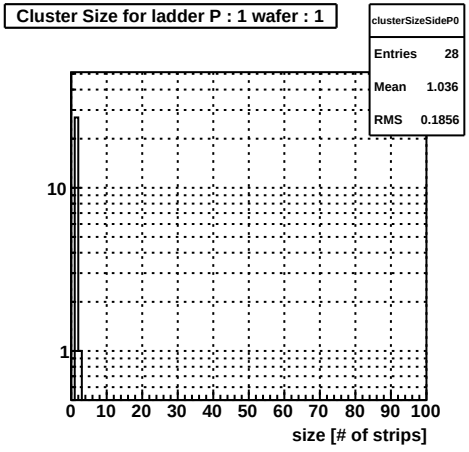
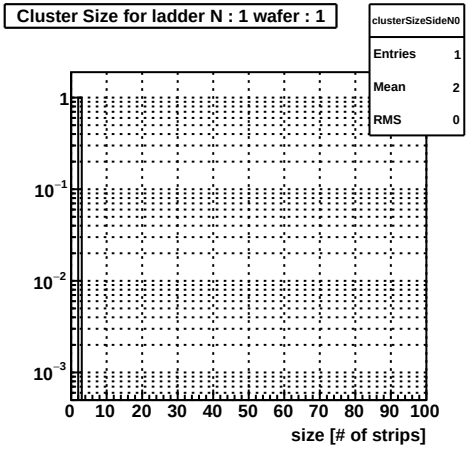
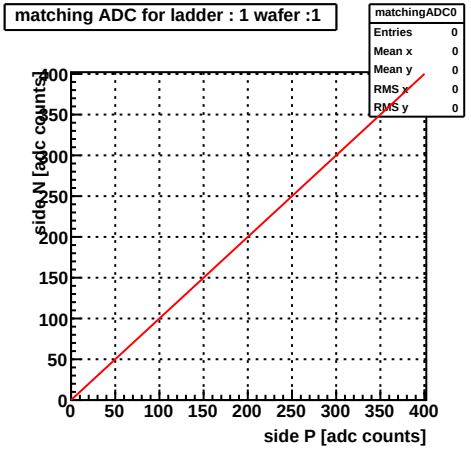
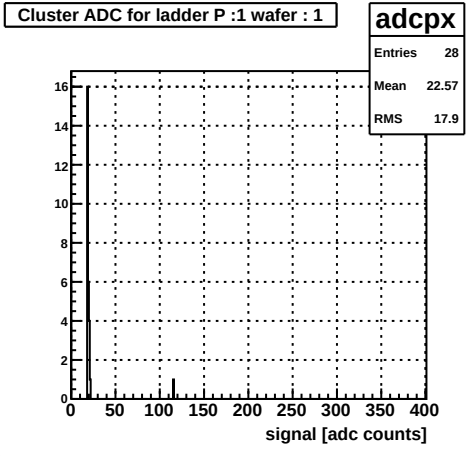
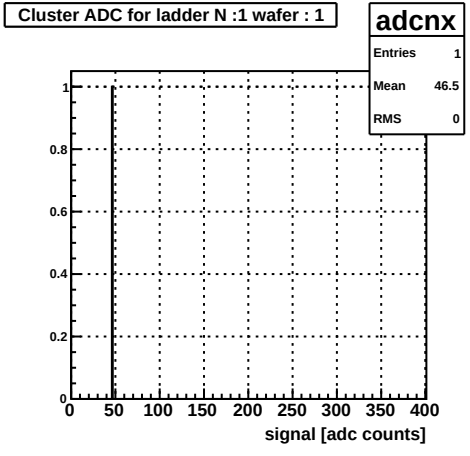
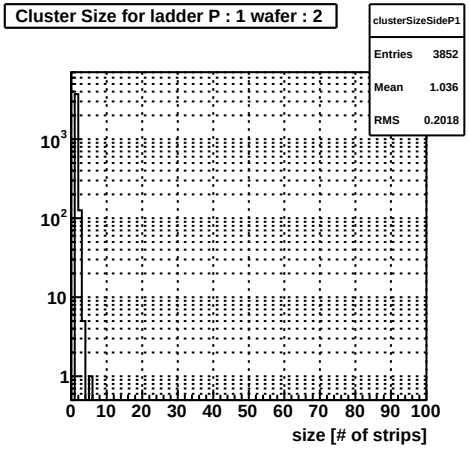

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

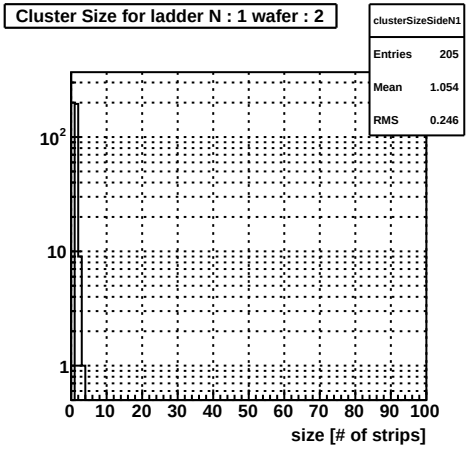

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1
Mean 2
RMS 0
size [# of strips]

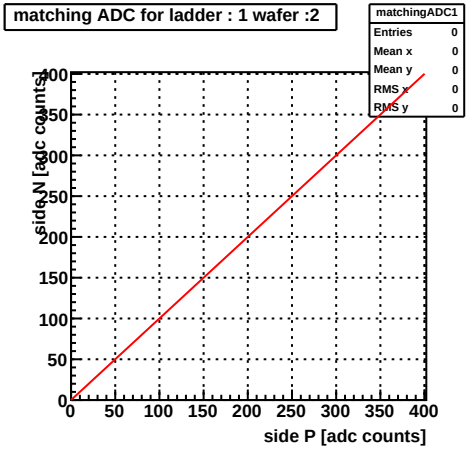

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

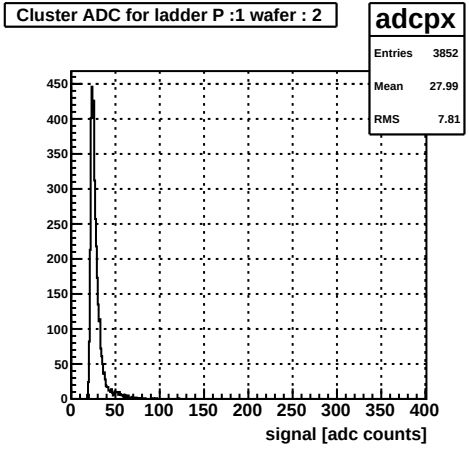

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 28
Mean 22.57
RMS 17.9
signal [adc counts]

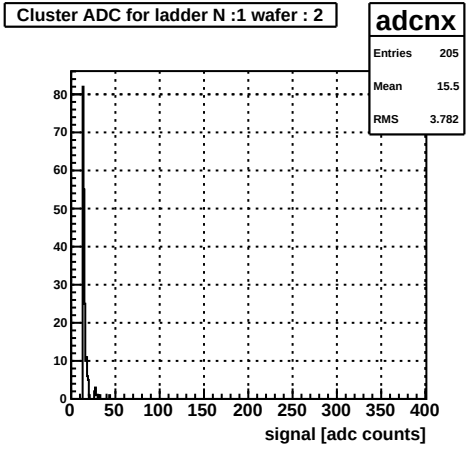

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1
Mean 46.5
RMS 0
signal [adc counts]

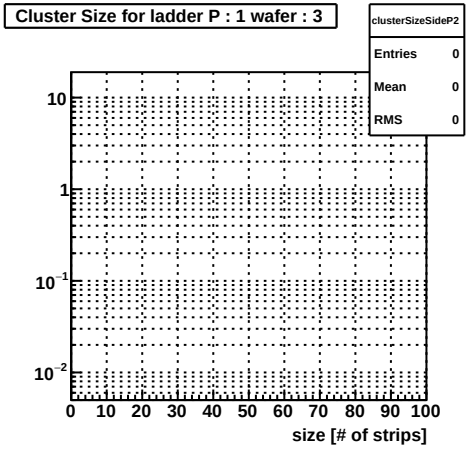

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3852
Mean 1.036
RMS 0.2018
size [# of strips]

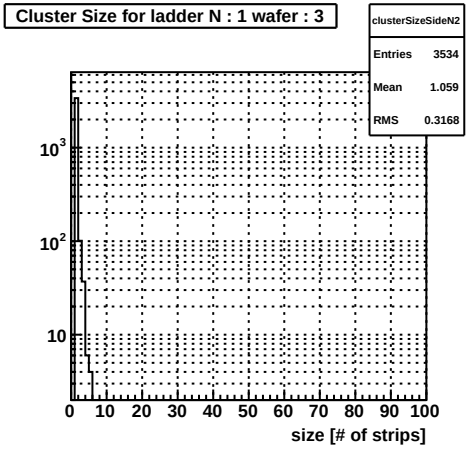

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 205
Mean 1.054
RMS 0.246
size [# of strips]

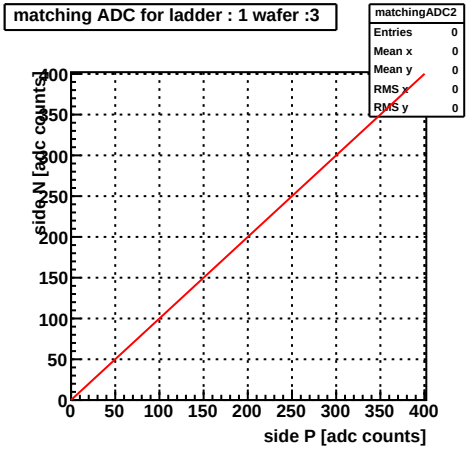

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

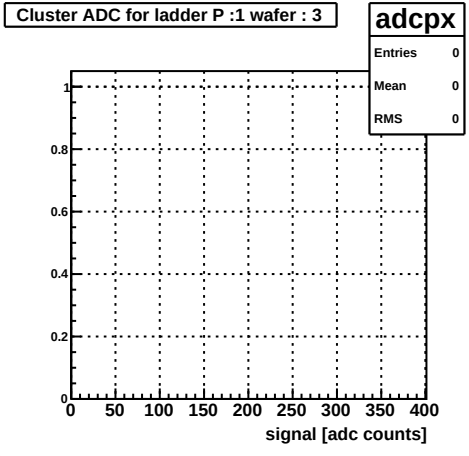

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3852
Mean 27.99
RMS 7.81
signal [adc counts]

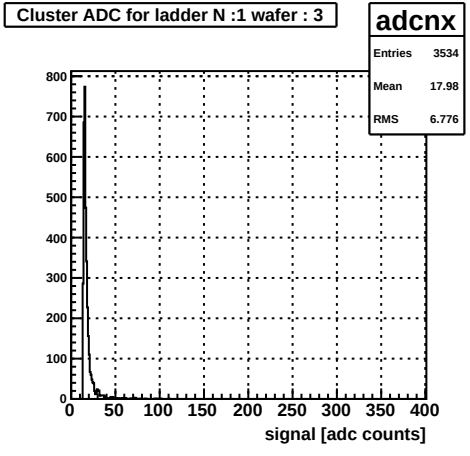

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 205
Mean 15.5
RMS 3.782
signal [adc counts]

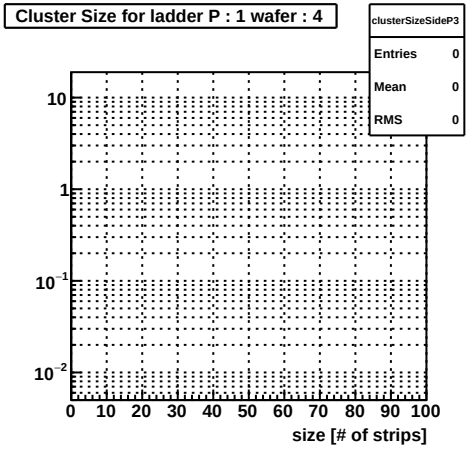

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

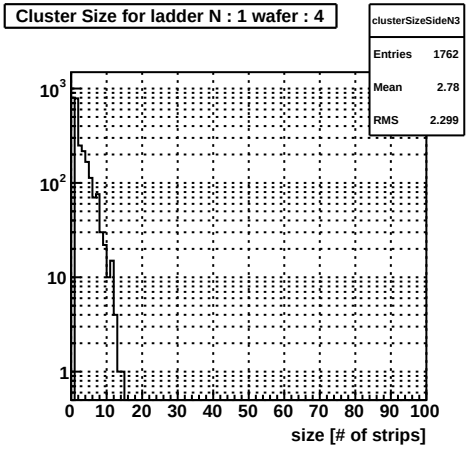

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3534
Mean 1.059
RMS 0.3168
size [# of strips]

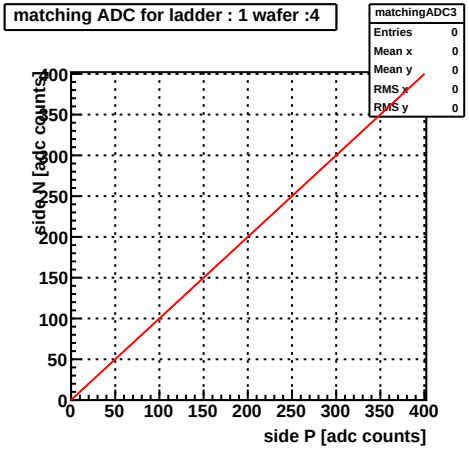

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

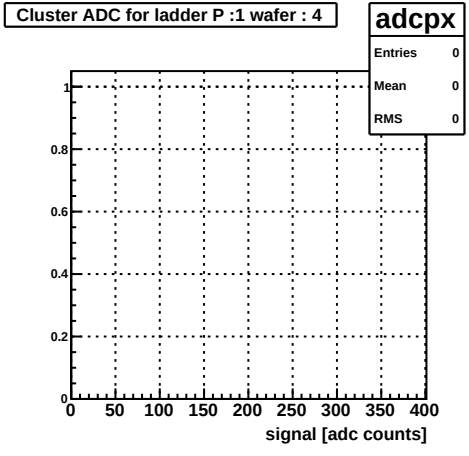

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

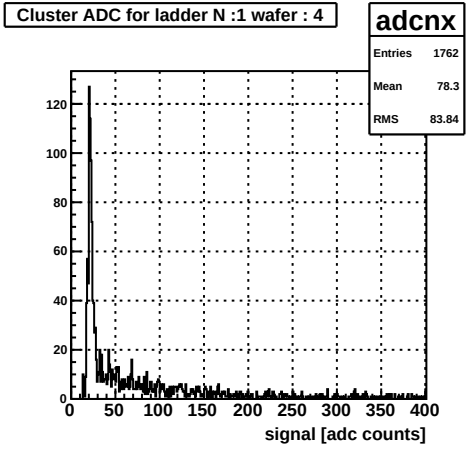

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3534
Mean 17.98
RMS 6.776
signal [adc counts]

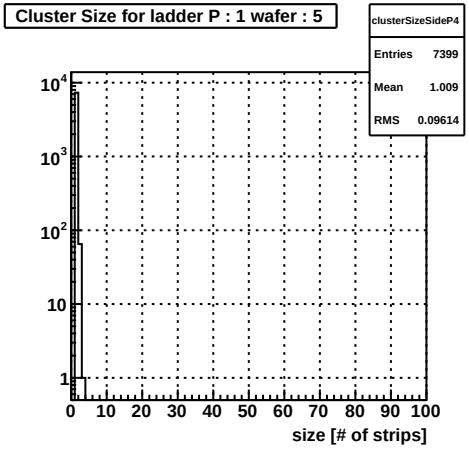

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

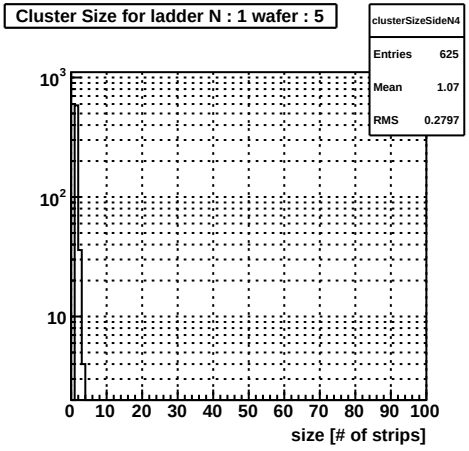

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1762
Mean 2.78
RMS 2.299
size [# of strips]

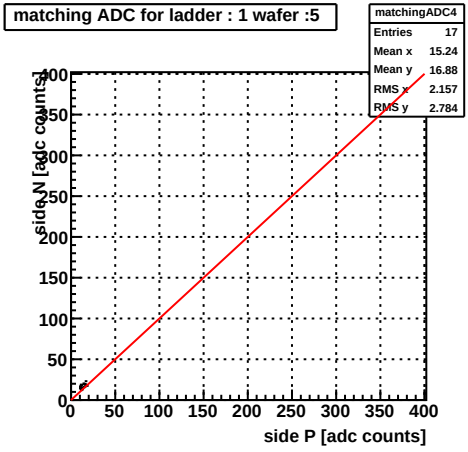

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

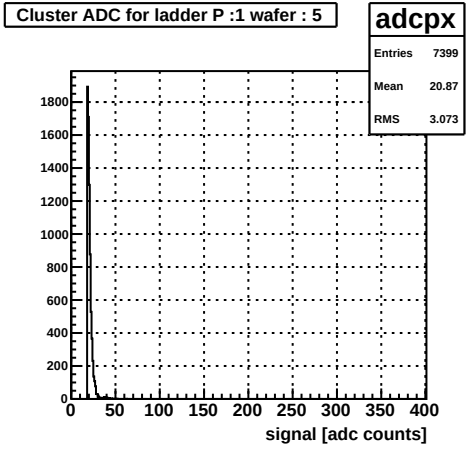

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

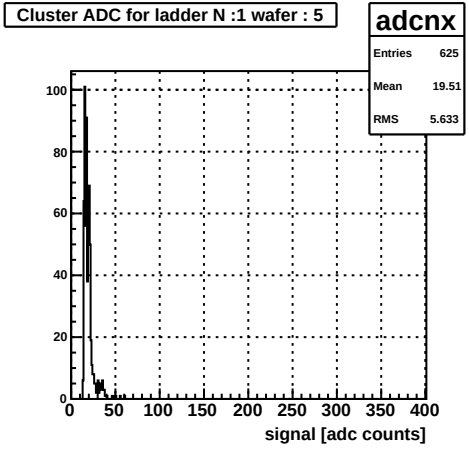

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1762
Mean 78.3
RMS 83.84
signal [adc counts]

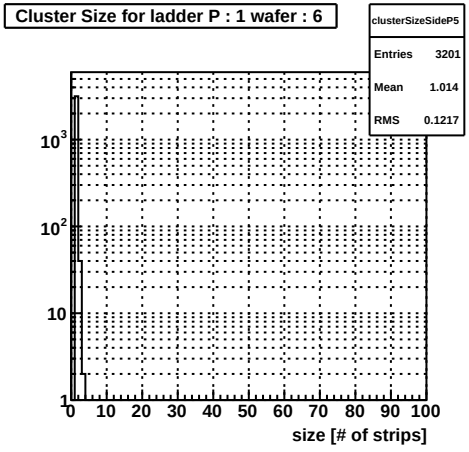

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7399
Mean 1.009
RMS 0.09614
size [# of strips]

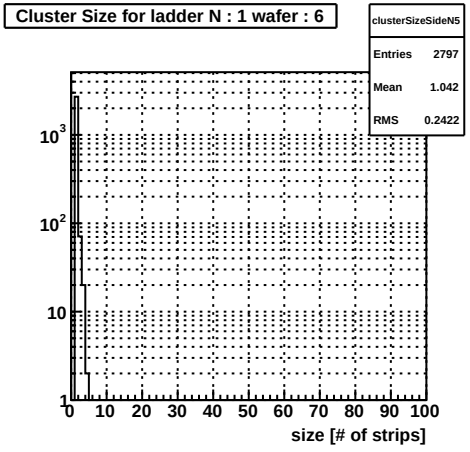

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 625
Mean 1.07
RMS 0.2797
size [# of strips]

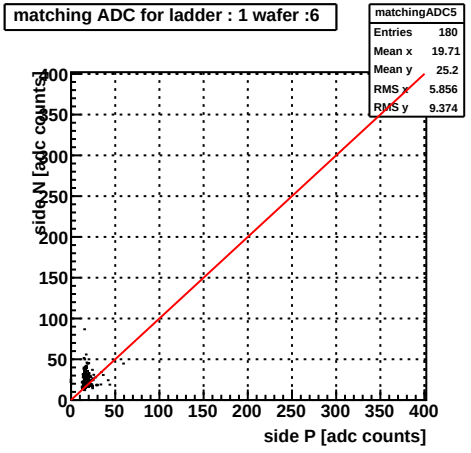

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 17
Mean x 15.24
Mean y 16.88
RMS x 2.157
RMS y 2.784
side N [adc counts]
side P [adc counts]

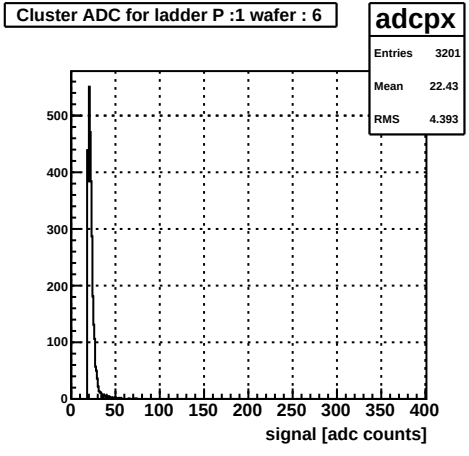

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7399
Mean 20.87
RMS 3.073
signal [adc counts]

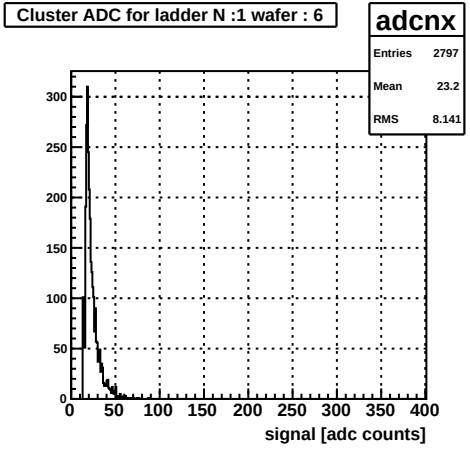

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 625
Mean 19.51
RMS 5.633
signal [adc counts]

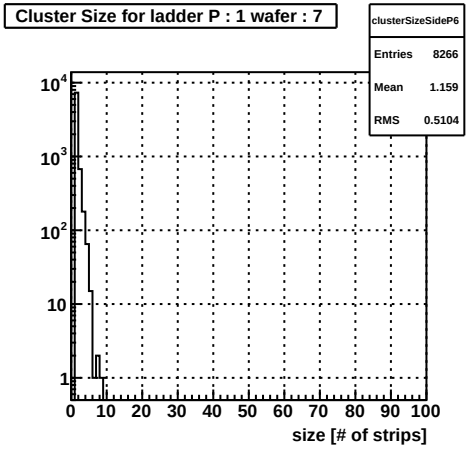

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 3201
Mean 1.014
RMS 0.1217
size [# of strips]

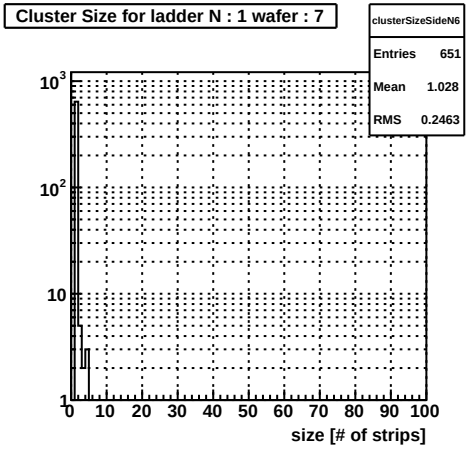

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2797
Mean 1.042
RMS 0.2422
size [# of strips]

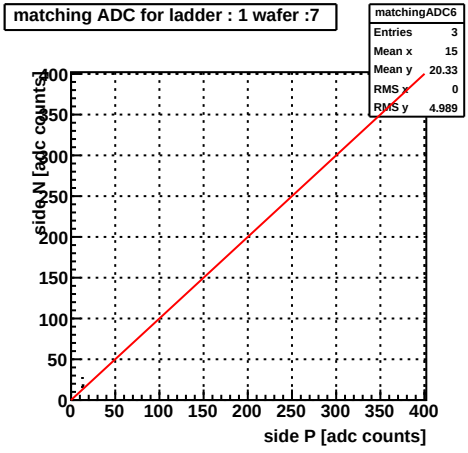

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 180
Mean x 19.71
Mean y 25.2
RMS x 5.856
RMS y 9.374
side N [adc counts]
side P [adc counts]

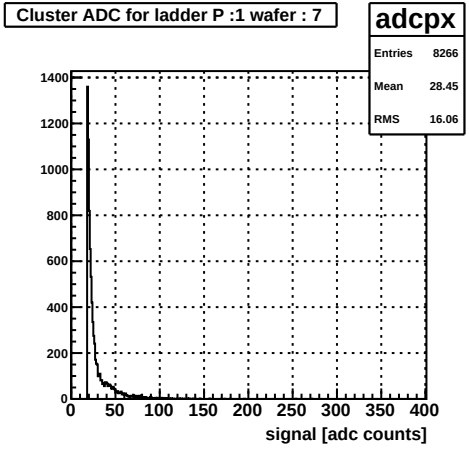

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 3201
Mean 22.43
RMS 4.393
signal [adc counts]

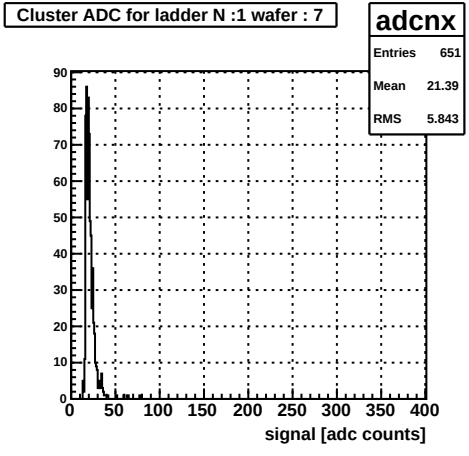

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2797
Mean 23.2
RMS 8.141
signal [adc counts]

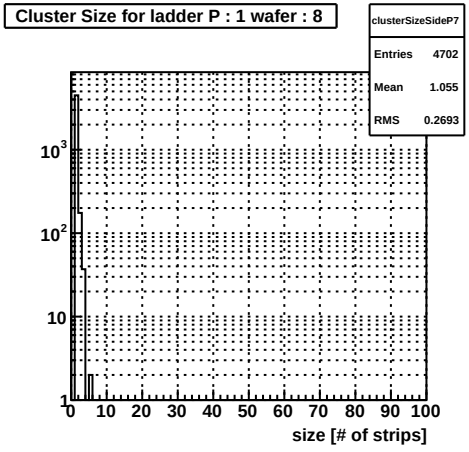

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8266
Mean 1.159
RMS 0.5104
size [# of strips]

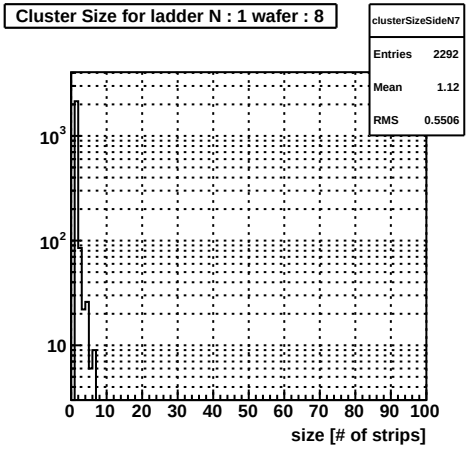

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 651
Mean 1.028
RMS 0.2463
size [# of strips]

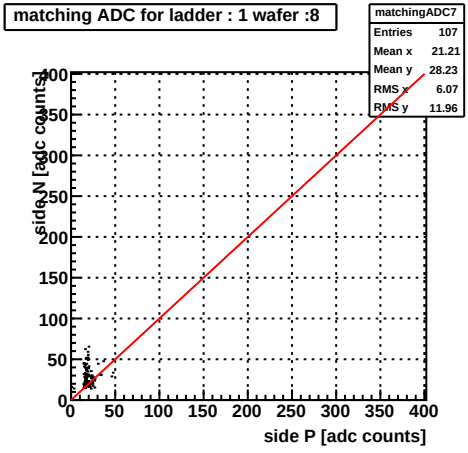

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3
Mean x 15
Mean y 20.33
RMS x 0
RMS y 4.989
side N [adc counts]
side P [adc counts]

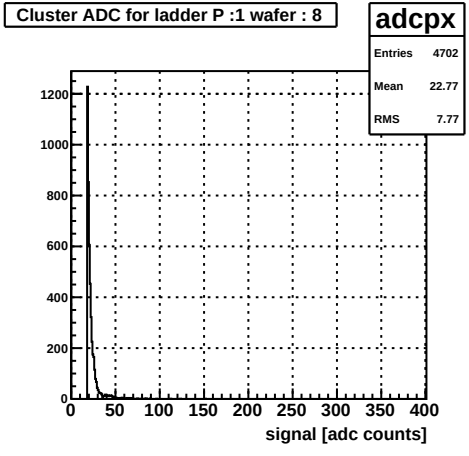

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8266
Mean 28.45
RMS 16.06
signal [adc counts]

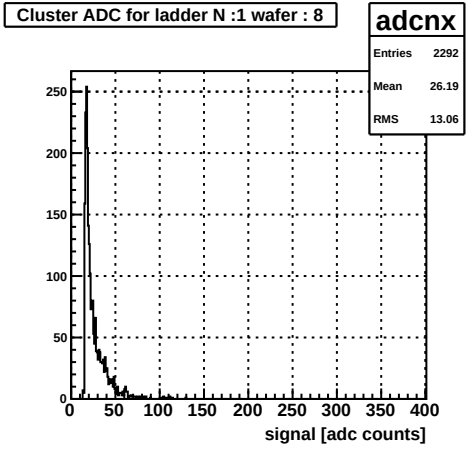

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 651
Mean 21.39
RMS 5.843
signal [adc counts]

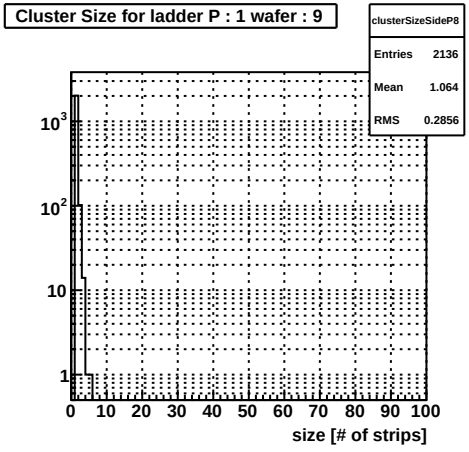

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4702
Mean 1.055
RMS 0.2693
size [# of strips]

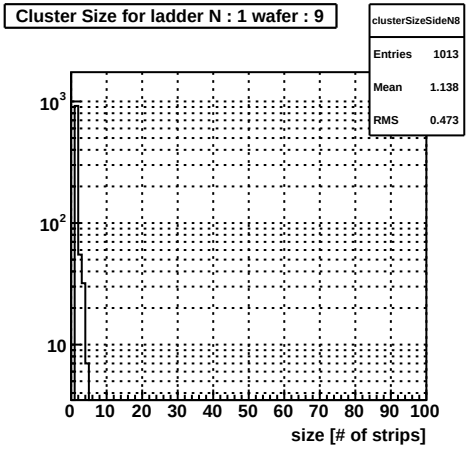

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2292
Mean 1.12
RMS 0.5506
size [# of strips]

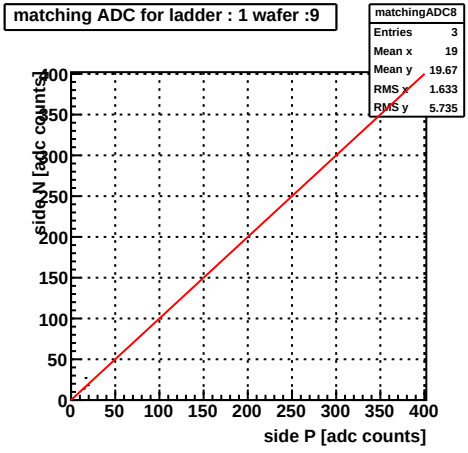

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 107
Mean x 21.21
Mean y 28.23
RMS x 6.07
RMS y 11.96
side N [adc counts]
side P [adc counts]

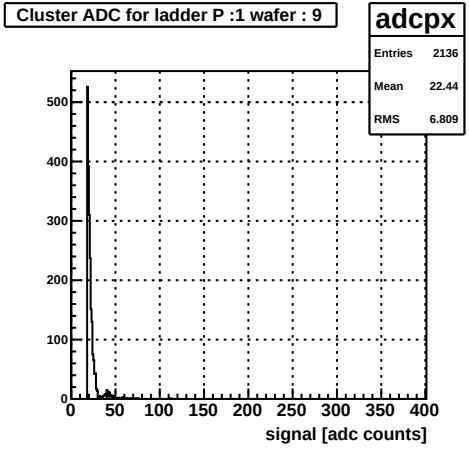

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4702
Mean 22.77
RMS 7.77
signal [adc counts]

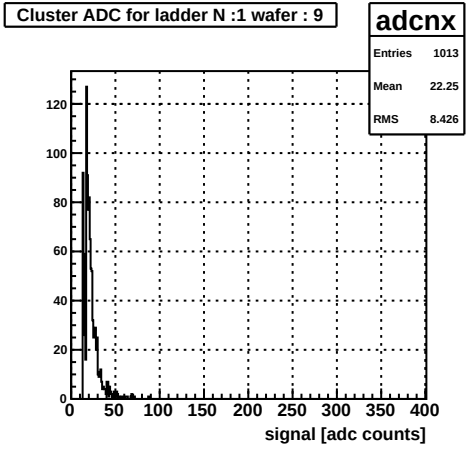

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2292
Mean 26.19
RMS 13.06
signal [adc counts]

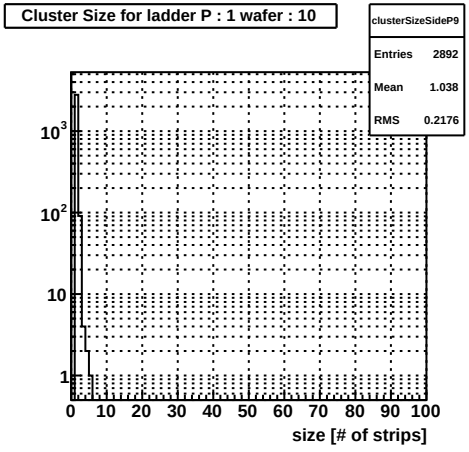

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2136
Mean 1.064
RMS 0.2856
size [# of strips]

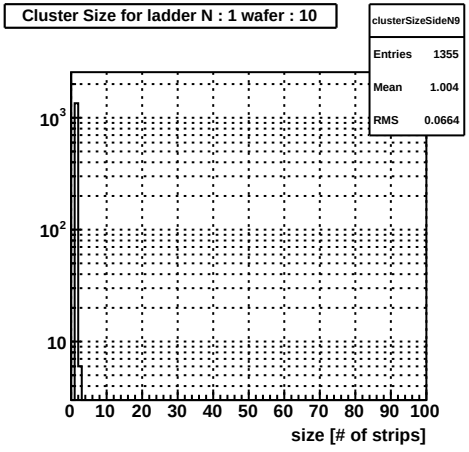

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1013
Mean 1.138
RMS 0.473
size [# of strips]

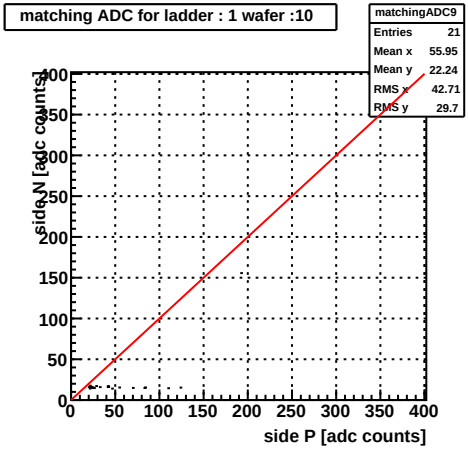

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 3
Mean x 19
Mean y 19.67
RMS x 1.633
RMS y 5.735
side N [adc counts]
side P [adc counts]

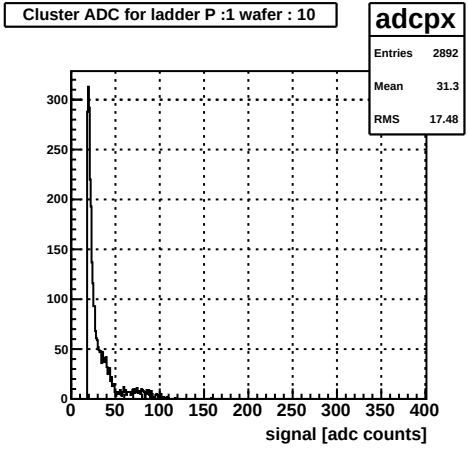

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2136
Mean 22.44
RMS 6.809
signal [adc counts]

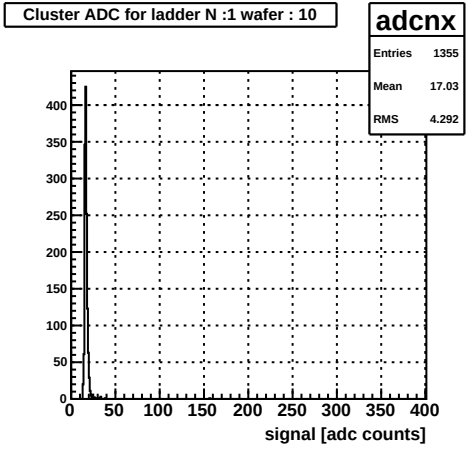

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1013
Mean 22.25
RMS 8.426
signal [adc counts]

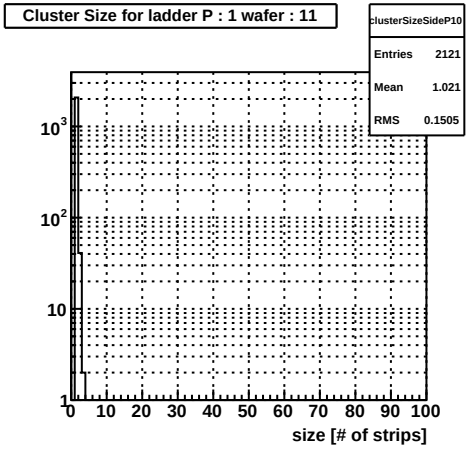

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2892
Mean 1.038
RMS 0.2176
size [# of strips]

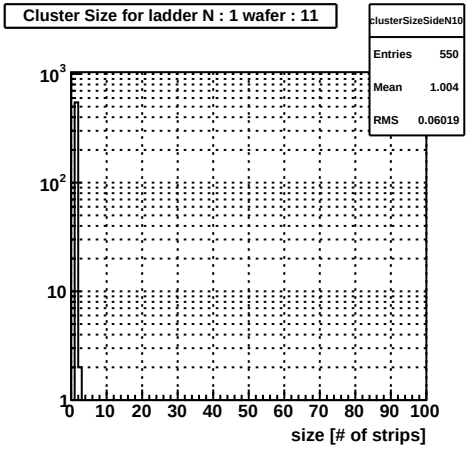

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1355
Mean 1.004
RMS 0.0664
size [# of strips]

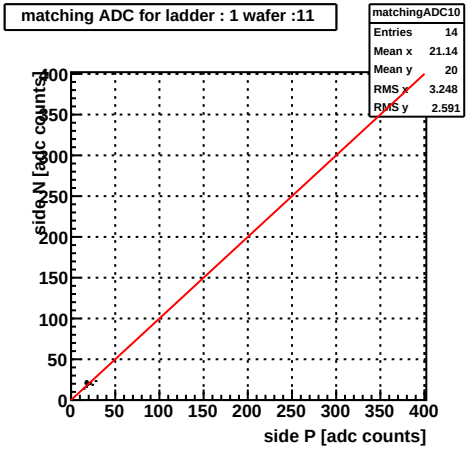

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 21
Mean x 55.95
Mean y 22.24
RMS x 42.71
RMS y 29.7
side N [adc counts]
side P [adc counts]

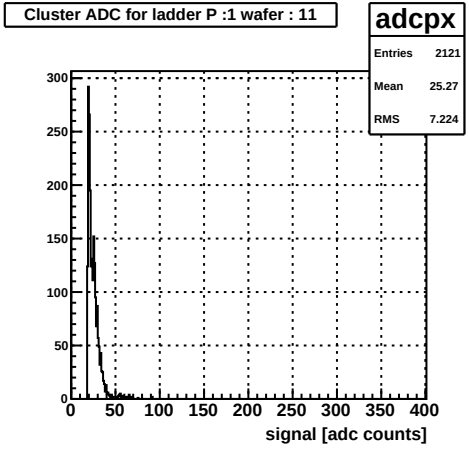

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2892
Mean 31.3
RMS 17.48
signal [adc counts]

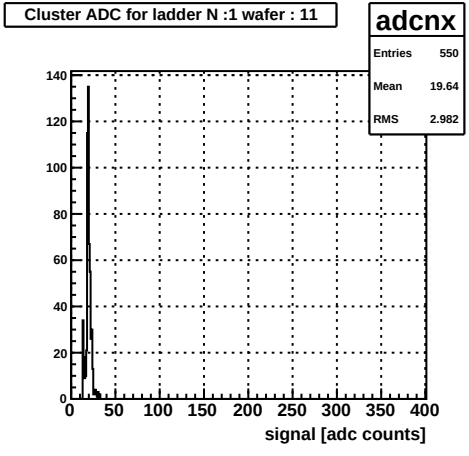

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1355
Mean 17.03
RMS 4.292
signal [adc counts]

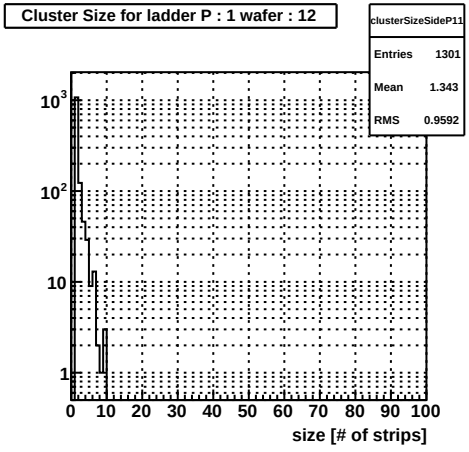

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 2121
Mean 1.021
RMS 0.1505
size [# of strips]

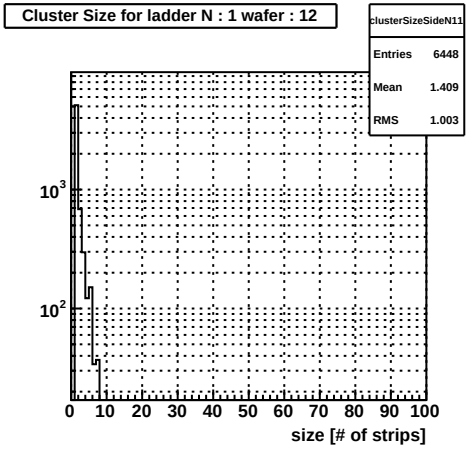

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 550
Mean 1.004
RMS 0.06019
size [# of strips]

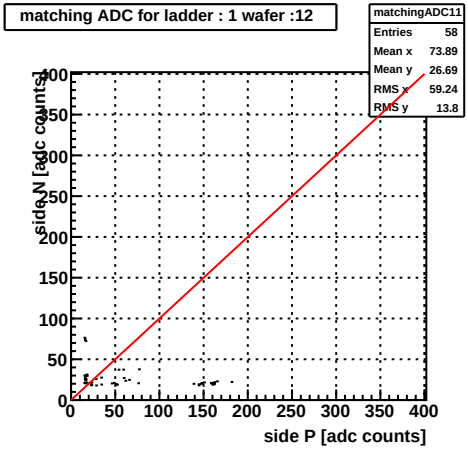

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 14
Mean x 21.14
Mean y 20
RMS x 3.248
RMS y 2.591
side N [adc counts]
side P [adc counts]

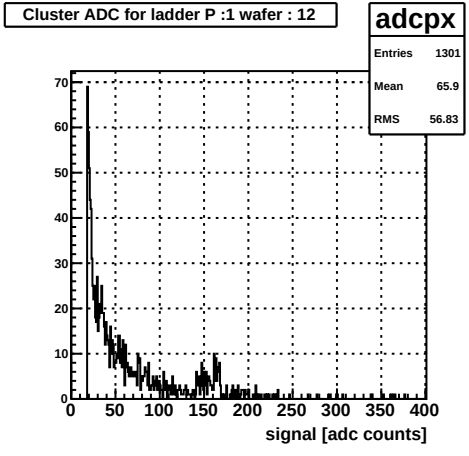

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 2121
Mean 25.27
RMS 7.224
signal [adc counts]

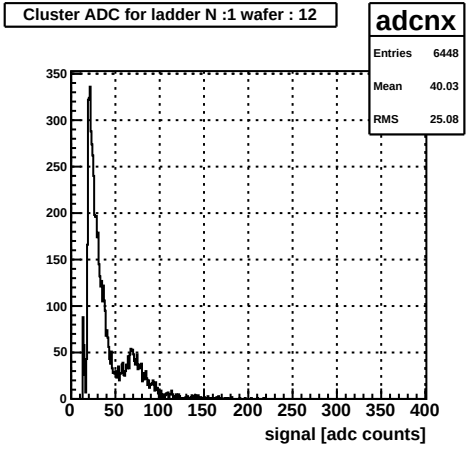

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 550
Mean 19.64
RMS 2.982
signal [adc counts]

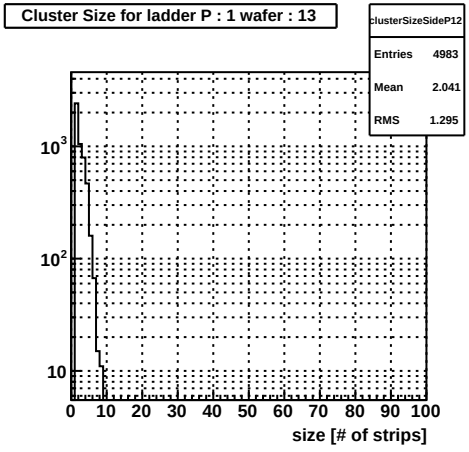

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1301
Mean 1.343
RMS 0.9592
size [# of strips]

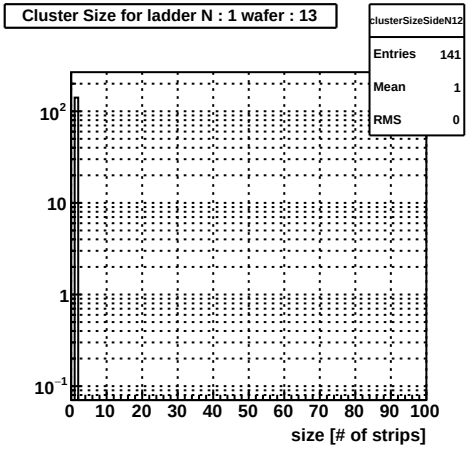

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6448
Mean 1.409
RMS 1.003
size [# of strips]

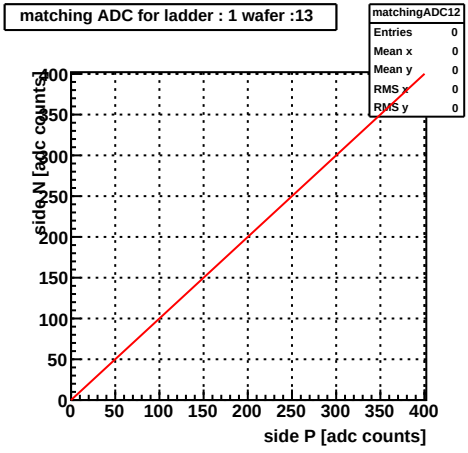

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 58
Mean x 73.89
Mean y 26.69
RMS x 59.24
RMS y 13.8
side N [adc counts]
side P [adc counts]

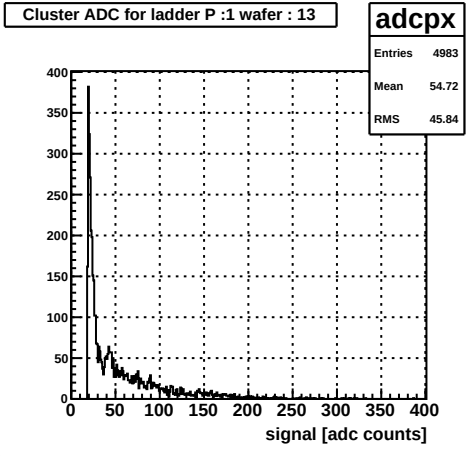

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1301
Mean 65.9
RMS 56.83
signal [adc counts]

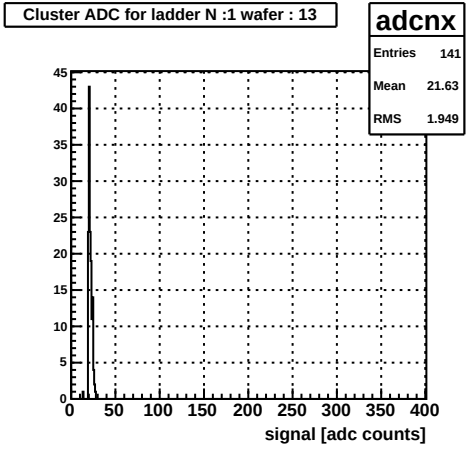

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6448
Mean 40.03
RMS 25.08
signal [adc counts]

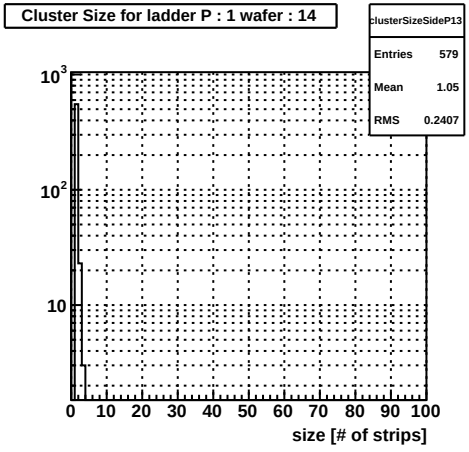

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4983
Mean 2.041
RMS 1.295
size [# of strips]

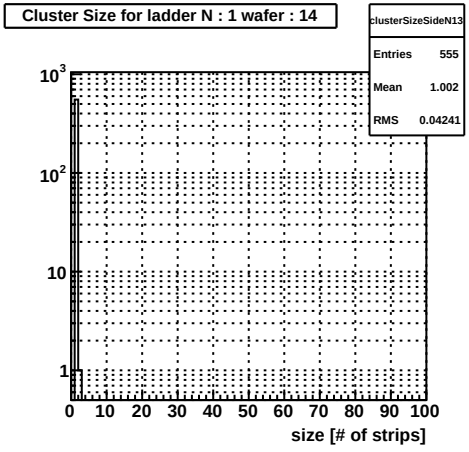

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 141
Mean 1
RMS 0
size [# of strips]

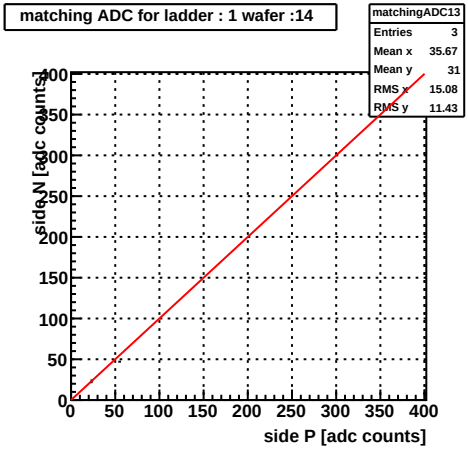

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

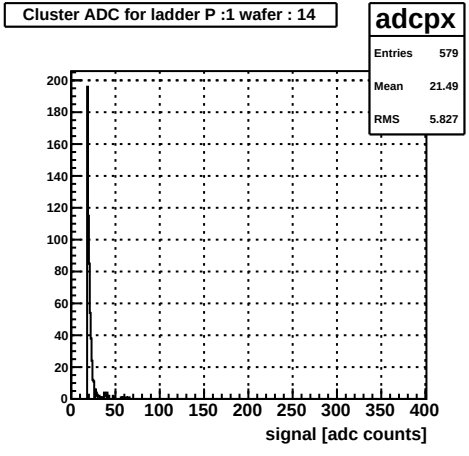

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4983
Mean 54.72
RMS 45.84
signal [adc counts]

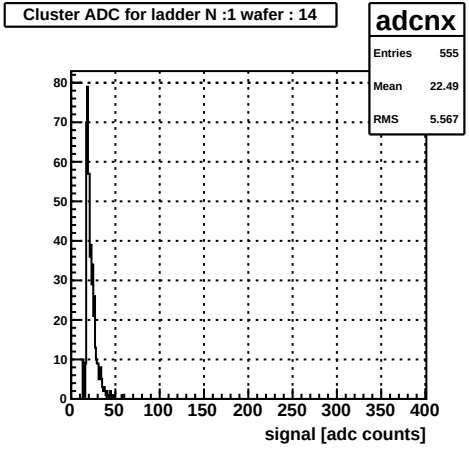

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 141
Mean 21.63
RMS 1.949
signal [adc counts]

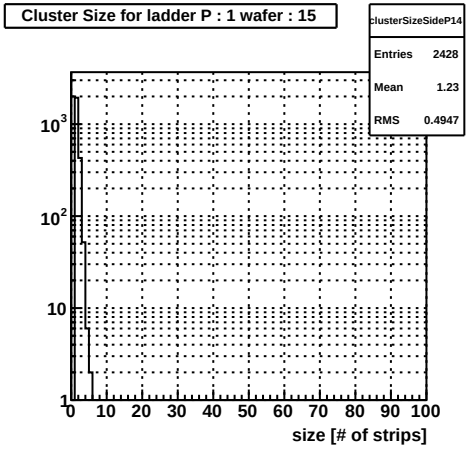

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 579
Mean 1.05
RMS 0.2407
size [# of strips]

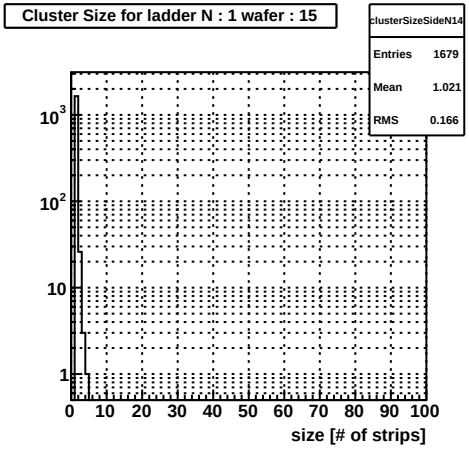

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 555
Mean 1.002
RMS 0.04241
size [# of strips]

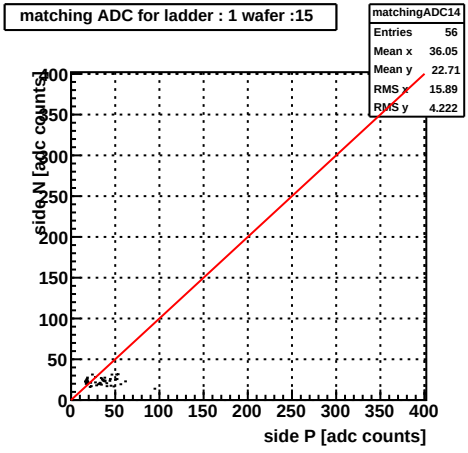

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 3
Mean x 35.67
Mean y 31
RMS x 15.08
RMS y 11.43
side N [adc counts]
side P [adc counts]

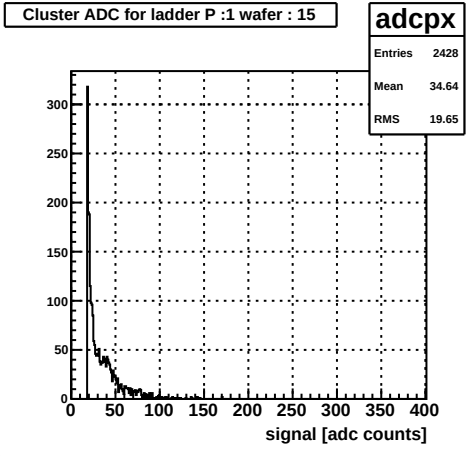

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 579
Mean 21.49
RMS 5.827
signal [adc counts]

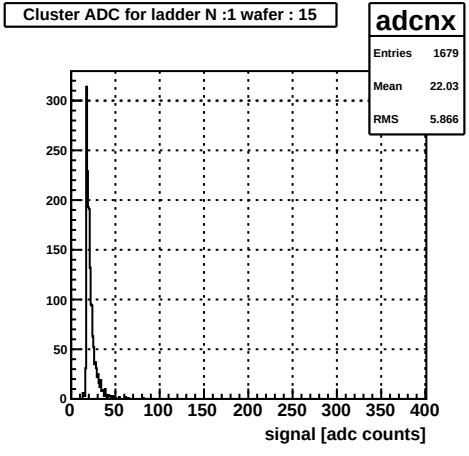

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 555
Mean 22.49
RMS 5.567
signal [adc counts]

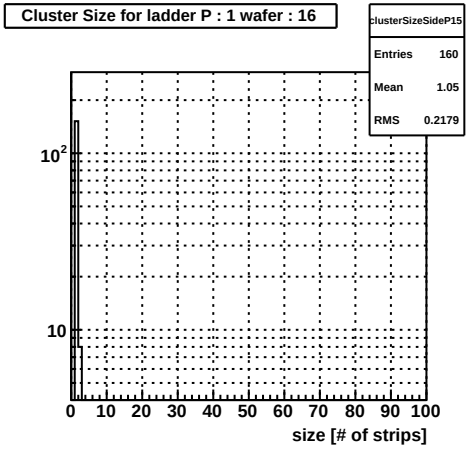

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2428
Mean 1.23
RMS 0.4947
size [# of strips]

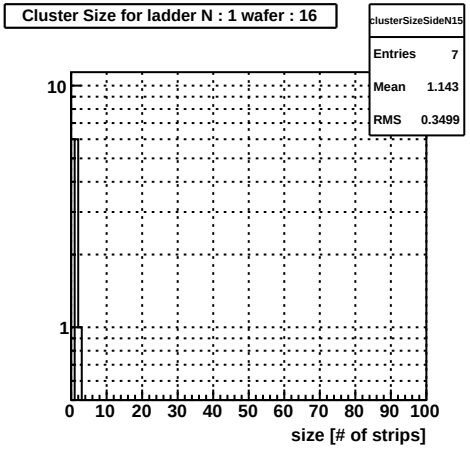

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 1679
Mean 1.021
RMS 0.166
size [# of strips]

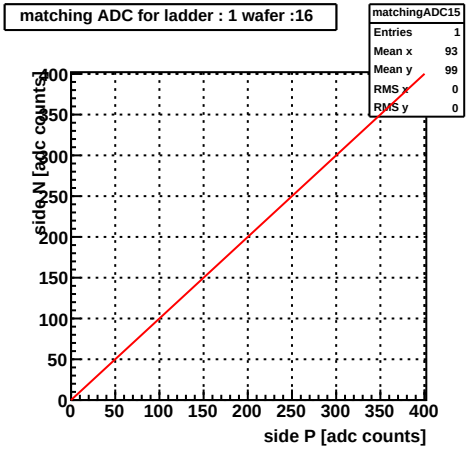

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 56
Mean x 36.05
Mean y 22.71
RMS x 15.89
RMS y 4.222
side N [adc counts]
side P [adc counts]

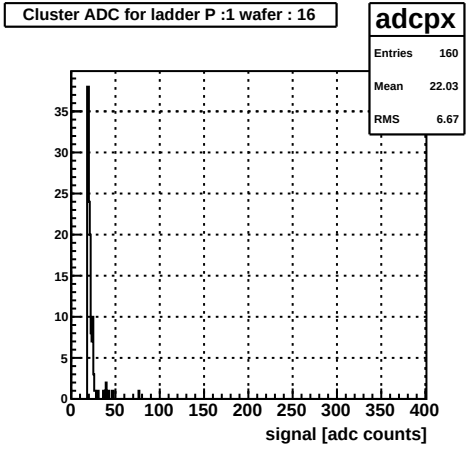

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2428
Mean 34.64
RMS 19.65
signal [adc counts]

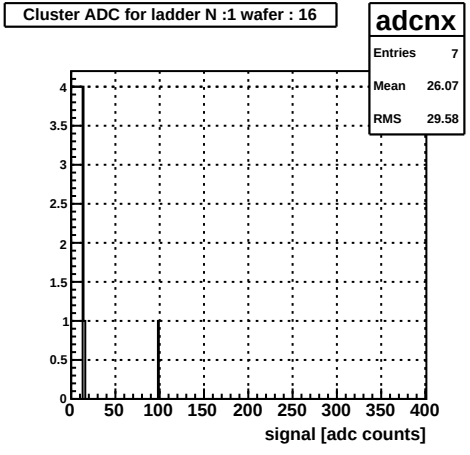

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 1679
Mean 22.03
RMS 5.866
signal [adc counts]

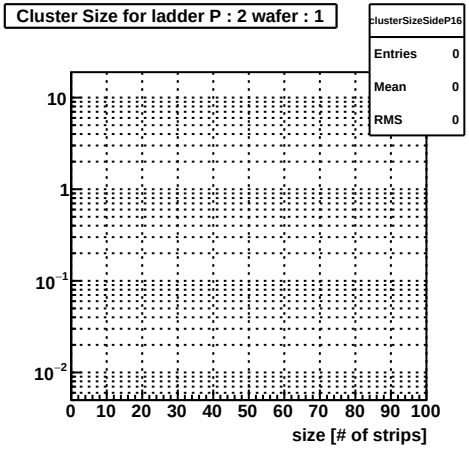

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 160
Mean 1.05
RMS 0.2179
size [# of strips]

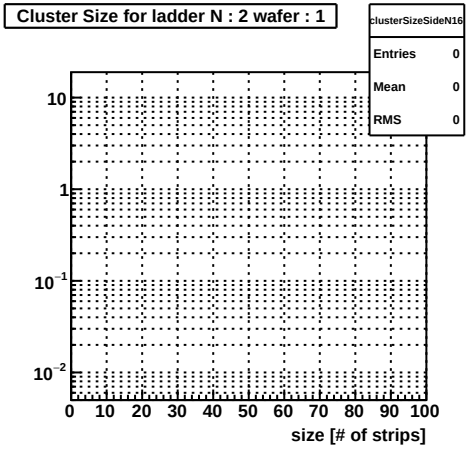

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

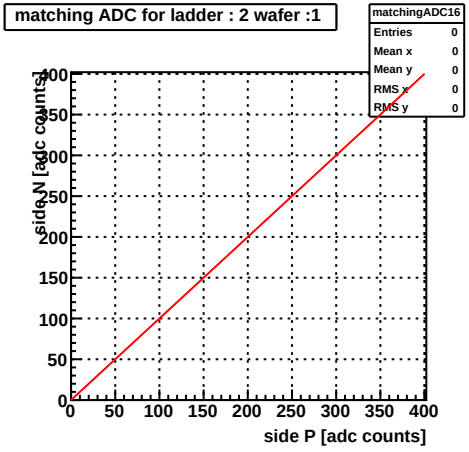

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 1
Mean x 93
Mean y 99
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

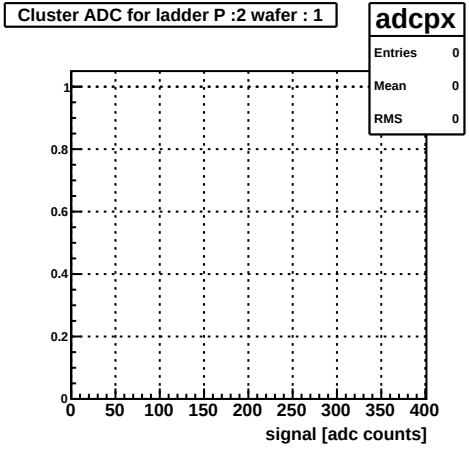

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 160
Mean 22.03
RMS 6.67
signal [adc counts]

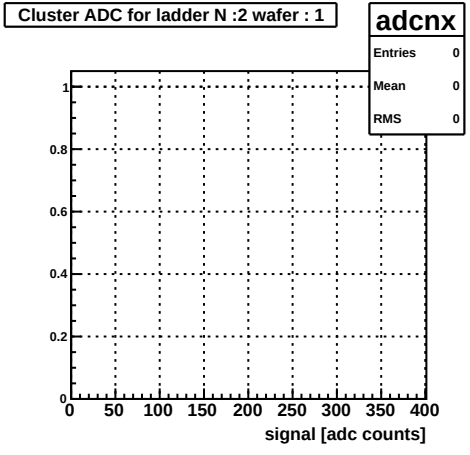

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7
Mean 26.07
RMS 29.58
signal [adc counts]

