 1.013
RMS 0.1183
size [# of strips]

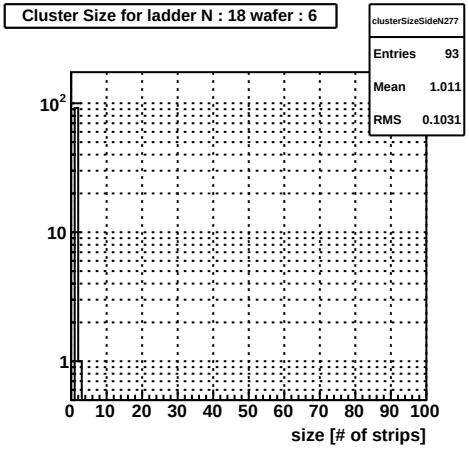

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 312
Mean 1.096
RMS 0.3886
size [# of strips]

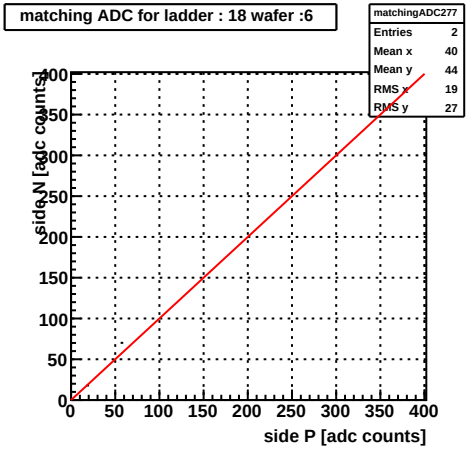

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6
Mean x 62
Mean y 62.33
RMS x 90.87
RMS y 103.2
side N [adc counts]
side P [adc counts]

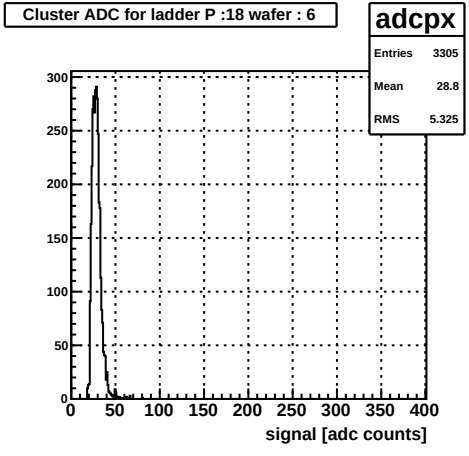

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3180
Mean 24.09
RMS 6.585
signal [adc counts]

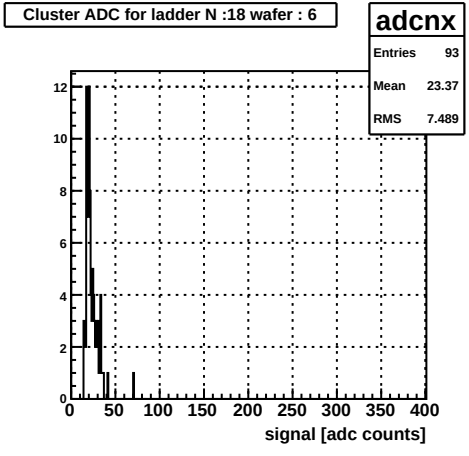

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 312
Mean 19.38
RMS 18.34
signal [adc counts]

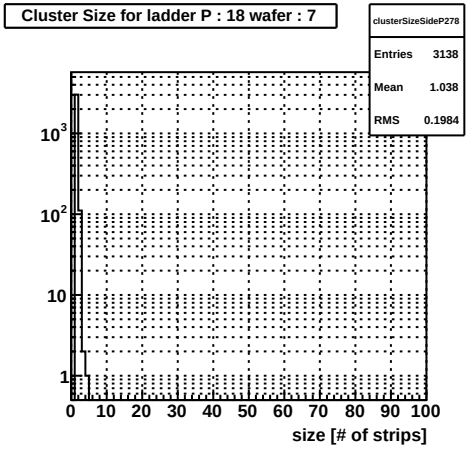

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3305
Mean 1.007
RMS 0.08491
size [# of strips]

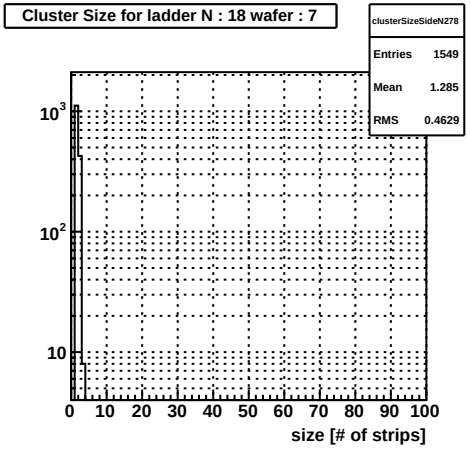

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 93
Mean 1.011
RMS 0.1031
size [# of strips]

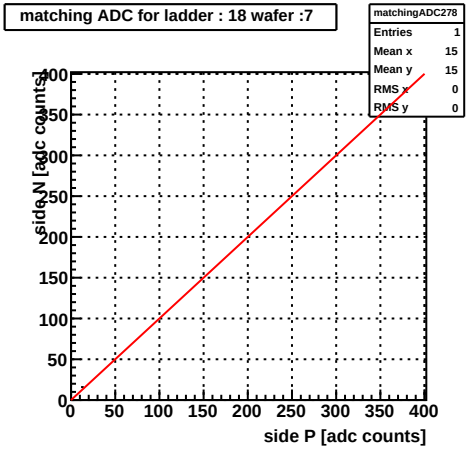

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 2
Mean x 40
Mean y 44
RMS x 19
RMS y 27
side N [adc counts]
side P [adc counts]

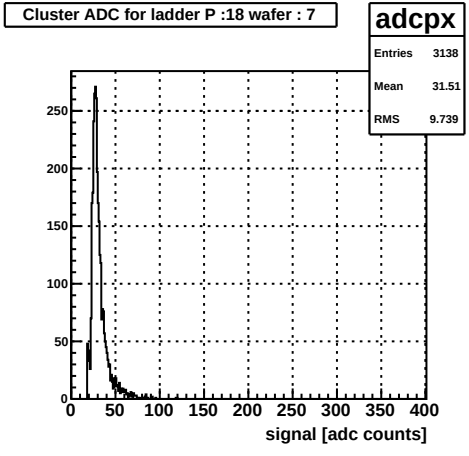

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3305
Mean 28.8
RMS 5.325
signal [adc counts]

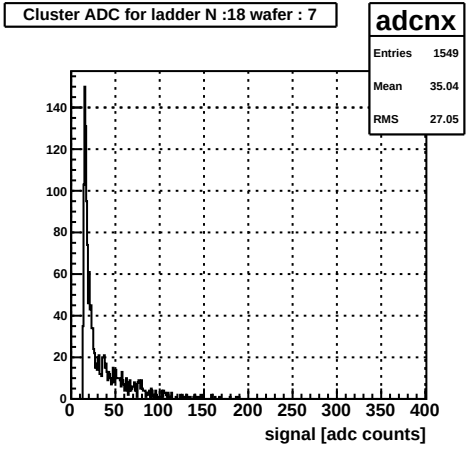

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 93
Mean 23.37
RMS 7.489
signal [adc counts]

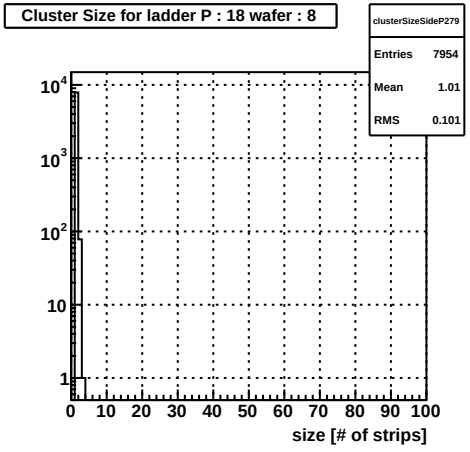

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3138
Mean 1.038
RMS 0.1984
size [# of strips]

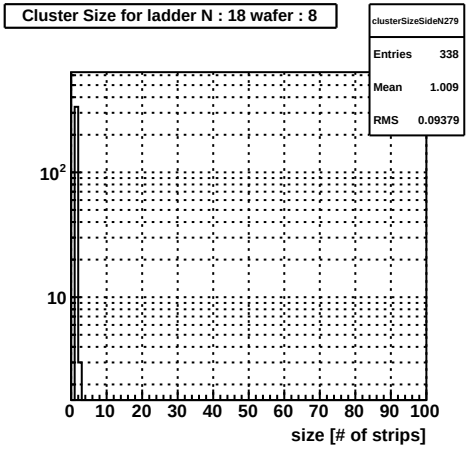

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1549
Mean 1.285
RMS 0.4629
size [# of strips]

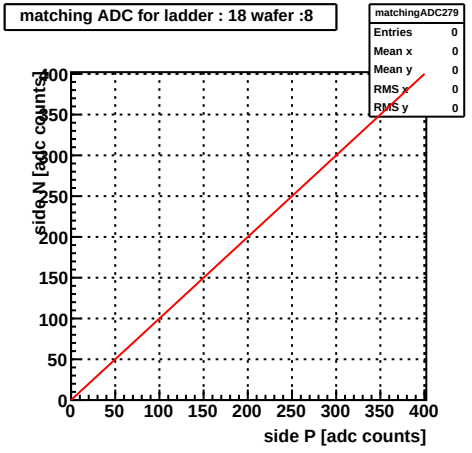

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

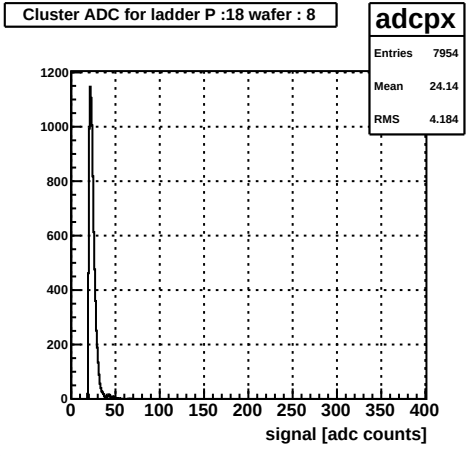

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3138
Mean 31.51
RMS 9.739
signal [adc counts]

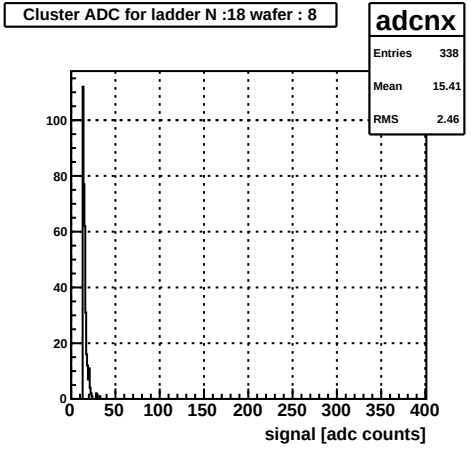

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1549
Mean 35.04
RMS 27.05
signal [adc counts]

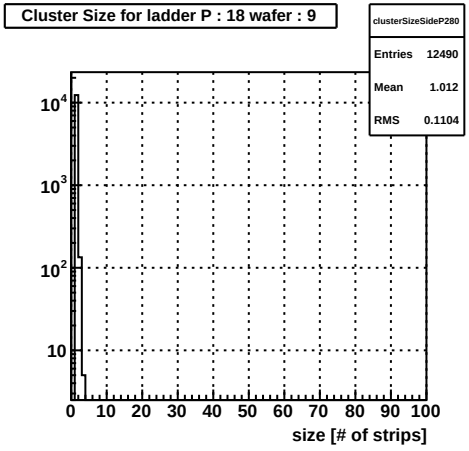

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7954
Mean 1.01
RMS 0.101
size [# of strips]

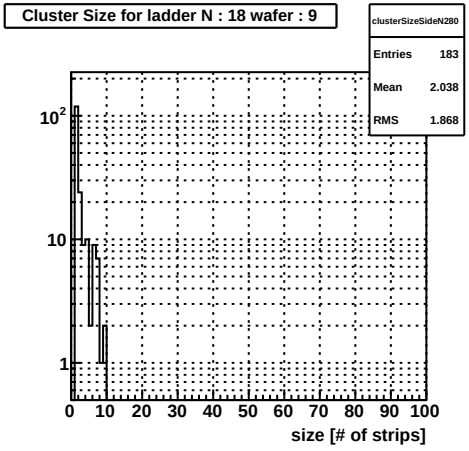

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 338
Mean 1.009
RMS 0.09379
size [# of strips]

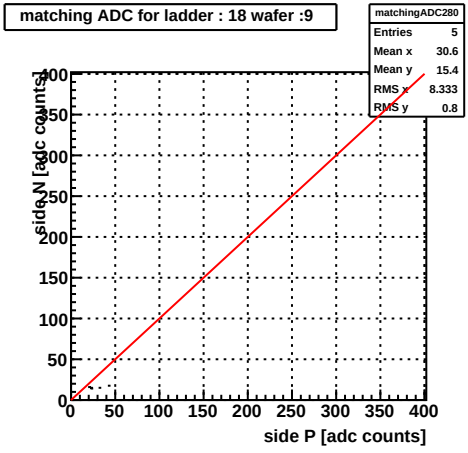

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

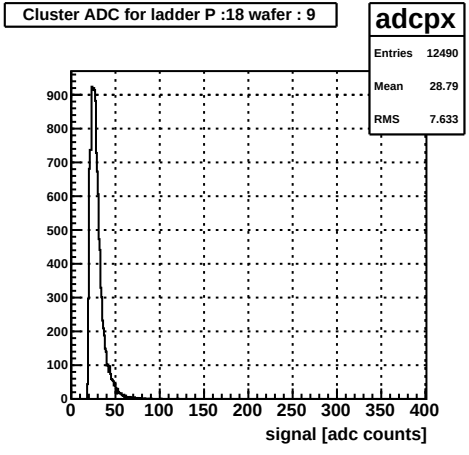

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7954
Mean 24.14
RMS 4.184
signal [adc counts]

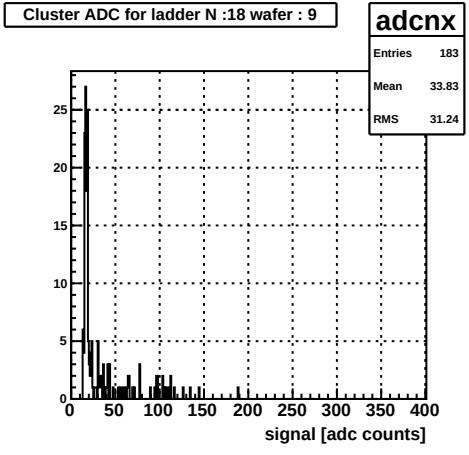

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 338
Mean 15.41
RMS 2.46
signal [adc counts]

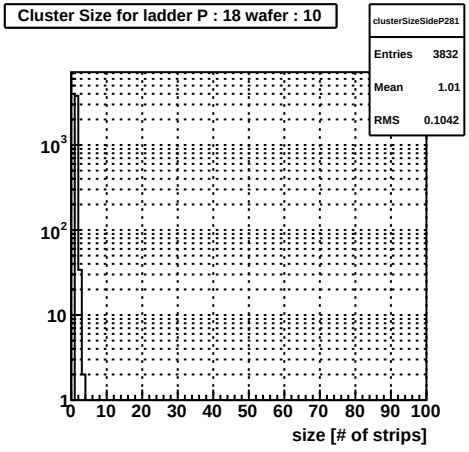

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 12490
Mean 1.012
RMS 0.1104
size [# of strips]

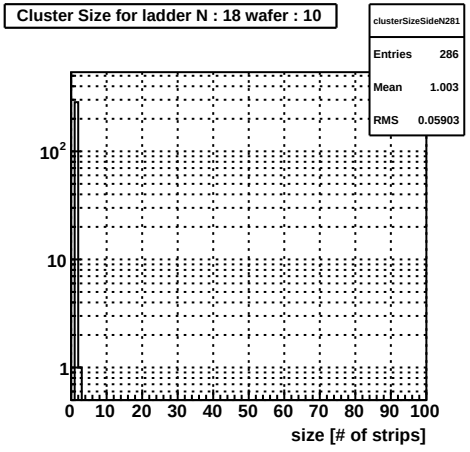

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 183
Mean 2.038
RMS 1.868
size [# of strips]

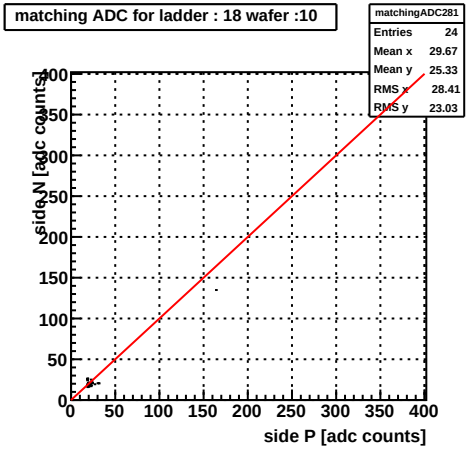

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 5
Mean x 30.6
Mean y 15.4
RMS x 8.333
RMS y 0.8
side N [adc counts]
side P [adc counts]

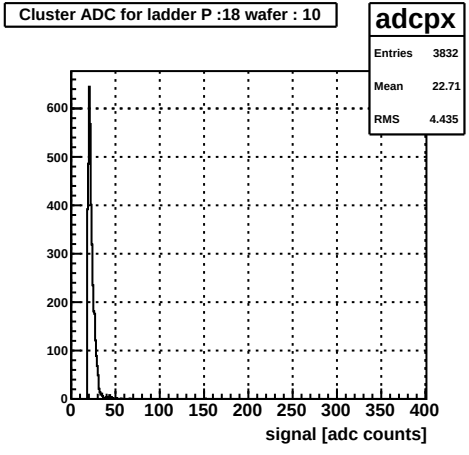

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 12490
Mean 28.79
RMS 7.633
signal [adc counts]

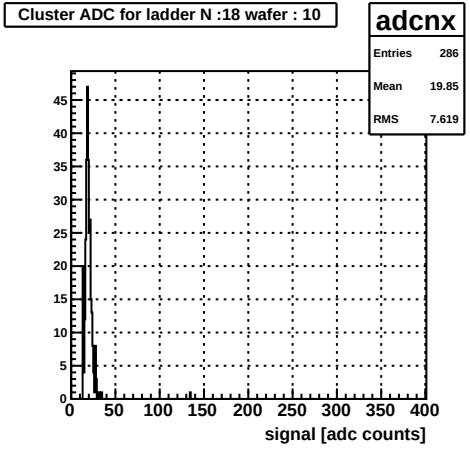

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 183
Mean 33.83
RMS 31.24
signal [adc counts]

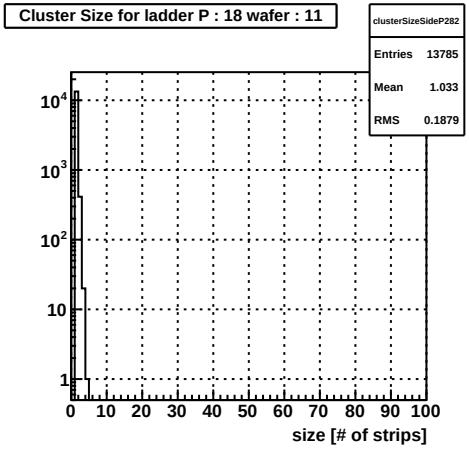

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3832
Mean 1.01
RMS 0.1042
size [# of strips]

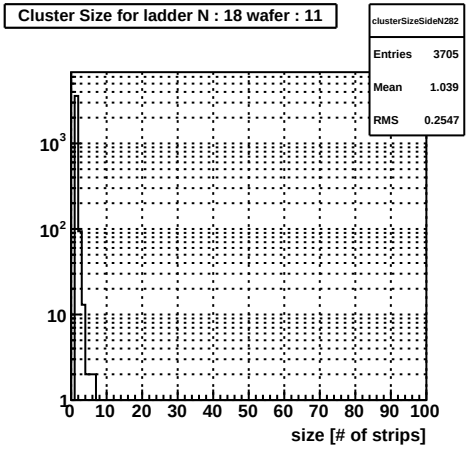

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 286
Mean 1.003
RMS 0.05903
size [# of strips]

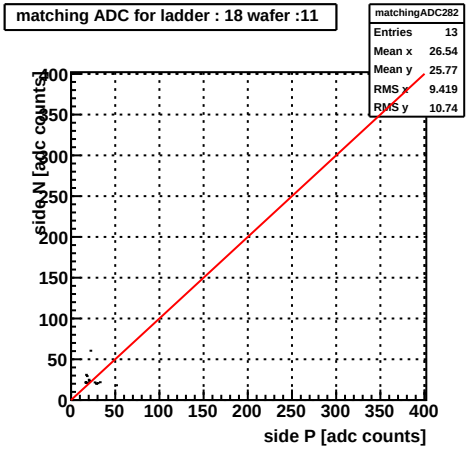

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 24
Mean x 29.67
Mean y 25.33
RMS x 28.41
RMS y 23.03
side N [adc counts]
side P [adc counts]