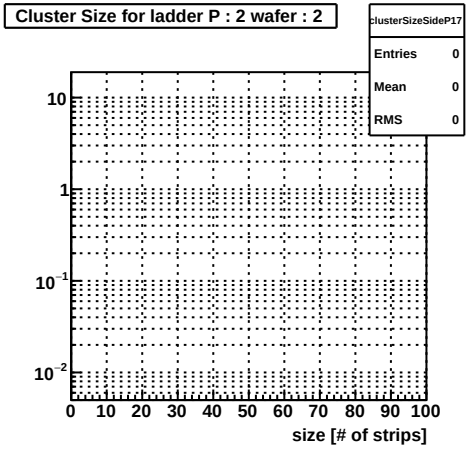

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

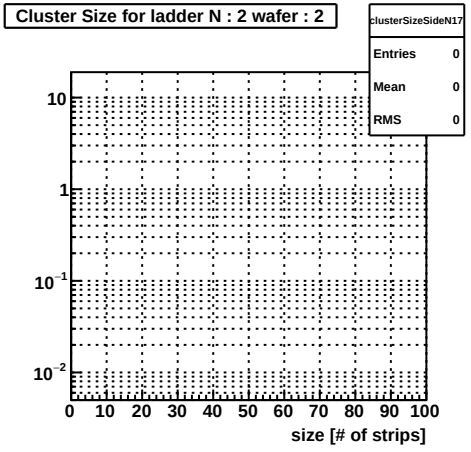

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

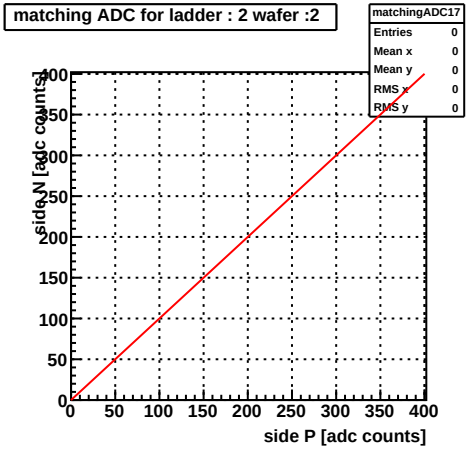

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

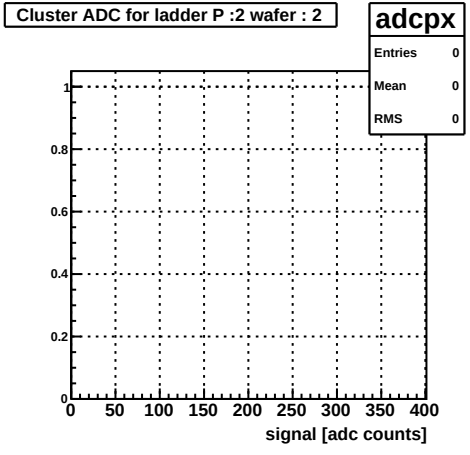

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

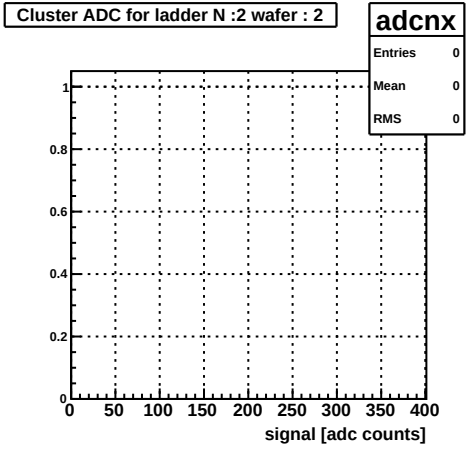

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

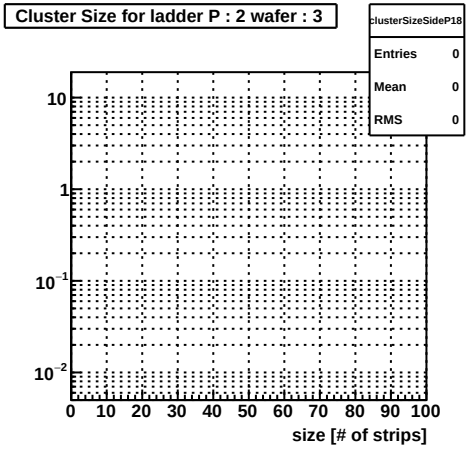

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

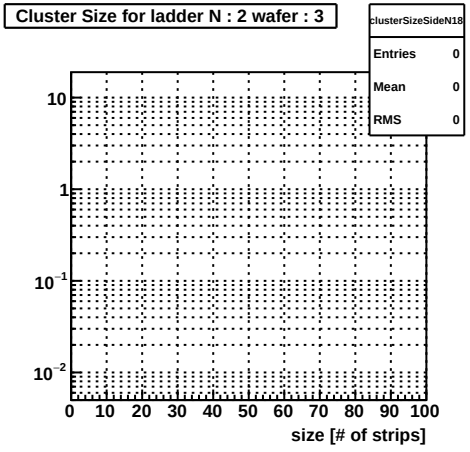

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

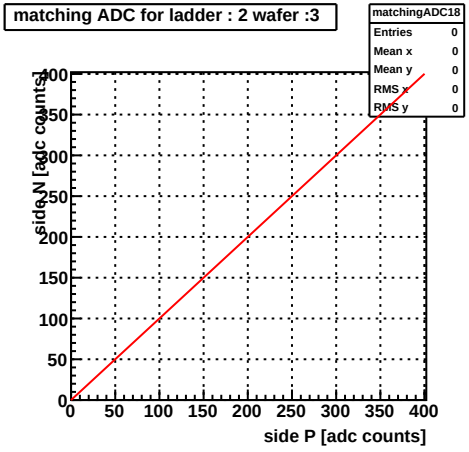

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

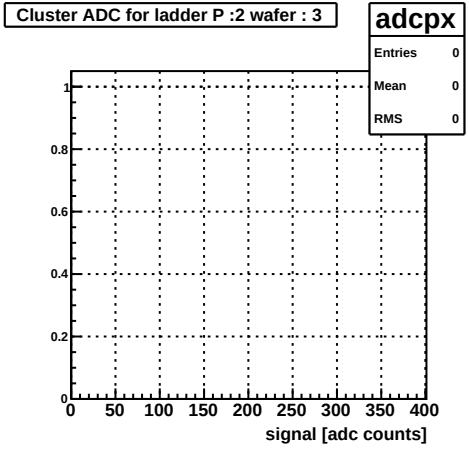

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

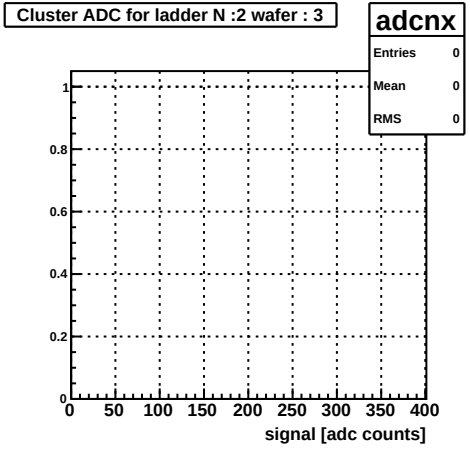

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

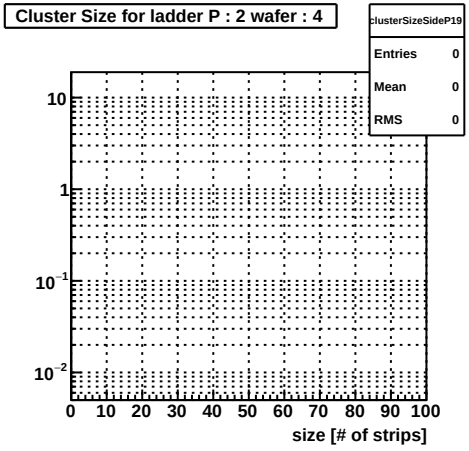

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

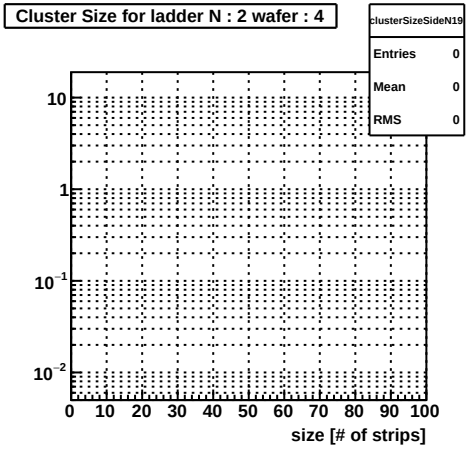

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

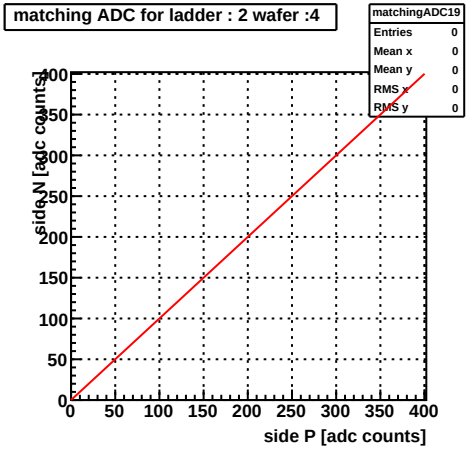

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

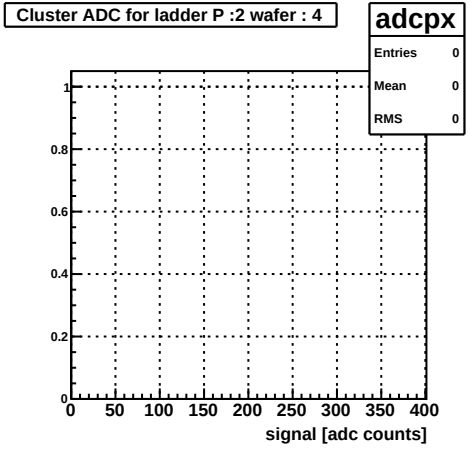

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

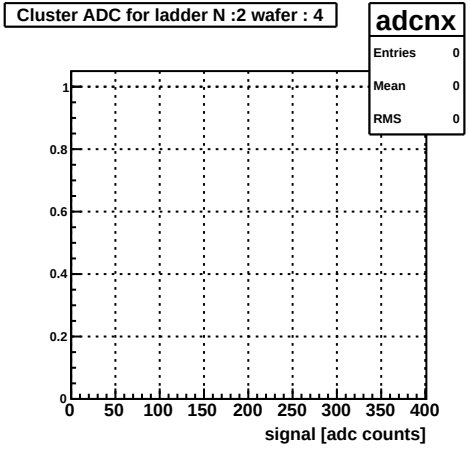

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

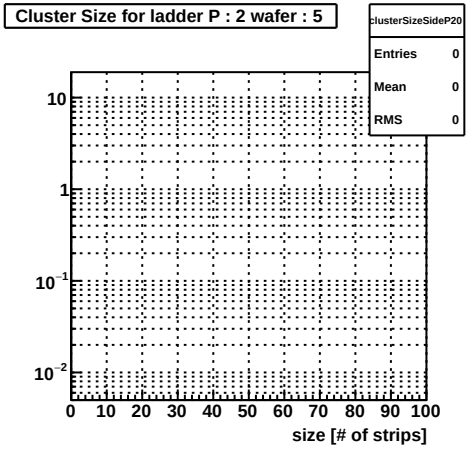

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

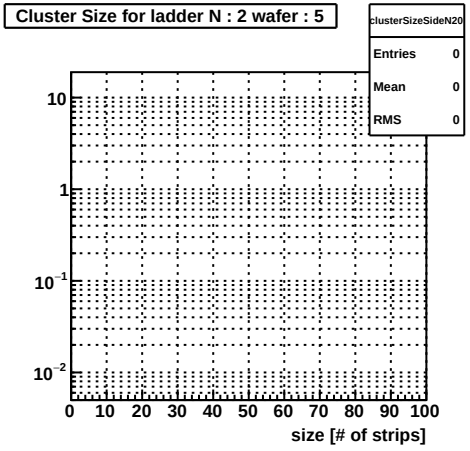

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

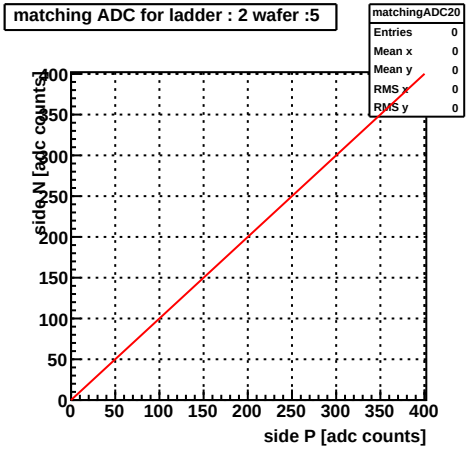

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

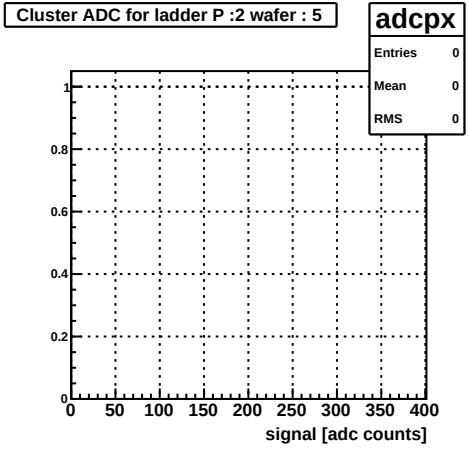

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

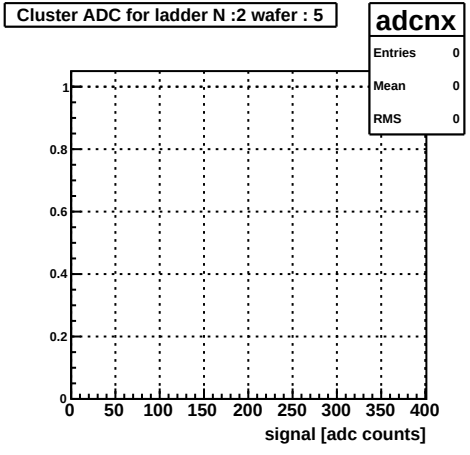

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

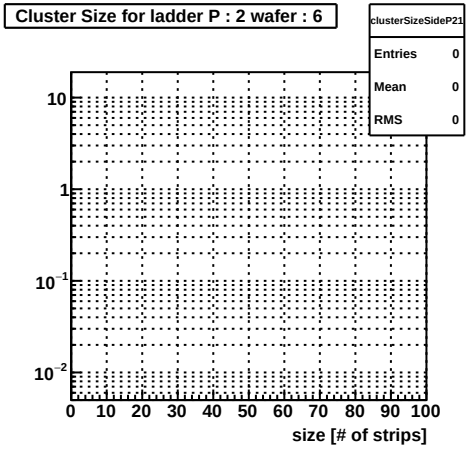

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

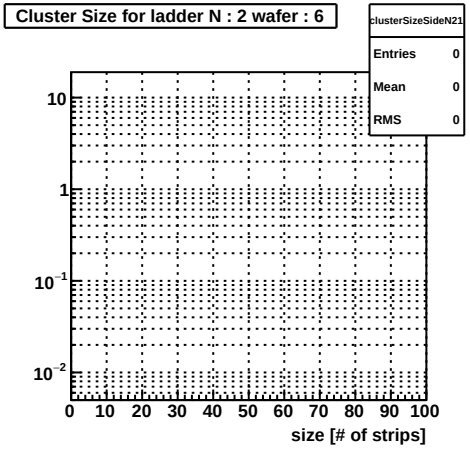

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

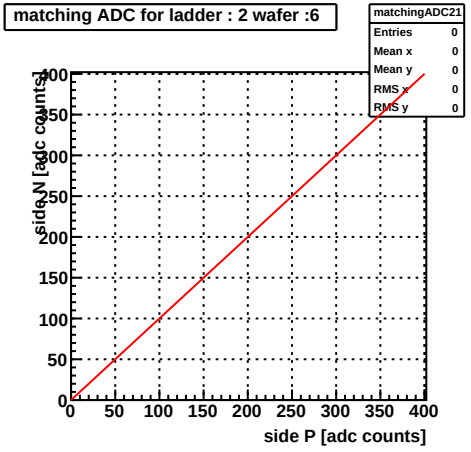

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

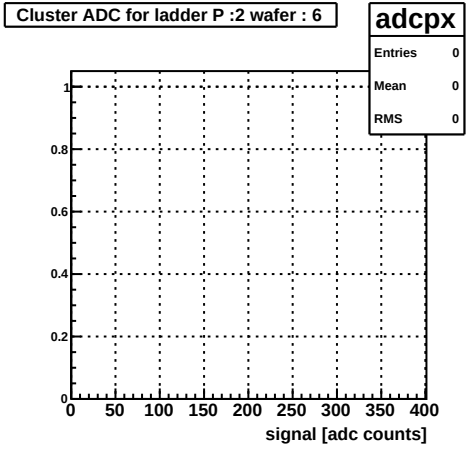

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

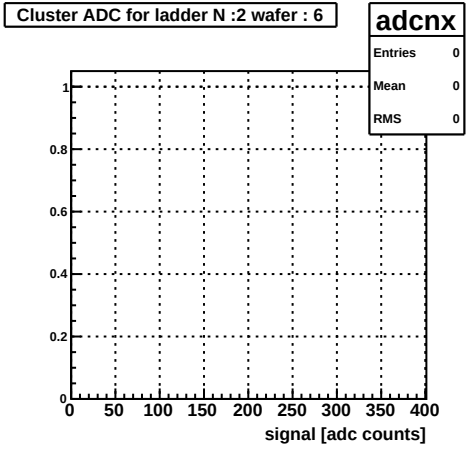

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

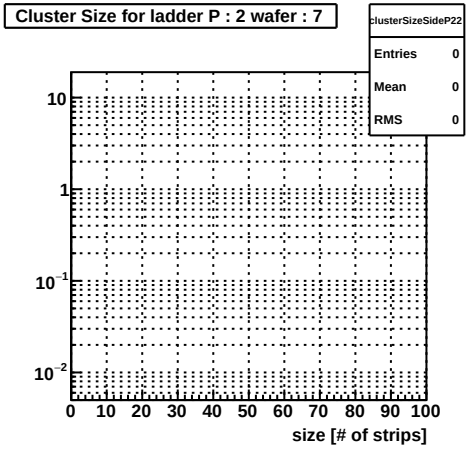

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

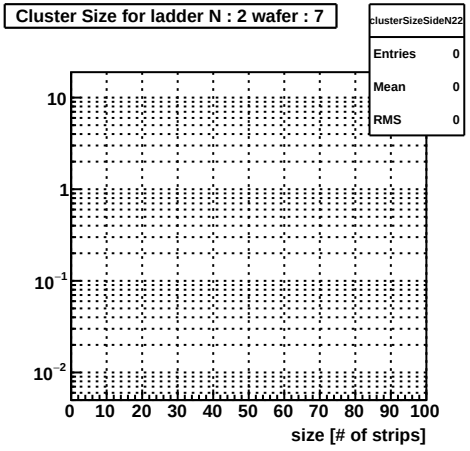

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

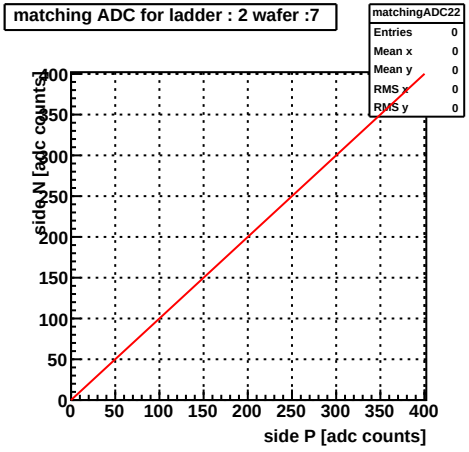

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

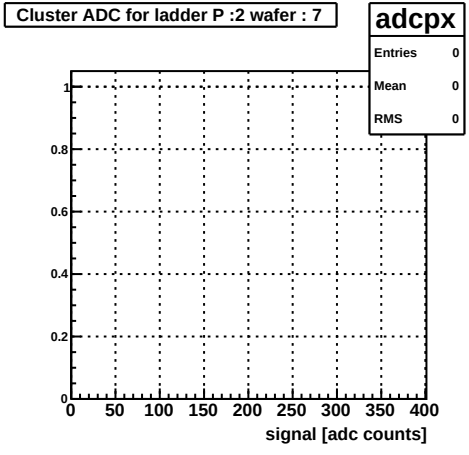

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

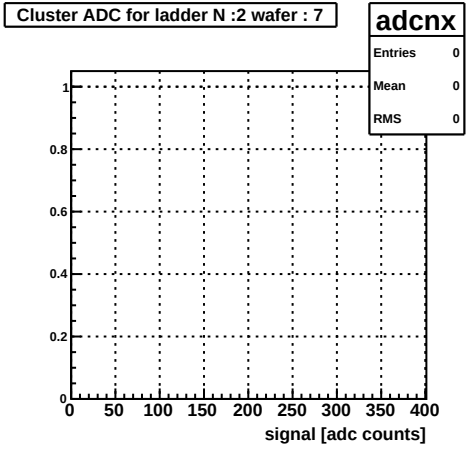

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

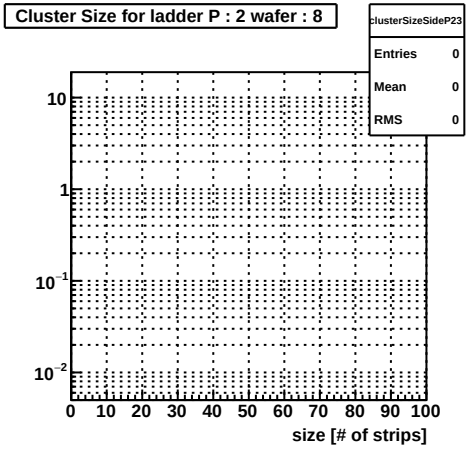

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

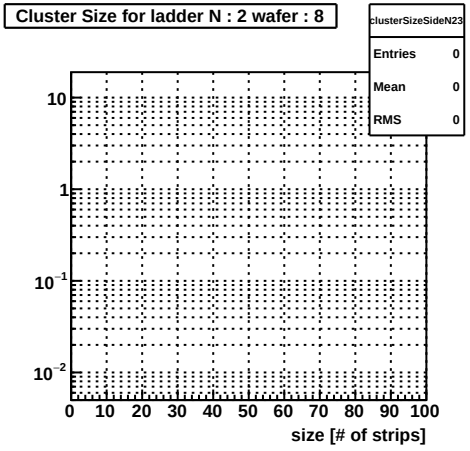

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

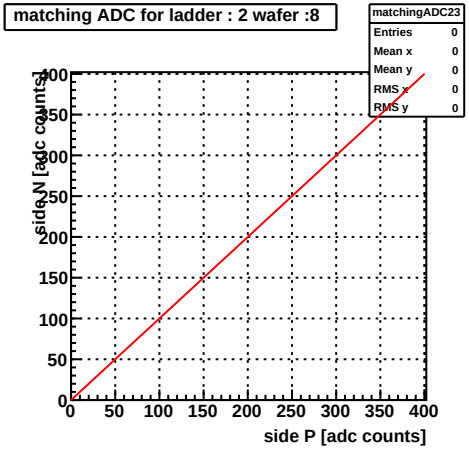

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

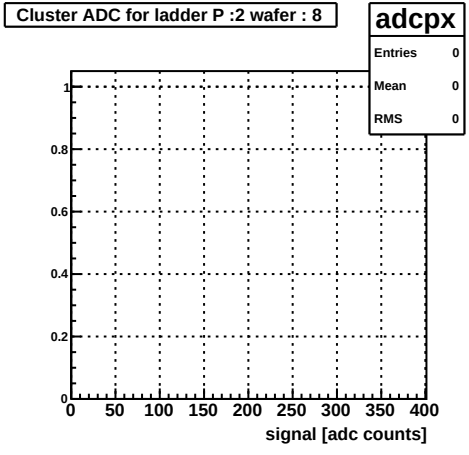

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

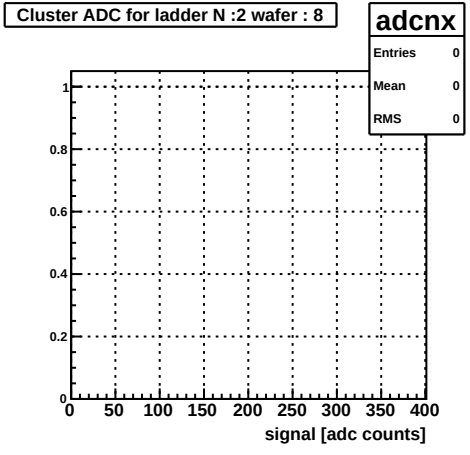

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

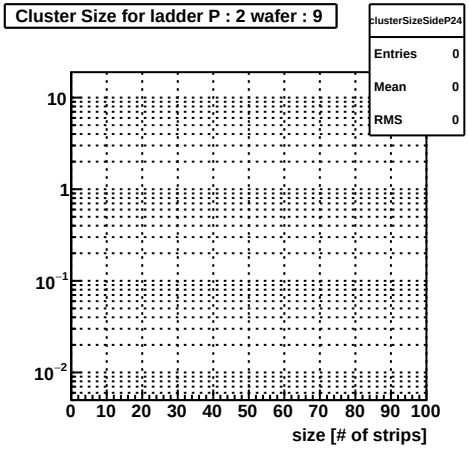

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

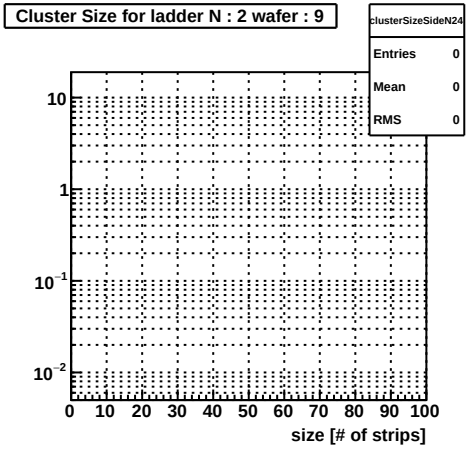

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

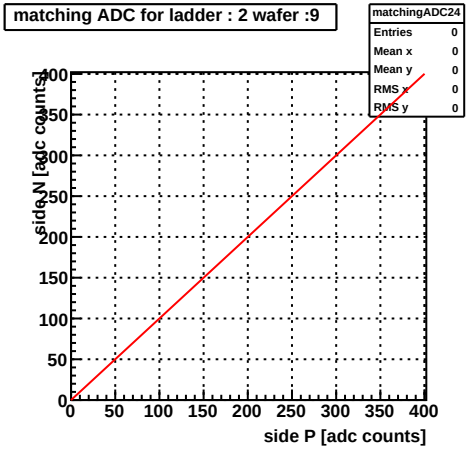

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

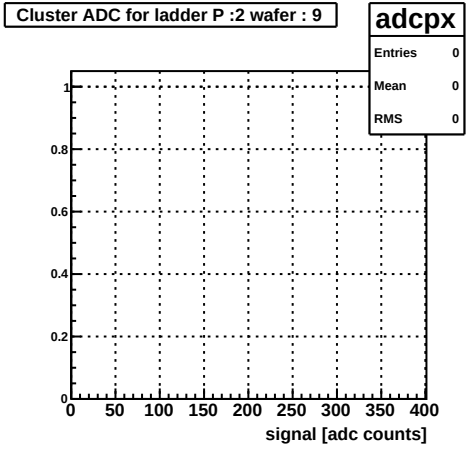

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

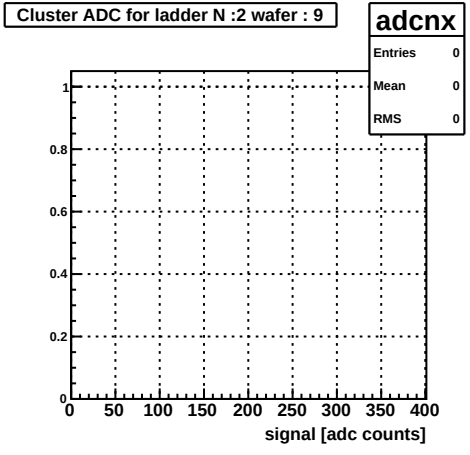

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

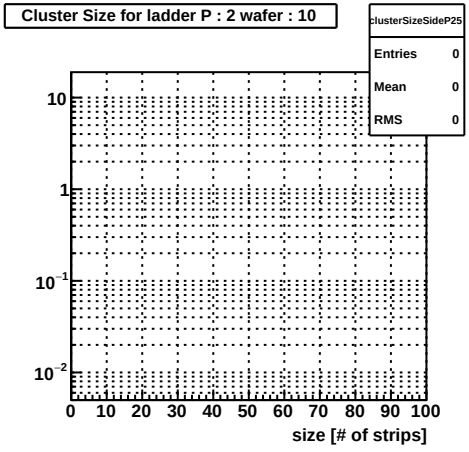

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

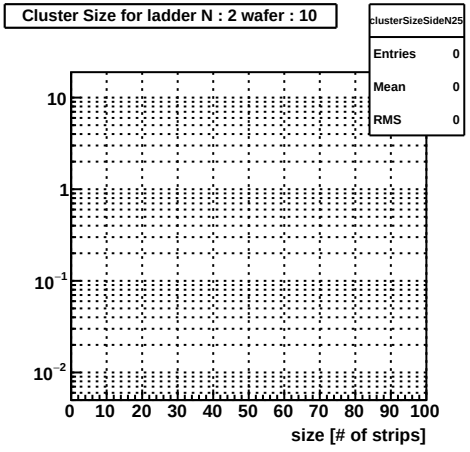

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

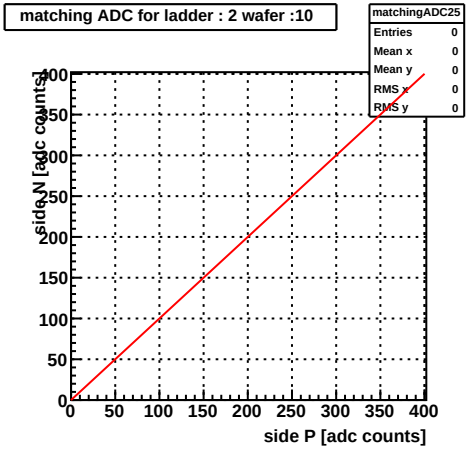

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

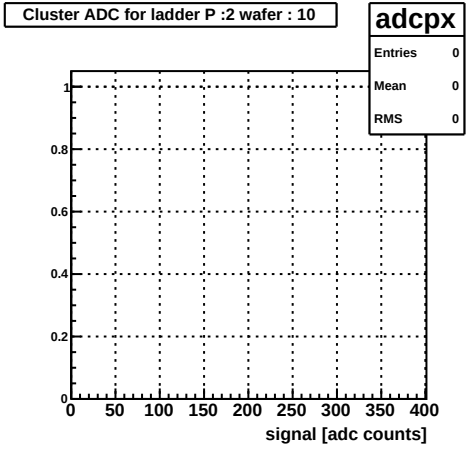

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

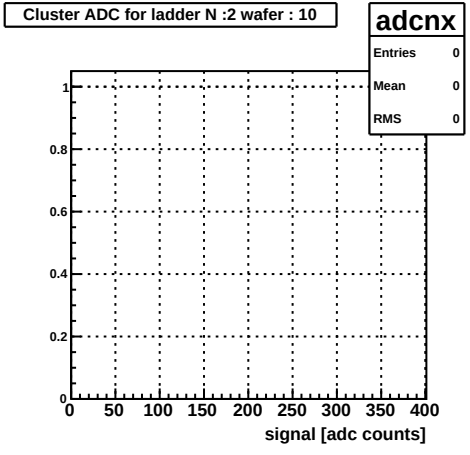

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

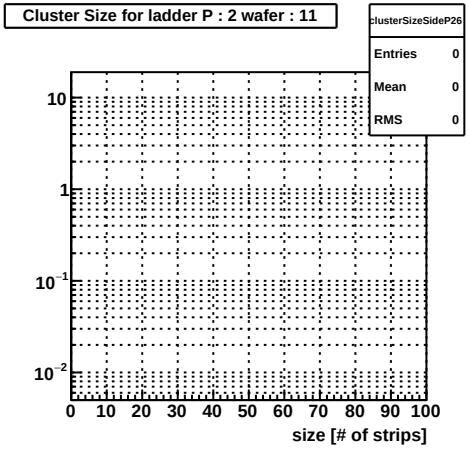

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

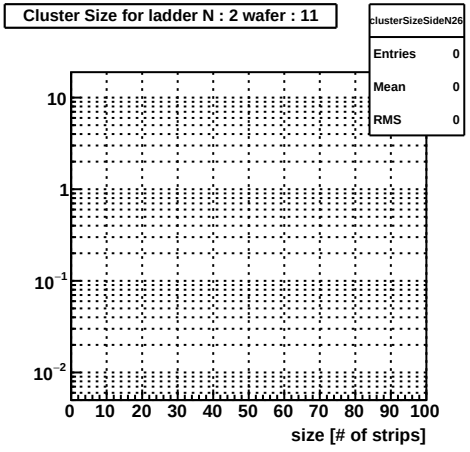

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

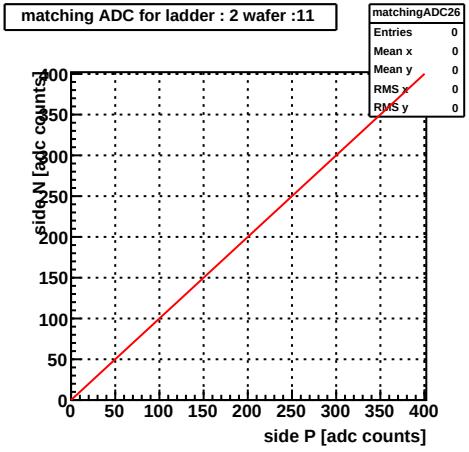

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

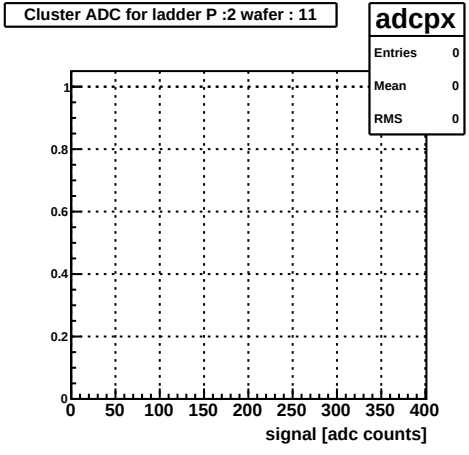

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

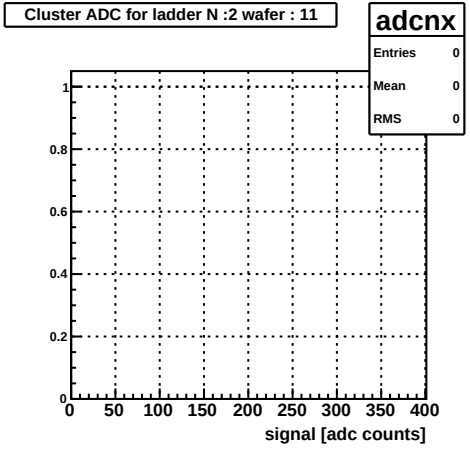

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

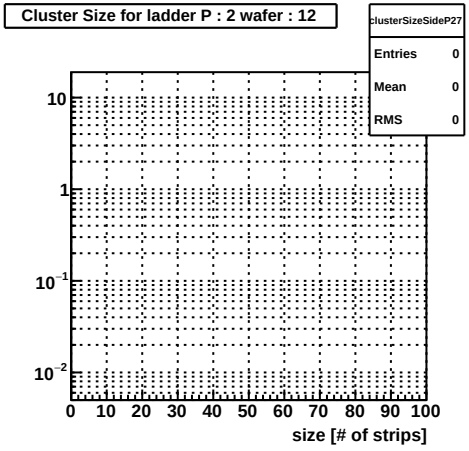

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

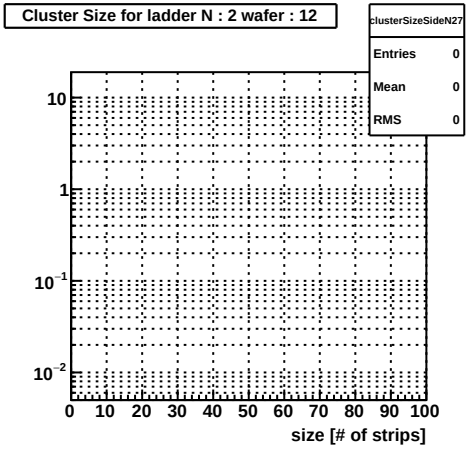

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

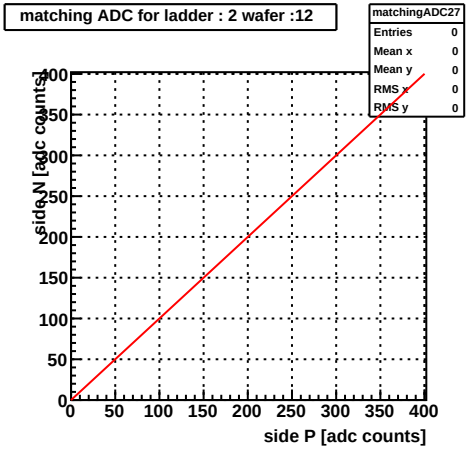

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

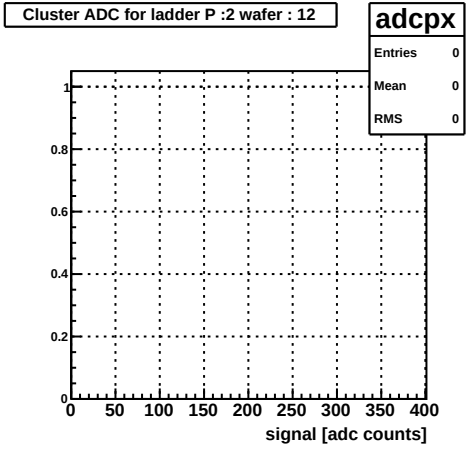

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

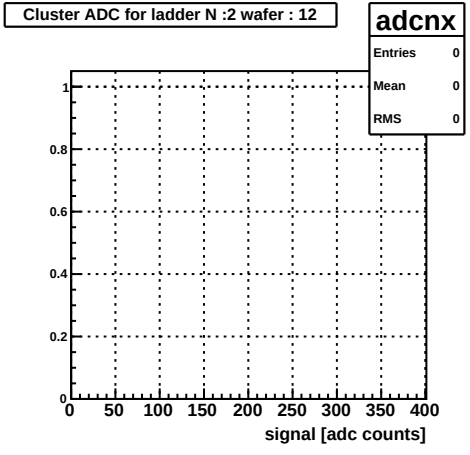

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

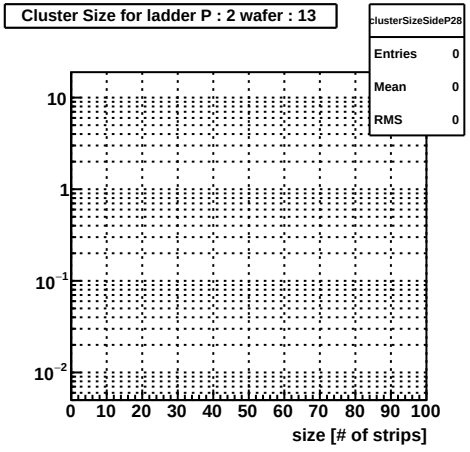

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

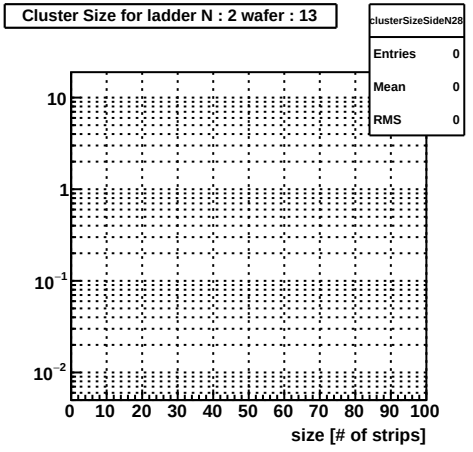

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

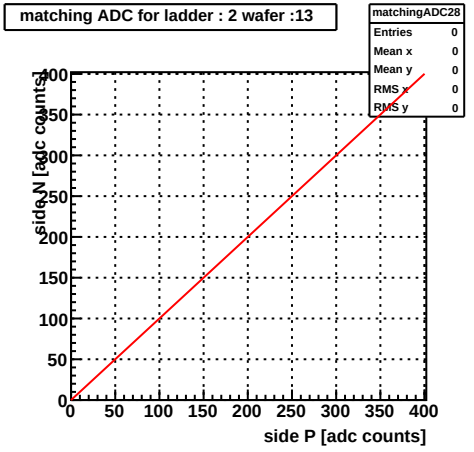

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

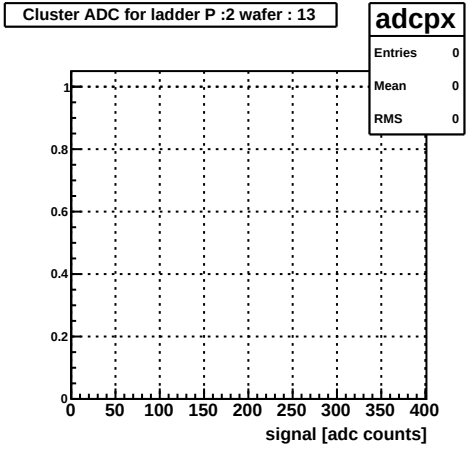

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

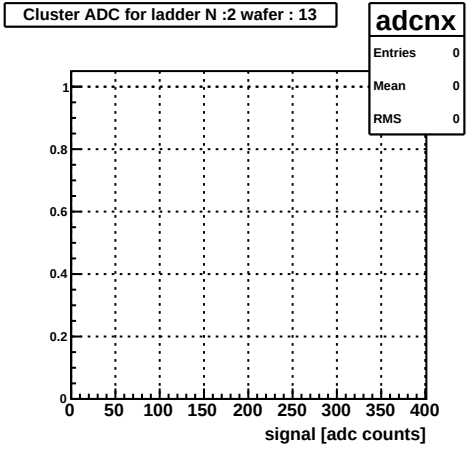

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

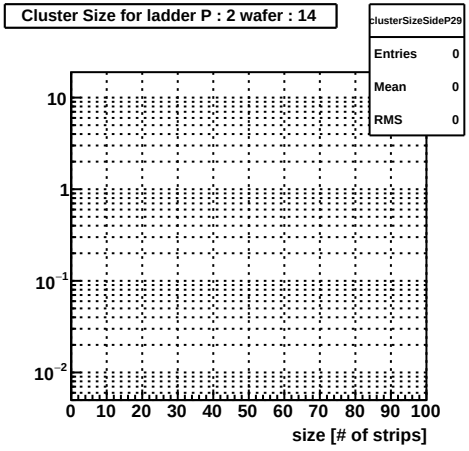

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

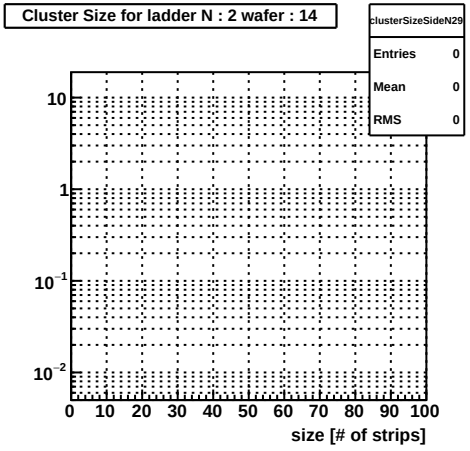

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

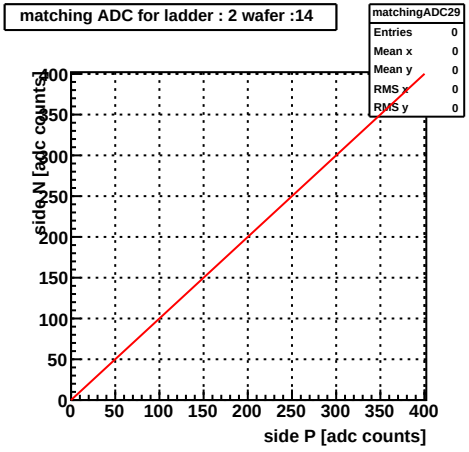

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

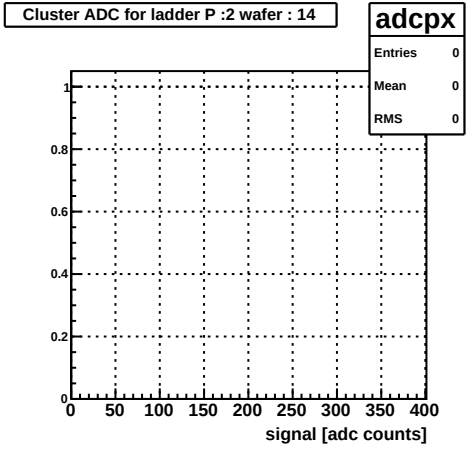

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

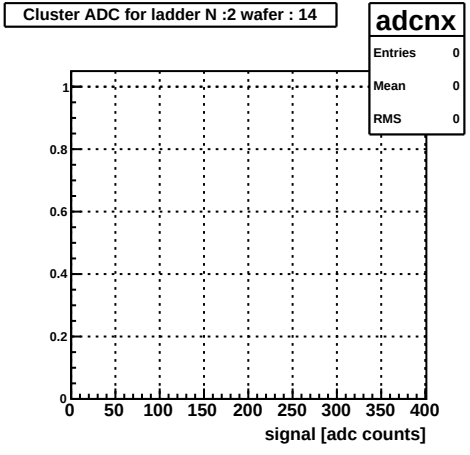

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

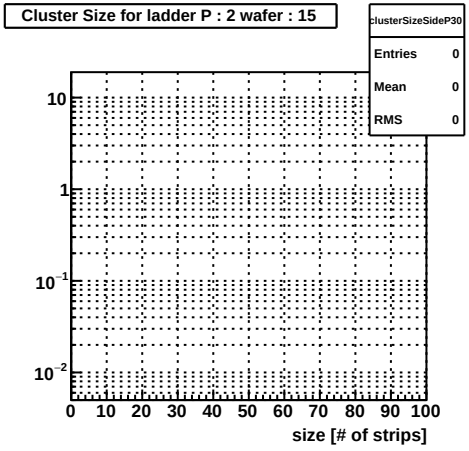

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

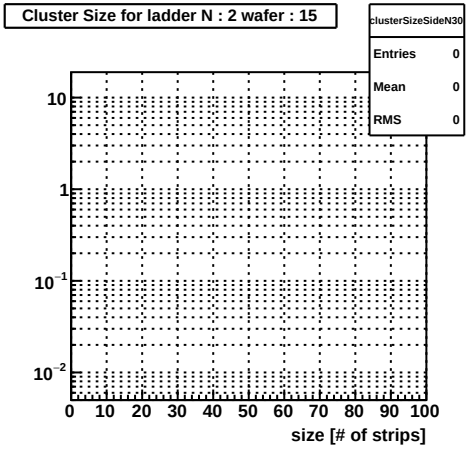

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

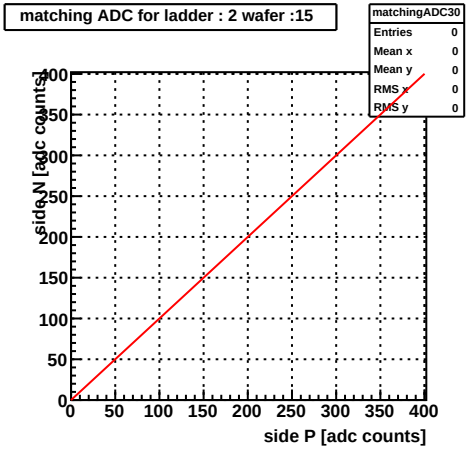

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

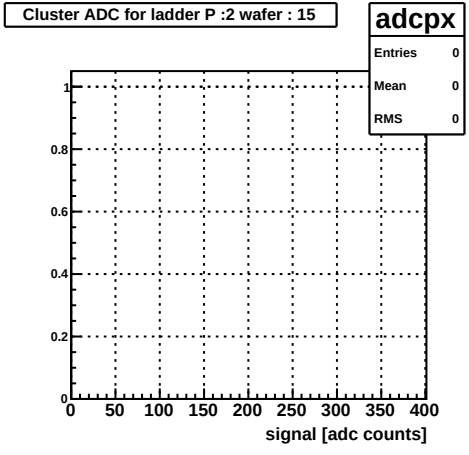

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

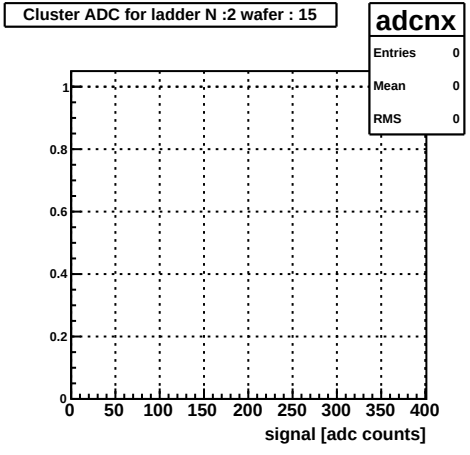

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

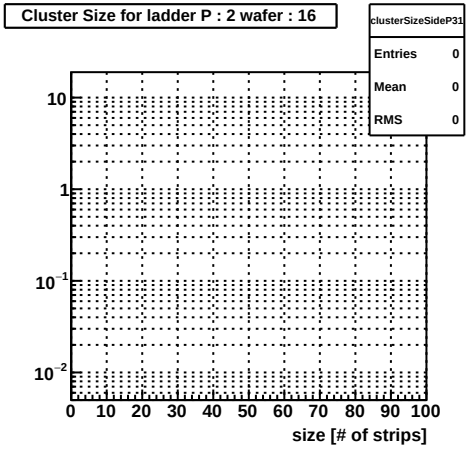

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

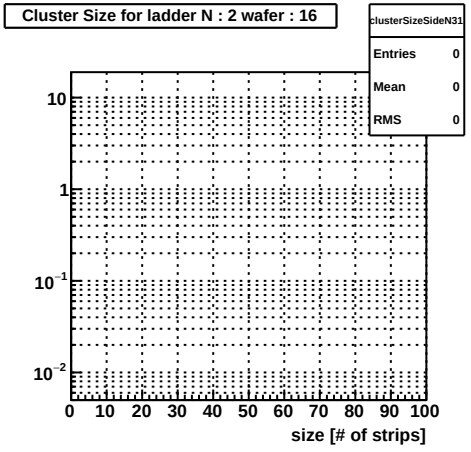

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

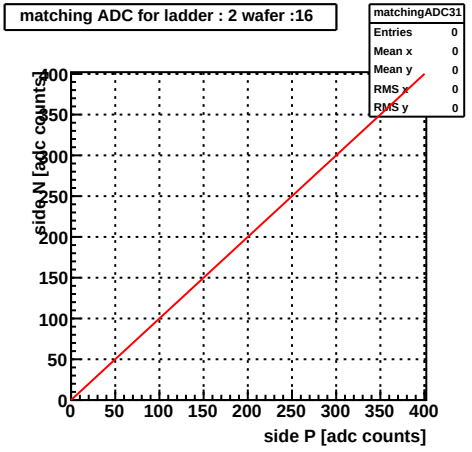

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

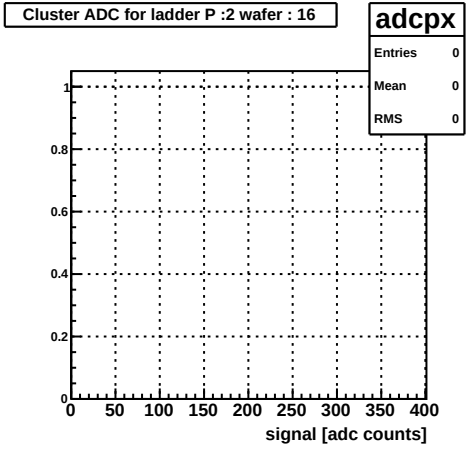

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

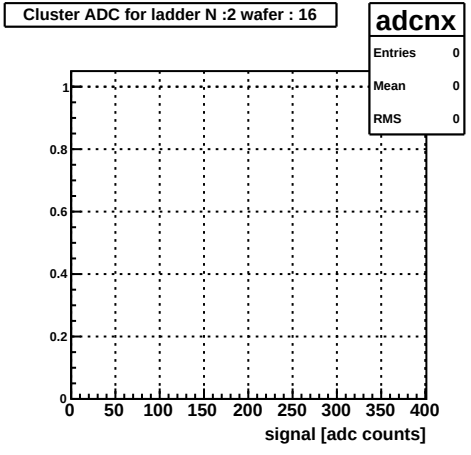

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

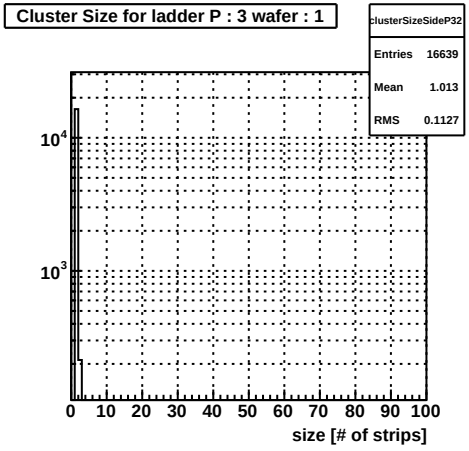

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

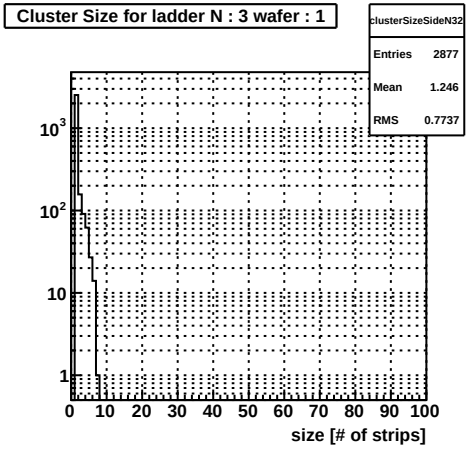

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

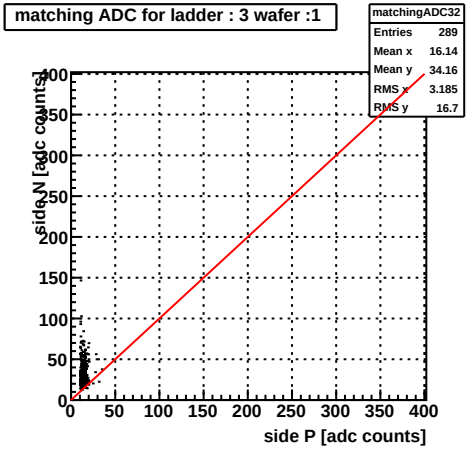

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

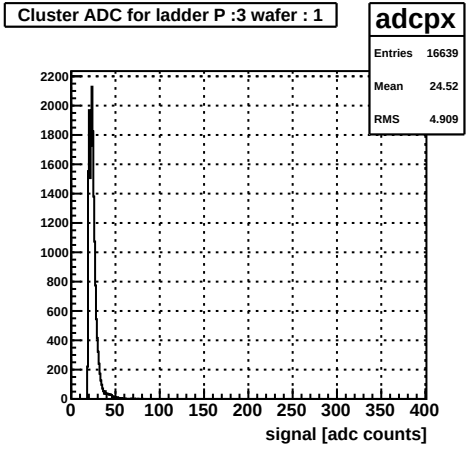

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

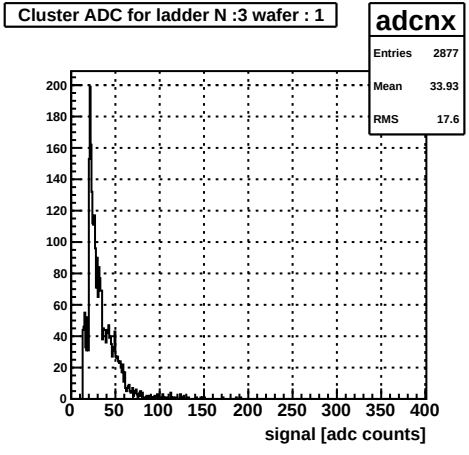

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

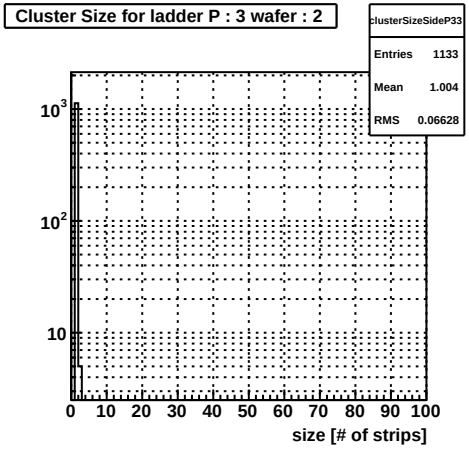

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16639
Mean 1.013
RMS 0.1127
size [# of strips]

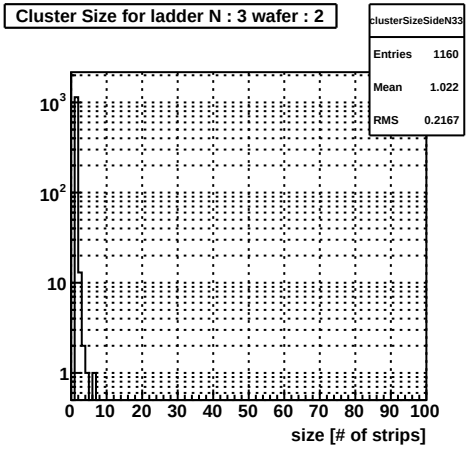

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2877
Mean 1.246
RMS 0.7737
size [# of strips]

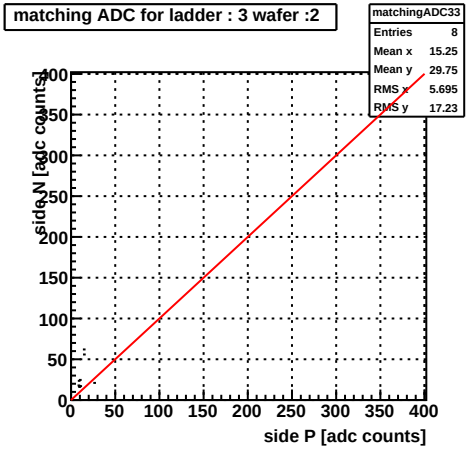

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 289
Mean x 16.14
Mean y 34.16
RMS x 3.185
RMS y 16.7
side N [adc counts]
side P [adc counts]

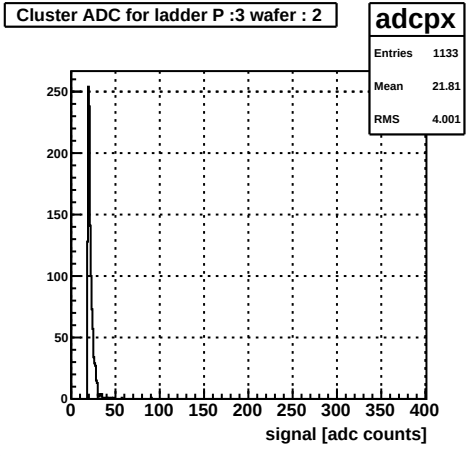

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16639
Mean 24.52
RMS 4.909
signal [adc counts]

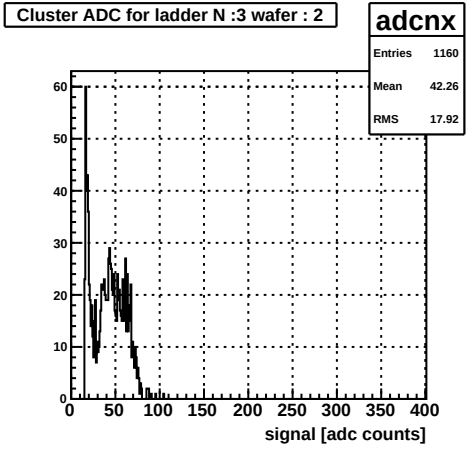

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2877
Mean 33.93
RMS 17.6
signal [adc counts]

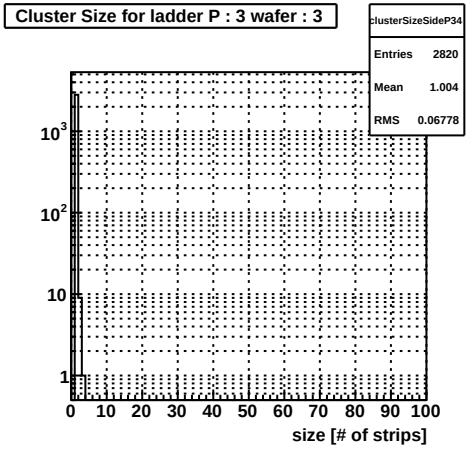

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1133
Mean 1.004
RMS 0.06628
size [# of strips]

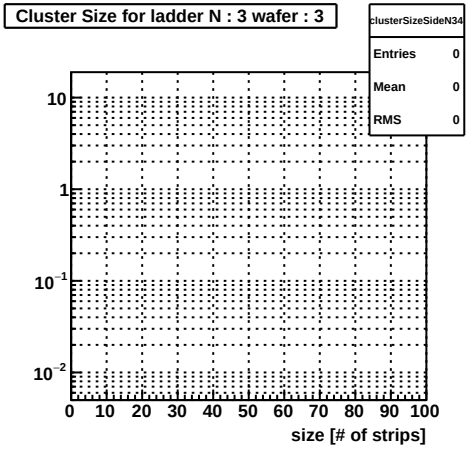

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1160
Mean 1.022
RMS 0.2167
size [# of strips]

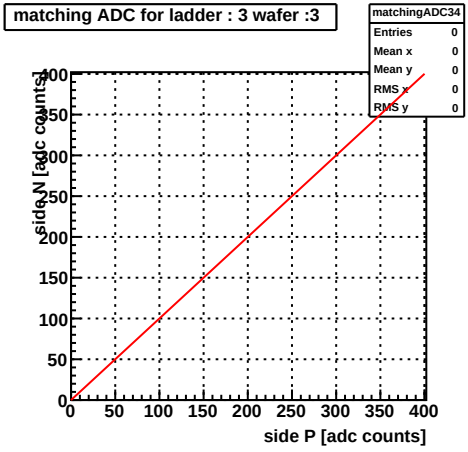

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 8
Mean x 15.25
Mean y 29.75
RMS x 5.695
RMS y 17.23
side N [adc counts]
side P [adc counts]

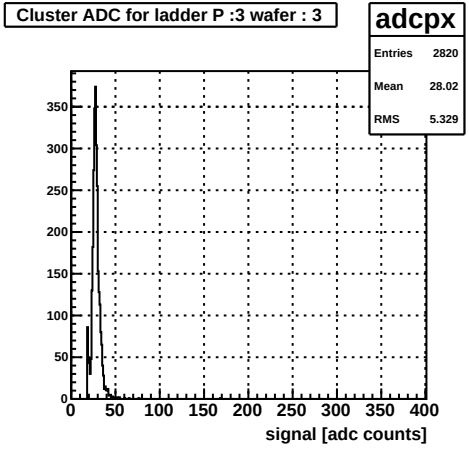

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1133
Mean 21.81
RMS 4.001
signal [adc counts]

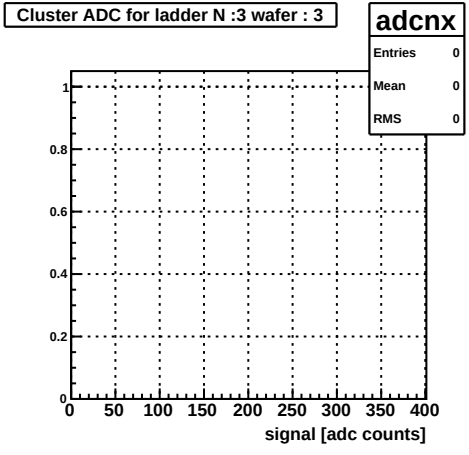

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1160
Mean 42.26
RMS 17.92
signal [adc counts]

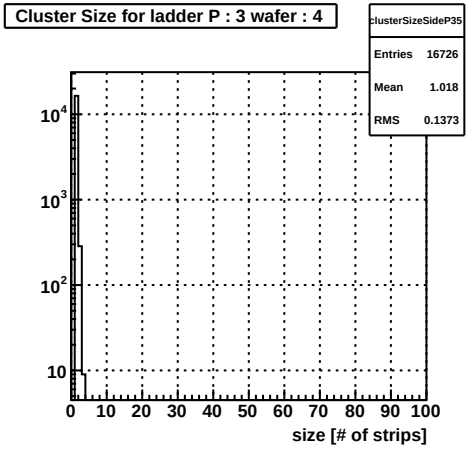

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2820
Mean 1.004
RMS 0.06778
size [# of strips]

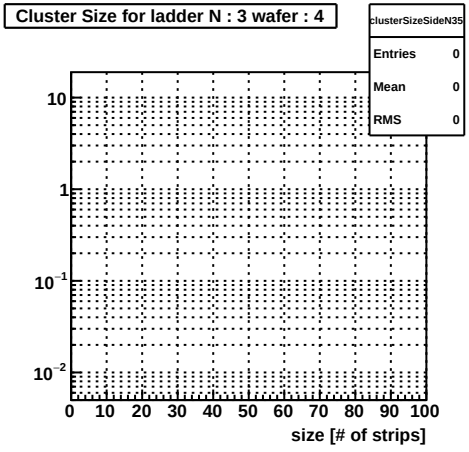

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

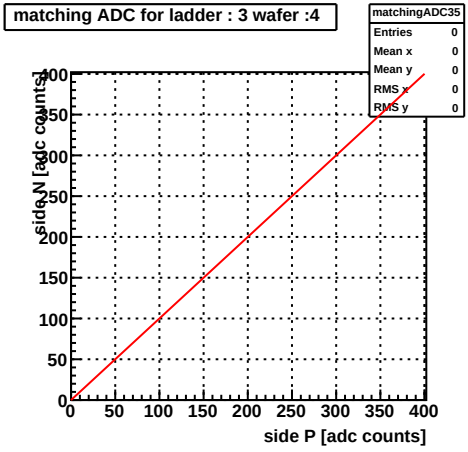

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

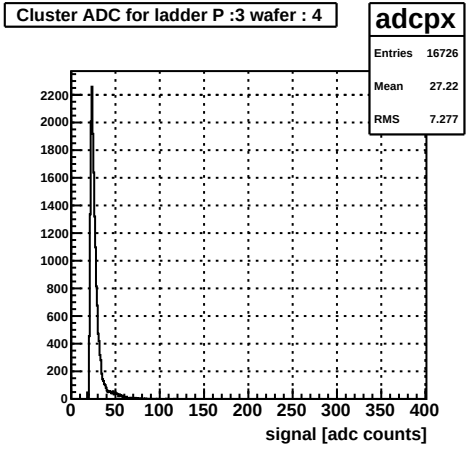

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2820
Mean 28.02
RMS 5.329
signal [adc counts]

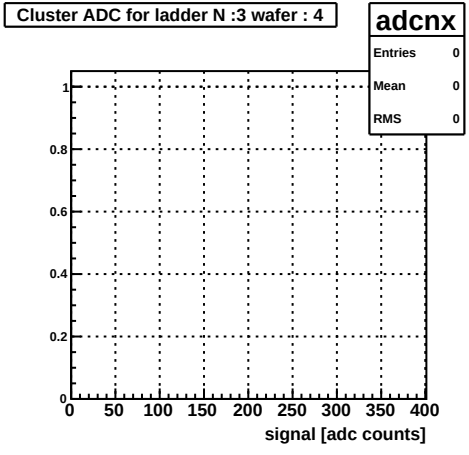

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

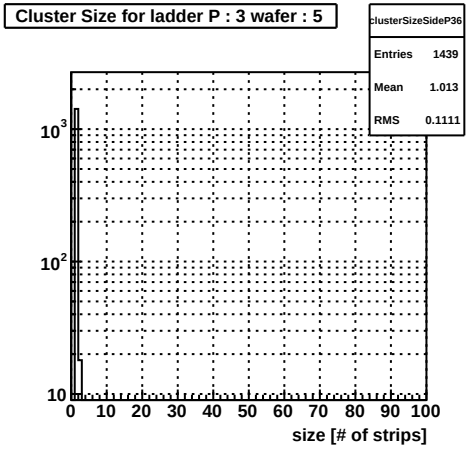

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 16726
Mean 1.018
RMS 0.1373
size [# of strips]

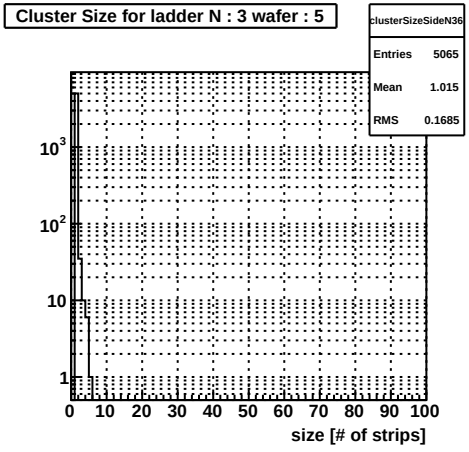

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

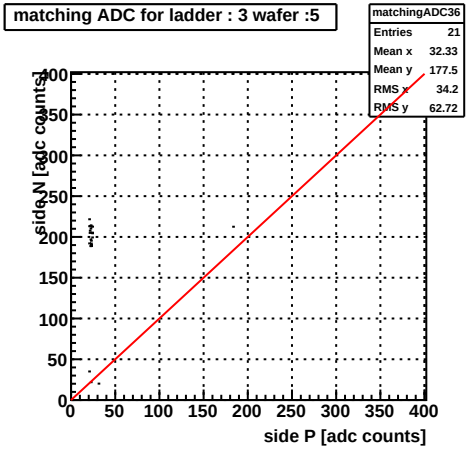

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

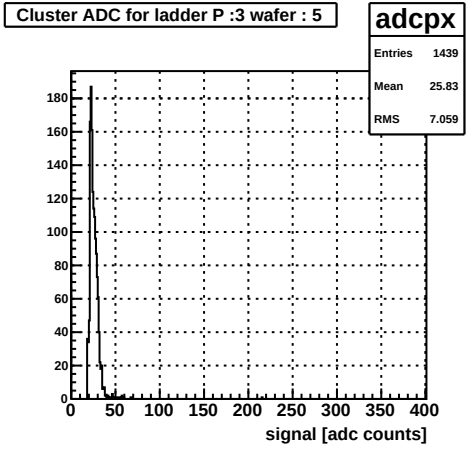

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 16726
Mean 27.22
RMS 7.277
signal [adc counts]

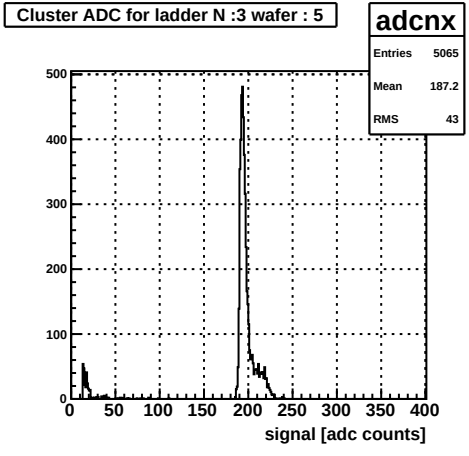

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

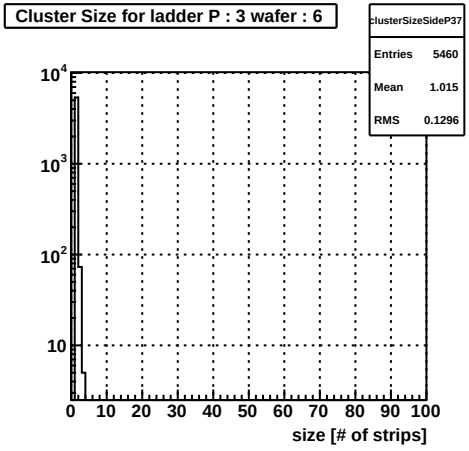

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1439
Mean 1.013
RMS 0.1111
size [# of strips]

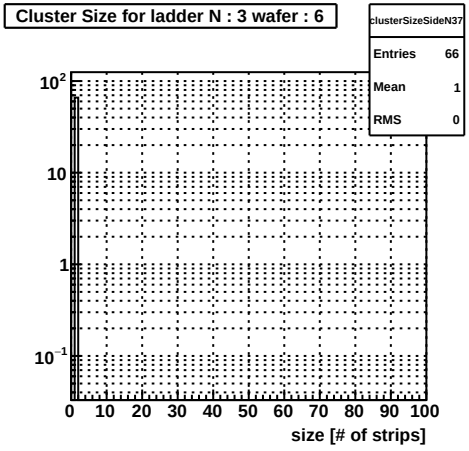

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5065
Mean 1.015
RMS 0.1685
size [# of strips]

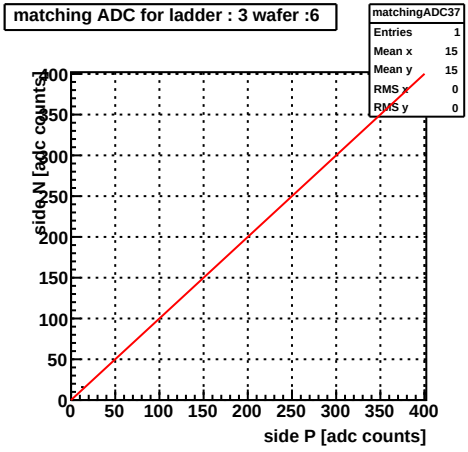

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 21
Mean x 32.33
Mean y 177.5
RMS x 34.2
RMS y 62.72
side N [adc counts]
side P [adc counts]

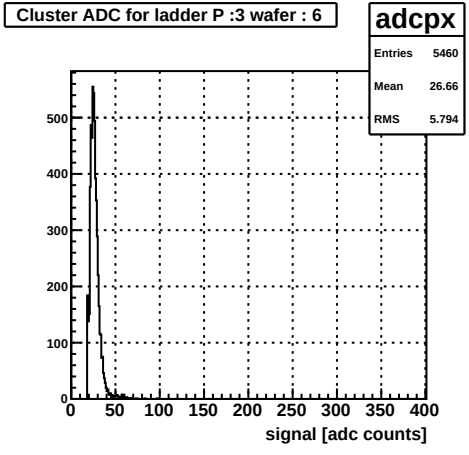

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1439
Mean 25.83
RMS 7.059
signal [adc counts]

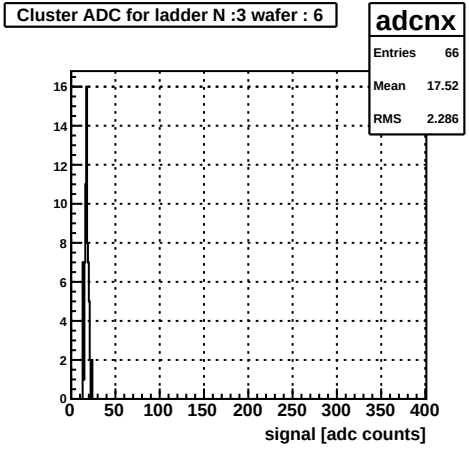

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5065
Mean 187.2
RMS 43
signal [adc counts]

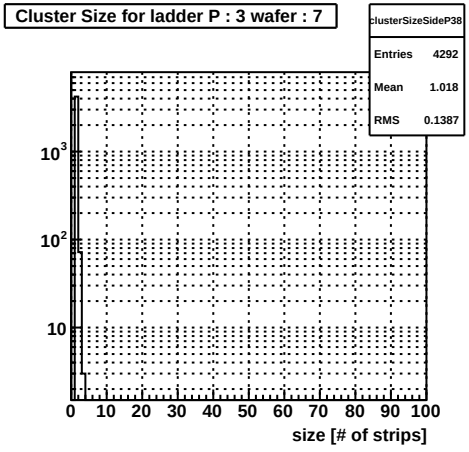

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5460
Mean 1.015
RMS 0.1296
size [# of strips]

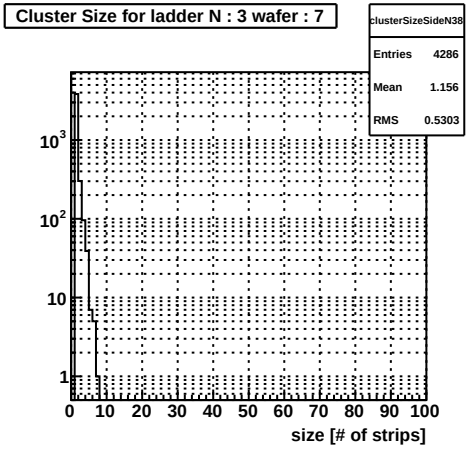

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 66
Mean 1
RMS 0
size [# of strips]

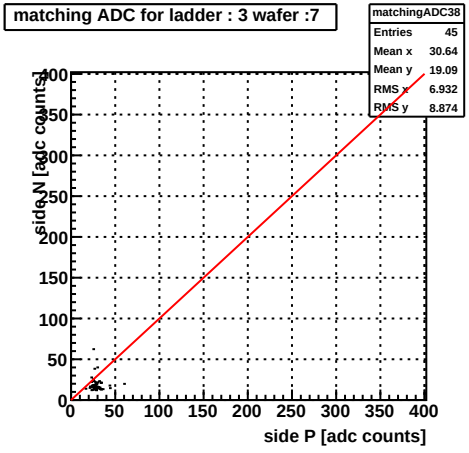

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

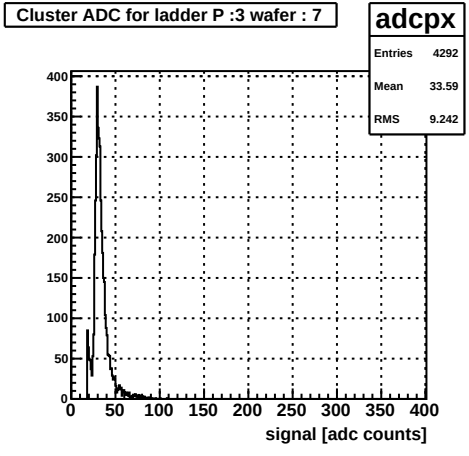

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5460
Mean 26.66
RMS 5.794
signal [adc counts]

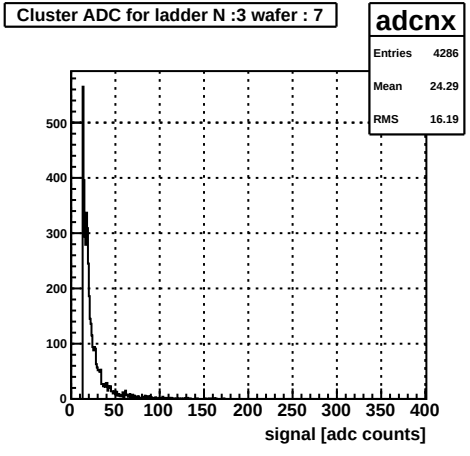

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 66
Mean 17.52
RMS 2.286
signal [adc counts]

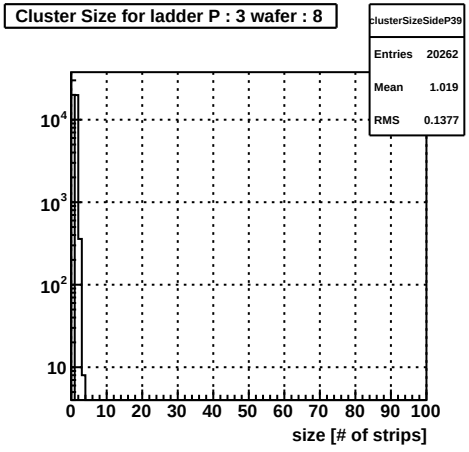

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4292
Mean 1.018
RMS 0.1387
size [# of strips]

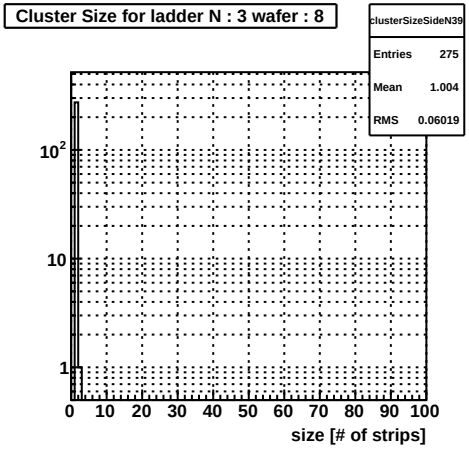

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 4286
Mean 1.156
RMS 0.5303
size [# of strips]

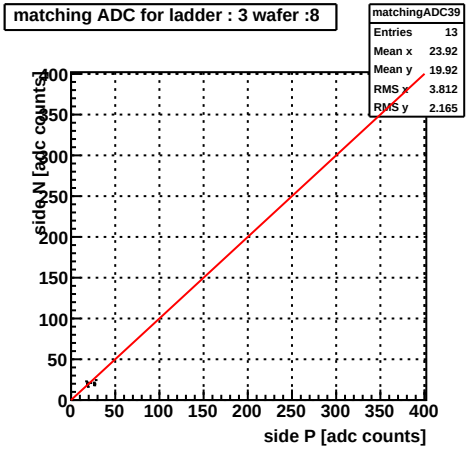

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 45
Mean x 30.64
Mean y 19.09
RMS x 6.932
RMS y 8.874
side N [adc counts]
side P [adc counts]

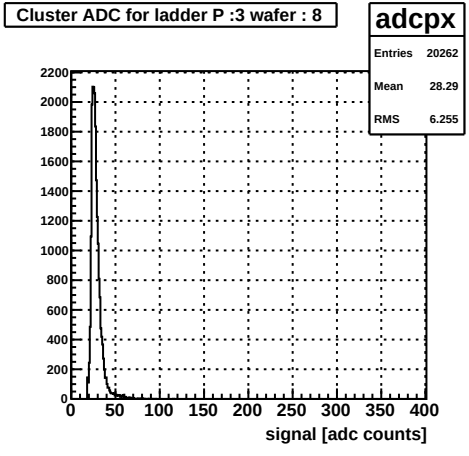

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4292
Mean 33.59
RMS 9.242
signal [adc counts]

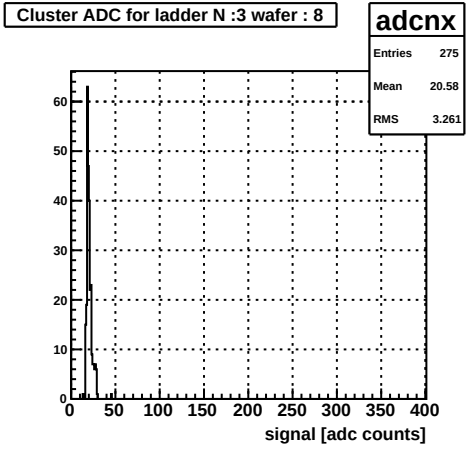

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 4286
Mean 24.29
RMS 16.19
signal [adc counts]

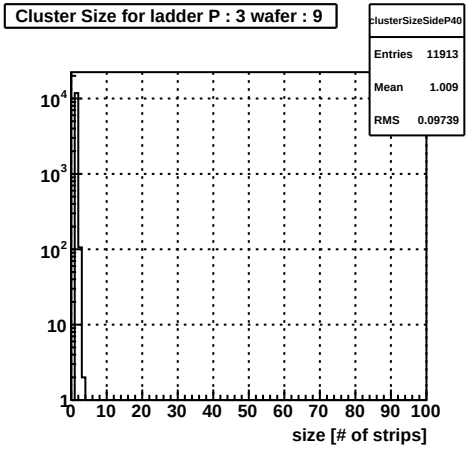

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 20262
Mean 1.019
RMS 0.1377
size [# of strips]

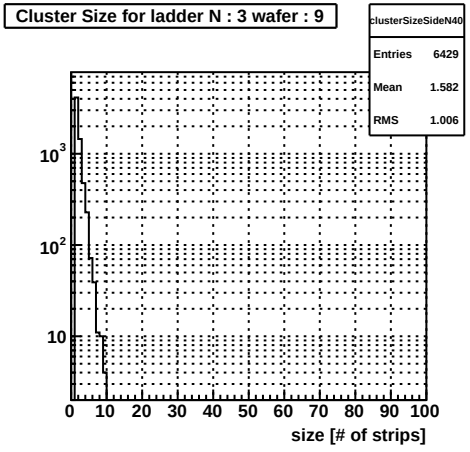

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 275
Mean 1.004
RMS 0.06019
size [# of strips]

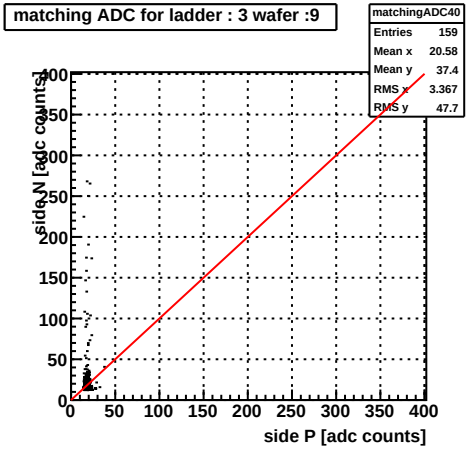

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 13
Mean x 23.92
Mean y 19.92
RMS x 3.812
RMS y 2.165
side N [adc counts]
side P [adc counts]

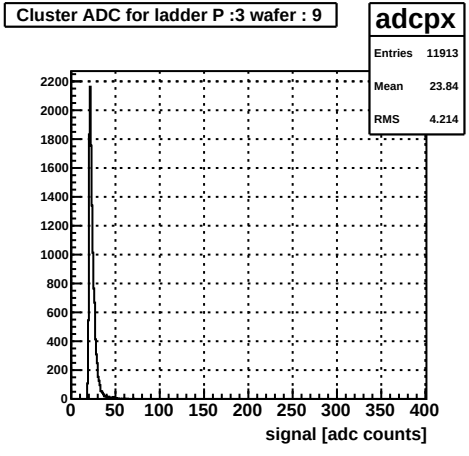

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 20262
Mean 28.29
RMS 6.255
signal [adc counts]

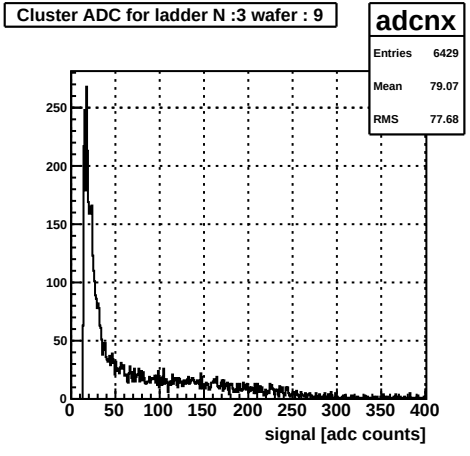

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 275
Mean 20.58
RMS 3.261
signal [adc counts]

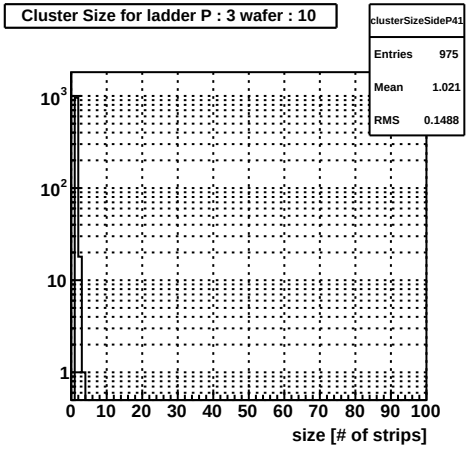

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 11913
Mean 1.009
RMS 0.09739
size [# of strips]

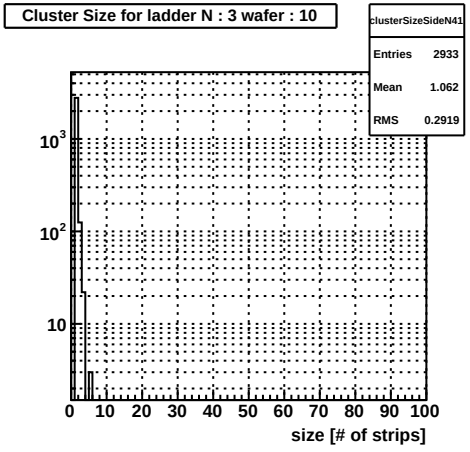

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6429
Mean 1.582
RMS 1.006
size [# of strips]

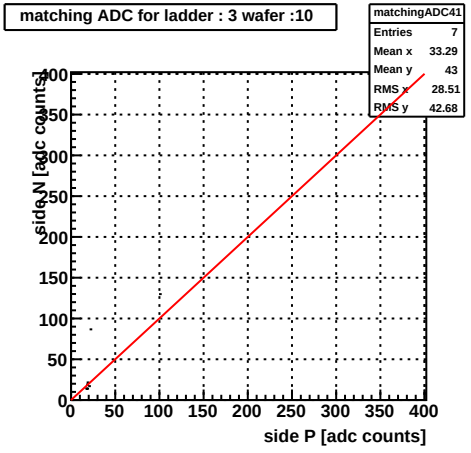

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 159
Mean x 20.58
Mean y 37.4
RMS x 3.367
RMS y 47.7
side N [adc counts]
side P [adc counts]

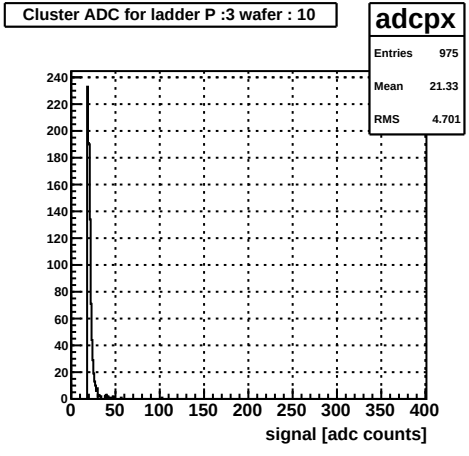

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 11913
Mean 23.84
RMS 4.214
signal [adc counts]

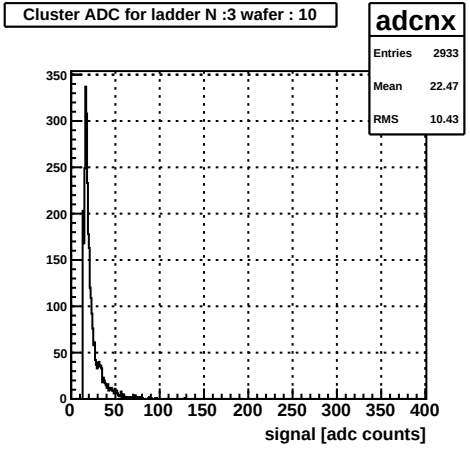

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6429
Mean 79.07
RMS 77.68
signal [adc counts]

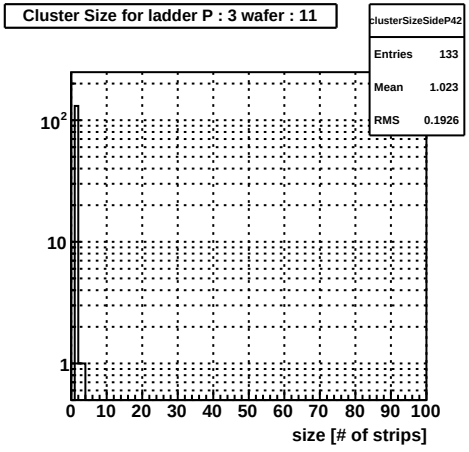

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 975
Mean 1.021
RMS 0.1488
size [# of strips]

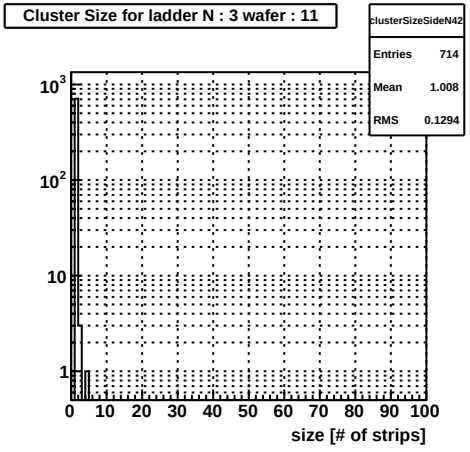

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2933
Mean 1.062
RMS 0.2919
size [# of strips]

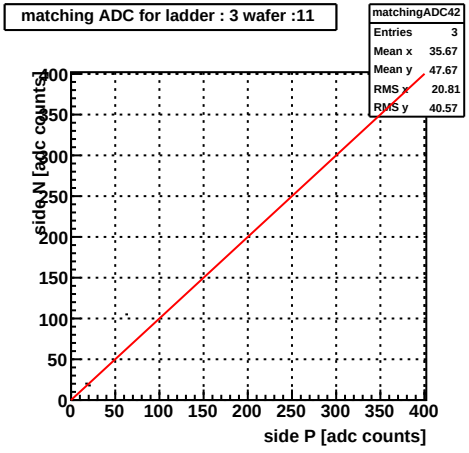

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7
Mean x 33.29
Mean y 43
RMS x 28.51
RMS y 42.68
side N [adc counts]
side P [adc counts]

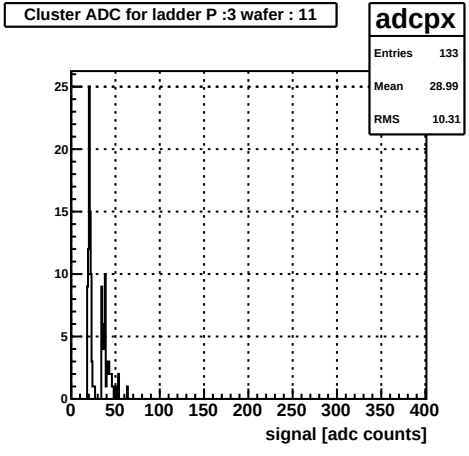

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 975
Mean 21.33
RMS 4.701
signal [adc counts]

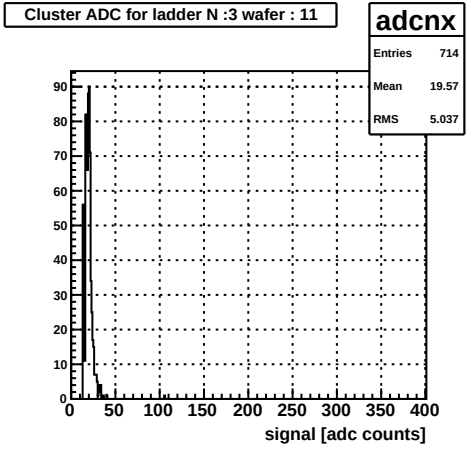

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2933
Mean 22.47
RMS 10.43
signal [adc counts]

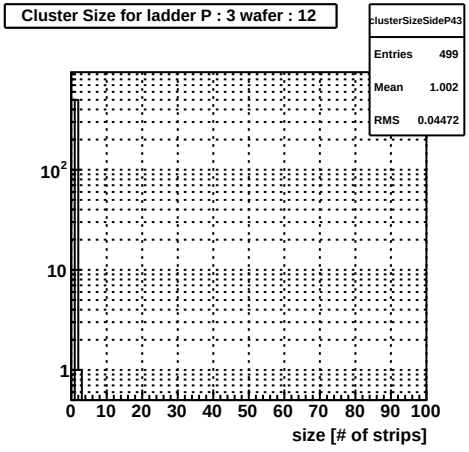

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 133
Mean 1.023
RMS 0.1926
size [# of strips]

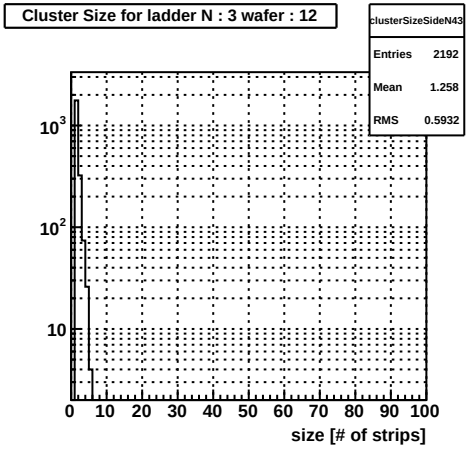

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 714
Mean 1.008
RMS 0.1294
size [# of strips]

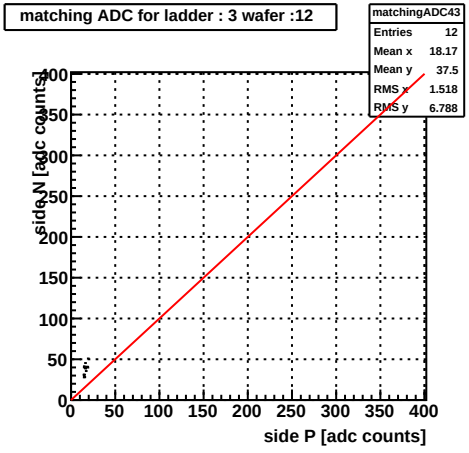

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 3
Mean x 35.67
Mean y 47.67
RMS x 20.81
RMS y 40.57
side N [adc counts]
side P [adc counts]

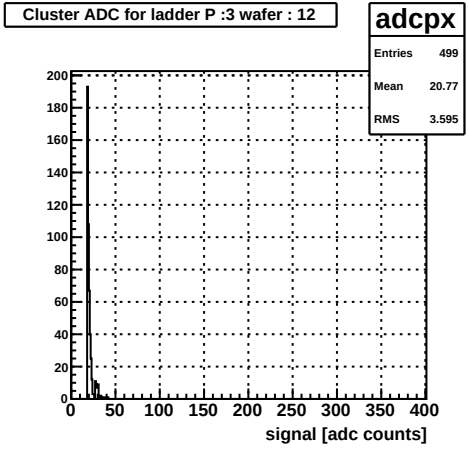

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 133
Mean 28.99
RMS 10.31
signal [adc counts]

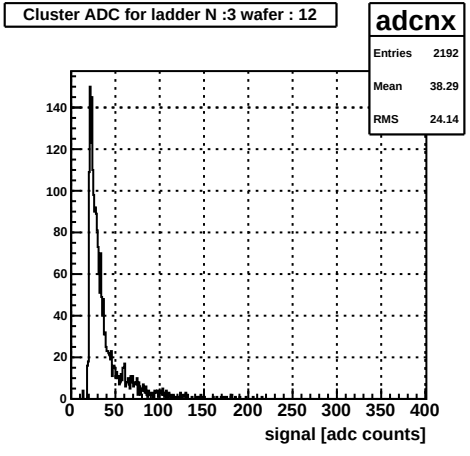

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 714
Mean 19.57
RMS 5.037
signal [adc counts]

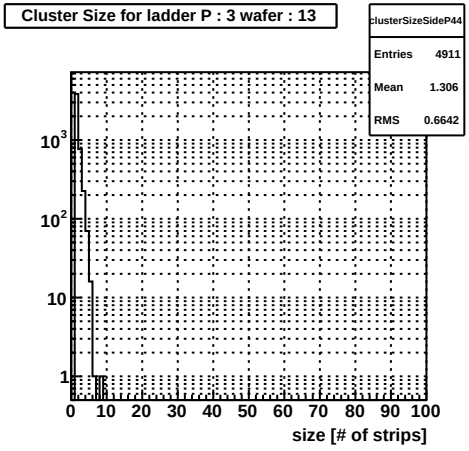

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 499
Mean 1.002
RMS 0.04472
size [# of strips]

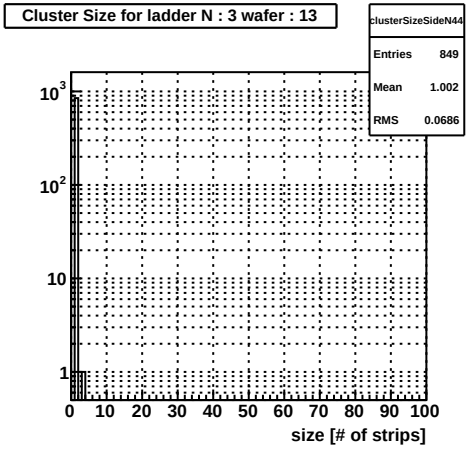

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2192
Mean 1.258
RMS 0.5932
size [# of strips]

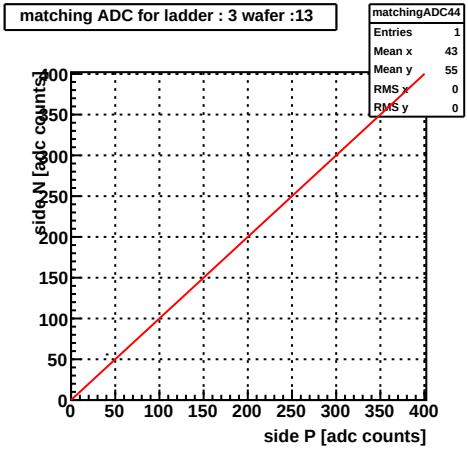

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 12
Mean x 18.17
Mean y 37.5
RMS x 1.518
RMS y 6.788
side N [adc counts]
side P [adc counts]

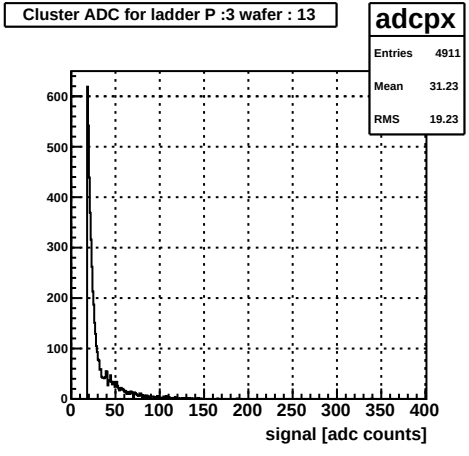

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 499
Mean 20.77
RMS 3.595
signal [adc counts]

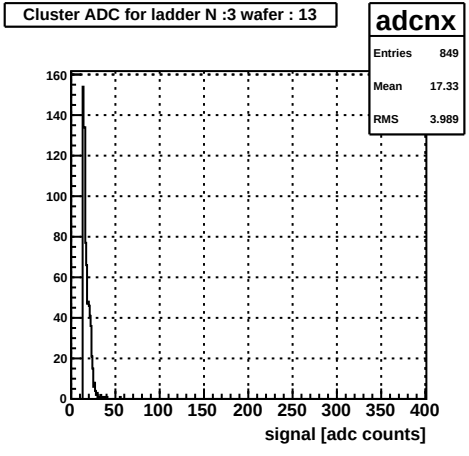

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2192
Mean 38.29
RMS 24.14
signal [adc counts]

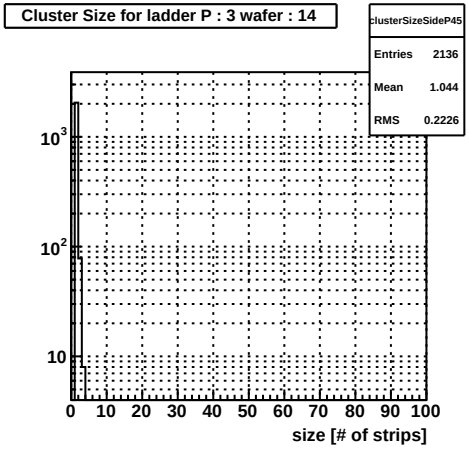

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4911
Mean 1.306
RMS 0.6642
size [# of strips]

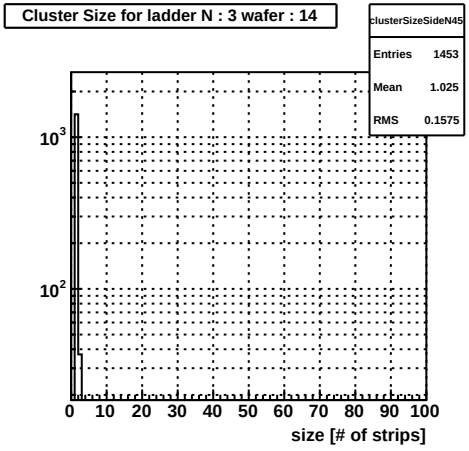

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 849
Mean 1.002
RMS 0.0686
size [# of strips]

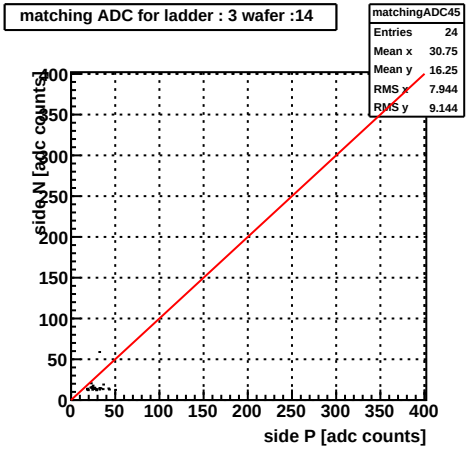

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1
Mean x 43
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

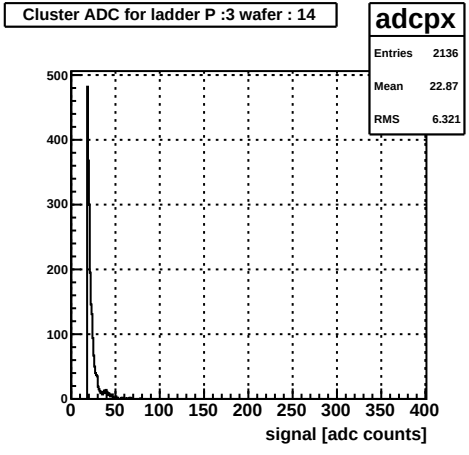

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4911
Mean 31.23
RMS 19.23
signal [adc counts]

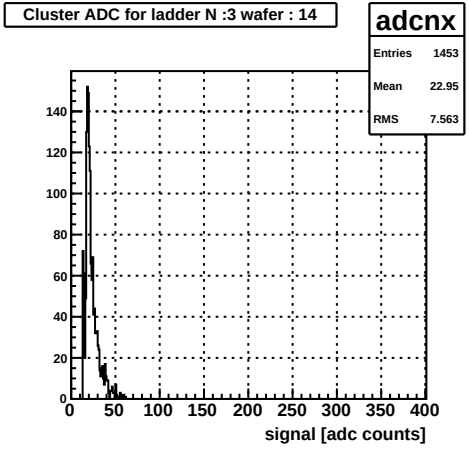

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 849
Mean 17.33
RMS 3.989
signal [adc counts]

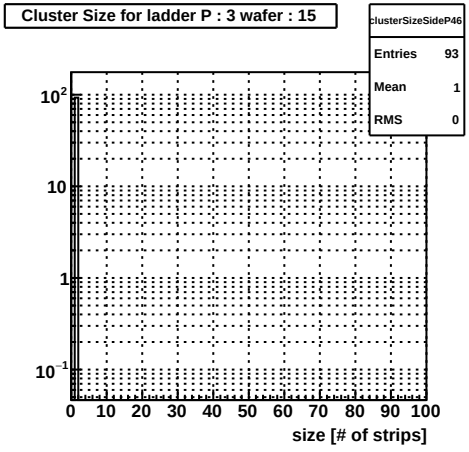

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2136
Mean 1.044
RMS 0.2226
size [# of strips]

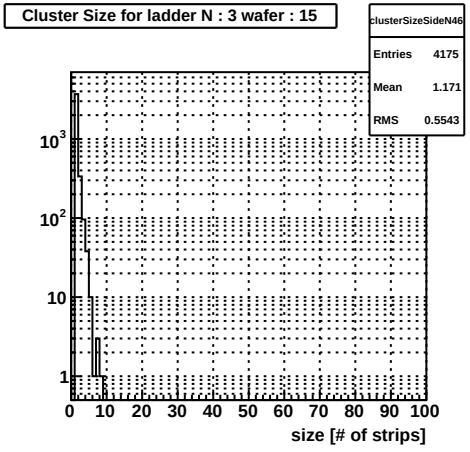

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1453
Mean 1.025
RMS 0.1575
size [# of strips]

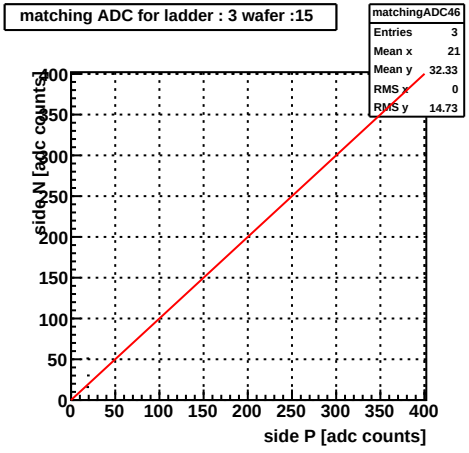

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 24
Mean x 30.75
Mean y 16.25
RMS x 7.944
RMS y 9.144
side N [adc counts]
side P [adc counts]