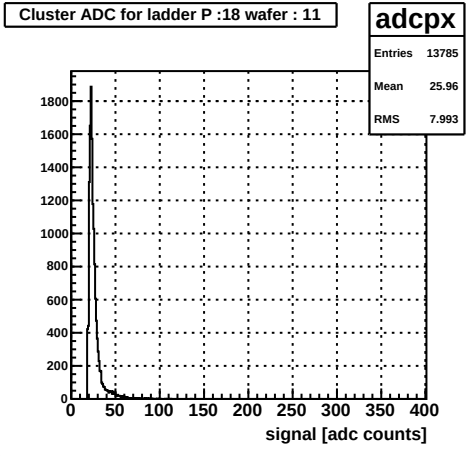

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3832
Mean 22.71
RMS 4.435
signal [adc counts]

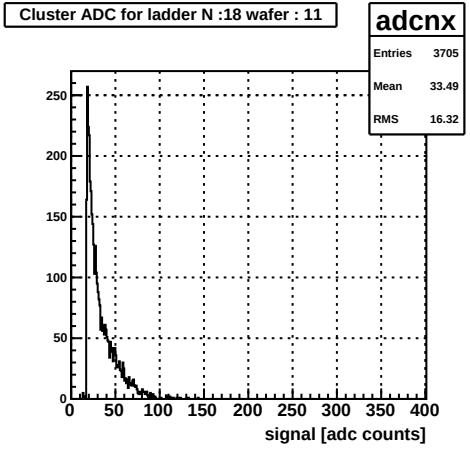

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 286
Mean 19.85
RMS 7.619
signal [adc counts]

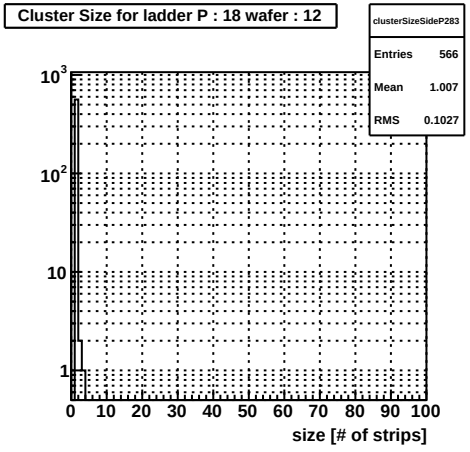

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13785
Mean 1.033
RMS 0.1879
size [# of strips]

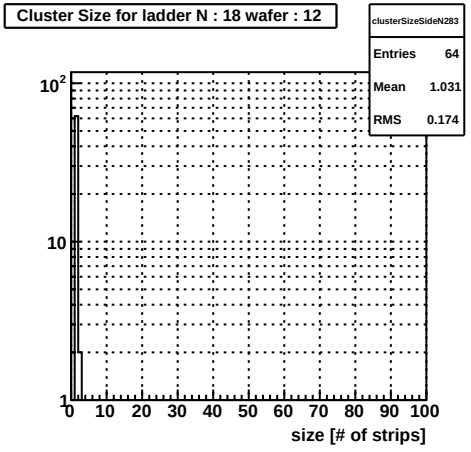

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3705
Mean 1.039
RMS 0.2547
size [# of strips]

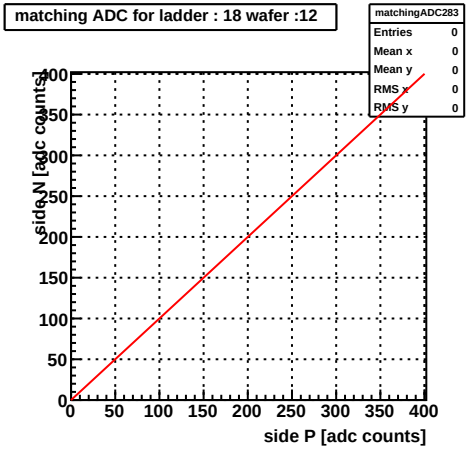

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 13
Mean x 26.54
Mean y 25.77
RMS x 9.419
RMS y 10.74
side N [adc counts]
side P [adc counts]

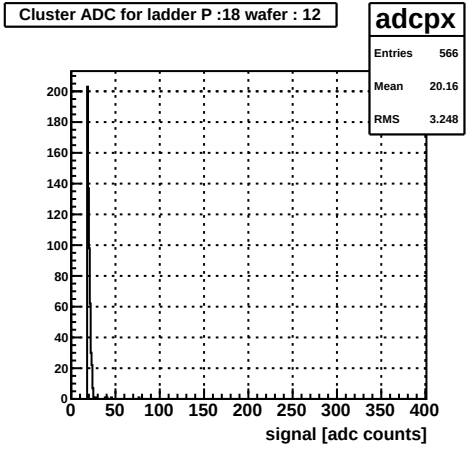

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13785
Mean 25.96
RMS 7.993
signal [adc counts]

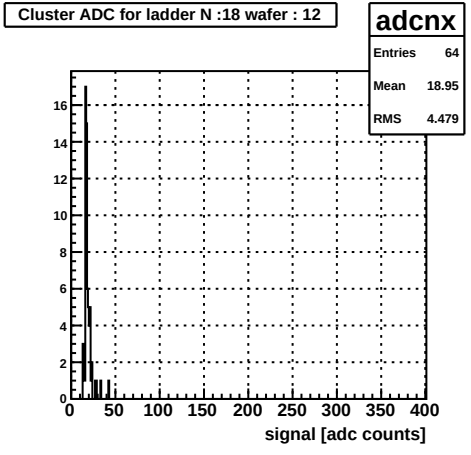

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3705
Mean 33.49
RMS 16.32
signal [adc counts]

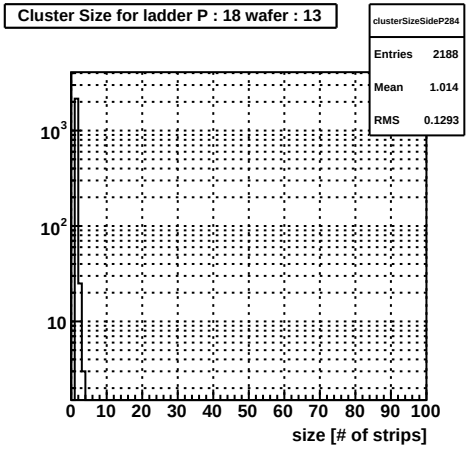

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 566
Mean 1.007
RMS 0.1027
size [# of strips]

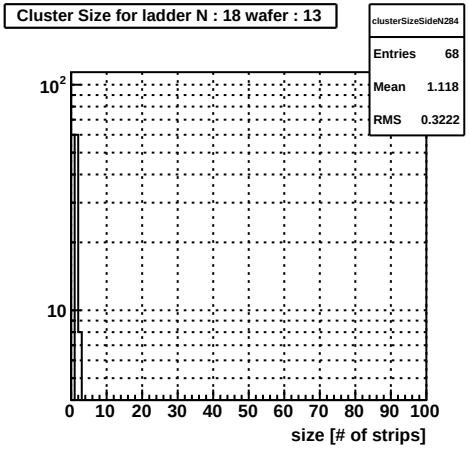

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 64
Mean 1.031
RMS 0.174
size [# of strips]

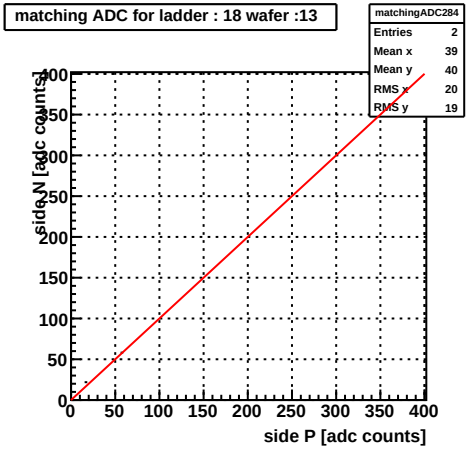

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

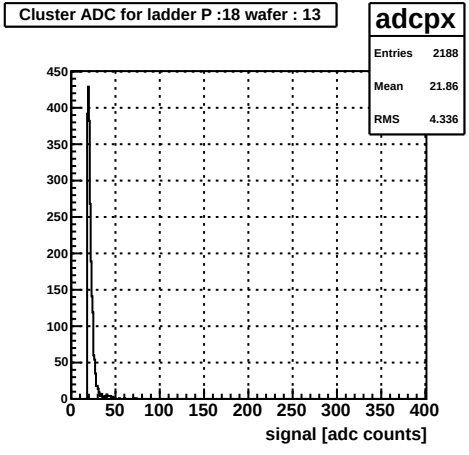

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 566
Mean 20.16
RMS 3.248
signal [adc counts]

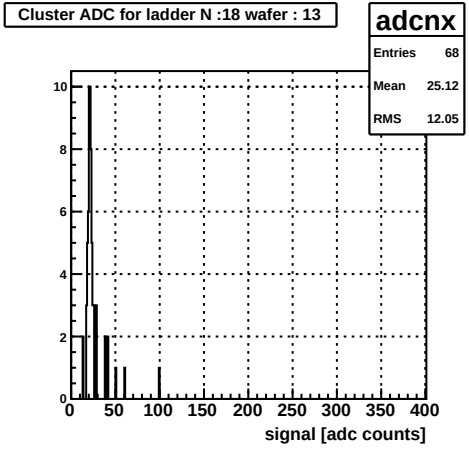

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 64
Mean 18.95
RMS 4.479
signal [adc counts]

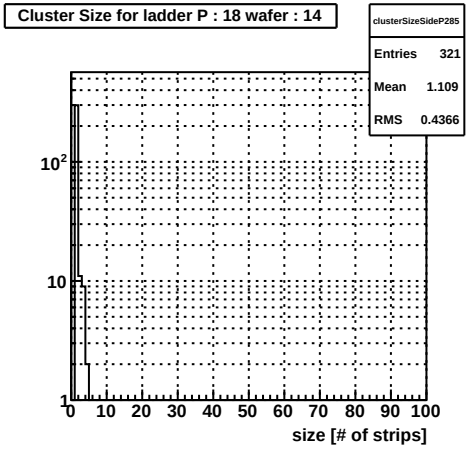

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2188
Mean 1.014
RMS 0.1293
size [# of strips]

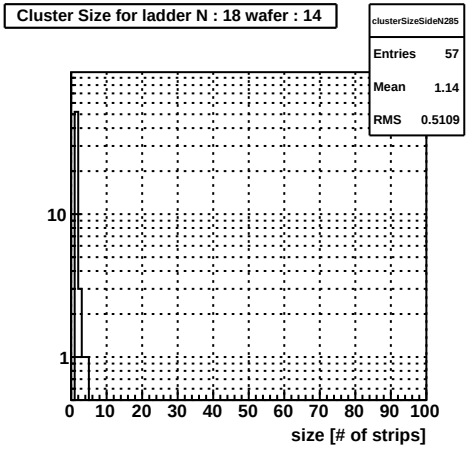

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 68
Mean 1.118
RMS 0.3222
size [# of strips]

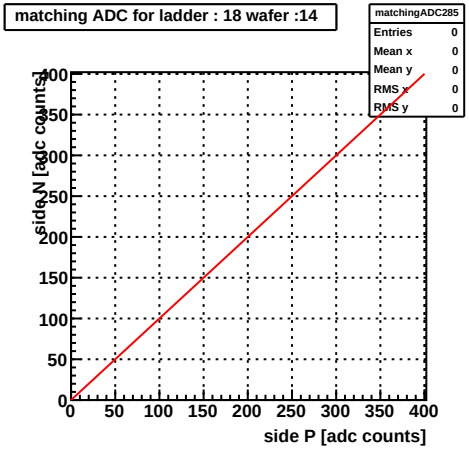

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 2
Mean x 39
Mean y 40
RMS x 20
RMS y 19
side N [adc counts]
side P [adc counts]

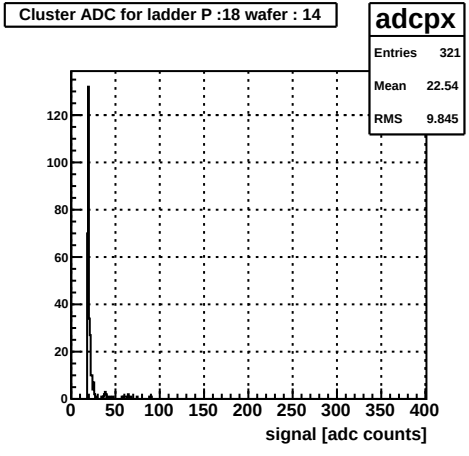

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2188
Mean 21.86
RMS 4.336
signal [adc counts]

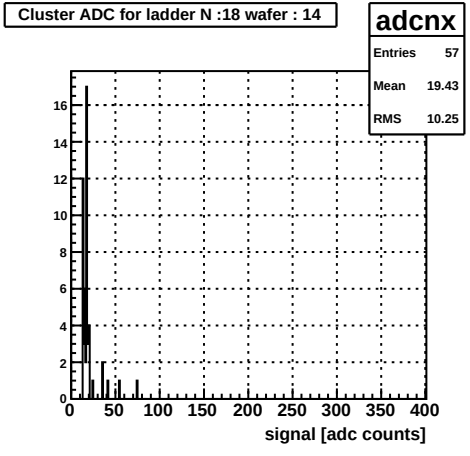

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 68
Mean 25.12
RMS 12.05
signal [adc counts]

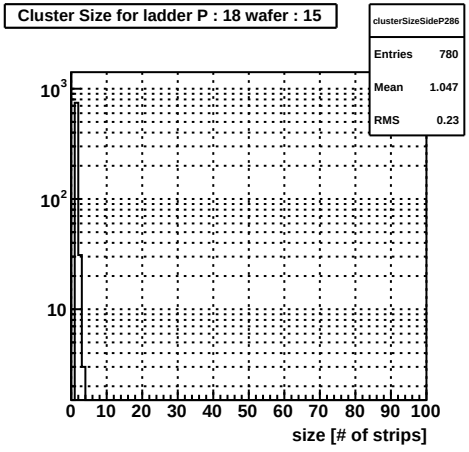

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 321
Mean 1.109
RMS 0.4366
size [# of strips]

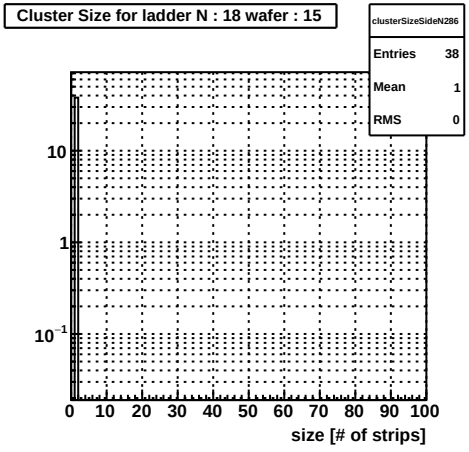

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 57
Mean 1.14
RMS 0.5109
size [# of strips]

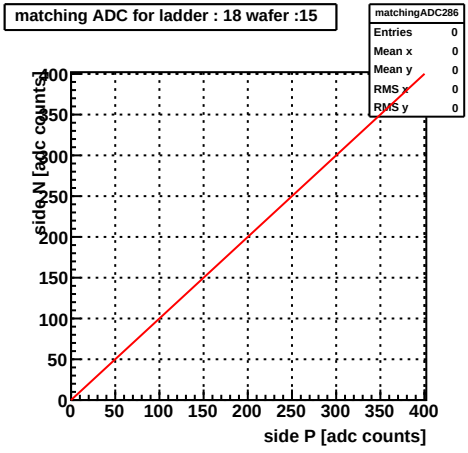

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

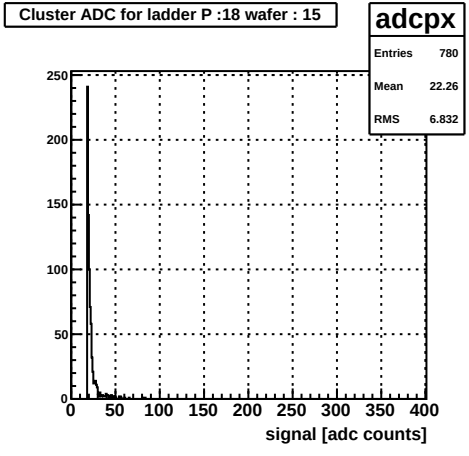

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 321
Mean 22.54
RMS 9.845
signal [adc counts]

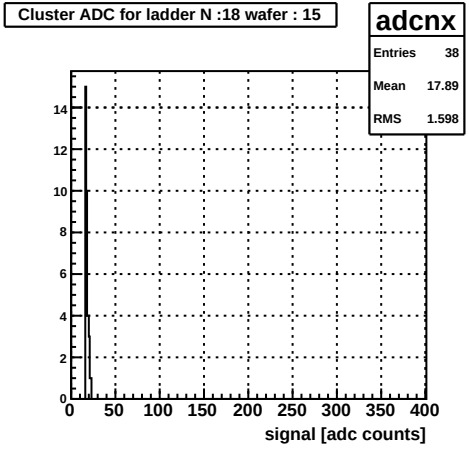

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 57
Mean 19.43
RMS 10.25
signal [adc counts]

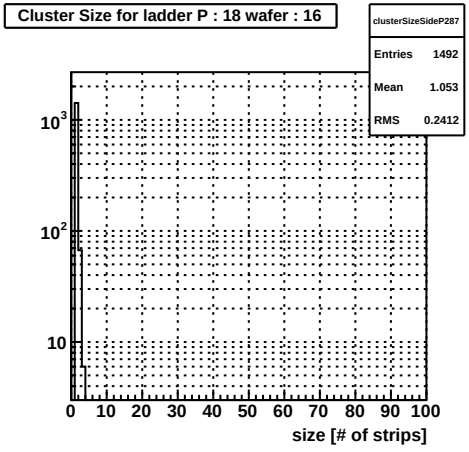

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 780
Mean 1.047
RMS 0.23
size [# of strips]

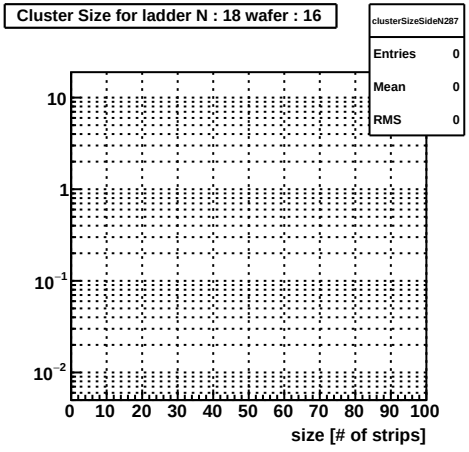

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 38
Mean 1
RMS 0
size [# of strips]

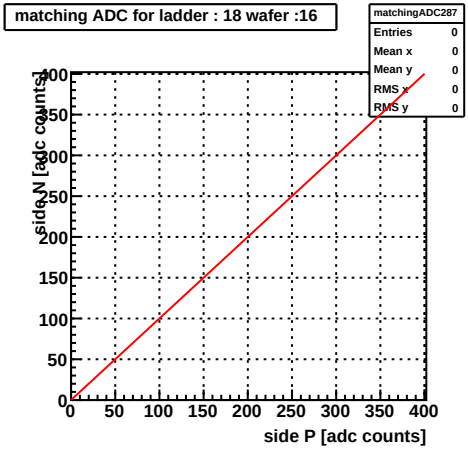

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

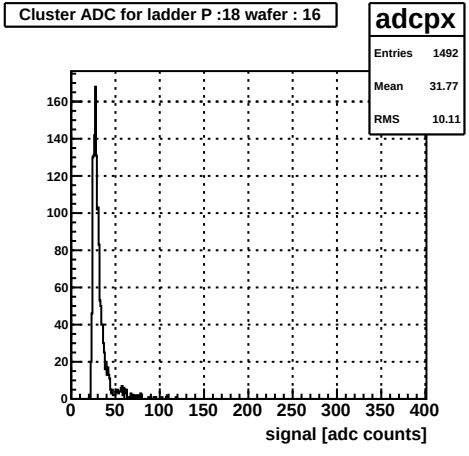

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 780
Mean 22.26
RMS 6.832
signal [adc counts]

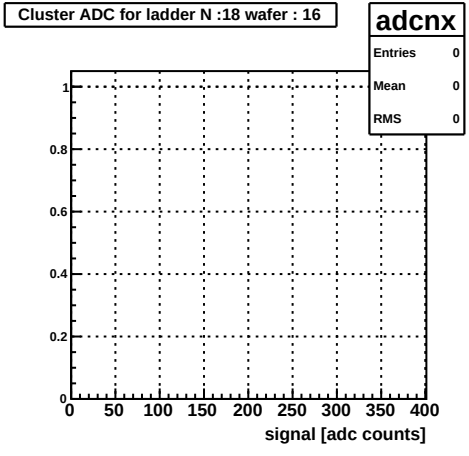

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 38
Mean 17.89
RMS 1.598
signal [adc counts]

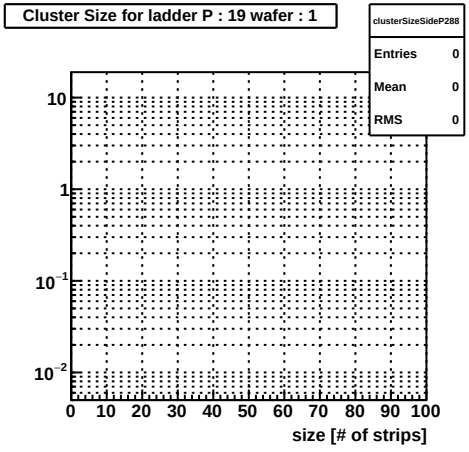

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1492
Mean 1.053
RMS 0.2412
size [# of strips]

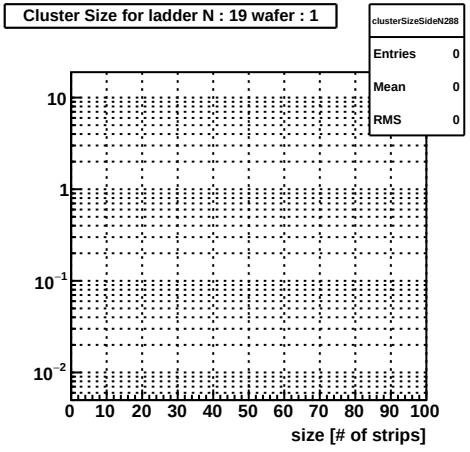

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 0
Mean 0
RMS 0
size [# of strips]

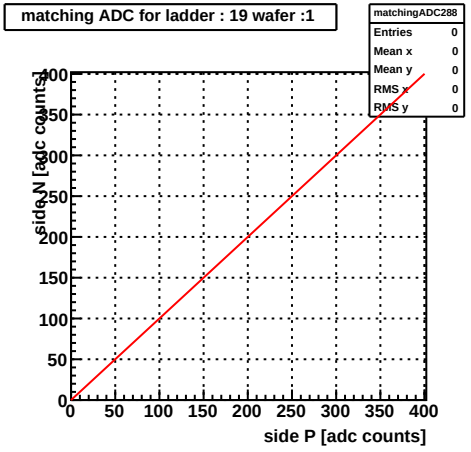

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

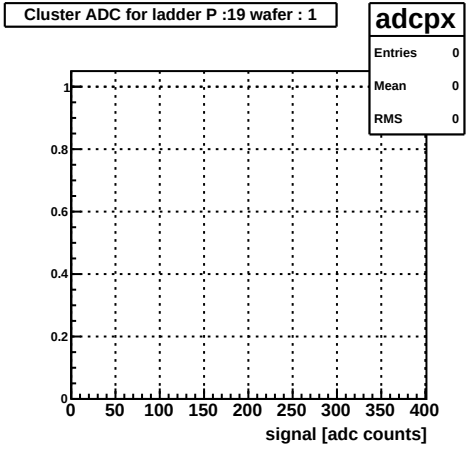

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1492
Mean 31.77
RMS 10.11
signal [adc counts]