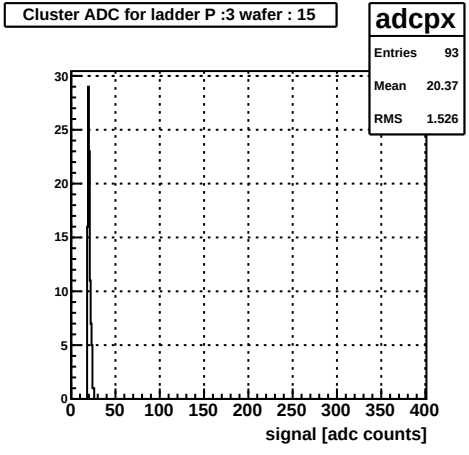

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2136
Mean 22.87
RMS 6.321
signal [adc counts]

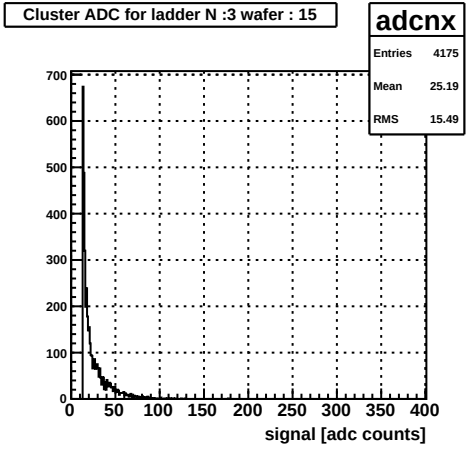

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1453
Mean 22.95
RMS 7.563
signal [adc counts]

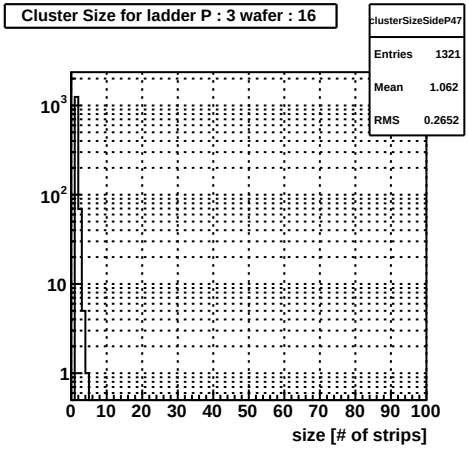

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 93
Mean 1
RMS 0
size [# of strips]

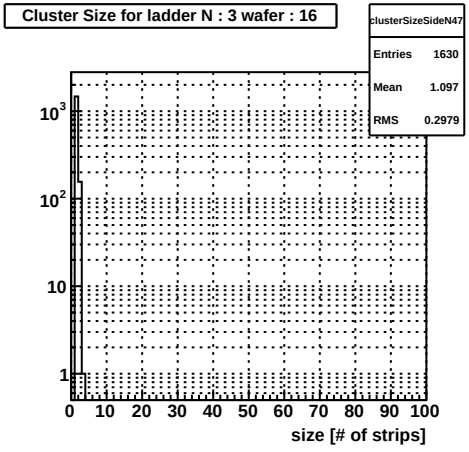

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4175
Mean 1.171
RMS 0.5543
size [# of strips]

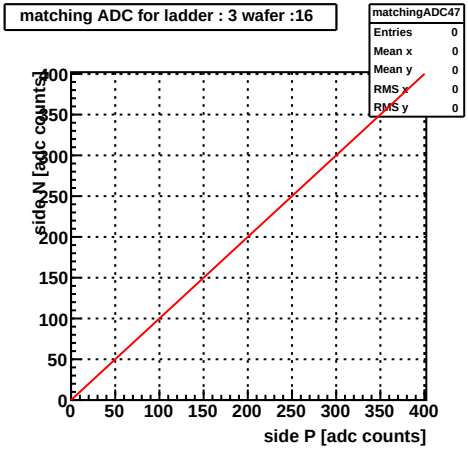

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3
Mean x 21
Mean y 32.33
RMS x 0
RMS y 14.73
side N [adc counts]
side P [adc counts]

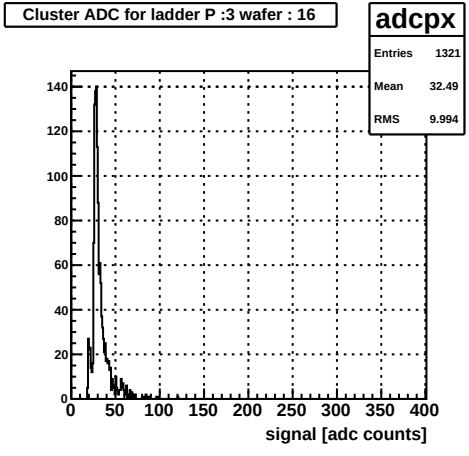

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 93
Mean 20.37
RMS 1.526
signal [adc counts]

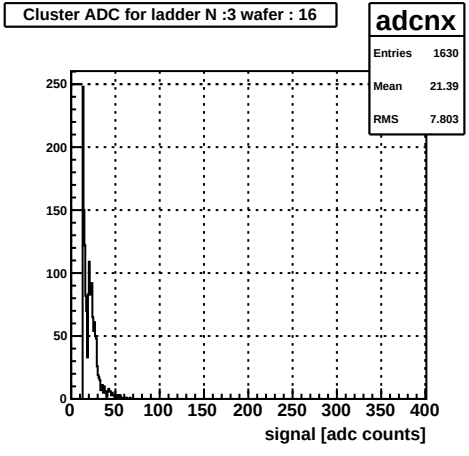

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4175
Mean 25.19
RMS 15.49
signal [adc counts]

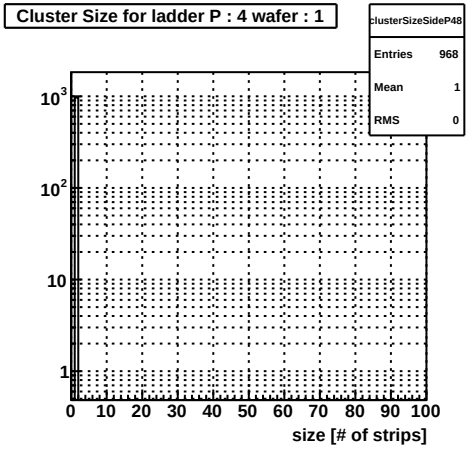

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1321
Mean 1.062
RMS 0.2652
size [# of strips]

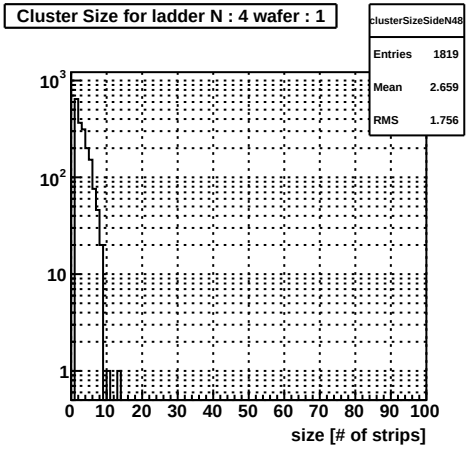

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1630
Mean 1.097
RMS 0.2979
size [# of strips]

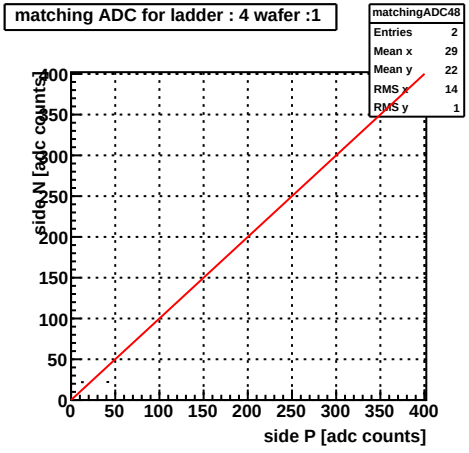

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

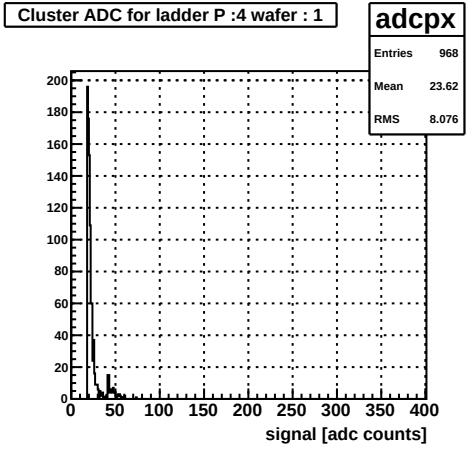

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1321
Mean 32.49
RMS 9.994
signal [adc counts]

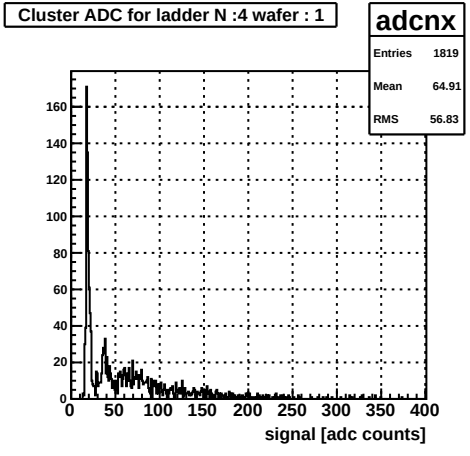

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1630
Mean 21.39
RMS 7.803
signal [adc counts]

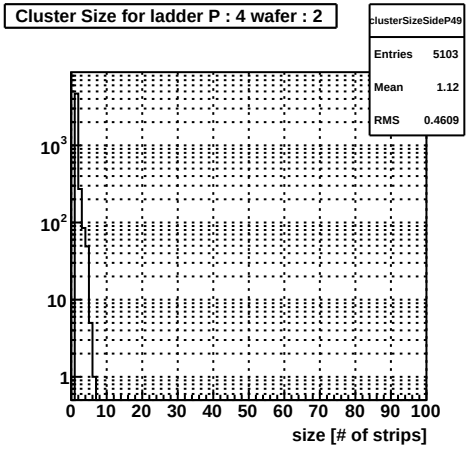

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 968
Mean 1
RMS 0
size [# of strips]

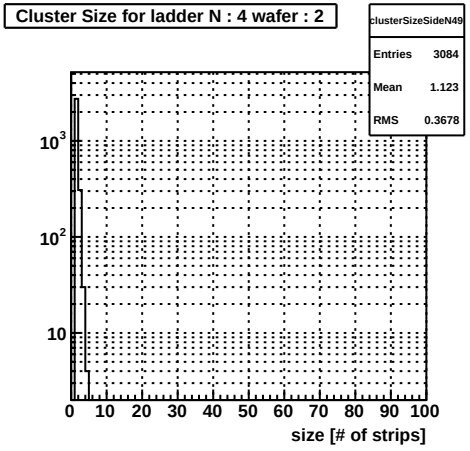

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1819
Mean 2.659
RMS 1.756
size [# of strips]

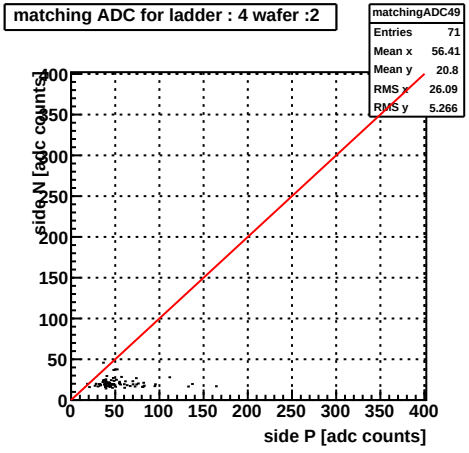

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 2
Mean x 29
Mean y 22
RMS x 14
RMS y 1
side N [adc counts]
side P [adc counts]

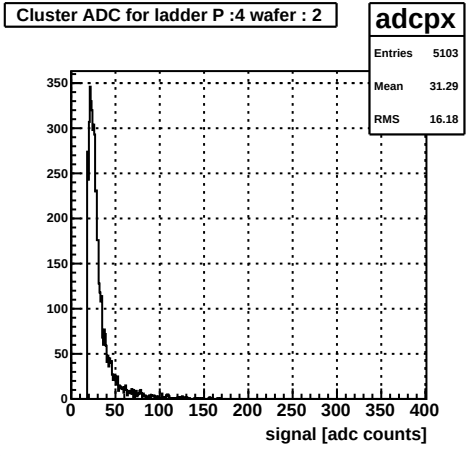

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 968
Mean 23.62
RMS 8.076
signal [adc counts]

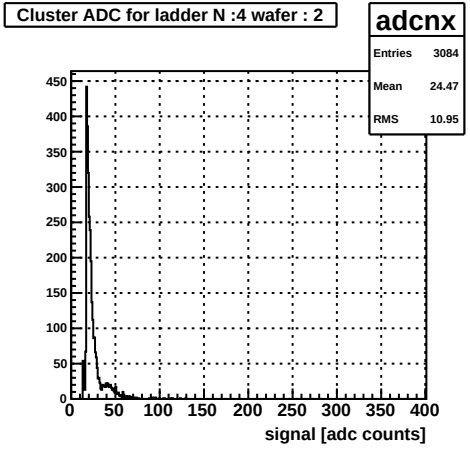

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1819
Mean 64.91
RMS 56.83
signal [adc counts]

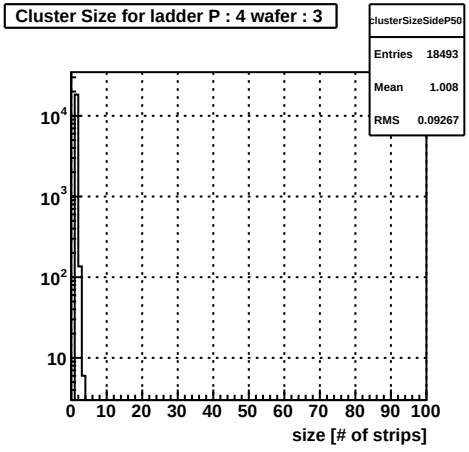

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5103
Mean 1.12
RMS 0.4609
size [# of strips]

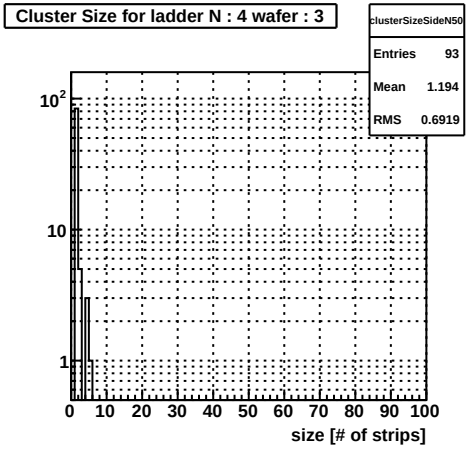

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 3084
Mean 1.123
RMS 0.3678
size [# of strips]

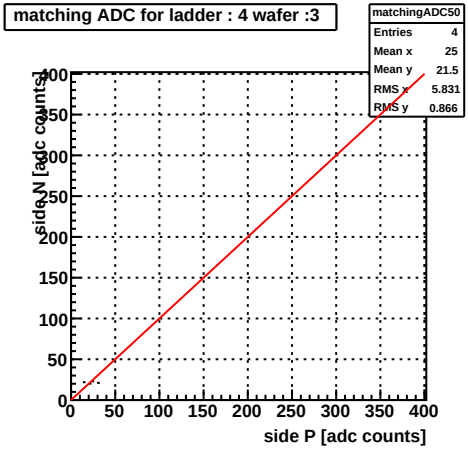

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 71
Mean x 56.41
Mean y 20.8
RMS x 26.09
RMS y 5.266
side N [adc counts]
side P [adc counts]

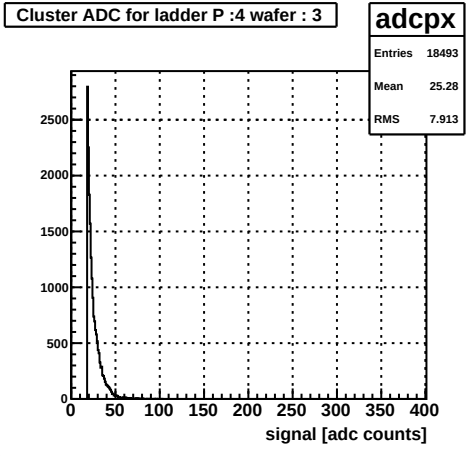

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5103
Mean 31.29
RMS 16.18
signal [adc counts]

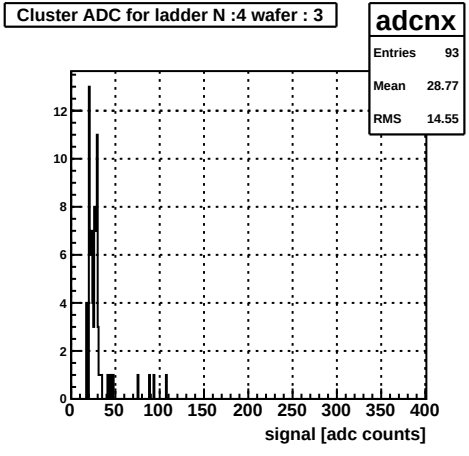

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 3084
Mean 24.47
RMS 10.95
signal [adc counts]

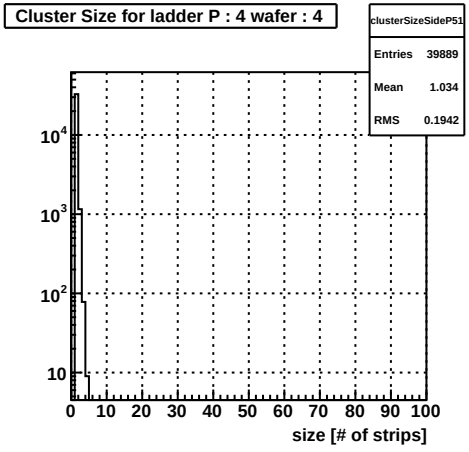

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 18493
Mean 1.008
RMS 0.09267
size [# of strips]

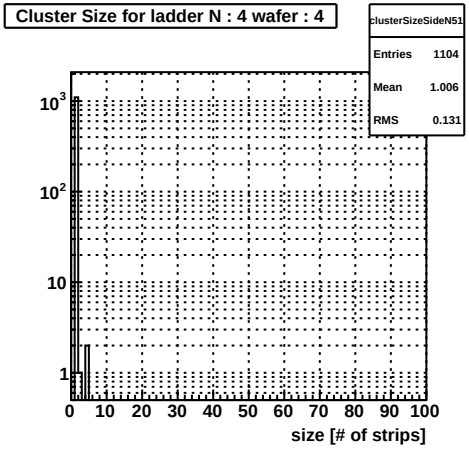

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 93
Mean 1.194
RMS 0.6919
size [# of strips]

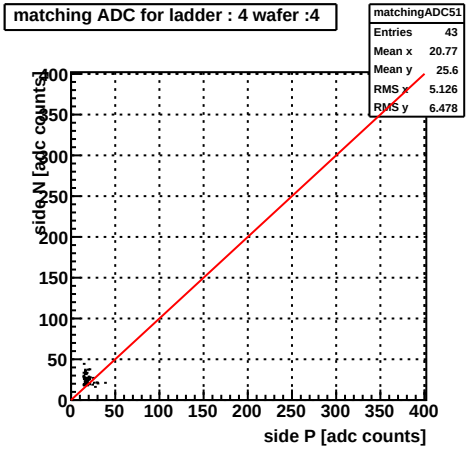

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 4
Mean x 25
Mean y 21.5
RMS x 5.831
RMS y 0.866
side N [adc counts]
side P [adc counts]

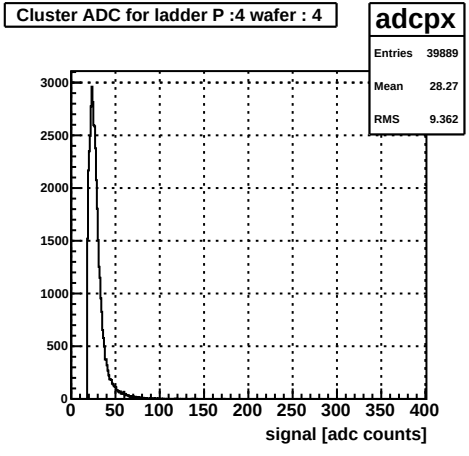

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 18493
Mean 25.28
RMS 7.913
signal [adc counts]

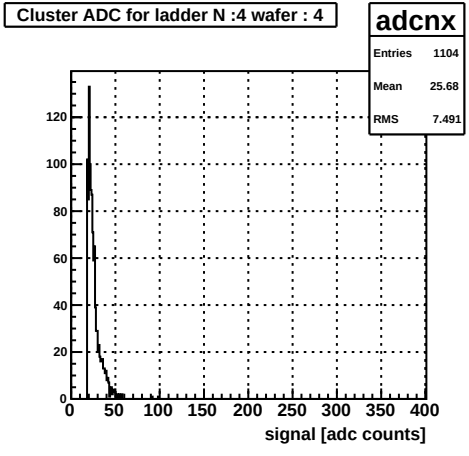

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 93
Mean 28.77
RMS 14.55
signal [adc counts]

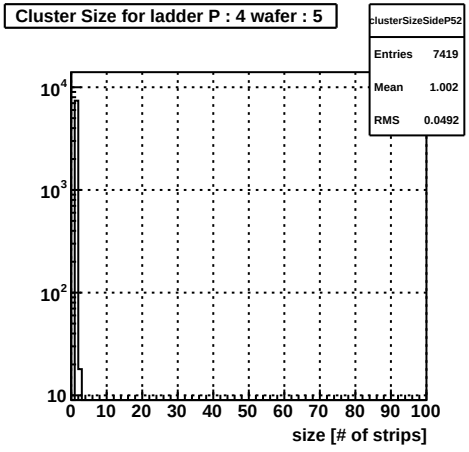

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 39889
Mean 1.034
RMS 0.1942
size [# of strips]

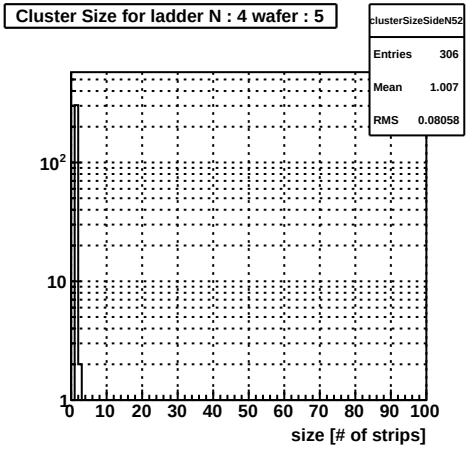

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1104
Mean 1.006
RMS 0.131
size [# of strips]

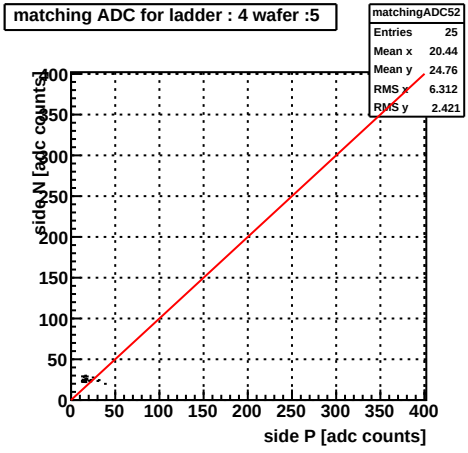

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 43
Mean x 20.77
Mean y 25.6
RMS x 5.126
RMS y 6.478
side N [adc counts]
side P [adc counts]

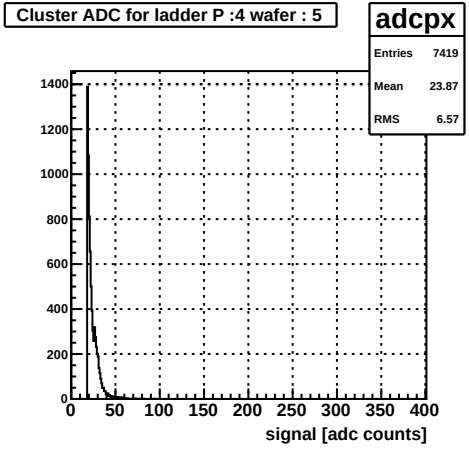

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 39889
Mean 28.27
RMS 9.362
signal [adc counts]

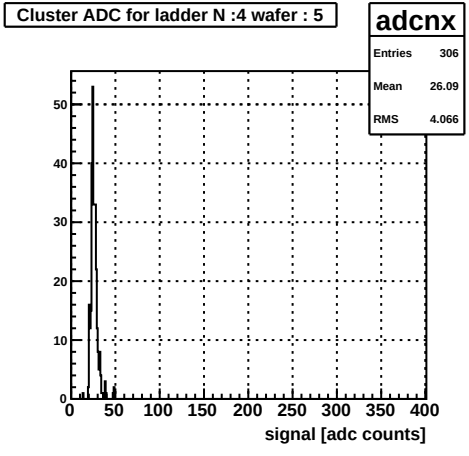

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1104
Mean 25.68
RMS 7.491
signal [adc counts]

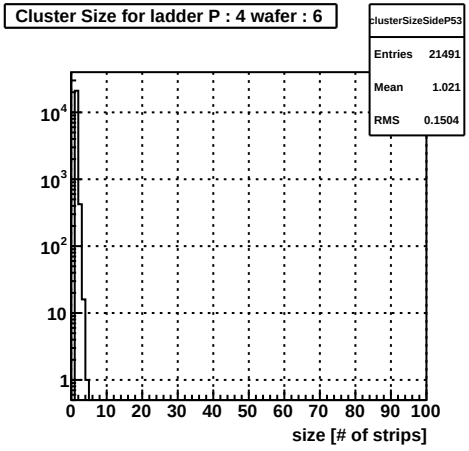

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7419
Mean 1.002
RMS 0.0492
size [# of strips]

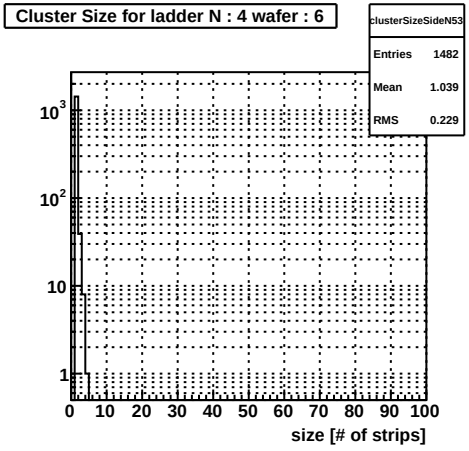

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 306
Mean 1.007
RMS 0.08058
size [# of strips]

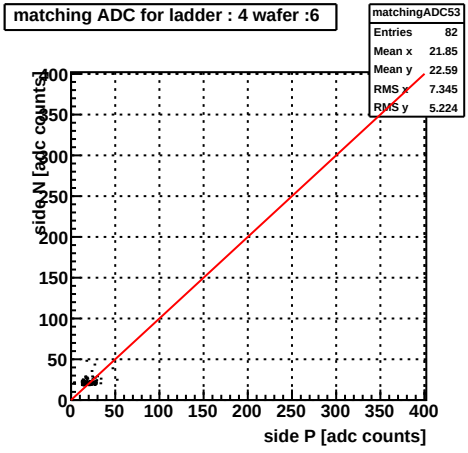

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 25
Mean x 20.44
Mean y 24.76
RMS x 6.312
RMS y 2.421
side N [adc counts]
side P [adc counts]

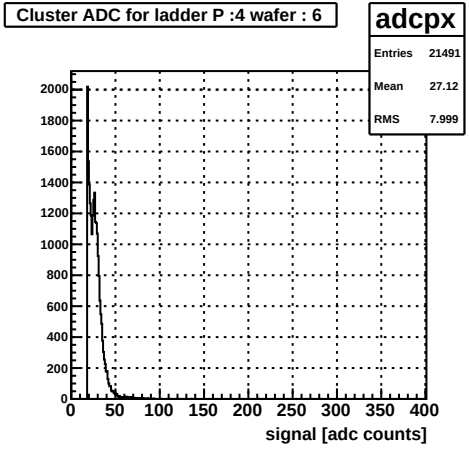

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7419
Mean 23.87
RMS 6.57
signal [adc counts]

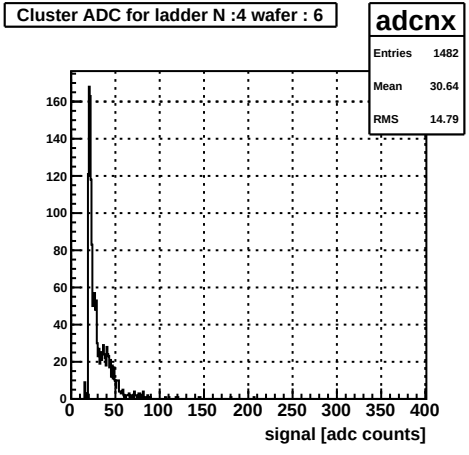

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 306
Mean 26.09
RMS 4.066
signal [adc counts]

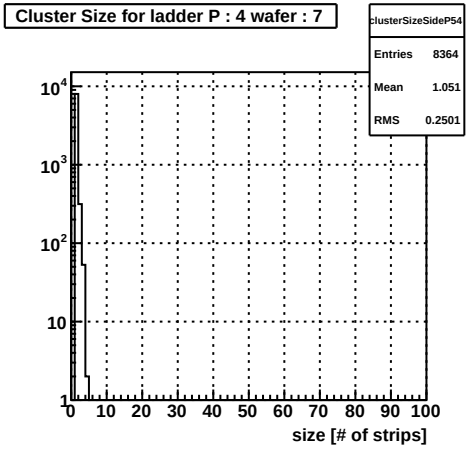

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 21491
Mean 1.021
RMS 0.1504
size [# of strips]

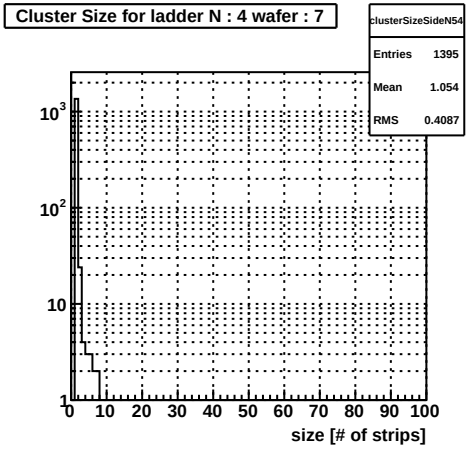

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 1482
Mean 1.039
RMS 0.229
size [# of strips]

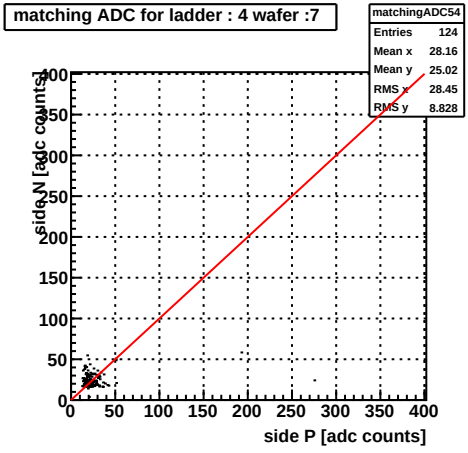

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 82
Mean x 21.85
Mean y 22.59
RMS x 7.345
RMS y 5.224
side N [adc counts]
side P [adc counts]

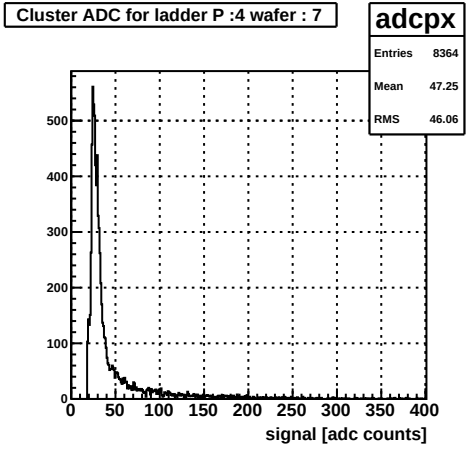

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 21491
Mean 27.12
RMS 7.999
signal [adc counts]

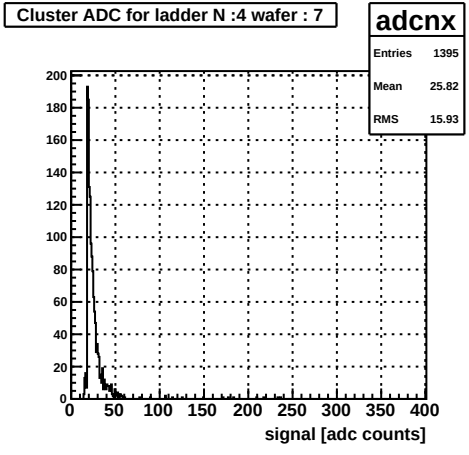

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 1482
Mean 30.64
RMS 14.79
signal [adc counts]

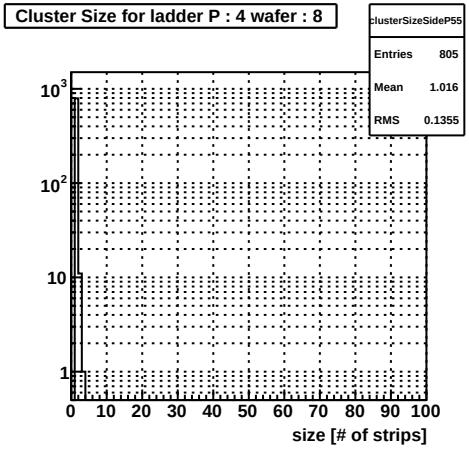

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8364
Mean 1.051
RMS 0.2501
size [# of strips]

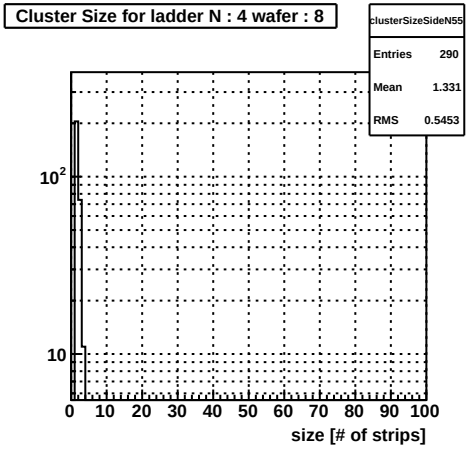

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1395
Mean 1.054
RMS 0.4087
size [# of strips]

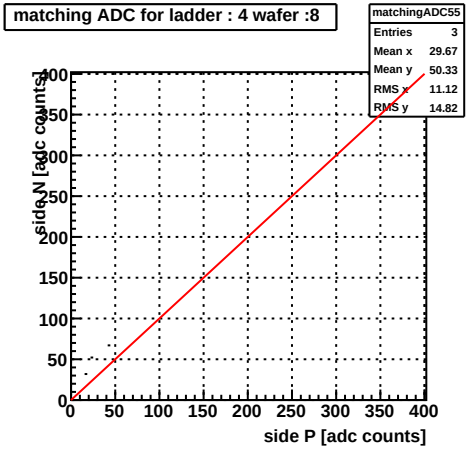

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 124
Mean x 28.16
Mean y 25.02
RMS x 28.45
RMS y 8.828
side N [adc counts]
side P [adc counts]

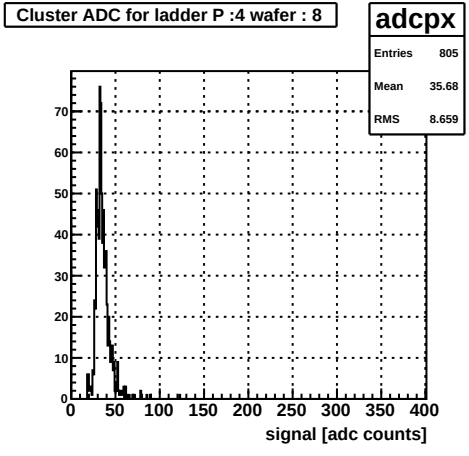

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8364
Mean 47.25
RMS 46.06
signal [adc counts]

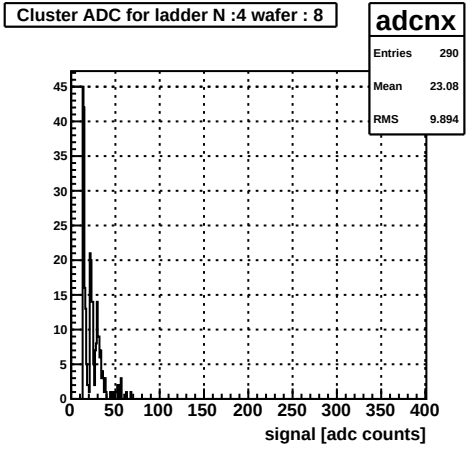

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1395
Mean 25.82
RMS 15.93
signal [adc counts]

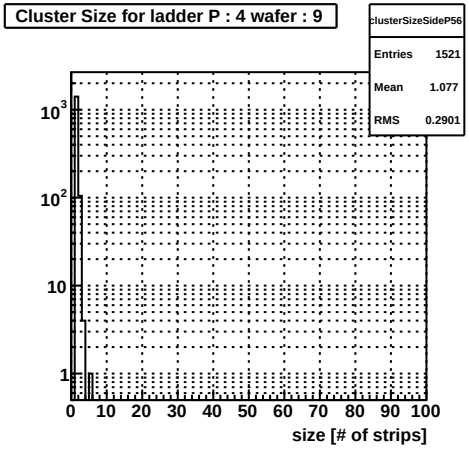

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 805
Mean 1.016
RMS 0.1355
size [# of strips]

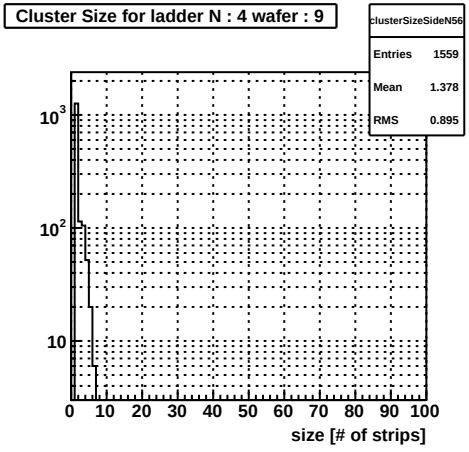

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 290
Mean 1.331
RMS 0.5453
size [# of strips]

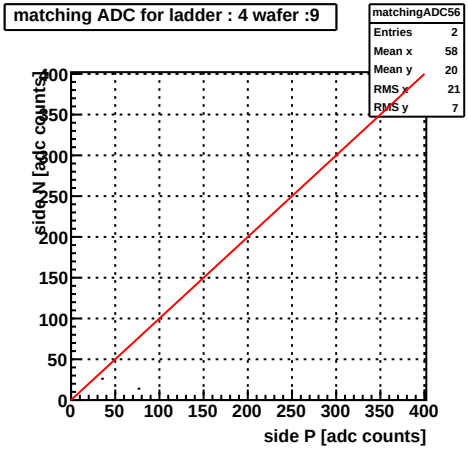

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 29.67
Mean y 50.33
RMS x 11.12
RMS y 14.82
side N [adc counts]
side P [adc counts]

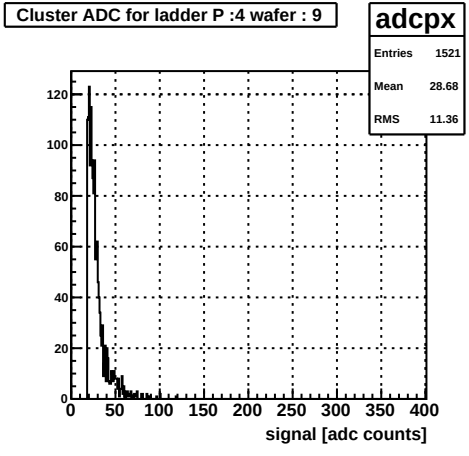

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 805
Mean 35.68
RMS 8.659
signal [adc counts]

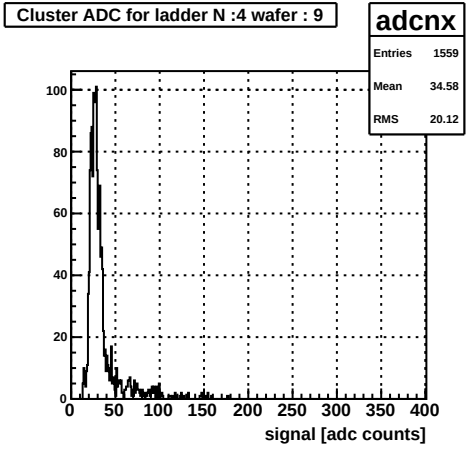

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 290
Mean 23.08
RMS 9.894
signal [adc counts]

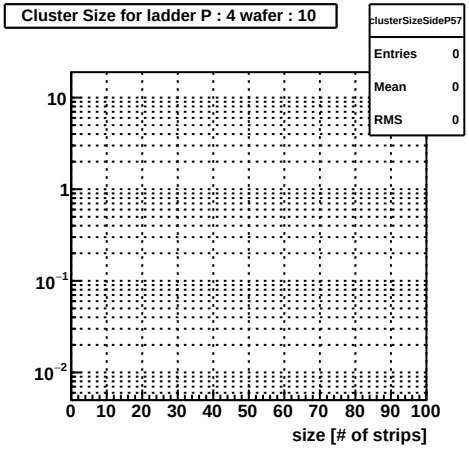

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1521
Mean 1.077
RMS 0.2901
size [# of strips]

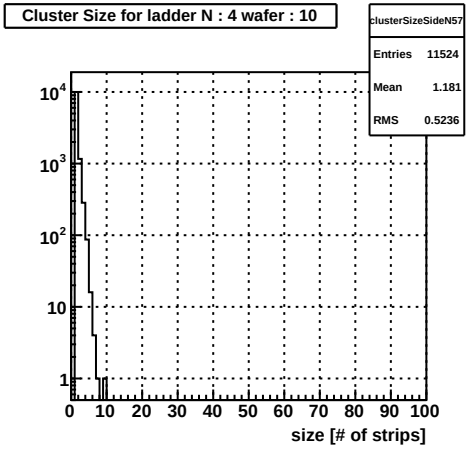

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1559
Mean 1.378
RMS 0.895
size [# of strips]

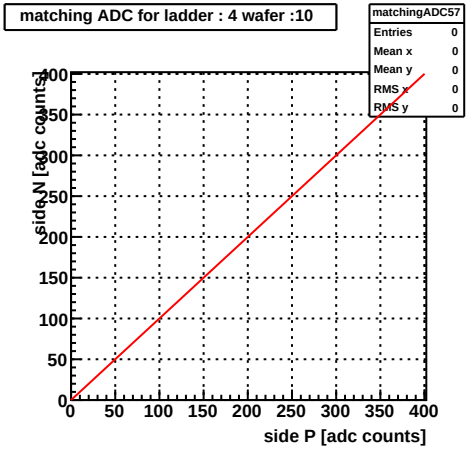

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 2
Mean x 58
Mean y 20
RMS x 21
RMS y 7
side N [adc counts]
side P [adc counts]

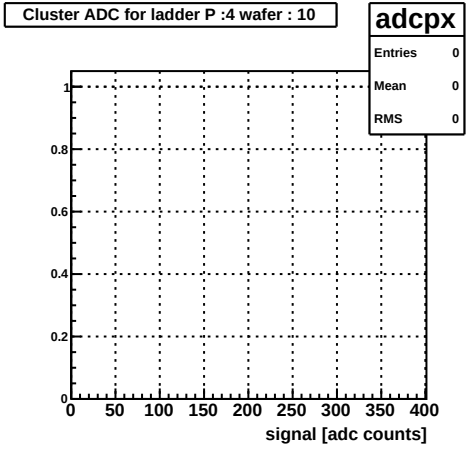

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1521
Mean 28.68
RMS 11.36
signal [adc counts]

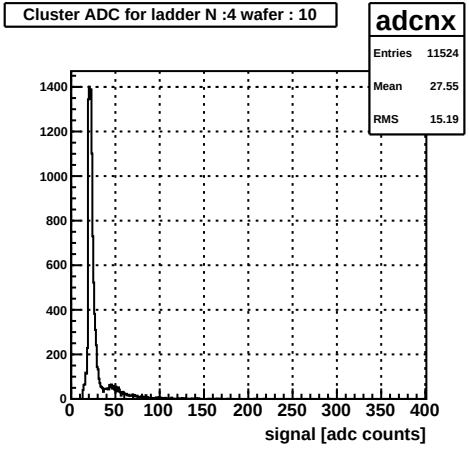

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1559
Mean 34.58
RMS 20.12
signal [adc counts]

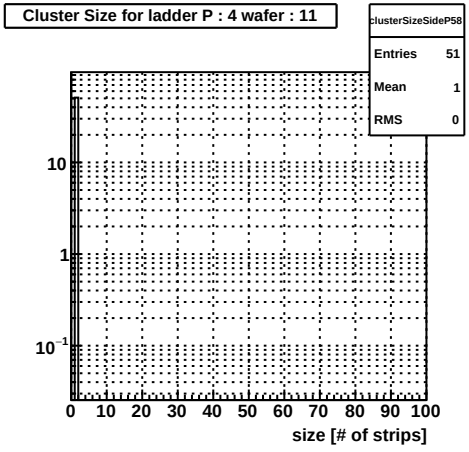

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

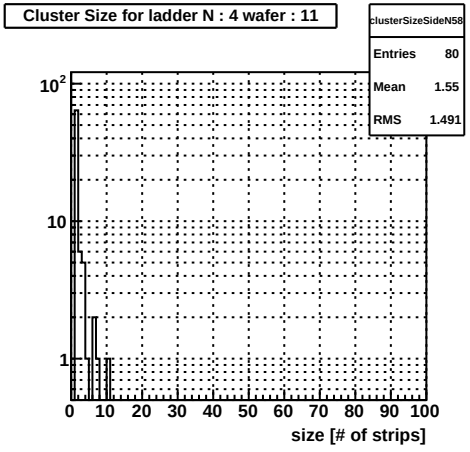

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11524
Mean 1.181
RMS 0.5236
size [# of strips]

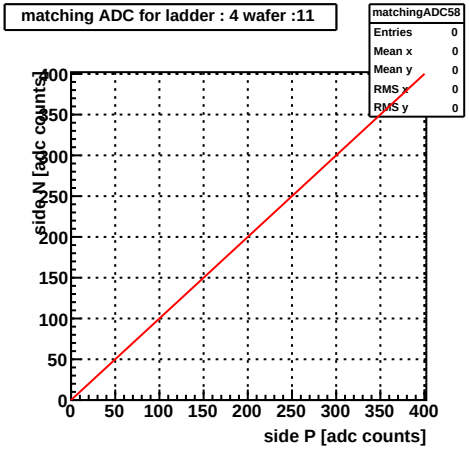

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

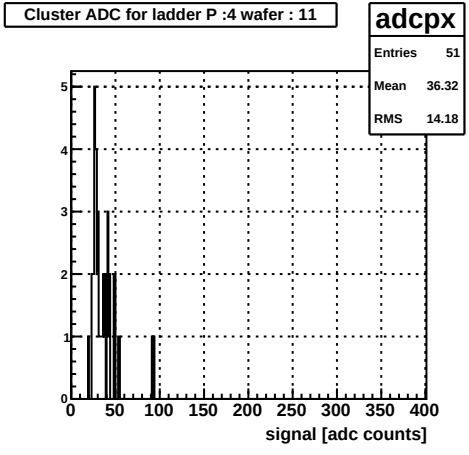

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

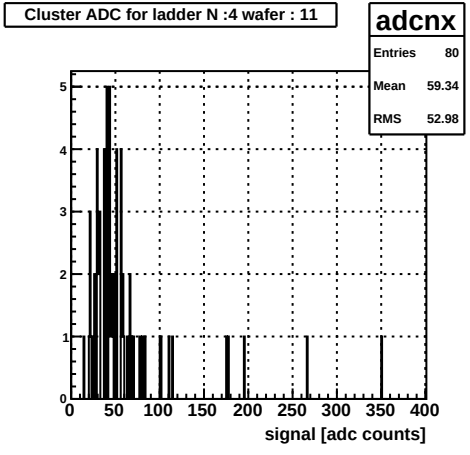

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11524
Mean 27.55
RMS 15.19
signal [adc counts]

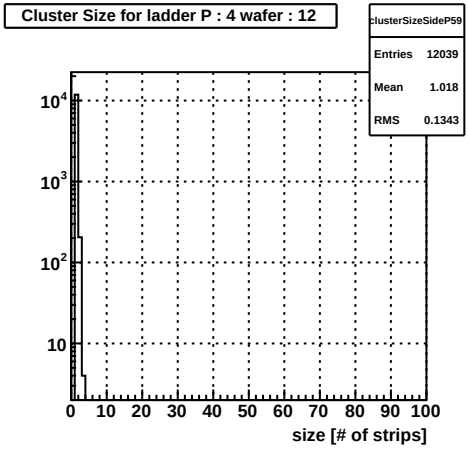

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 51
Mean 1
RMS 0
size [# of strips]

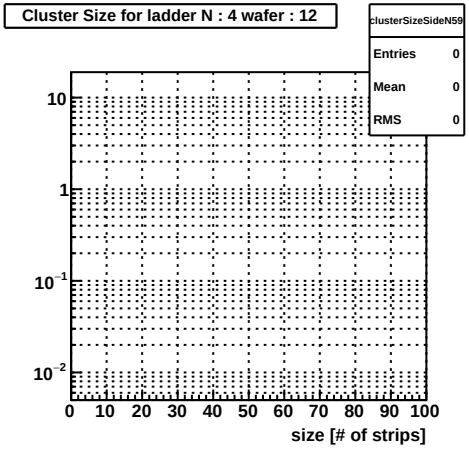

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 80
Mean 1.55
RMS 1.491
size [# of strips]

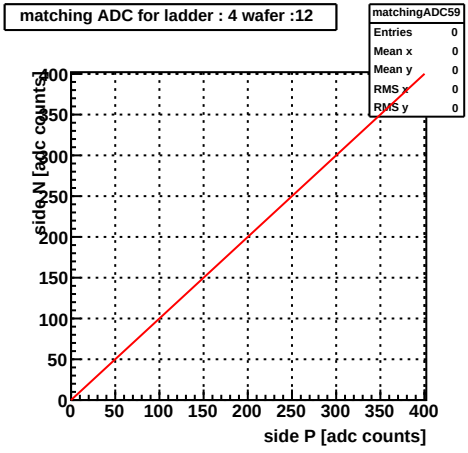

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

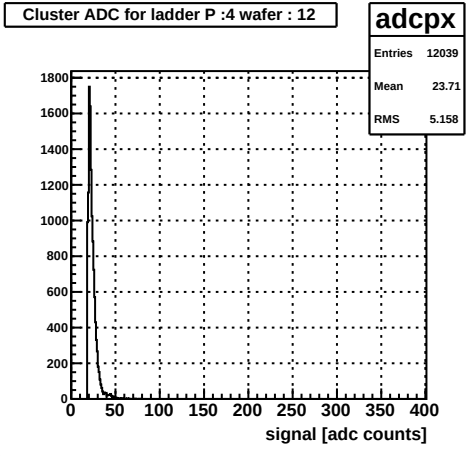

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 51
Mean 36.32
RMS 14.18
signal [adc counts]

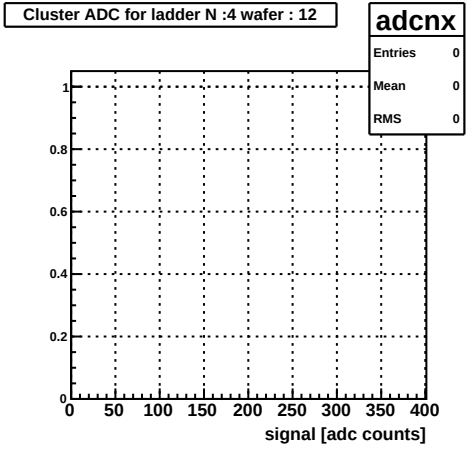

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 80
Mean 59.34
RMS 52.98
signal [adc counts]

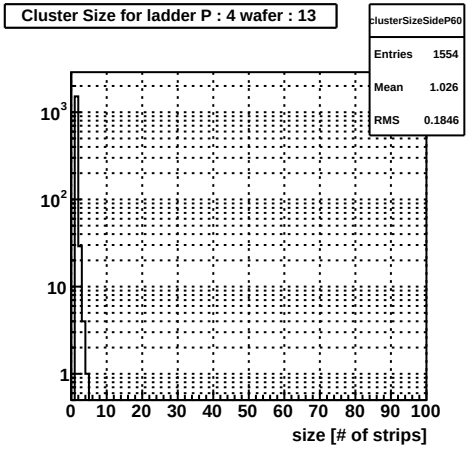

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12039
Mean 1.018
RMS 0.1343
size [# of strips]

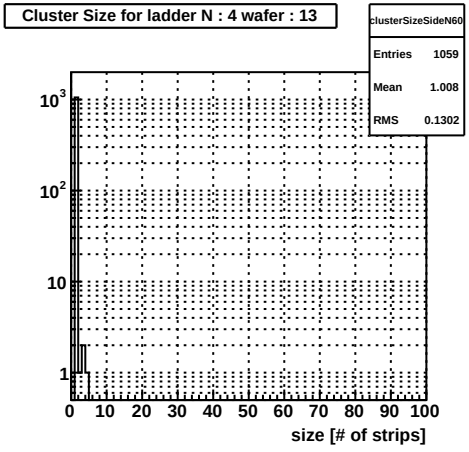

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 0
Mean 0
RMS 0
size [# of strips]

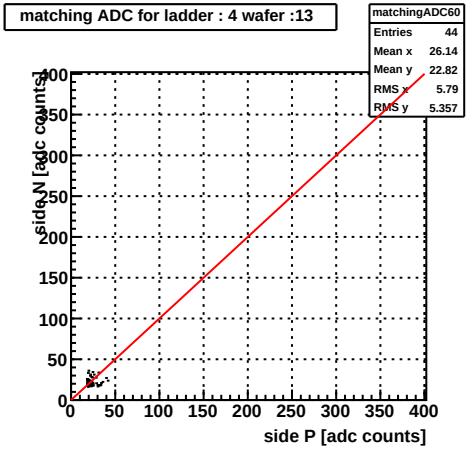

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

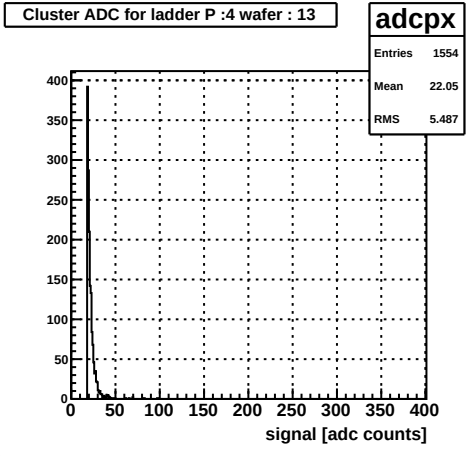

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12039
Mean 23.71
RMS 5.158
signal [adc counts]

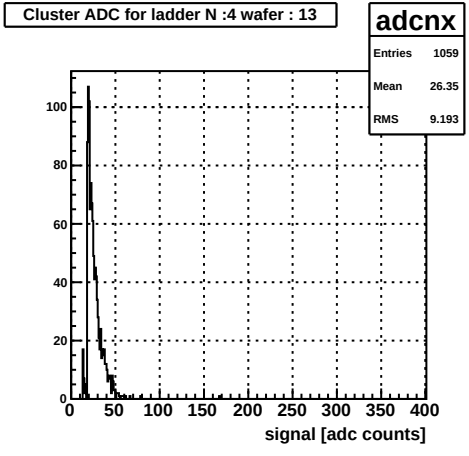

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

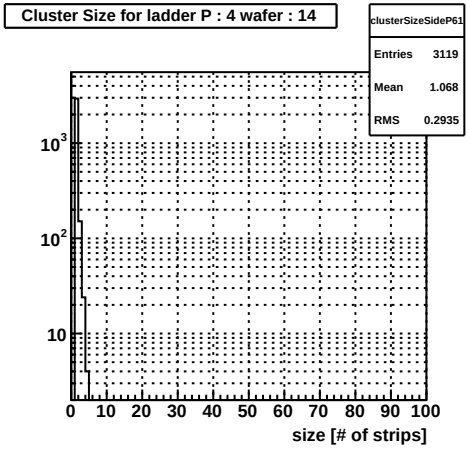

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1554
Mean 1.026
RMS 0.1846
size [# of strips]

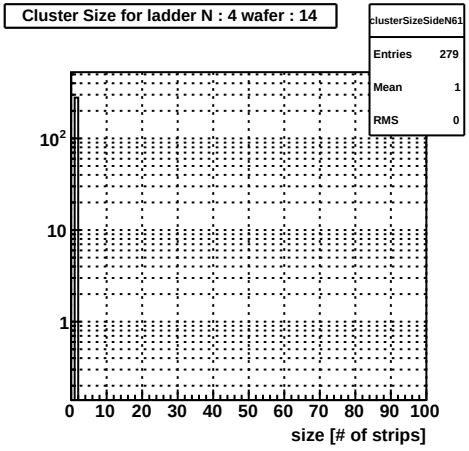

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1059
Mean 1.008
RMS 0.1302
size [# of strips]

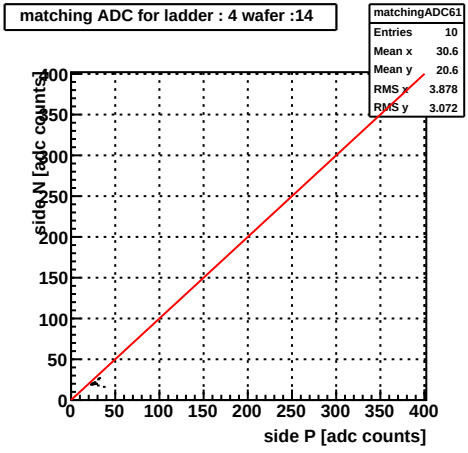

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 44
Mean x 26.14
Mean y 22.82
RMS x 5.79
RMS y 5.357
side N [adc counts]
side P [adc counts]

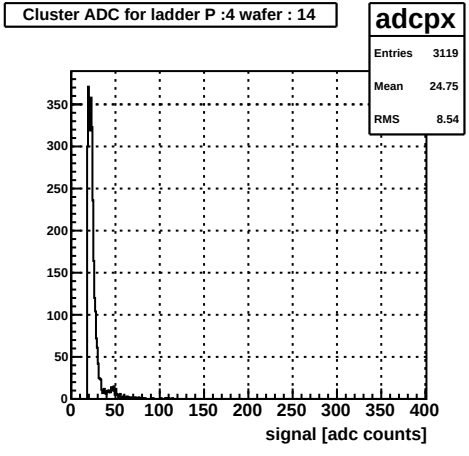

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1554
Mean 22.05
RMS 5.487
signal [adc counts]

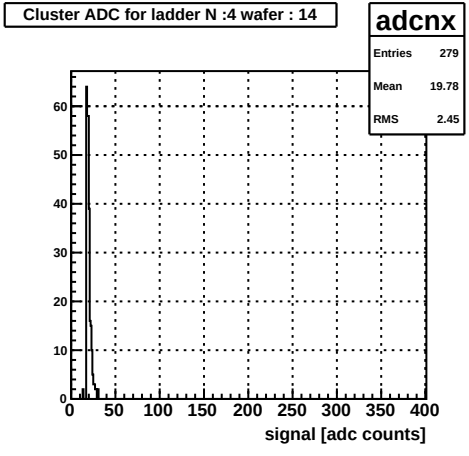

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1059
Mean 26.35
RMS 9.193
signal [adc counts]

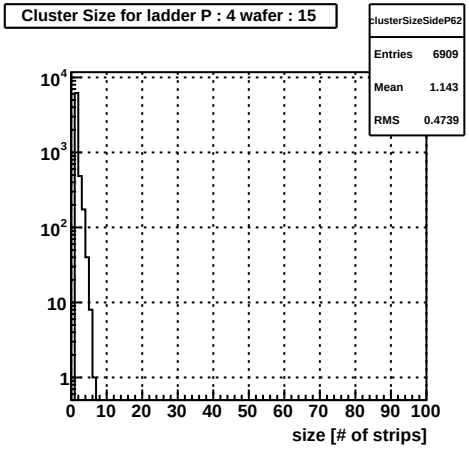

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 3119
Mean 1.068
RMS 0.2935
size [# of strips]

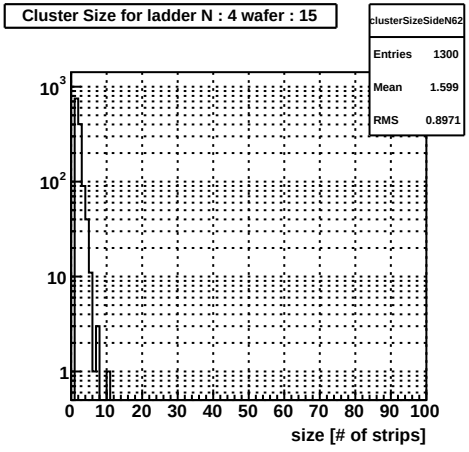

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 279
Mean 1
RMS 0
size [# of strips]

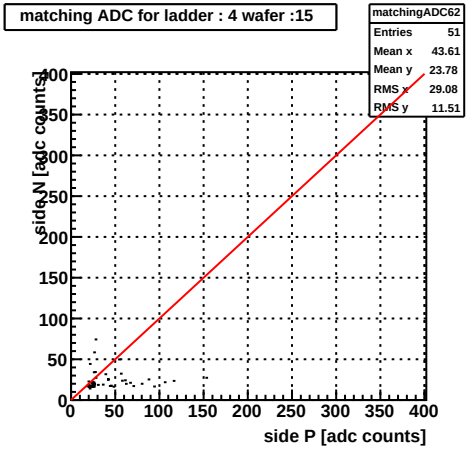

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 10
Mean x 30.6
Mean y 20.6
RMS x 3.878
RMS y 3.072
side N [adc counts]
side P [adc counts]

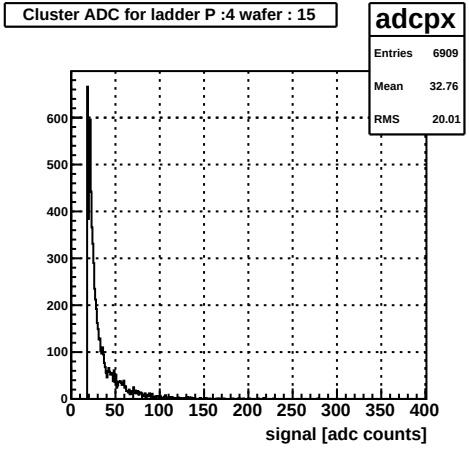

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 3119
Mean 24.75
RMS 8.54
signal [adc counts]

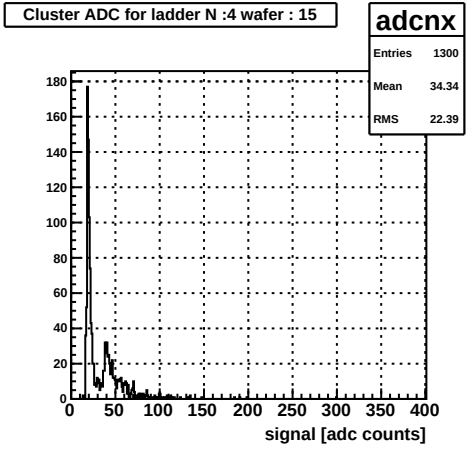

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 279
Mean 19.78
RMS 2.45
signal [adc counts]

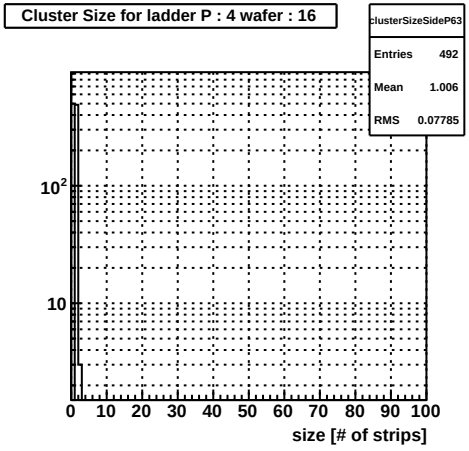

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6909
Mean 1.143
RMS 0.4739
size [# of strips]

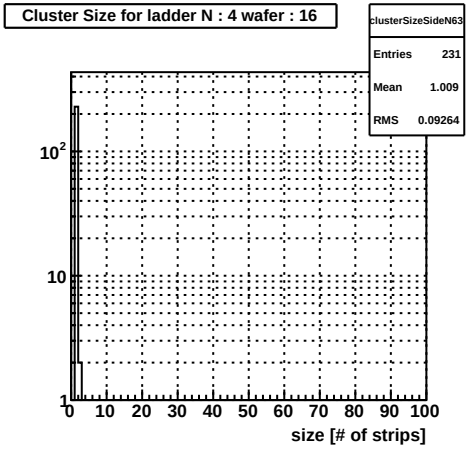

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1300
Mean 1.599
RMS 0.8971
size [# of strips]

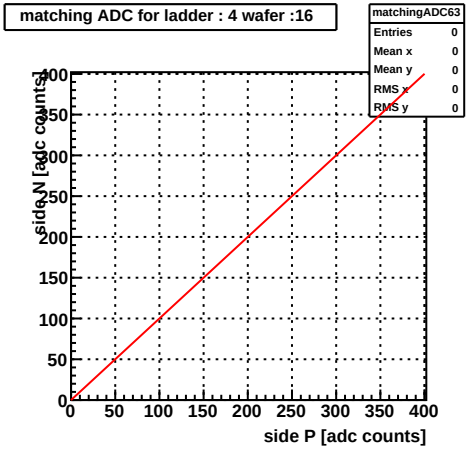

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 51
Mean x 43.61
Mean y 23.78
RMS x 29.08
RMS y 11.51
side N [adc counts]
side P [adc counts]

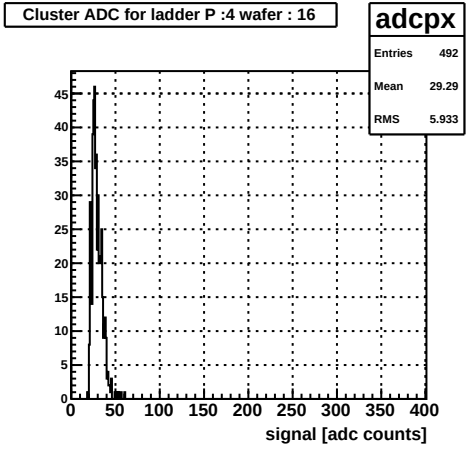

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6909
Mean 32.76
RMS 20.01
signal [adc counts]

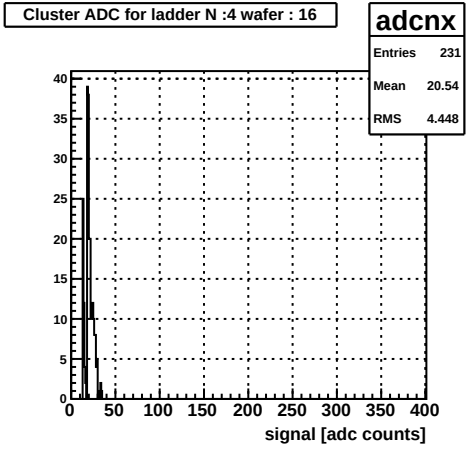

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1300
Mean 34.34
RMS 22.39
signal [adc counts]

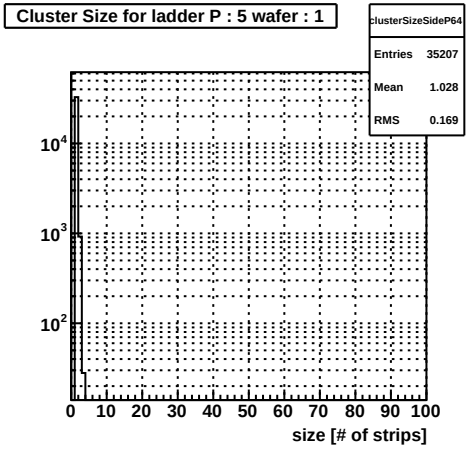

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 492
Mean 1.006
RMS 0.07785
size [# of strips]

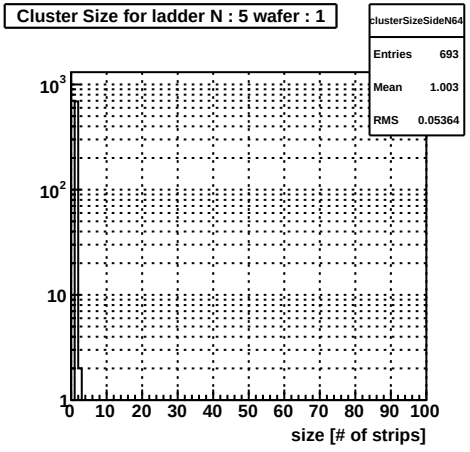

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 231
Mean 1.009
RMS 0.09264
size [# of strips]

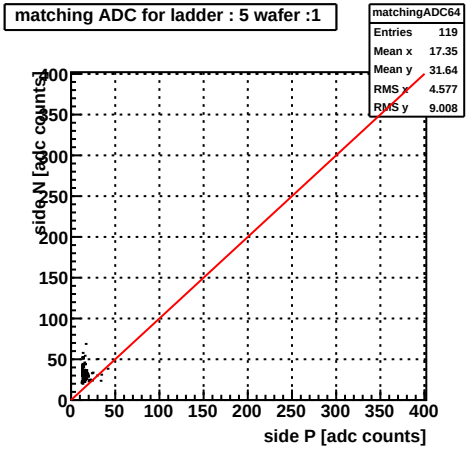

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

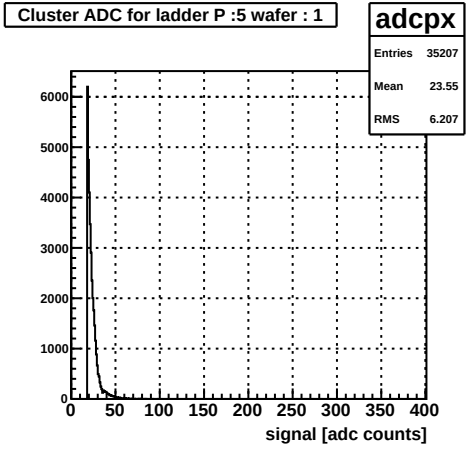

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 492
Mean 29.29
RMS 5.933
signal [adc counts]

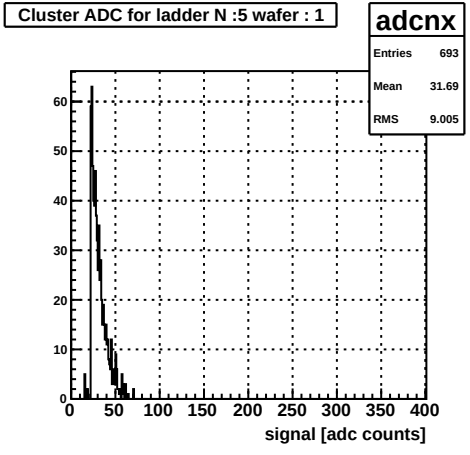

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 231
Mean 20.54
RMS 4.448
signal [adc counts]

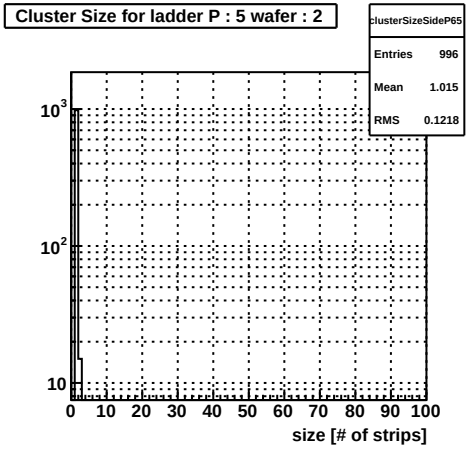

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 35207
Mean 1.028
RMS 0.169
size [# of strips]

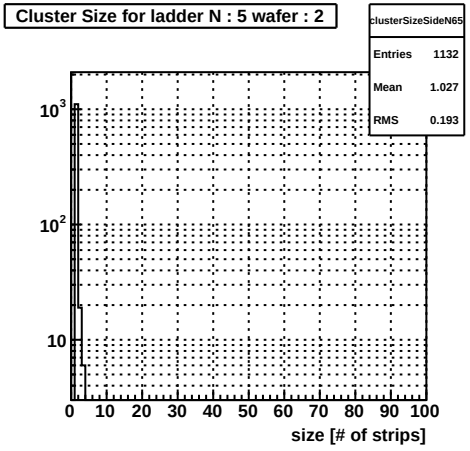

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 693
Mean 1.003
RMS 0.05364
size [# of strips]

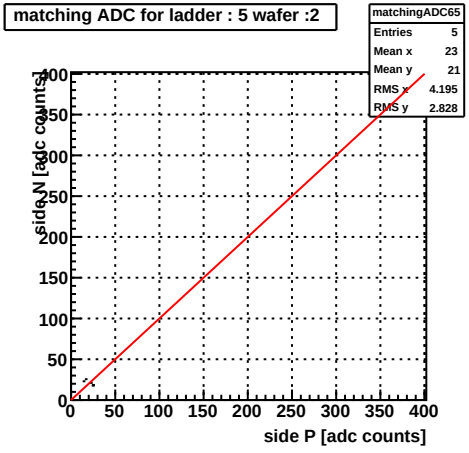

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 119
Mean x 17.35
Mean y 31.64
RMS x 4.577
RMS y 9.008
side N [adc counts]
side P [adc counts]

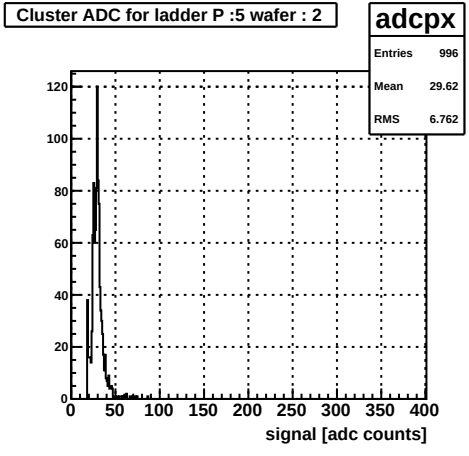

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 35207
Mean 23.55
RMS 6.207
signal [adc counts]

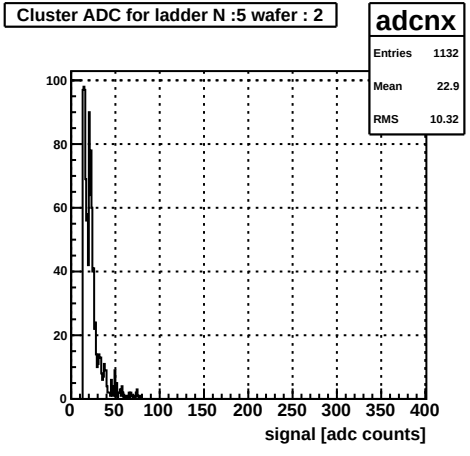

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 693
Mean 31.69
RMS 9.005
signal [adc counts]

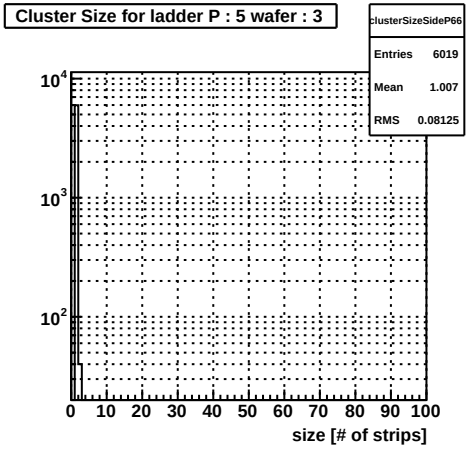

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 996
Mean 1.015
RMS 0.1218
size [# of strips]

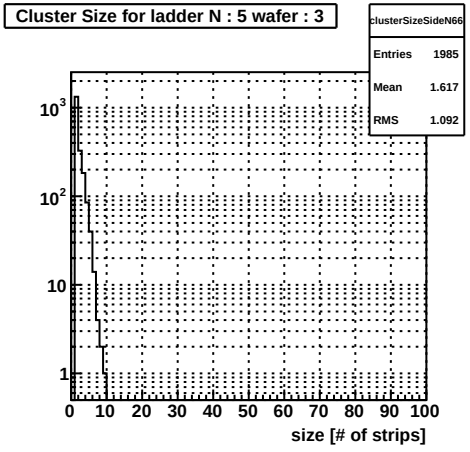

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1132
Mean 1.027
RMS 0.193
size [# of strips]

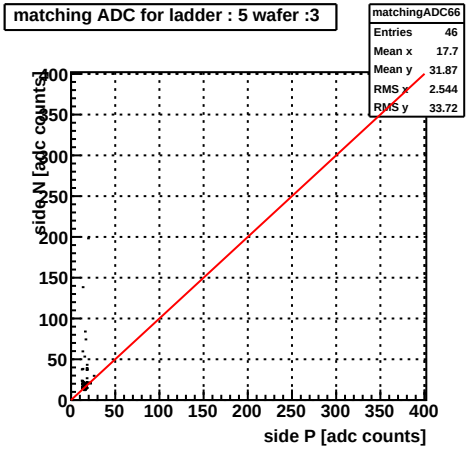

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 5
Mean x 23
Mean y 21
RMS x 4.195
RMS y 2.828
side N [adc counts]
side P [adc counts]

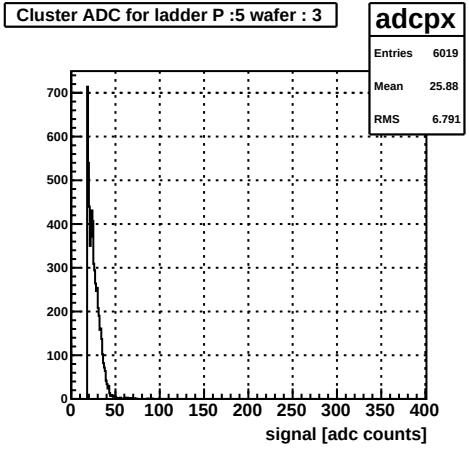

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 996
Mean 29.62
RMS 6.762
signal [adc counts]

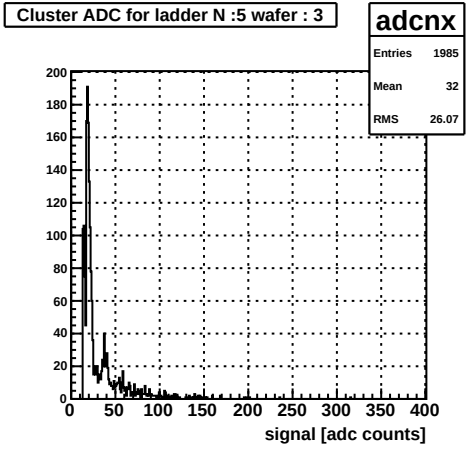

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1132
Mean 22.9
RMS 10.32
signal [adc counts]

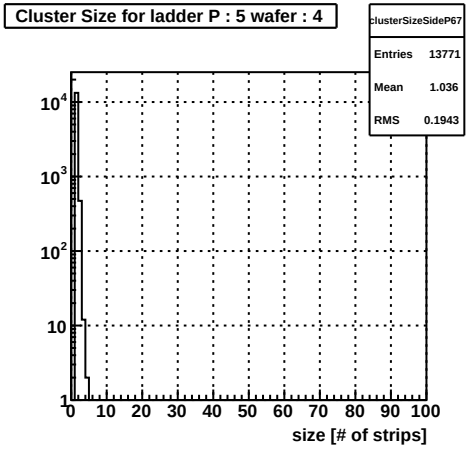

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6019
Mean 1.007
RMS 0.08125
size [# of strips]

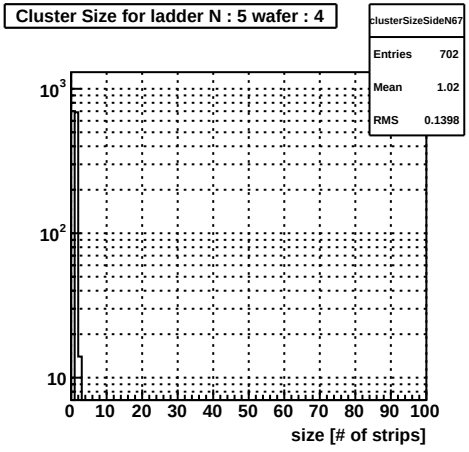

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1985
Mean 1.617
RMS 1.092
size [# of strips]

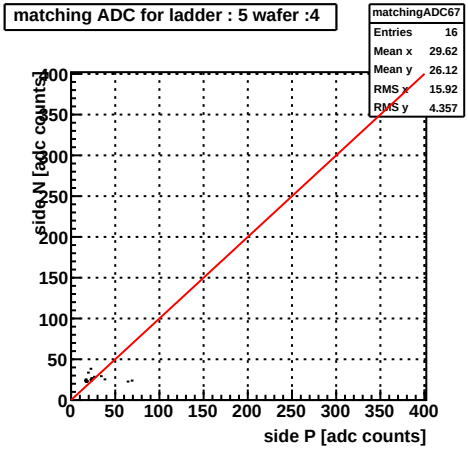

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 46
Mean x 17.7
Mean y 31.87
RMS x 2.544
RMS y 33.72
side N [adc counts]
side P [adc counts]

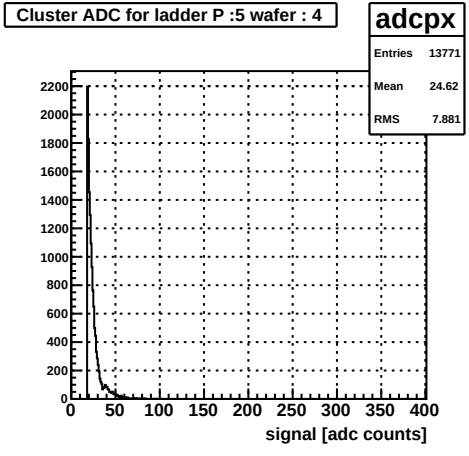

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6019
Mean 25.88
RMS 6.791
signal [adc counts]

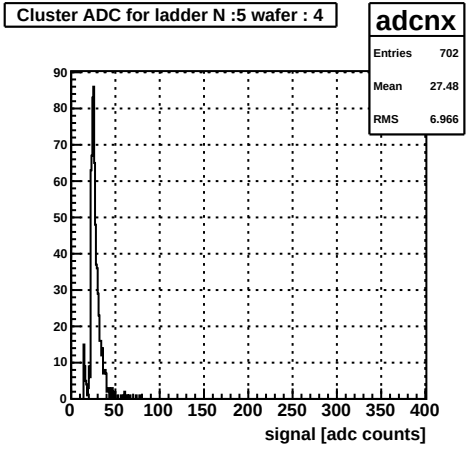

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1985
Mean 32
RMS 26.07
signal [adc counts]

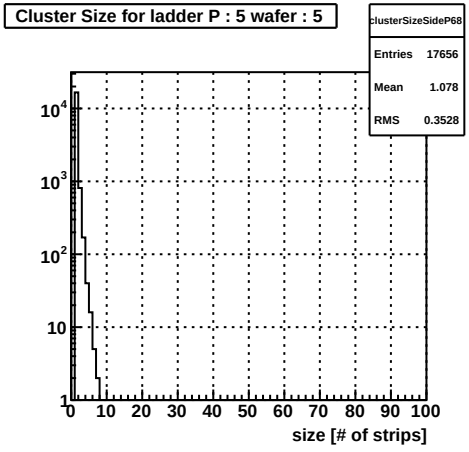

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 13771
Mean 1.036
RMS 0.1943
size [# of strips]

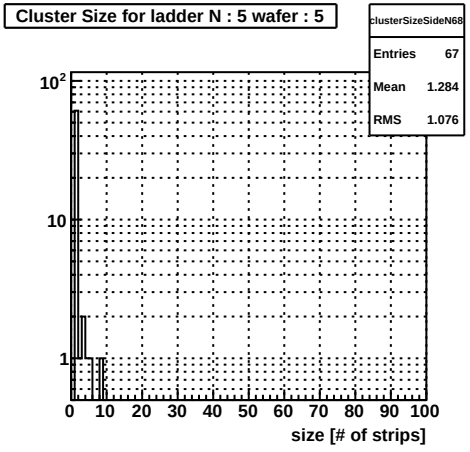

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 702
Mean 1.02
RMS 0.1398
size [# of strips]

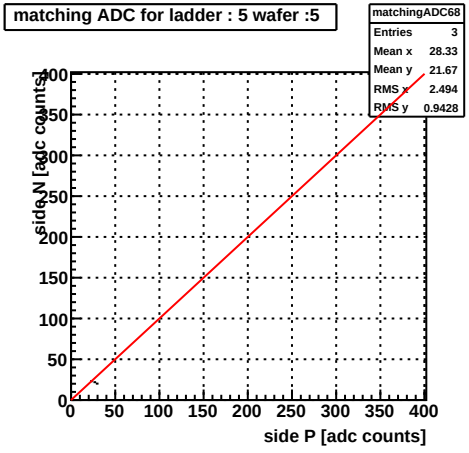

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 16
Mean x 29.62
Mean y 26.12
RMS x 15.92
RMS y 4.357
side N [adc counts]
side P [adc counts]

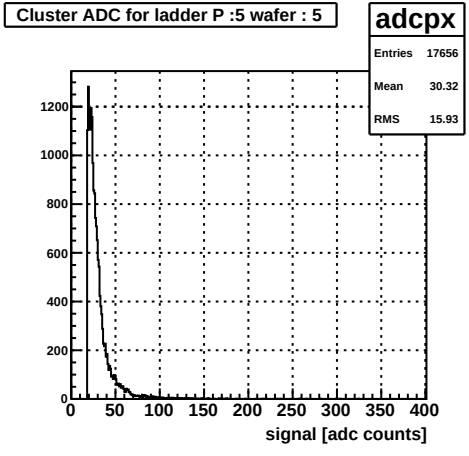

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 13771
Mean 24.62
RMS 7.881
signal [adc counts]

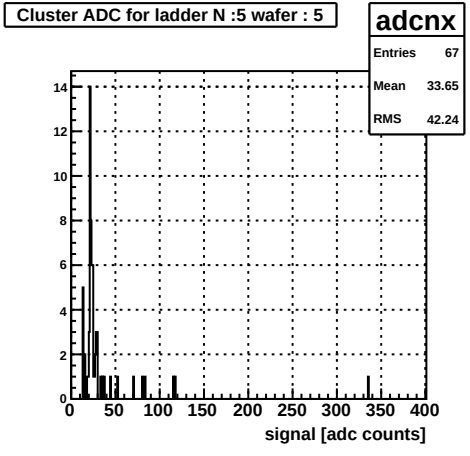

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 702
Mean 27.48
RMS 6.966
signal [adc counts]