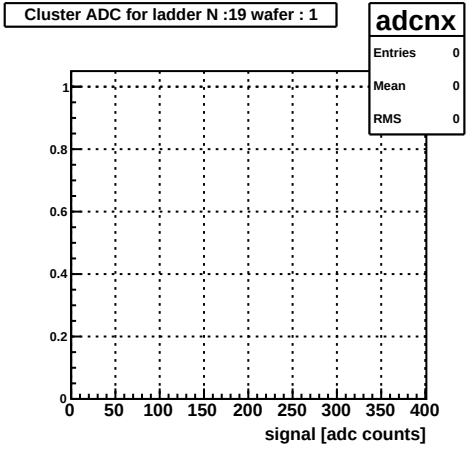

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

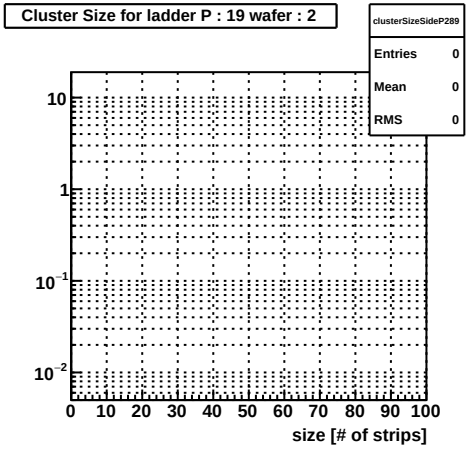

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

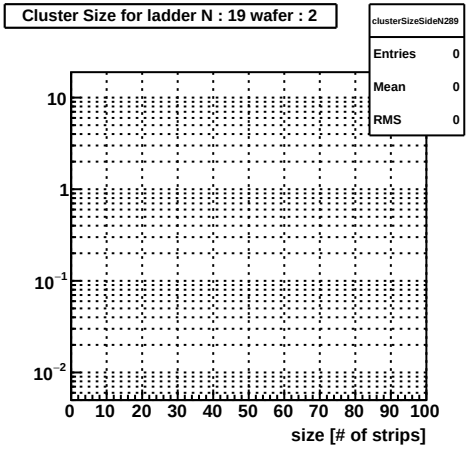

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

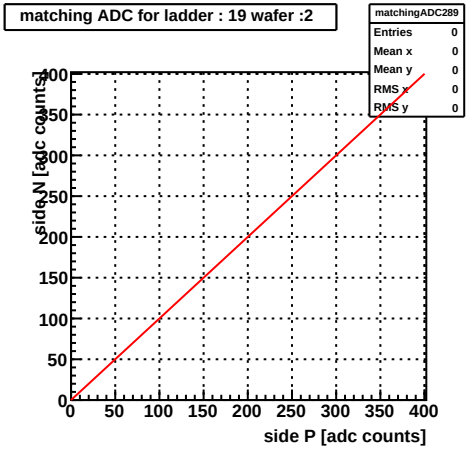

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

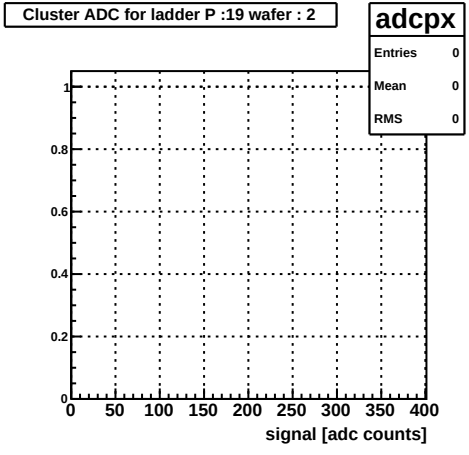

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

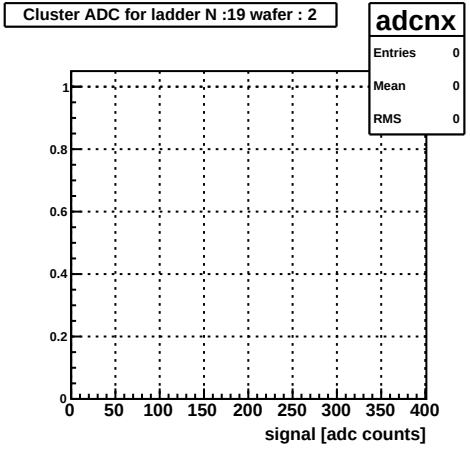

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

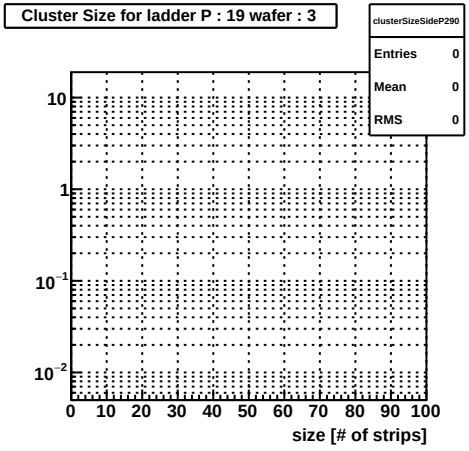

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

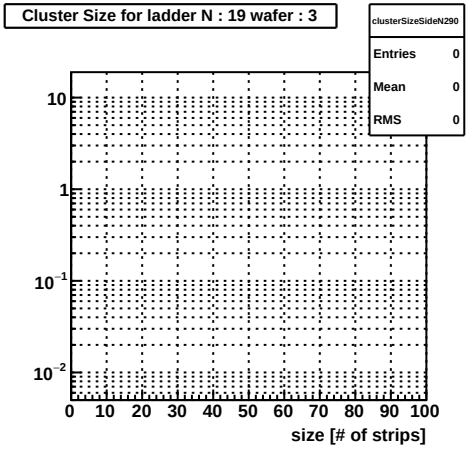

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

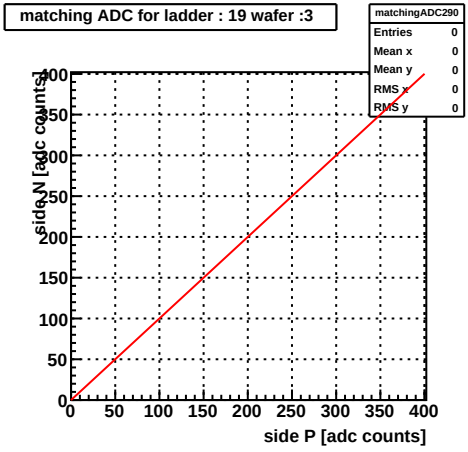

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

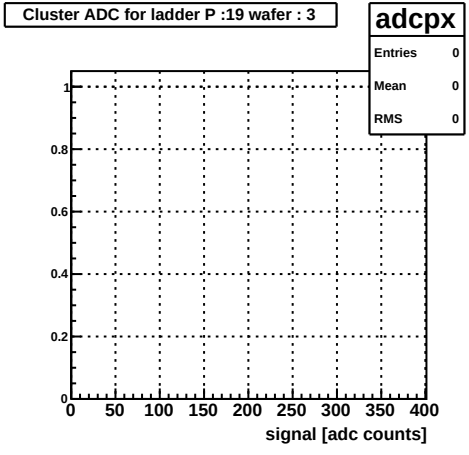

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

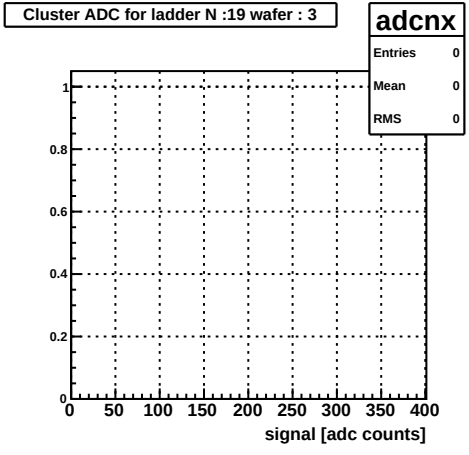

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

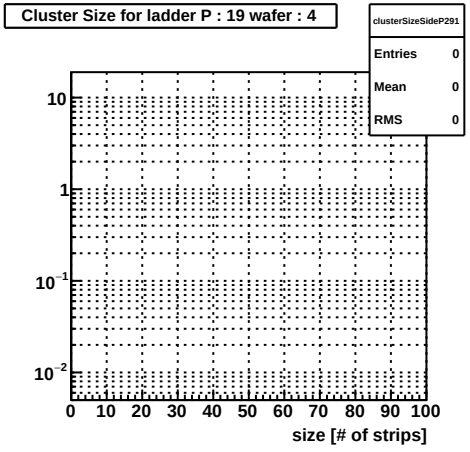

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

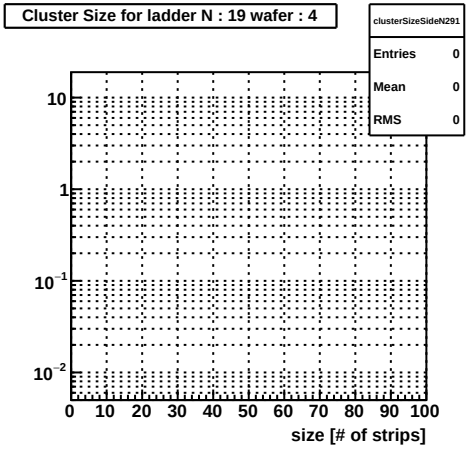

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

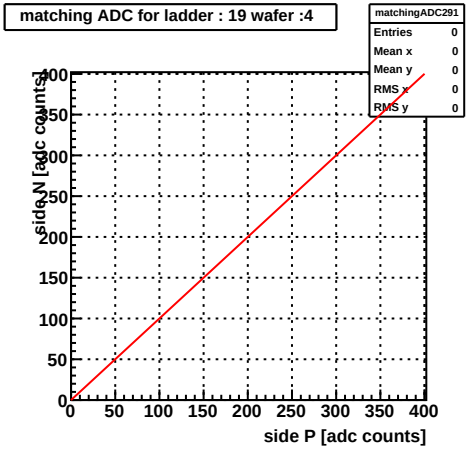

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

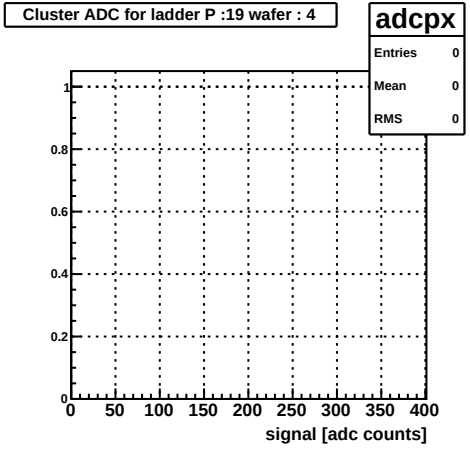

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

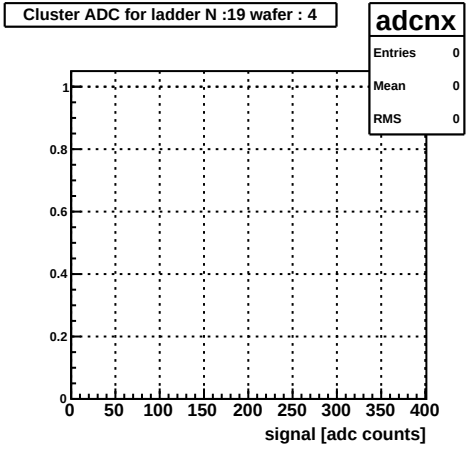

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

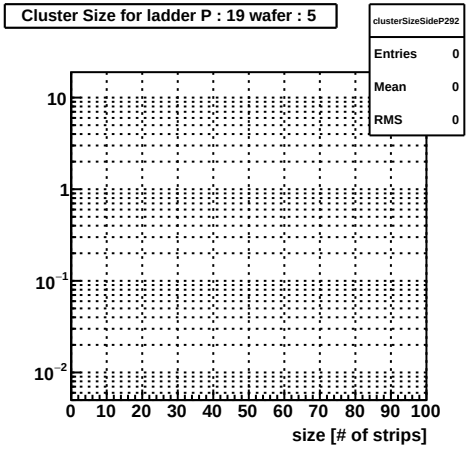

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

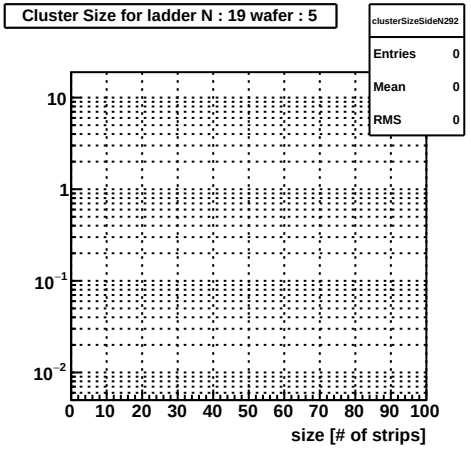

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

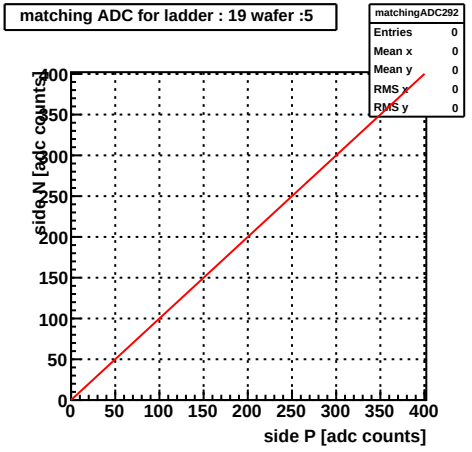

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

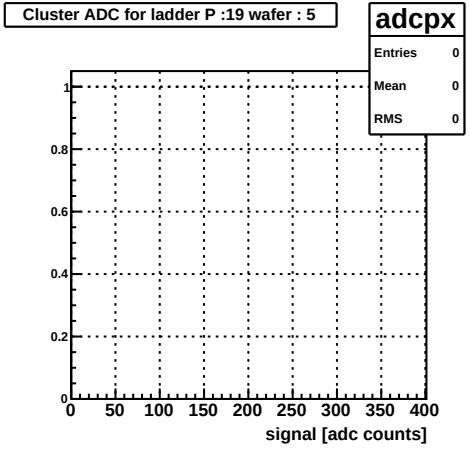

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

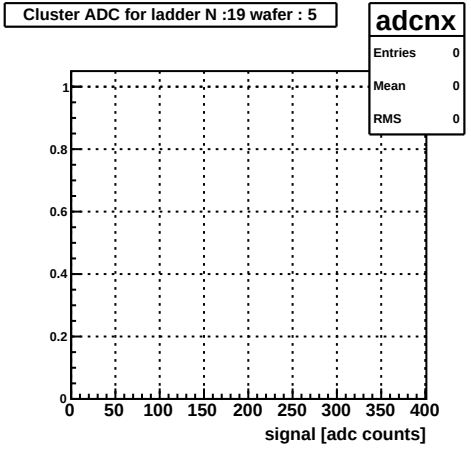

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

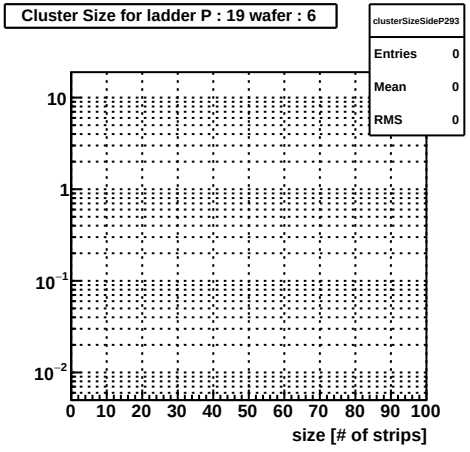

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

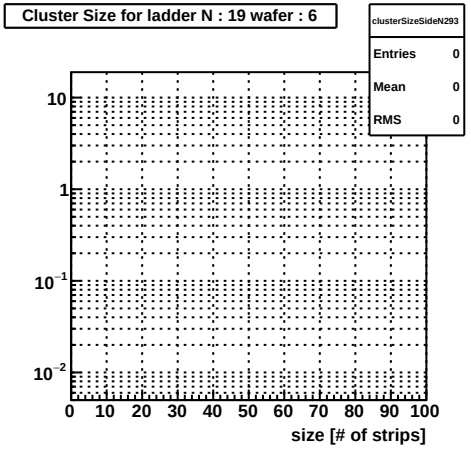

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

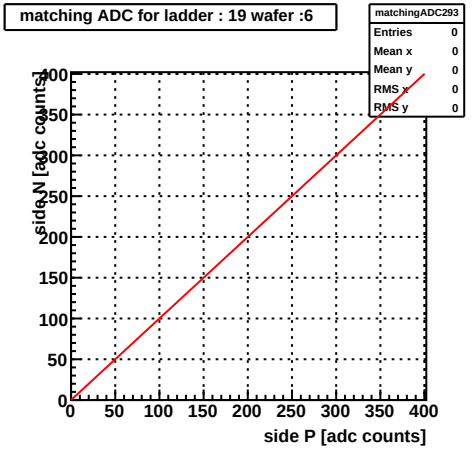

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

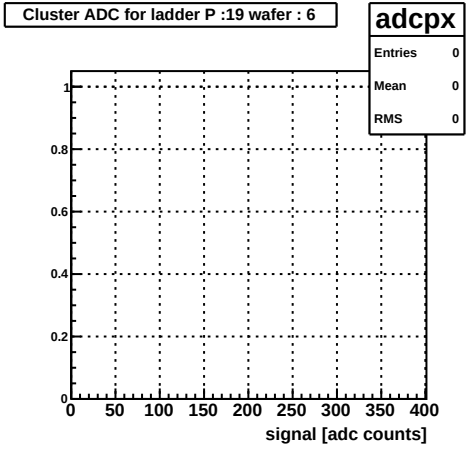

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

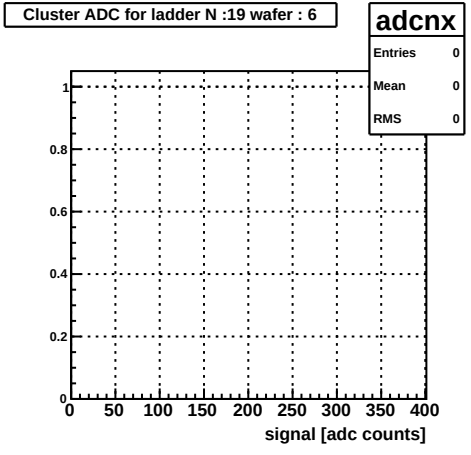

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

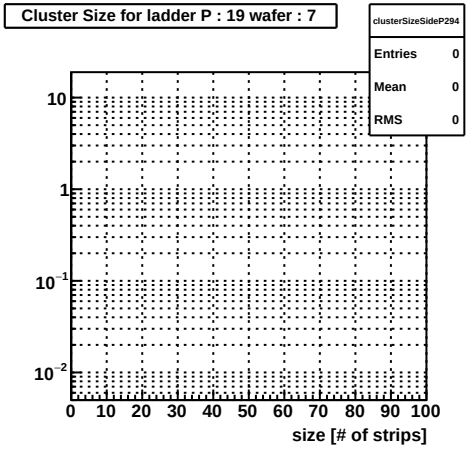

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

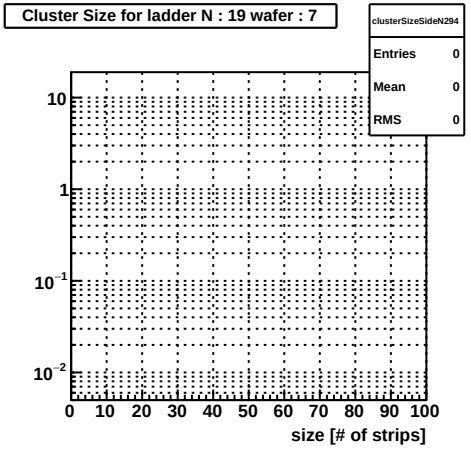

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

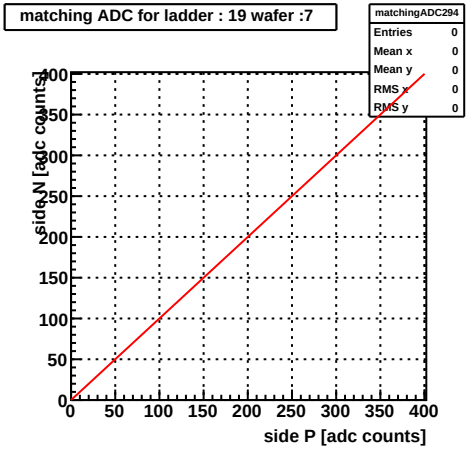

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

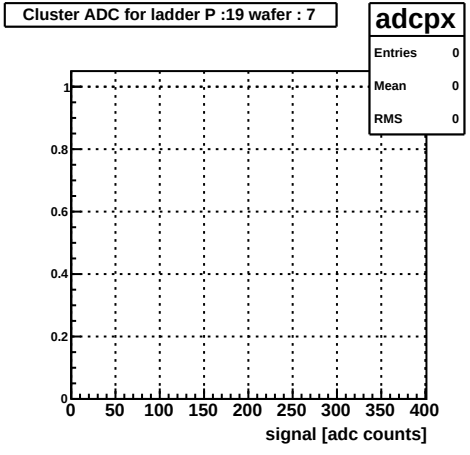

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

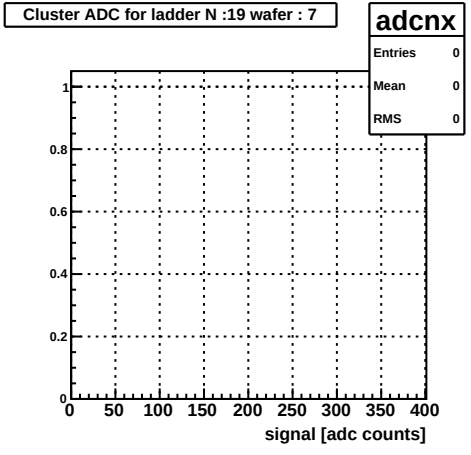

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

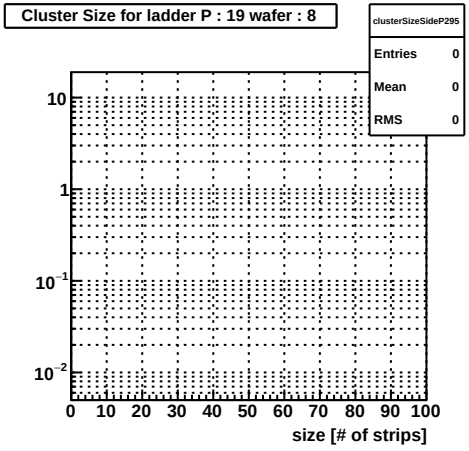

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

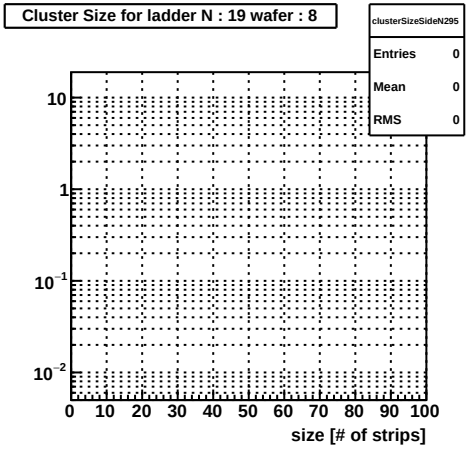

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

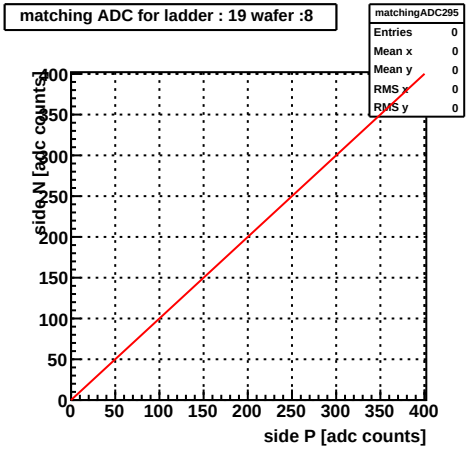

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

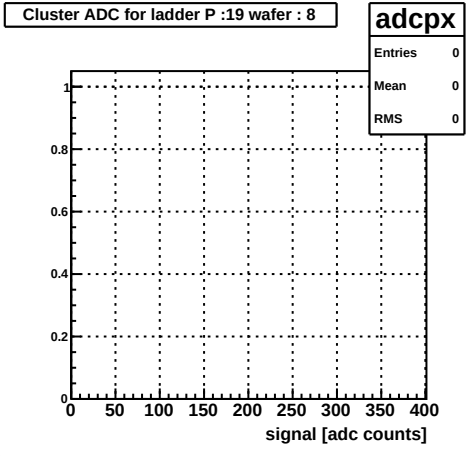

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

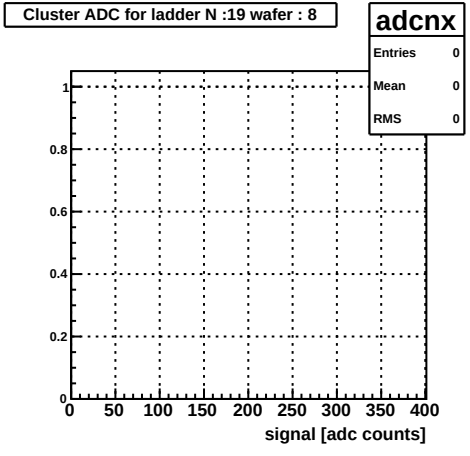

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

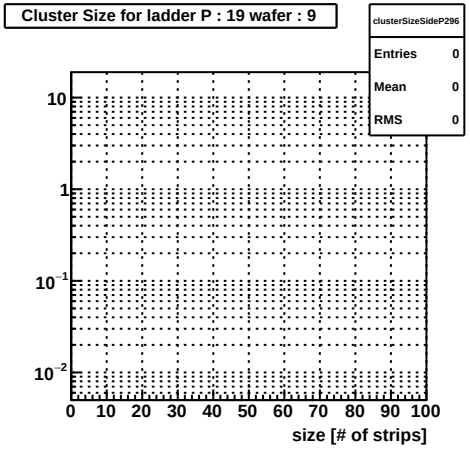

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

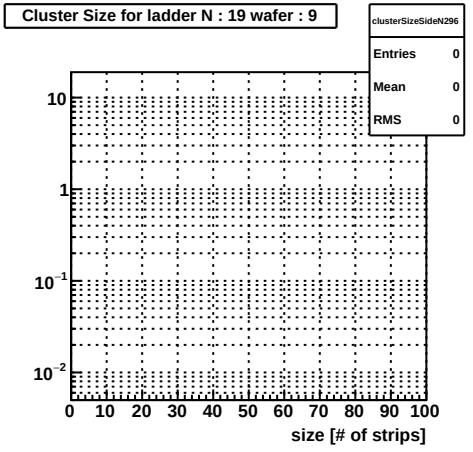

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

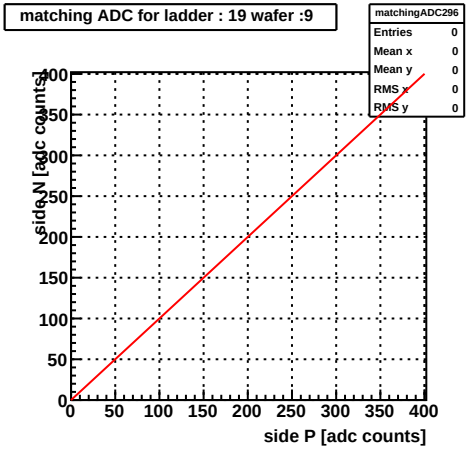

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

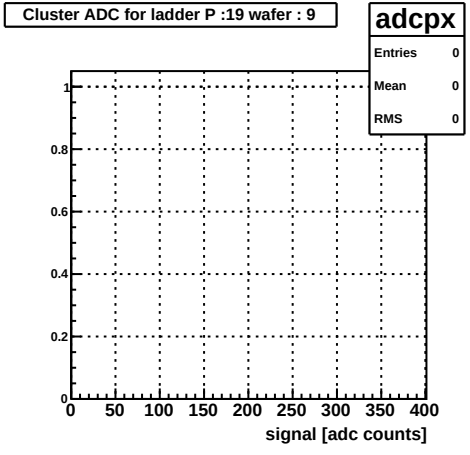

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

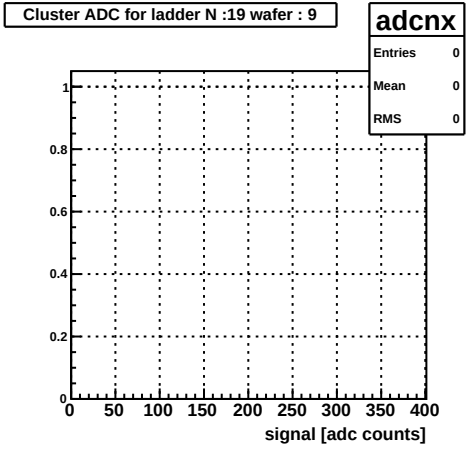

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

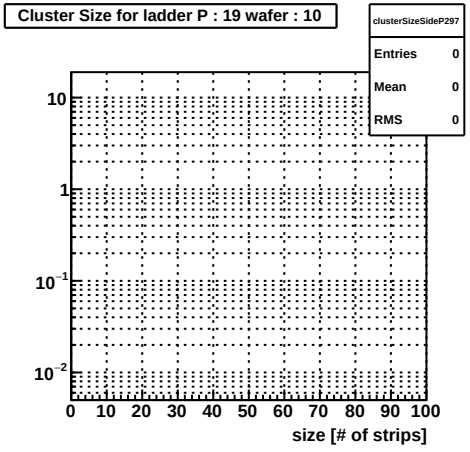

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

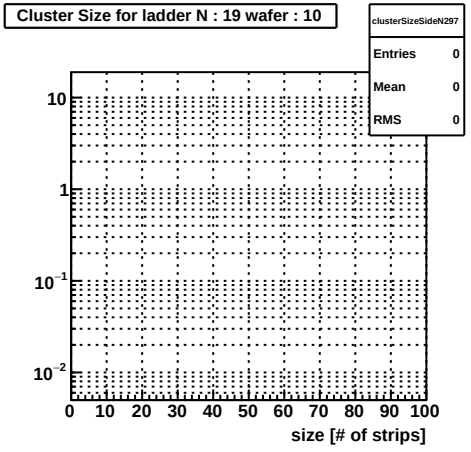

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

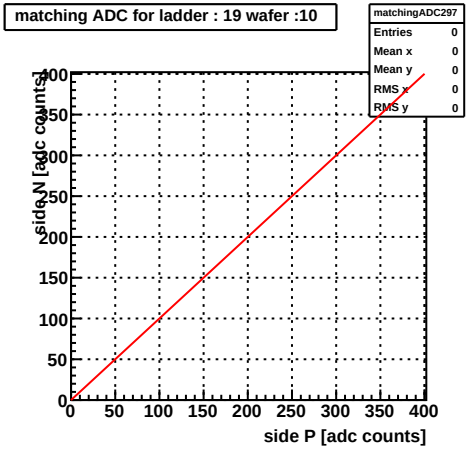