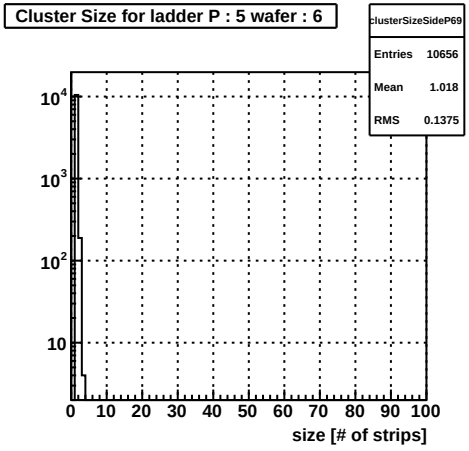

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 17656
Mean 1.078
RMS 0.3528
size [# of strips]

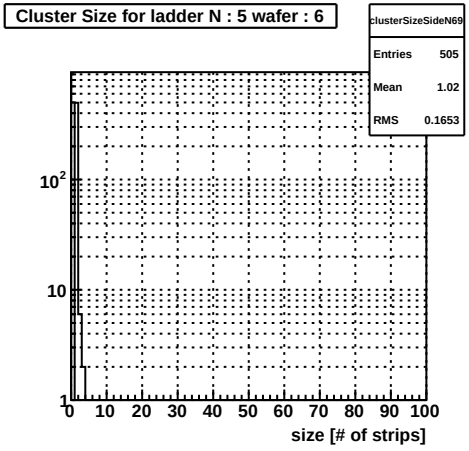

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 67
Mean 1.284
RMS 1.076
size [# of strips]

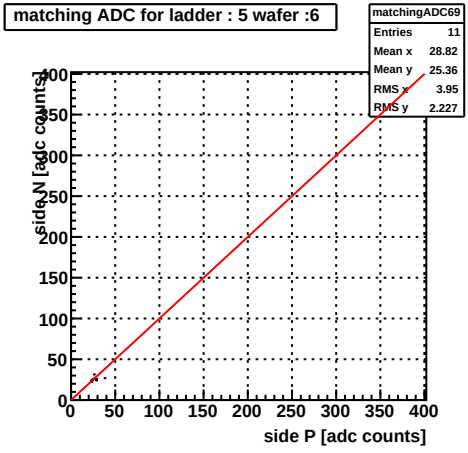

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 3
Mean x 28.33
Mean y 21.67
RMS x 2.494
RMS y 0.9428
side N [adc counts]
side P [adc counts]

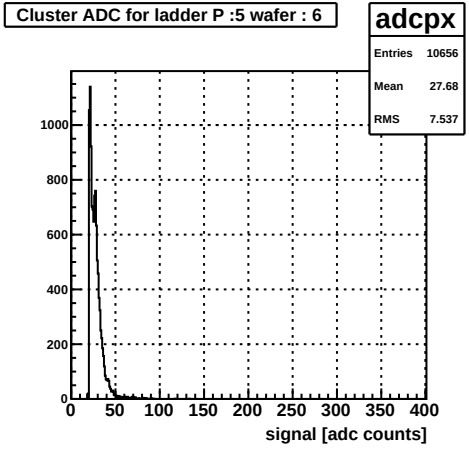

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 17656
Mean 30.32
RMS 15.93
signal [adc counts]

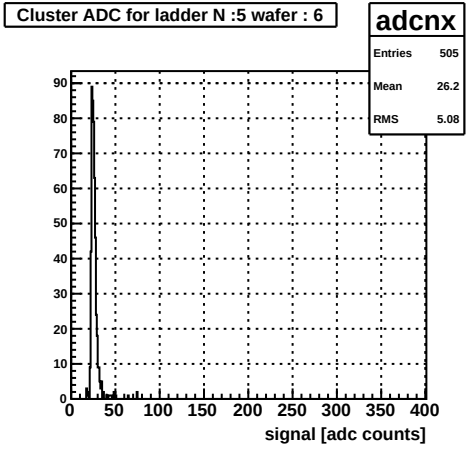

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 67
Mean 33.65
RMS 42.24
signal [adc counts]

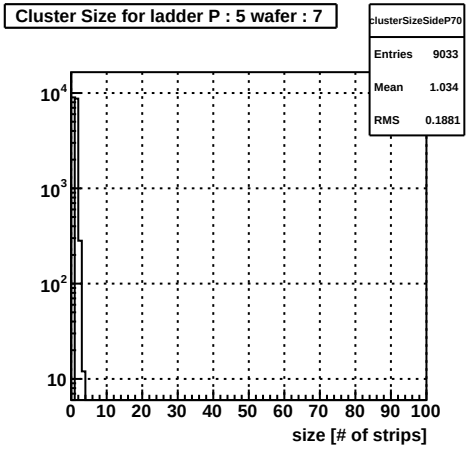

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10656
Mean 1.018
RMS 0.1375
size [# of strips]

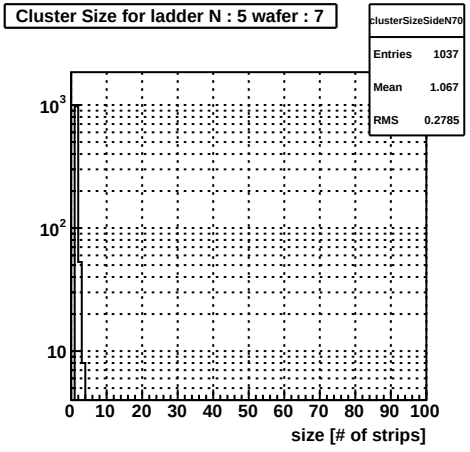

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 505
Mean 1.02
RMS 0.1653
size [# of strips]

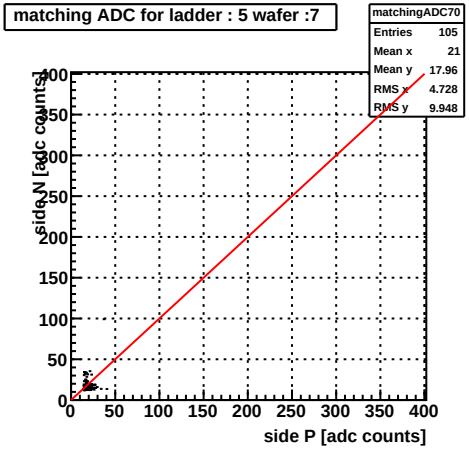

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 11
Mean x 28.82
Mean y 25.36
RMS x 3.95
RMS y 2.227
side N [adc counts]
side P [adc counts]

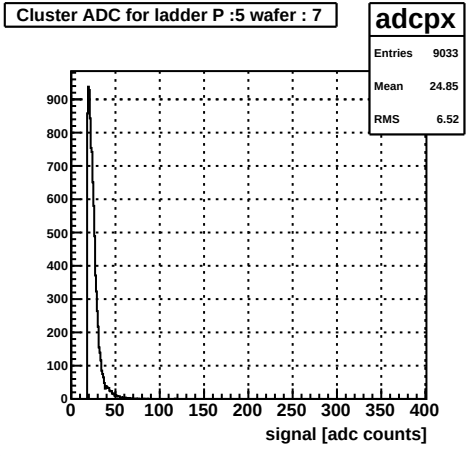

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10656
Mean 27.68
RMS 7.537
signal [adc counts]

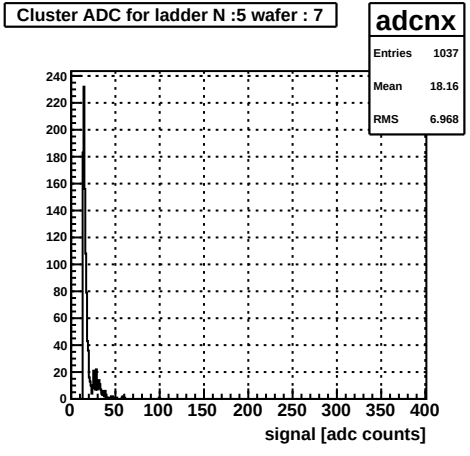

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 505
Mean 26.2
RMS 5.08
signal [adc counts]

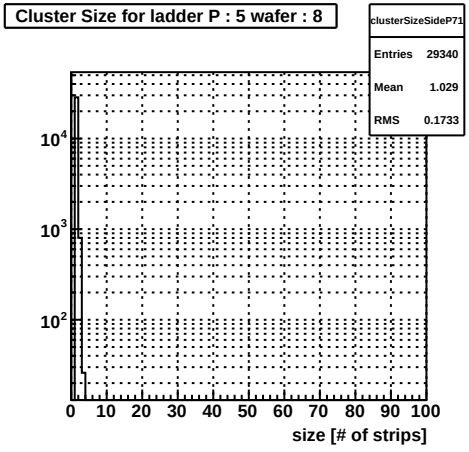

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9033
Mean 1.034
RMS 0.1881
size [# of strips]

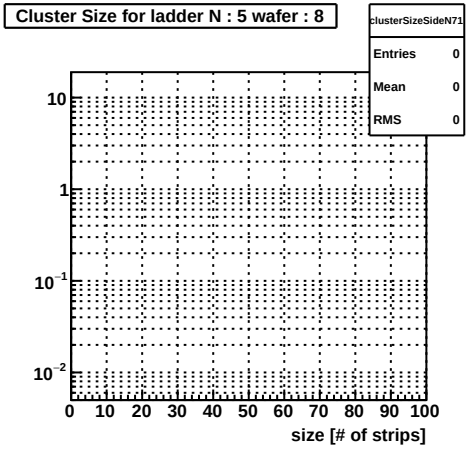

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1037
Mean 1.067
RMS 0.2785
size [# of strips]

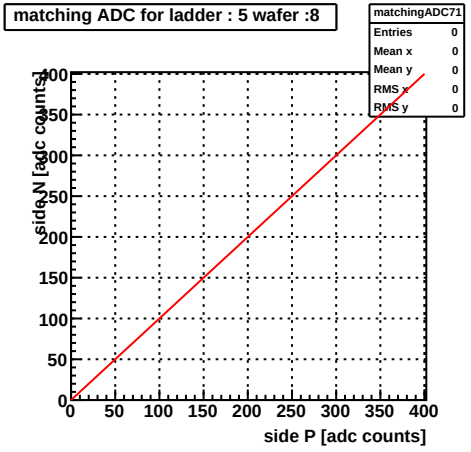

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 105
Mean x 21
Mean y 17.96
RMS x 4.728
RMS y 9.948
side N [adc counts]
side P [adc counts]

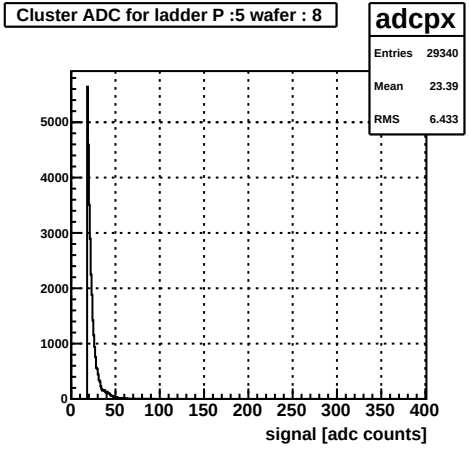

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9033
Mean 24.85
RMS 6.52
signal [adc counts]

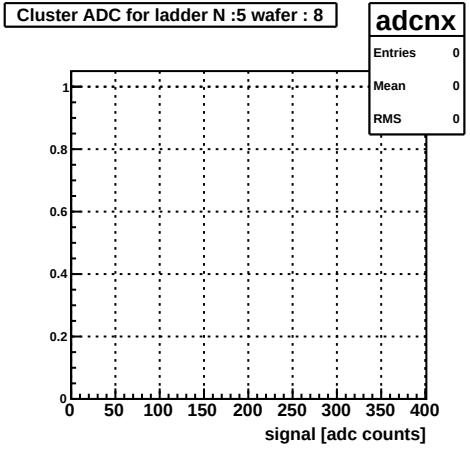

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1037
Mean 18.16
RMS 6.968
signal [adc counts]

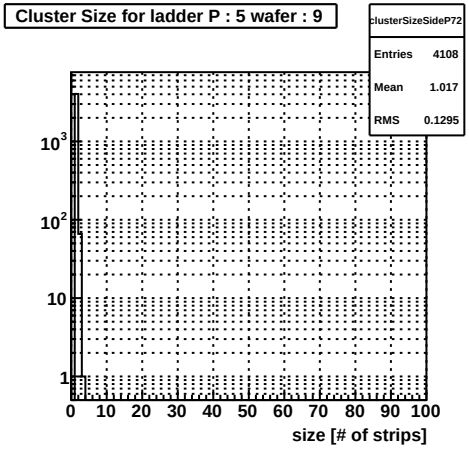

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 29340
Mean 1.029
RMS 0.1733
size [# of strips]

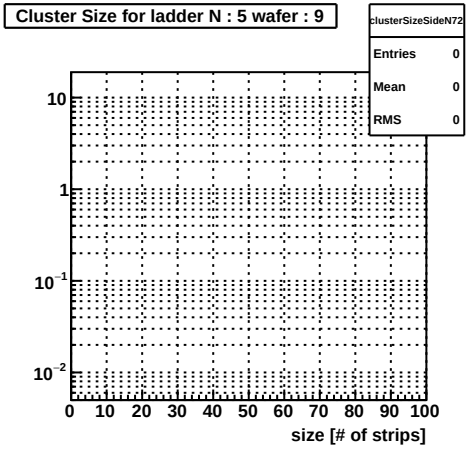

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

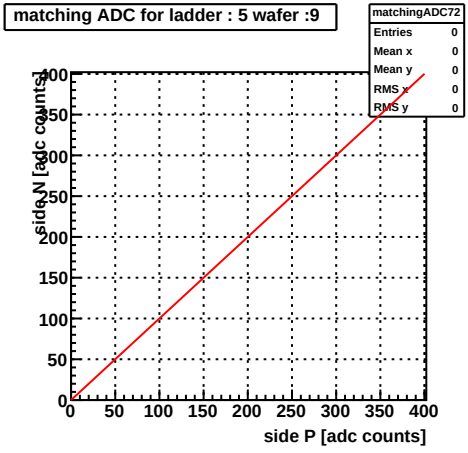

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

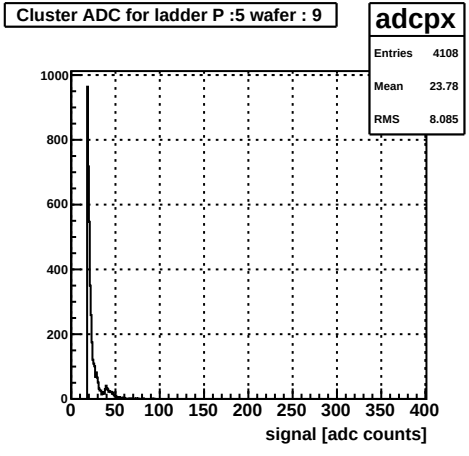

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 29340
Mean 23.39
RMS 6.433
signal [adc counts]

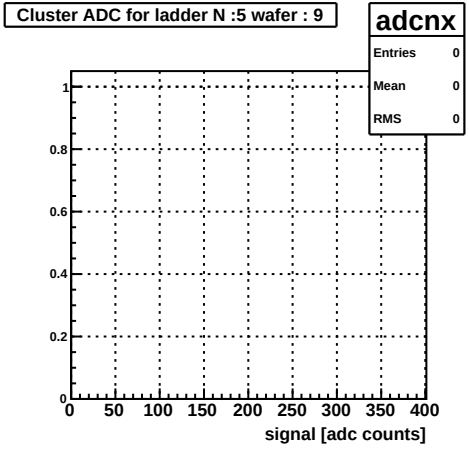

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

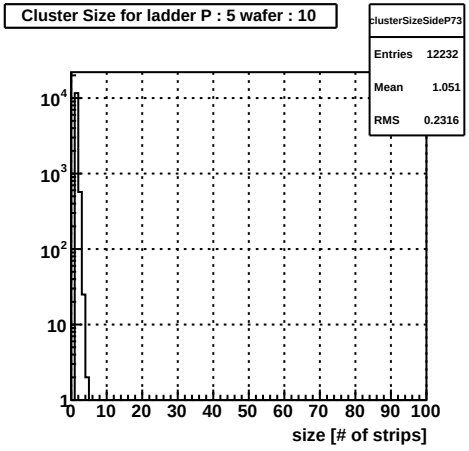

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4108
Mean 1.017
RMS 0.1295
size [# of strips]

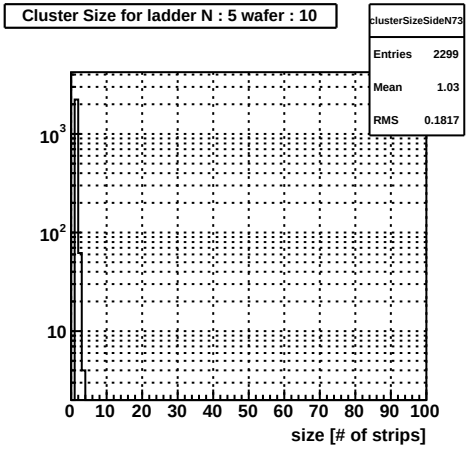

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

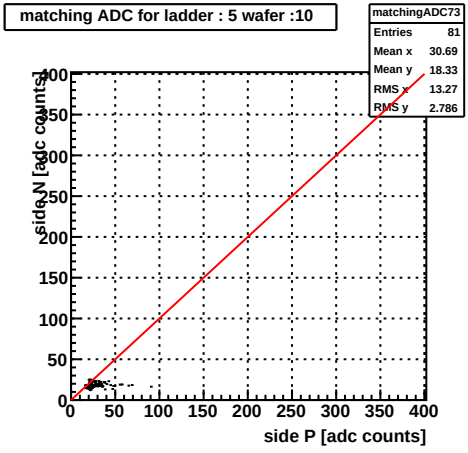

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

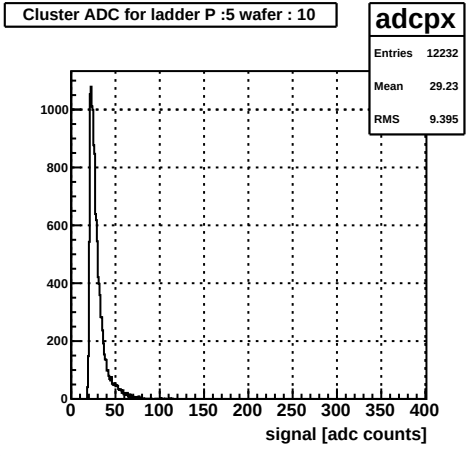

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4108
Mean 23.78
RMS 8.085
signal [adc counts]

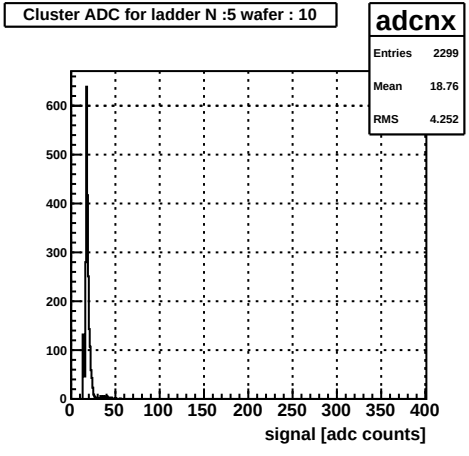

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

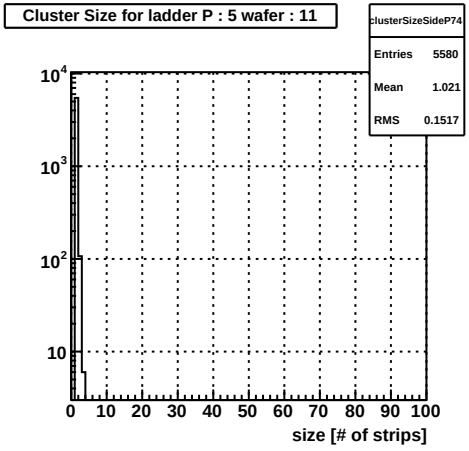

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 12232
Mean 1.051
RMS 0.2316
size [# of strips]

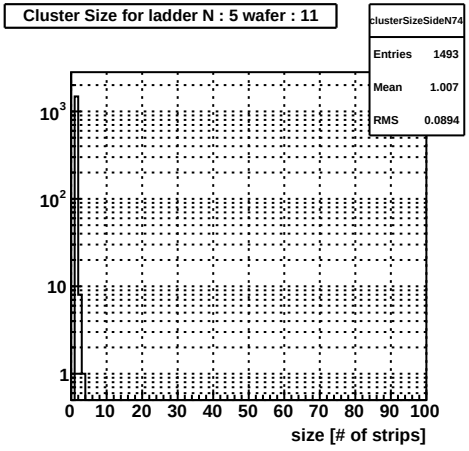

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 2299
Mean 1.03
RMS 0.1817
size [# of strips]

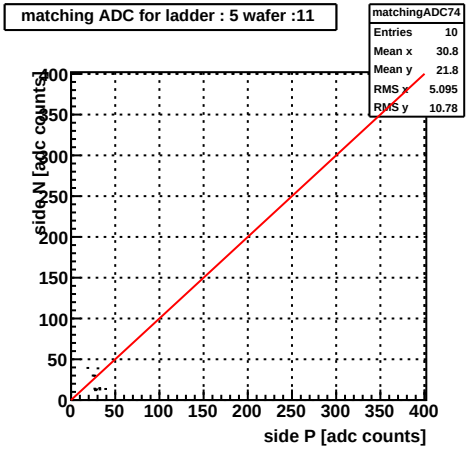

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 81
Mean x 30.69
Mean y 18.33
RMS x 13.27
RMS y 2.786
side N [adc counts]
side P [adc counts]

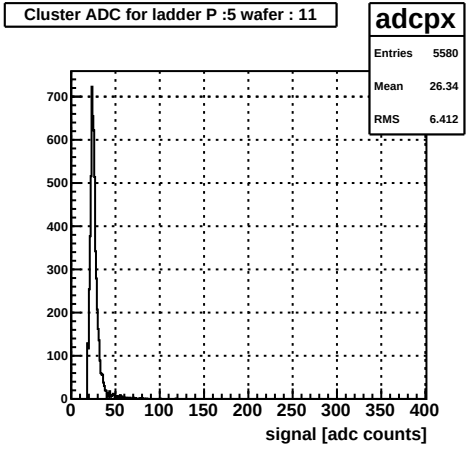

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 12232
Mean 29.23
RMS 9.395
signal [adc counts]

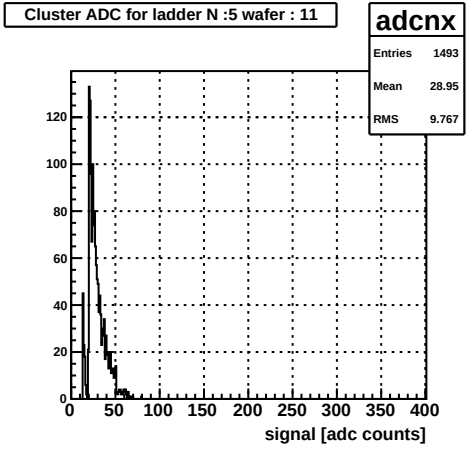

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 2299
Mean 18.76
RMS 4.252
signal [adc counts]

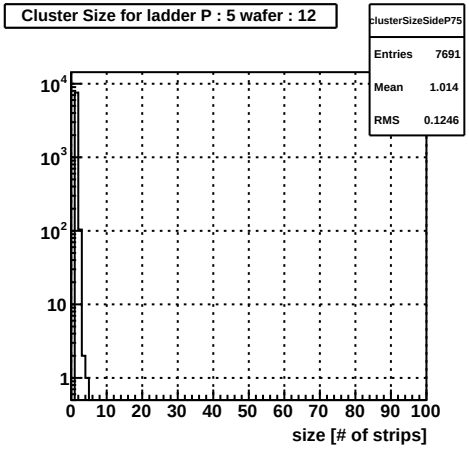

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5580
Mean 1.021
RMS 0.1517
size [# of strips]

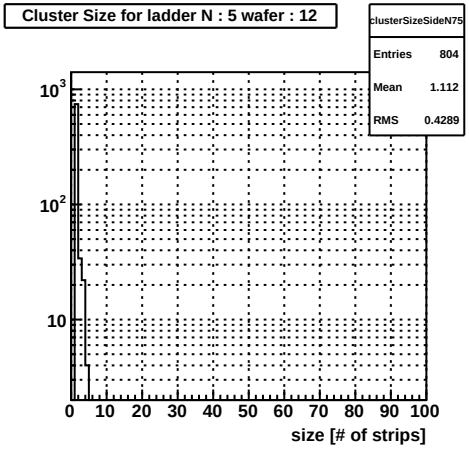

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1493
Mean 1.007
RMS 0.0894
size [# of strips]

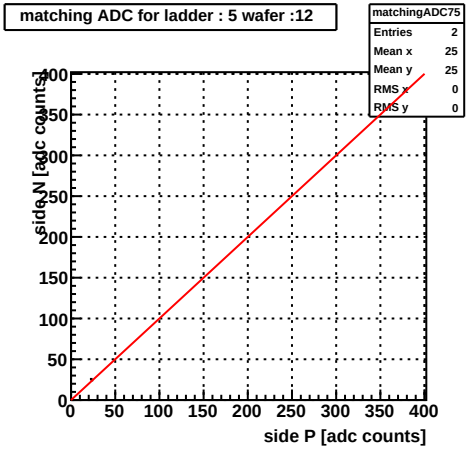

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 10
Mean x 30.8
Mean y 21.8
RMS x 5.095
RMS y 10.78
side N [adc counts]
side P [adc counts]

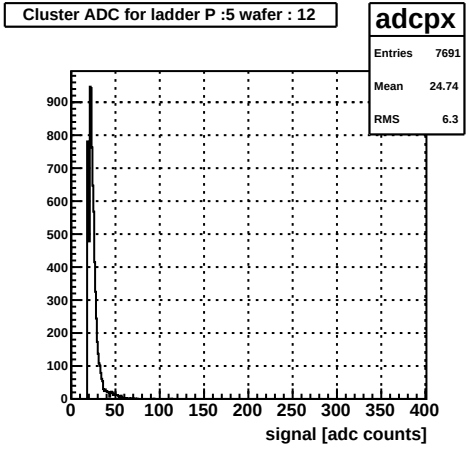

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5580
Mean 26.34
RMS 6.412
signal [adc counts]

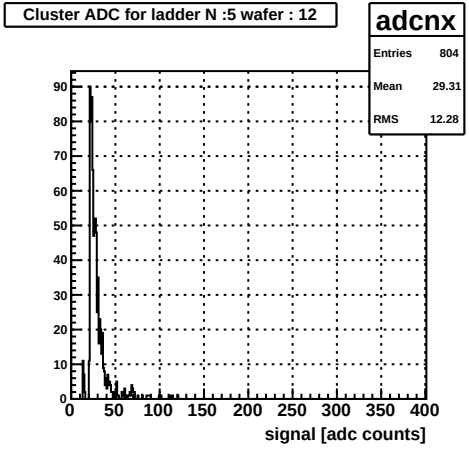

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1493
Mean 28.95
RMS 9.767
signal [adc counts]

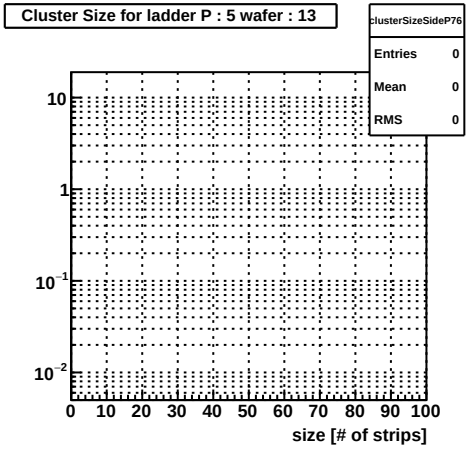

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7691
Mean 1.014
RMS 0.1246
size [# of strips]

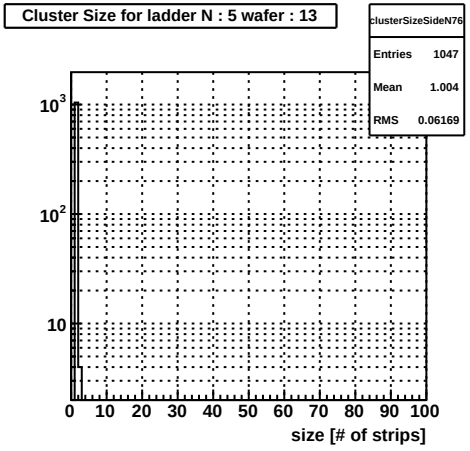

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 804
Mean 1.112
RMS 0.4289
size [# of strips]

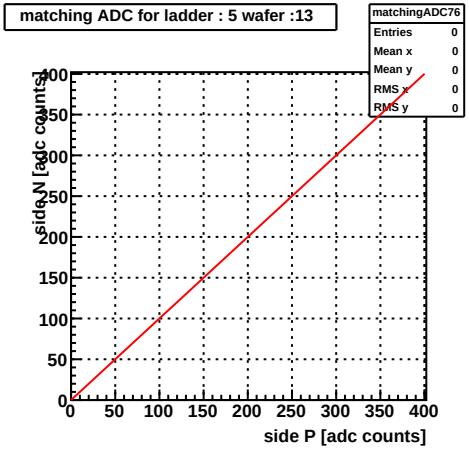

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 2
Mean x 25
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

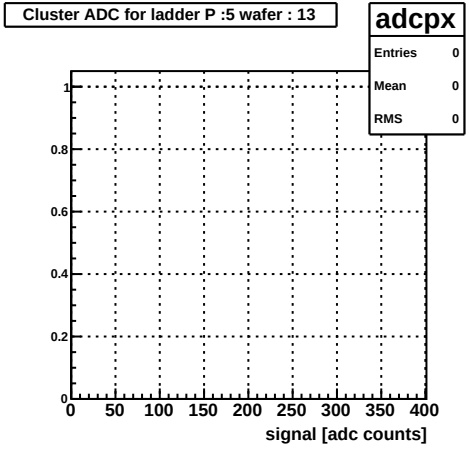

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7691
Mean 24.74
RMS 6.3
signal [adc counts]

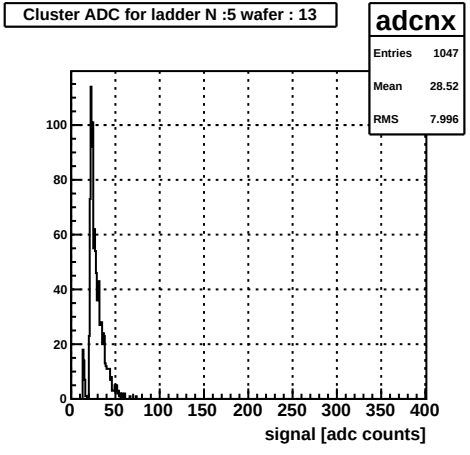

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 804
Mean 29.31
RMS 12.28
signal [adc counts]

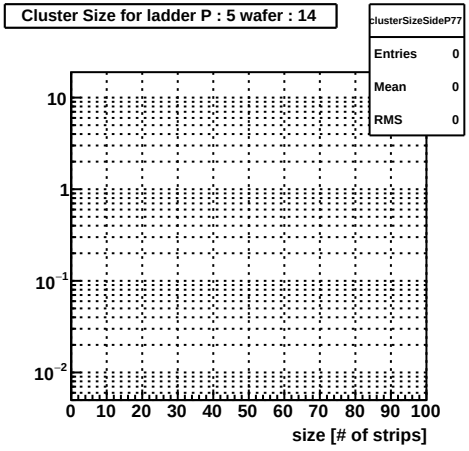

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

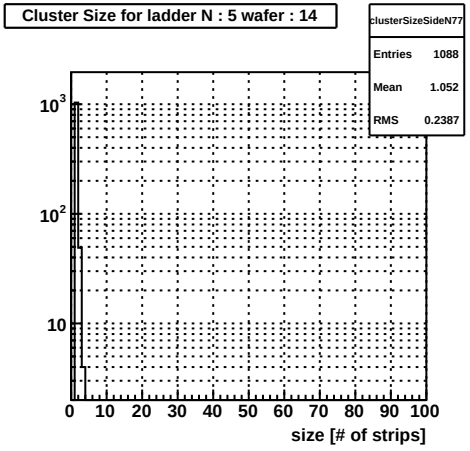

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1047
Mean 1.004
RMS 0.06169
size [# of strips]

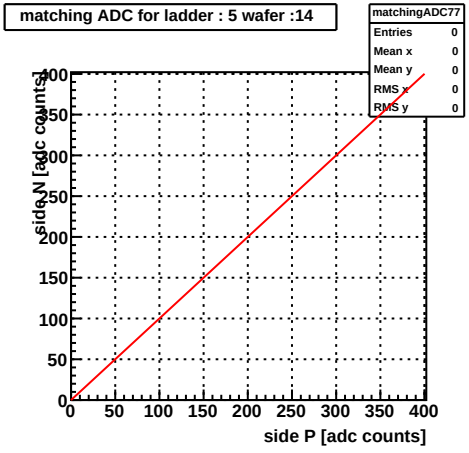

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

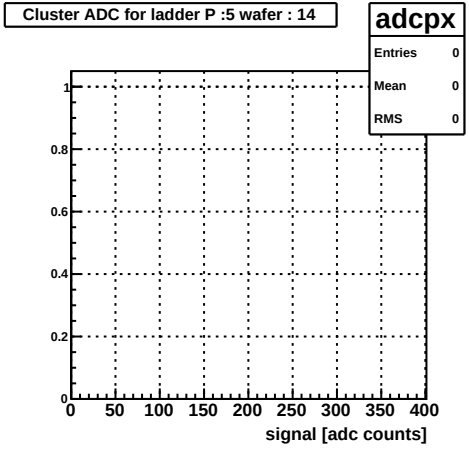

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

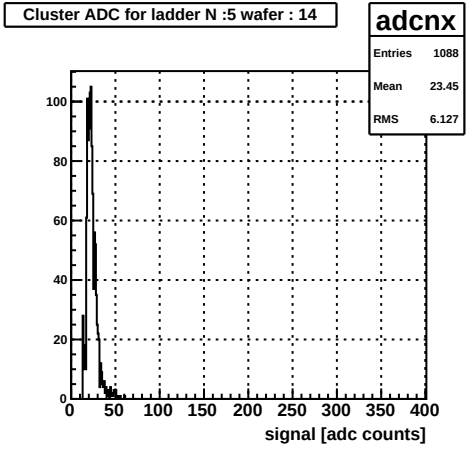

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1047
Mean 28.52
RMS 7.996
signal [adc counts]

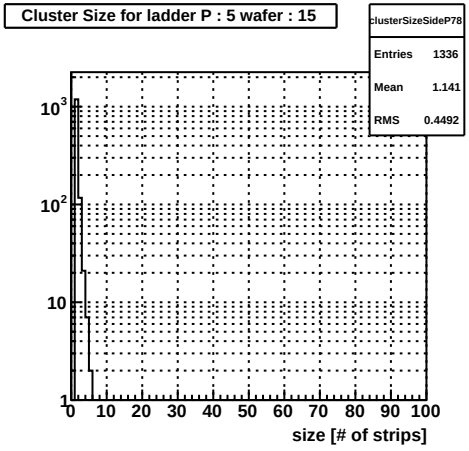

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

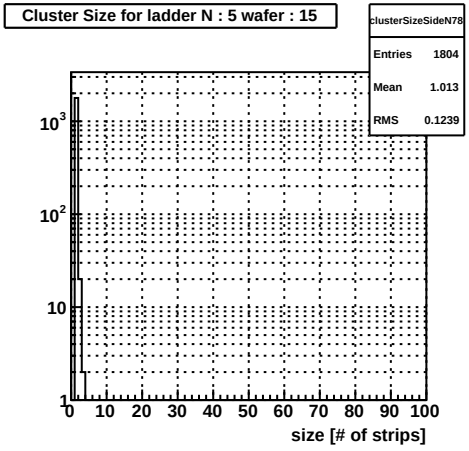

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1088
Mean 1.052
RMS 0.2387
size [# of strips]

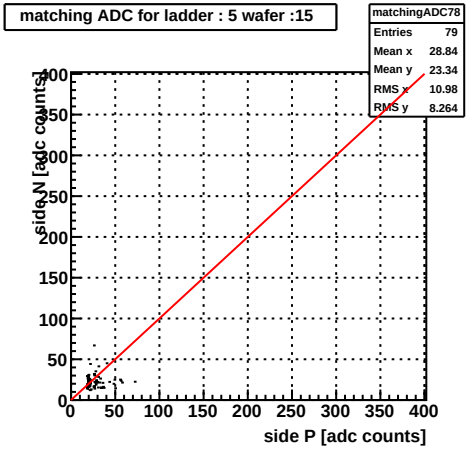

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

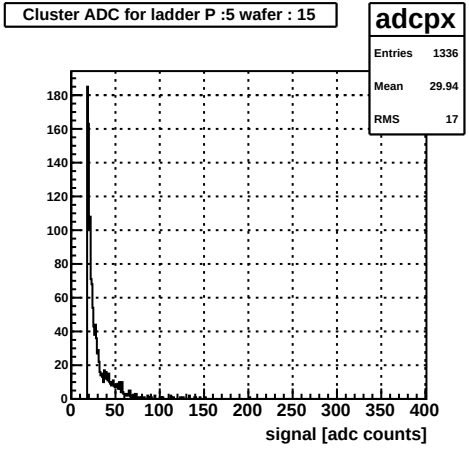

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

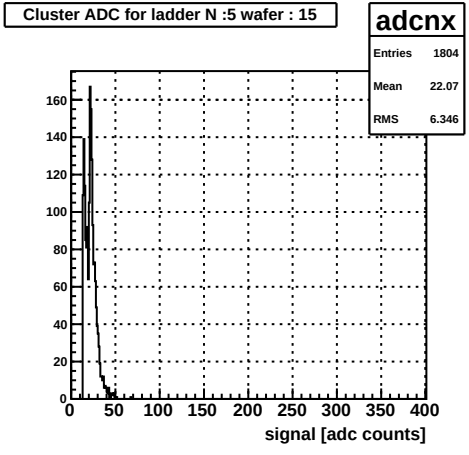

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1088
Mean 23.45
RMS 6.127
signal [adc counts]

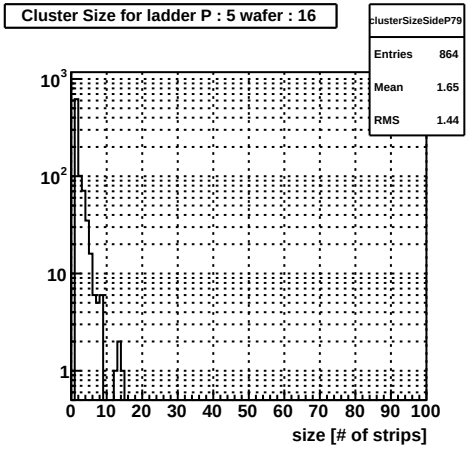

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 1336
Mean 1.141
RMS 0.4492
size [# of strips]

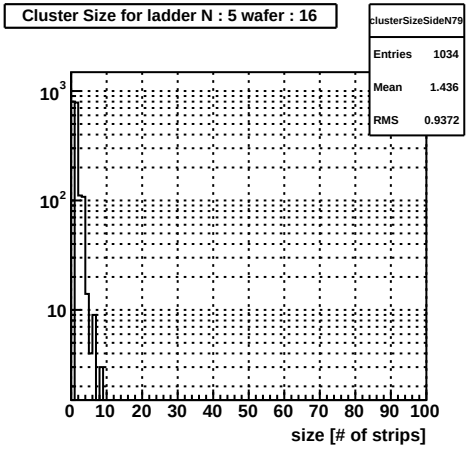

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1804
Mean 1.013
RMS 0.1239
size [# of strips]

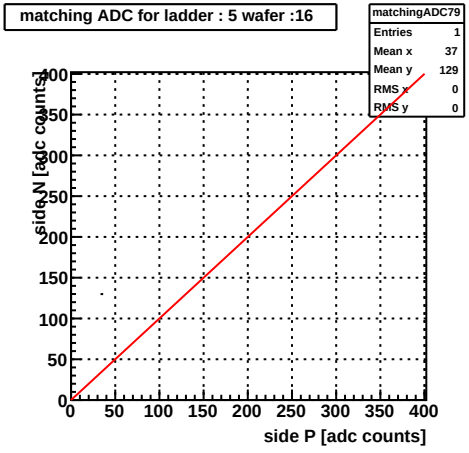

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 79
Mean x 28.84
Mean y 23.34
RMS x 10.98
RMS y 8.264
side N [adc counts]
side P [adc counts]

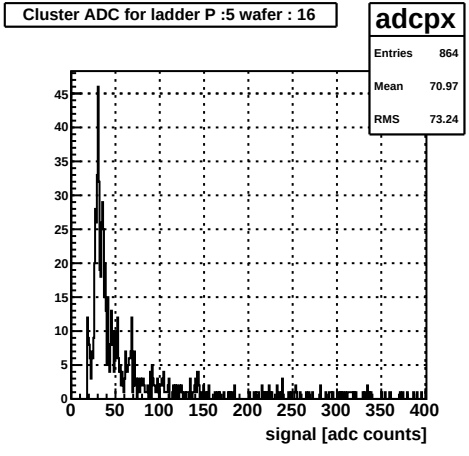

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 1336
Mean 29.94
RMS 17
signal [adc counts]

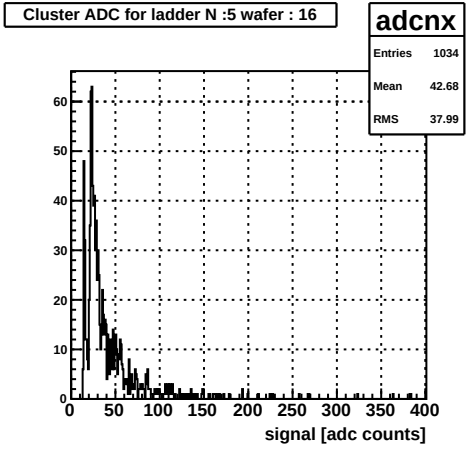

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1804
Mean 22.07
RMS 6.346
signal [adc counts]

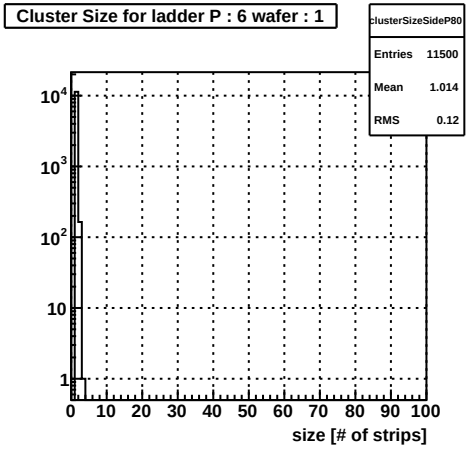

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 864
Mean 1.65
RMS 1.44
size [# of strips]

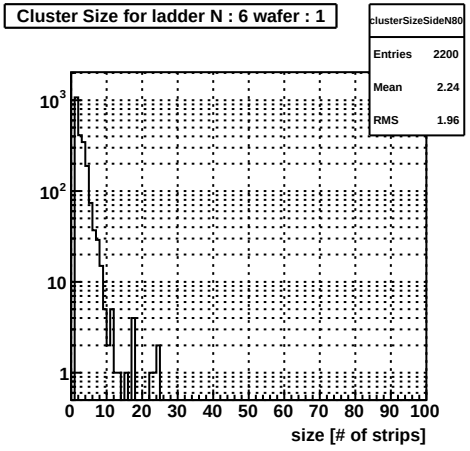

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1034
Mean 1.436
RMS 0.9372
size [# of strips]

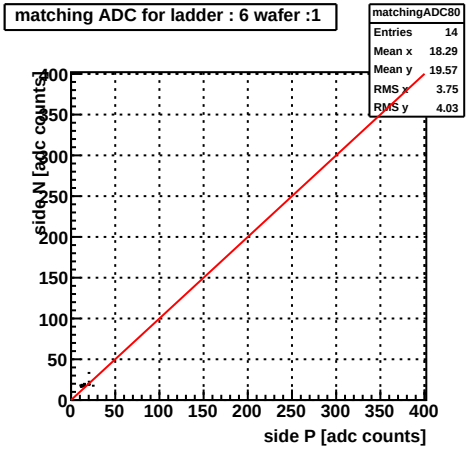

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1
Mean x 37
Mean y 129
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

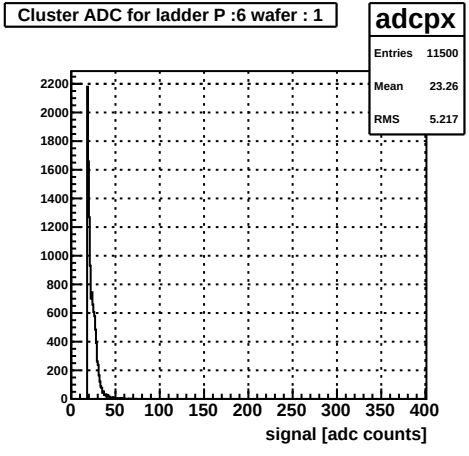

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 864
Mean 70.97
RMS 73.24
signal [adc counts]

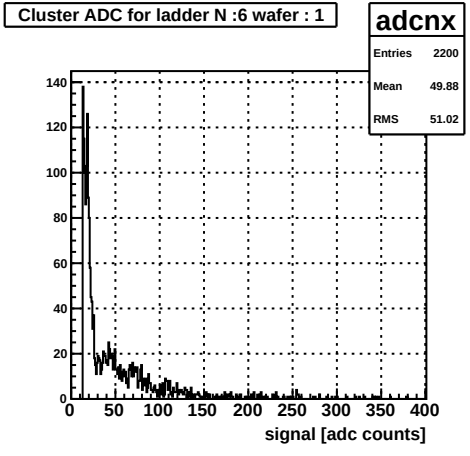

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1034
Mean 42.68
RMS 37.99
signal [adc counts]

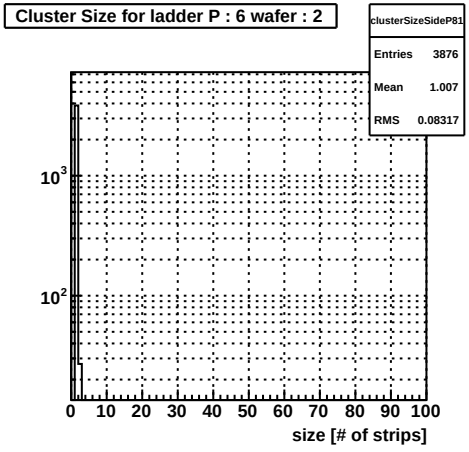

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11500
Mean 1.014
RMS 0.12
size [# of strips]

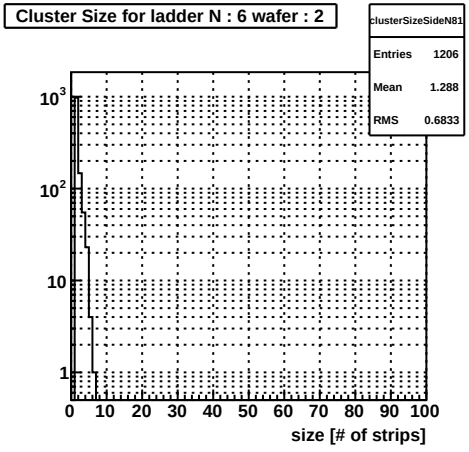

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2200
Mean 2.24
RMS 1.96
size [# of strips]

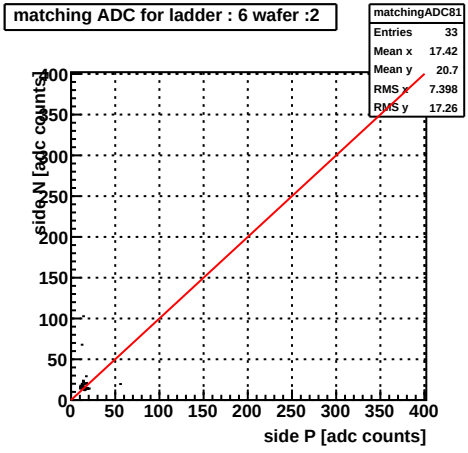

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 14
Mean x 18.29
Mean y 19.57
RMS x 3.75
RMS y 4.03
side N [adc counts]
side P [adc counts]

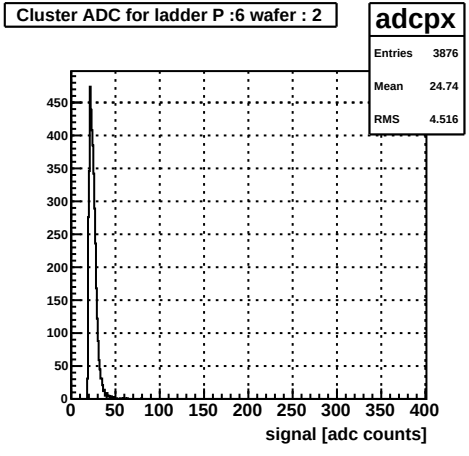

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11500
Mean 23.26
RMS 5.217
signal [adc counts]

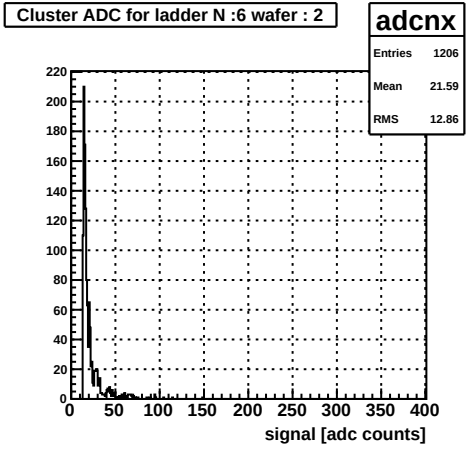

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2200
Mean 49.88
RMS 51.02
signal [adc counts]

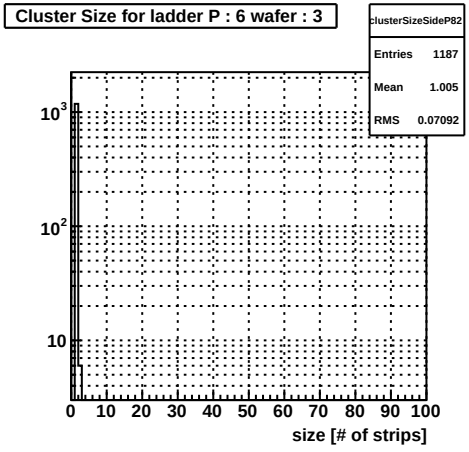

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3876
Mean 1.007
RMS 0.08317
size [# of strips]

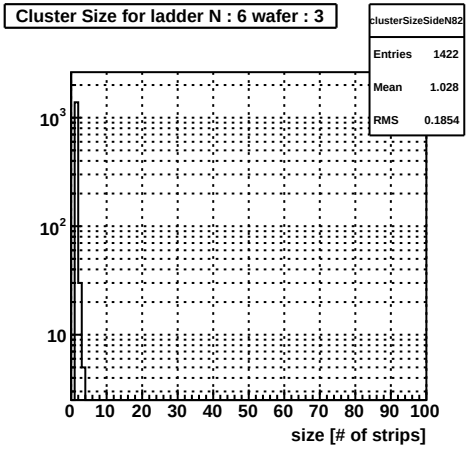

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1206
Mean 1.288
RMS 0.6833
size [# of strips]

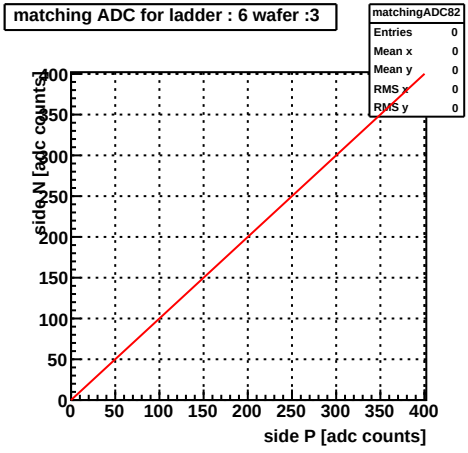

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 33
Mean x 17.42
Mean y 20.7
RMS x 7.398
RMS y 17.26
side N [adc counts]
side P [adc counts]

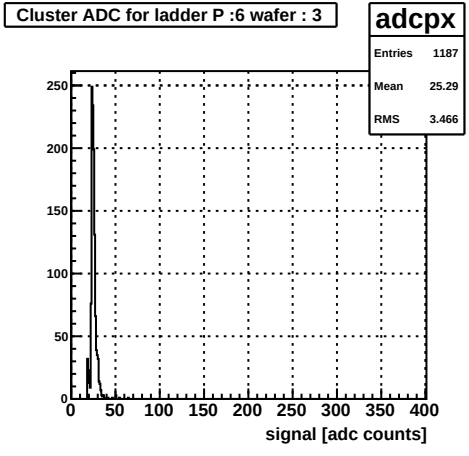

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3876
Mean 24.74
RMS 4.516
signal [adc counts]

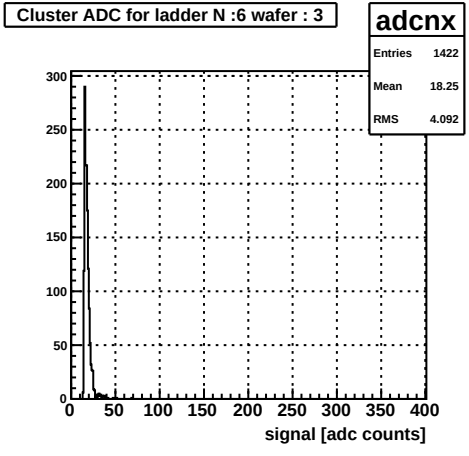

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1206
Mean 21.59
RMS 12.86
signal [adc counts]

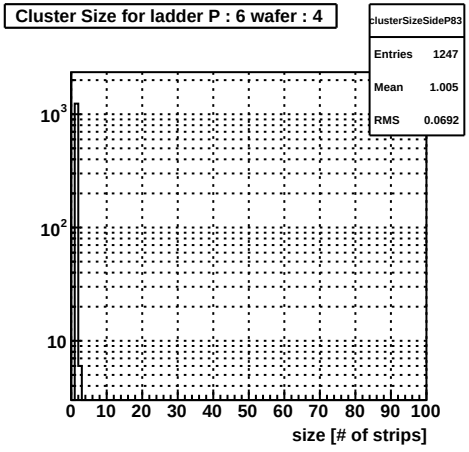

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1187
Mean 1.005
RMS 0.07092
size [# of strips]

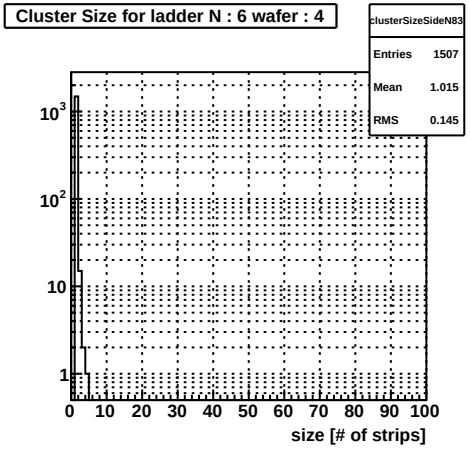

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1422
Mean 1.028
RMS 0.1854
size [# of strips]

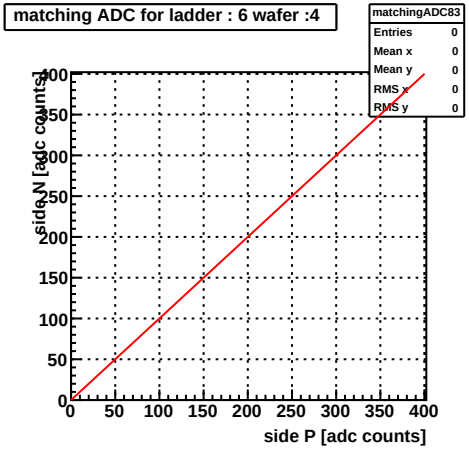

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

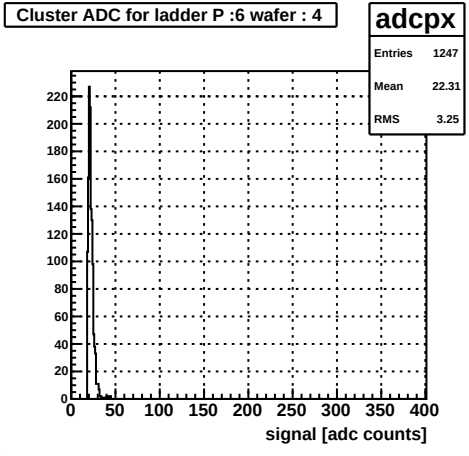

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1187
Mean 25.29
RMS 3.466
signal [adc counts]

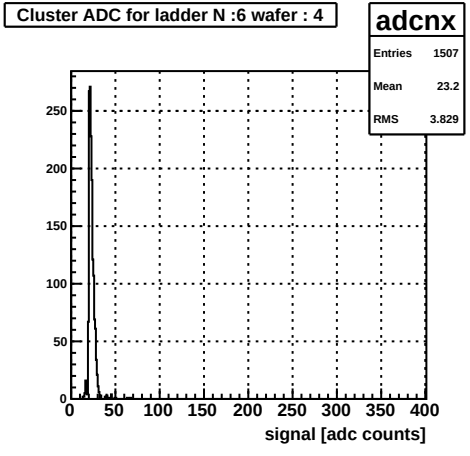

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1422
Mean 18.25
RMS 4.092
signal [adc counts]

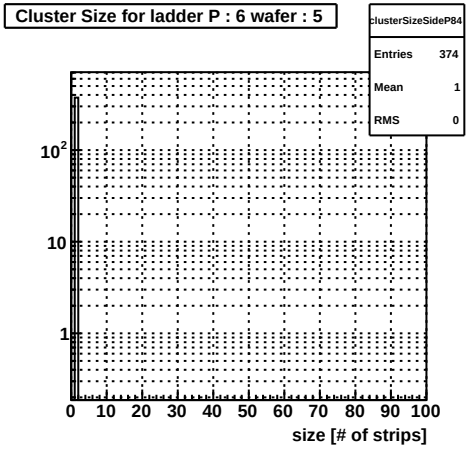

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1247
Mean 1.005
RMS 0.0692
size [# of strips]

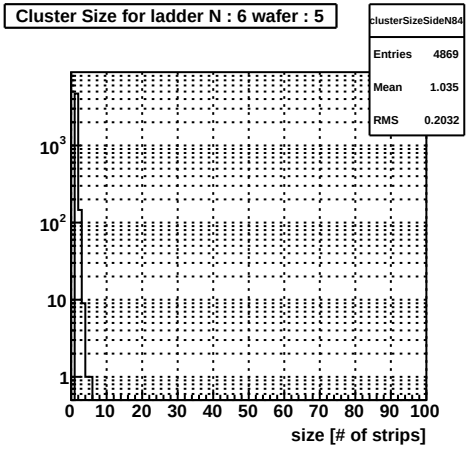

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1507
Mean 1.015
RMS 0.145
size [# of strips]

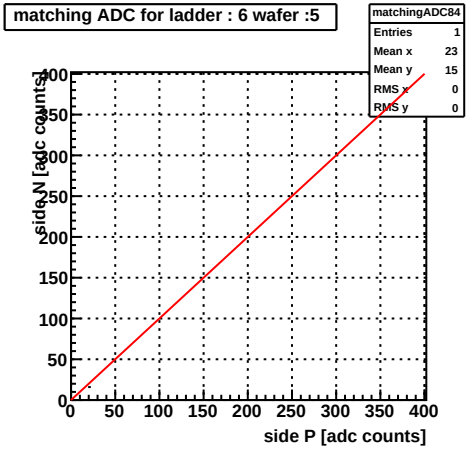

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

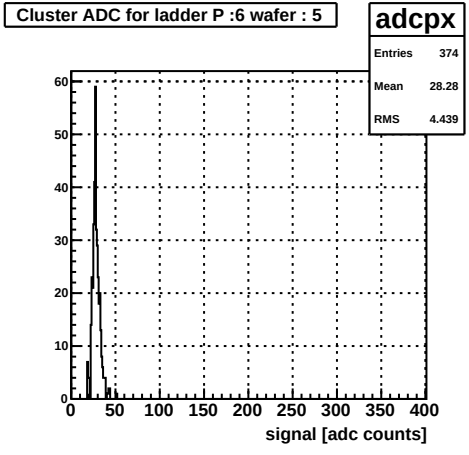

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1247
Mean 22.31
RMS 3.25
signal [adc counts]

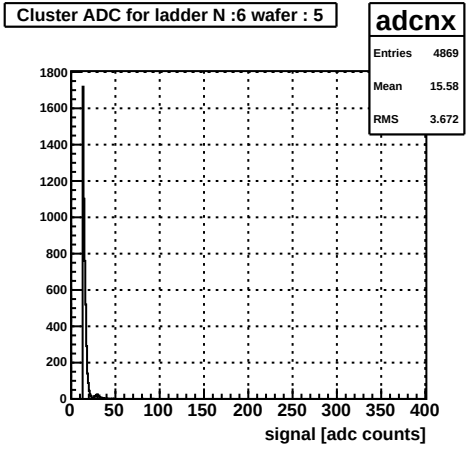

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1507
Mean 23.2
RMS 3.829
signal [adc counts]

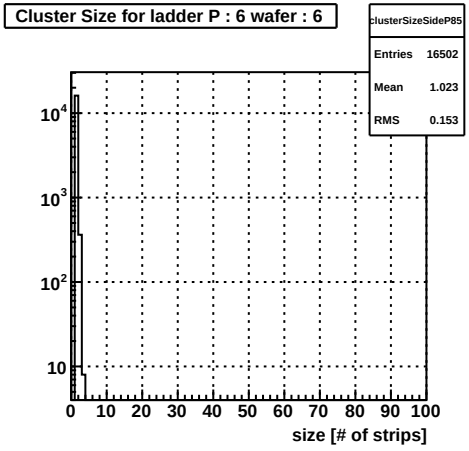

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 374
Mean 1
RMS 0
size [# of strips]

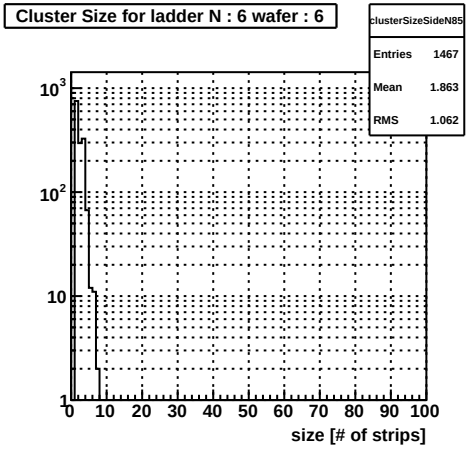

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 4869
Mean 1.035
RMS 0.2032
size [# of strips]

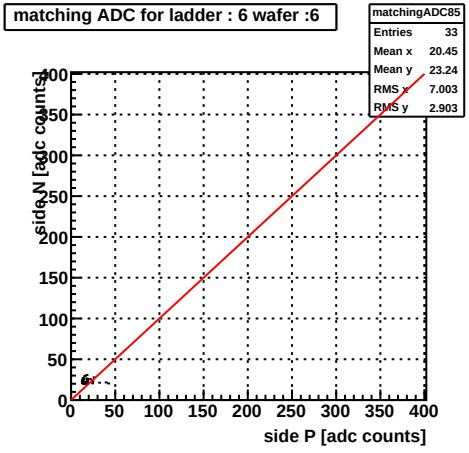

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1
Mean x 23
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

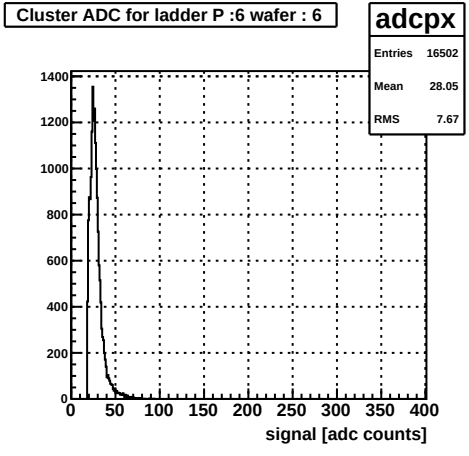

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 374
Mean 28.28
RMS 4.439
signal [adc counts]

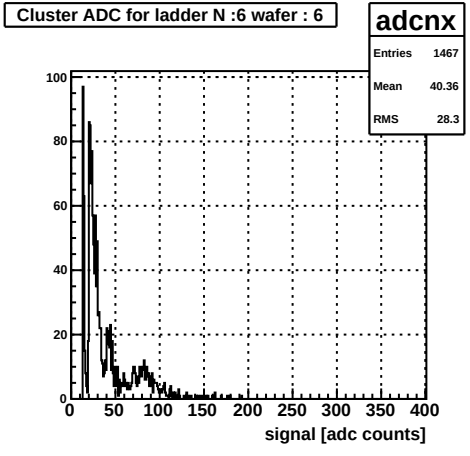

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 4869
Mean 15.58
RMS 3.672
signal [adc counts]

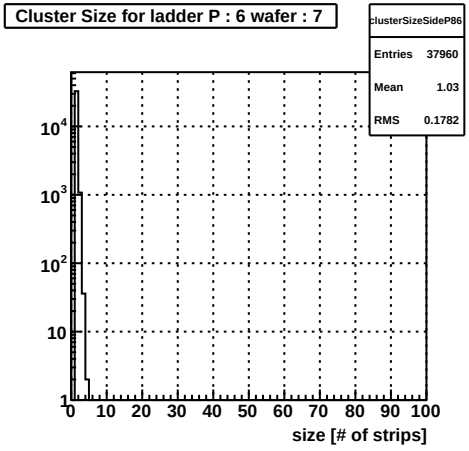

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16502
Mean 1.023
RMS 0.153
size [# of strips]

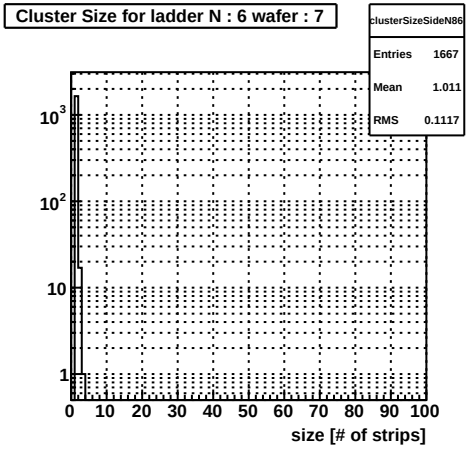

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1467
Mean 1.863
RMS 1.062
size [# of strips]

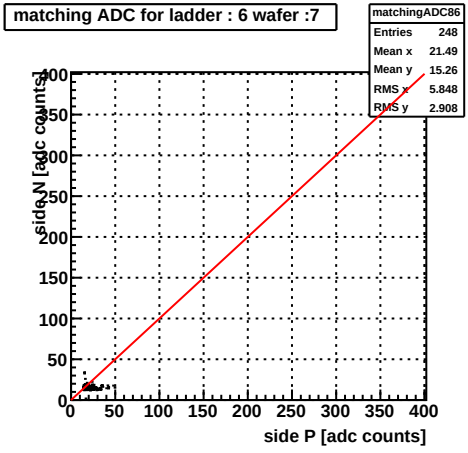

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 33
Mean x 20.45
Mean y 23.24
RMS x 7.003
RMS y 2.903
side N [adc counts]
side P [adc counts]

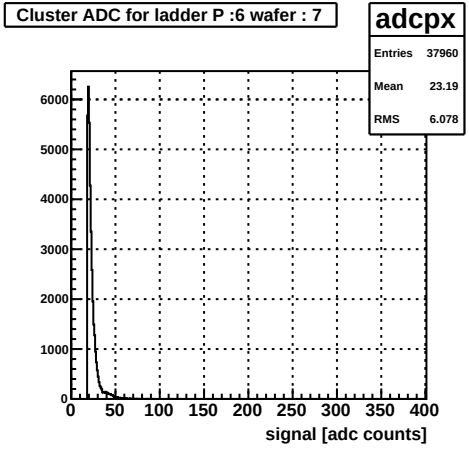

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16502
Mean 28.05
RMS 7.67
signal [adc counts]

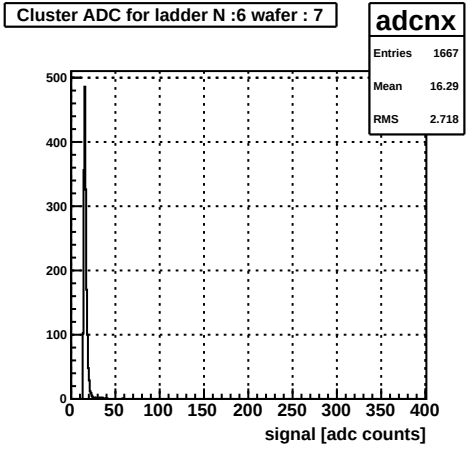

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1467
Mean 40.36
RMS 28.3
signal [adc counts]

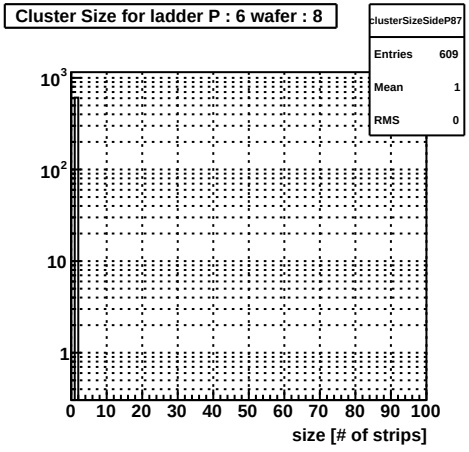

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 37960
Mean 1.03
RMS 0.1782
size [# of strips]

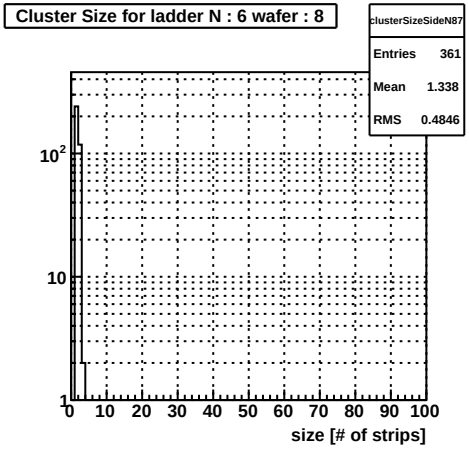

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1667
Mean 1.011
RMS 0.1117
size [# of strips]

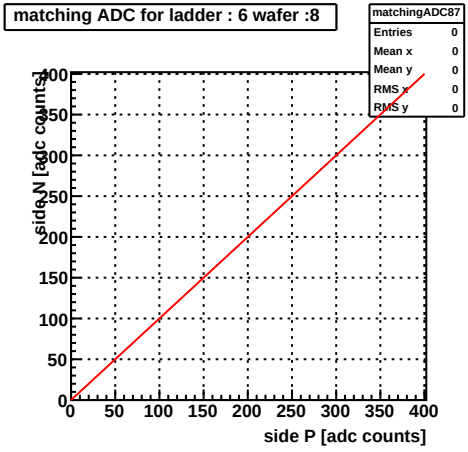

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 248
Mean x 21.49
Mean y 15.26
RMS x 5.848
RMS y 2.908
side N [adc counts]
side P [adc counts]

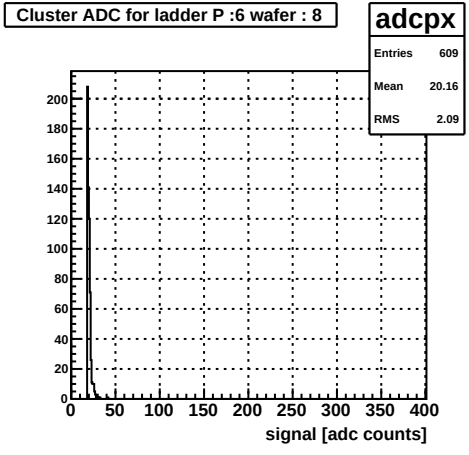

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 37960
Mean 23.19
RMS 6.078
signal [adc counts]

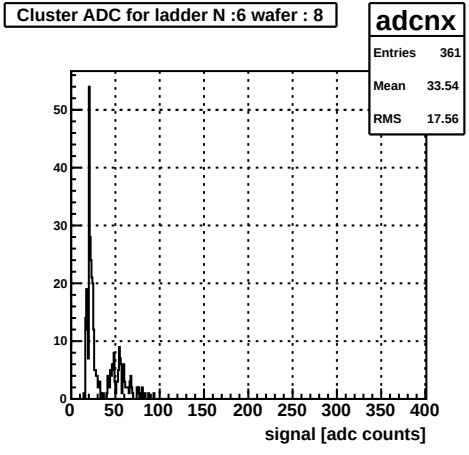

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1667
Mean 16.29
RMS 2.718
signal [adc counts]

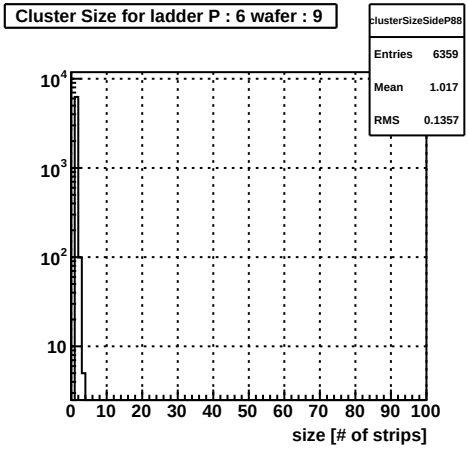

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 609
Mean 1
RMS 0
size [# of strips]

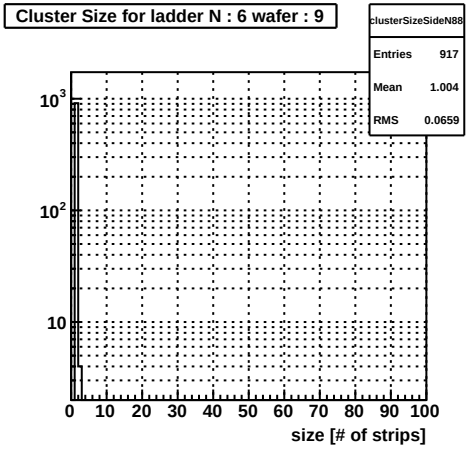

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 361
Mean 1.338
RMS 0.4846
size [# of strips]

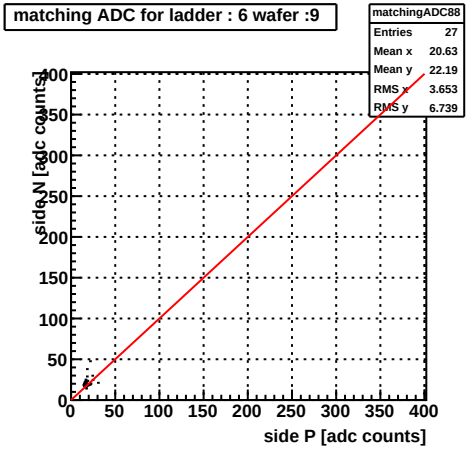

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

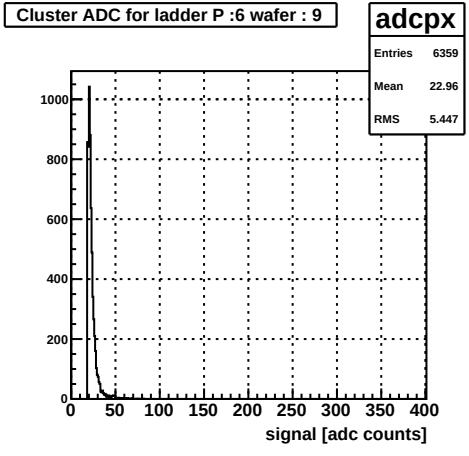

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 609
Mean 20.16
RMS 2.09
signal [adc counts]

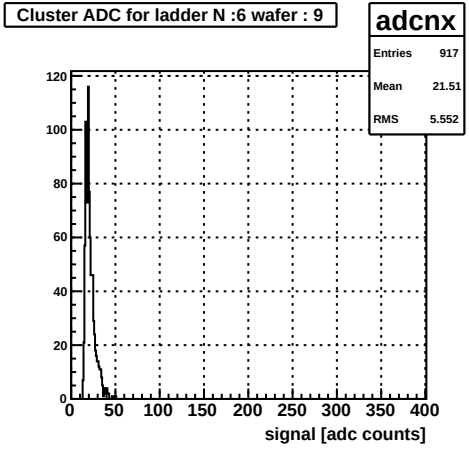

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 361
Mean 33.54
RMS 17.56
signal [adc counts]

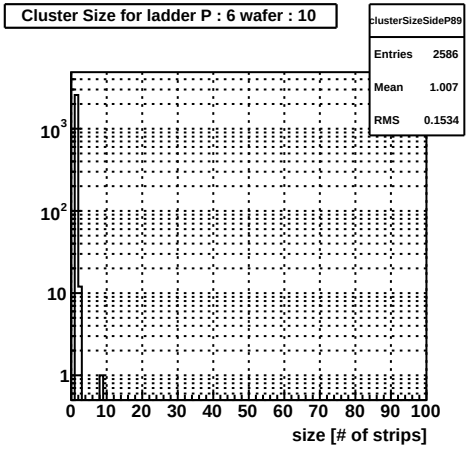

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6359
Mean 1.017
RMS 0.1357
size [# of strips]

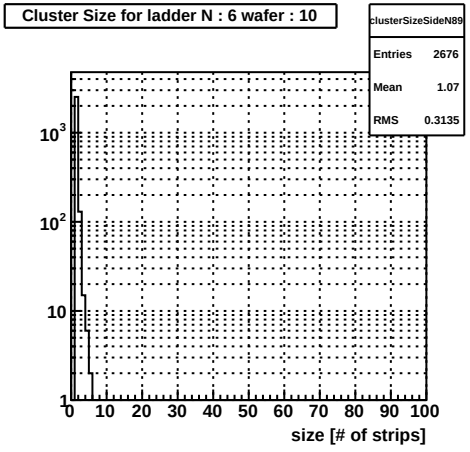

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 917
Mean 1.004
RMS 0.0659
size [# of strips]

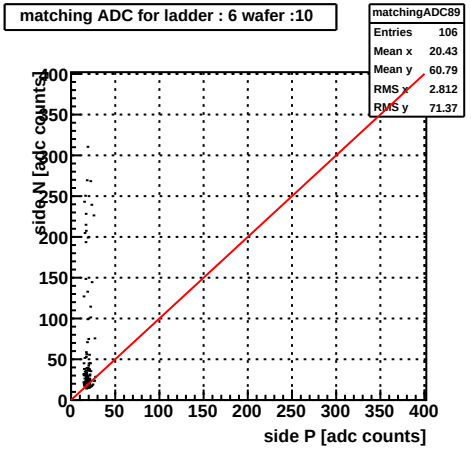

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 27
Mean x 20.63
Mean y 22.19
RMS x 3.653
RMS y 6.739
side N [adc counts]
side P [adc counts]

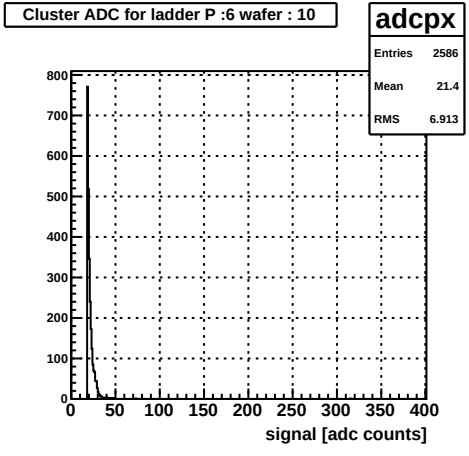

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6359
Mean 22.96
RMS 5.447
signal [adc counts]

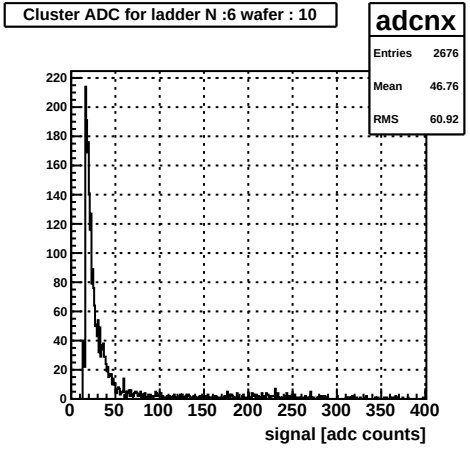

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 917
Mean 21.51
RMS 5.552
signal [adc counts]

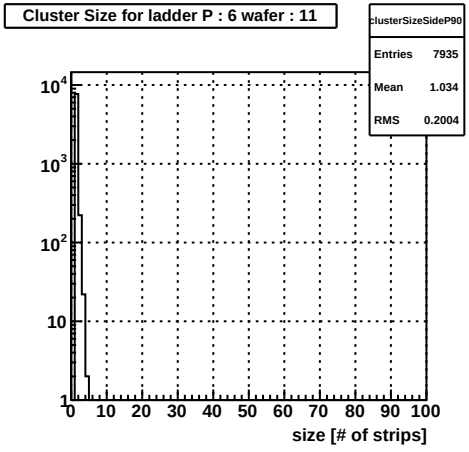

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2586
Mean 1.007
RMS 0.1534
size [# of strips]

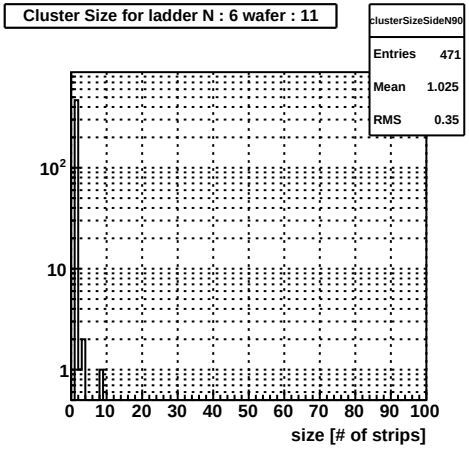

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2676
Mean 1.07
RMS 0.3135
size [# of strips]

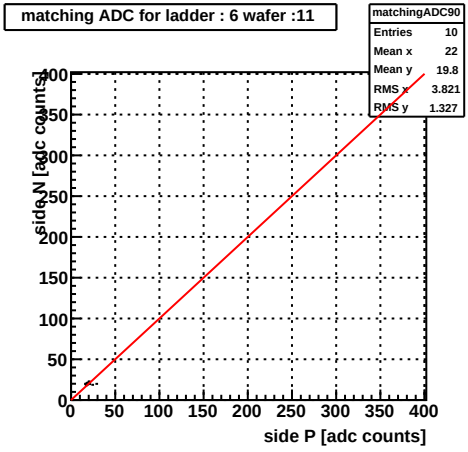

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 106
Mean x 20.43
Mean y 60.79
RMS x 2.812
RMS y 71.37
side N [adc counts]
side P [adc counts]

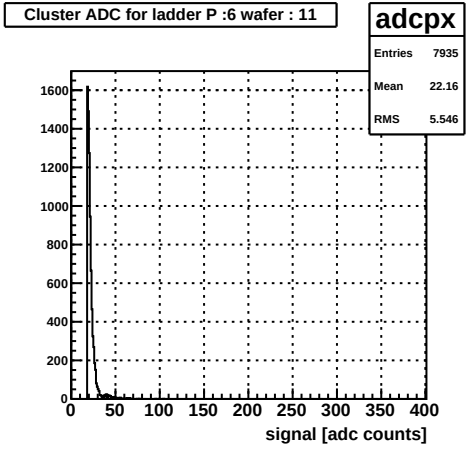

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2586
Mean 21.4
RMS 6.913
signal [adc counts]

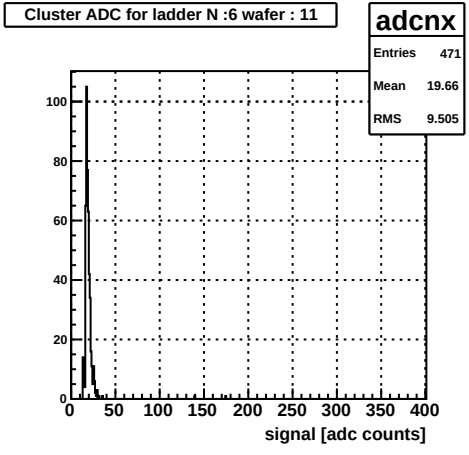

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2676
Mean 46.76
RMS 60.92
signal [adc counts]

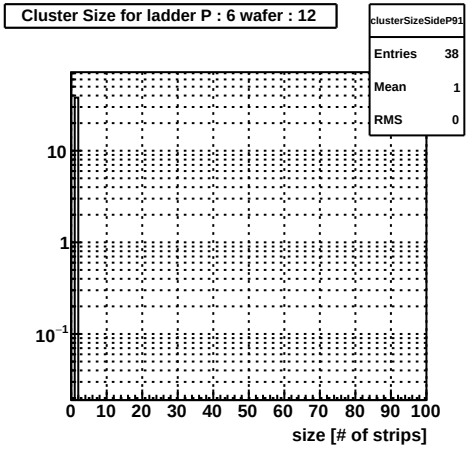

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7935
Mean 1.034
RMS 0.2004
size [# of strips]

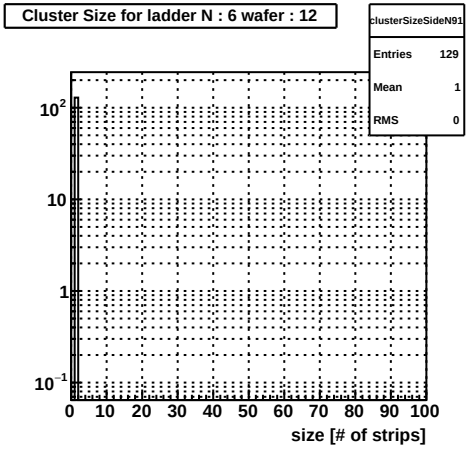

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 471
Mean 1.025
RMS 0.35
size [# of strips]

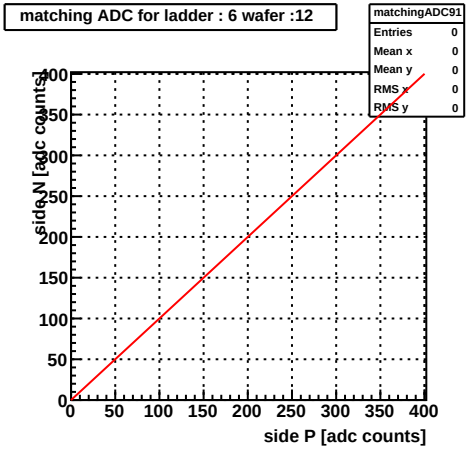

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 10
Mean x 22
Mean y 19.8
RMS x 3.821
RMS y 1.327
side N [adc counts]
side P [adc counts]

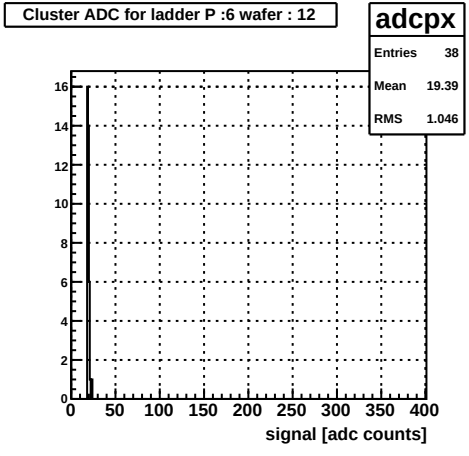

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7935
Mean 22.16
RMS 5.546
signal [adc counts]

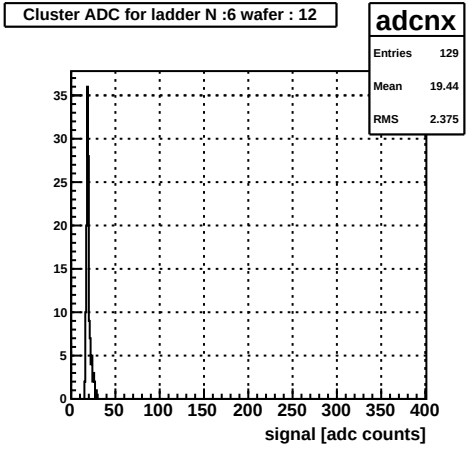

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 471
Mean 19.66
RMS 9.505
signal [adc counts]

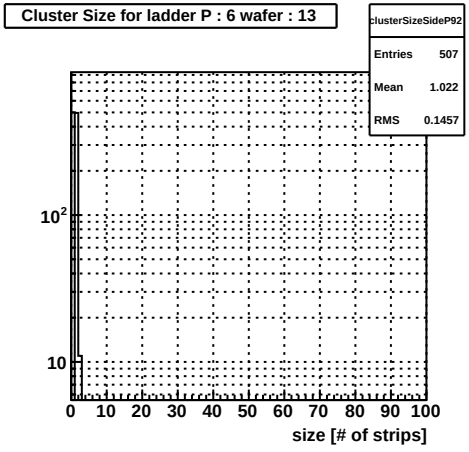

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 38
Mean 1
RMS 0
size [# of strips]

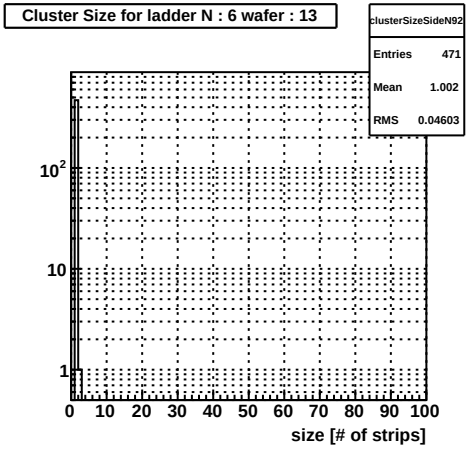

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 129
Mean 1
RMS 0
size [# of strips]

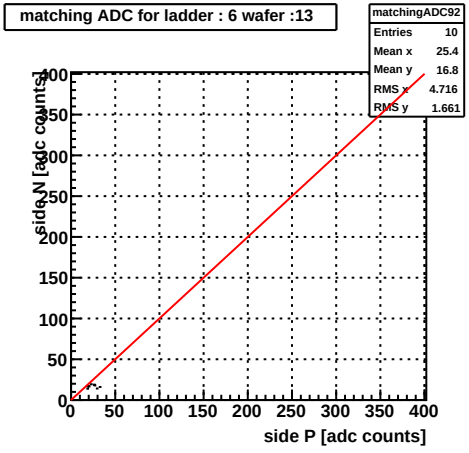

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

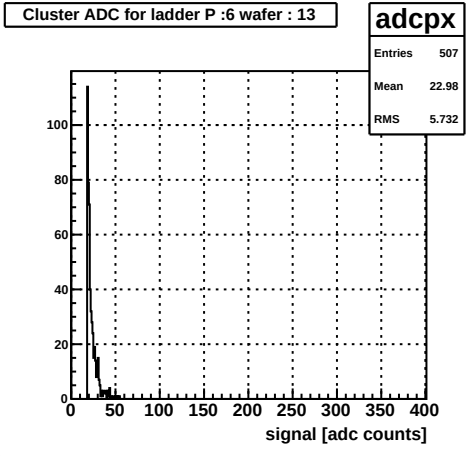

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 38
Mean 19.39
RMS 1.046
signal [adc counts]

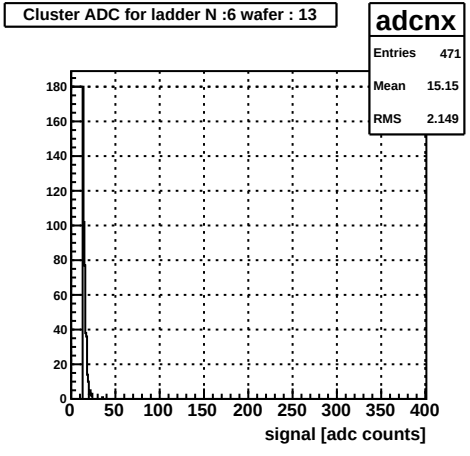

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 129
Mean 19.44
RMS 2.375
signal [adc counts]

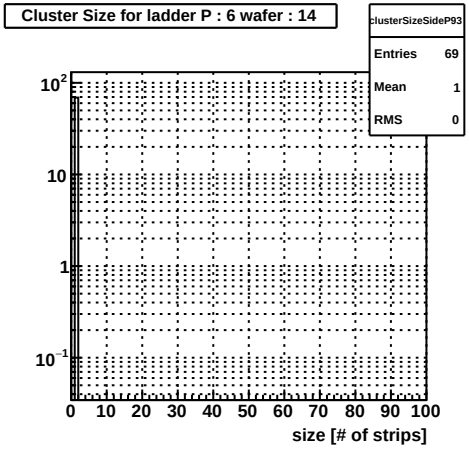

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 507
Mean 1.022
RMS 0.1457
size [# of strips]

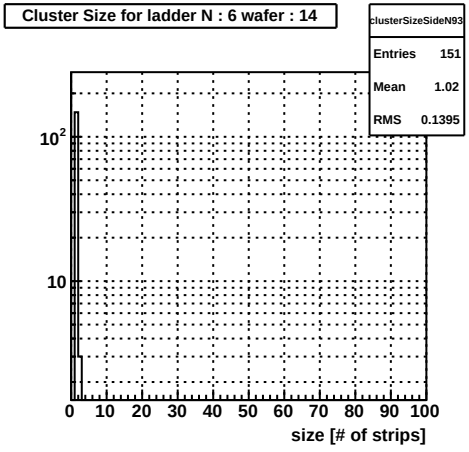

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 471
Mean 1.002
RMS 0.04603
size [# of strips]

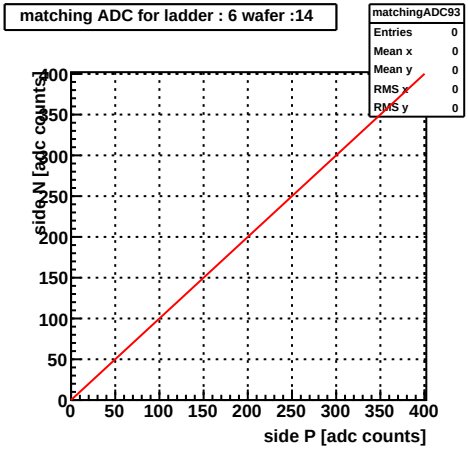

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 10
Mean x 25.4
Mean y 16.8
RMS x 4.716
RMS y 1.661
side N [adc counts]
side P [adc counts]

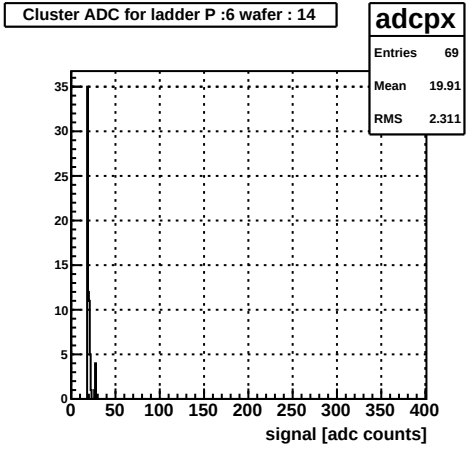

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 507
Mean 22.98
RMS 5.732
signal [adc counts]

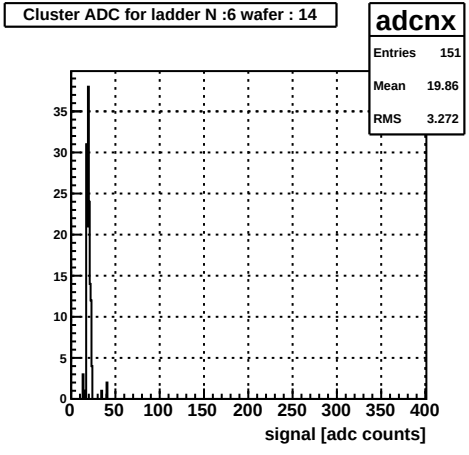

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 471
Mean 15.15
RMS 2.149
signal [adc counts]

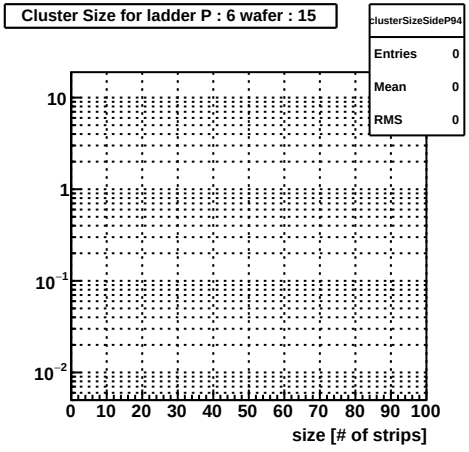

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 69
Mean 1
RMS 0
size [# of strips]

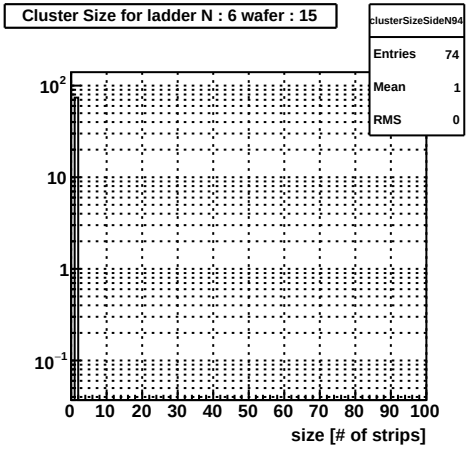

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 151
Mean 1.02
RMS 0.1395
size [# of strips]

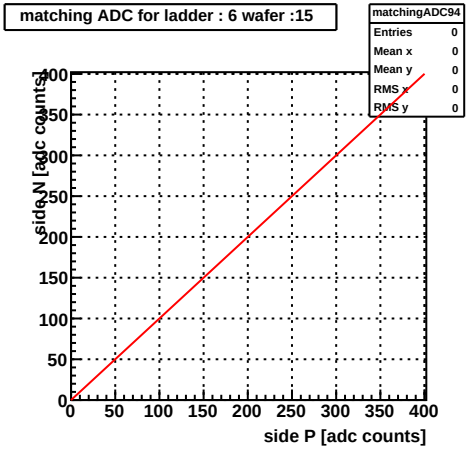

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

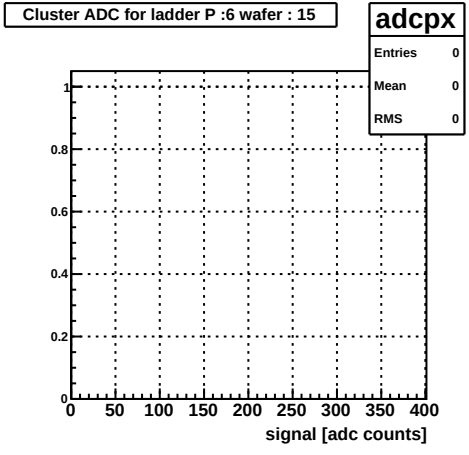

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 69
Mean 19.91
RMS 2.311
signal [adc counts]

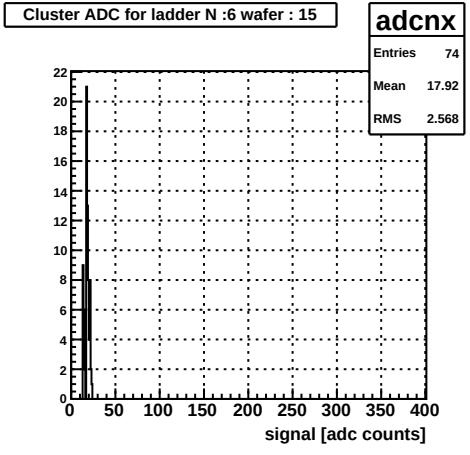

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 151
Mean 19.86
RMS 3.272
signal [adc counts]

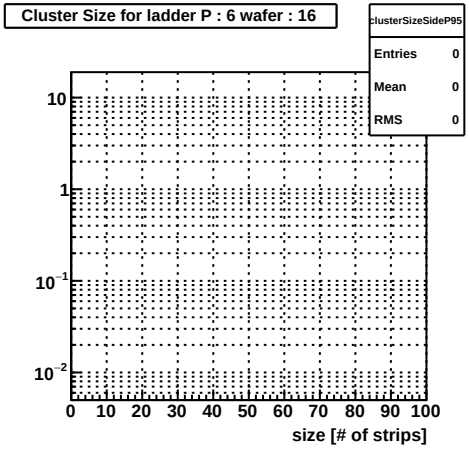

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

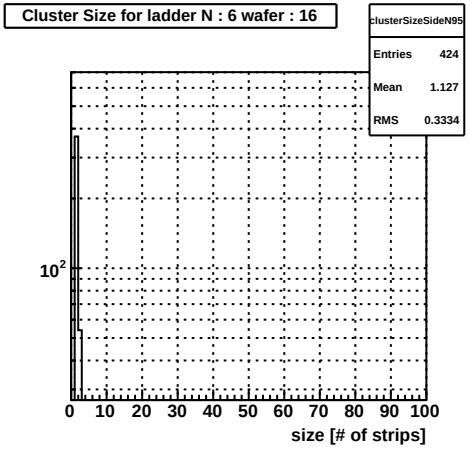

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 74
Mean 1
RMS 0
size [# of strips]

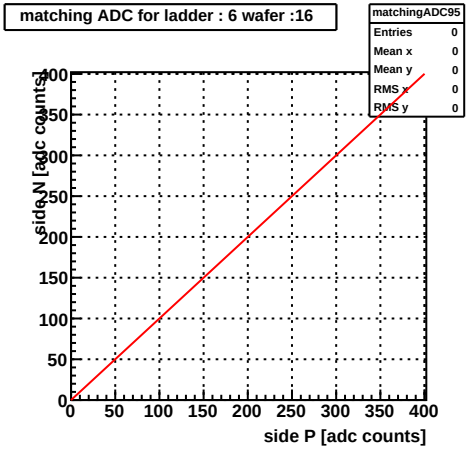

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

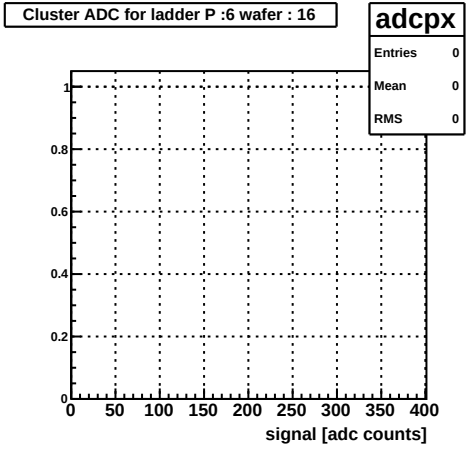

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

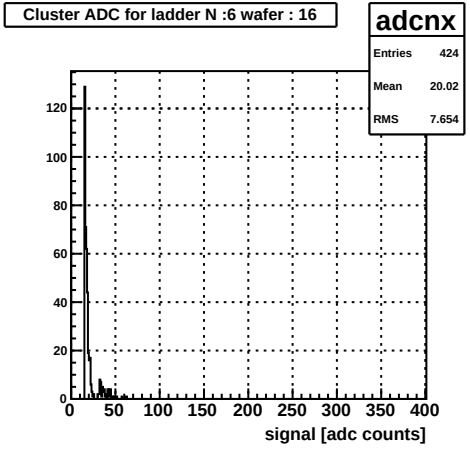

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 74
Mean 17.92
RMS 2.568
signal [adc counts]

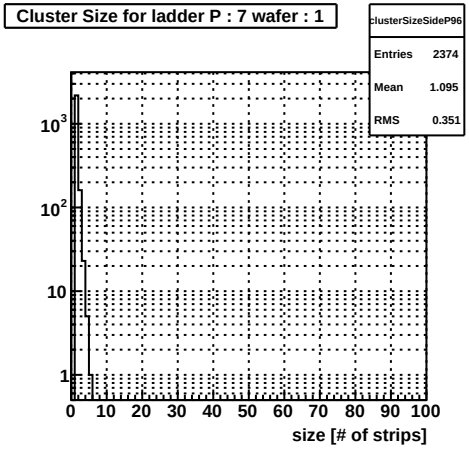

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

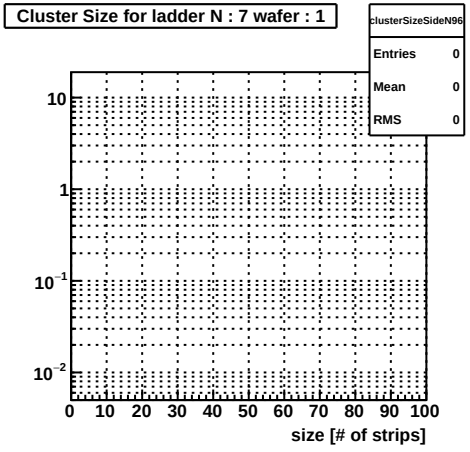

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 424
Mean 1.127
RMS 0.3334
size [# of strips]

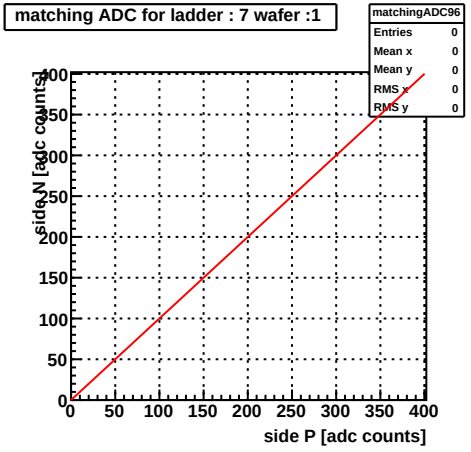

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

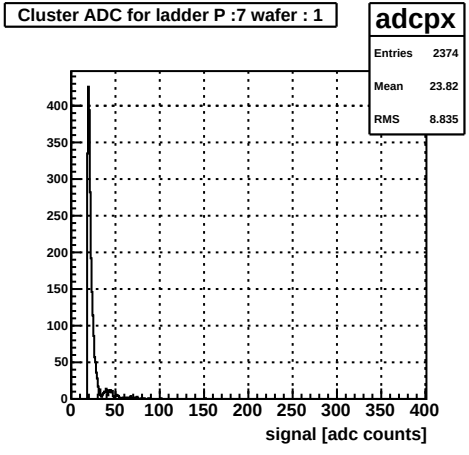

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

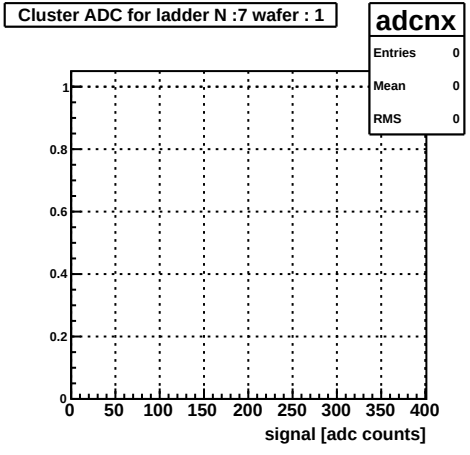

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 424
Mean 20.02
RMS 7.654
signal [adc counts]

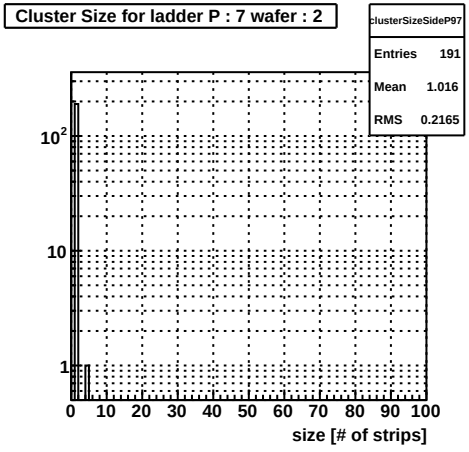

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2374
Mean 1.095
RMS 0.351
size [# of strips]

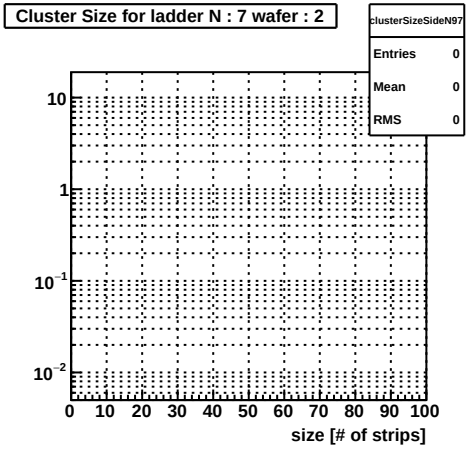

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

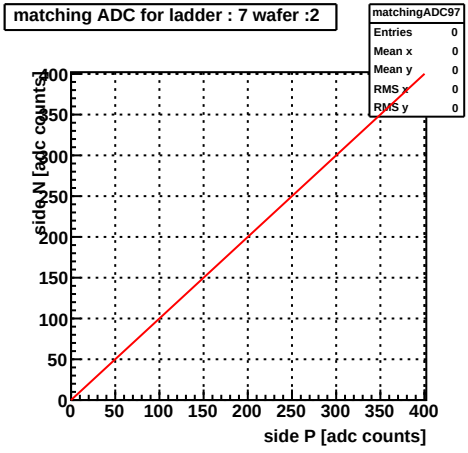

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

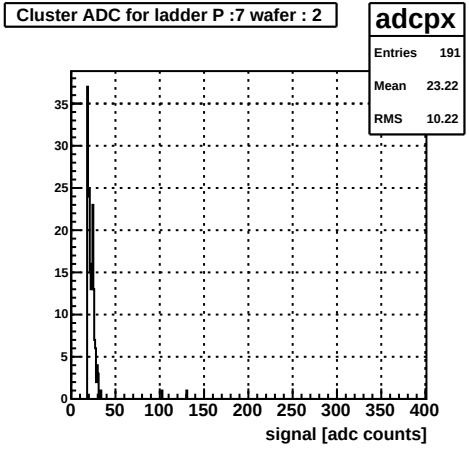

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2374
Mean 23.82
RMS 8.835
signal [adc counts]

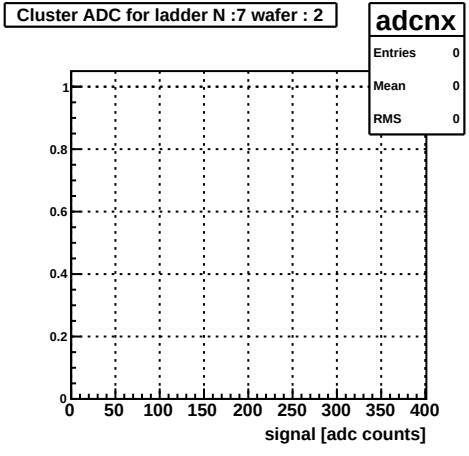

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

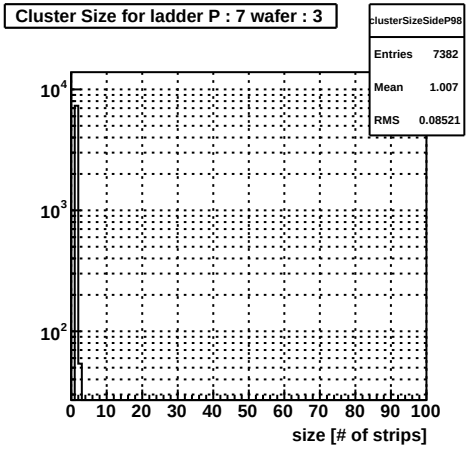

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 191
Mean 1.016
RMS 0.2165
size [# of strips]

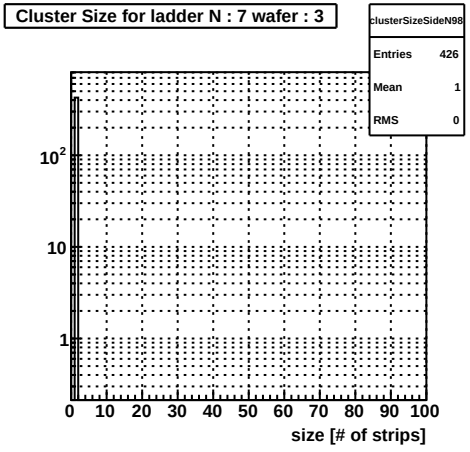

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

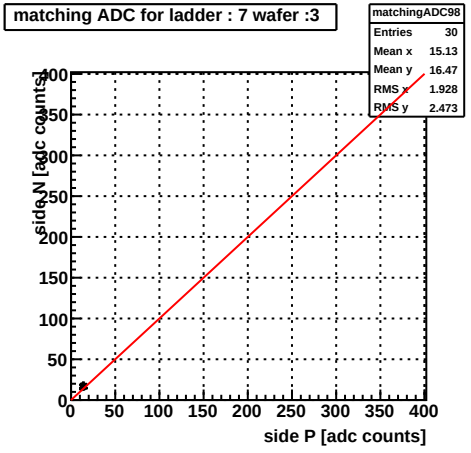

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

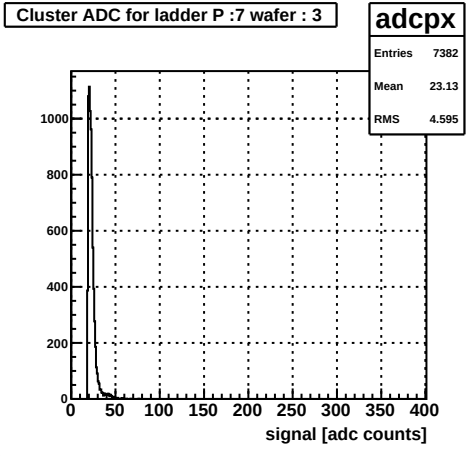

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 191
Mean 23.22
RMS 10.22
signal [adc counts]

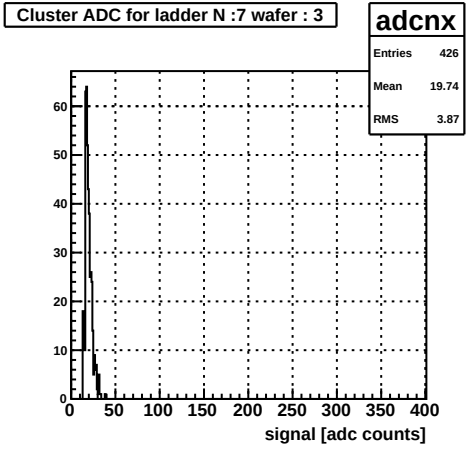

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

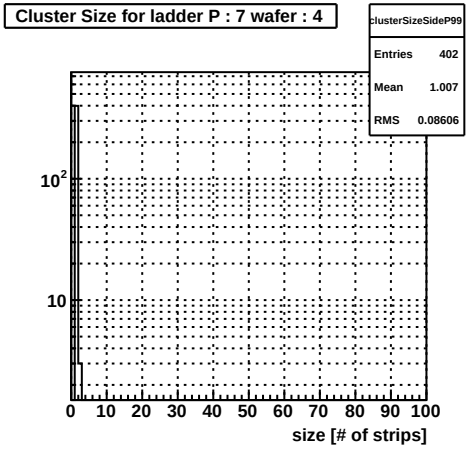

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7382
Mean 1.007
RMS 0.08521
size [# of strips]

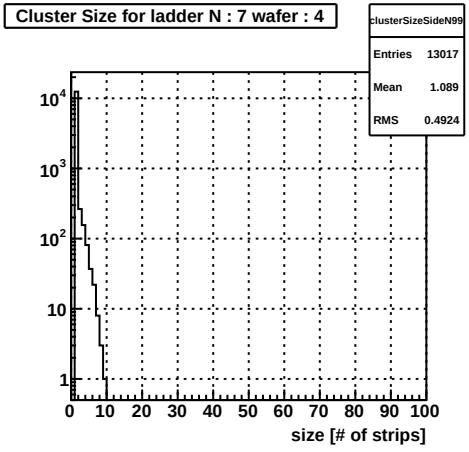

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 426
Mean 1
RMS 0
size [# of strips]

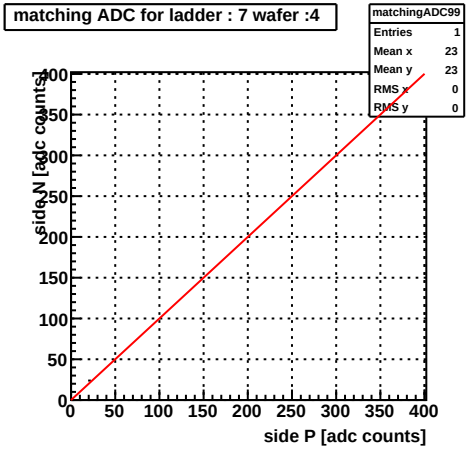

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 30
Mean x 15.13
Mean y 16.47
RMS x 1.928
RMS y 2.473
side N [adc counts]
side P [adc counts]

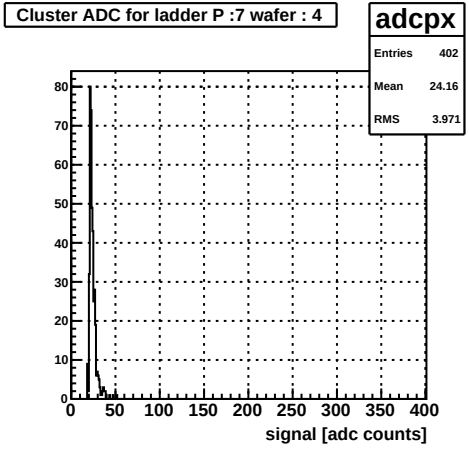

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7382
Mean 23.13
RMS 4.595
signal [adc counts]

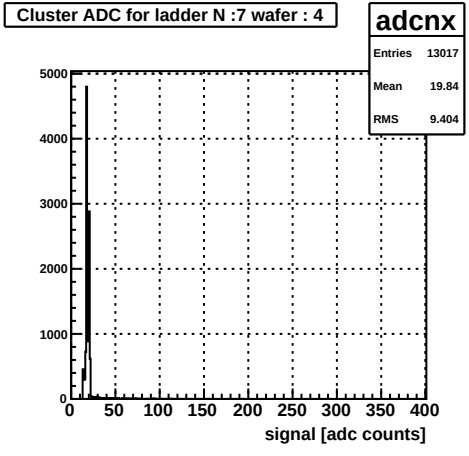

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 426
Mean 19.74
RMS 3.87
signal [adc counts]

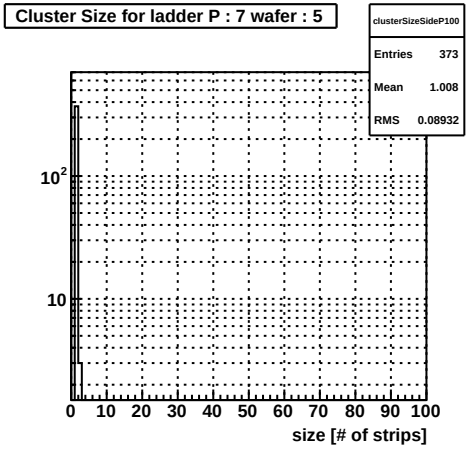

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 402
Mean 1.007
RMS 0.08606
size [# of strips]

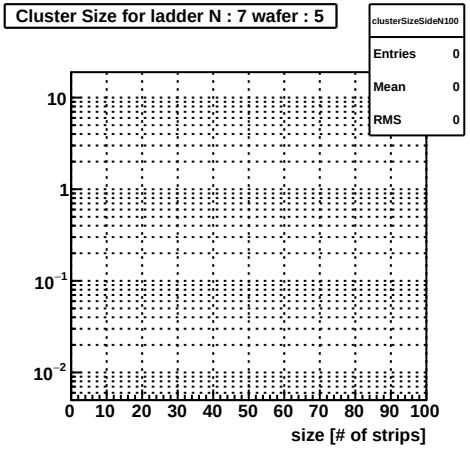

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 13017
Mean 1.089
RMS 0.4924
size [# of strips]

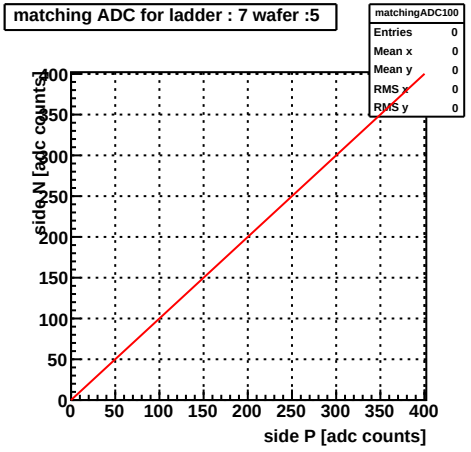

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1
Mean x 23
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

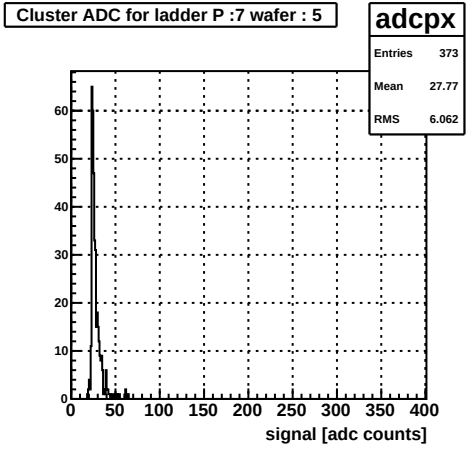

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 402
Mean 24.16
RMS 3.971
signal [adc counts]

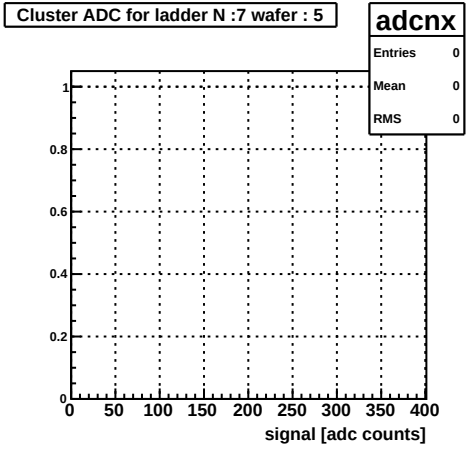

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 13017
Mean 19.84
RMS 9.404
signal [adc counts]

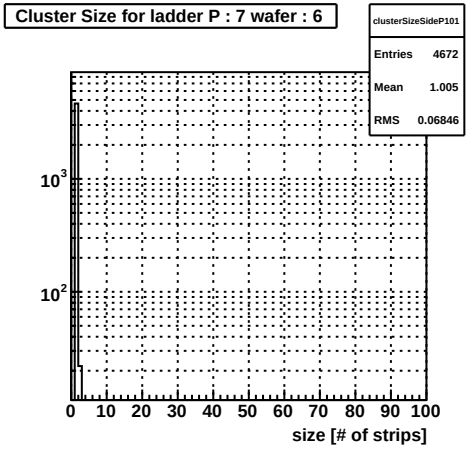

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 373
Mean 1.008
RMS 0.08932
size [# of strips]

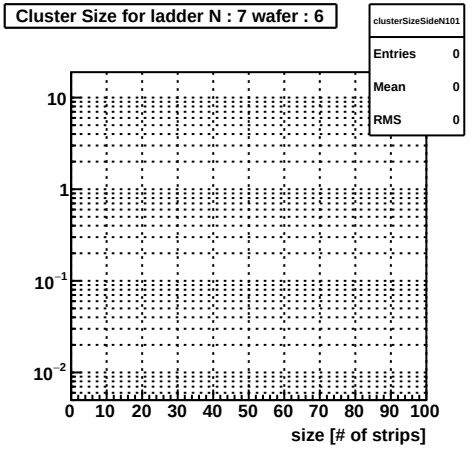

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

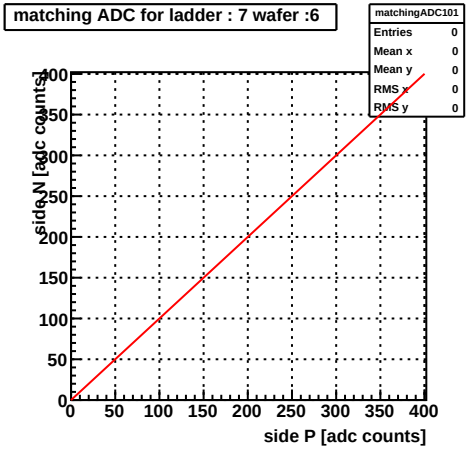

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

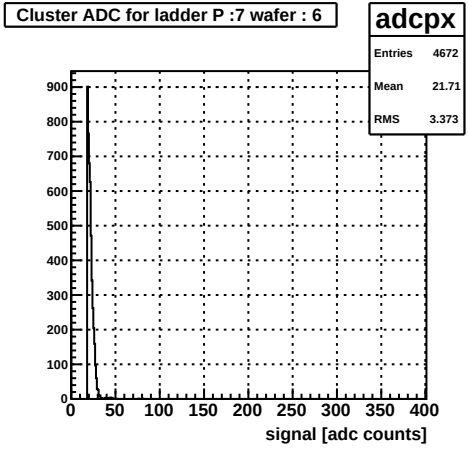

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 373
Mean 27.77
RMS 6.062
signal [adc counts]

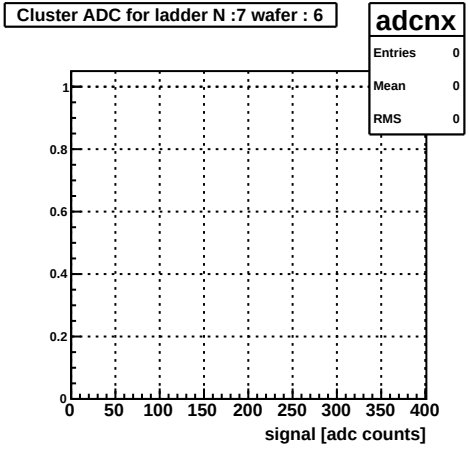

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

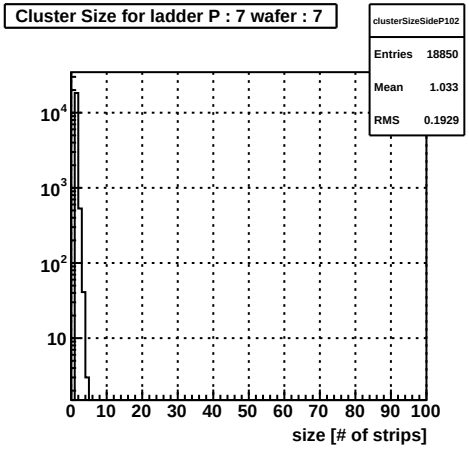

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4672
Mean 1.005
RMS 0.06846
size [# of strips]

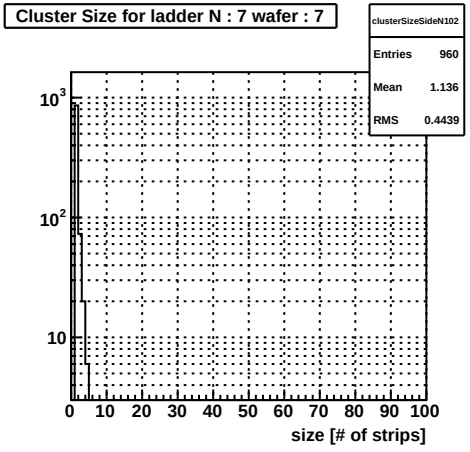

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

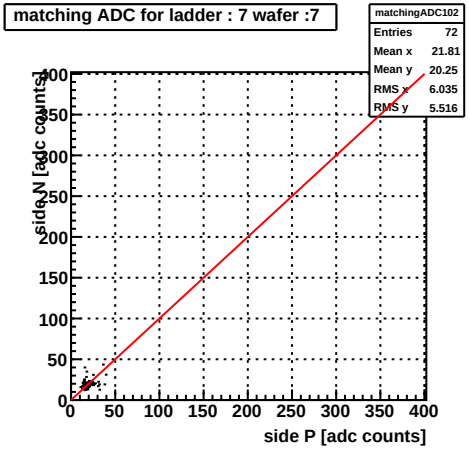

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

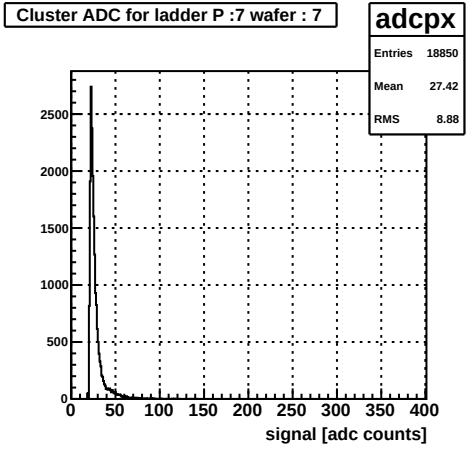

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4672
Mean 21.71
RMS 3.373
signal [adc counts]

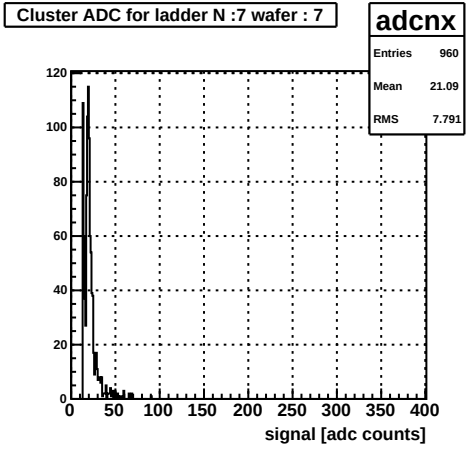

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

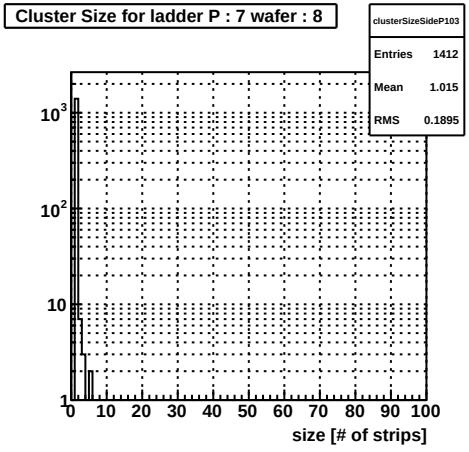

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 18850
Mean 1.033
RMS 0.1929
size [# of strips]

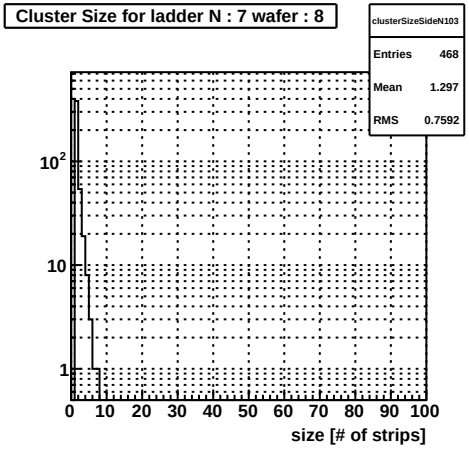

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 960
Mean 1.136
RMS 0.4439
size [# of strips]

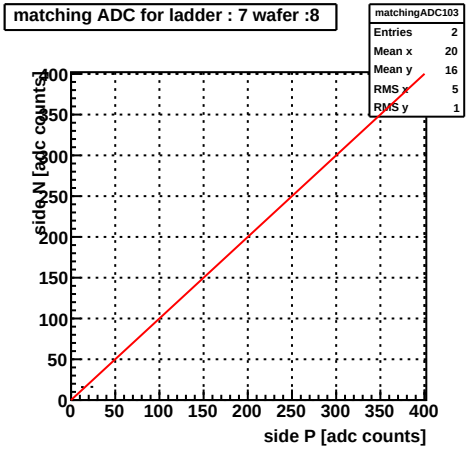

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 72
Mean x 21.81
Mean y 20.25
RMS x 6.035
RMS y 5.516
side N [adc counts]
side P [adc counts]

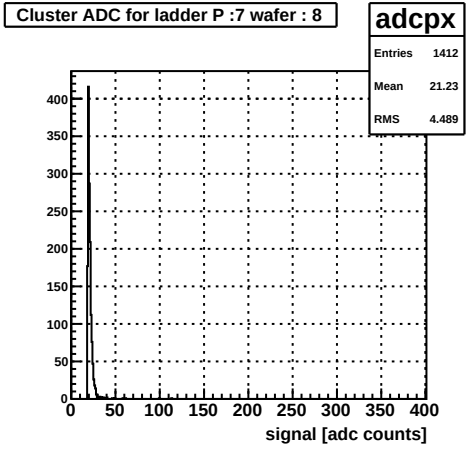

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 18850
Mean 27.42
RMS 8.88
signal [adc counts]

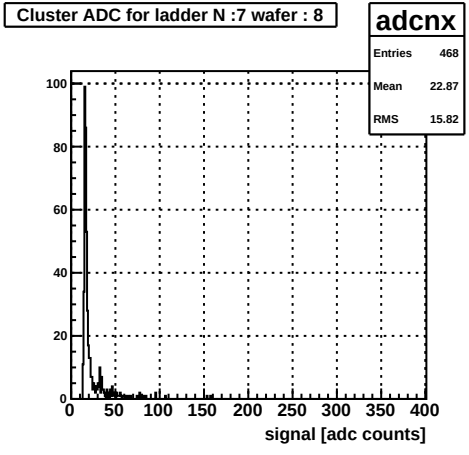

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 960
Mean 21.09
RMS 7.791
signal [adc counts]

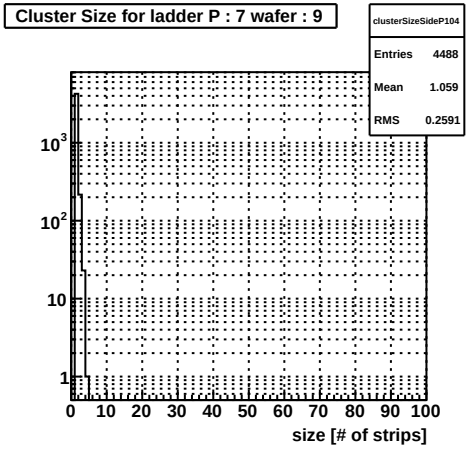

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1412
Mean 1.015
RMS 0.1895
size [# of strips]

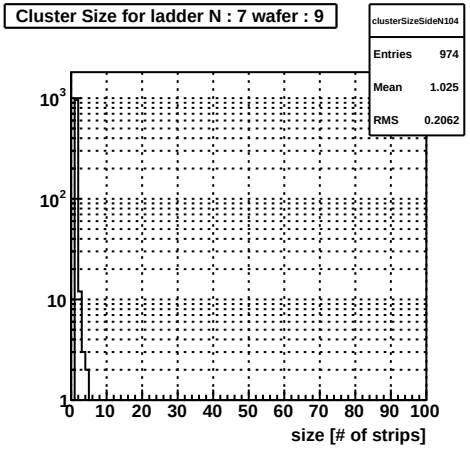

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 468
Mean 1.297
RMS 0.7592
size [# of strips]

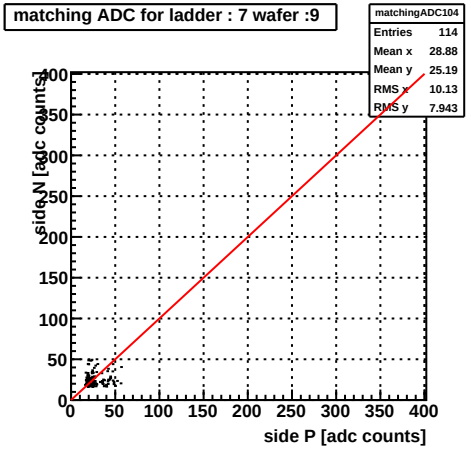

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2
Mean x 20
Mean y 16
RMS x 5
RMS y 1
side N [adc counts]
side P [adc counts]

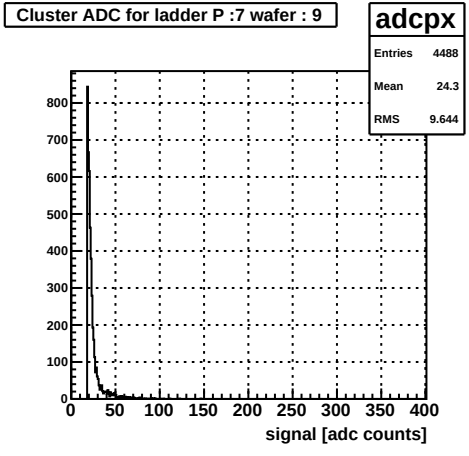

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1412
Mean 21.23
RMS 4.489
signal [adc counts]

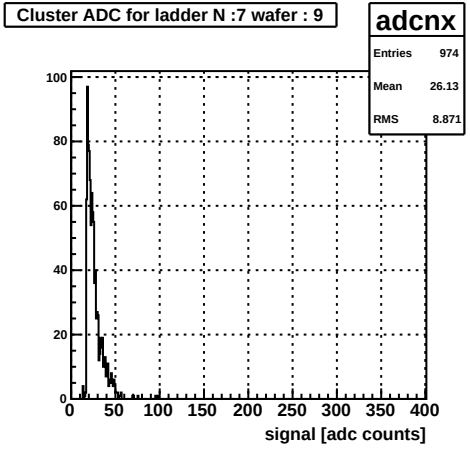

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 468
Mean 22.87
RMS 15.82
signal [adc counts]

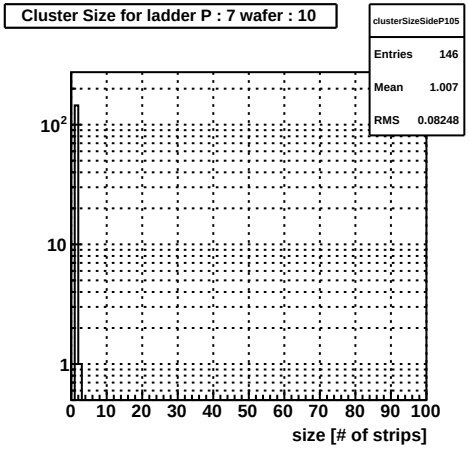

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4488
Mean 1.059
RMS 0.2591
size [# of strips]

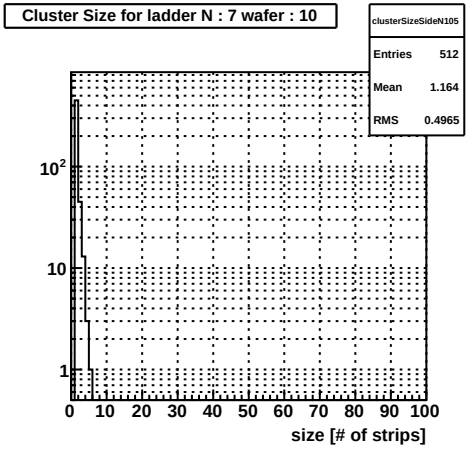

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 974
Mean 1.025
RMS 0.2062
size [# of strips]

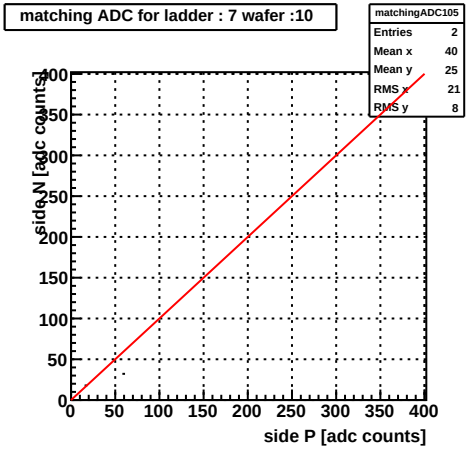

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 114
Mean x 28.88
Mean y 25.19
RMS x 10.13
RMS y 7.943
side N [adc counts]
side P [adc counts]

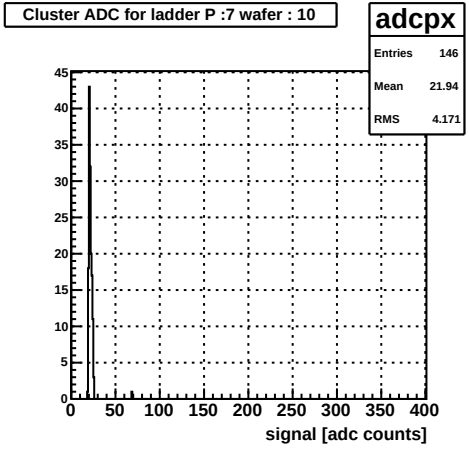

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4488
Mean 24.3
RMS 9.644
signal [adc counts]

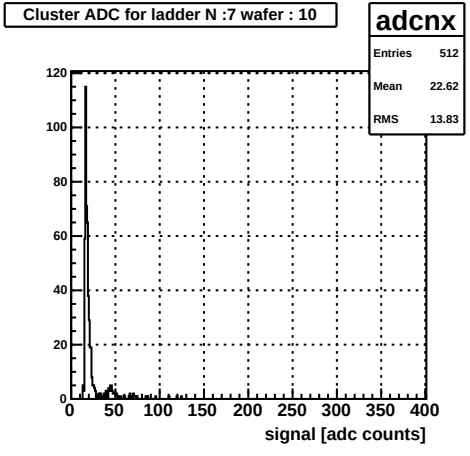

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 974
Mean 26.13
RMS 8.871
signal [adc counts]

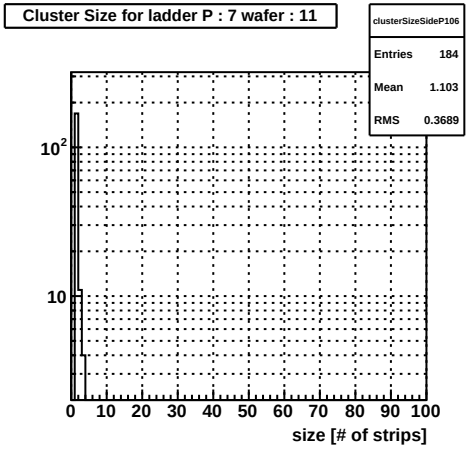

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 146
Mean 1.007
RMS 0.08248
size [# of strips]

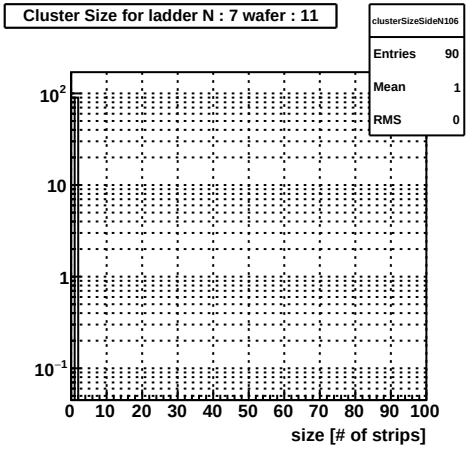

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 512
Mean 1.164
RMS 0.4965
size [# of strips]

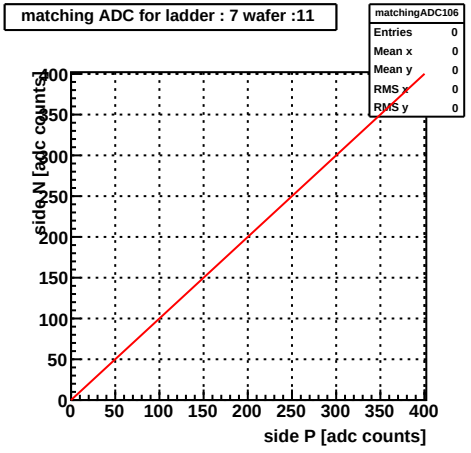

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2
Mean x 40
Mean y 25
RMS x 21
RMS y 8
side N [adc counts]
side P [adc counts]

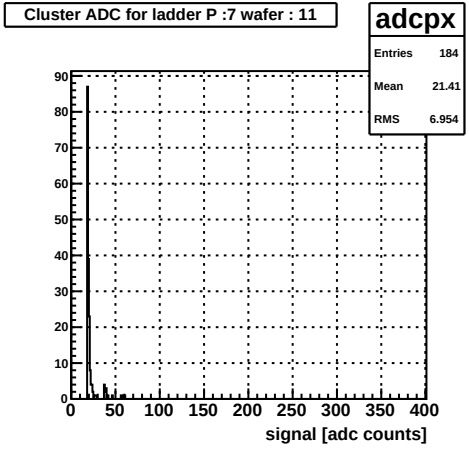

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 146
Mean 21.94
RMS 4.171
signal [adc counts]

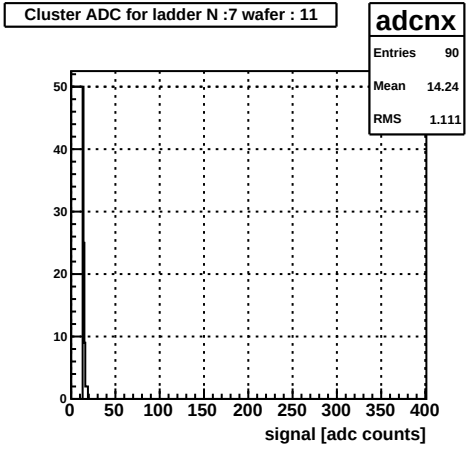

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 512
Mean 22.62
RMS 13.83
signal [adc counts]

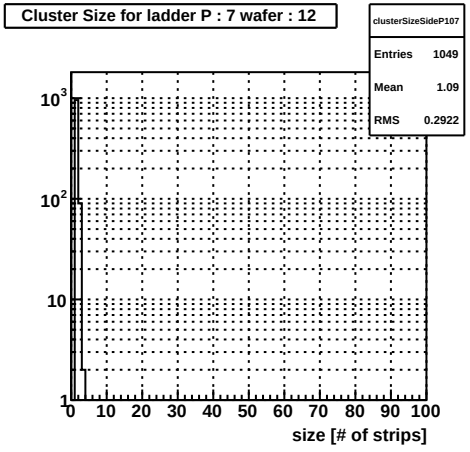

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 184
Mean 1.103
RMS 0.3689
size [# of strips]

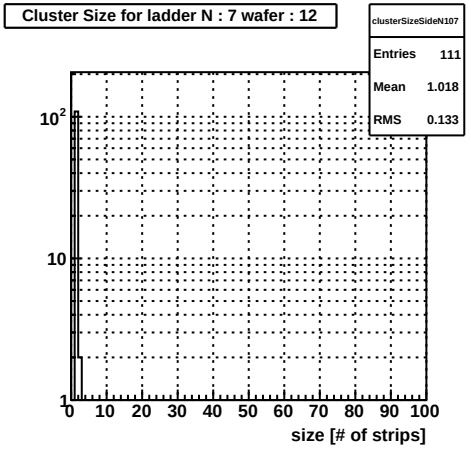

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 90
Mean 1
RMS 0
size [# of strips]

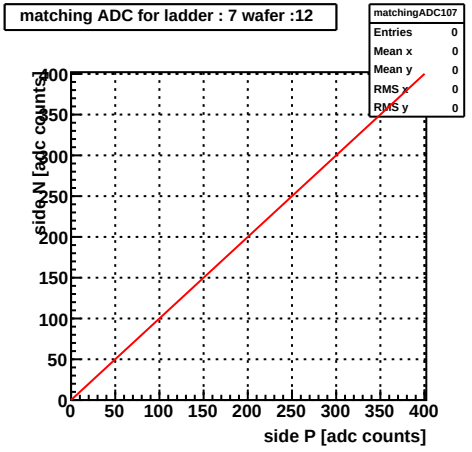

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

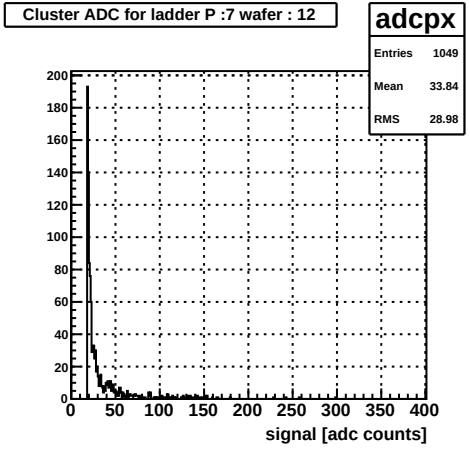

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 184
Mean 21.41
RMS 6.954
signal [adc counts]

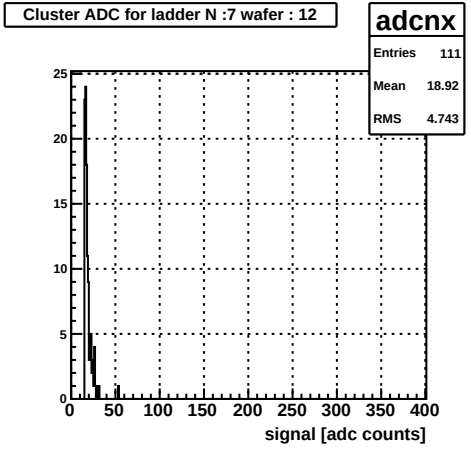

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 90
Mean 14.24
RMS 1.111
signal [adc counts]

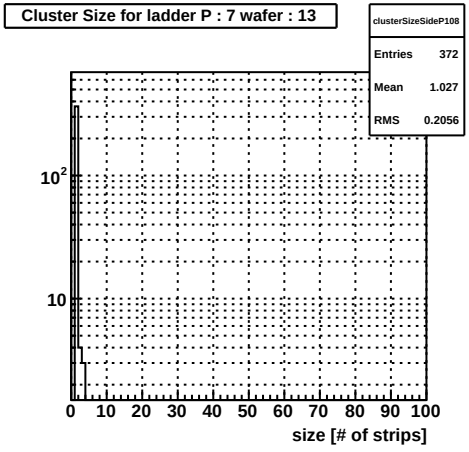

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1049
Mean 1.09
RMS 0.2922
size [# of strips]

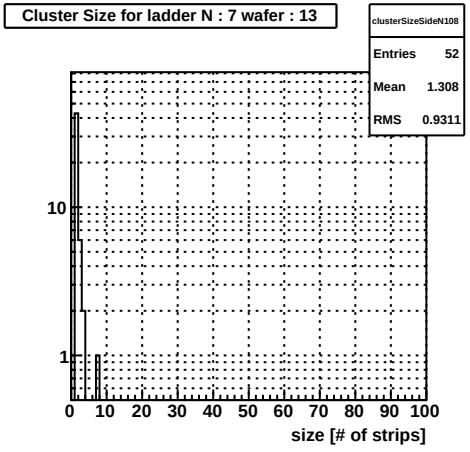

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 111
Mean 1.018
RMS 0.133
size [# of strips]

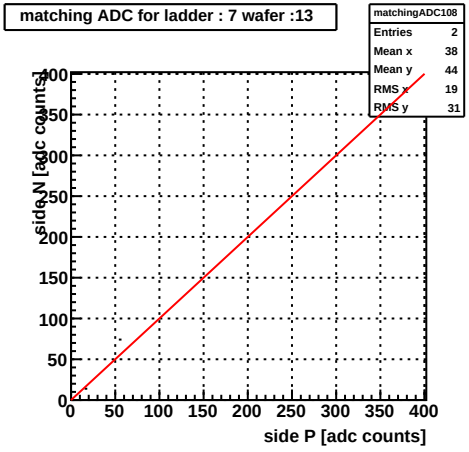

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

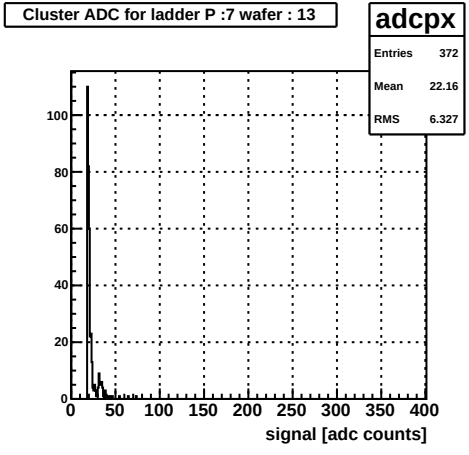

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1049
Mean 33.84
RMS 28.98
signal [adc counts]

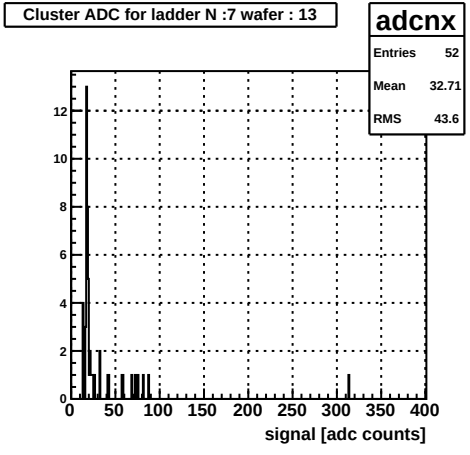

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 111
Mean 18.92
RMS 4.743
signal [adc counts]

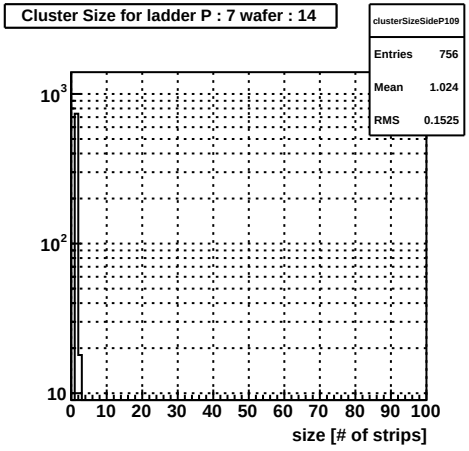

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 372
Mean 1.027
RMS 0.2056
size [# of strips]

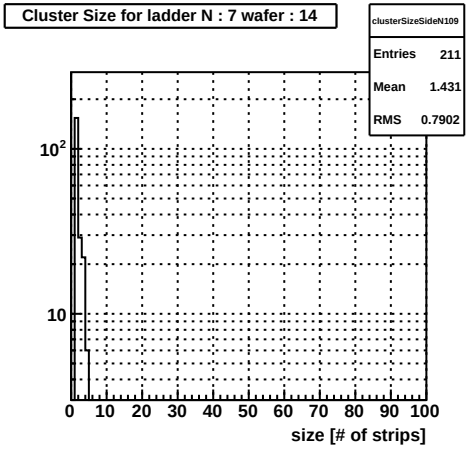

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 52
Mean 1.308
RMS 0.9311
size [# of strips]

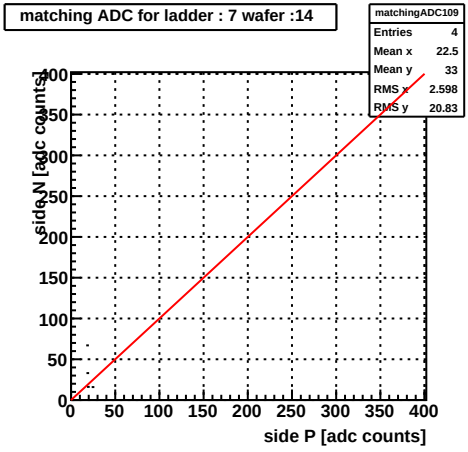

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 2
Mean x 38
Mean y 44
RMS x 19
RMS y 31
side N [adc counts]
side P [adc counts]

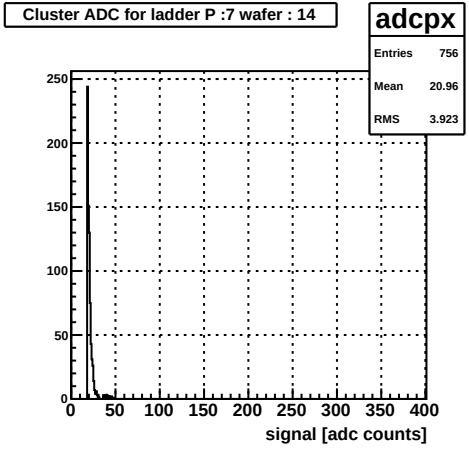

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 372
Mean 22.16
RMS 6.327
signal [adc counts]

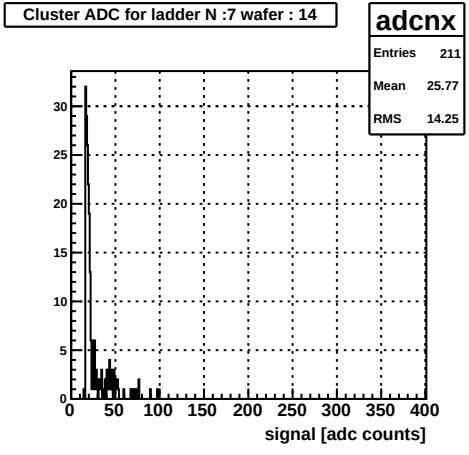

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 52
Mean 32.71
RMS 43.6
signal [adc counts]

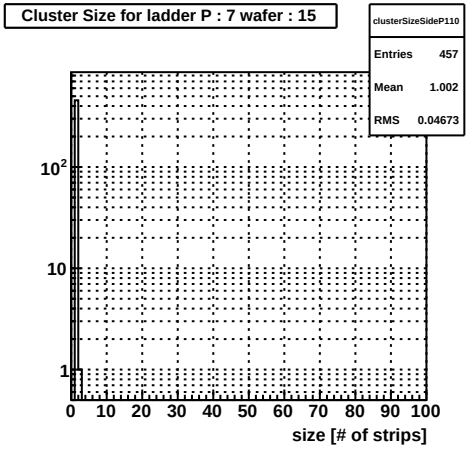

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 756
Mean 1.024
RMS 0.1525
size [# of strips]

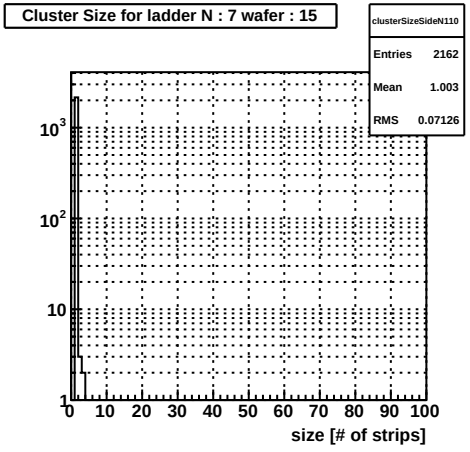

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 211
Mean 1.431
RMS 0.7902
size [# of strips]

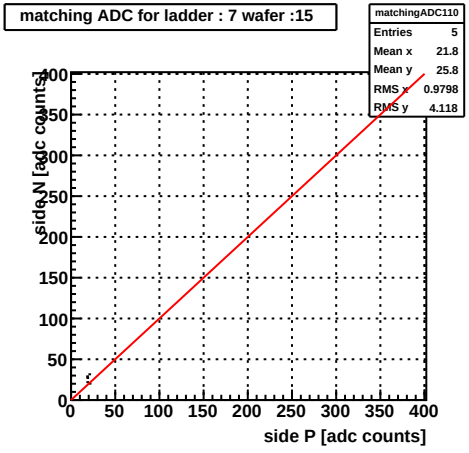

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 4
Mean x 22.5
Mean y 33
RMS x 2.598
RMS y 20.83
side N [adc counts]
side P [adc counts]

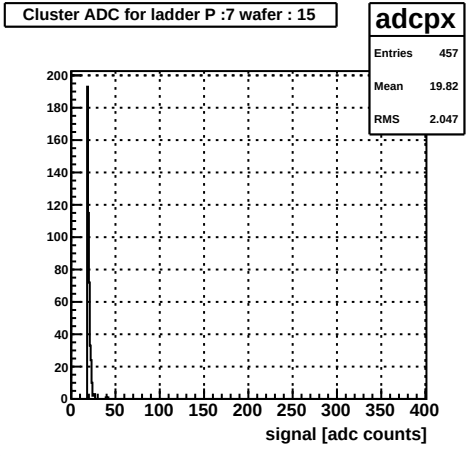

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 756
Mean 20.96
RMS 3.923
signal [adc counts]

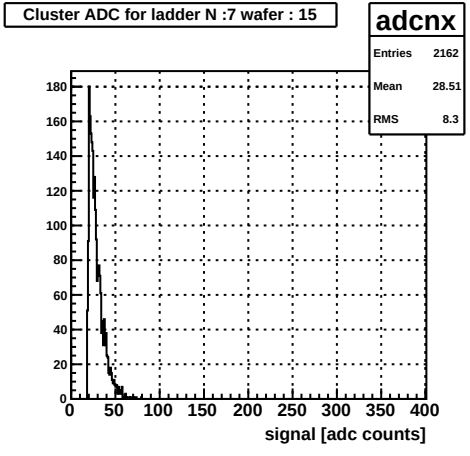

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 211
Mean 25.77
RMS 14.25
signal [adc counts]

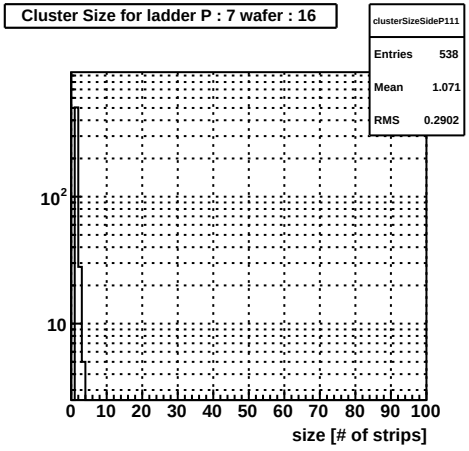

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 457
Mean 1.002
RMS 0.04673
size [# of strips]

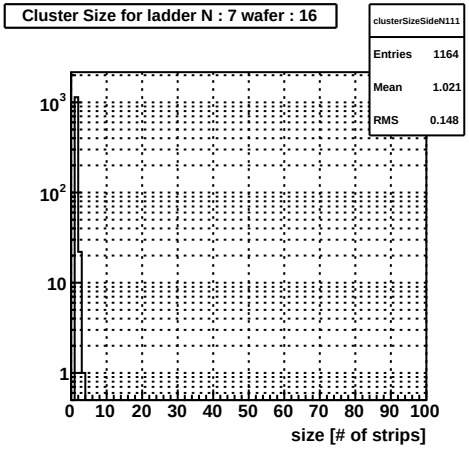

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2162
Mean 1.003
RMS 0.07126
size [# of strips]

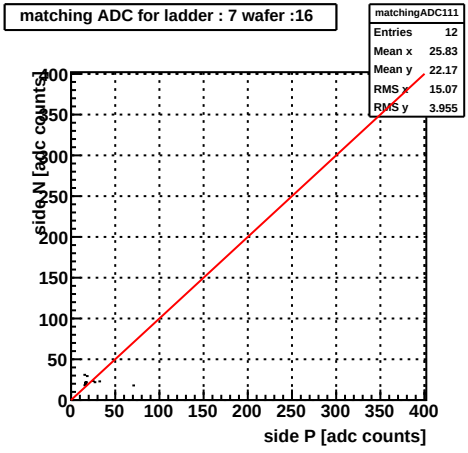

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 5
Mean x 21.8
Mean y 25.8
RMS x 0.9798
RMS y 4.118
side N [adc counts]
side P [adc counts]

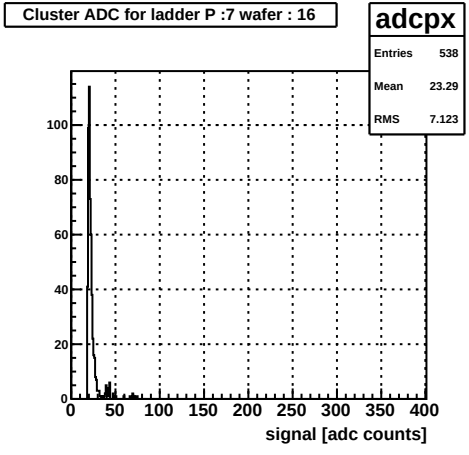

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 457
Mean 19.82
RMS 2.047
signal [adc counts]

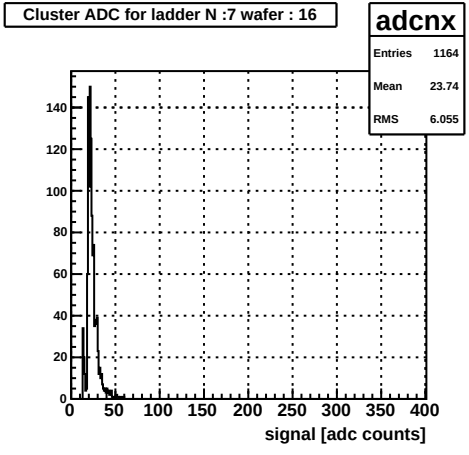

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2162
Mean 28.51
RMS 8.3
signal [adc counts]

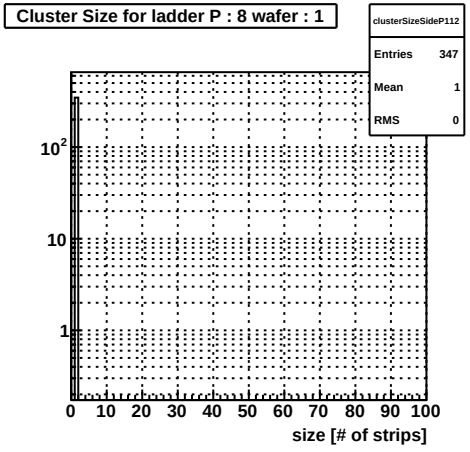

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 538
Mean 1.071
RMS 0.2902
size [# of strips]

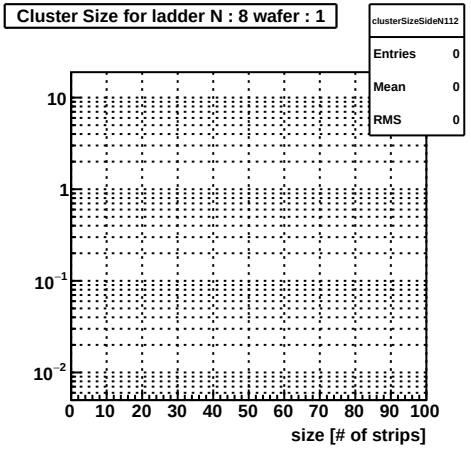

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1164
Mean 1.021
RMS 0.148
size [# of strips]

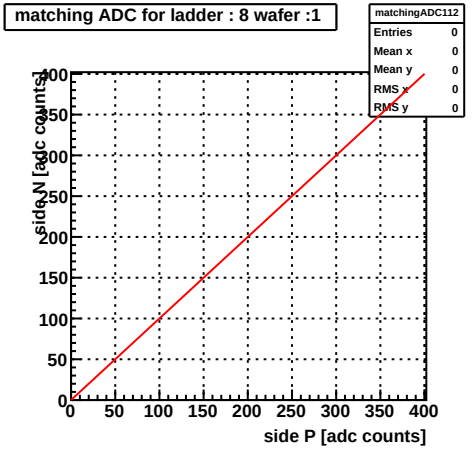

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 12
Mean x 25.83
Mean y 22.17
RMS x 15.07
RMS y 3.955
side N [adc counts]
side P [adc counts]

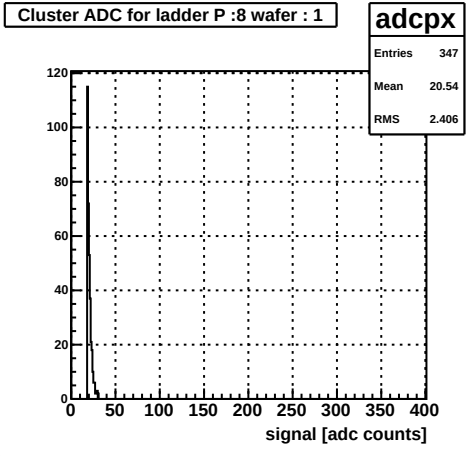

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 538
Mean 23.29
RMS 7.123
signal [adc counts]

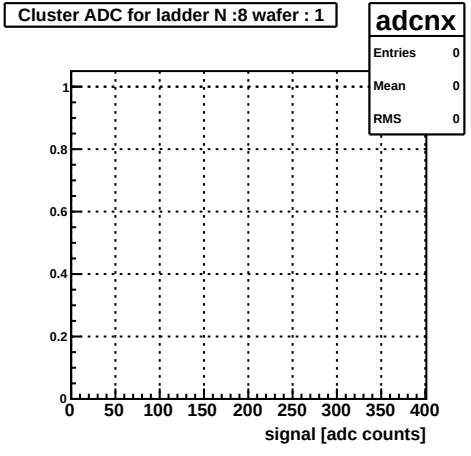

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1164
Mean 23.74
RMS 6.055
signal [adc counts]

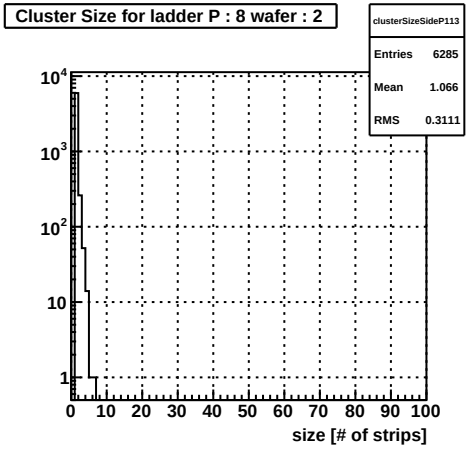

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 347
Mean 1
RMS 0
size [# of strips]

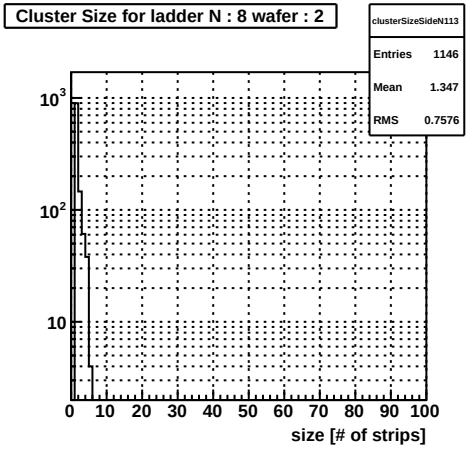

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

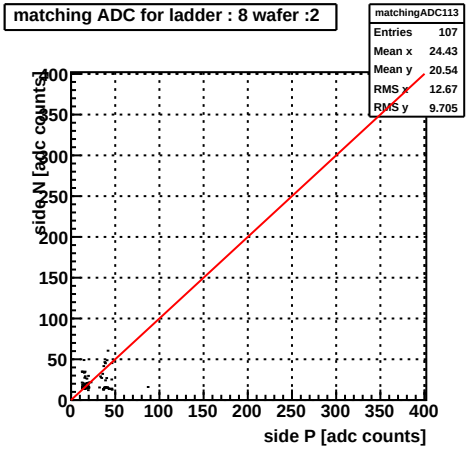

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

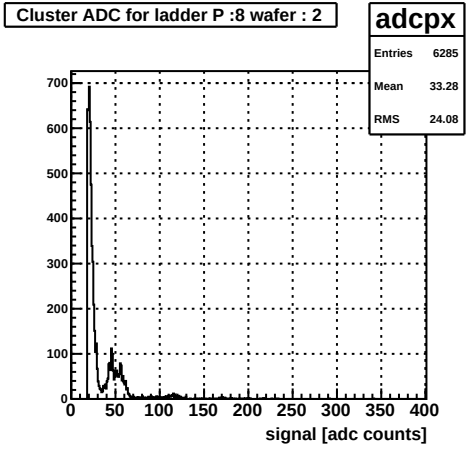

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 347
Mean 20.54
RMS 2.406
signal [adc counts]

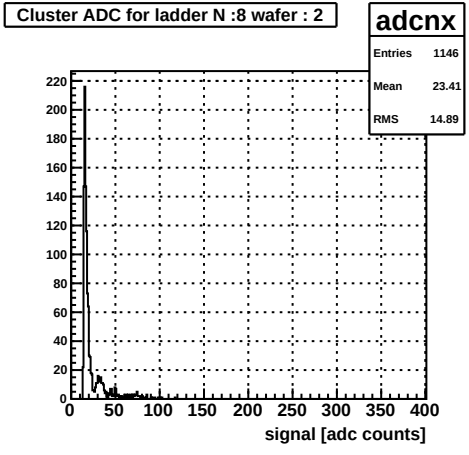

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

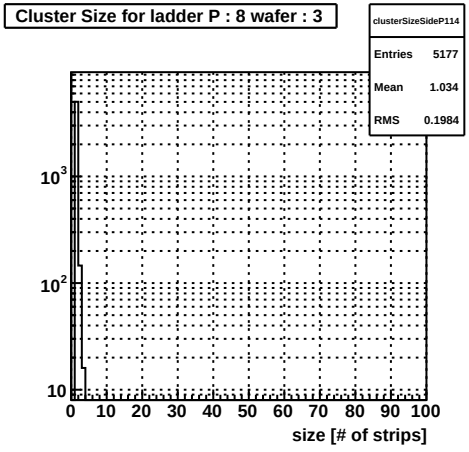

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6285
Mean 1.066
RMS 0.3111
size [# of strips]

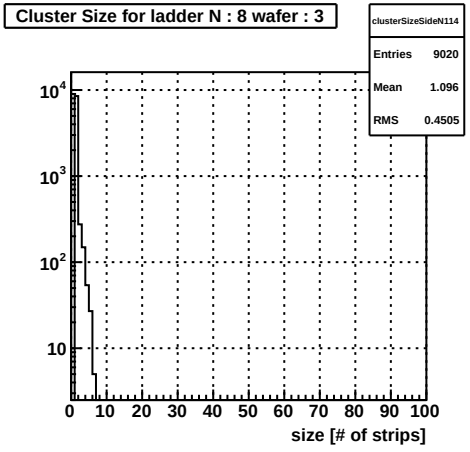

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1146
Mean 1.347
RMS 0.7576
size [# of strips]

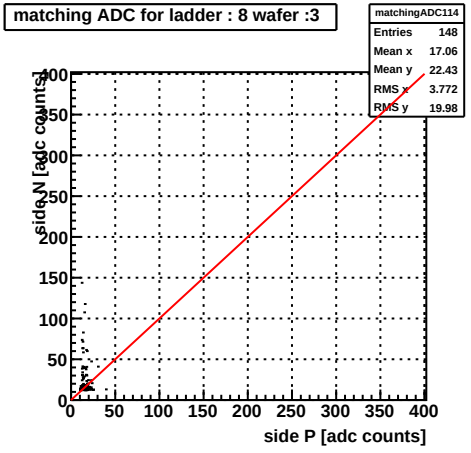

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 107
Mean x 24.43
Mean y 20.54
RMS x 12.67
RMS y 9.705
side N [adc counts]
side P [adc counts]