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

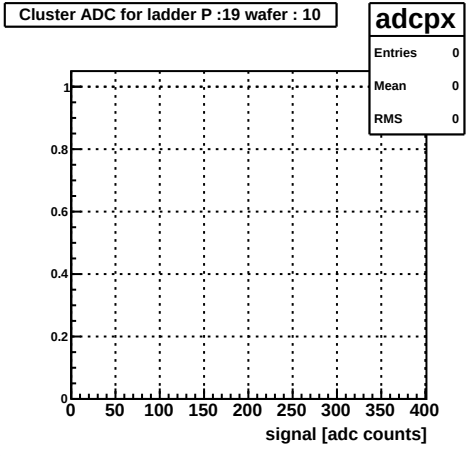

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

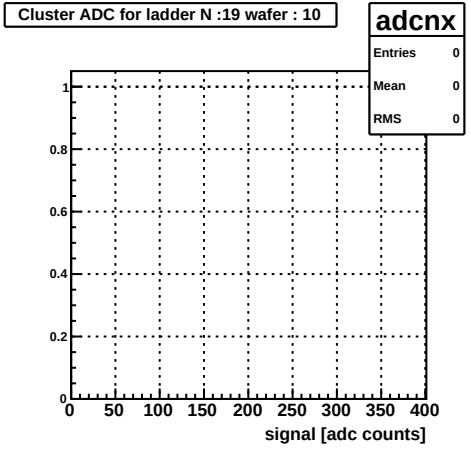

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

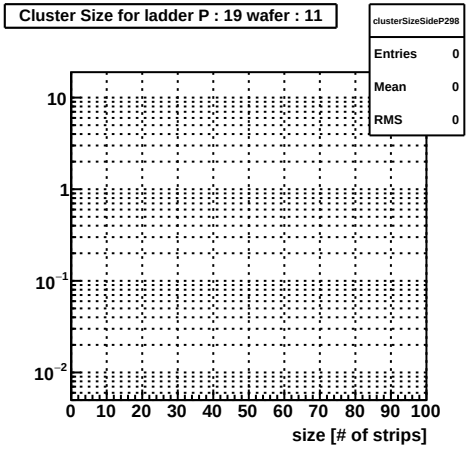

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

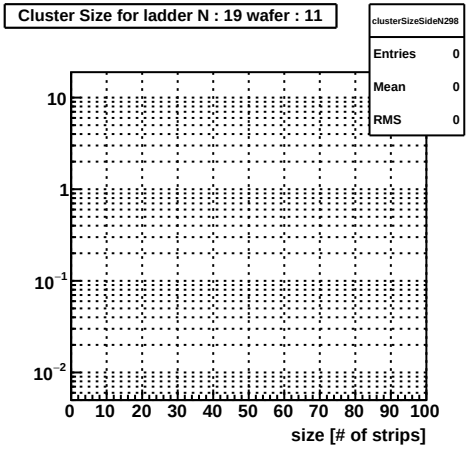

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

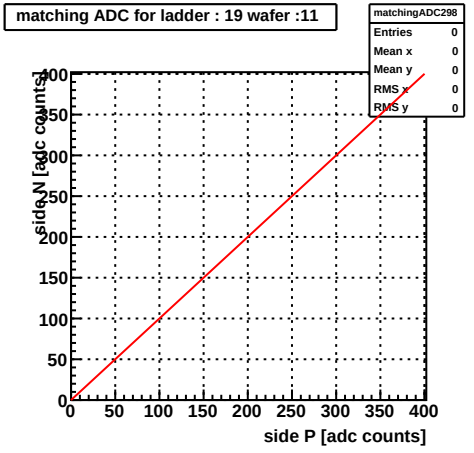

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

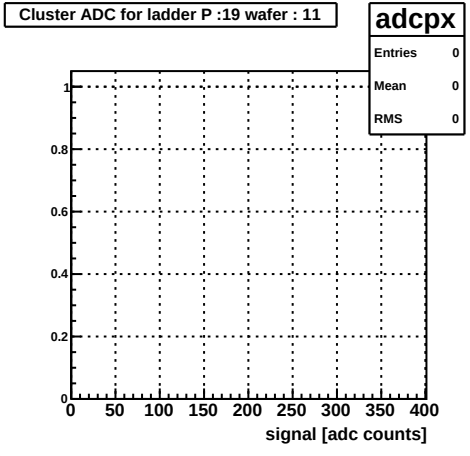

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

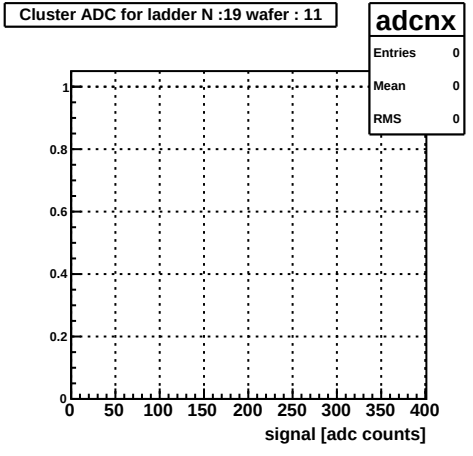

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

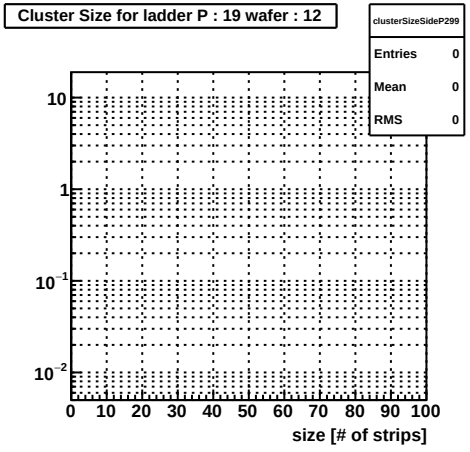

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

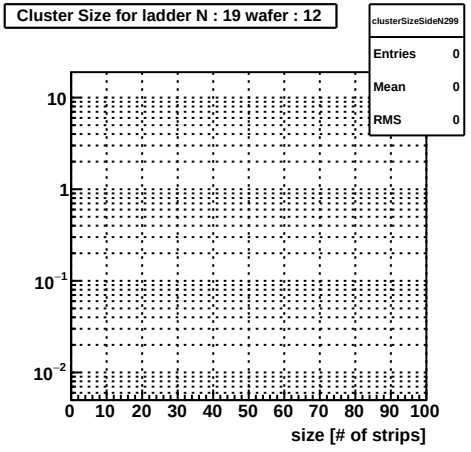

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

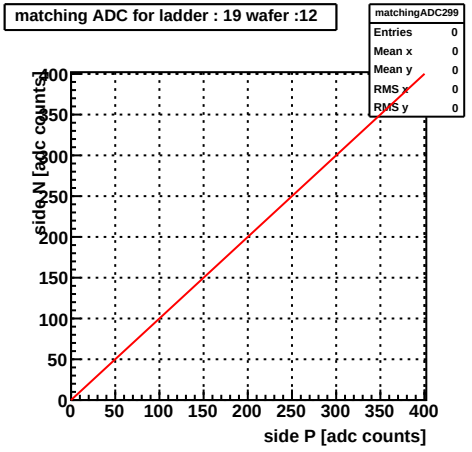

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

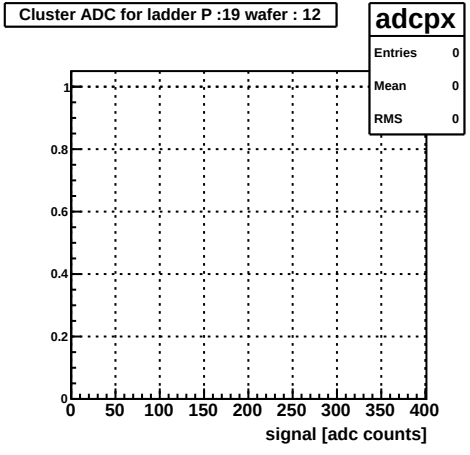

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

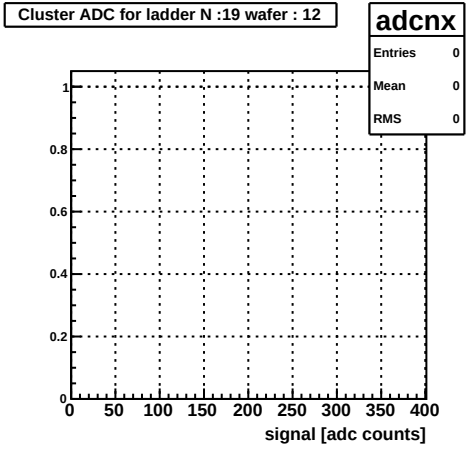

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

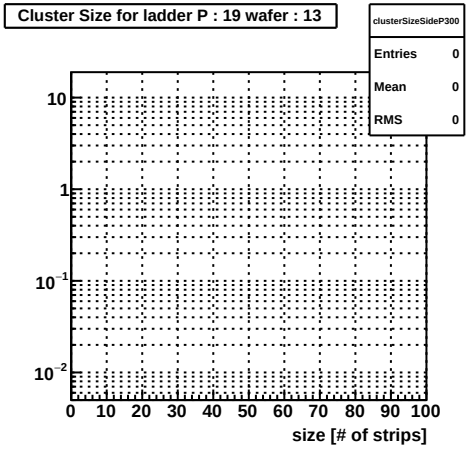

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

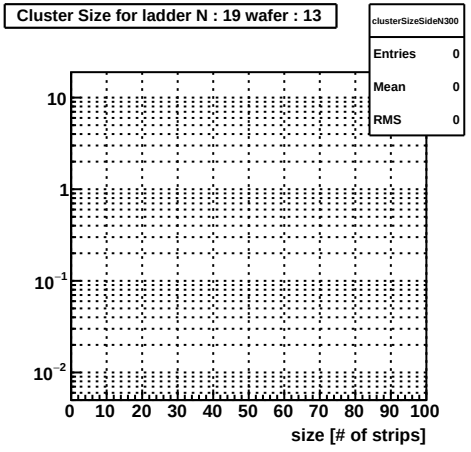

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

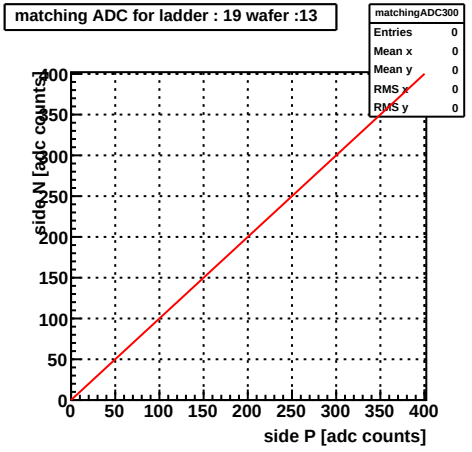

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

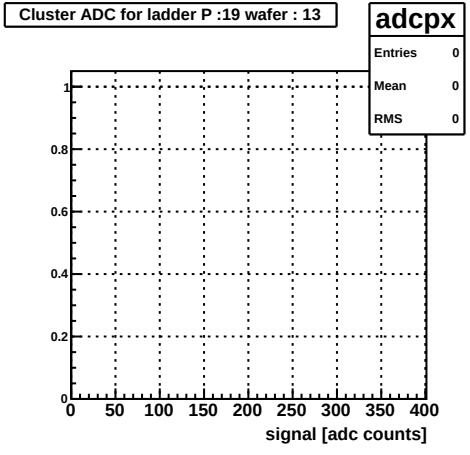

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

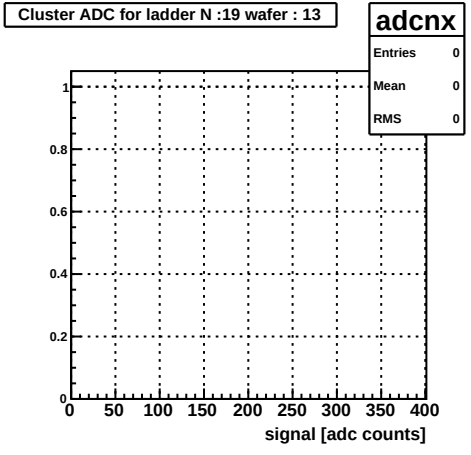

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

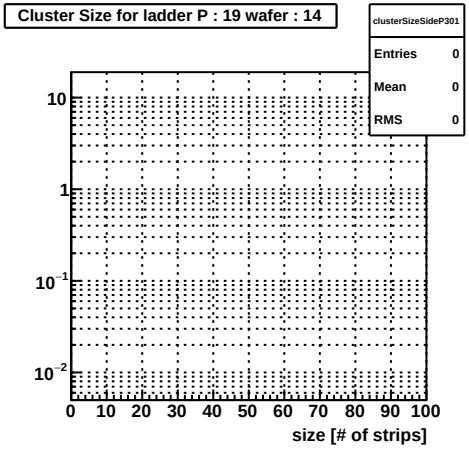

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

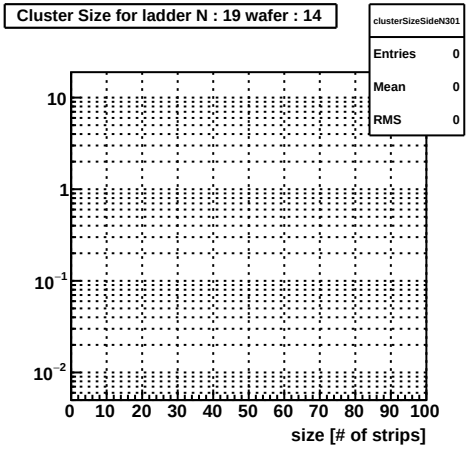

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

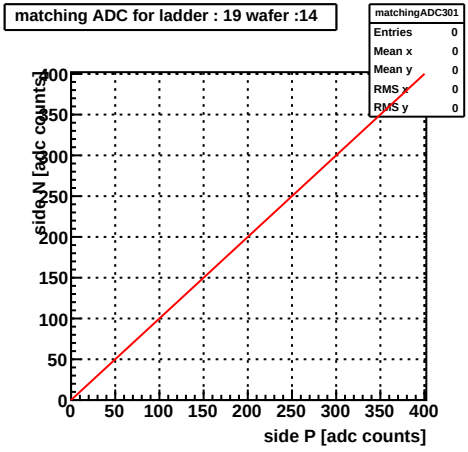

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

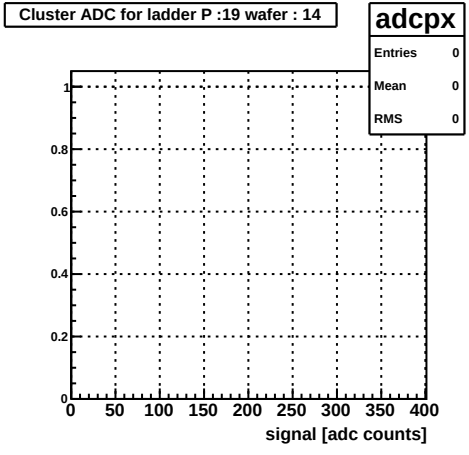

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

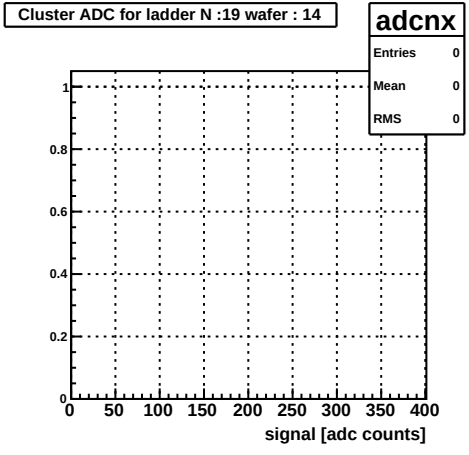

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

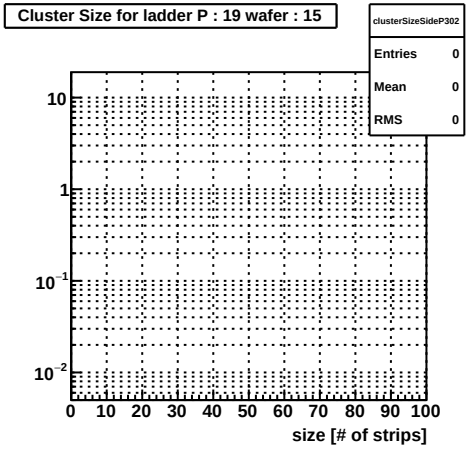

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

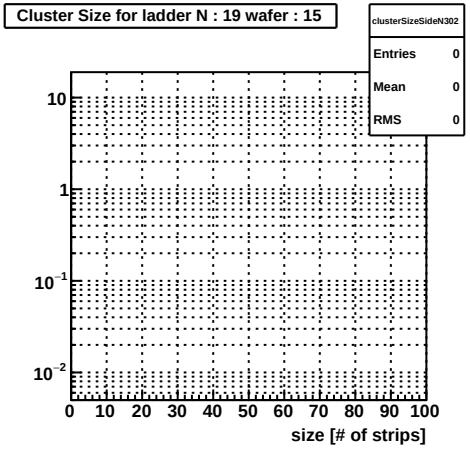

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

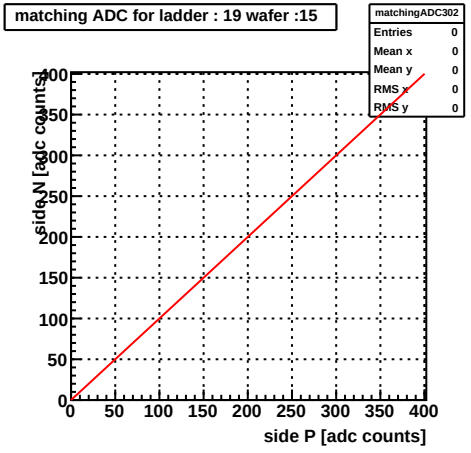

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

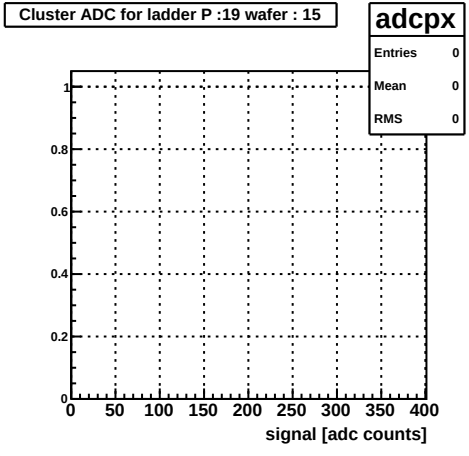

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

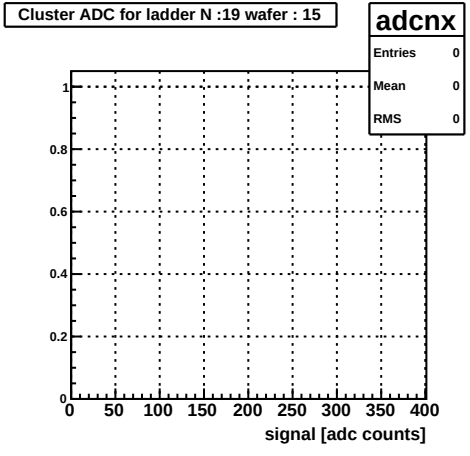

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

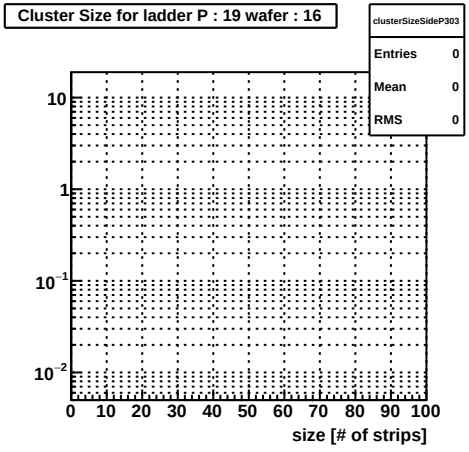

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

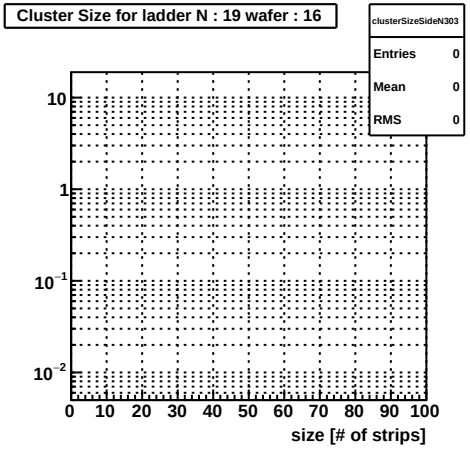

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

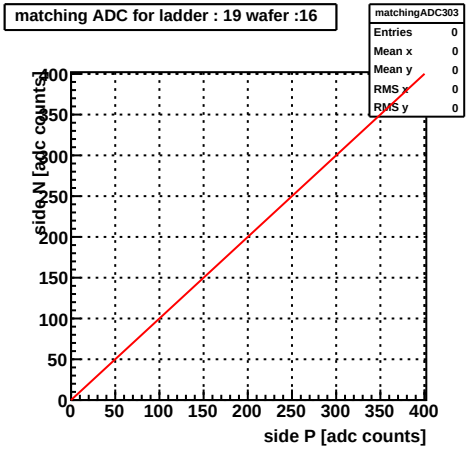

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

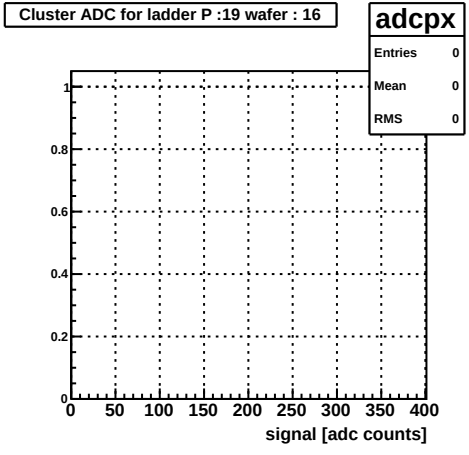

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

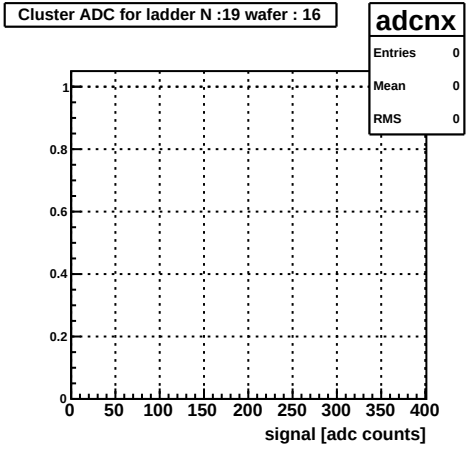

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

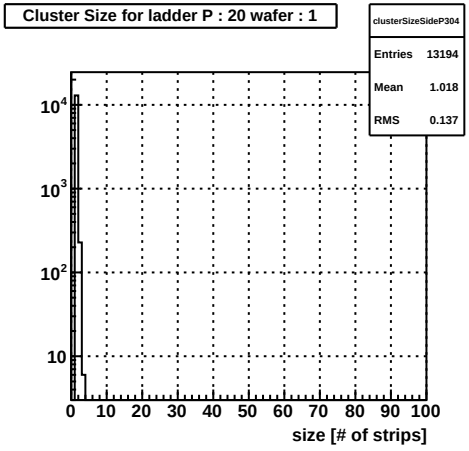

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

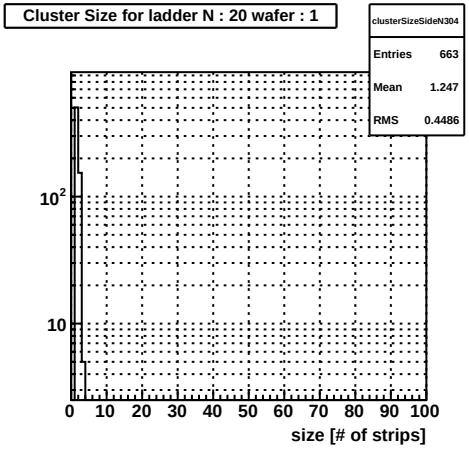

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

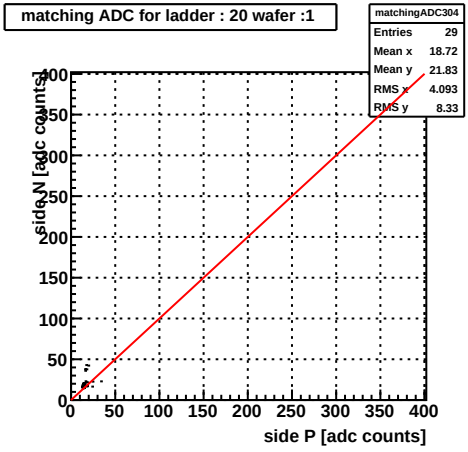

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

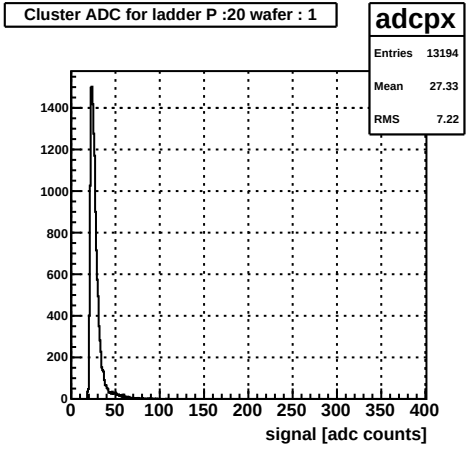

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

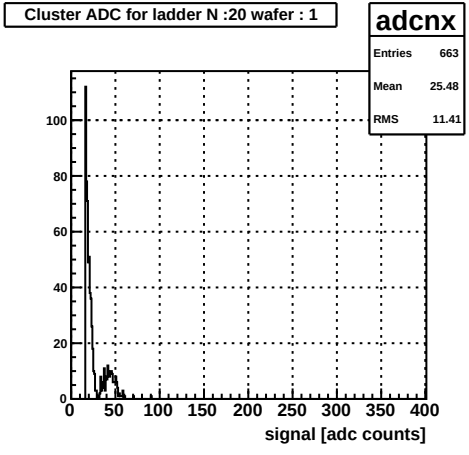

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

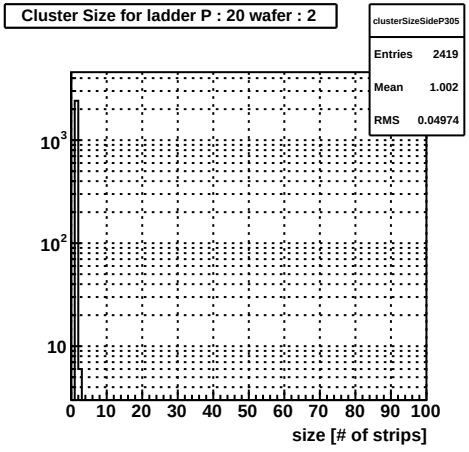

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 13194
Mean 1.018
RMS 0.137
size [# of strips]

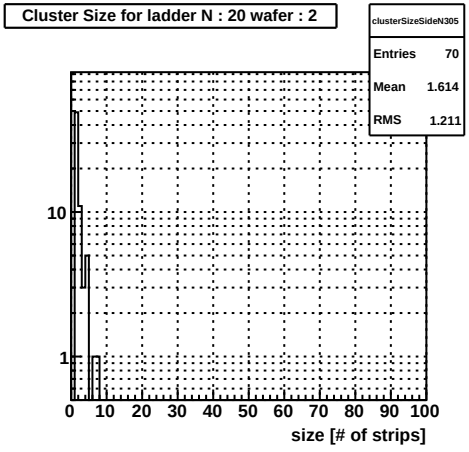

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 663
Mean 1.247
RMS 0.4486
size [# of strips]

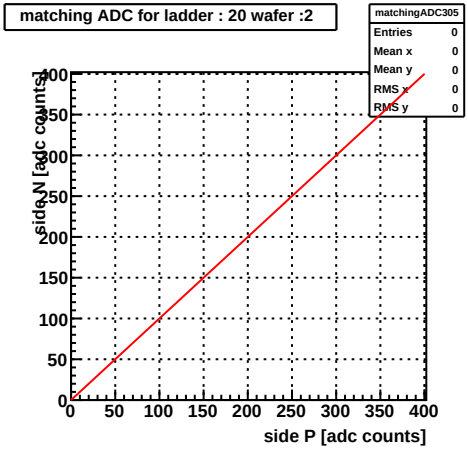

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 29
Mean x 18.72
Mean y 21.83
RMS x 4.093
RMS y 8.33
side N [adc counts]
side P [adc counts]

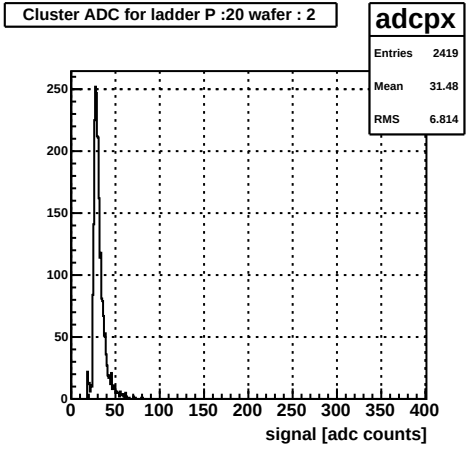

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 13194
Mean 27.33
RMS 7.22
signal [adc counts]