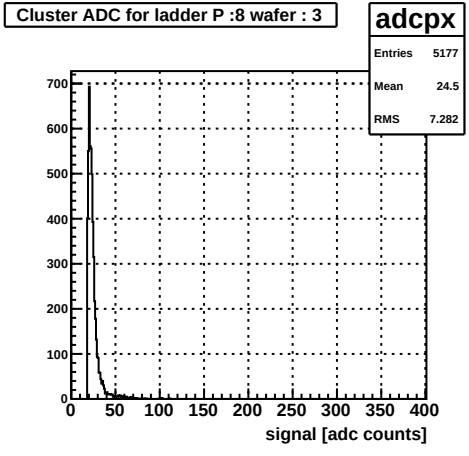

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6285
Mean 33.28
RMS 24.08
signal [adc counts]

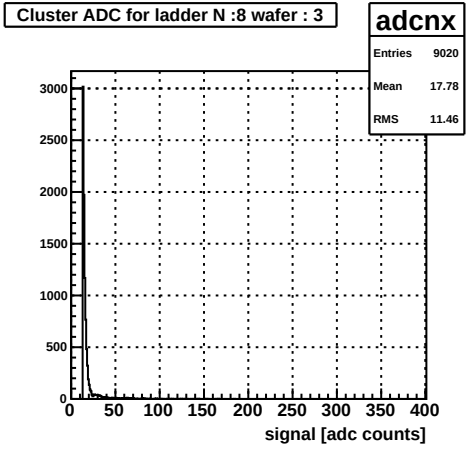

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1146
Mean 23.41
RMS 14.89
signal [adc counts]

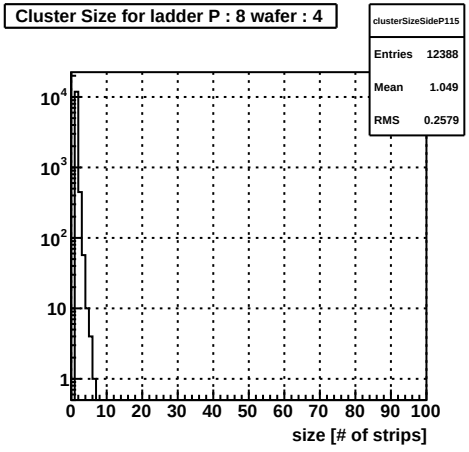

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5177
Mean 1.034
RMS 0.1984
size [# of strips]

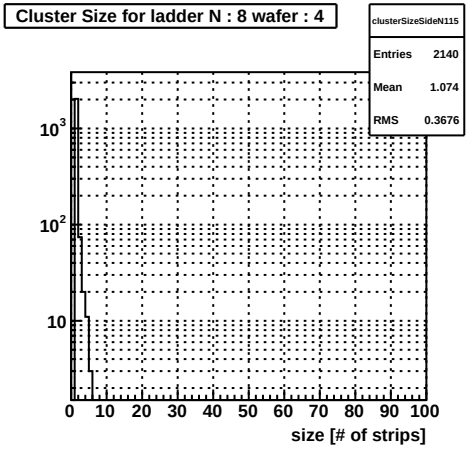

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9020
Mean 1.096
RMS 0.4505
size [# of strips]

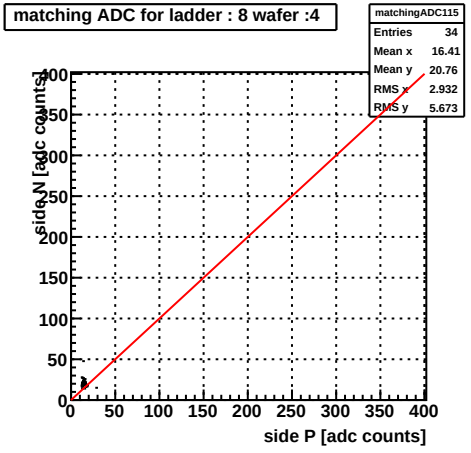

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 148
Mean x 17.06
Mean y 22.43
RMS x 3.772
RMS y 19.98
side N [adc counts]
side P [adc counts]

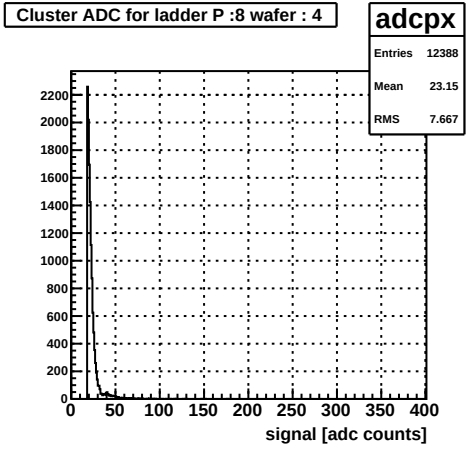

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5177
Mean 24.5
RMS 7.282
signal [adc counts]

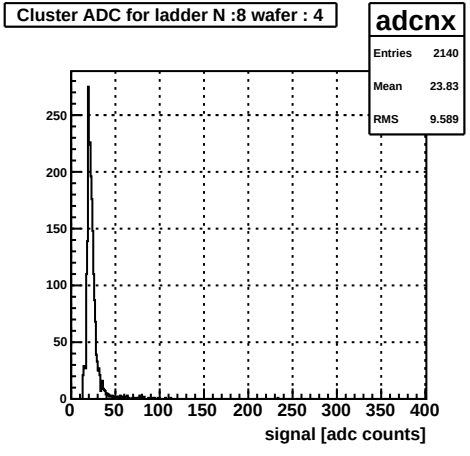

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9020
Mean 17.78
RMS 11.46
signal [adc counts]

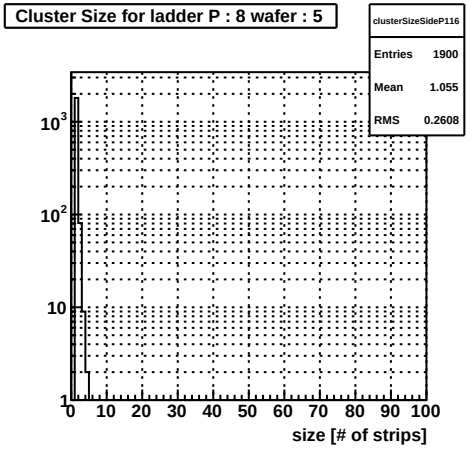

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12388
Mean 1.049
RMS 0.2579
size [# of strips]

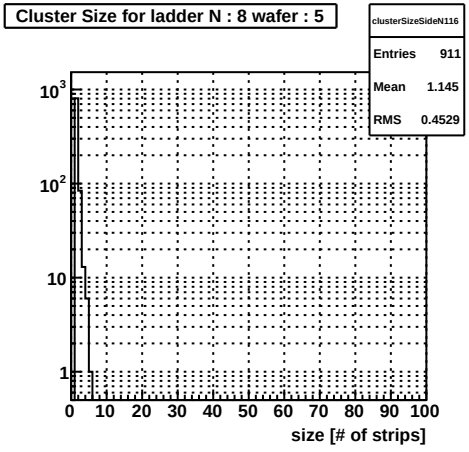

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2140
Mean 1.074
RMS 0.3676
size [# of strips]

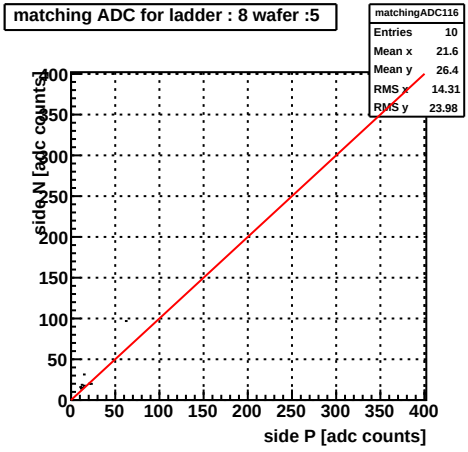

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 34
Mean x 16.41
Mean y 20.76
RMS x 2.932
RMS y 5.673
side N [adc counts]
side P [adc counts]

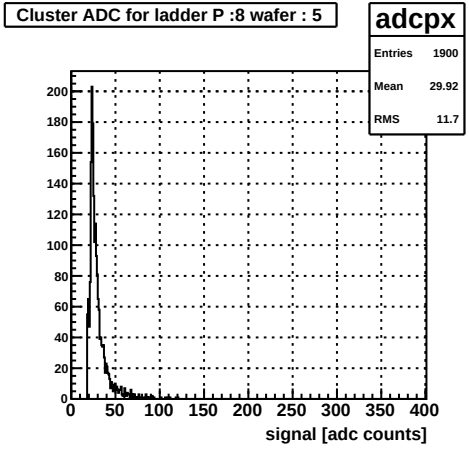

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12388
Mean 23.15
RMS 7.667
signal [adc counts]

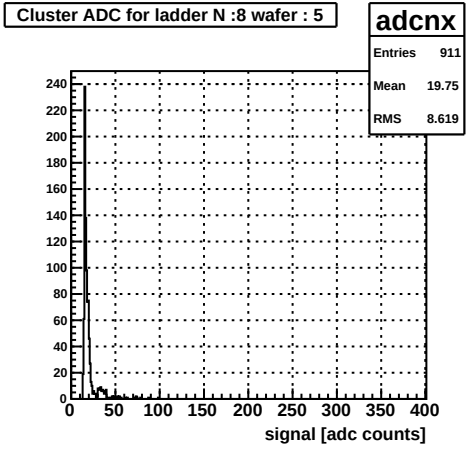

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2140
Mean 23.83
RMS 9.589
signal [adc counts]

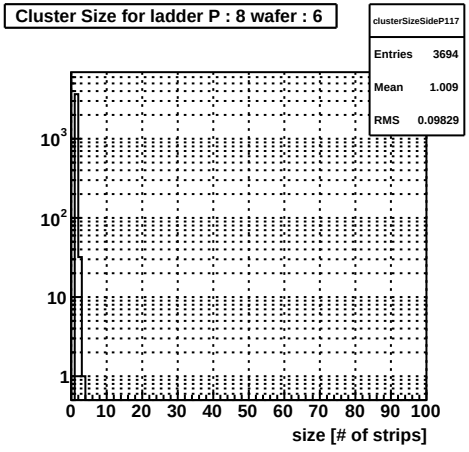

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1900
Mean 1.055
RMS 0.2608
size [# of strips]

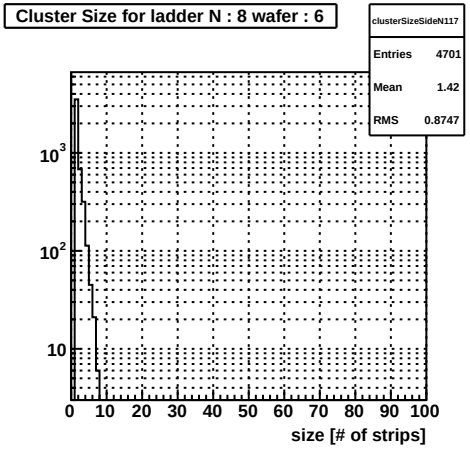

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 911
Mean 1.145
RMS 0.4529
size [# of strips]

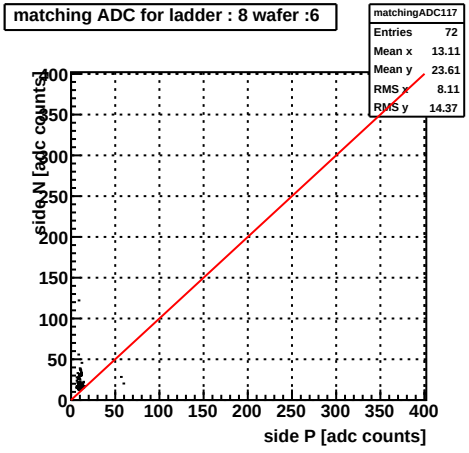

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 10
Mean x 21.6
Mean y 26.4
RMS x 14.31
RMS y 23.98
side N [adc counts]
side P [adc counts]

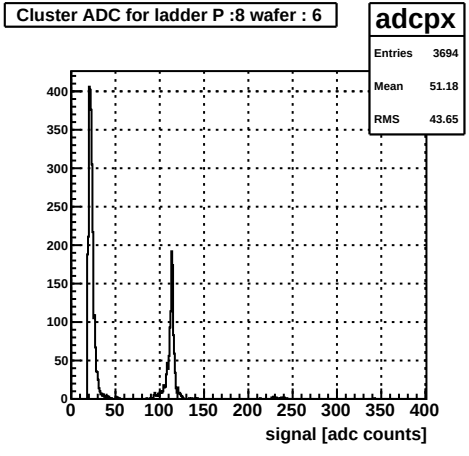

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1900
Mean 29.92
RMS 11.7
signal [adc counts]

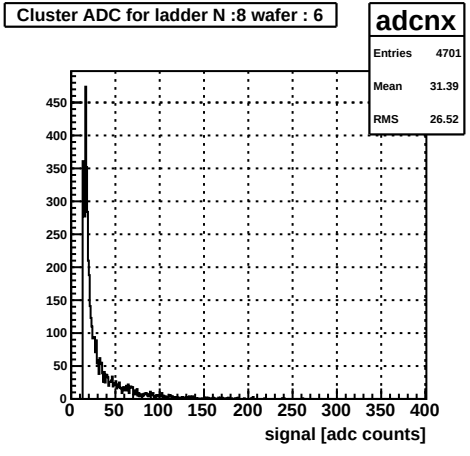

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 911
Mean 19.75
RMS 8.619
signal [adc counts]

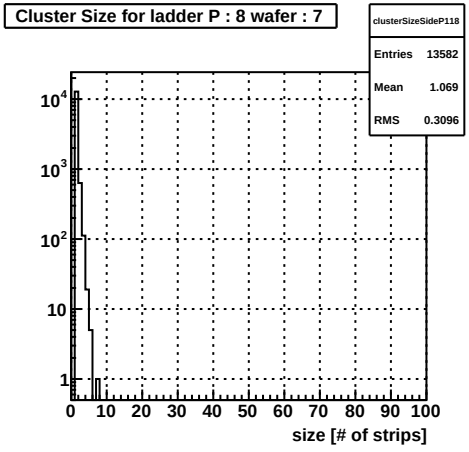

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 3694
Mean 1.009
RMS 0.09829
size [# of strips]

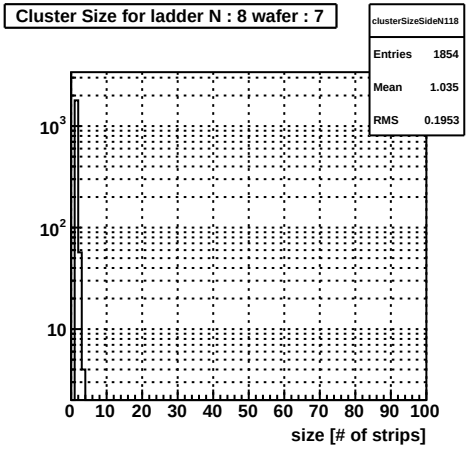

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4701
Mean 1.42
RMS 0.8747
size [# of strips]

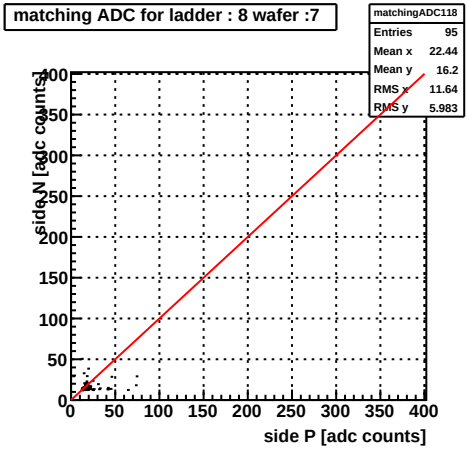

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 72
Mean x 13.11
Mean y 23.61
RMS x 8.11
RMS y 14.37
side N [adc counts]
side P [adc counts]

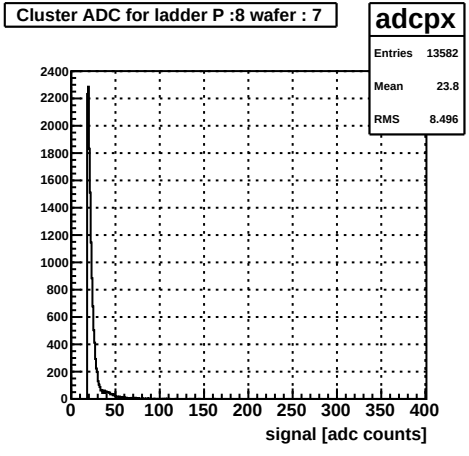

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 3694
Mean 51.18
RMS 43.65
signal [adc counts]

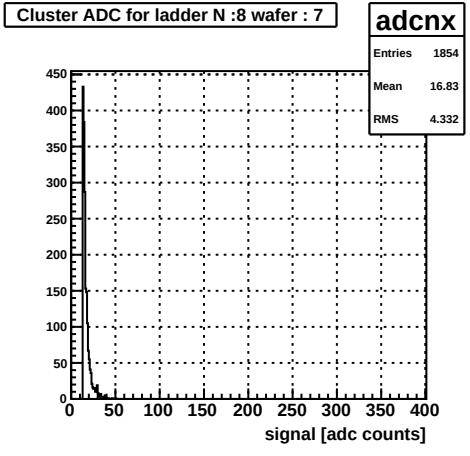

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4701
Mean 31.39
RMS 26.52
signal [adc counts]

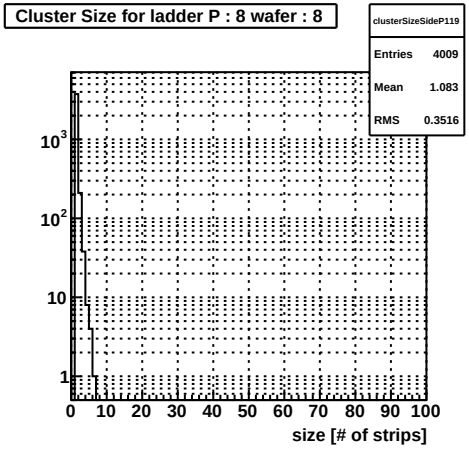

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13582
Mean 1.069
RMS 0.3096
size [# of strips]

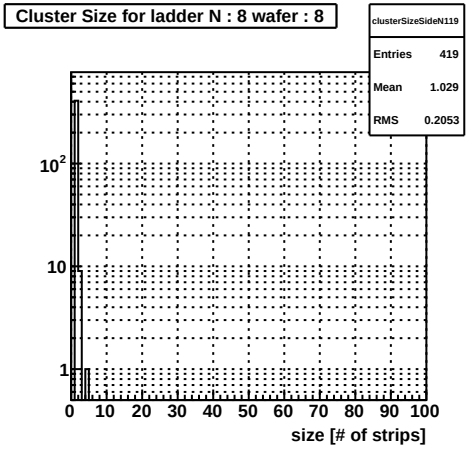

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1854
Mean 1.035
RMS 0.1953
size [# of strips]

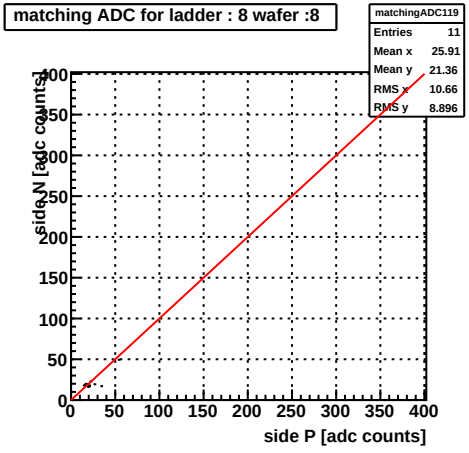

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 95
Mean x 22.44
Mean y 16.2
RMS x 11.64
RMS y 5.983
side N [adc counts]
side P [adc counts]

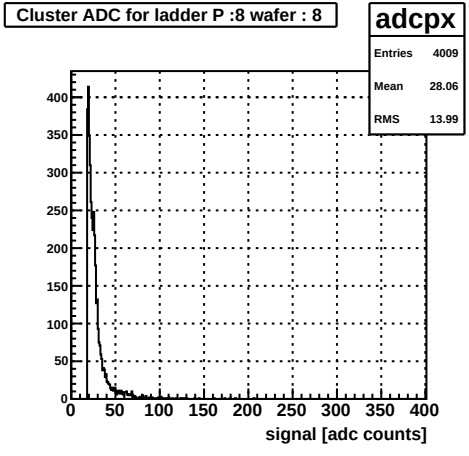

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13582
Mean 23.8
RMS 8.496
signal [adc counts]

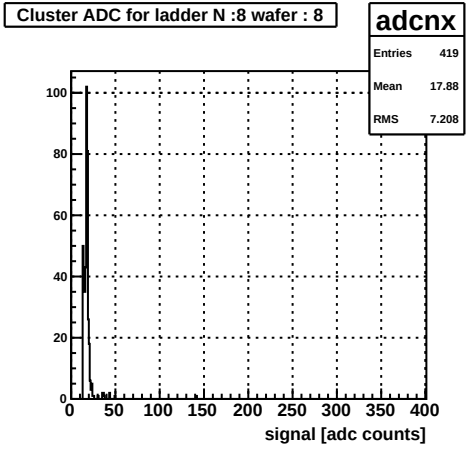

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1854
Mean 16.83
RMS 4.332
signal [adc counts]

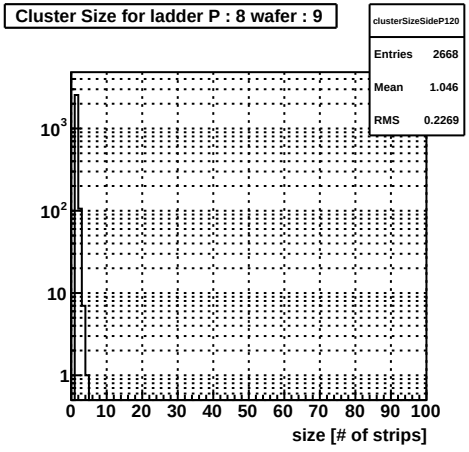

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4009
Mean 1.083
RMS 0.3516
size [# of strips]

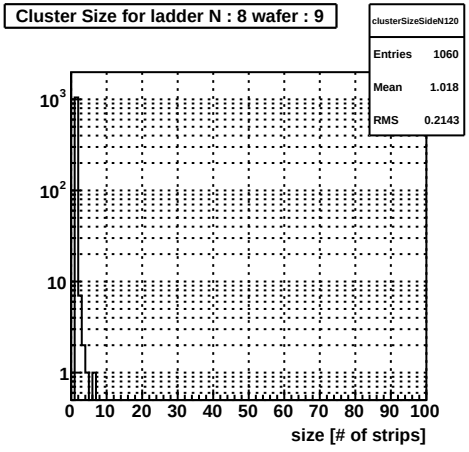

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 419
Mean 1.029
RMS 0.2053
size [# of strips]

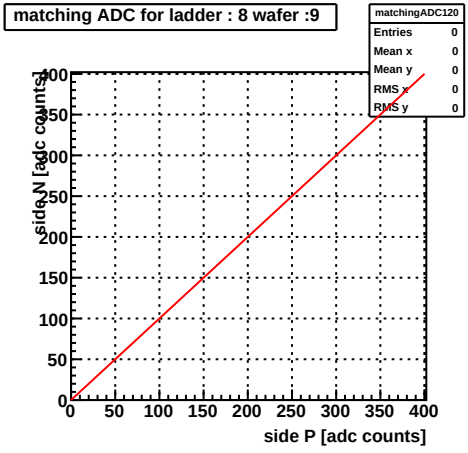

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 11
Mean x 25.91
Mean y 21.36
RMS x 10.66
RMS y 8.896
side N [adc counts]
side P [adc counts]

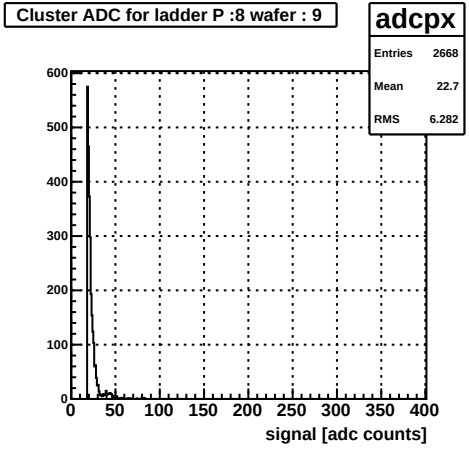

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4009
Mean 28.06
RMS 13.99
signal [adc counts]

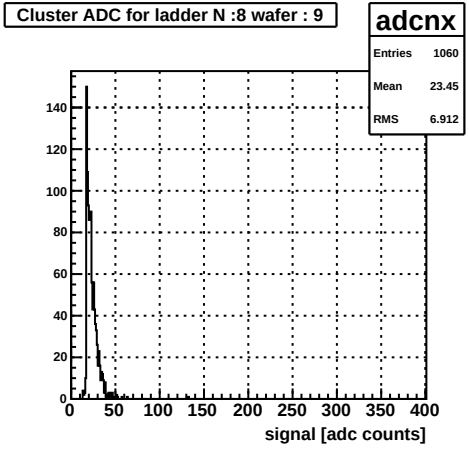

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 419
Mean 17.88
RMS 7.208
signal [adc counts]

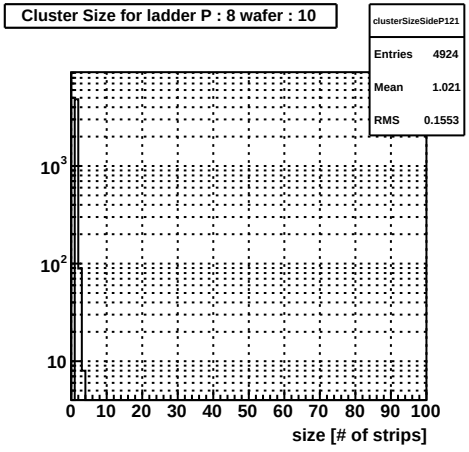

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2668
Mean 1.046
RMS 0.2269
size [# of strips]

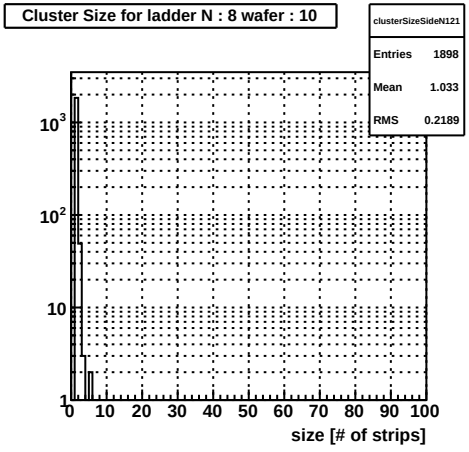

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1060
Mean 1.018
RMS 0.2143
size [# of strips]

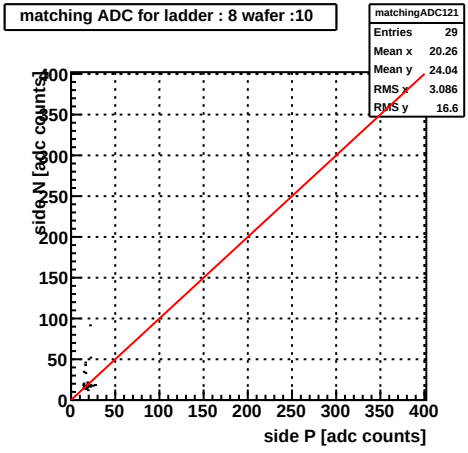

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

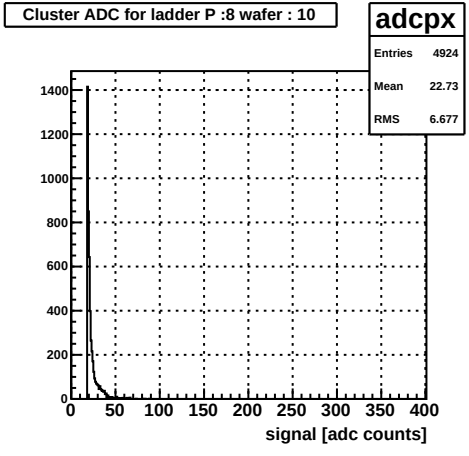

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2668
Mean 22.7
RMS 6.282
signal [adc counts]

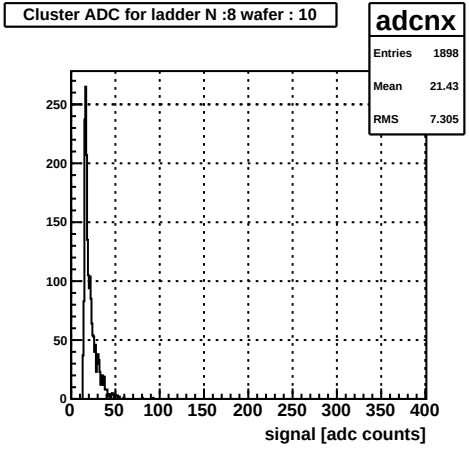

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1060
Mean 23.45
RMS 6.912
signal [adc counts]

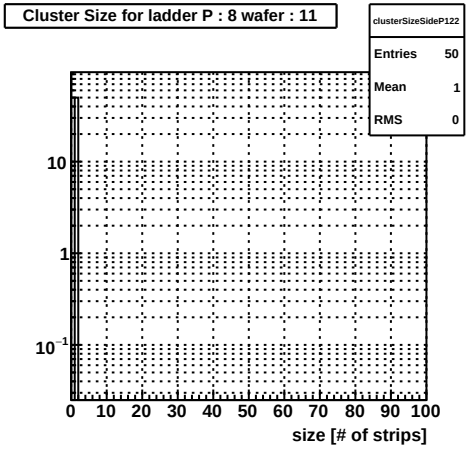

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4924
Mean 1.021
RMS 0.1553
size [# of strips]

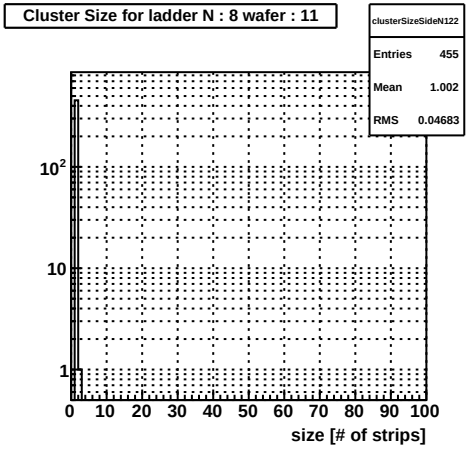

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1898
Mean 1.033
RMS 0.2189
size [# of strips]

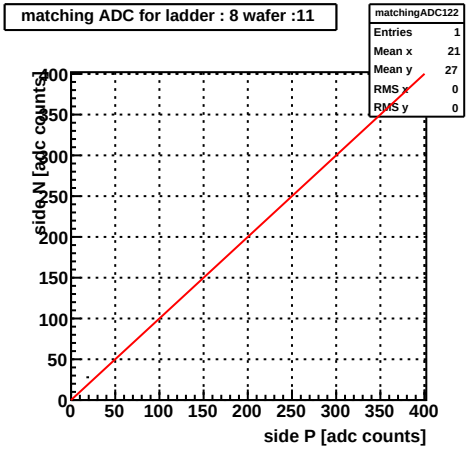

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 29
Mean x 20.26
Mean y 24.04
RMS x 3.086
RMS y 16.6
side N [adc counts]
side P [adc counts]

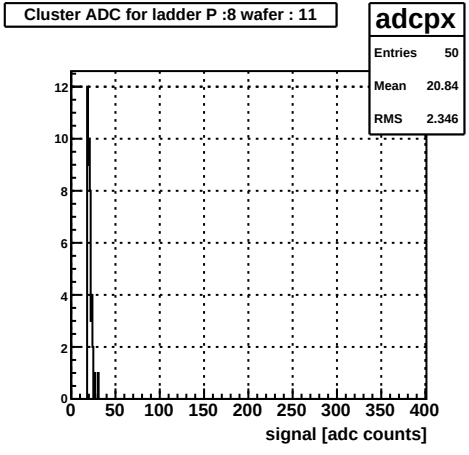

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4924
Mean 22.73
RMS 6.677
signal [adc counts]

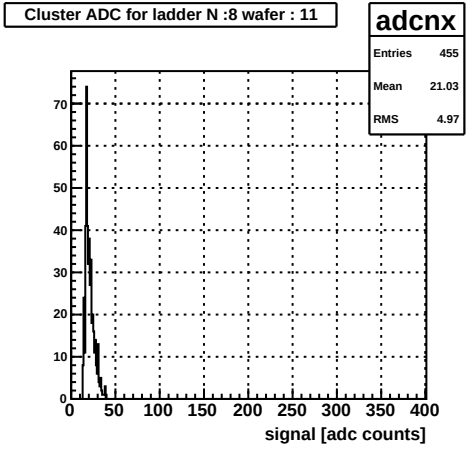

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1898
Mean 21.43
RMS 7.305
signal [adc counts]

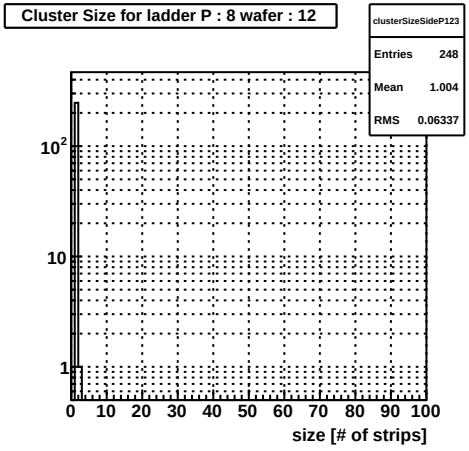

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 50
Mean 1
RMS 0
size [# of strips]

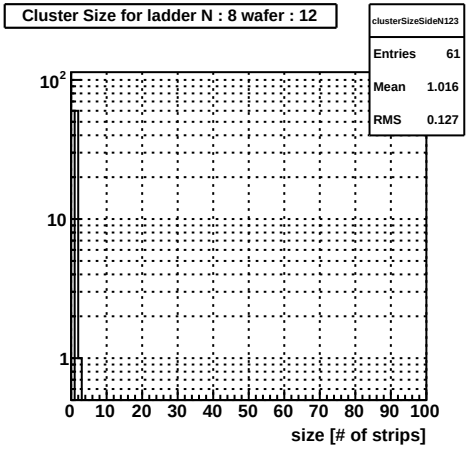

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 455
Mean 1.002
RMS 0.04683
size [# of strips]

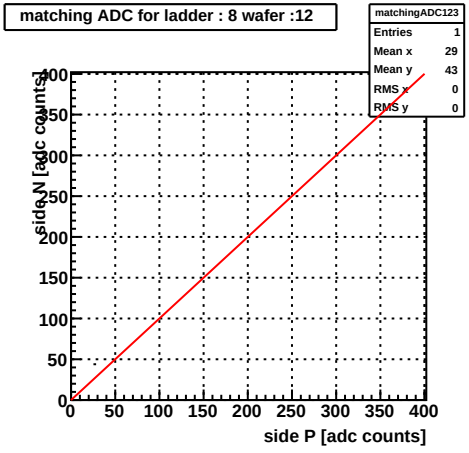

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1
Mean x 21
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

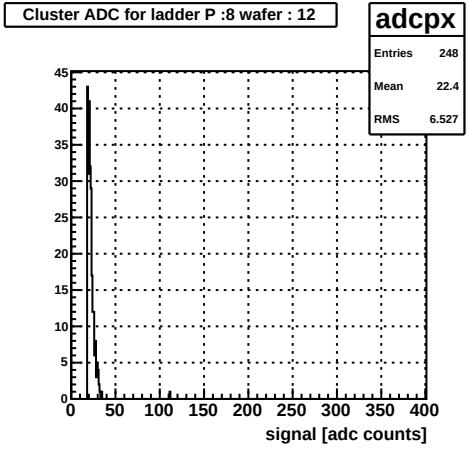

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 50
Mean 20.84
RMS 2.346
signal [adc counts]

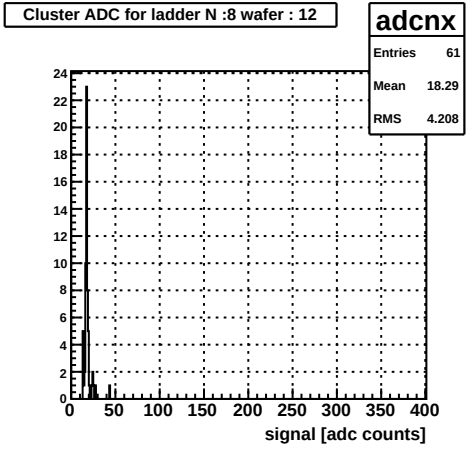

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 455
Mean 21.03
RMS 4.97
signal [adc counts]

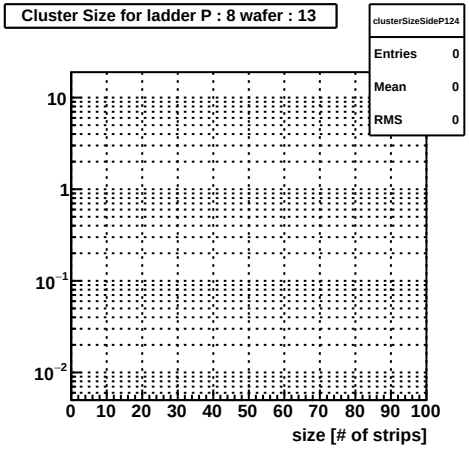

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 248
Mean 1.004
RMS 0.06337
size [# of strips]

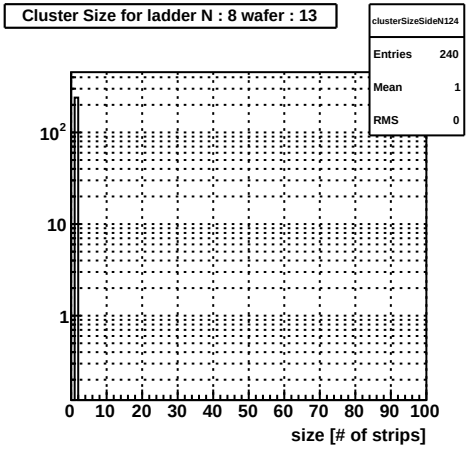

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 61
Mean 1.016
RMS 0.127
size [# of strips]

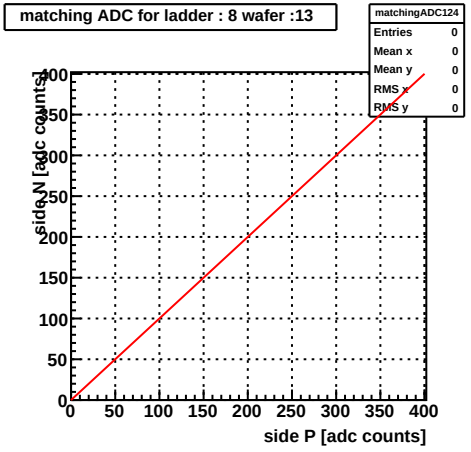

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1
Mean x 29
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

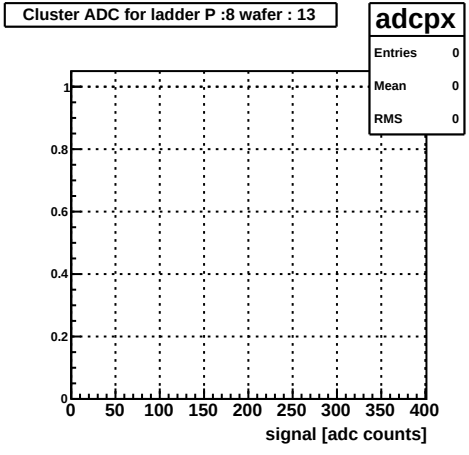

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 248
Mean 22.4
RMS 6.527
signal [adc counts]

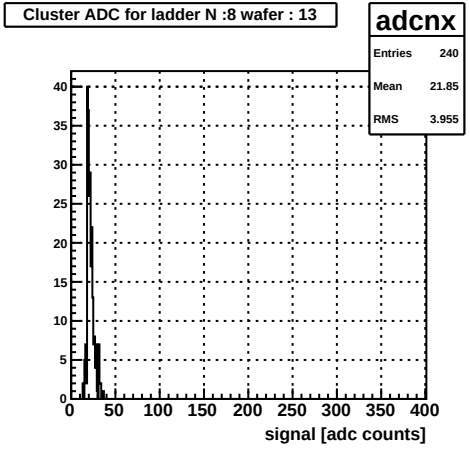

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 61
Mean 18.29
RMS 4.208
signal [adc counts]

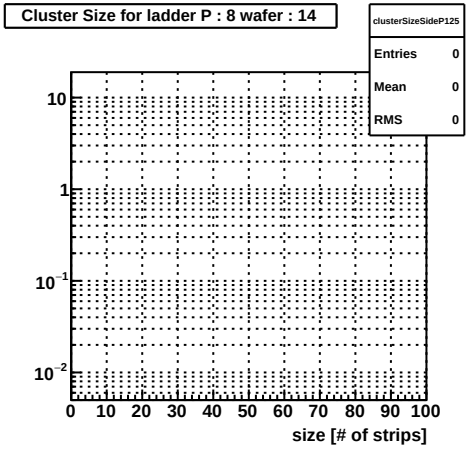

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

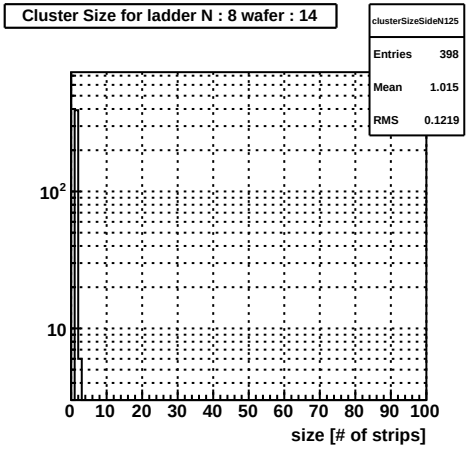

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 240
Mean 1
RMS 0
size [# of strips]

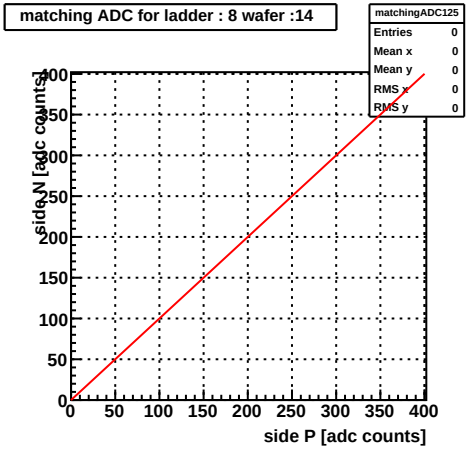

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

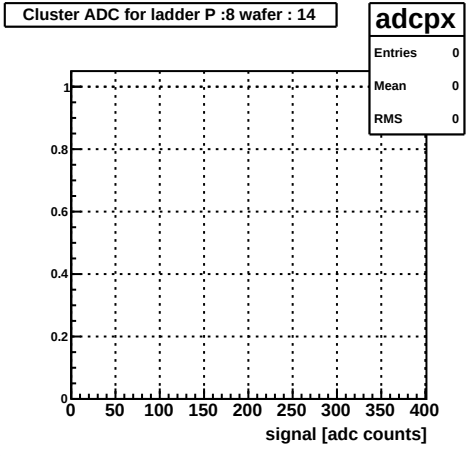

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

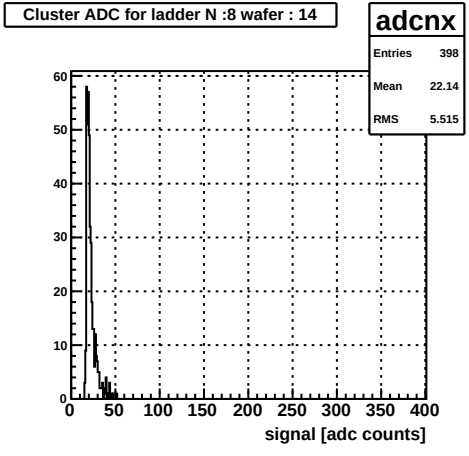

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 240
Mean 21.85
RMS 3.955
signal [adc counts]

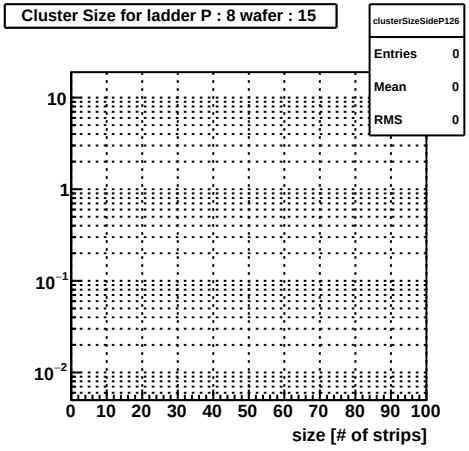

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

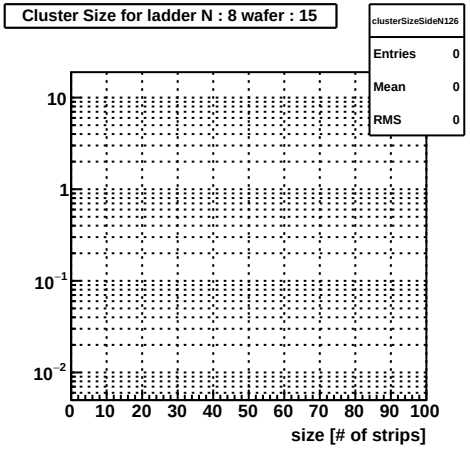

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 398
Mean 1.015
RMS 0.1219
size [# of strips]

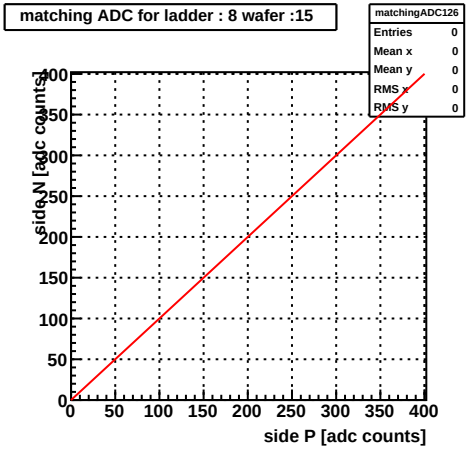

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

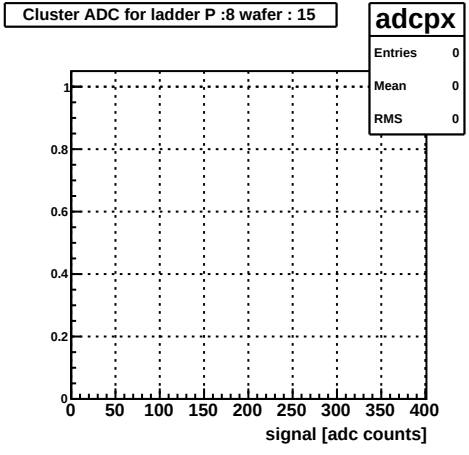

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

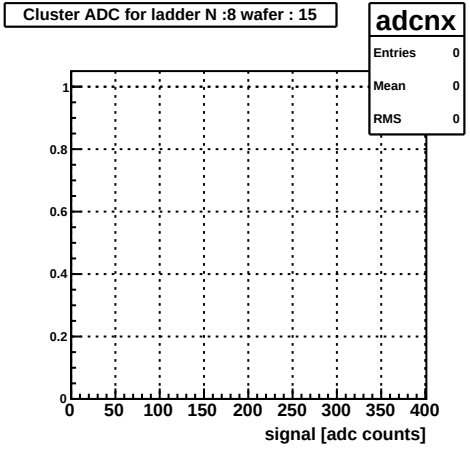

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 398
Mean 22.14
RMS 5.515
signal [adc counts]

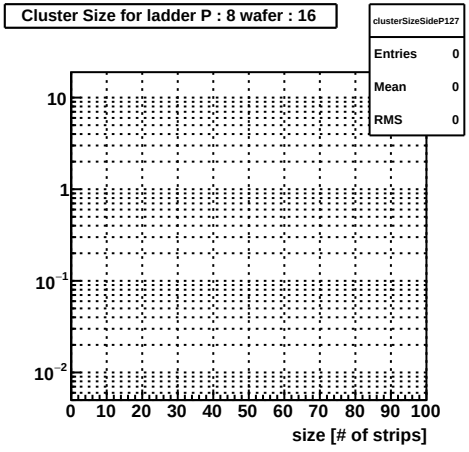

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

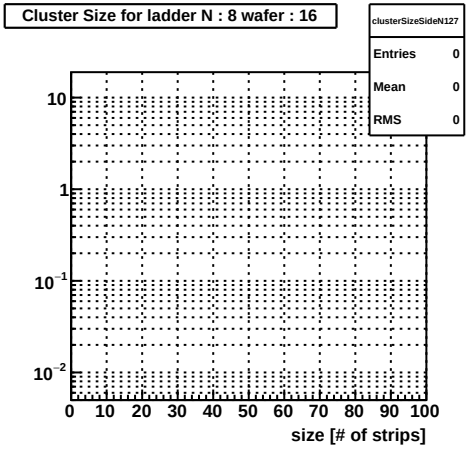

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

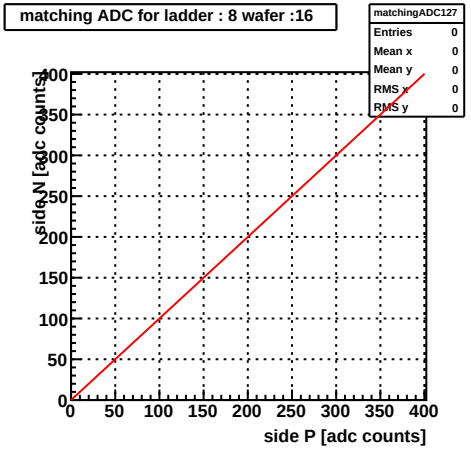

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

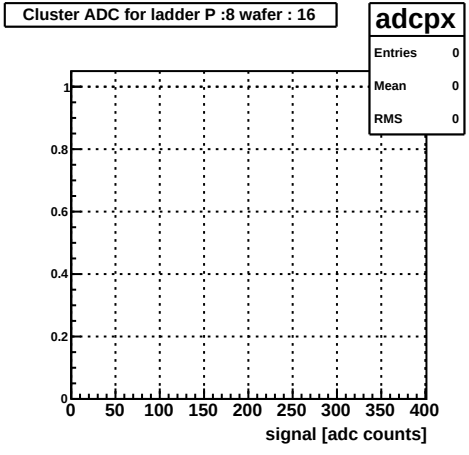

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

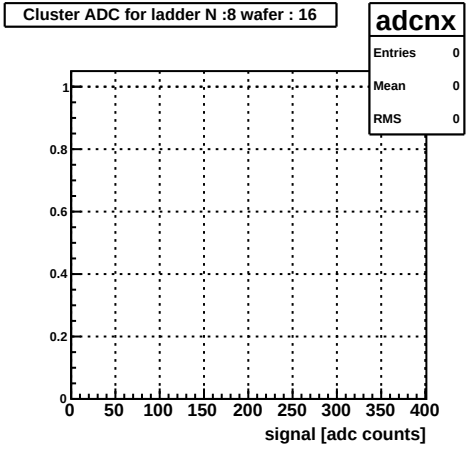

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

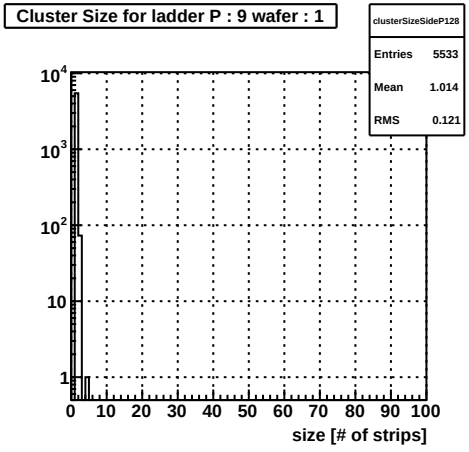

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

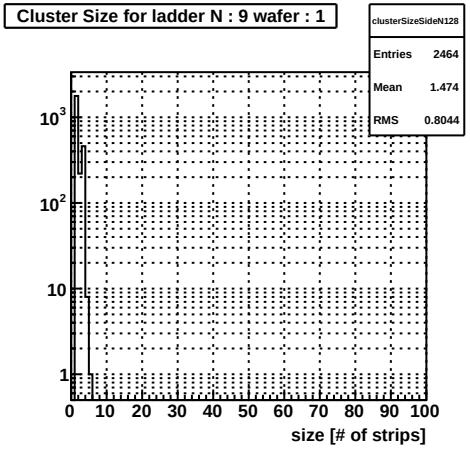

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

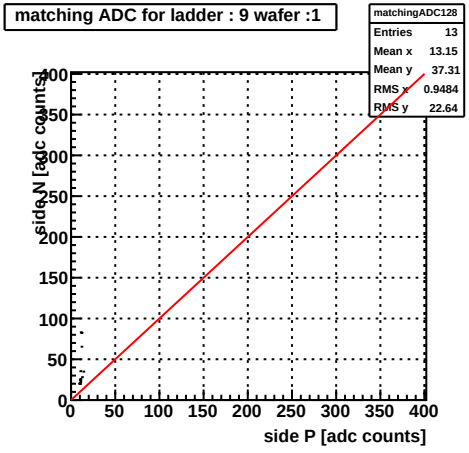

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

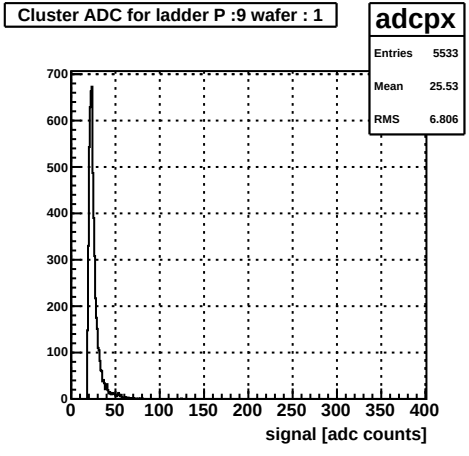

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

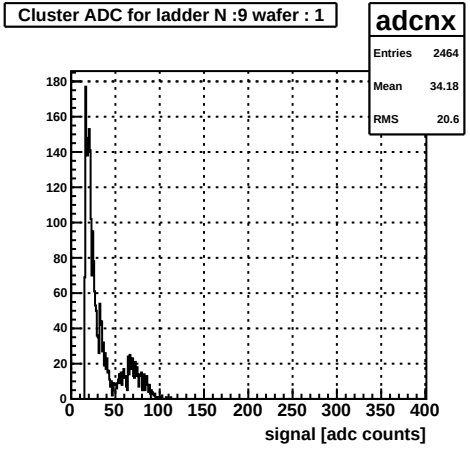

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

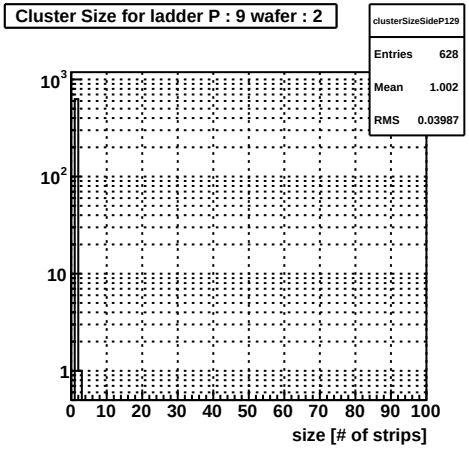

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 5533
Mean 1.014
RMS 0.121
size [# of strips]

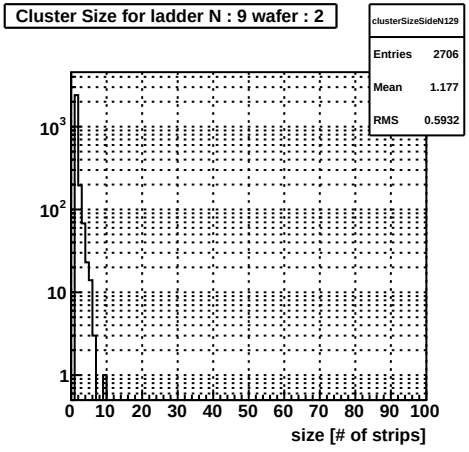

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2464
Mean 1.474
RMS 0.8044
size [# of strips]

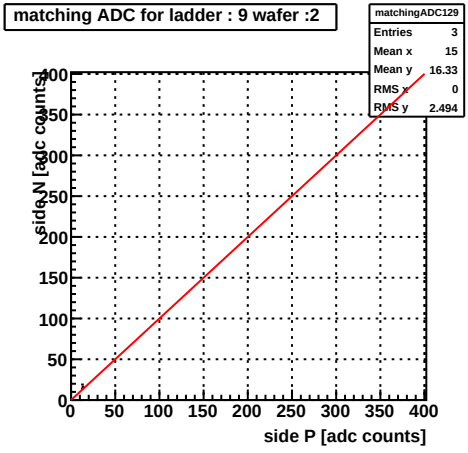

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 13
Mean x 13.15
Mean y 37.31
RMS x 0.9484
RMS y 22.64
side N [adc counts]
side P [adc counts]

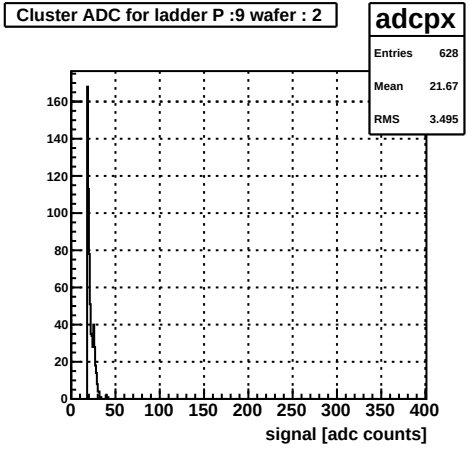

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 5533
Mean 25.53
RMS 6.806
signal [adc counts]

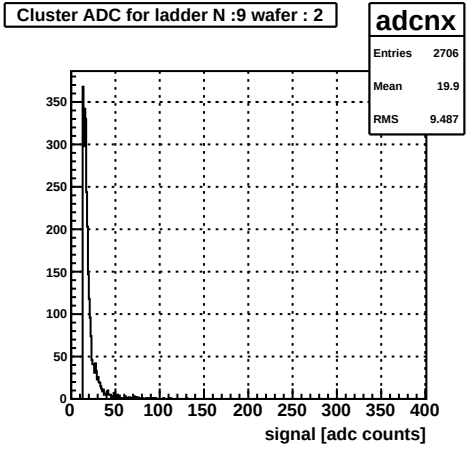

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2464
Mean 34.18
RMS 20.6
signal [adc counts]

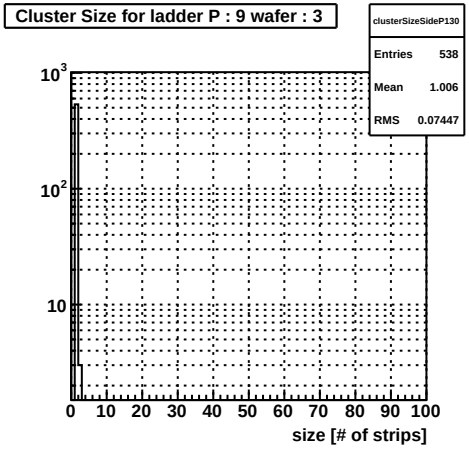

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 628
Mean 1.002
RMS 0.03987
size [# of strips]

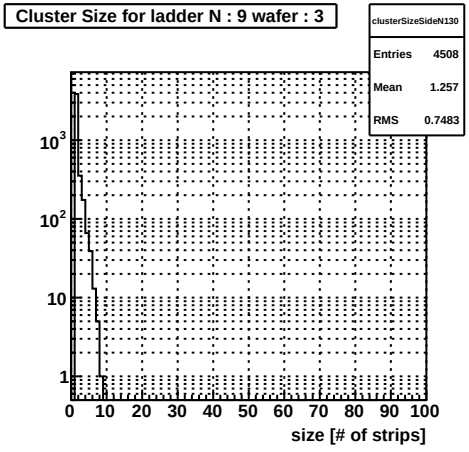

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2706
Mean 1.177
RMS 0.5932
size [# of strips]

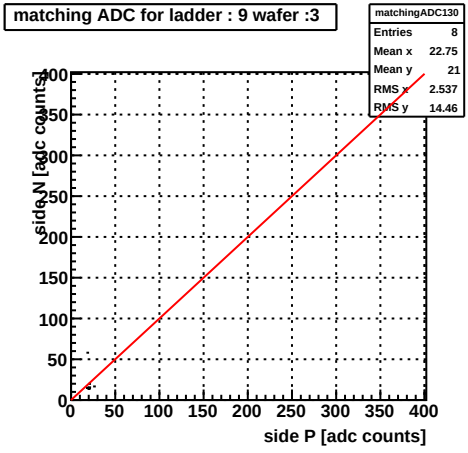

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3
Mean x 15
Mean y 16.33
RMS x 0
RMS y 2.494
side N [adc counts]
side P [adc counts]

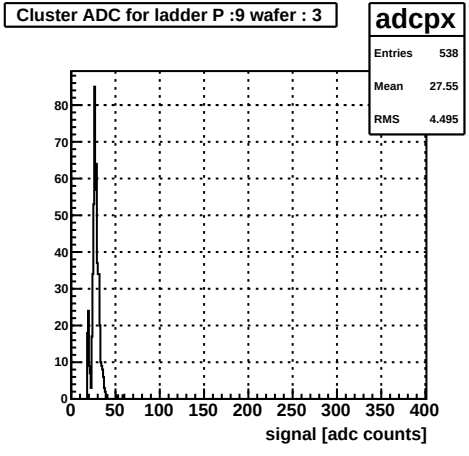

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 628
Mean 21.67
RMS 3.495
signal [adc counts]

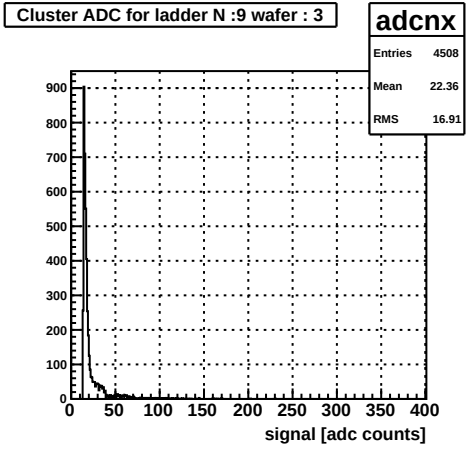

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2706
Mean 19.9
RMS 9.487
signal [adc counts]

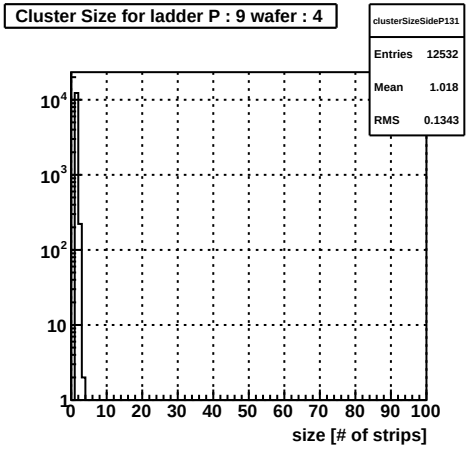

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 538
Mean 1.006
RMS 0.07447
size [# of strips]

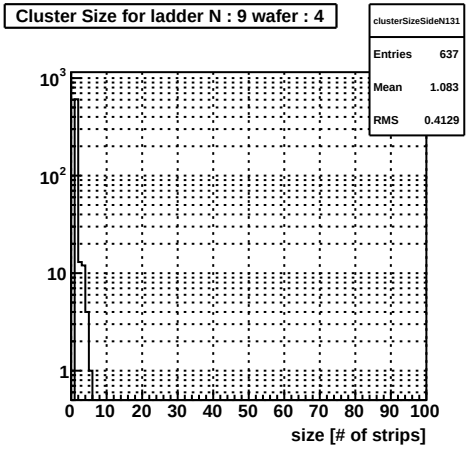

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4508
Mean 1.257
RMS 0.7483
size [# of strips]

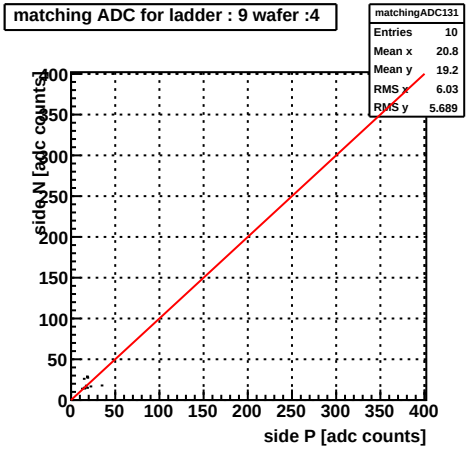

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 8
Mean x 22.75
Mean y 21
RMS x 2.537
RMS y 14.46
side N [adc counts]
side P [adc counts]

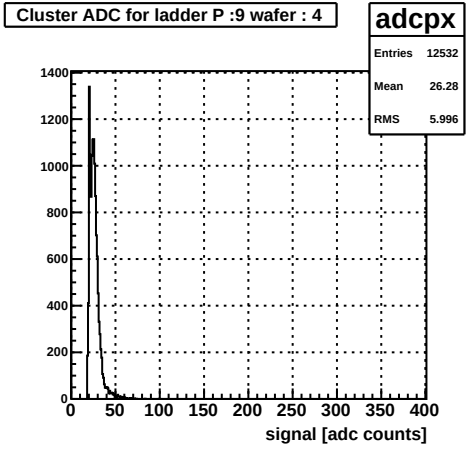

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 538
Mean 27.55
RMS 4.495
signal [adc counts]

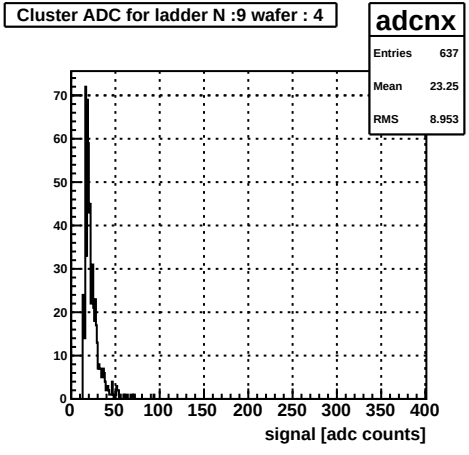

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4508
Mean 22.36
RMS 16.91
signal [adc counts]

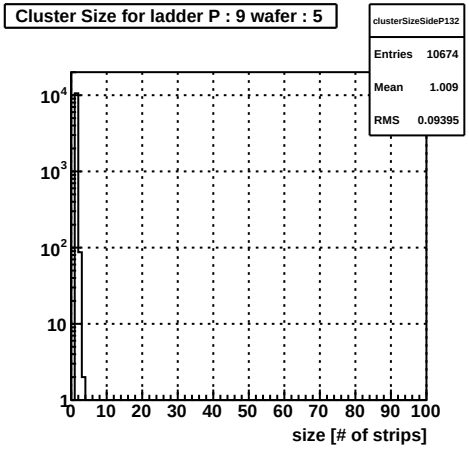

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12532
Mean 1.018
RMS 0.1343
size [# of strips]

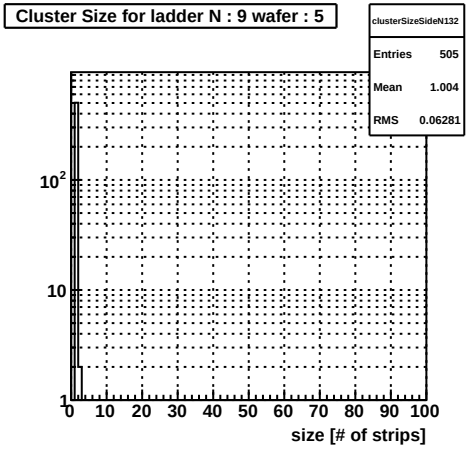

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 637
Mean 1.083
RMS 0.4129
size [# of strips]

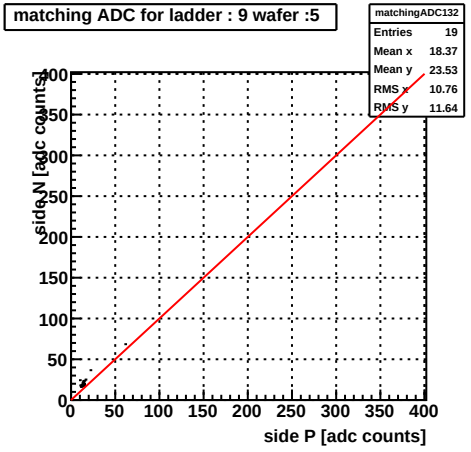

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 10
Mean x 20.8
Mean y 19.2
RMS x 6.03
RMS y 5.689
side N [adc counts]
side P [adc counts]

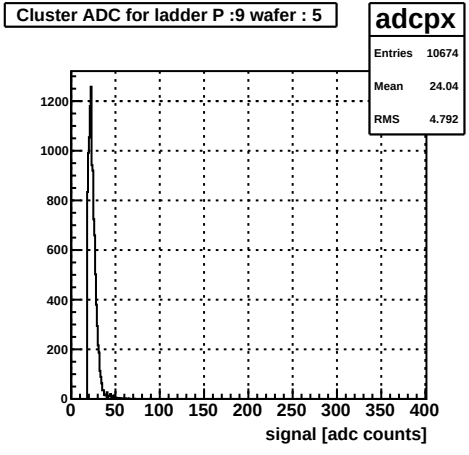

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12532
Mean 26.28
RMS 5.996
signal [adc counts]

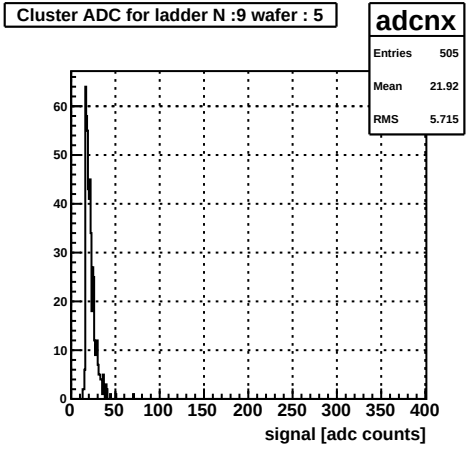

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 637
Mean 23.25
RMS 8.953
signal [adc counts]

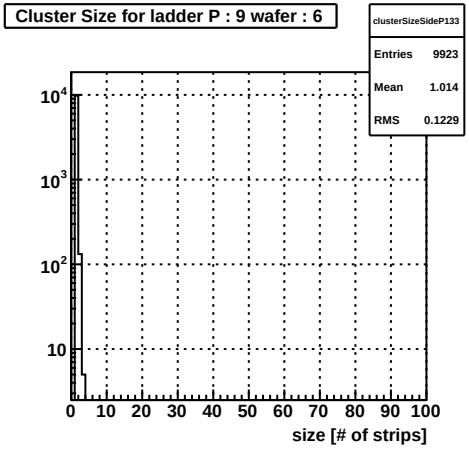

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 10674
Mean 1.009
RMS 0.09395
size [# of strips]

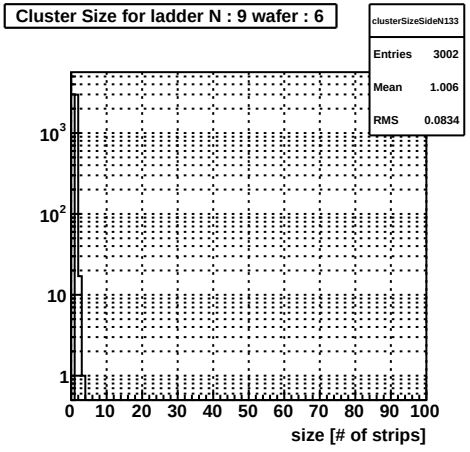

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 505
Mean 1.004
RMS 0.06281
size [# of strips]

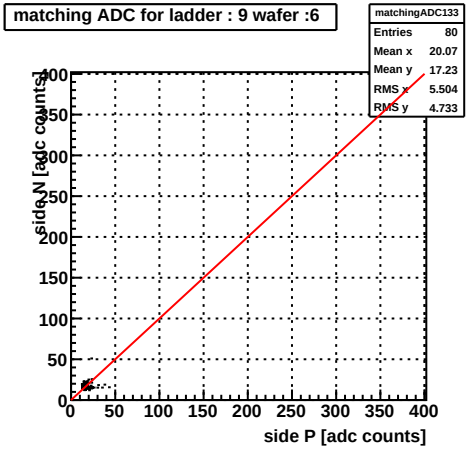

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 19
Mean x 18.37
Mean y 23.53
RMS x 10.76
RMS y 11.64
side N [adc counts]
side P [adc counts]

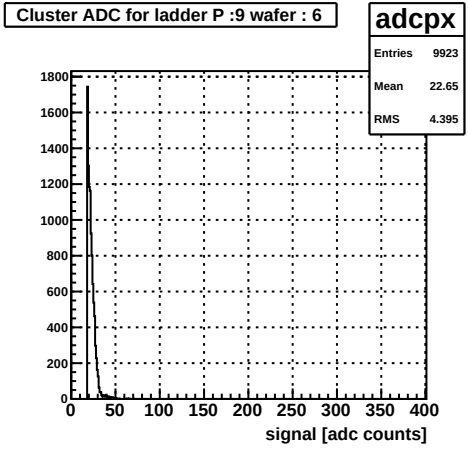

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 10674
Mean 24.04
RMS 4.792
signal [adc counts]

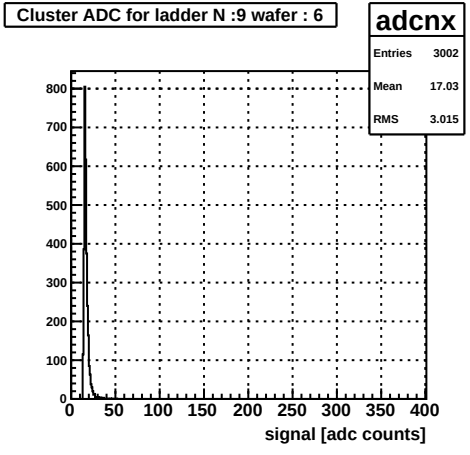

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 505
Mean 21.92
RMS 5.715
signal [adc counts]

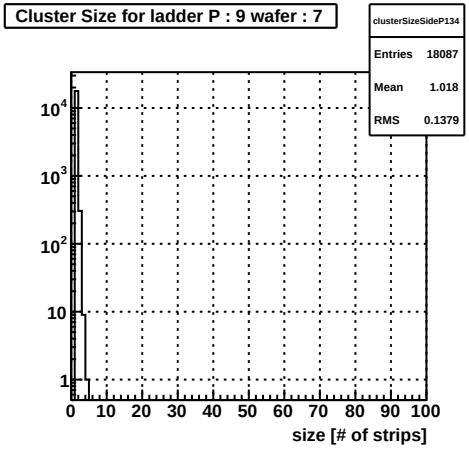

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9923
Mean 1.014
RMS 0.1229
size [# of strips]

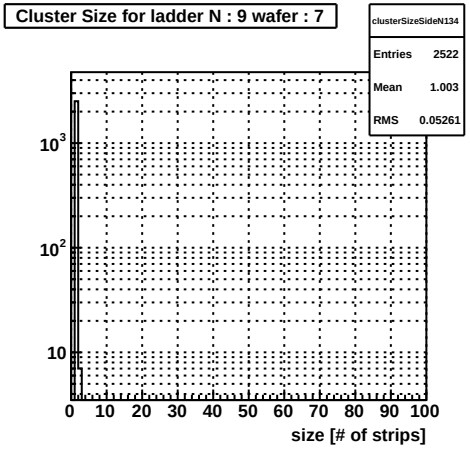

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 3002
Mean 1.006
RMS 0.0834
size [# of strips]

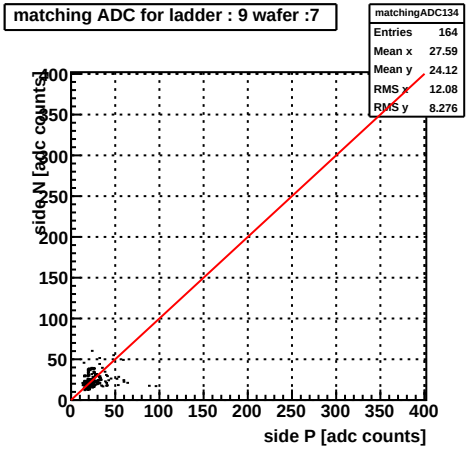

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 80
Mean x 20.07
Mean y 17.23
RMS x 5.504
RMS y 4.733
side N [adc counts]
side P [adc counts]

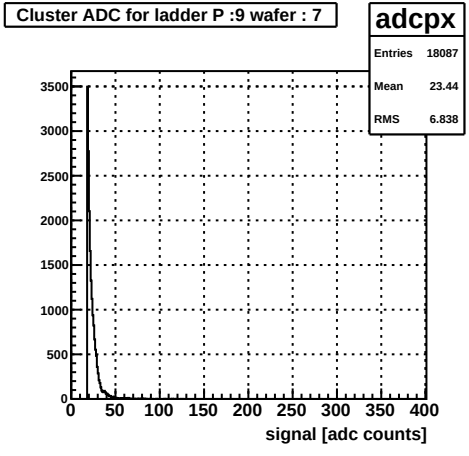

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9923
Mean 22.65
RMS 4.395
signal [adc counts]

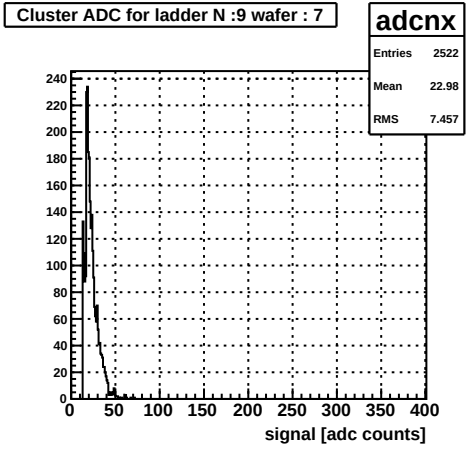

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 3002
Mean 17.03
RMS 3.015
signal [adc counts]

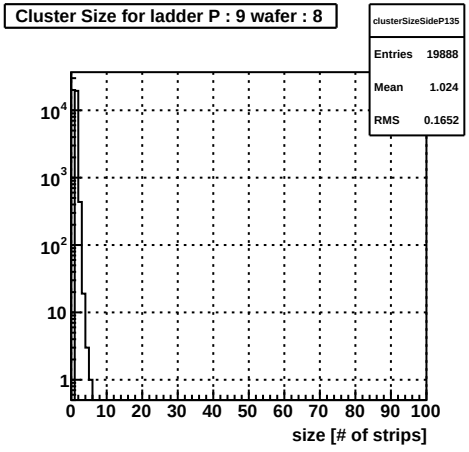

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 18087
Mean 1.018
RMS 0.1379
size [# of strips]

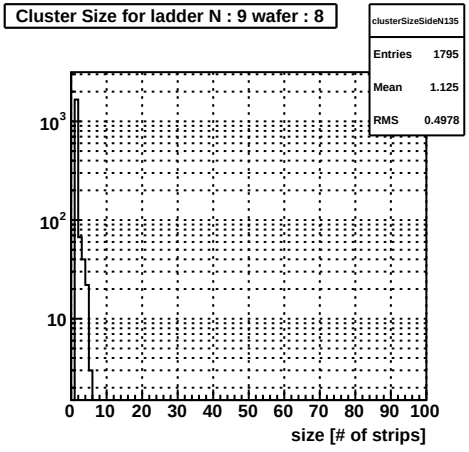

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2522
Mean 1.003
RMS 0.05261
size [# of strips]

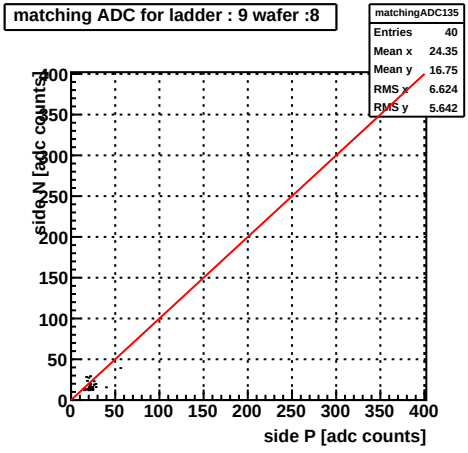

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 164
Mean x 27.59
Mean y 24.12
RMS x 12.08
RMS y 8.276
side N [adc counts]
side P [adc counts]

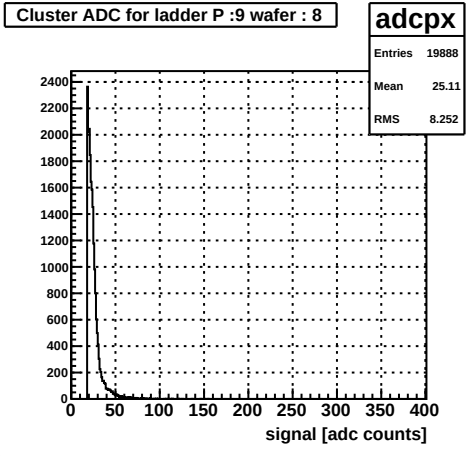

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 18087
Mean 23.44
RMS 6.838
signal [adc counts]

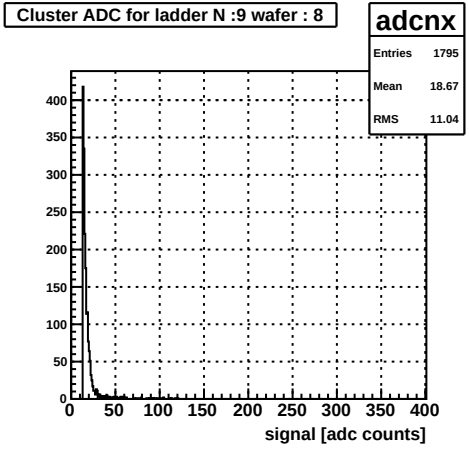

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2522
Mean 22.98
RMS 7.457
signal [adc counts]

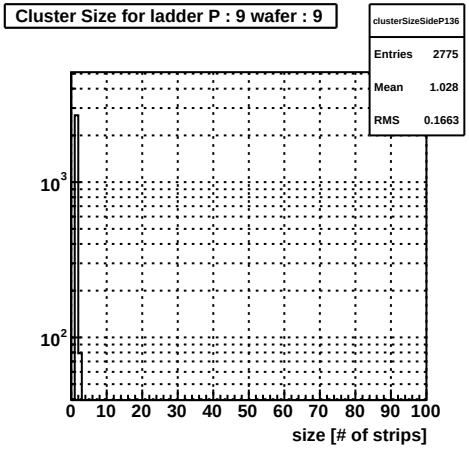

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 19888
Mean 1.024
RMS 0.1652
size [# of strips]

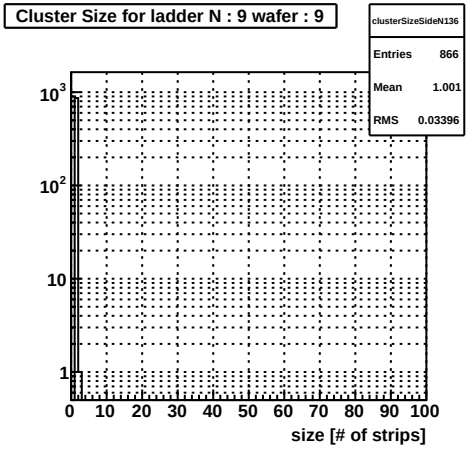

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 1795
Mean 1.125
RMS 0.4978
size [# of strips]

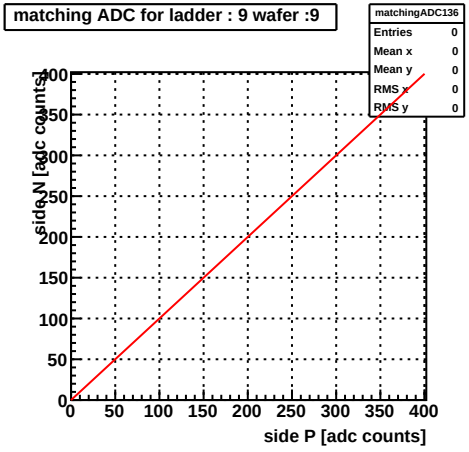

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 40
Mean x 24.35
Mean y 16.75
RMS x 6.624
RMS y 5.642
side N [adc counts]
side P [adc counts]

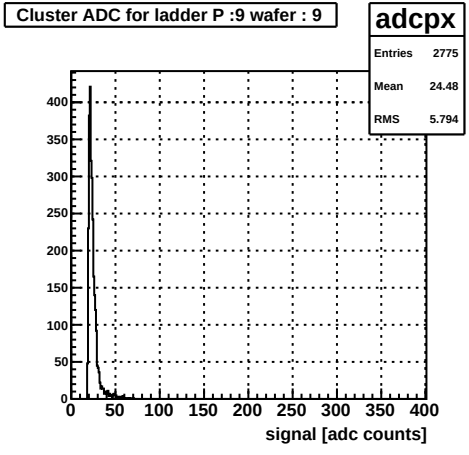

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 19888
Mean 25.11
RMS 8.252
signal [adc counts]

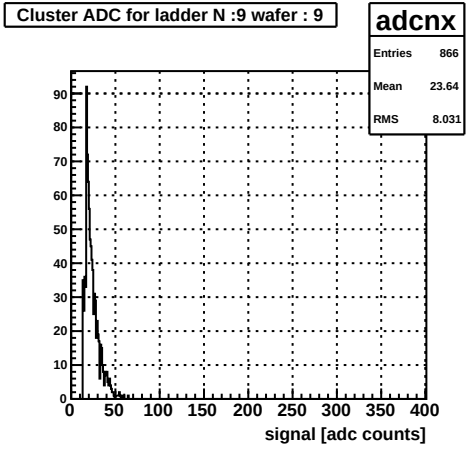

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 1795
Mean 18.67
RMS 11.04
signal [adc counts]

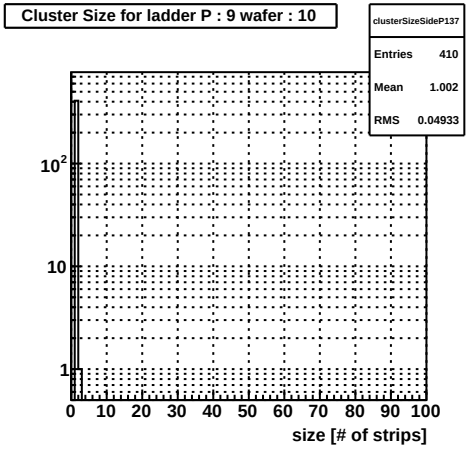

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2775
Mean 1.028
RMS 0.1663
size [# of strips]

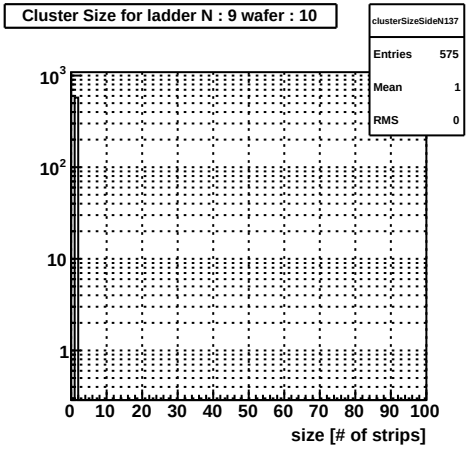

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 866
Mean 1.001
RMS 0.03396
size [# of strips]

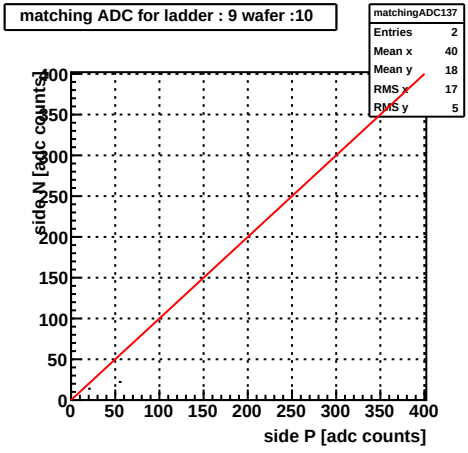

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

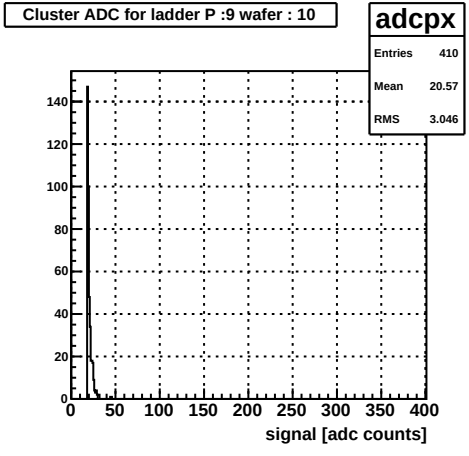

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2775
Mean 24.48
RMS 5.794
signal [adc counts]

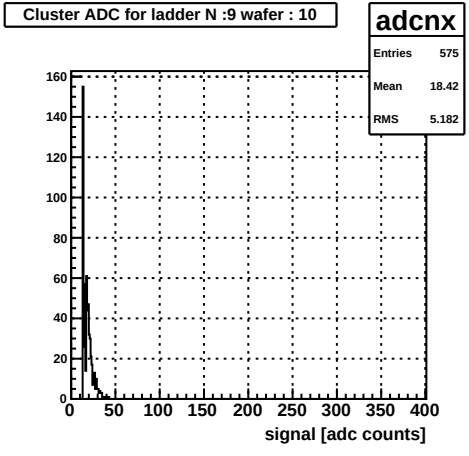

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 866
Mean 23.64
RMS 8.031
signal [adc counts]

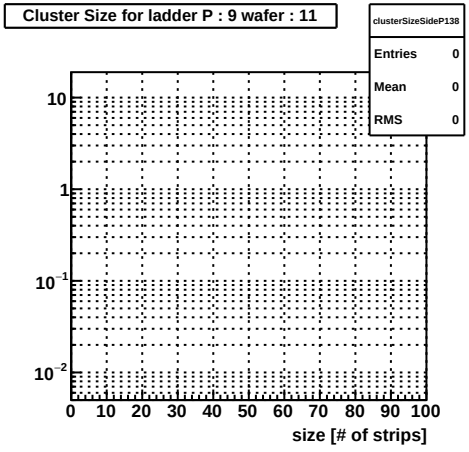

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 410
Mean 1.002
RMS 0.04933
size [# of strips]

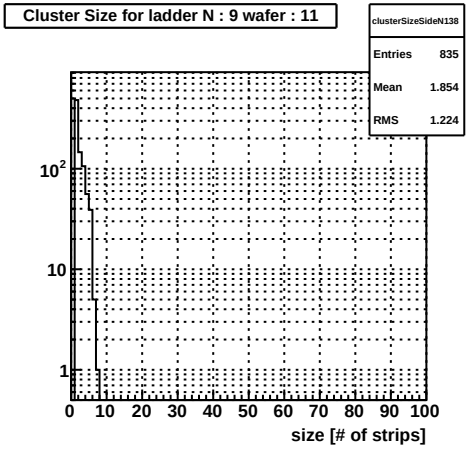

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 575
Mean 1
RMS 0
size [# of strips]

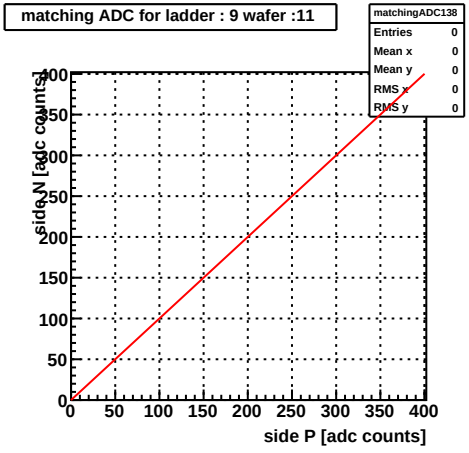

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 40
Mean y 18
RMS x 17
RMS y 5
side N [adc counts]
side P [adc counts]

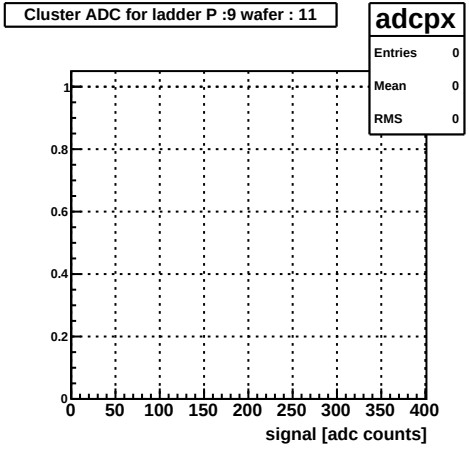

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 410
Mean 20.57
RMS 3.046
signal [adc counts]

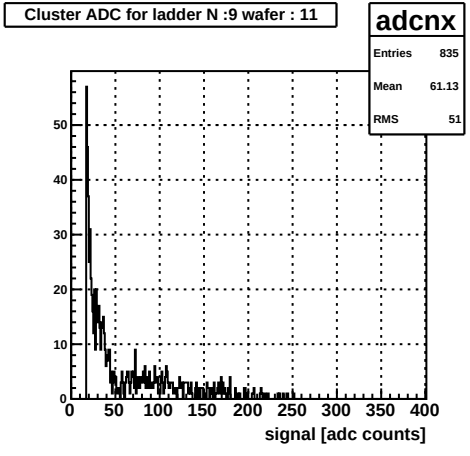

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 575
Mean 18.42
RMS 5.182
signal [adc counts]

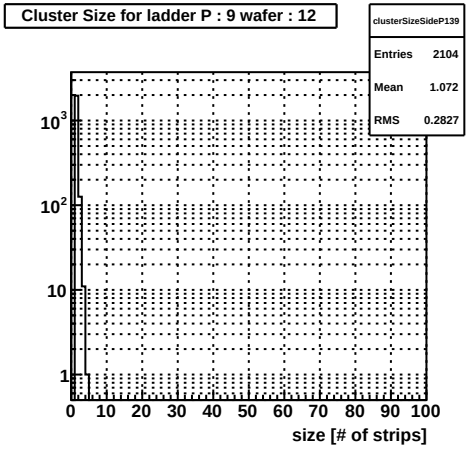

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

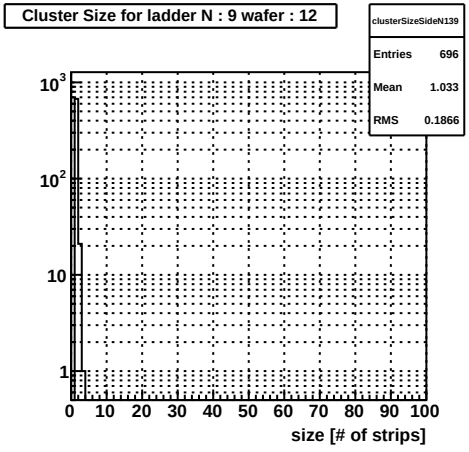

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 835
Mean 1.854
RMS 1.224
size [# of strips]

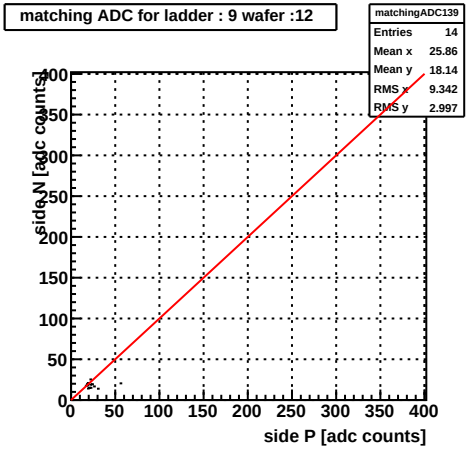

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

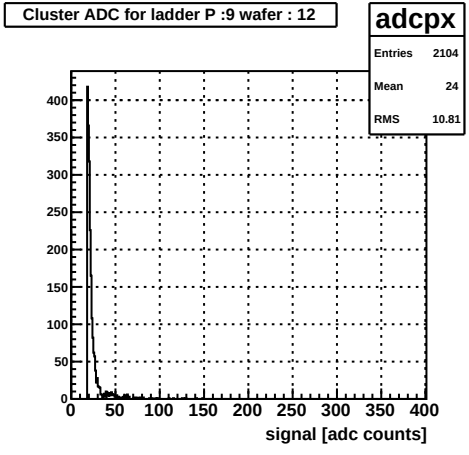

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

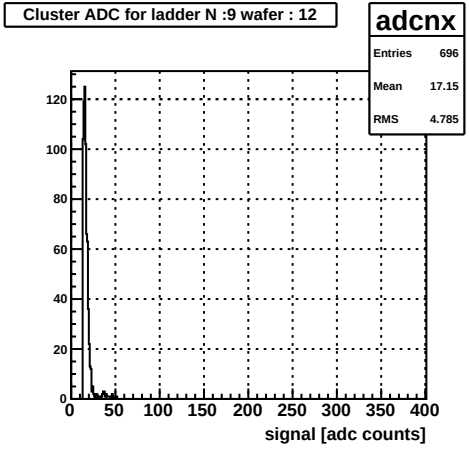

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 835
Mean 61.13
RMS 51
signal [adc counts]

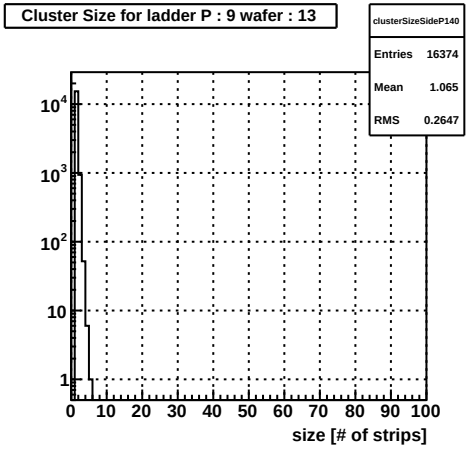

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2104
Mean 1.072
RMS 0.2827
size [# of strips]

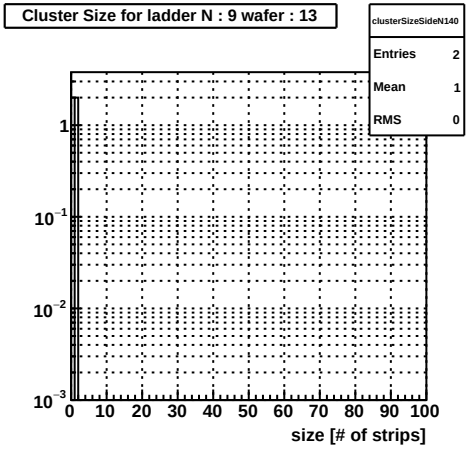

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 696
Mean 1.033
RMS 0.1866
size [# of strips]

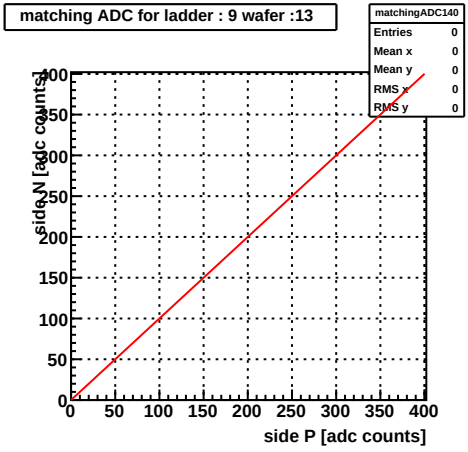

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 14
Mean x 25.86
Mean y 18.14
RMS x 9.342
RMS y 2.997
side N [adc counts]
side P [adc counts]

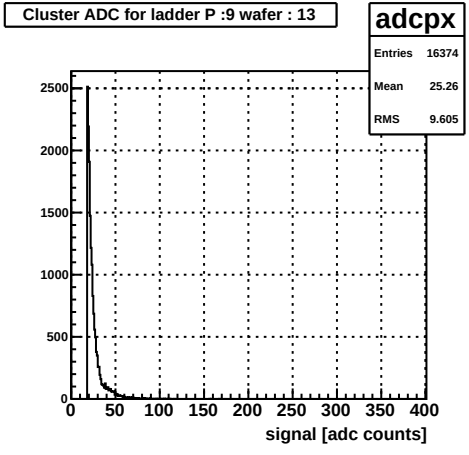

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2104
Mean 24
RMS 10.81
signal [adc counts]

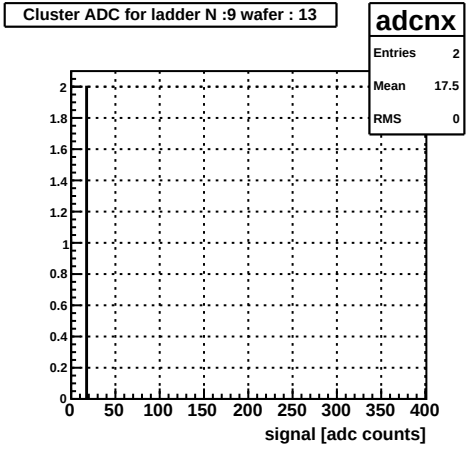

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 696
Mean 17.15
RMS 4.785
signal [adc counts]

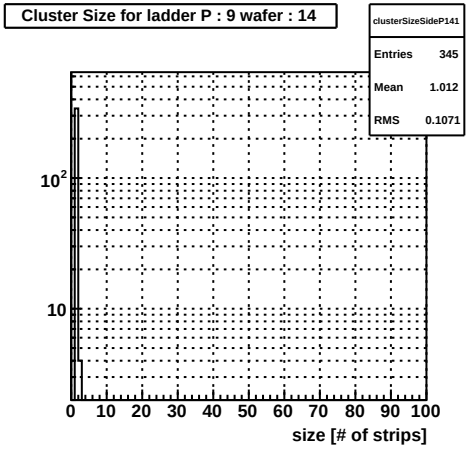

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16374
Mean 1.065
RMS 0.2647
size [# of strips]

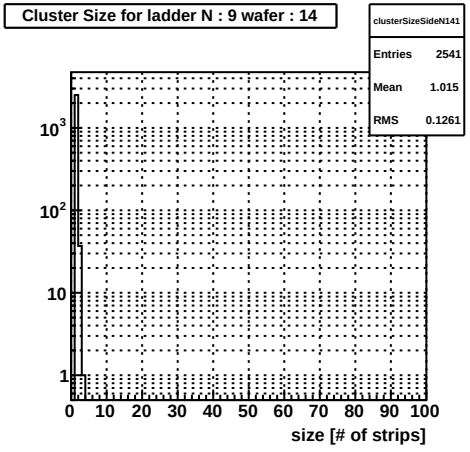

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 2
Mean 1
RMS 0
size [# of strips]

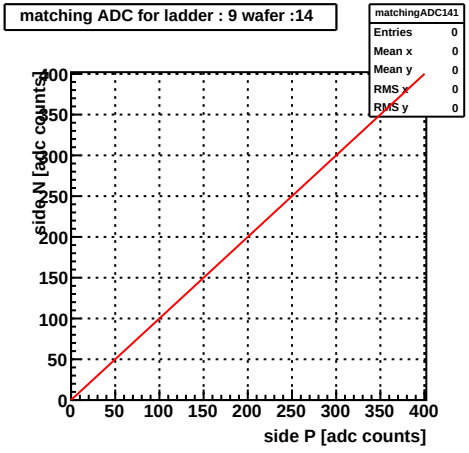

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

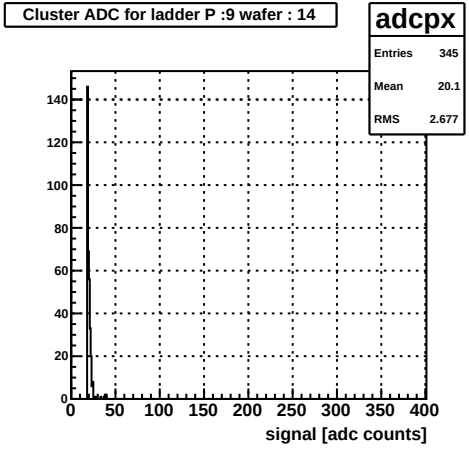

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16374
Mean 25.26
RMS 9.605
signal [adc counts]

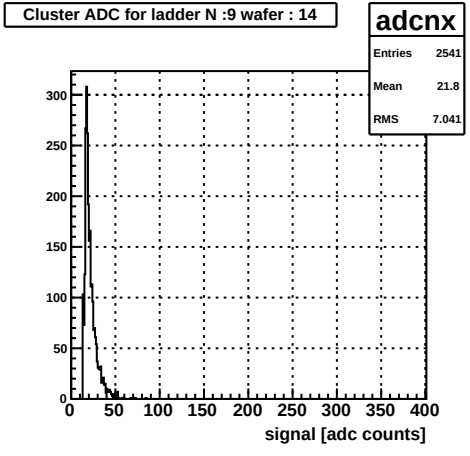

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 2
Mean 17.5
RMS 0
signal [adc counts]

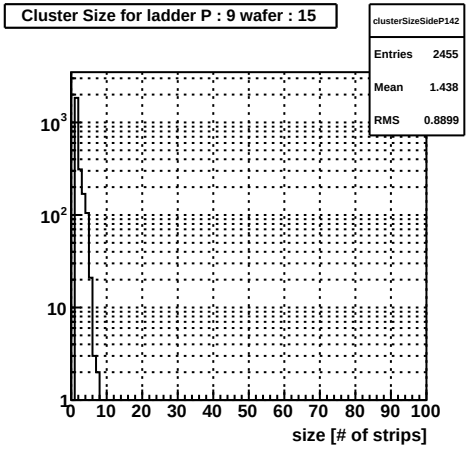

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 345
Mean 1.012
RMS 0.1071
size [# of strips]

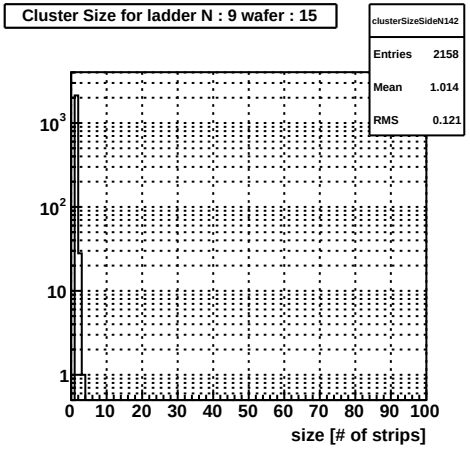

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2541
Mean 1.015
RMS 0.1261
size [# of strips]

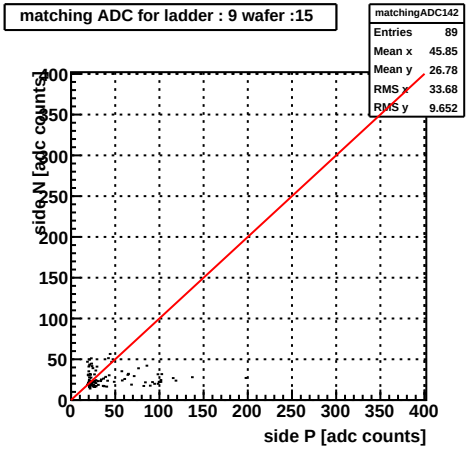

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

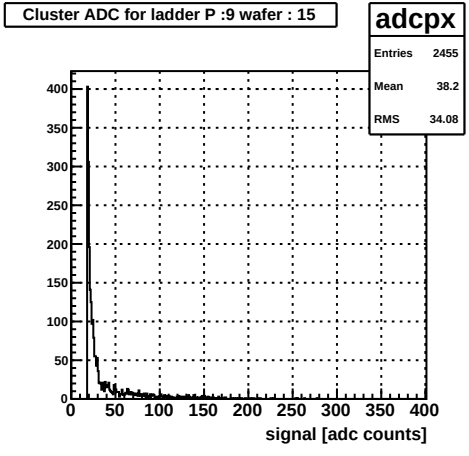

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 345
Mean 20.1
RMS 2.677
signal [adc counts]

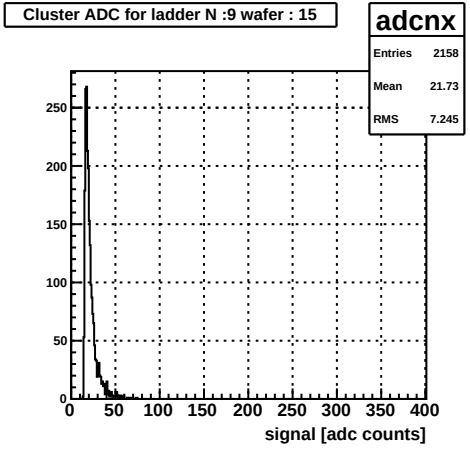

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2541
Mean 21.8
RMS 7.041
signal [adc counts]

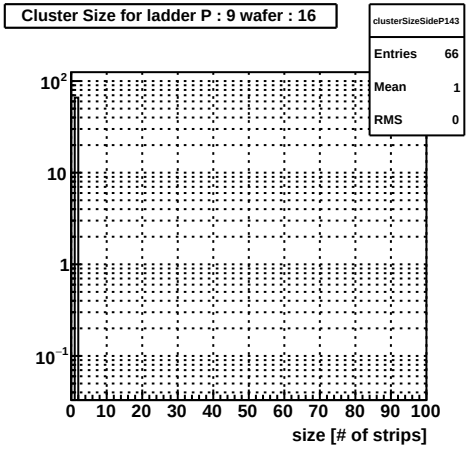

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2455
Mean 1.438
RMS 0.8899
size [# of strips]

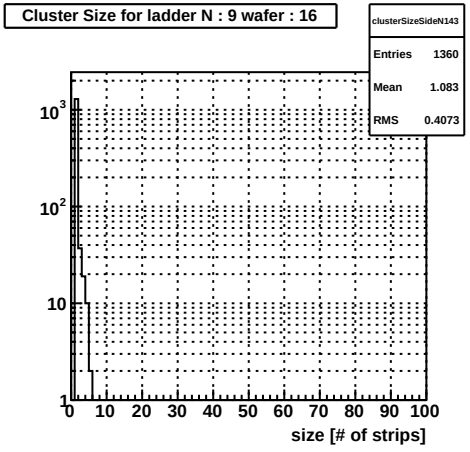

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2158
Mean 1.014
RMS 0.121
size [# of strips]

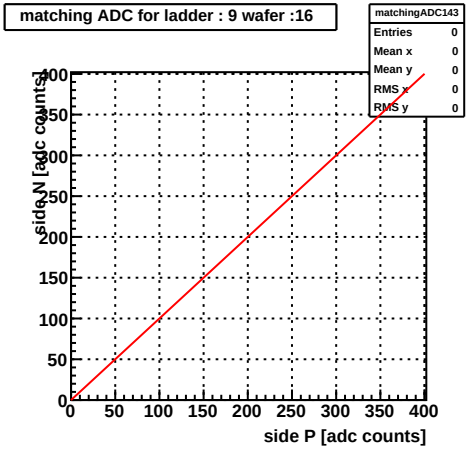

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 89
Mean x 45.85
Mean y 26.78
RMS x 33.68
RMS y 9.652
side N [adc counts]
side P [adc counts]

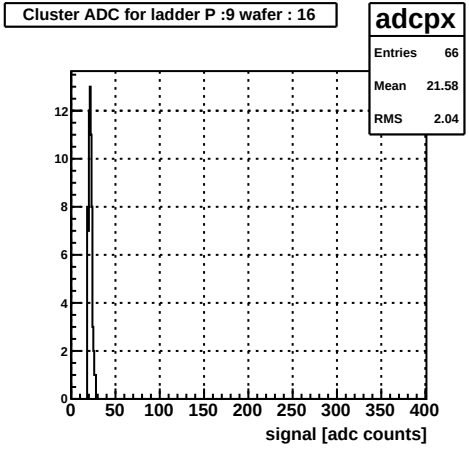

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2455
Mean 38.2
RMS 34.08
signal [adc counts]

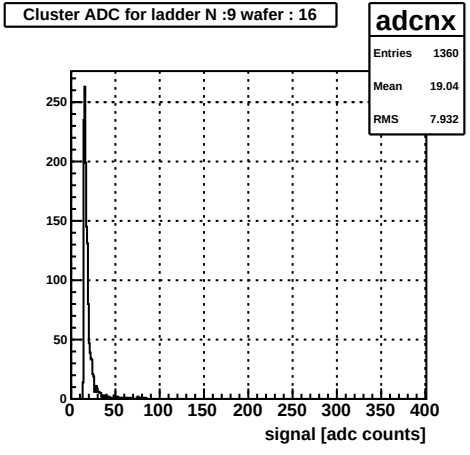

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2158
Mean 21.73
RMS 7.245
signal [adc counts]

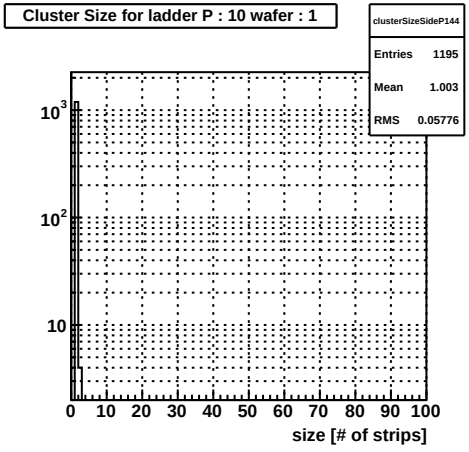

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 66
Mean 1
RMS 0
size [# of strips]

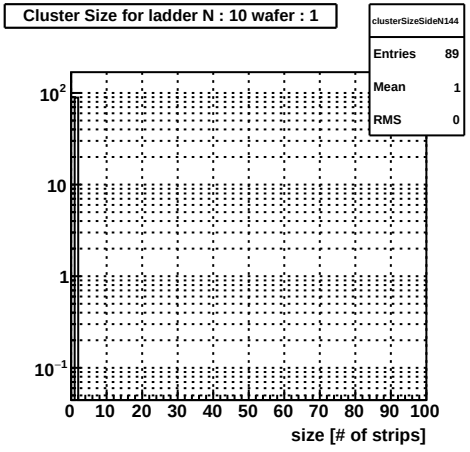

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1360
Mean 1.083
RMS 0.4073
size [# of strips]

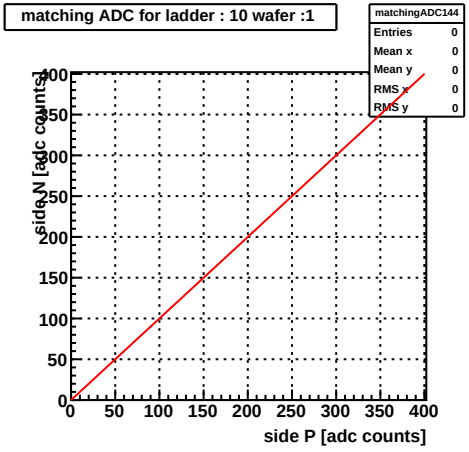

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

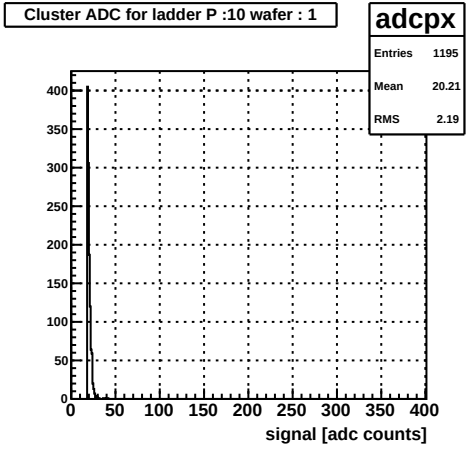

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 66
Mean 21.58
RMS 2.04
signal [adc counts]

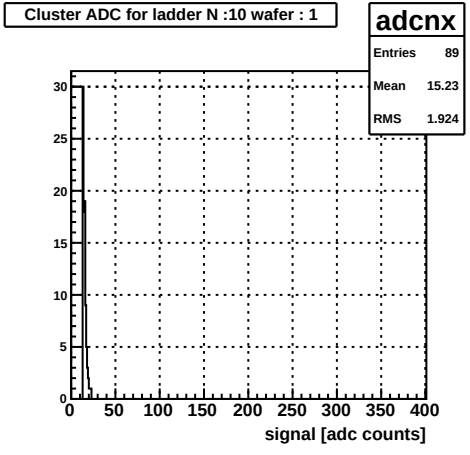

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1360
Mean 19.04
RMS 7.932
signal [adc counts]

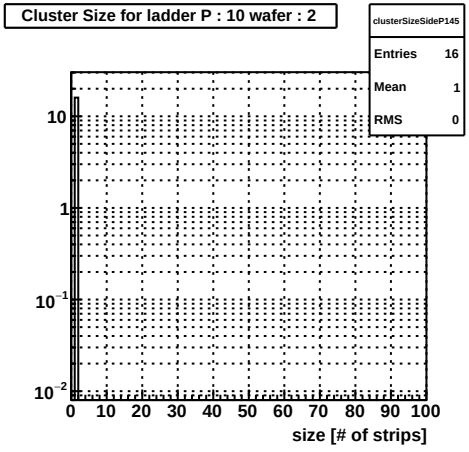

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1195
Mean 1.003
RMS 0.05776
size [# of strips]

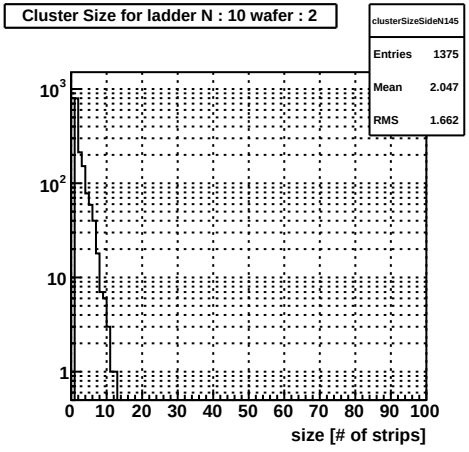

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 89
Mean 1
RMS 0
size [# of strips]

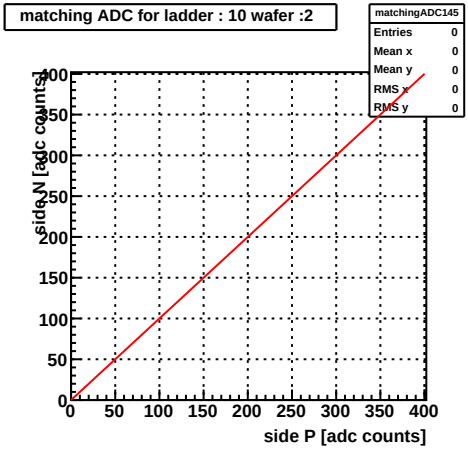

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

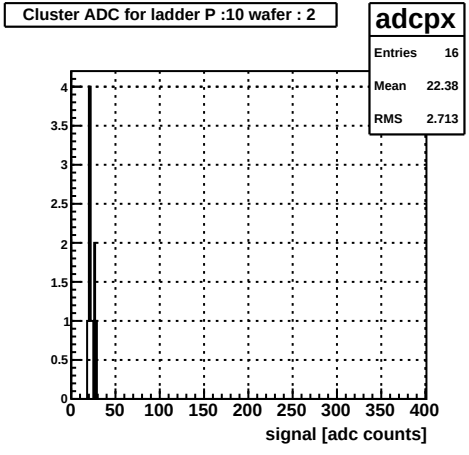

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1195
Mean 20.21
RMS 2.19
signal [adc counts]

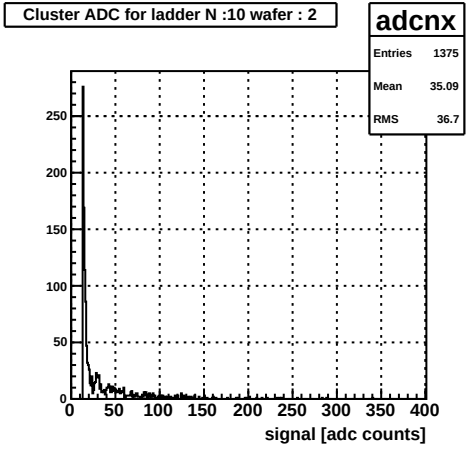

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 89
Mean 15.23
RMS 1.924
signal [adc counts]

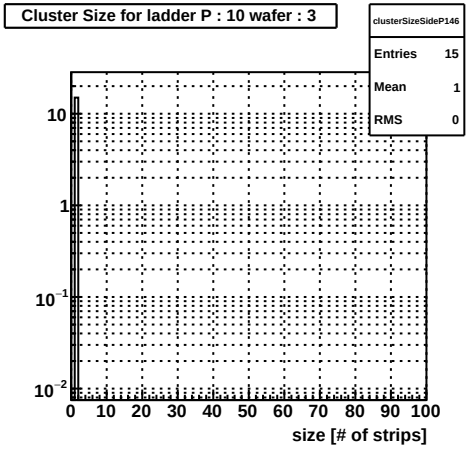

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 16
Mean 1
RMS 0
size [# of strips]

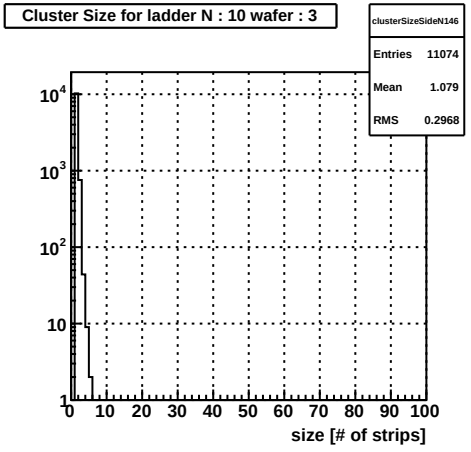

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1375
Mean 2.047
RMS 1.662
size [# of strips]

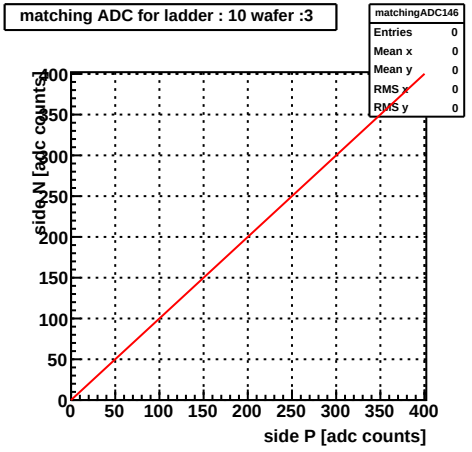

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

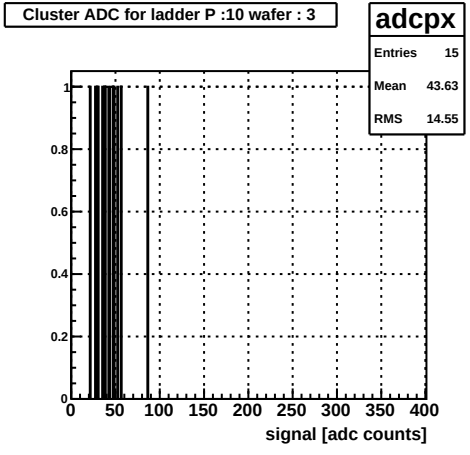

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 16
Mean 22.38
RMS 2.713
signal [adc counts]

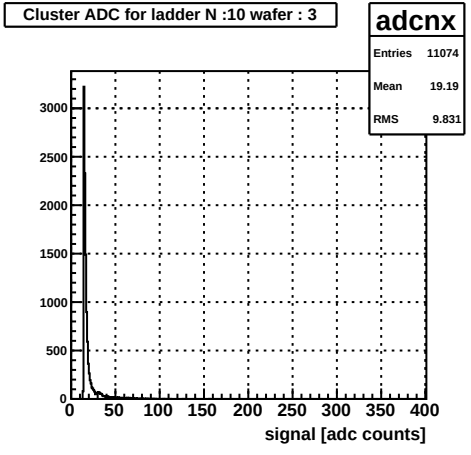

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1375
Mean 35.09
RMS 36.7
signal [adc counts]

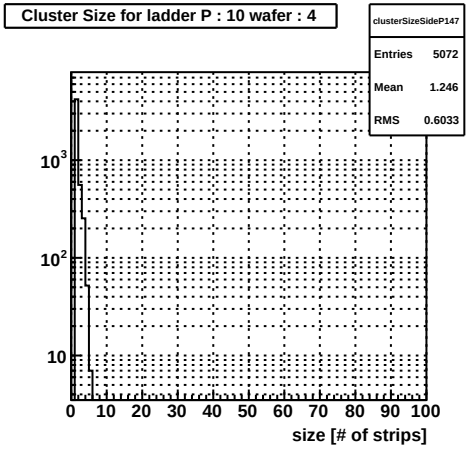

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 15
Mean 1
RMS 0
size [# of strips]

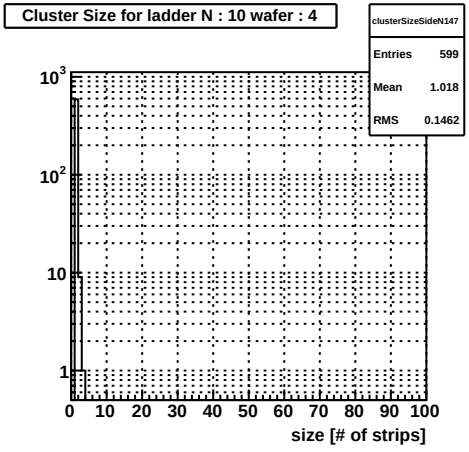

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11074
Mean 1.079
RMS 0.2968
size [# of strips]

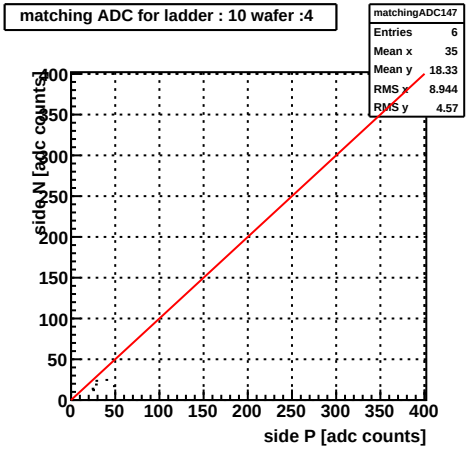

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

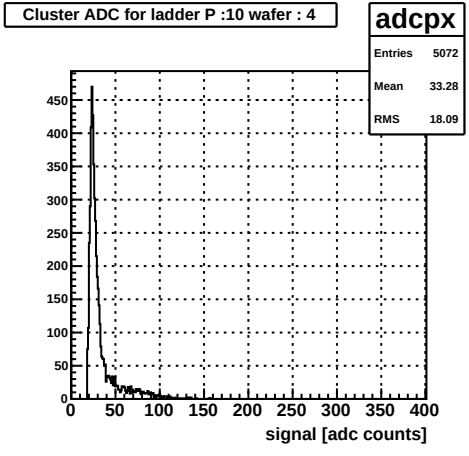

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 15
Mean 43.63
RMS 14.55
signal [adc counts]

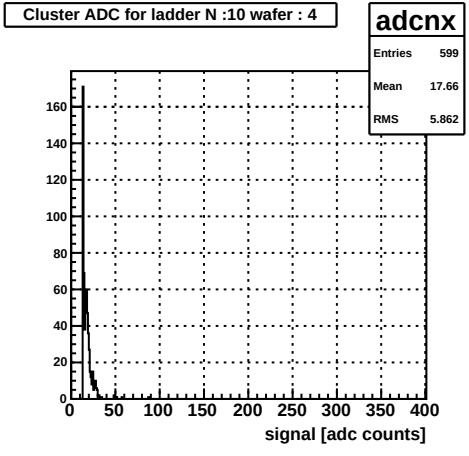

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11074
Mean 19.19
RMS 9.831
signal [adc counts]

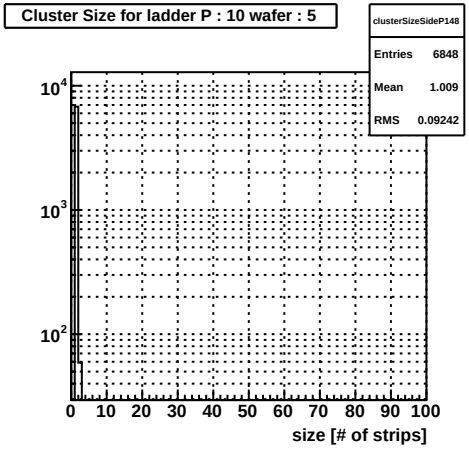

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5072
Mean 1.246
RMS 0.6033
size [# of strips]

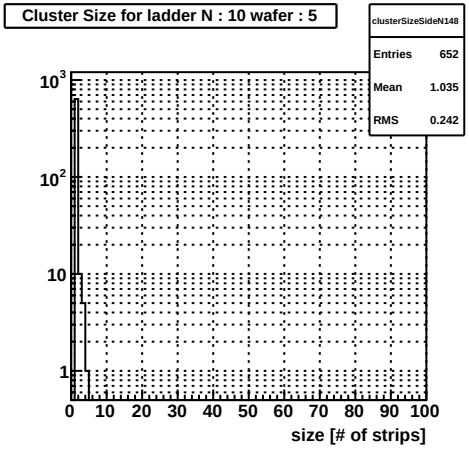

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 599
Mean 1.018
RMS 0.1462
size [# of strips]

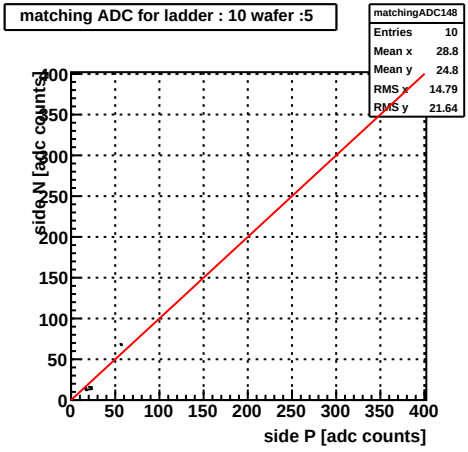

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 6
Mean x 35
Mean y 18.33
RMS x 8.944
RMS y 4.57
side N [adc counts]
side P [adc counts]

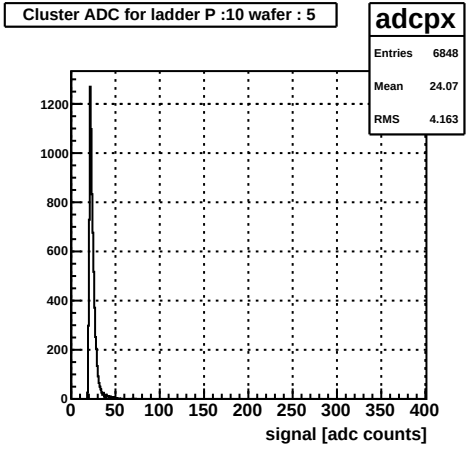

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5072
Mean 33.28
RMS 18.09
signal [adc counts]

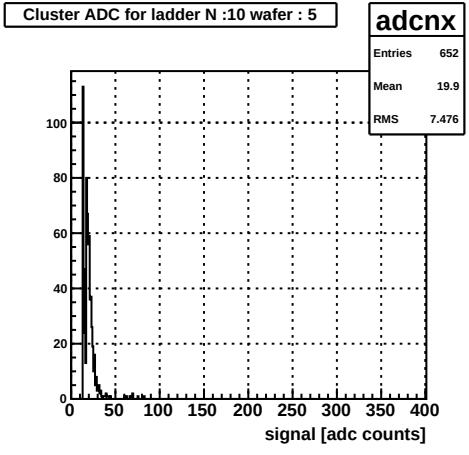

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 599
Mean 17.66
RMS 5.862
signal [adc counts]

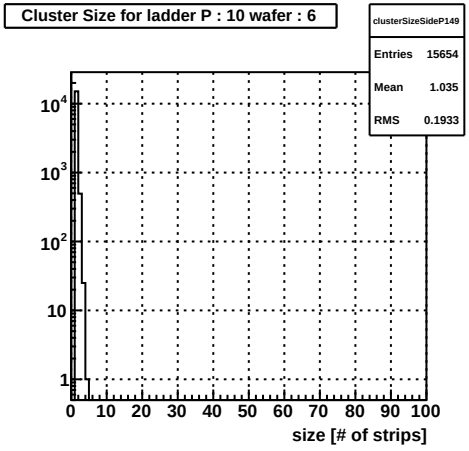

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6848
Mean 1.009
RMS 0.09242
size [# of strips]

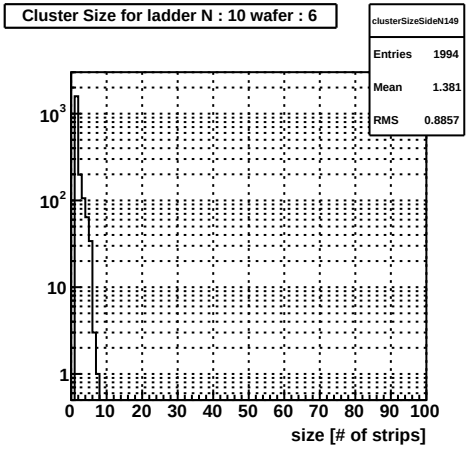

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 652
Mean 1.035
RMS 0.242
size [# of strips]

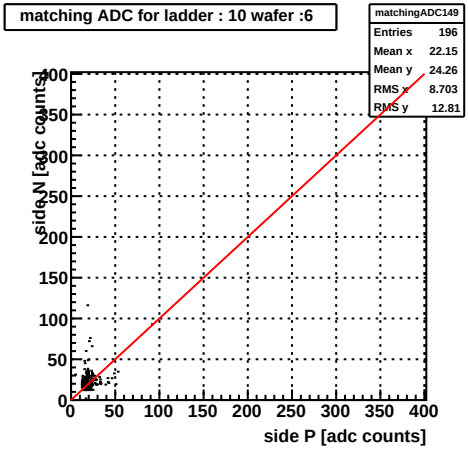

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 10
Mean x 28.8
Mean y 24.8
RMS x 14.79
RMS y 21.64
side N [adc counts]
side P [adc counts]

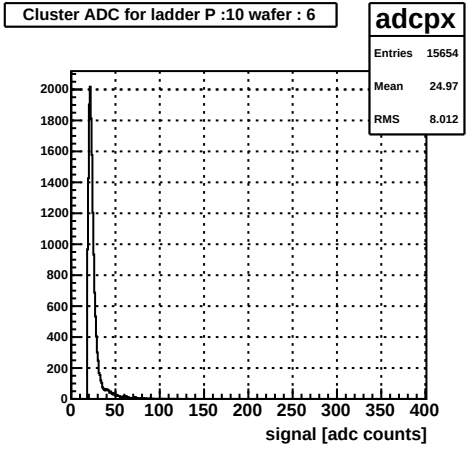

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6848
Mean 24.07
RMS 4.163
signal [adc counts]

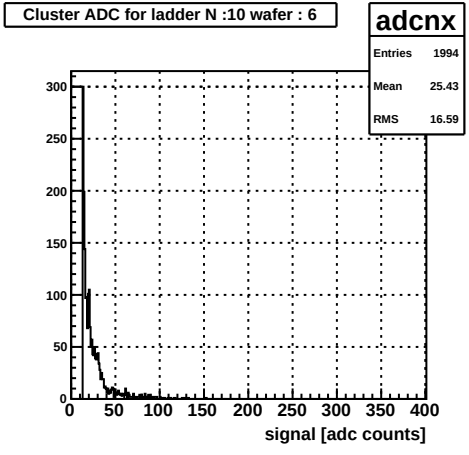

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 652
Mean 19.9
RMS 7.476
signal [adc counts]

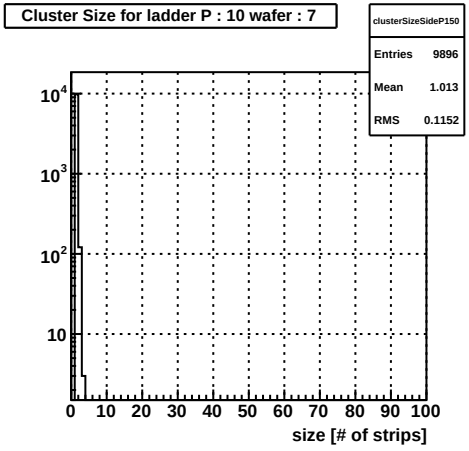

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 15654
Mean 1.035
RMS 0.1933
size [# of strips]

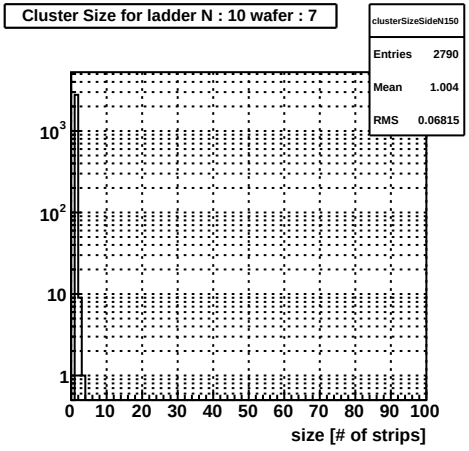

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 1994
Mean 1.381
RMS 0.8857
size [# of strips]

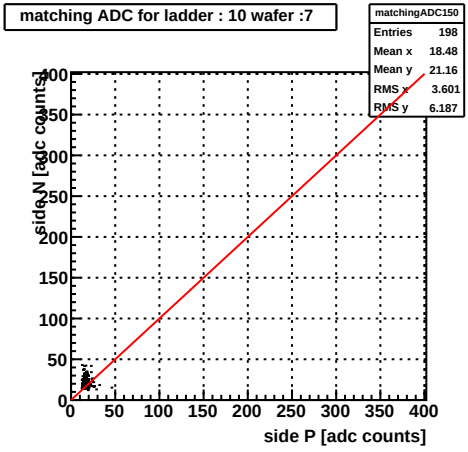

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 196
Mean x 22.15
Mean y 24.26
RMS x 8.703
RMS y 12.81
side N [adc counts]
side P [adc counts]

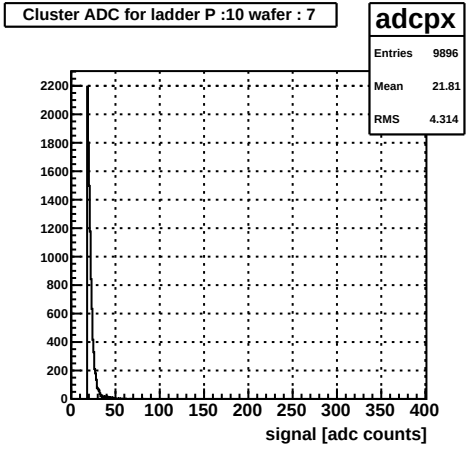

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 15654
Mean 24.97
RMS 8.012
signal [adc counts]

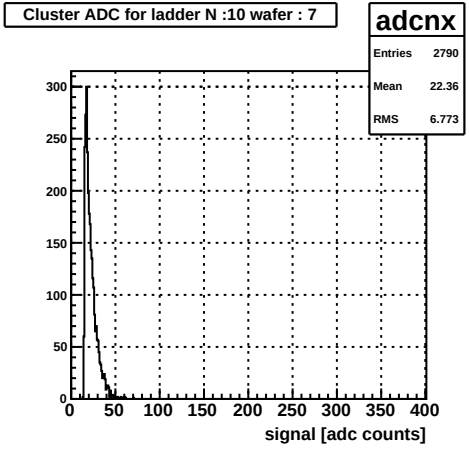

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 1994
Mean 25.43
RMS 16.59
signal [adc counts]

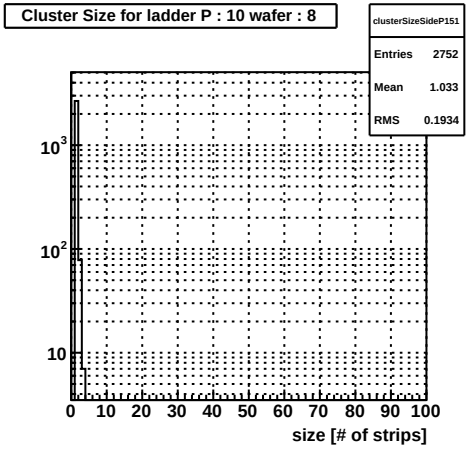

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9896
Mean 1.013
RMS 0.1152
size [# of strips]

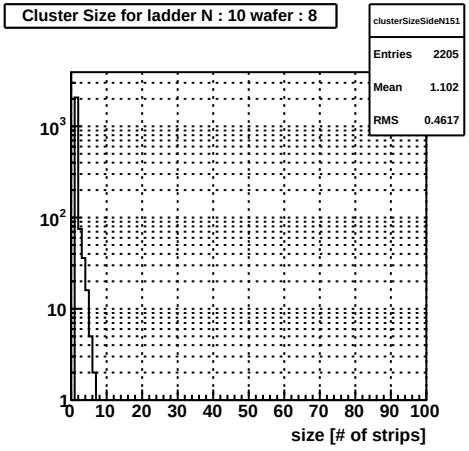

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2790
Mean 1.004
RMS 0.06815
size [# of strips]

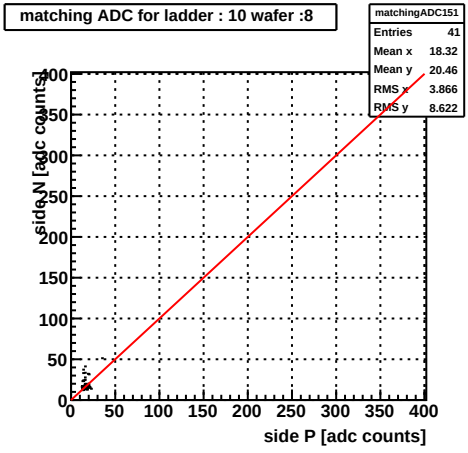

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 198
Mean x 18.48
Mean y 21.16
RMS x 3.601
RMS y 6.187
side N [adc counts]
side P [adc counts]

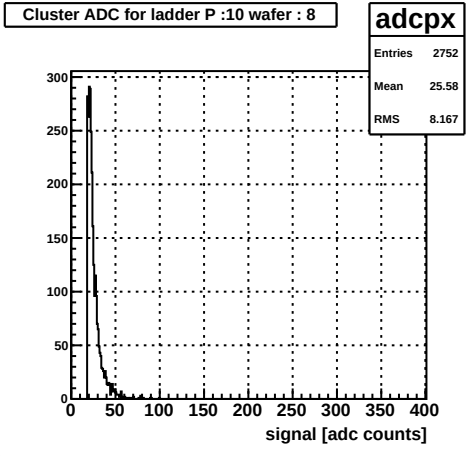

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9896
Mean 21.81
RMS 4.314
signal [adc counts]

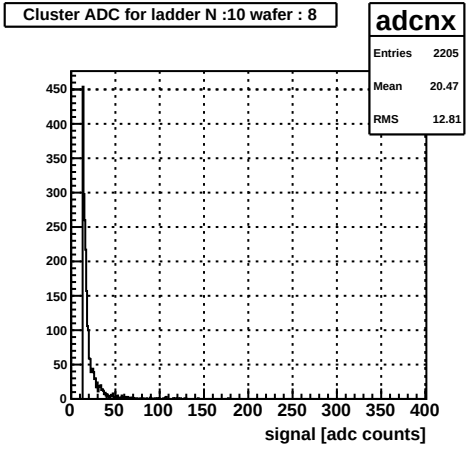

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2790
Mean 22.36
RMS 6.773
signal [adc counts]

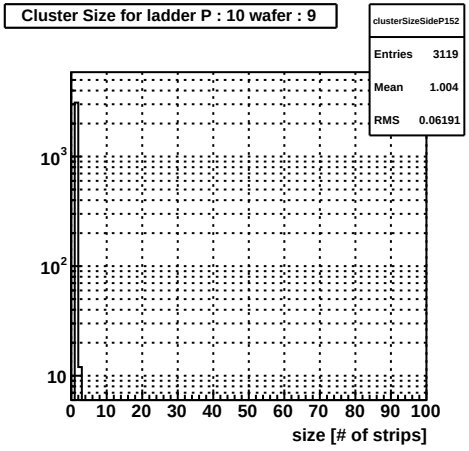

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2752
Mean 1.033
RMS 0.1934
size [# of strips]

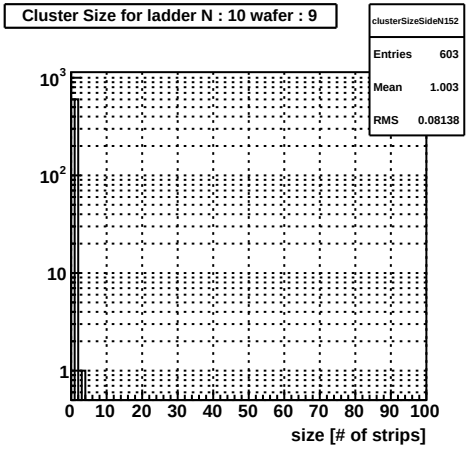

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2205
Mean 1.102
RMS 0.4617
size [# of strips]

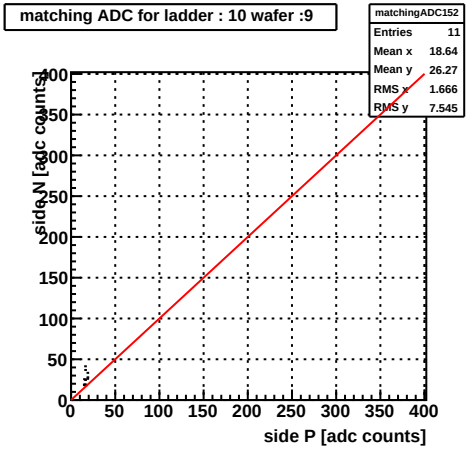

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 41
Mean x 18.32
Mean y 20.46
RMS x 3.866
RMS y 8.622
side N [adc counts]
side P [adc counts]

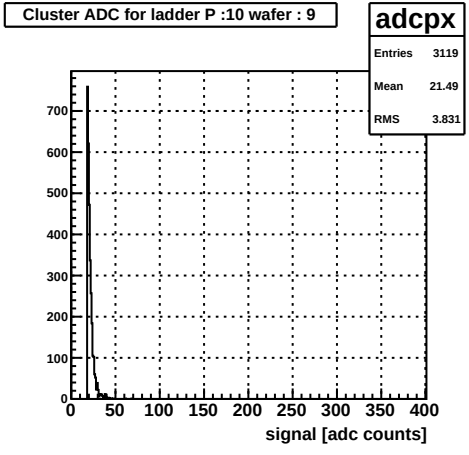

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2752
Mean 25.58
RMS 8.167
signal [adc counts]

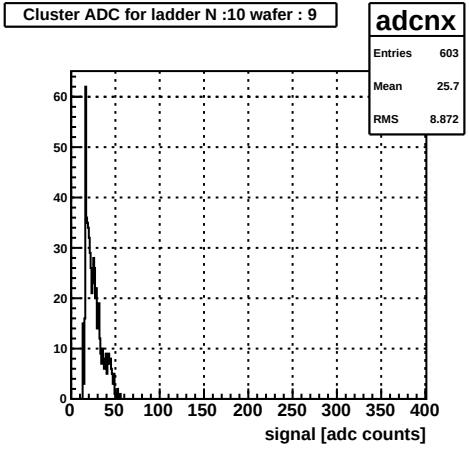

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2205
Mean 20.47
RMS 12.81
signal [adc counts]

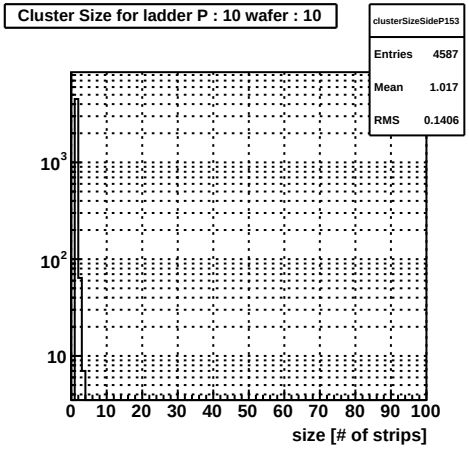

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3119
Mean 1.004
RMS 0.06191
size [# of strips]

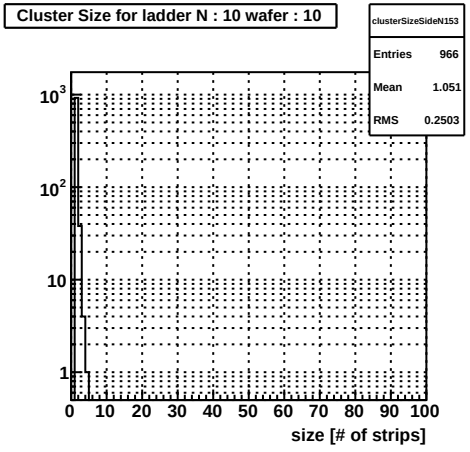

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 603
Mean 1.003
RMS 0.08138
size [# of strips]

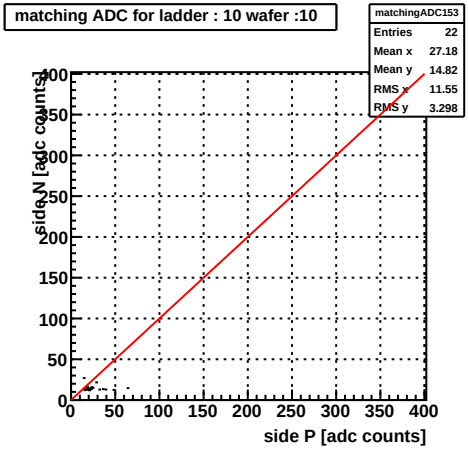

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 11
Mean x 18.64
Mean y 26.27
RMS x 1.666
RMS y 7.545
side N [adc counts]
side P [adc counts]

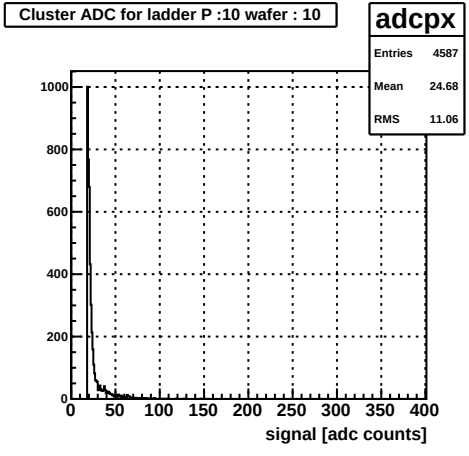

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3119
Mean 21.49
RMS 3.831
signal [adc counts]

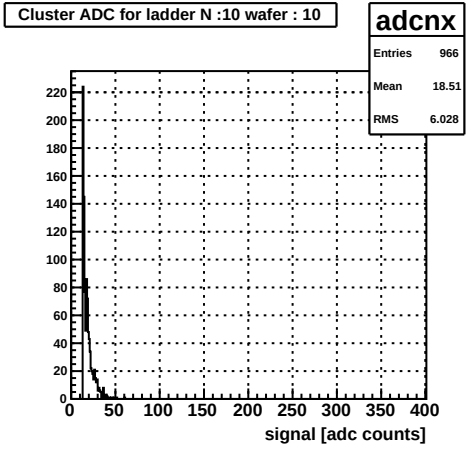

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 603
Mean 25.7
RMS 8.872
signal [adc counts]

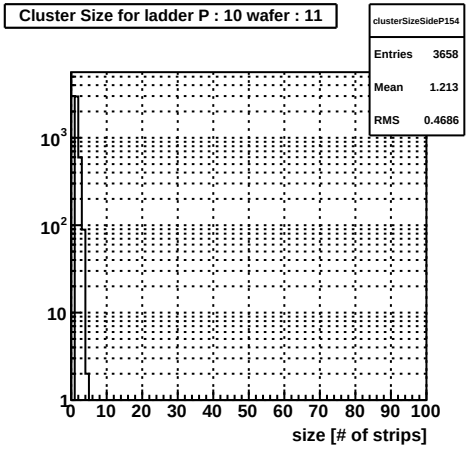

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 4587
Mean 1.017
RMS 0.1406
size [# of strips]

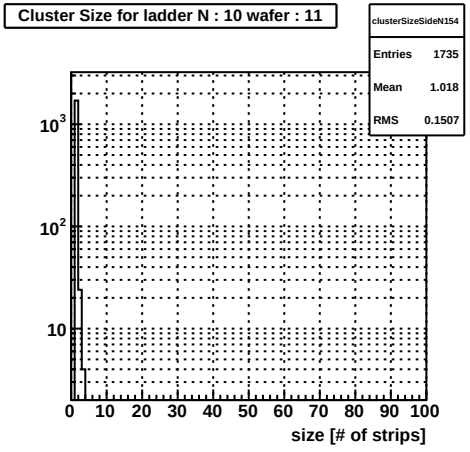

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 966
Mean 1.051
RMS 0.2503
size [# of strips]

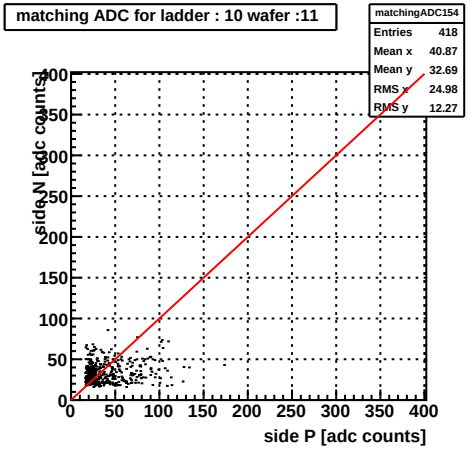

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 22
Mean x 27.18
Mean y 14.82
RMS x 11.55
RMS y 3.298
side N [adc counts]
side P [adc counts]

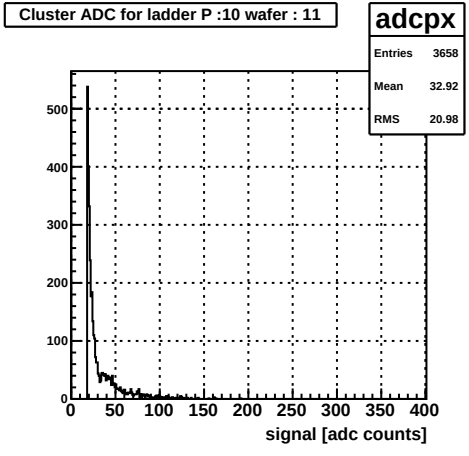

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 4587
Mean 24.68
RMS 11.06
signal [adc counts]

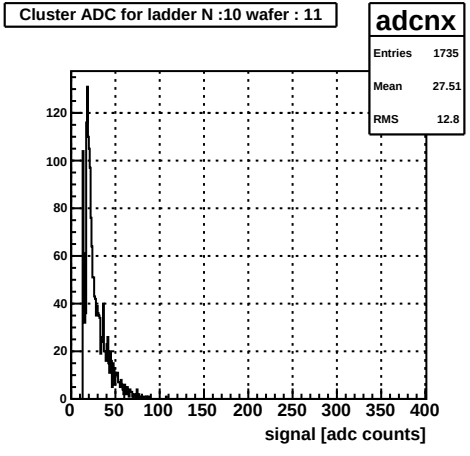

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 966
Mean 18.51
RMS 6.028
signal [adc counts]

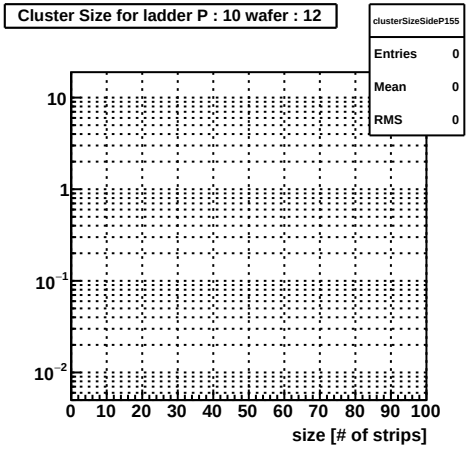

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3658
Mean 1.213
RMS 0.4686
size [# of strips]

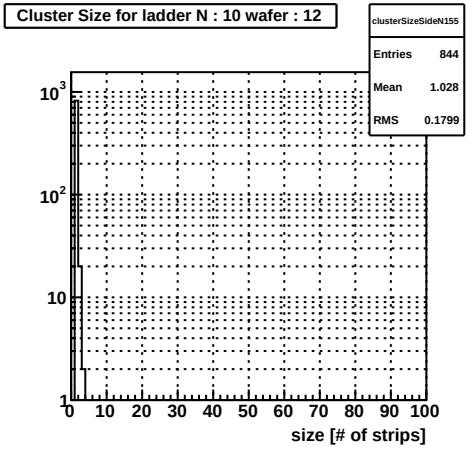

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 1735
Mean 1.018
RMS 0.1507
size [# of strips]

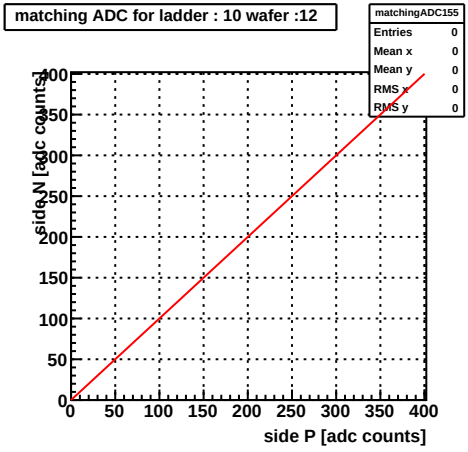

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 418
Mean x 40.87
Mean y 32.69
RMS x 24.98
RMS y 12.27
side N [adc counts]
side P [adc counts]

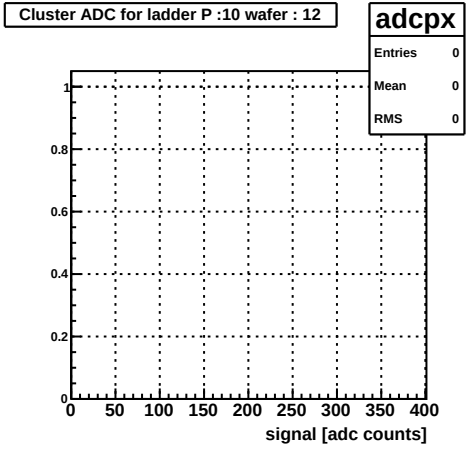

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3658
Mean 32.92
RMS 20.98
signal [adc counts]

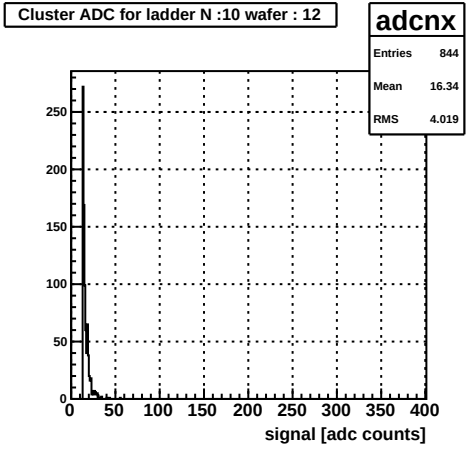

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 1735
Mean 27.51
RMS 12.8
signal [adc counts]

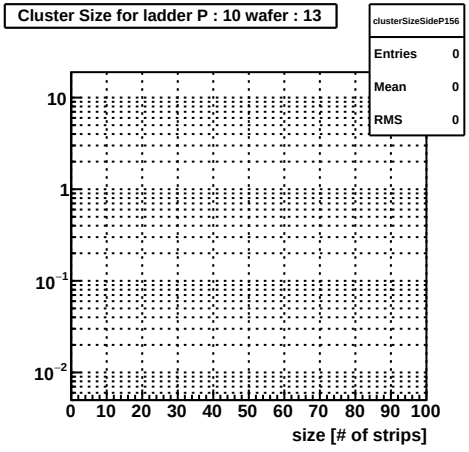

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

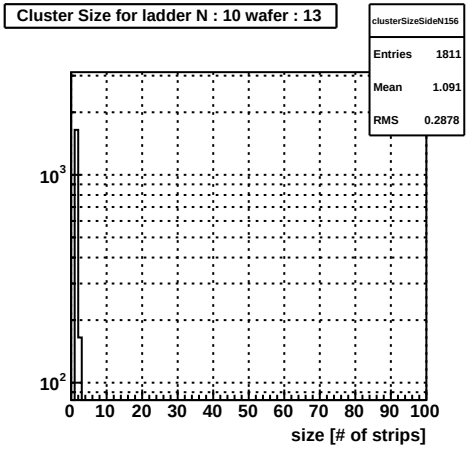

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 844
Mean 1.028
RMS 0.1799
size [# of strips]

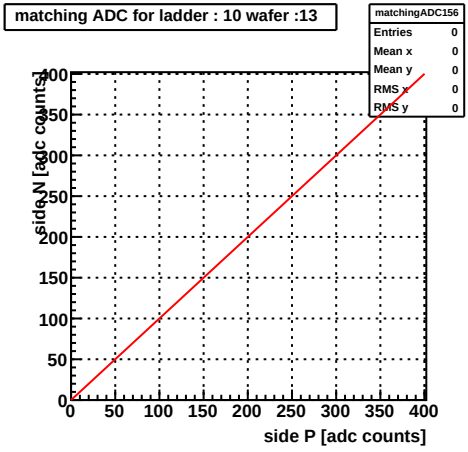

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

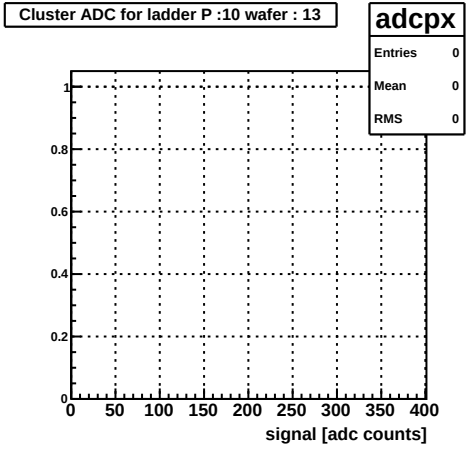

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

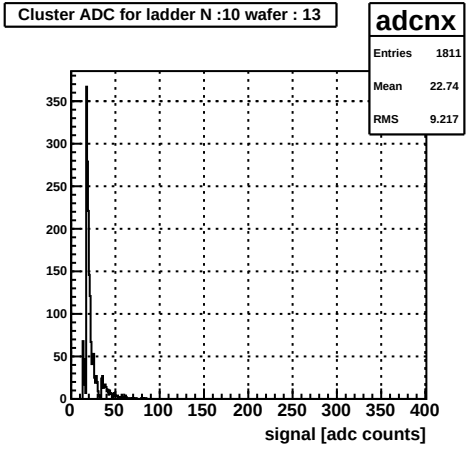

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 844
Mean 16.34
RMS 4.019
signal [adc counts]

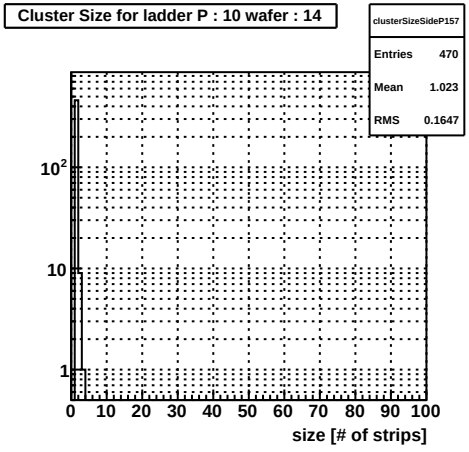

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

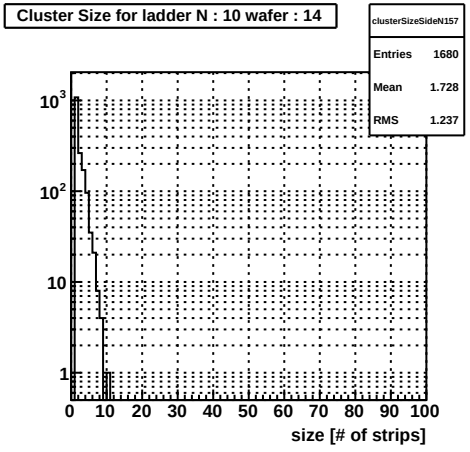

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1811
Mean 1.091
RMS 0.2878
size [# of strips]

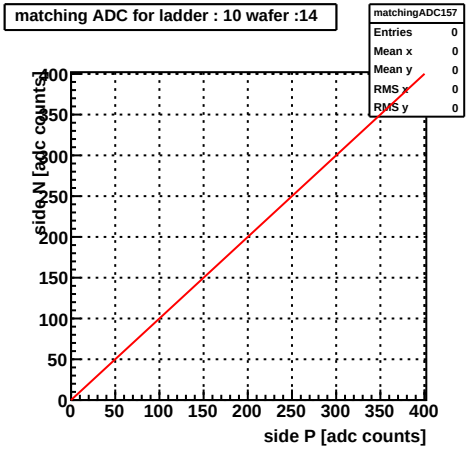

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

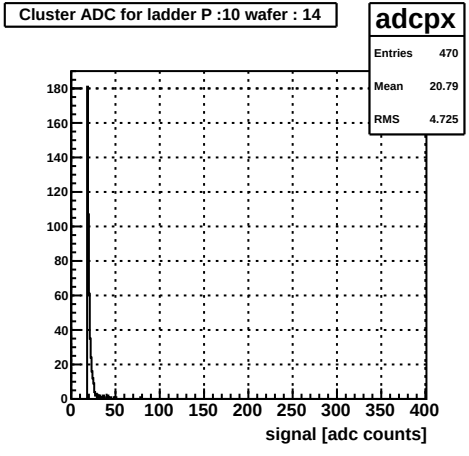

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

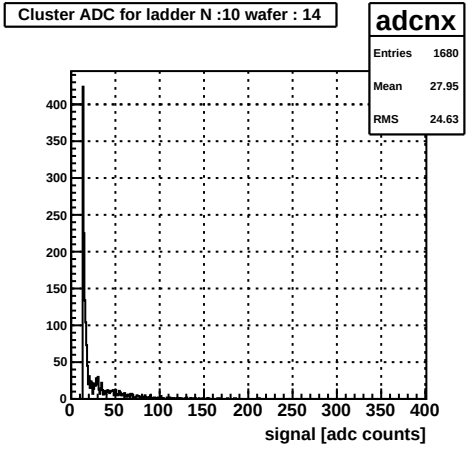

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1811
Mean 22.74
RMS 9.217
signal [adc counts]

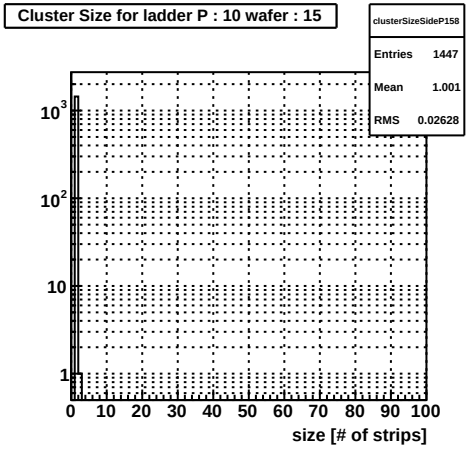

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 470
Mean 1.023
RMS 0.1647
size [# of strips]

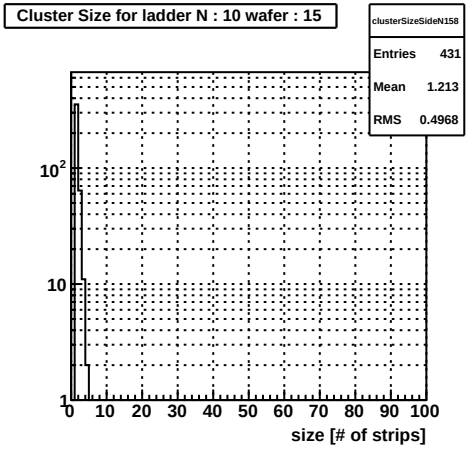

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1680
Mean 1.728
RMS 1.237
size [# of strips]

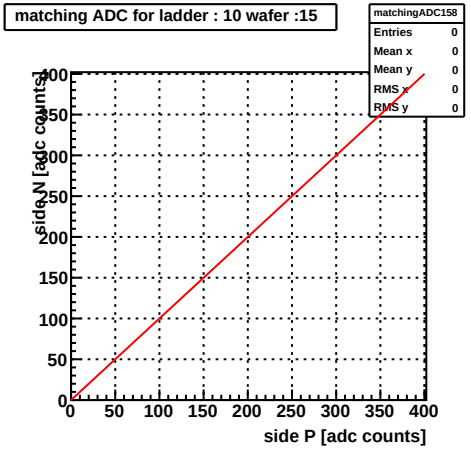

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

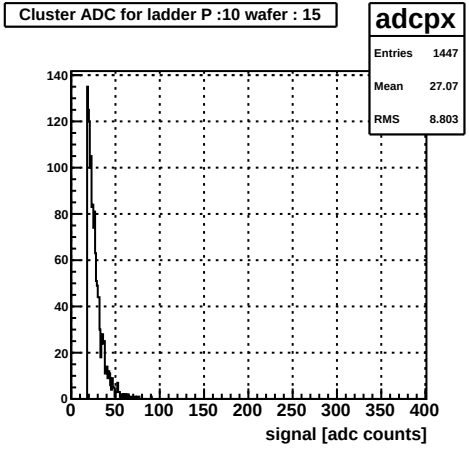

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 470
Mean 20.79
RMS 4.725
signal [adc counts]

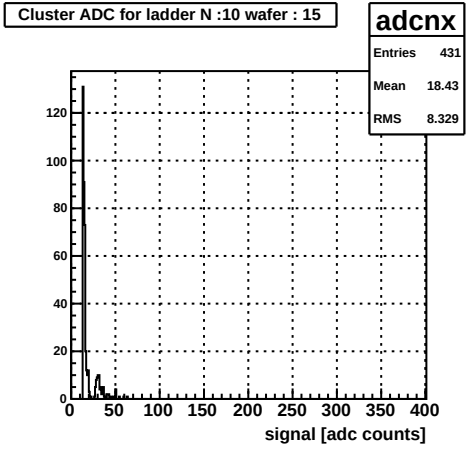

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1680
Mean 27.95
RMS 24.63
signal [adc counts]

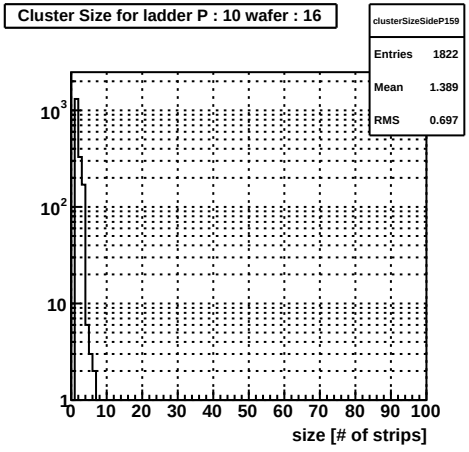

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1447
Mean 1.001
RMS 0.02628
size [# of strips]

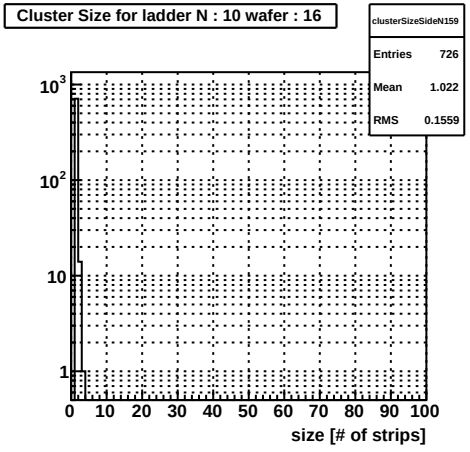

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 431
Mean 1.213
RMS 0.4968
size [# of strips]

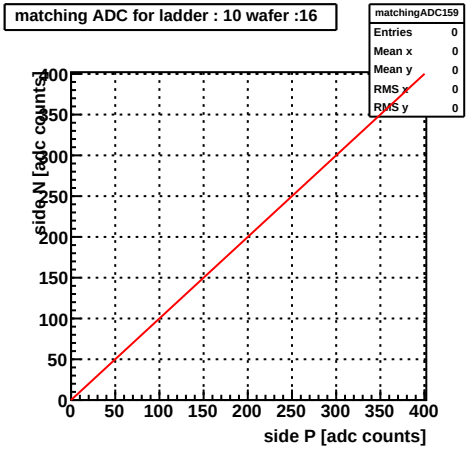

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

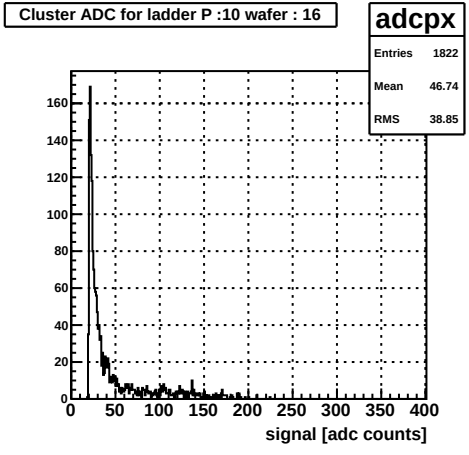

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1447
Mean 27.07
RMS 8.803
signal [adc counts]

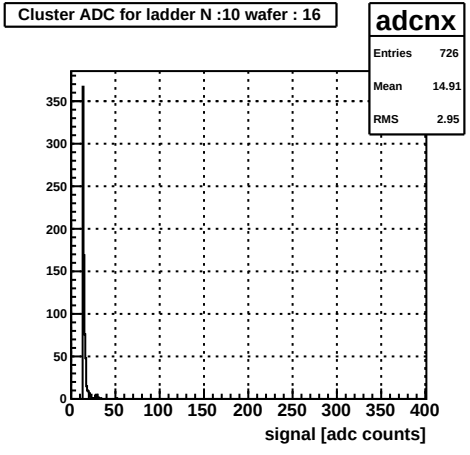

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 431
Mean 18.43
RMS 8.329
signal [adc counts]