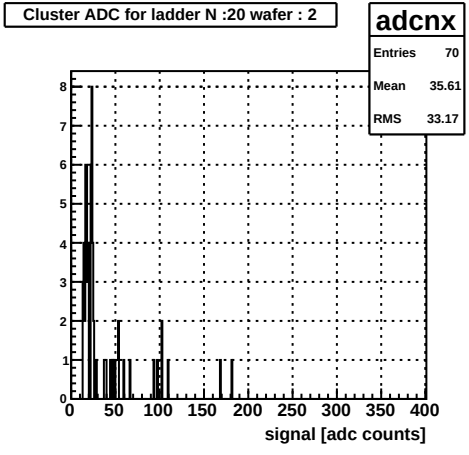

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 663
Mean 25.48
RMS 11.41
signal [adc counts]

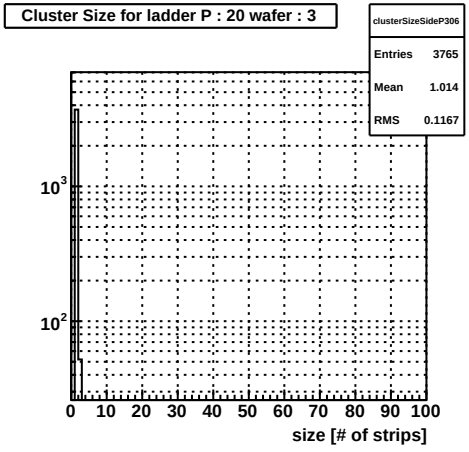

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2419
Mean 1.002
RMS 0.04974
size [# of strips]

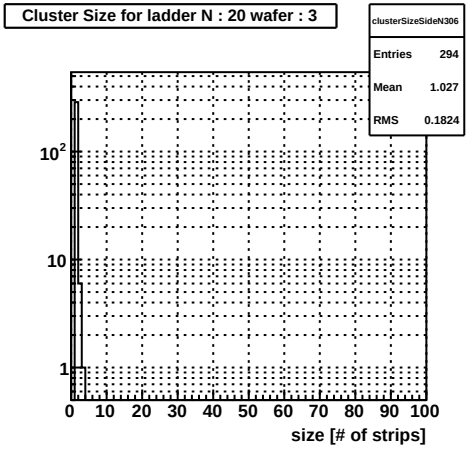

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 70
Mean 1.614
RMS 1.211
size [# of strips]

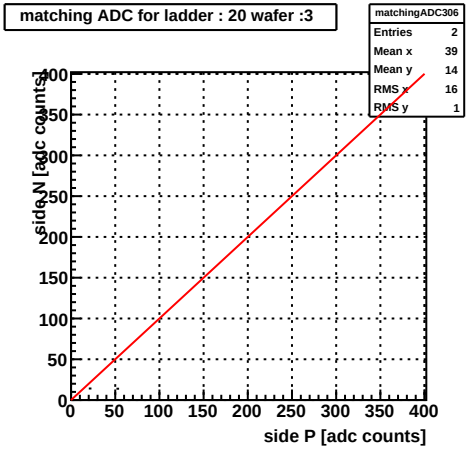

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

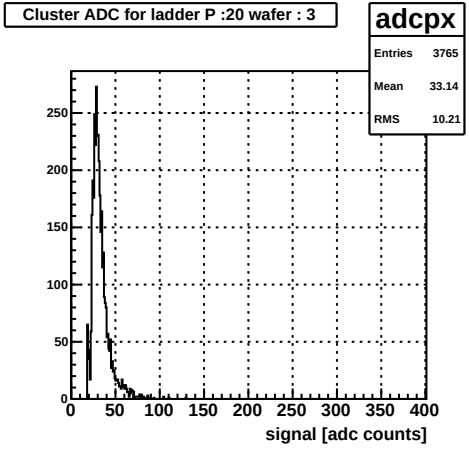

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2419
Mean 31.48
RMS 6.814
signal [adc counts]

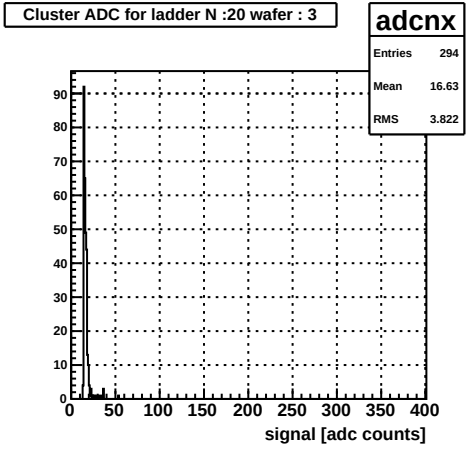

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 70
Mean 35.61
RMS 33.17
signal [adc counts]

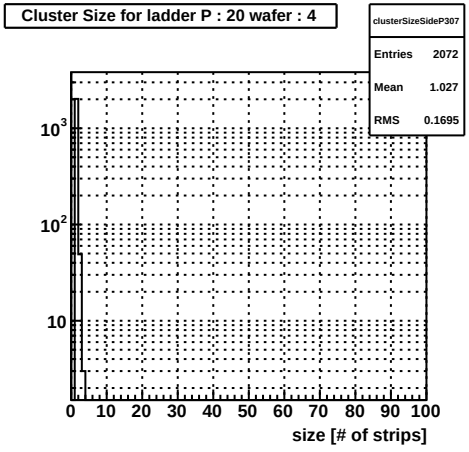

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3765
Mean 1.014
RMS 0.1167
size [# of strips]

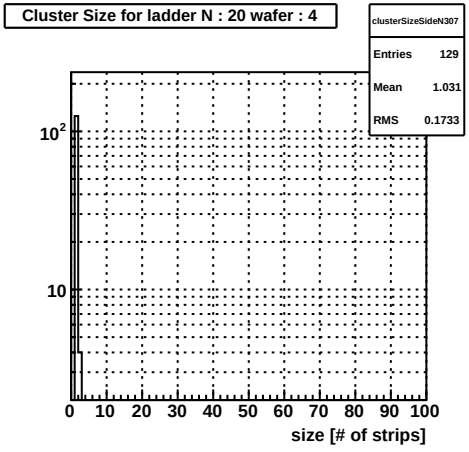

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 294
Mean 1.027
RMS 0.1824
size [# of strips]

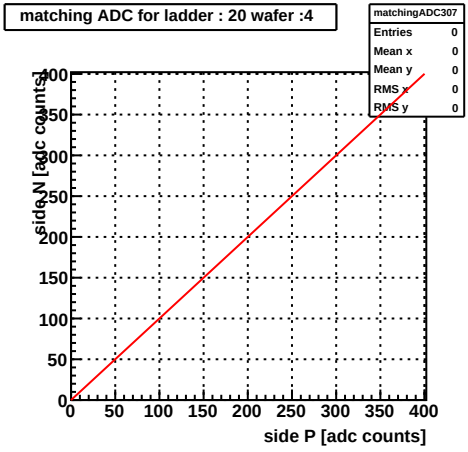

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2
Mean x 39
Mean y 14
RMS x 16
RMS y 1
side N [adc counts]
side P [adc counts]

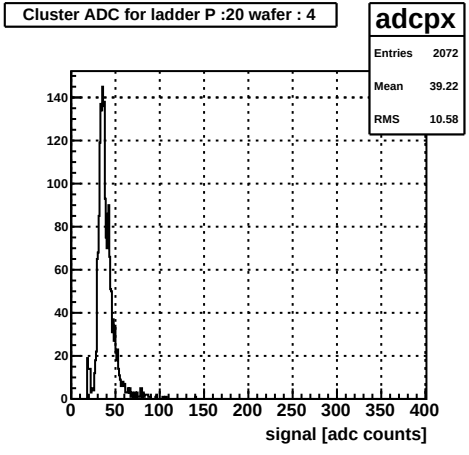

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3765
Mean 33.14
RMS 10.21
signal [adc counts]

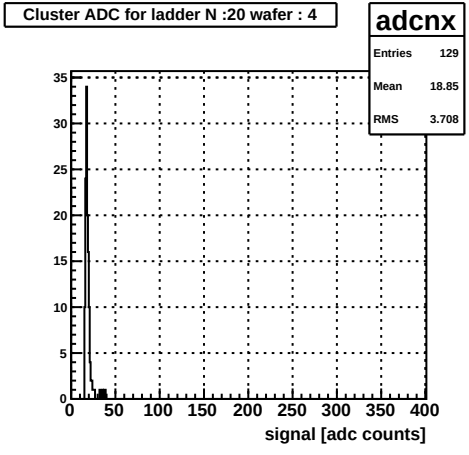

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 294
Mean 16.63
RMS 3.822
signal [adc counts]

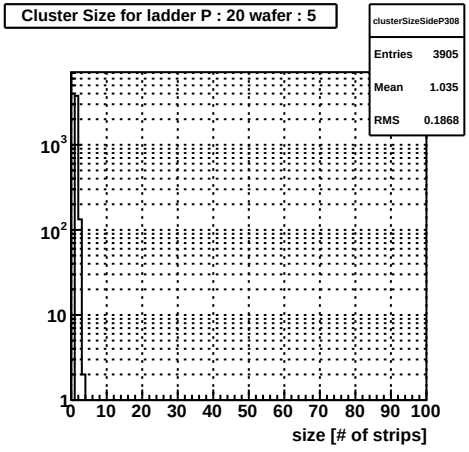

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2072
Mean 1.027
RMS 0.1695
size [# of strips]

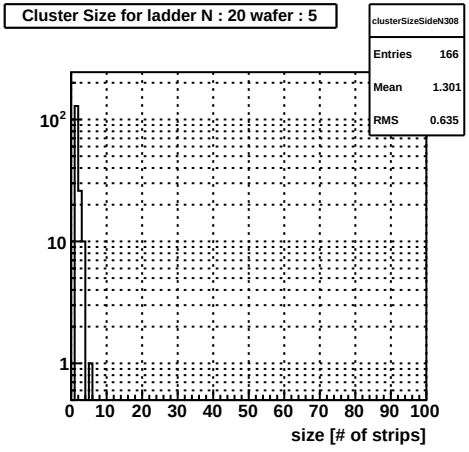

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 129
Mean 1.031
RMS 0.1733
size [# of strips]

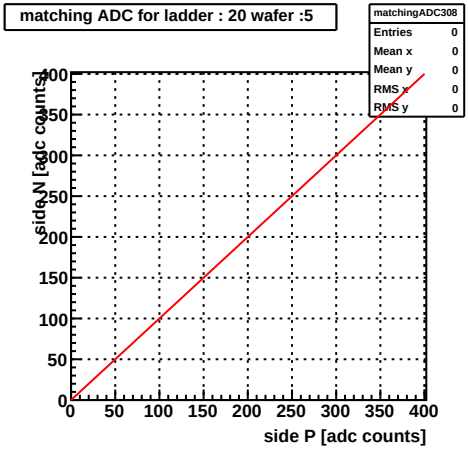

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

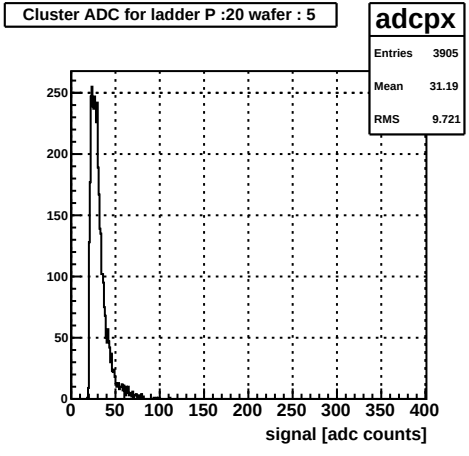

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2072
Mean 39.22
RMS 10.58
signal [adc counts]

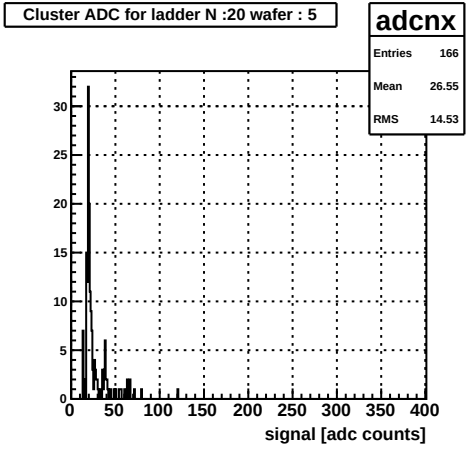

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 129
Mean 18.85
RMS 3.708
signal [adc counts]

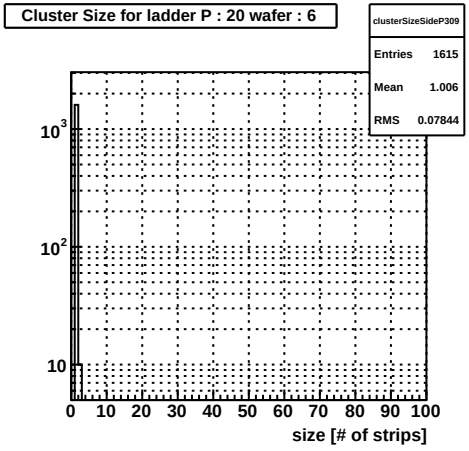

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3905
Mean 1.035
RMS 0.1868
size [# of strips]

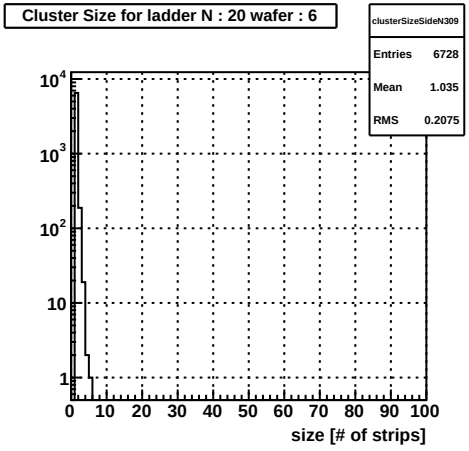

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 166
Mean 1.301
RMS 0.635
size [# of strips]

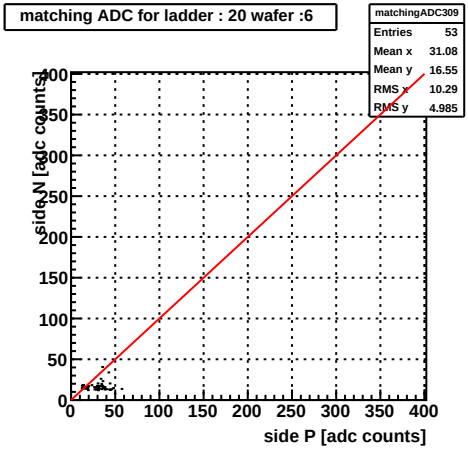

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

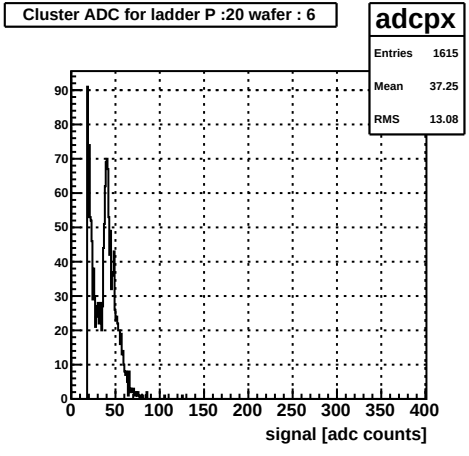

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3905
Mean 31.19
RMS 9.721
signal [adc counts]

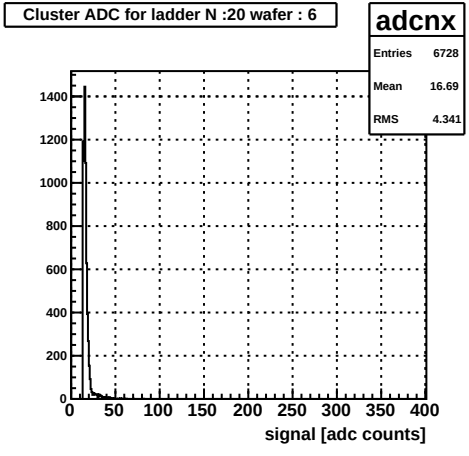

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 166
Mean 26.55
RMS 14.53
signal [adc counts]

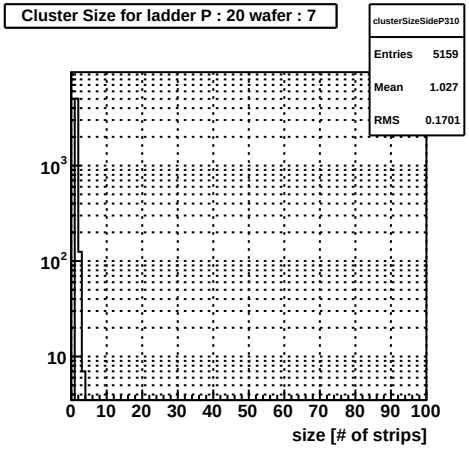

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1615
Mean 1.006
RMS 0.07844
size [# of strips]

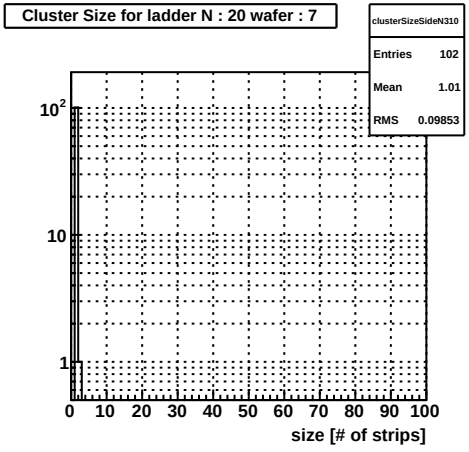

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 6728
Mean 1.035
RMS 0.2075
size [# of strips]

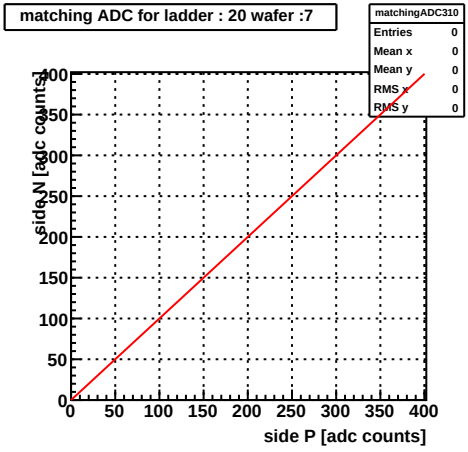

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 53
Mean x 31.08
Mean y 16.55
RMS x 10.29
RMS y 4.985
side N [adc counts]
side P [adc counts]

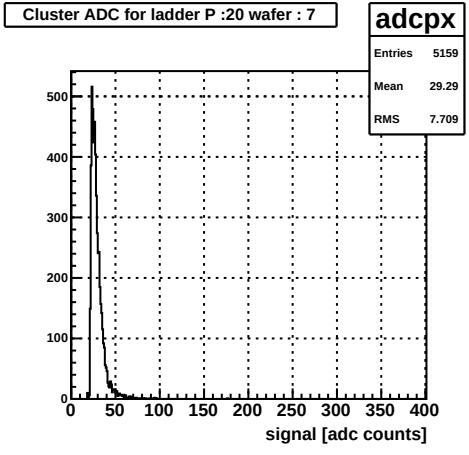

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1615
Mean 37.25
RMS 13.08
signal [adc counts]

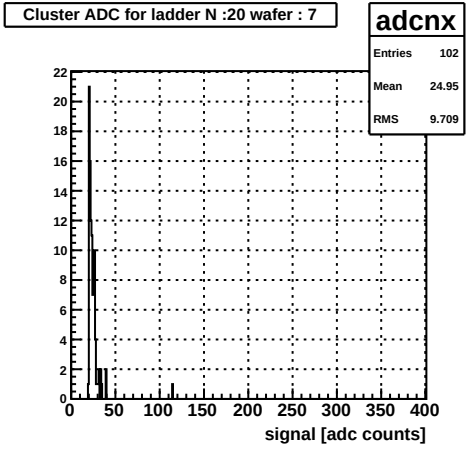

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 6728
Mean 16.69
RMS 4.341
signal [adc counts]

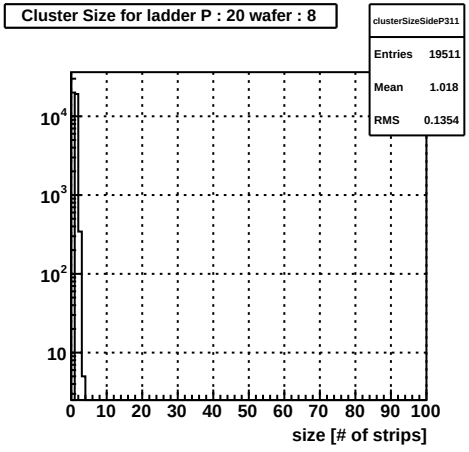

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5159
Mean 1.027
RMS 0.1701
size [# of strips]

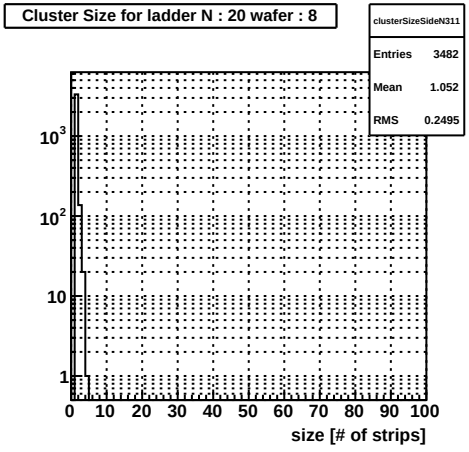

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 102
Mean 1.01
RMS 0.09853
size [# of strips]

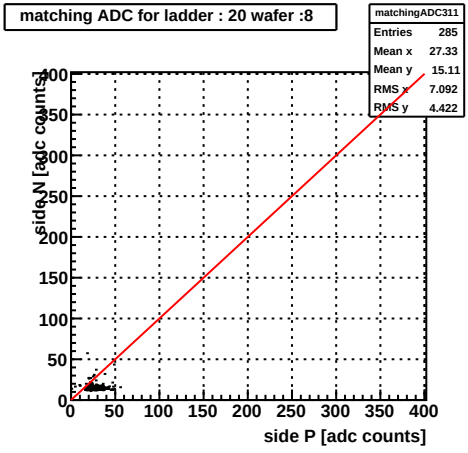

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

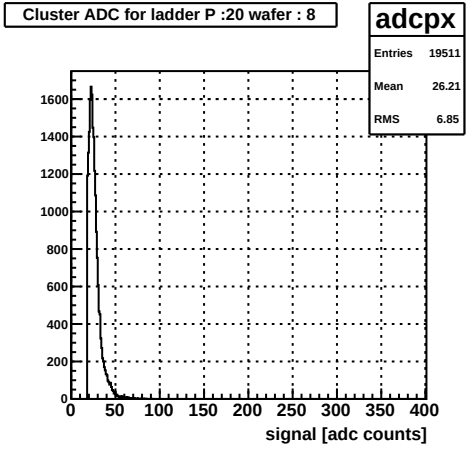

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5159
Mean 29.29
RMS 7.709
signal [adc counts]

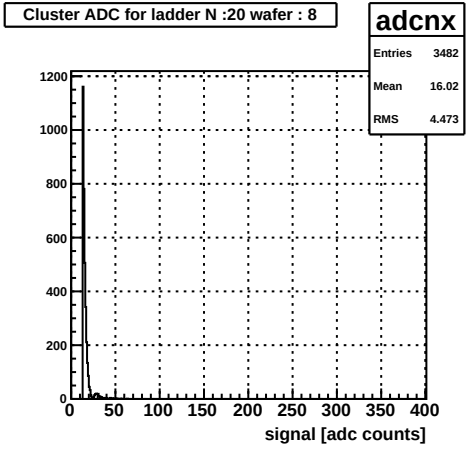

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 102
Mean 24.95
RMS 9.709
signal [adc counts]

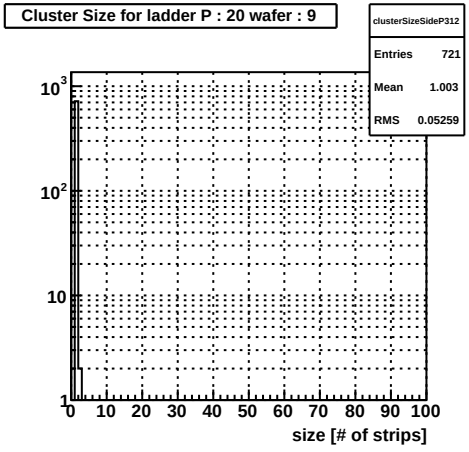

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 19511
Mean 1.018
RMS 0.1354
size [# of strips]

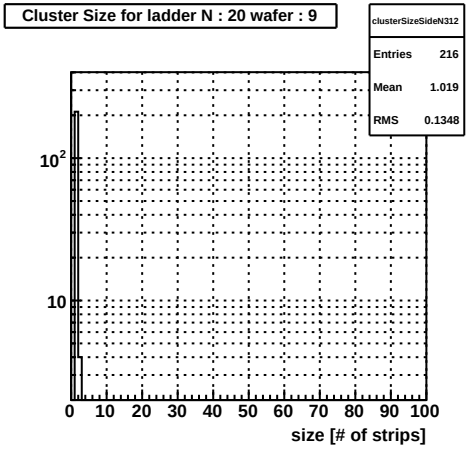

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 3482
Mean 1.052
RMS 0.2495
size [# of strips]

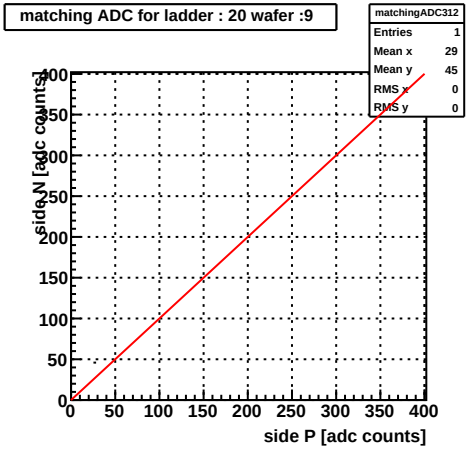

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 285
Mean x 27.33
Mean y 15.11
RMS x 7.092
RMS y 4.422
side N [adc counts]
side P [adc counts]

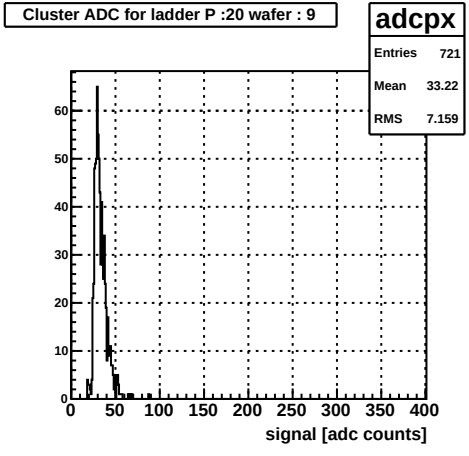

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 19511
Mean 26.21
RMS 6.85
signal [adc counts]

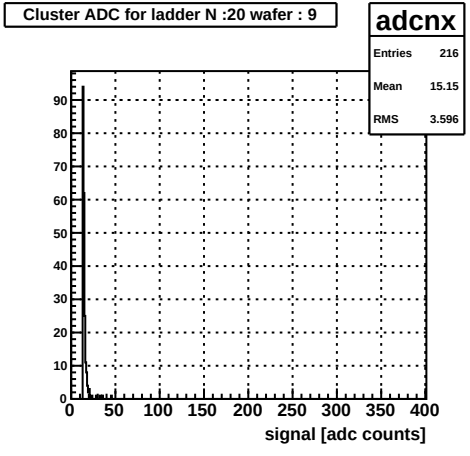

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 3482
Mean 16.02
RMS 4.473
signal [adc counts]

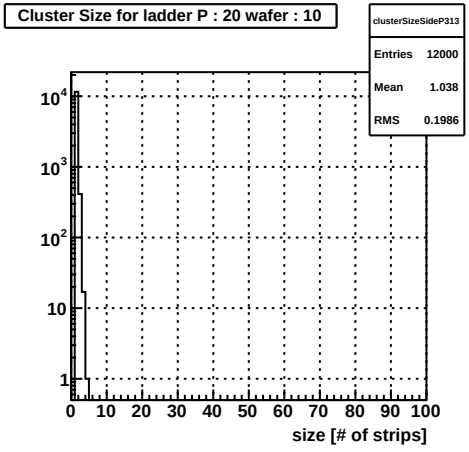

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 721
Mean 1.003
RMS 0.05259
size [# of strips]

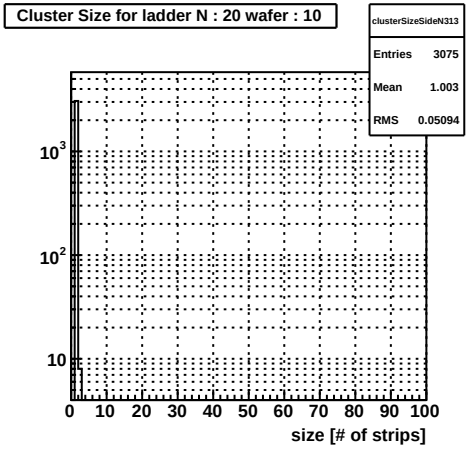

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 216
Mean 1.019
RMS 0.1348
size [# of strips]

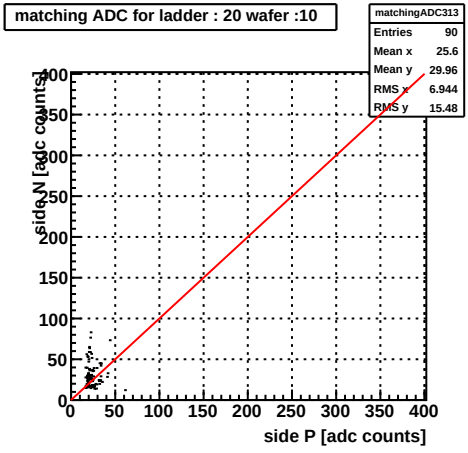

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1
Mean x 29
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

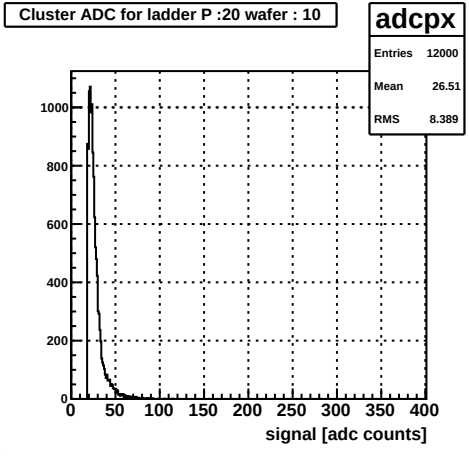

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 721
Mean 33.22
RMS 7.159
signal [adc counts]

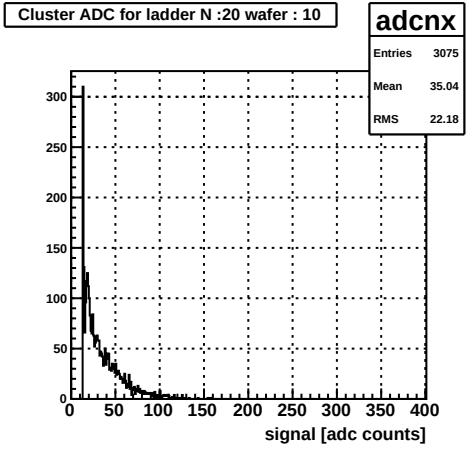

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 216
Mean 15.15
RMS 3.596
signal [adc counts]

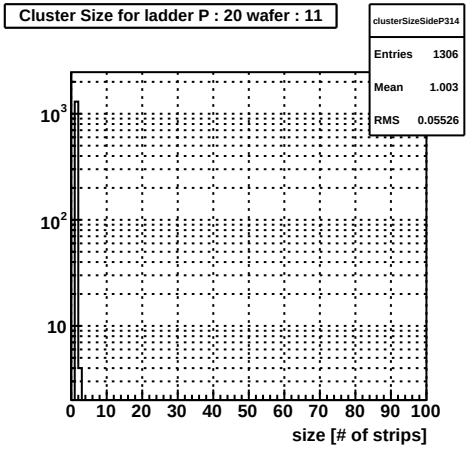

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12000
Mean 1.038
RMS 0.1986
size [# of strips]

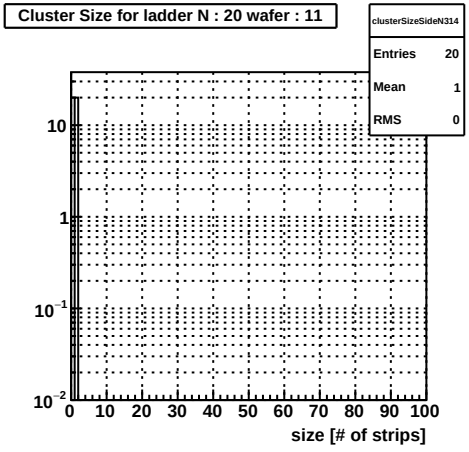

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3075
Mean 1.003
RMS 0.05094
size [# of strips]

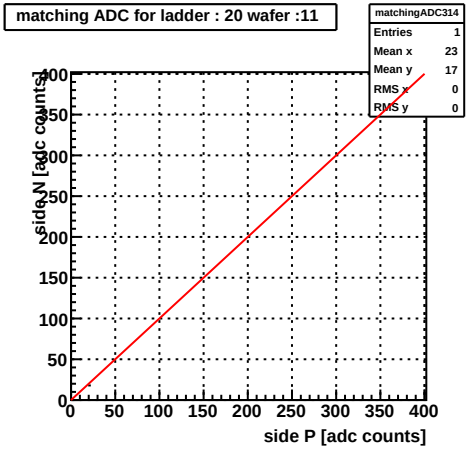

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 90
Mean x 25.6
Mean y 29.96
RMS x 6.944
RMS y 15.48
side N [adc counts]
side P [adc counts]

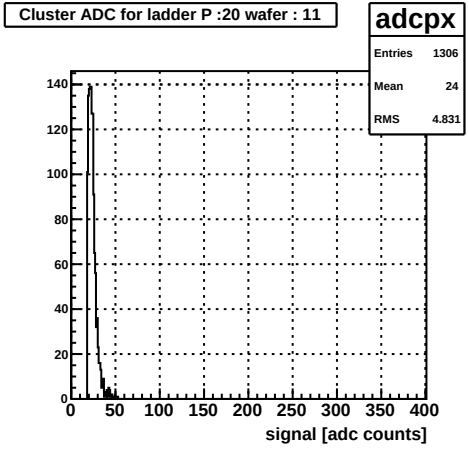

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12000
Mean 26.51
RMS 8.389
signal [adc counts]

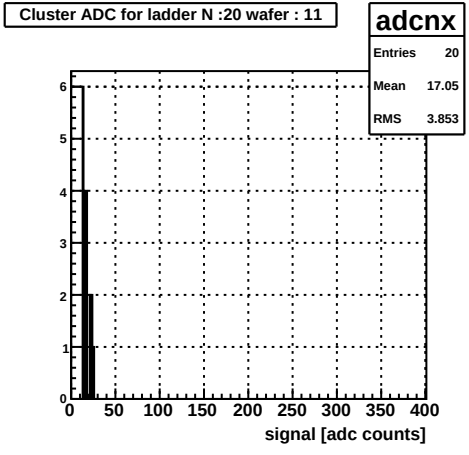

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3075
Mean 35.04
RMS 22.18
signal [adc counts]

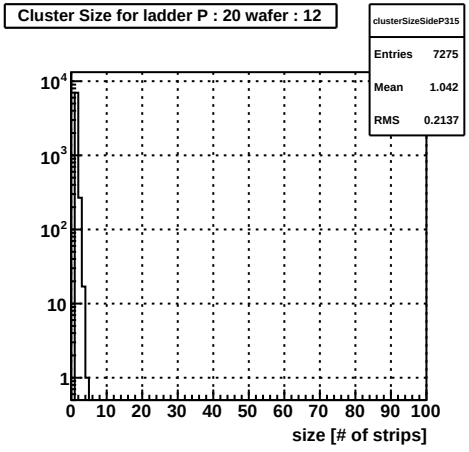

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 1306
Mean 1.003
RMS 0.05526
size [# of strips]

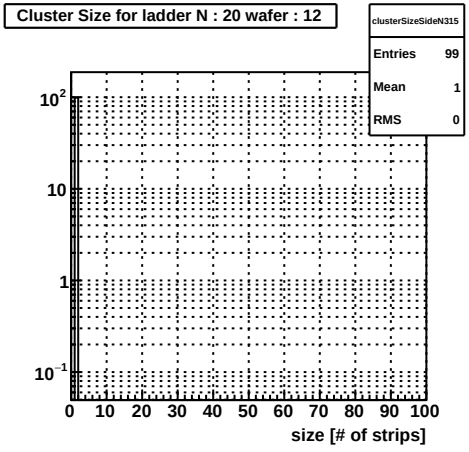

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 20
Mean 1
RMS 0
size [# of strips]

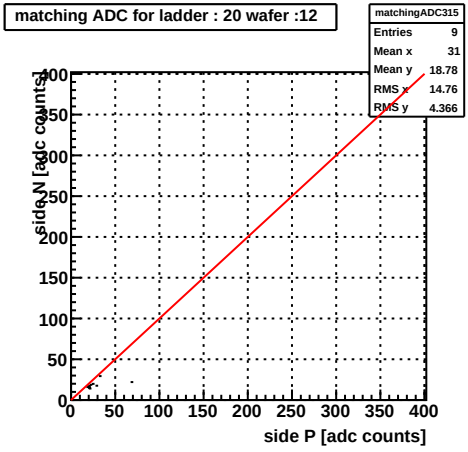

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

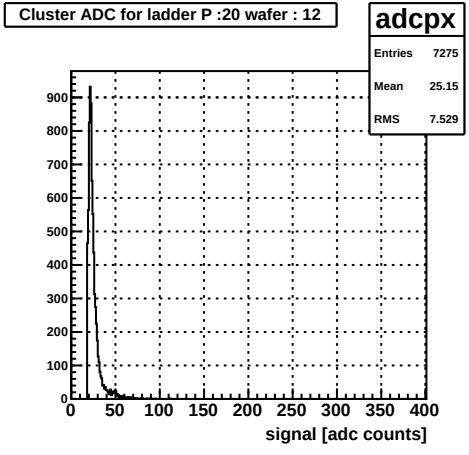

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 1306
Mean 24
RMS 4.831
signal [adc counts]

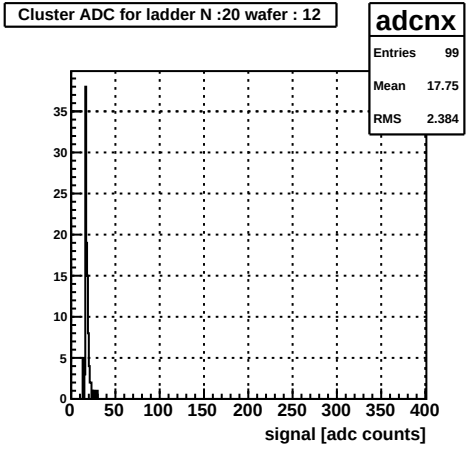

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 20
Mean 17.05
RMS 3.853
signal [adc counts]

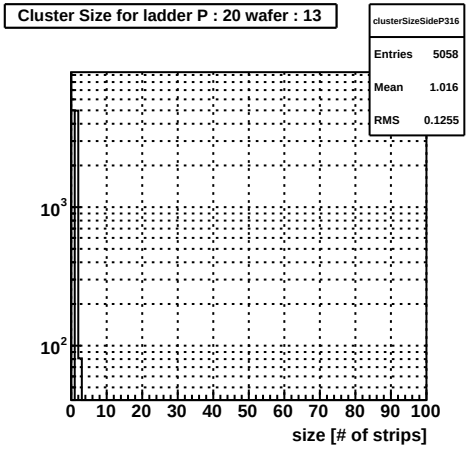

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 7275
Mean 1.042
RMS 0.2137
size [# of strips]

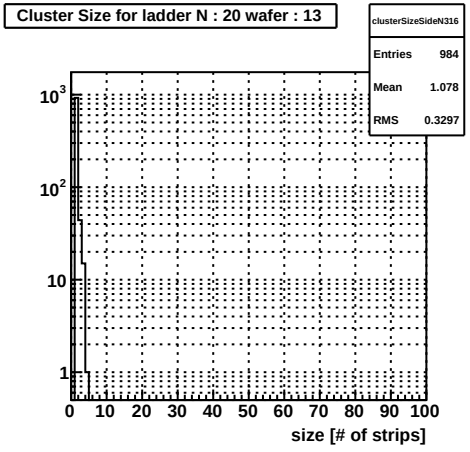

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 99
Mean 1
RMS 0
size [# of strips]

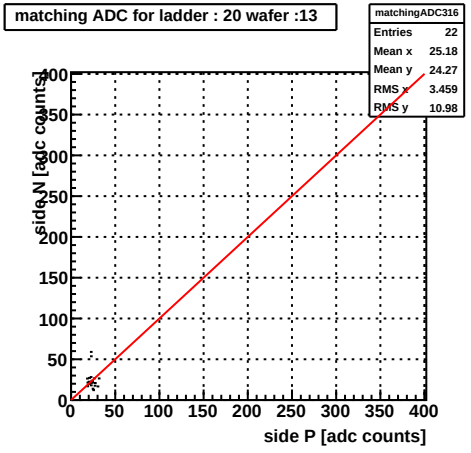

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 9
Mean x 31
Mean y 18.78
RMS x 14.76
RMS y 4.366
side N [adc counts]
side P [adc counts]

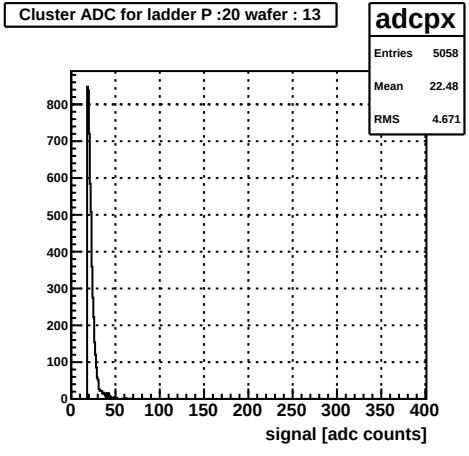

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 7275
Mean 25.15
RMS 7.529
signal [adc counts]

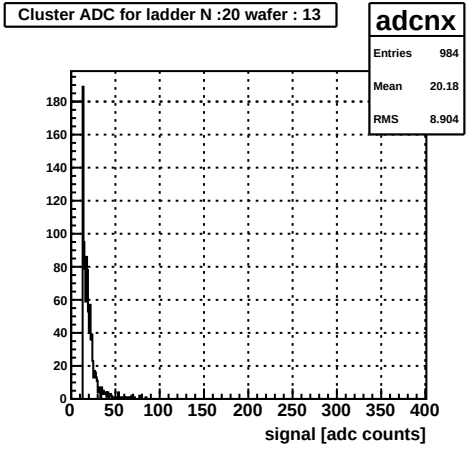

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 99
Mean 17.75
RMS 2.384
signal [adc counts]

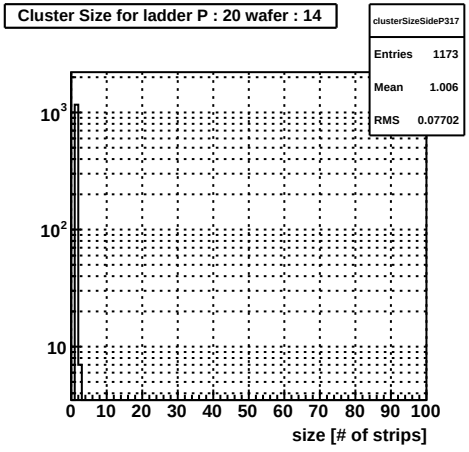

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5058
Mean 1.016
RMS 0.1255
size [# of strips]

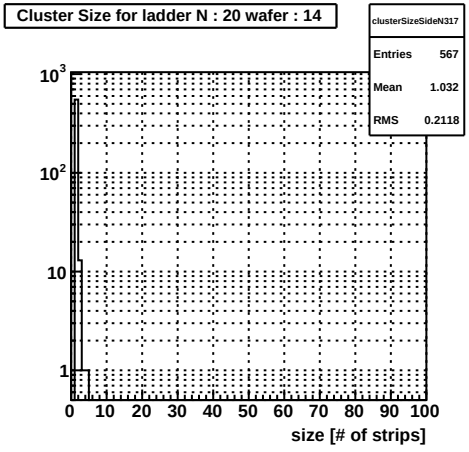

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 984
Mean 1.078
RMS 0.3297
size [# of strips]

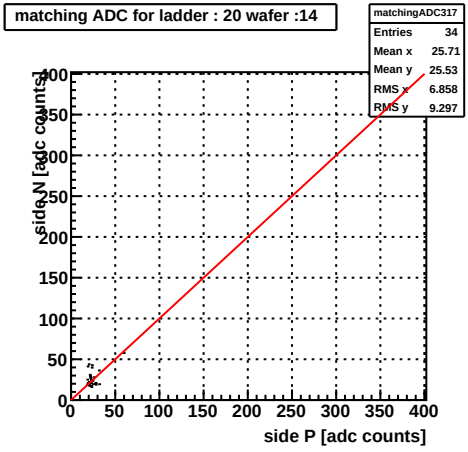

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 22
Mean x 25.18
Mean y 24.27
RMS x 3.459
RMS y 10.98
side N [adc counts]
side P [adc counts]

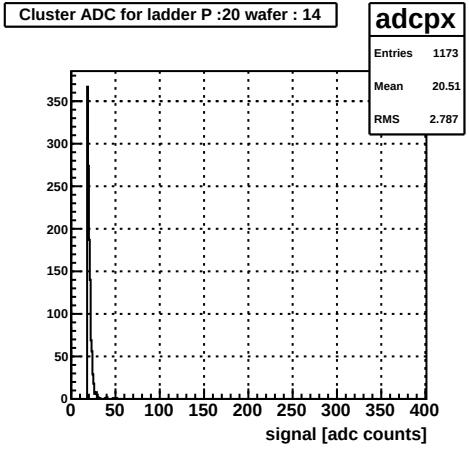

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5058
Mean 22.48
RMS 4.671
signal [adc counts]

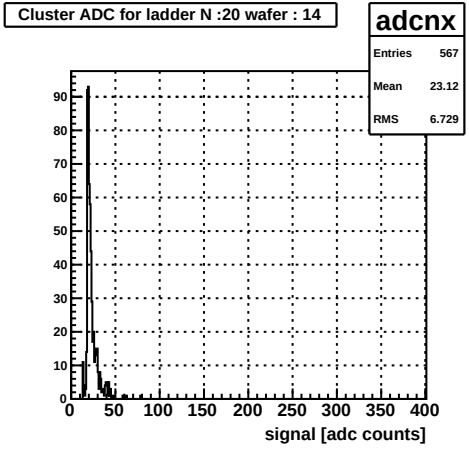

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 984
Mean 20.18
RMS 8.904
signal [adc counts]

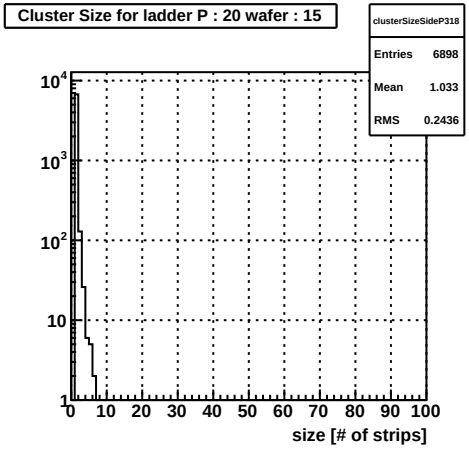

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1173
Mean 1.006
RMS 0.07702
size [# of strips]

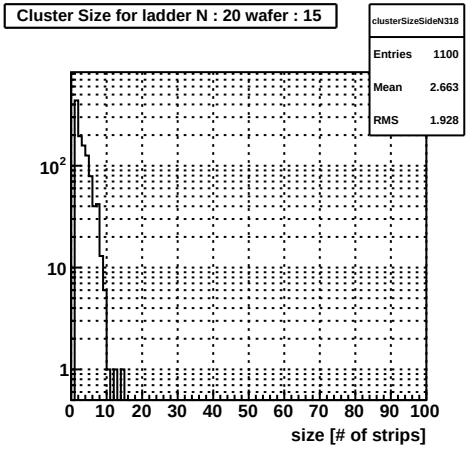

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 567
Mean 1.032
RMS 0.2118
size [# of strips]

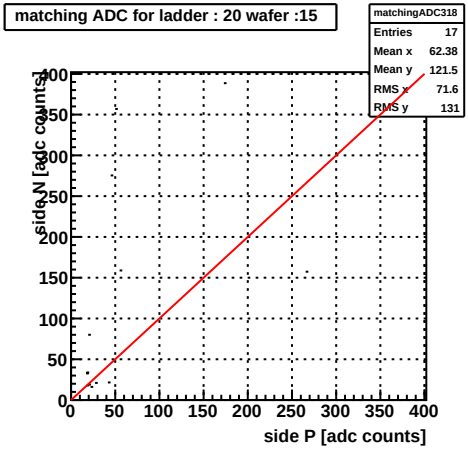

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 34
Mean x 25.71
Mean y 25.53
RMS x 6.858
RMS y 9.297
side N [adc counts]
side P [adc counts]

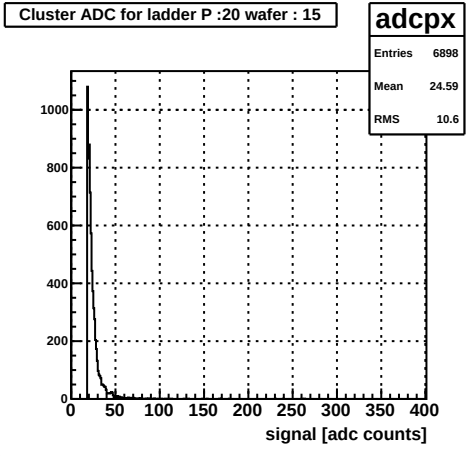

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1173
Mean 20.51
RMS 2.787
signal [adc counts]

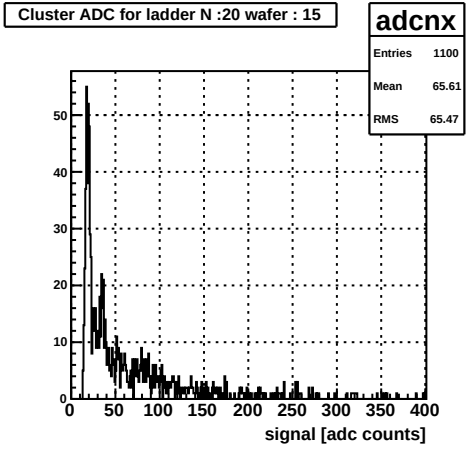

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 567
Mean 23.12
RMS 6.729
signal [adc counts]

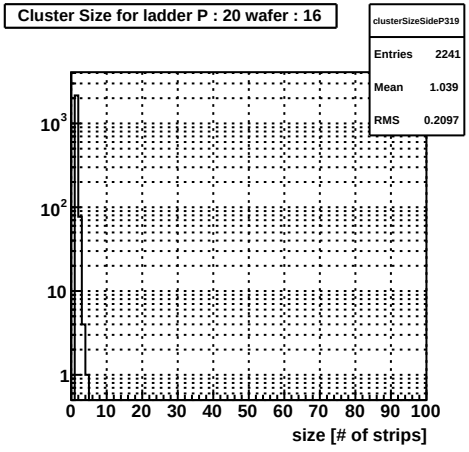

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6898
Mean 1.033
RMS 0.2436
size [# of strips]

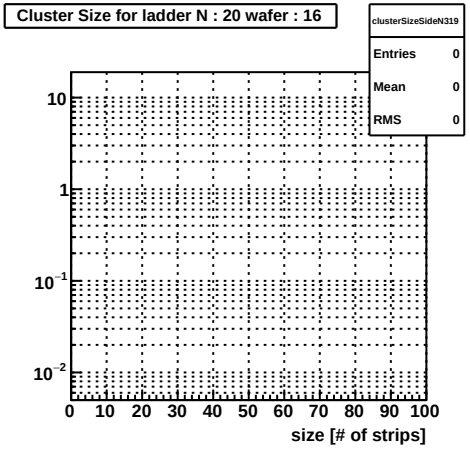

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1100
Mean 2.663
RMS 1.928
size [# of strips]

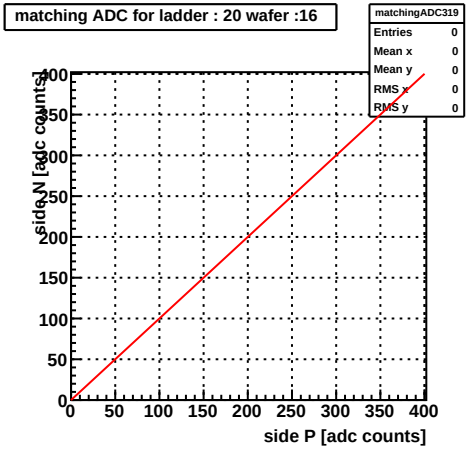

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 17
Mean x 62.38
Mean y 121.5
RMS x 71.6
RMS y 131
side N [adc counts]
side P [adc counts]

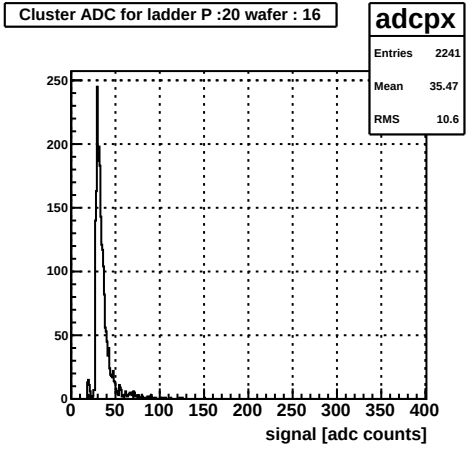

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6898
Mean 24.59
RMS 10.6
signal [adc counts]

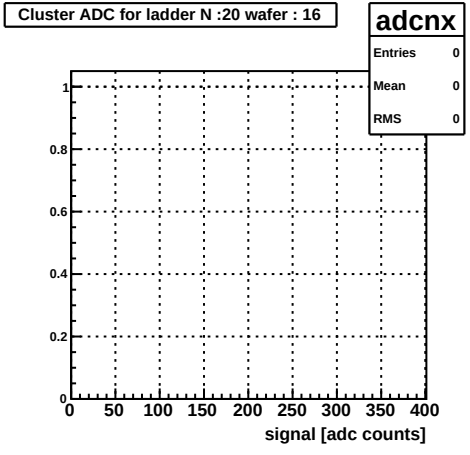

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1100
Mean 65.61
RMS 65.47
signal [adc counts]

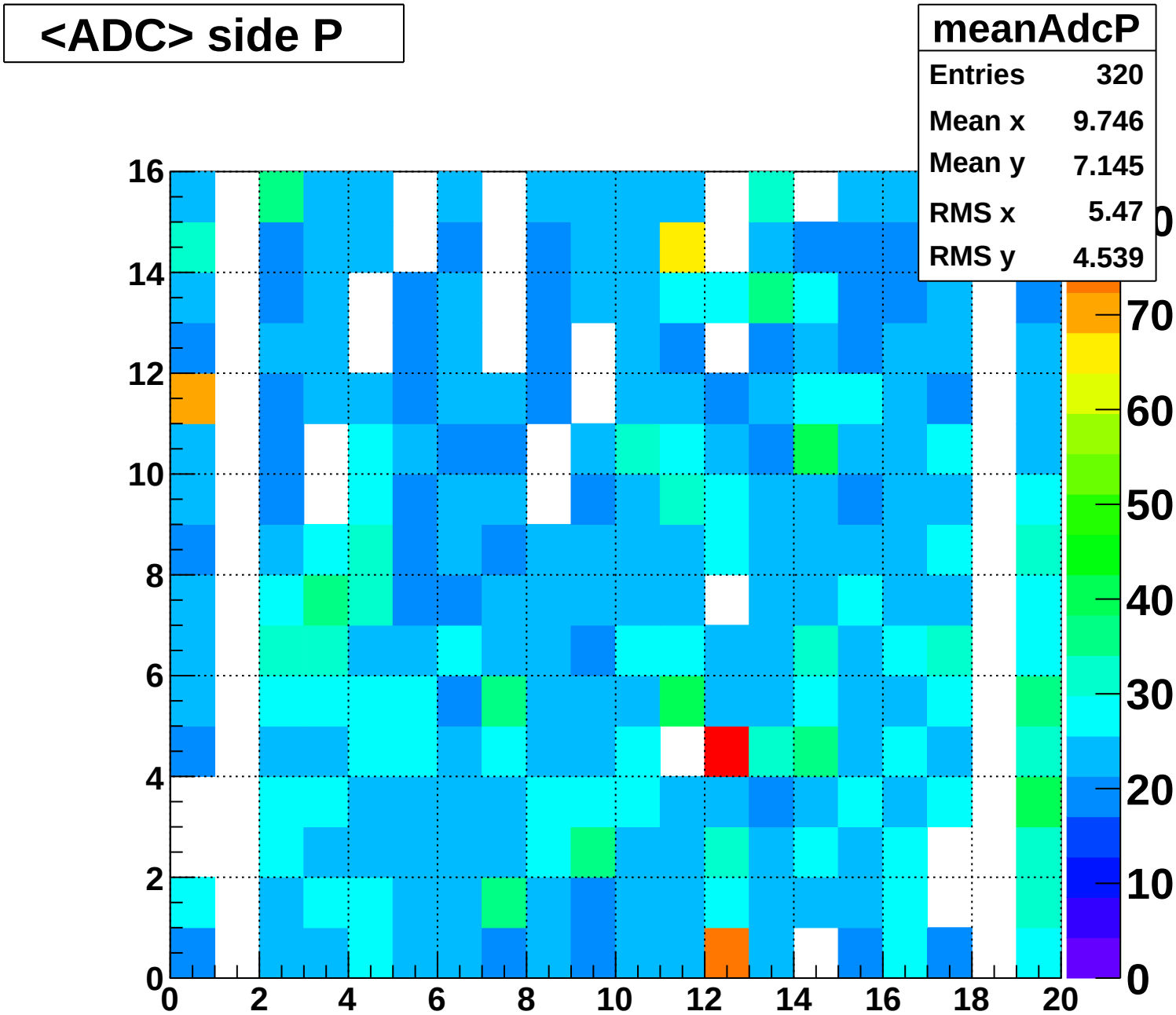

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2241
Mean 1.039
RMS 0.2097
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 0
Mean 0
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2241
Mean 35.47
RMS 10.6
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]



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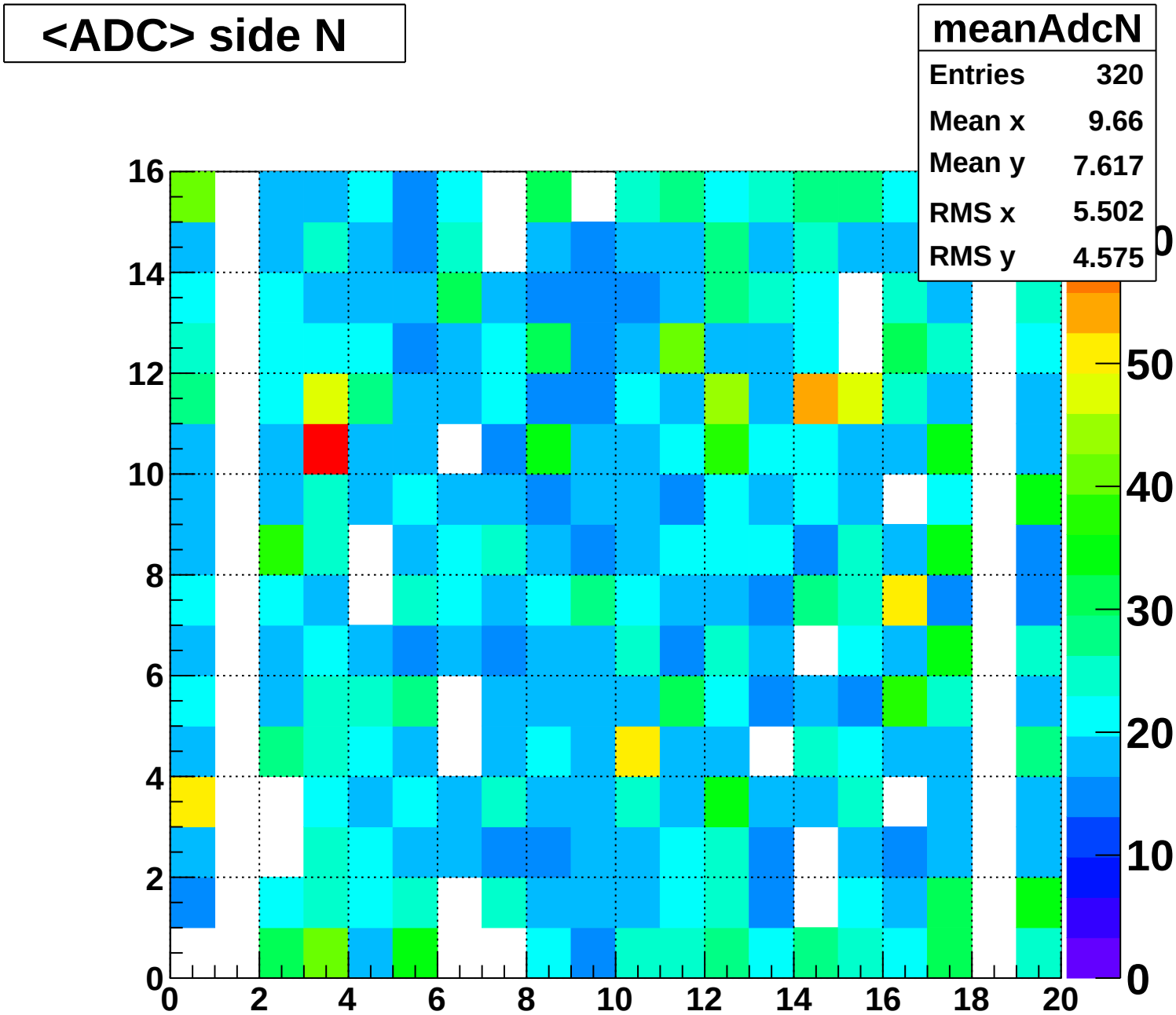

2016-06-28 19:34:37