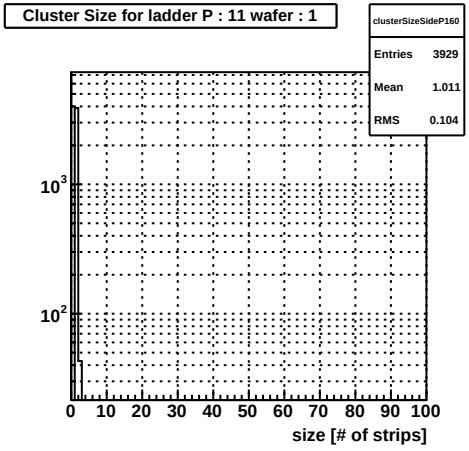

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1822
Mean 1.389
RMS 0.697
size [# of strips]

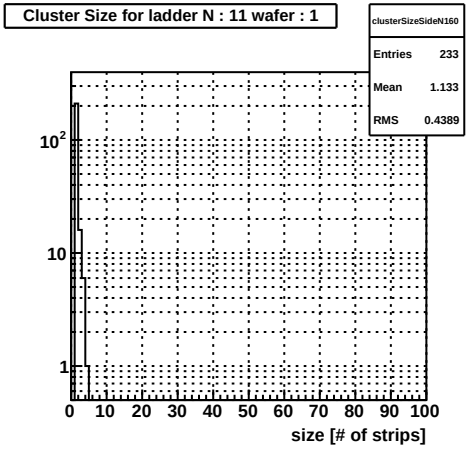

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 726
Mean 1.022
RMS 0.1559
size [# of strips]

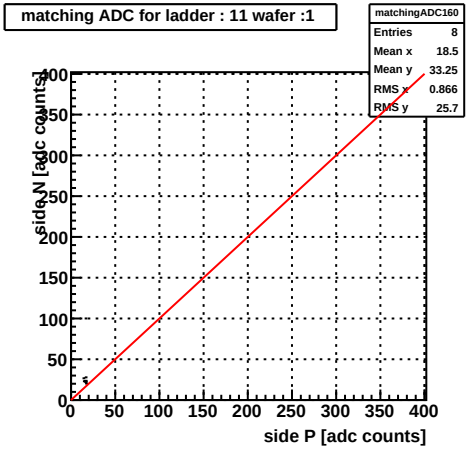

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

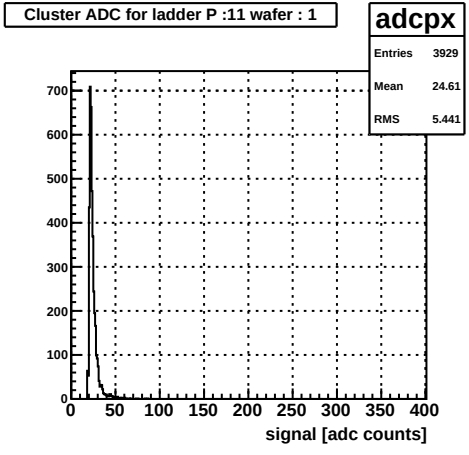

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1822
Mean 46.74
RMS 38.85
signal [adc counts]

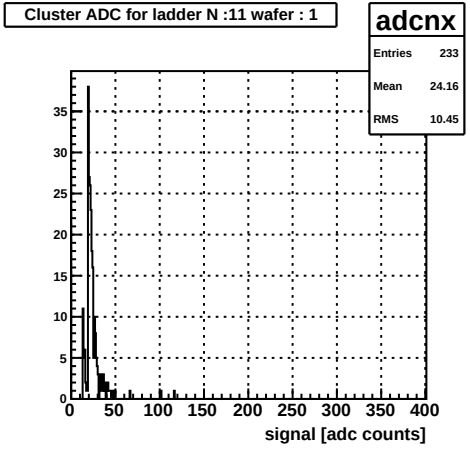

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 726
Mean 14.91
RMS 2.95
signal [adc counts]

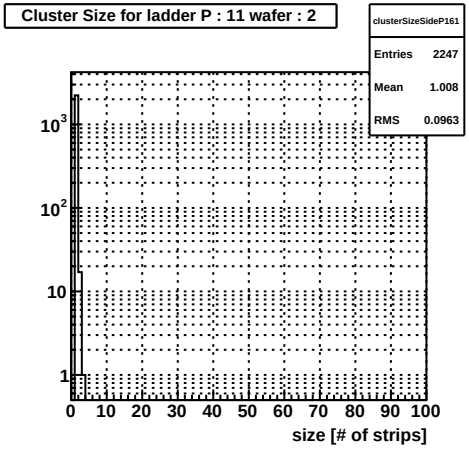

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3929
Mean 1.011
RMS 0.104
size [# of strips]

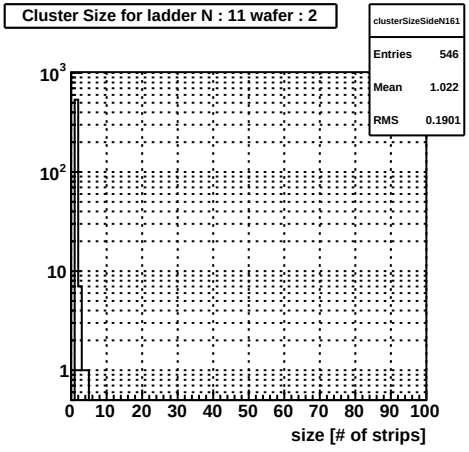

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 233
Mean 1.133
RMS 0.4389
size [# of strips]

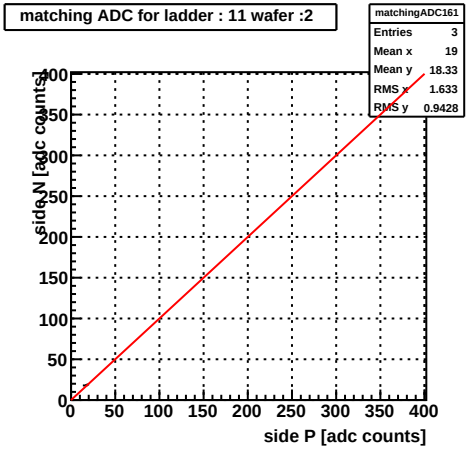

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8
Mean x 18.5
Mean y 33.25
RMS x 0.866
RMS y 25.7
side N [adc counts]
side P [adc counts]

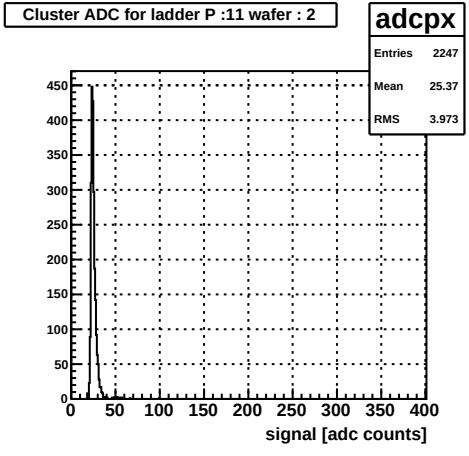

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3929
Mean 24.61
RMS 5.441
signal [adc counts]

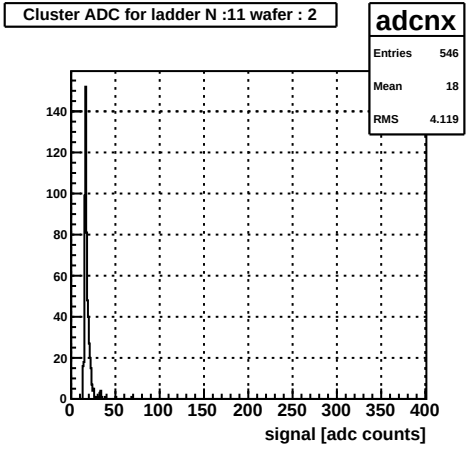

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 233
Mean 24.16
RMS 10.45
signal [adc counts]

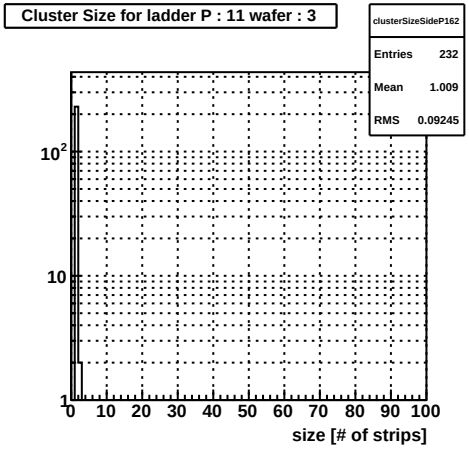

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2247
Mean 1.008
RMS 0.0963
size [# of strips]

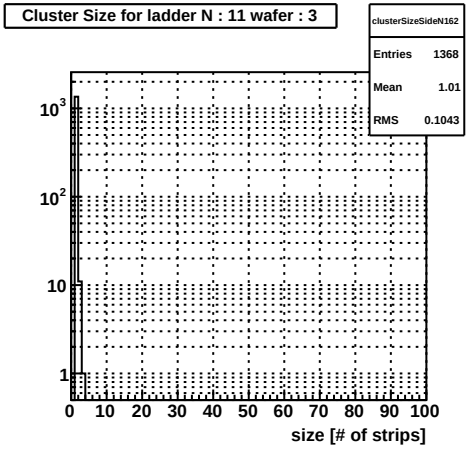

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 546
Mean 1.022
RMS 0.1901
size [# of strips]

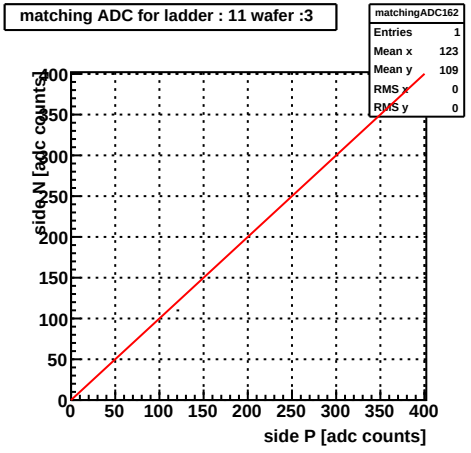

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 3
Mean x 19
Mean y 18.33
RMS x 1.633
RMS y 0.9428
side N [adc counts]
side P [adc counts]

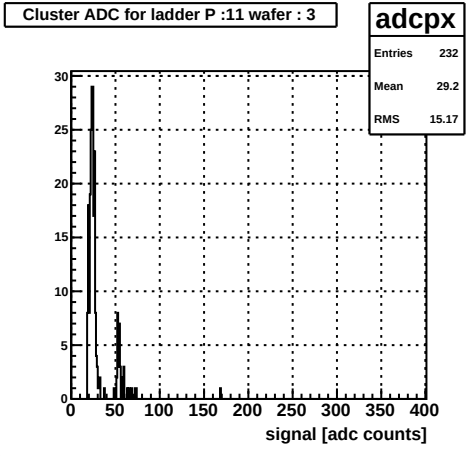

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2247
Mean 25.37
RMS 3.973
signal [adc counts]

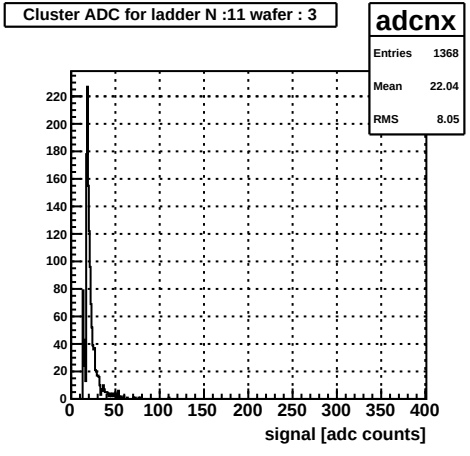

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 546
Mean 18
RMS 4.119
signal [adc counts]

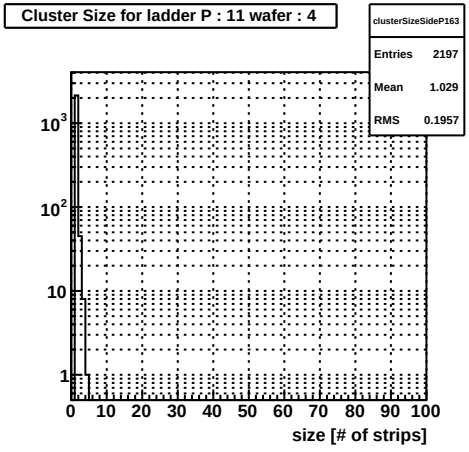

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 232
Mean 1.009
RMS 0.09245
size [# of strips]

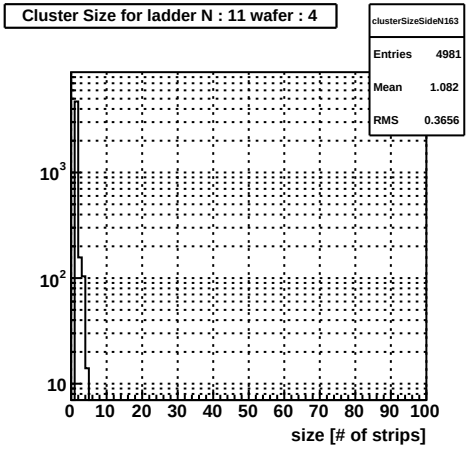

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1368
Mean 1.01
RMS 0.1043
size [# of strips]

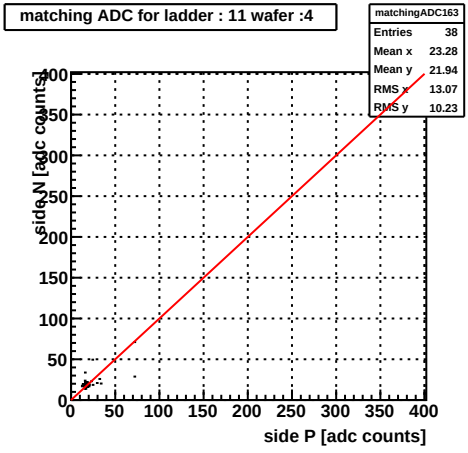

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1
Mean x 123
Mean y 109
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

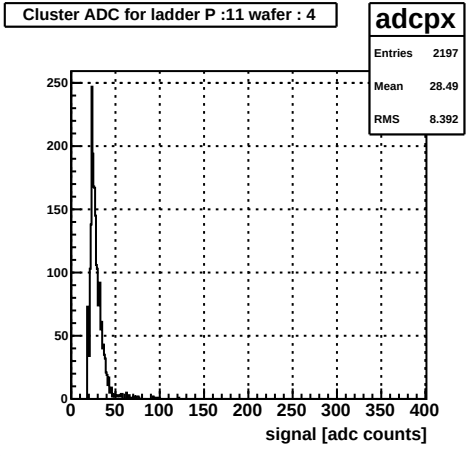

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 232
Mean 29.2
RMS 15.17
signal [adc counts]

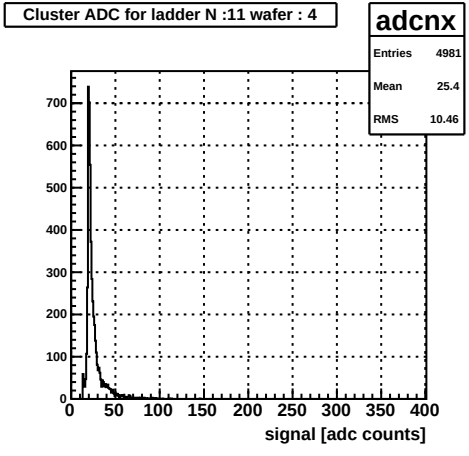

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1368
Mean 22.04
RMS 8.05
signal [adc counts]

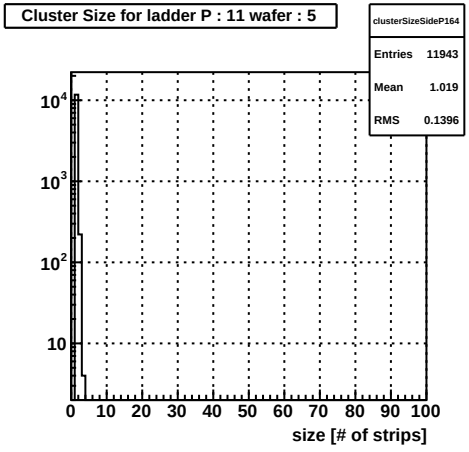

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2197
Mean 1.029
RMS 0.1957
size [# of strips]

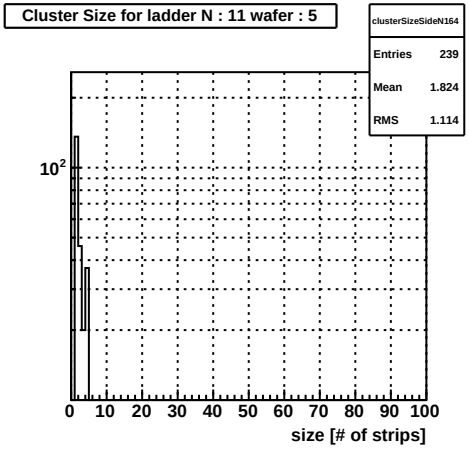

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4981
Mean 1.082
RMS 0.3656
size [# of strips]

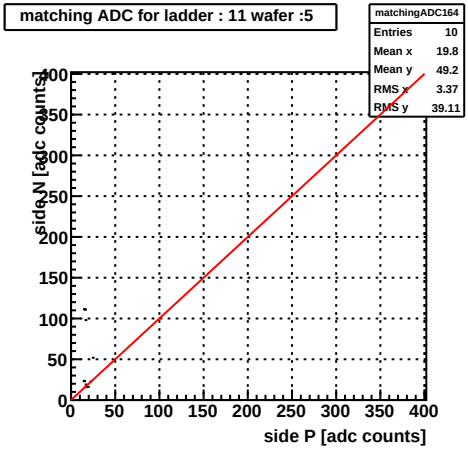

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 38
Mean x 23.28
Mean y 21.94
RMS x 13.07
RMS y 10.23
side N [adc counts]
side P [adc counts]

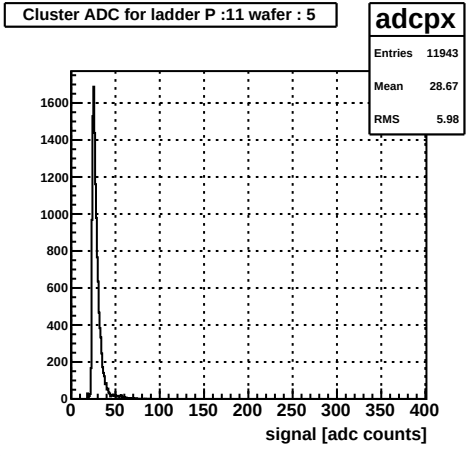

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2197
Mean 28.49
RMS 8.392
signal [adc counts]

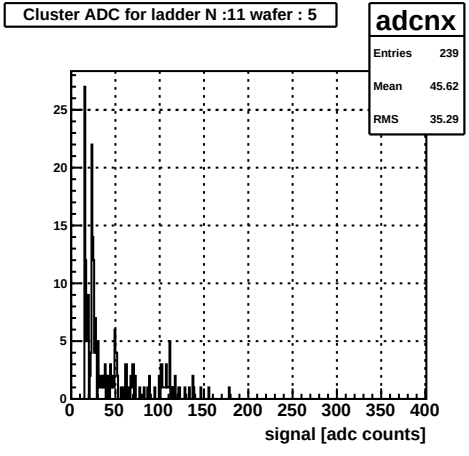

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4981
Mean 25.4
RMS 10.46
signal [adc counts]

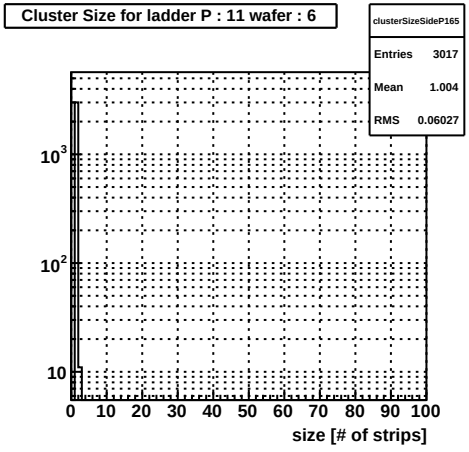

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11943
Mean 1.019
RMS 0.1396
size [# of strips]

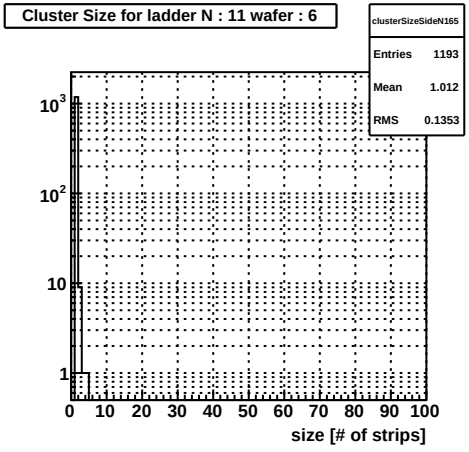

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 239
Mean 1.824
RMS 1.114
size [# of strips]

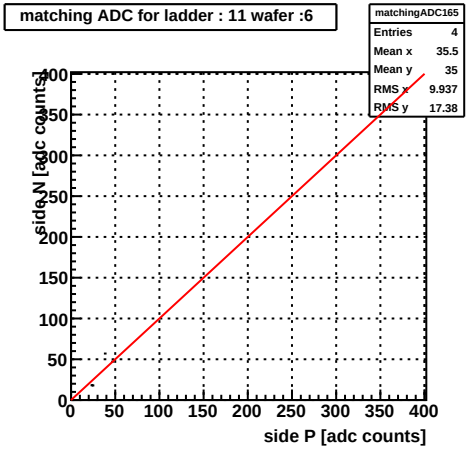

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 10
Mean x 19.8
Mean y 49.2
RMS x 3.37
RMS y 39.11
side N [adc counts]
side P [adc counts]

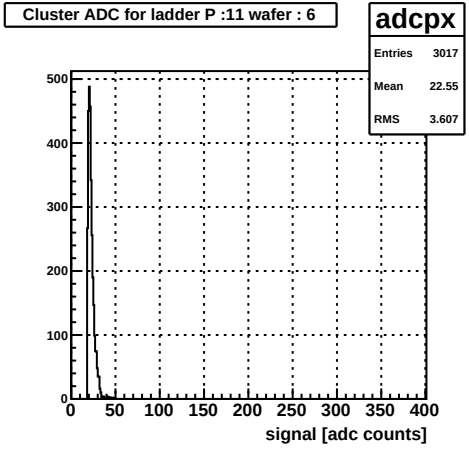

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11943
Mean 28.67
RMS 5.98
signal [adc counts]

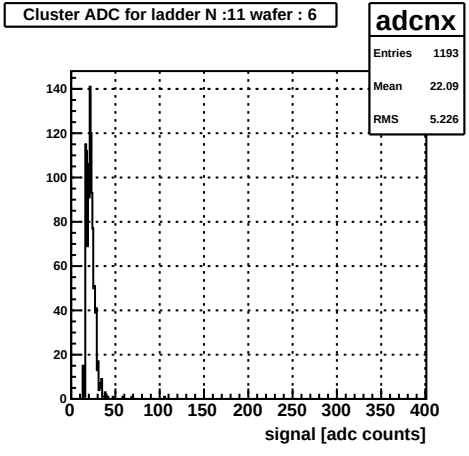

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 239
Mean 45.62
RMS 35.29
signal [adc counts]

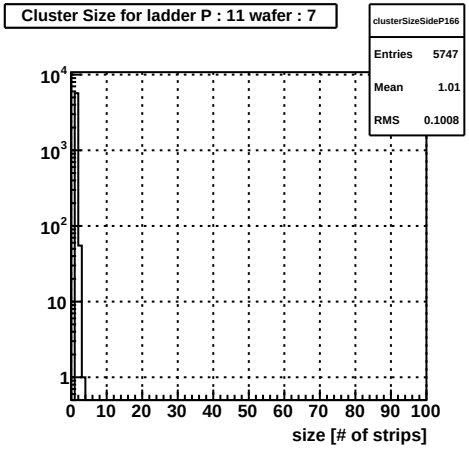

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3017
Mean 1.004
RMS 0.06027
size [# of strips]

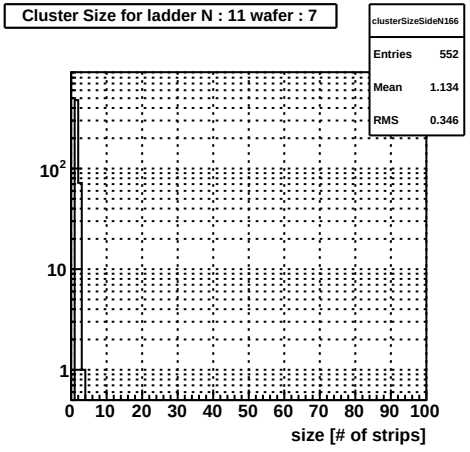

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1193
Mean 1.012
RMS 0.1353
size [# of strips]

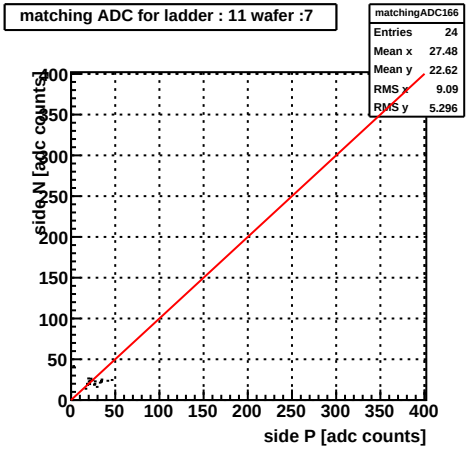

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 4
Mean x 35.5
Mean y 35
RMS x 9.937
RMS y 17.38
side N [adc counts]
side P [adc counts]

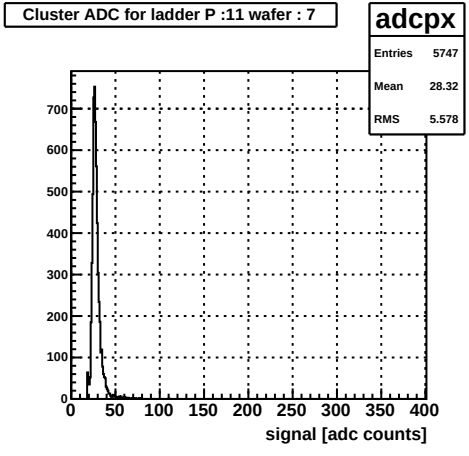

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3017
Mean 22.55
RMS 3.607
signal [adc counts]

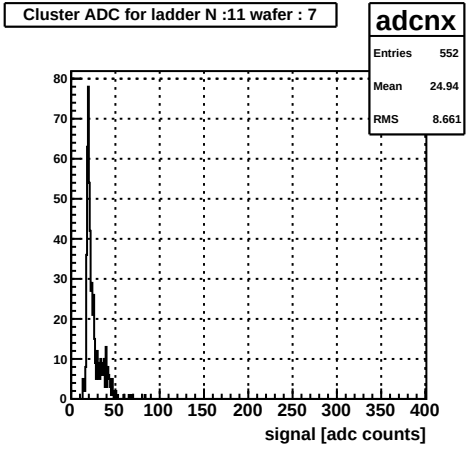

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1193
Mean 22.09
RMS 5.226
signal [adc counts]

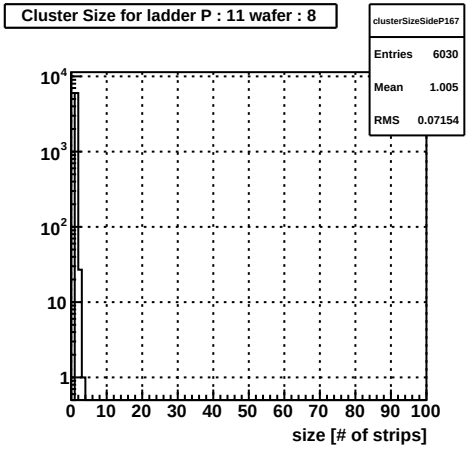

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5747
Mean 1.01
RMS 0.1008
size [# of strips]

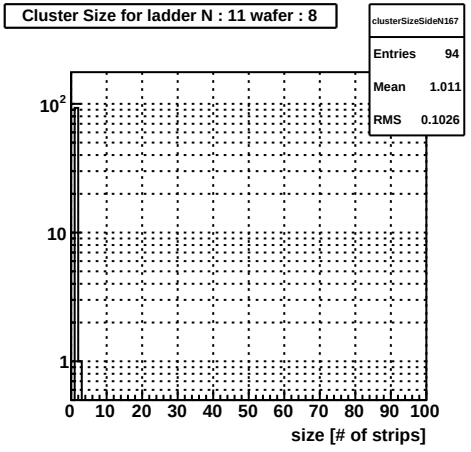

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 552
Mean 1.134
RMS 0.346
size [# of strips]

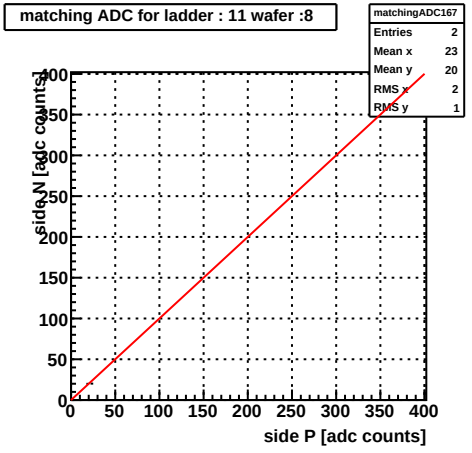

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 24
Mean x 27.48
Mean y 22.62
RMS x 9.09
RMS y 5.296
side N [adc counts]
side P [adc counts]

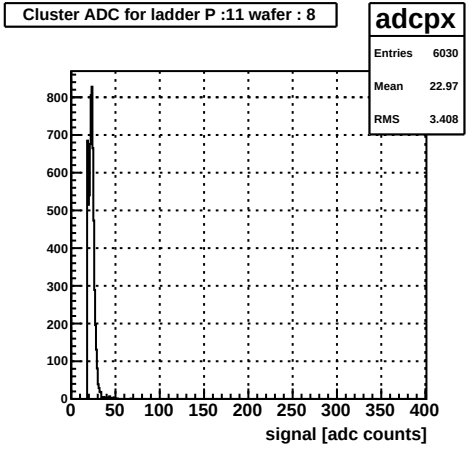

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5747
Mean 28.32
RMS 5.578
signal [adc counts]

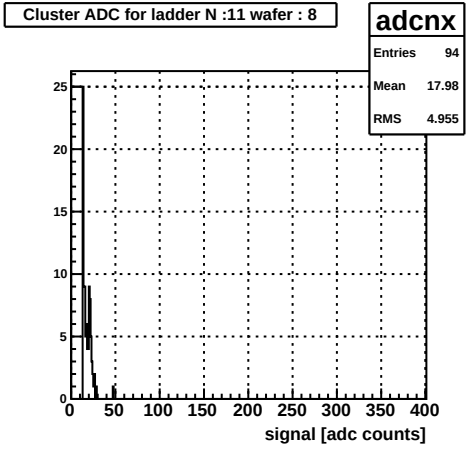

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 552
Mean 24.94
RMS 8.661
signal [adc counts]

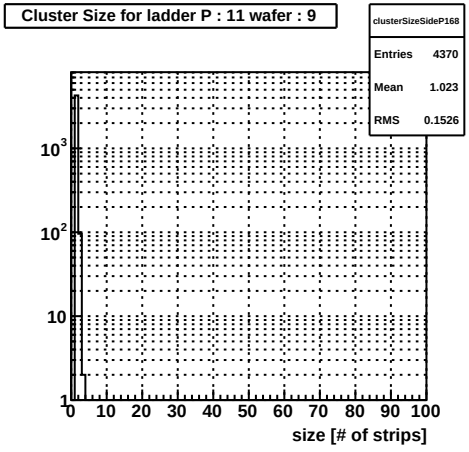

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6030
Mean 1.005
RMS 0.07154
size [# of strips]

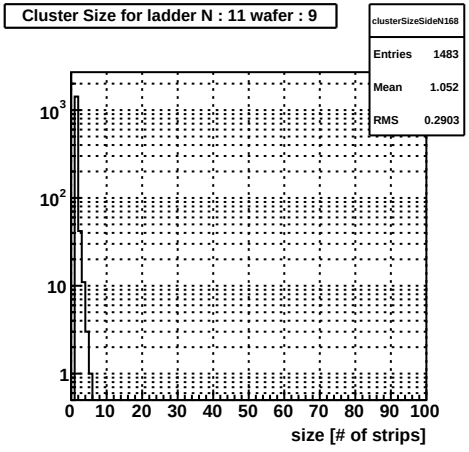

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 94
Mean 1.011
RMS 0.1026
size [# of strips]

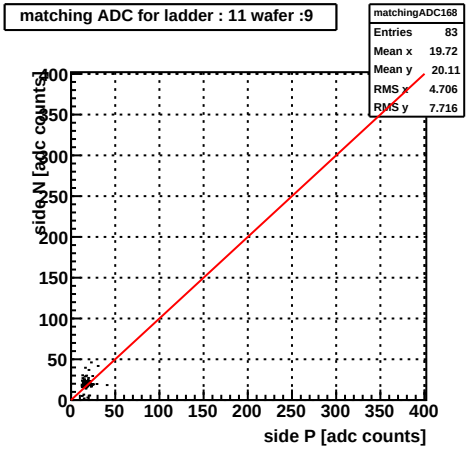

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 2
Mean x 23
Mean y 20
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

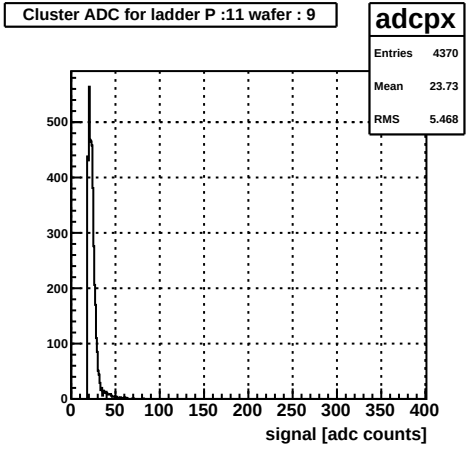

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6030
Mean 22.97
RMS 3.408
signal [adc counts]

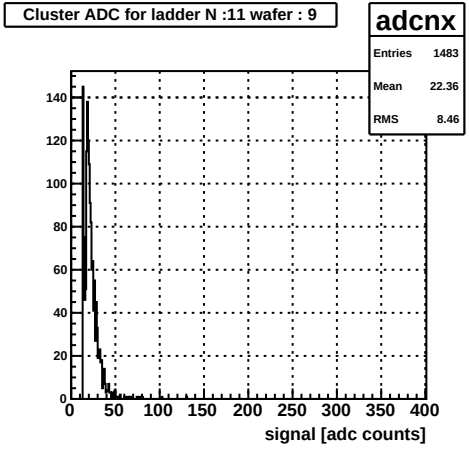

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 94
Mean 17.98
RMS 4.955
signal [adc counts]

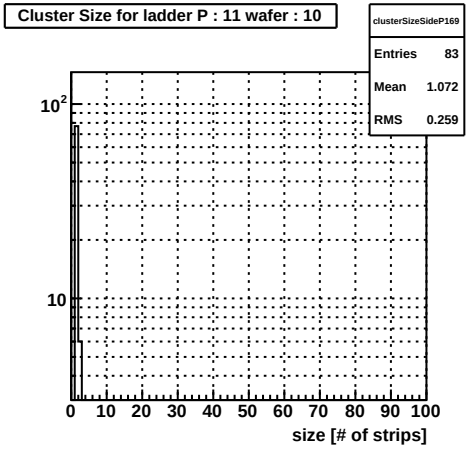

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 4370
Mean 1.023
RMS 0.1526
size [# of strips]

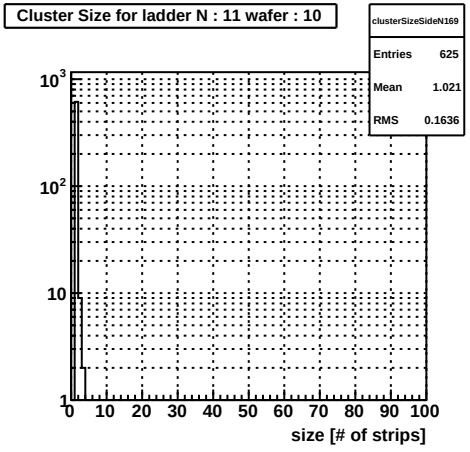

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1483
Mean 1.052
RMS 0.2903
size [# of strips]

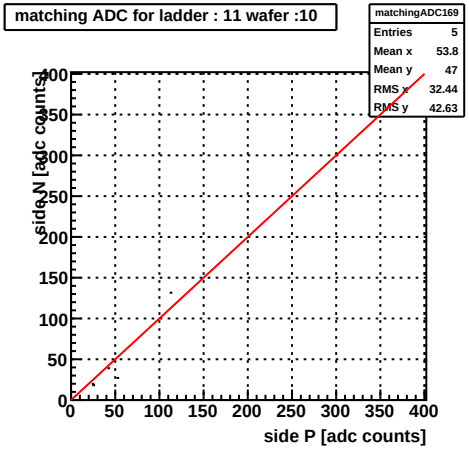

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 83
Mean x 19.72
Mean y 20.11
RMS x 4.706
RMS y 7.716
side N [adc counts]
side P [adc counts]

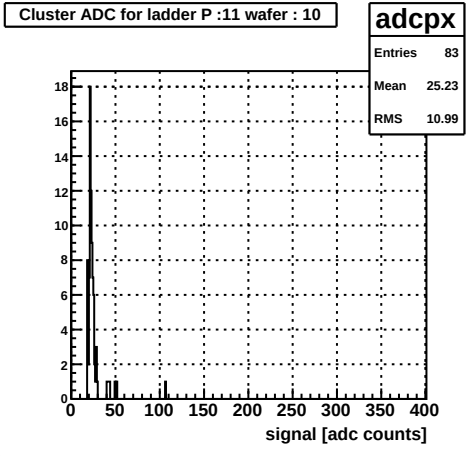

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 4370
Mean 23.73
RMS 5.468
signal [adc counts]

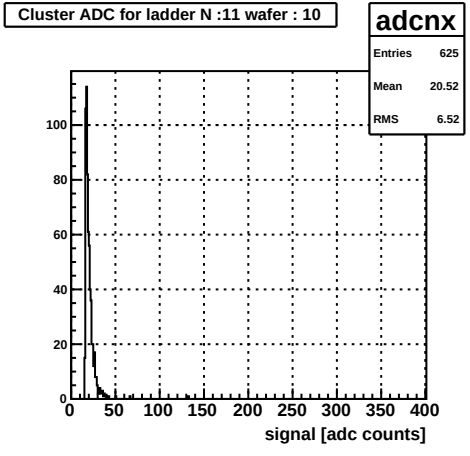

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1483
Mean 22.36
RMS 8.46
signal [adc counts]

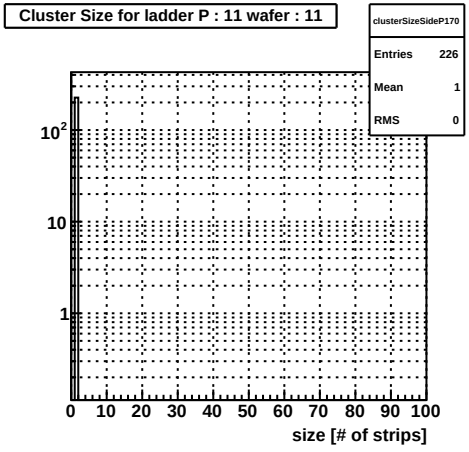

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 83
Mean 1.072
RMS 0.259
size [# of strips]

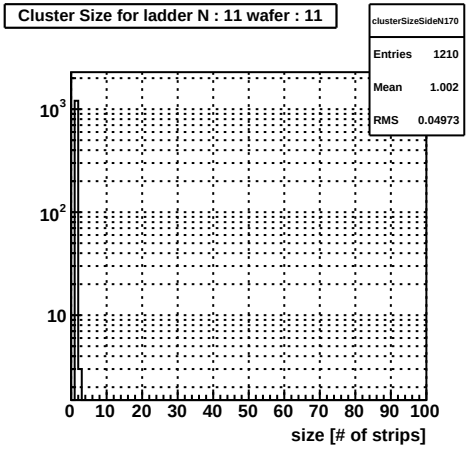

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 625
Mean 1.021
RMS 0.1636
size [# of strips]

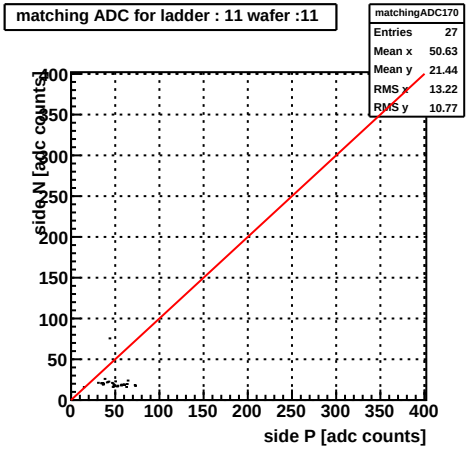

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 5
Mean x 53.8
Mean y 47
RMS x 32.44
RMS y 42.63
side N [adc counts]
side P [adc counts]

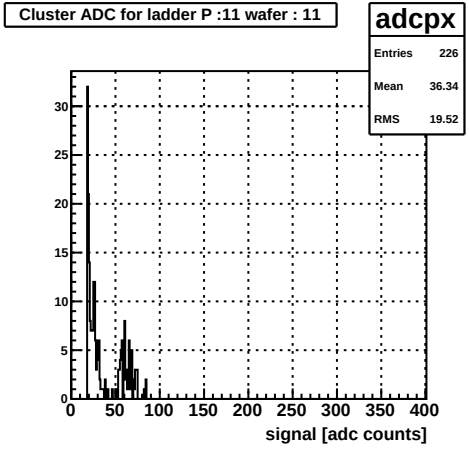

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 83
Mean 25.23
RMS 10.99
signal [adc counts]

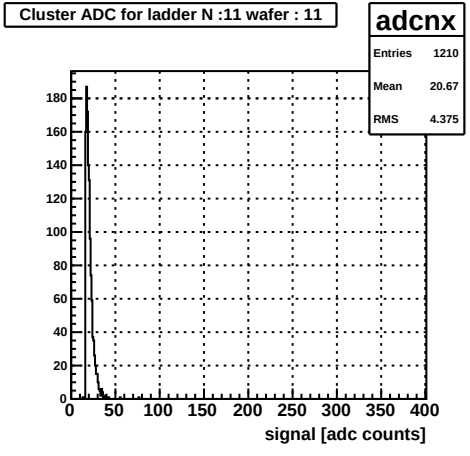

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 625
Mean 20.52
RMS 6.52
signal [adc counts]

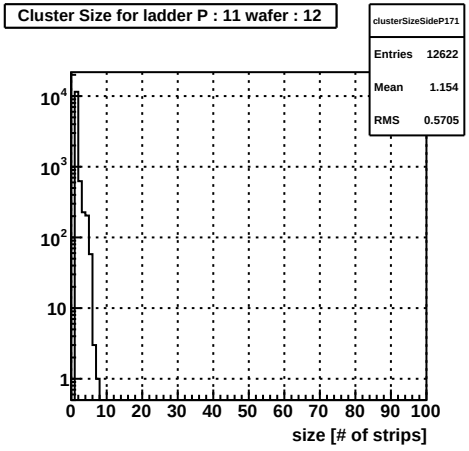

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 226
Mean 1
RMS 0
size [# of strips]

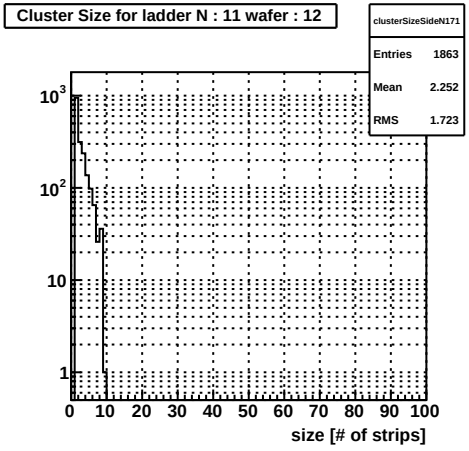

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1210
Mean 1.002
RMS 0.04973
size [# of strips]

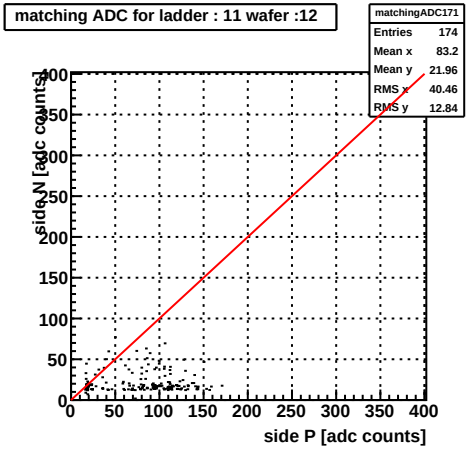

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 27
Mean x 50.63
Mean y 21.44
RMS x 13.22
RMS y 10.77
side N [adc counts]
side P [adc counts]

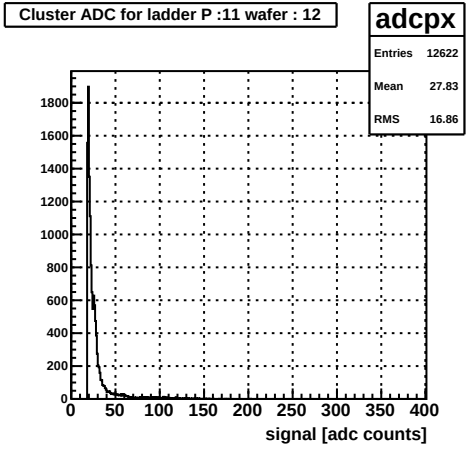

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 226
Mean 36.34
RMS 19.52
signal [adc counts]

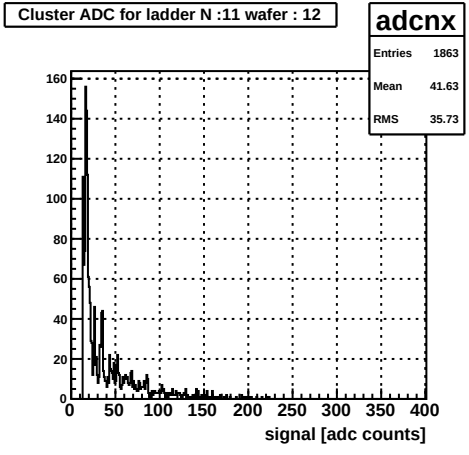

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1210
Mean 20.67
RMS 4.375
signal [adc counts]

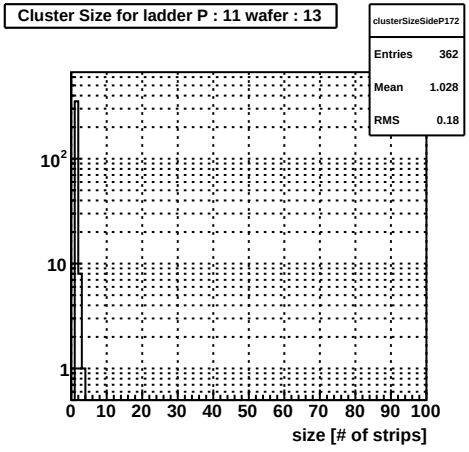

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12622
Mean 1.154
RMS 0.5705
size [# of strips]

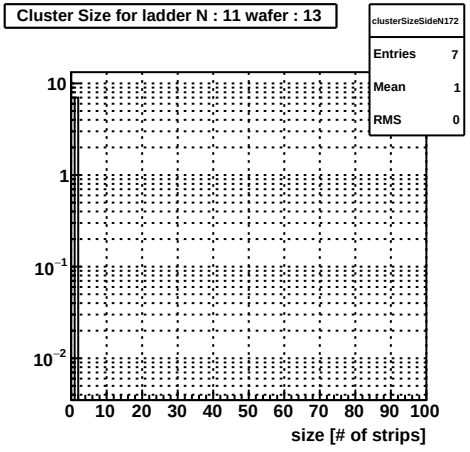

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 1863
Mean 2.252
RMS 1.723
size [# of strips]

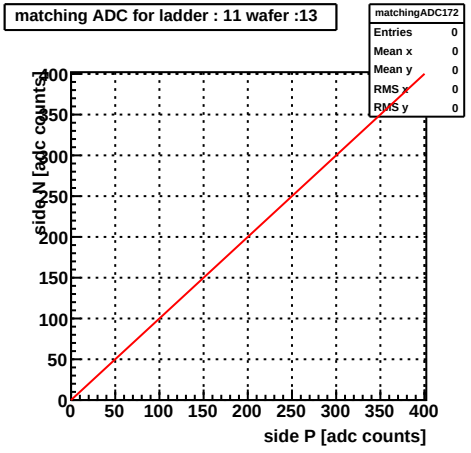

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 174
Mean x 83.2
Mean y 21.96
RMS x 40.46
RMS y 12.84
side N [adc counts]
side P [adc counts]

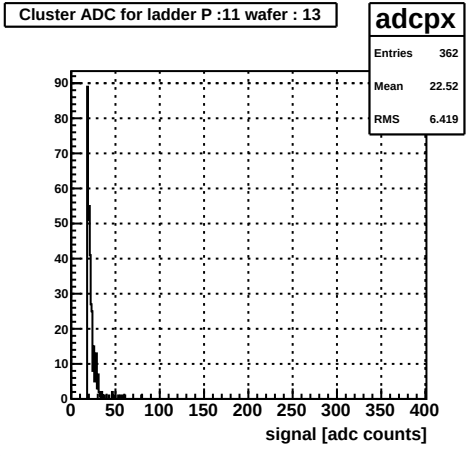

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12622
Mean 27.83
RMS 16.86
signal [adc counts]

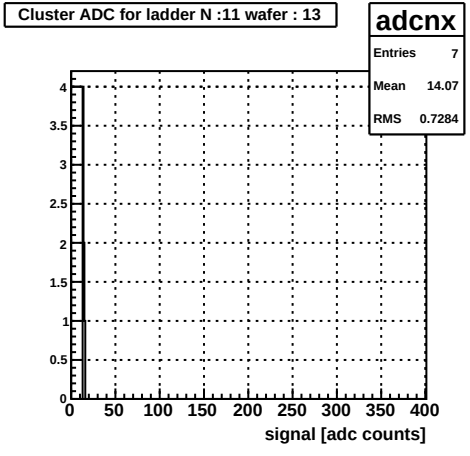

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 1863
Mean 41.63
RMS 35.73
signal [adc counts]

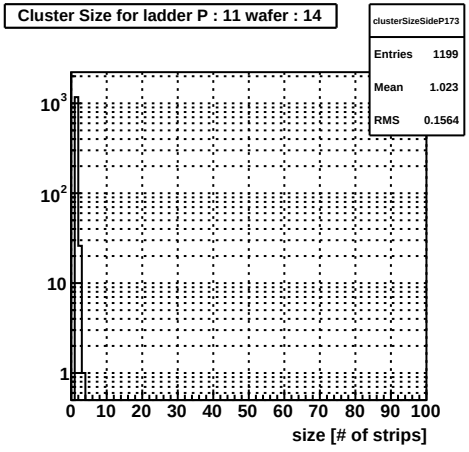

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 362
Mean 1.028
RMS 0.18
size [# of strips]

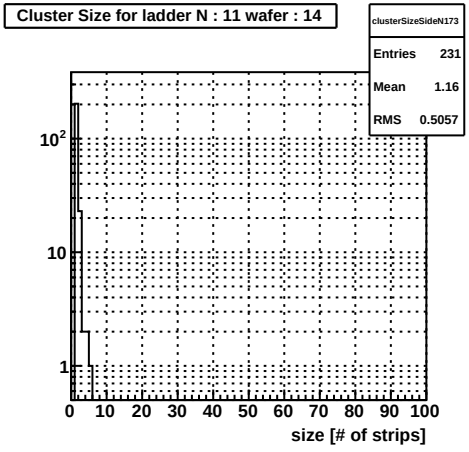

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 7
Mean 1
RMS 0
size [# of strips]

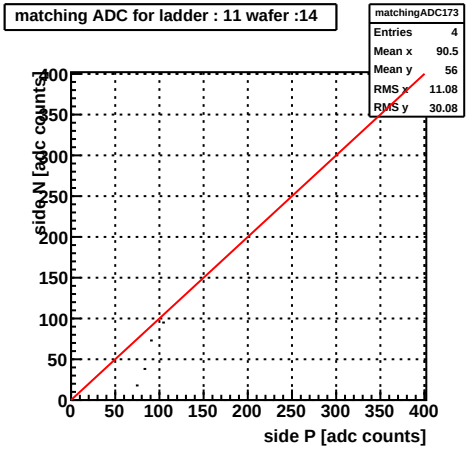

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

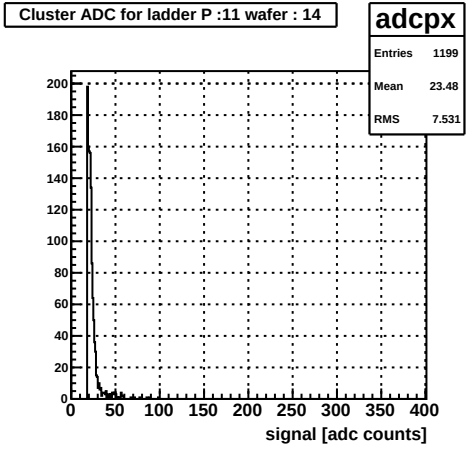

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 362
Mean 22.52
RMS 6.419
signal [adc counts]

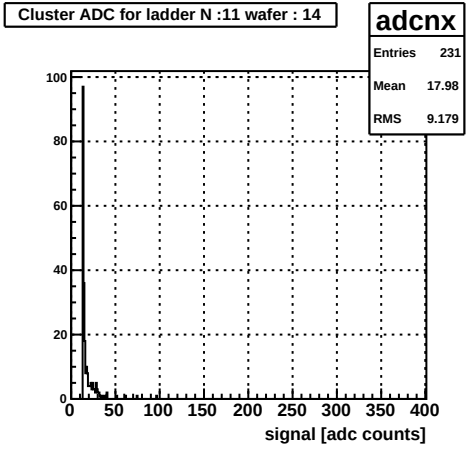

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 7
Mean 14.07
RMS 0.7284
signal [adc counts]

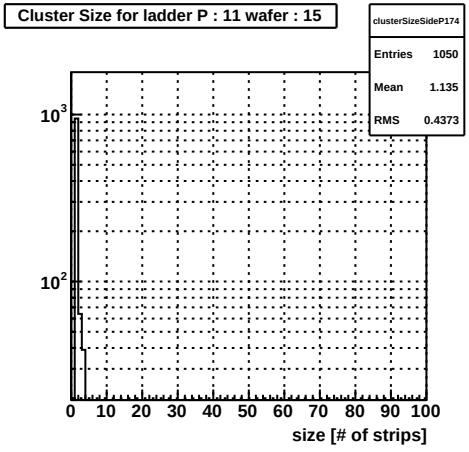

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1199
Mean 1.023
RMS 0.1564
size [# of strips]

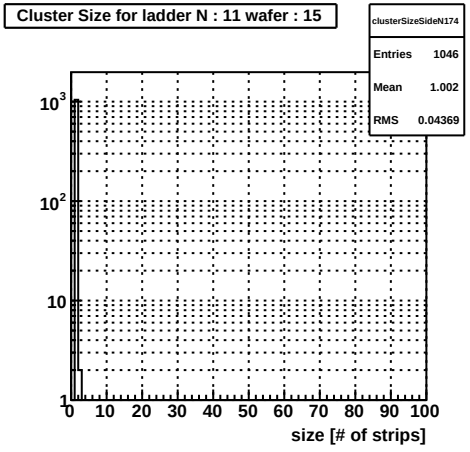

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 231
Mean 1.16
RMS 0.5057
size [# of strips]

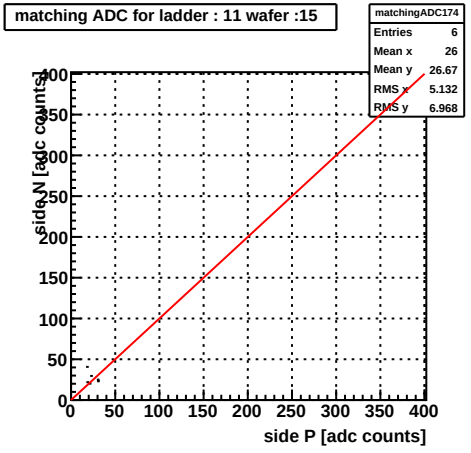

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 4
Mean x 90.5
Mean y 56
RMS x 11.08
RMS y 30.08
side N [adc counts]
side P [adc counts]

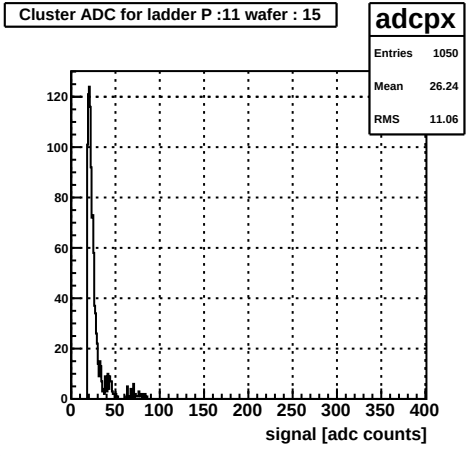

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1199
Mean 23.48
RMS 7.531
signal [adc counts]

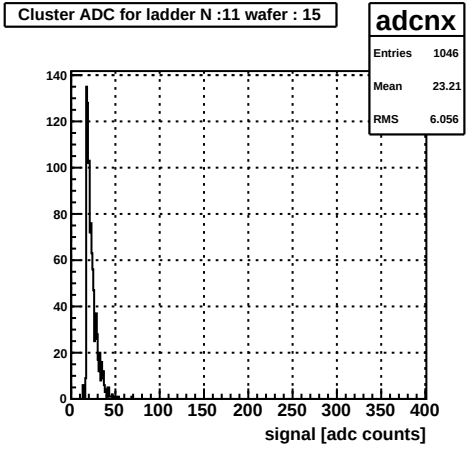

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 231
Mean 17.98
RMS 9.179
signal [adc counts]

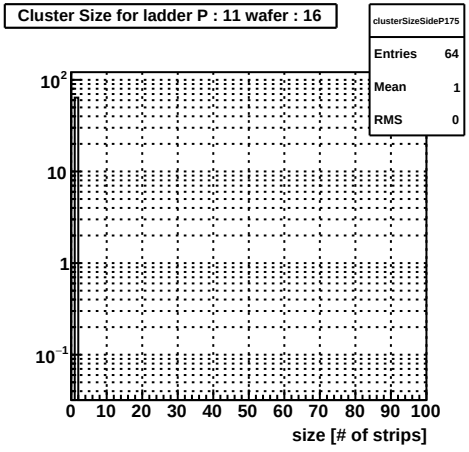

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1050
Mean 1.135
RMS 0.4373
size [# of strips]

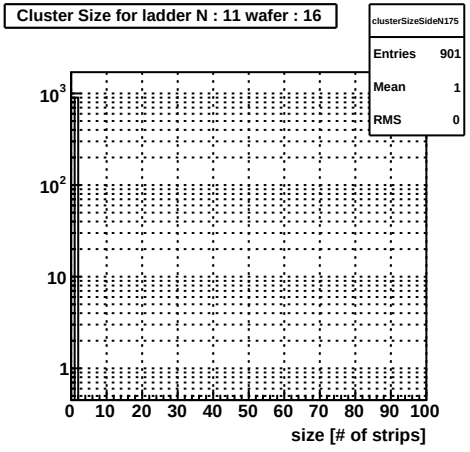

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1046
Mean 1.002
RMS 0.04369
size [# of strips]

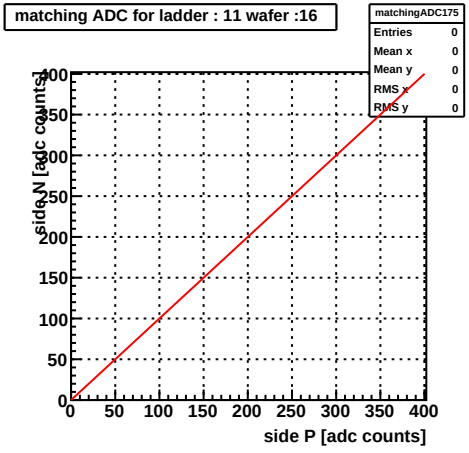

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 6
Mean x 26
Mean y 26.67
RMS x 5.132
RMS y 6.968
side N [adc counts]
side P [adc counts]

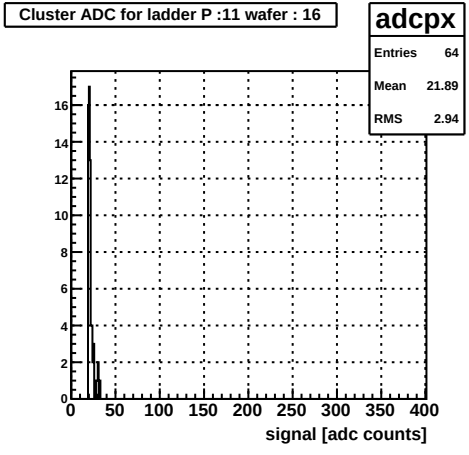

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1050
Mean 26.24
RMS 11.06
signal [adc counts]

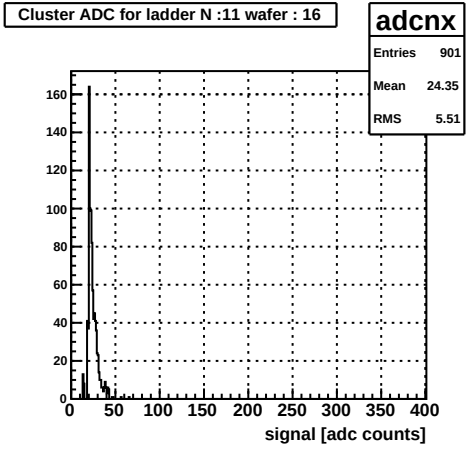

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1046
Mean 23.21
RMS 6.056
signal [adc counts]

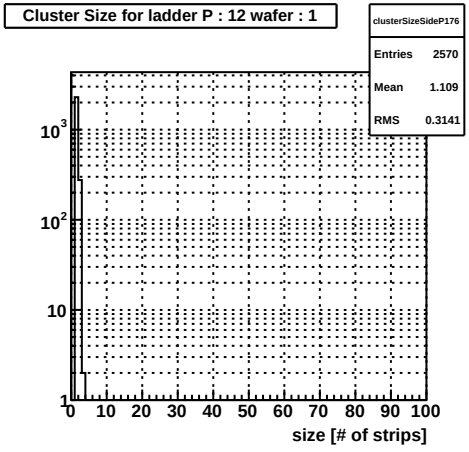

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 64
Mean 1
RMS 0
size [# of strips]

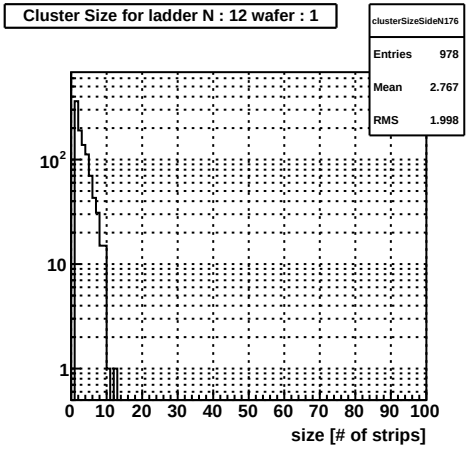

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 901
Mean 1
RMS 0
size [# of strips]

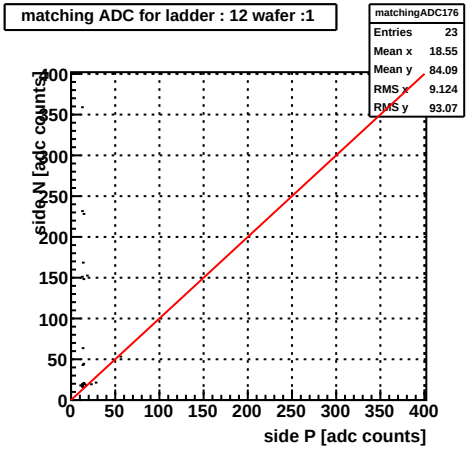

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

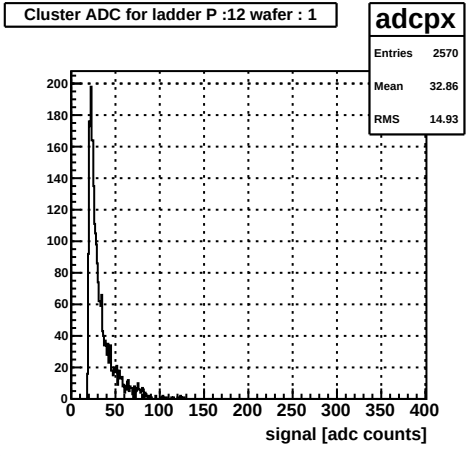

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 64
Mean 21.89
RMS 2.94
signal [adc counts]

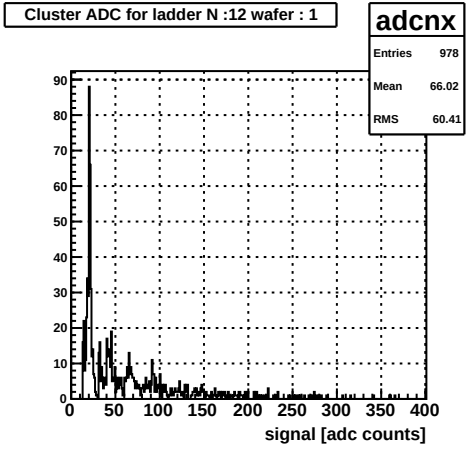

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 901
Mean 24.35
RMS 5.51
signal [adc counts]

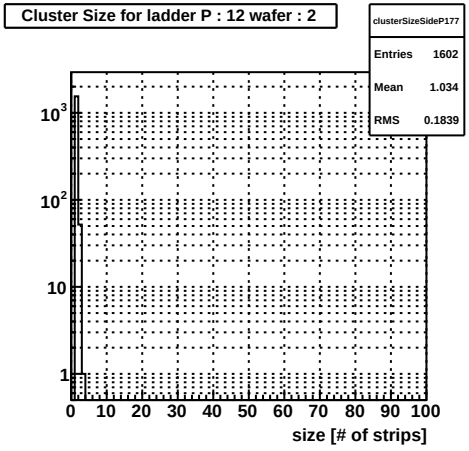

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2570
Mean 1.109
RMS 0.3141
size [# of strips]

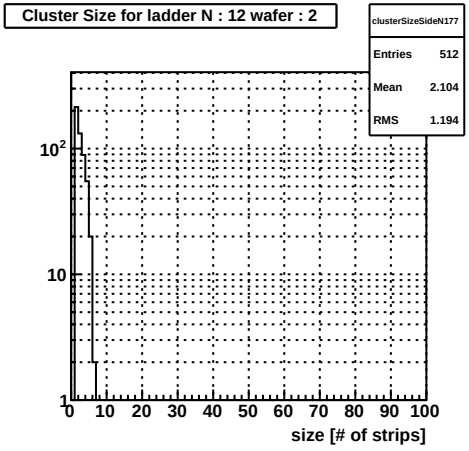

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 978
Mean 2.767
RMS 1.998
size [# of strips]

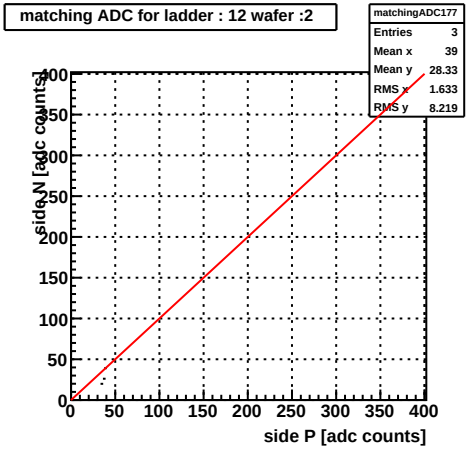

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 23
Mean x 18.55
Mean y 84.09
RMS x 9.124
RMS y 93.07
side N [adc counts]
side P [adc counts]

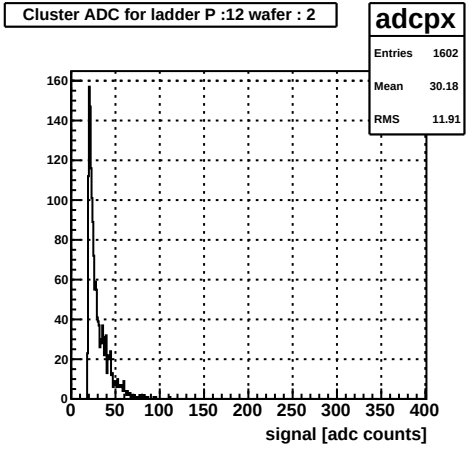

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2570
Mean 32.86
RMS 14.93
signal [adc counts]

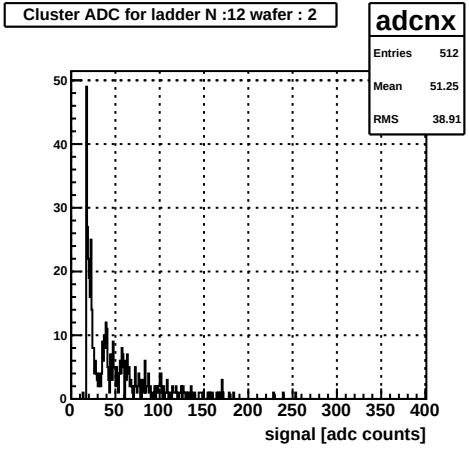

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 978
Mean 66.02
RMS 60.41
signal [adc counts]

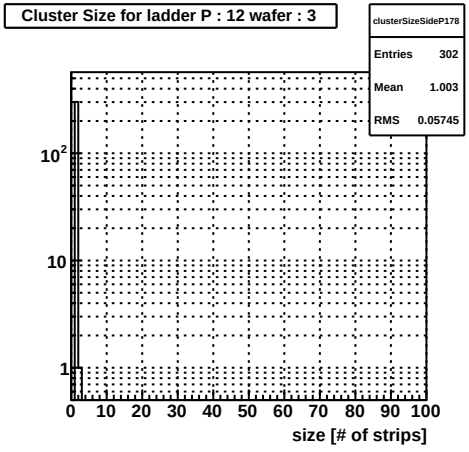

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1602
Mean 1.034
RMS 0.1839
size [# of strips]

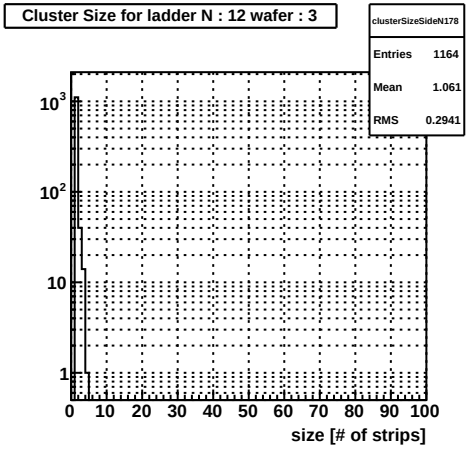

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 512
Mean 2.104
RMS 1.194
size [# of strips]

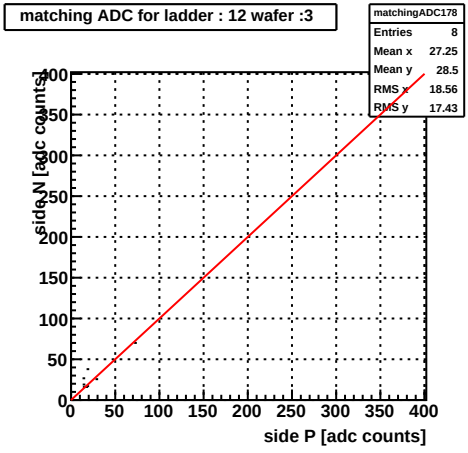

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 3
Mean x 39
Mean y 28.33
RMS x 1.633
RMS y 8.219
side N [adc counts]
side P [adc counts]

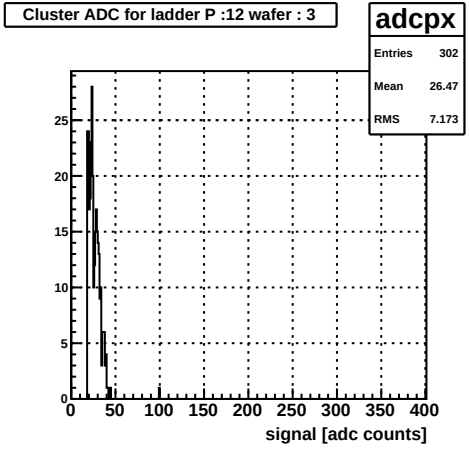

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1602
Mean 30.18
RMS 11.91
signal [adc counts]

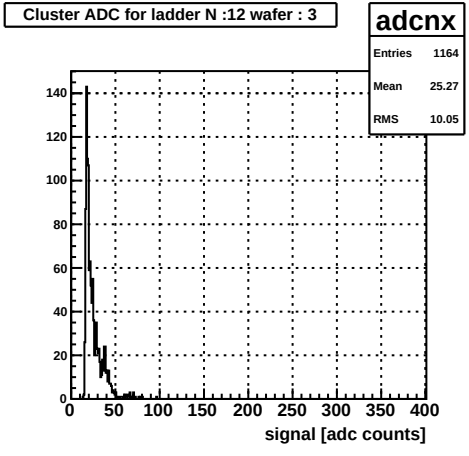

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 512
Mean 51.25
RMS 38.91
signal [adc counts]

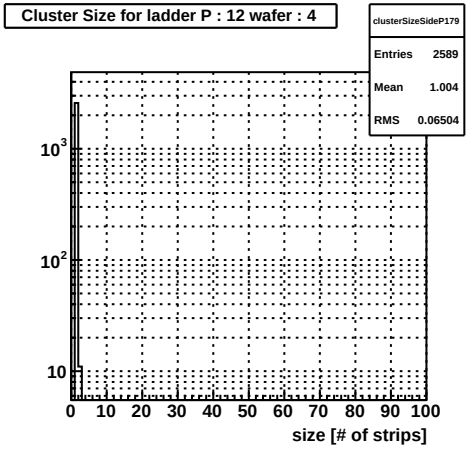

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 302
Mean 1.003
RMS 0.05745
size [# of strips]

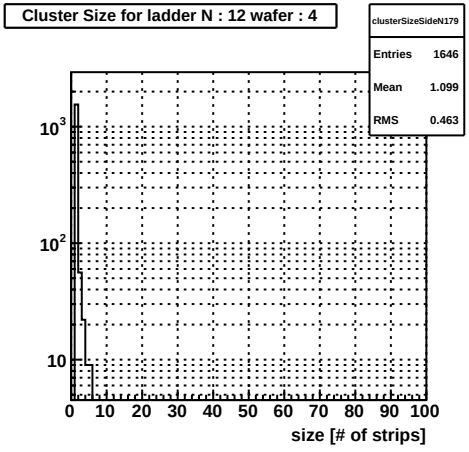

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1164
Mean 1.061
RMS 0.2941
size [# of strips]

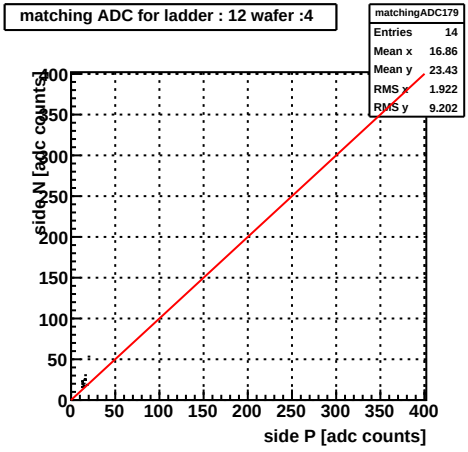

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 8
Mean x 27.25
Mean y 28.5
RMS x 18.56
RMS y 17.43
side N [adc counts]
side P [adc counts]

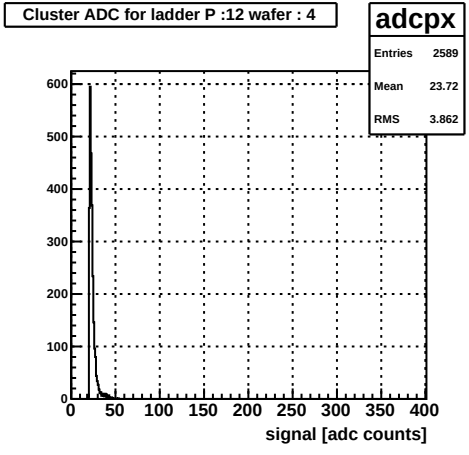

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 302
Mean 26.47
RMS 7.173
signal [adc counts]

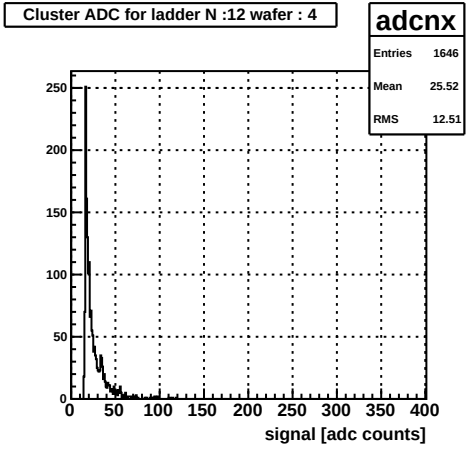

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1164
Mean 25.27
RMS 10.05
signal [adc counts]

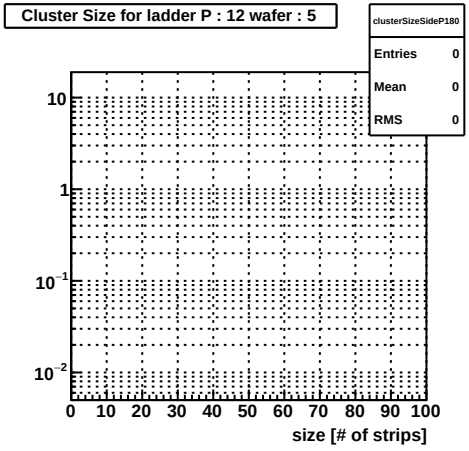

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2589
Mean 1.004
RMS 0.06504
size [# of strips]

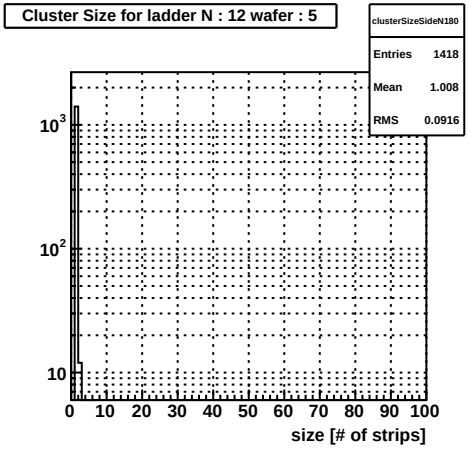

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1646
Mean 1.099
RMS 0.463
size [# of strips]

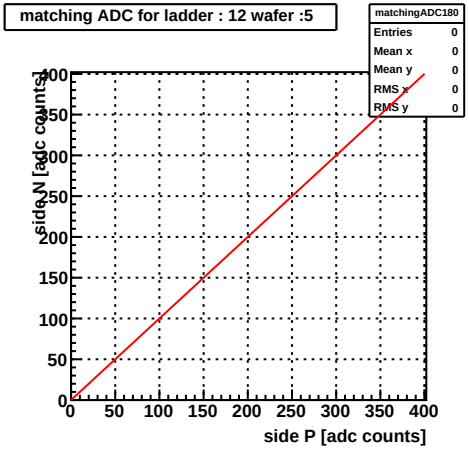

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 14
Mean x 16.86
Mean y 23.43
RMS x 1.922
RMS y 9.202
side N [adc counts]
side P [adc counts]

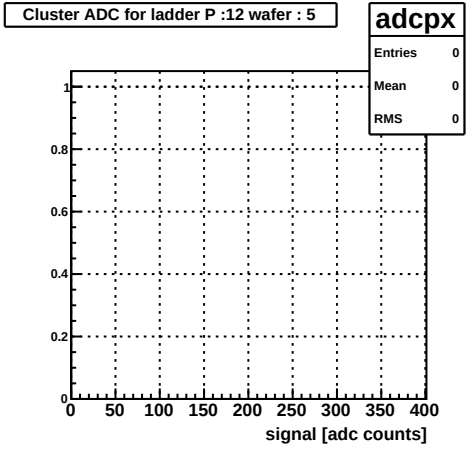

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2589
Mean 23.72
RMS 3.862
signal [adc counts]

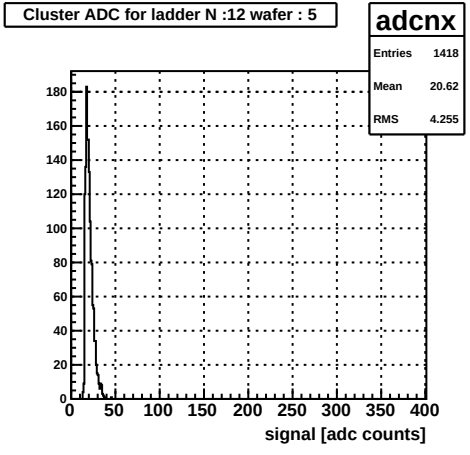

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1646
Mean 25.52
RMS 12.51
signal [adc counts]

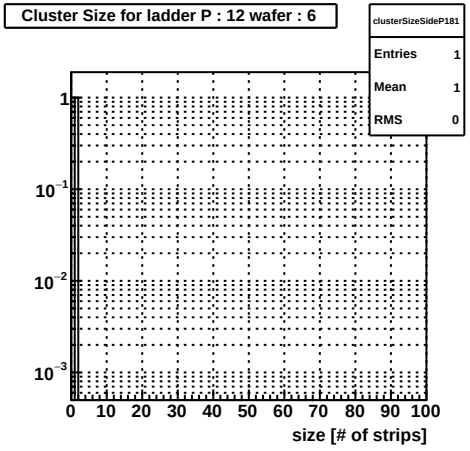

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 0
Mean 0
RMS 0
size [# of strips]

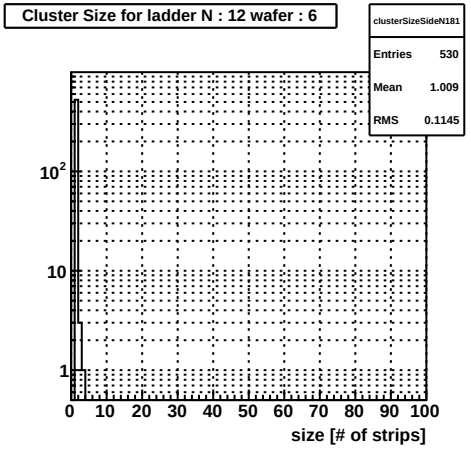

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1418
Mean 1.008
RMS 0.0916
size [# of strips]

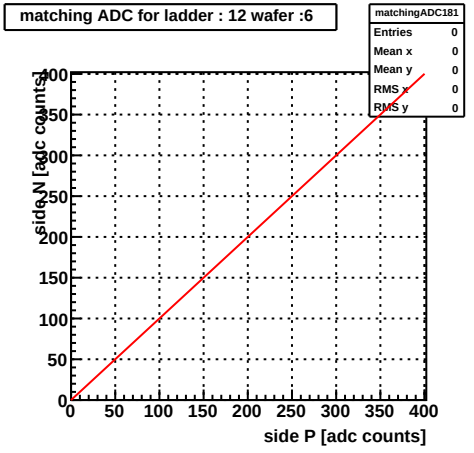

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

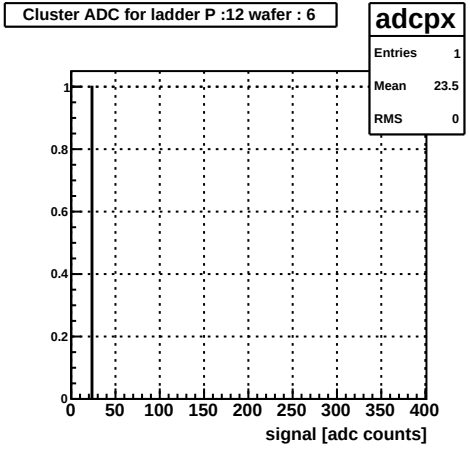

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

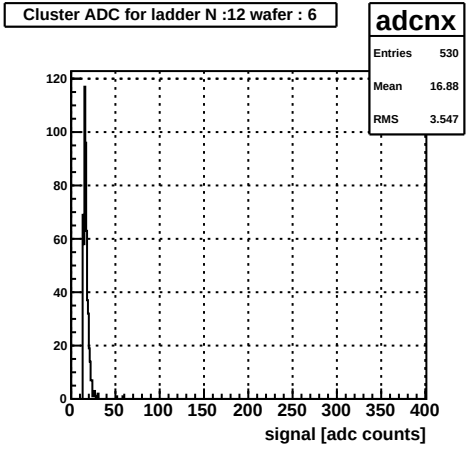

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1418
Mean 20.62
RMS 4.255
signal [adc counts]

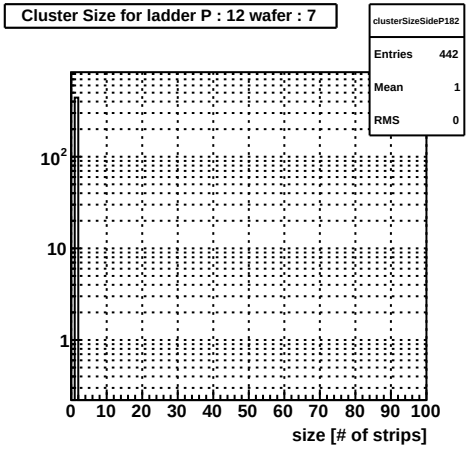

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1
Mean 1
RMS 0
size [# of strips]

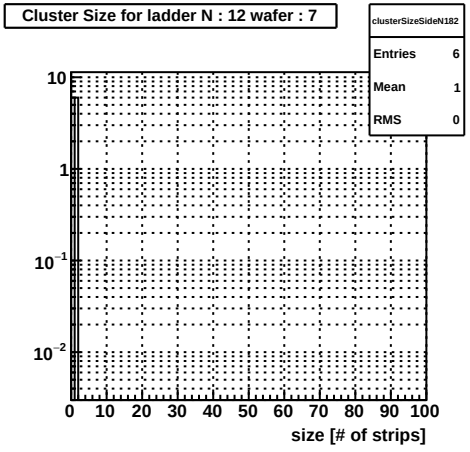

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 530
Mean 1.009
RMS 0.1145
size [# of strips]

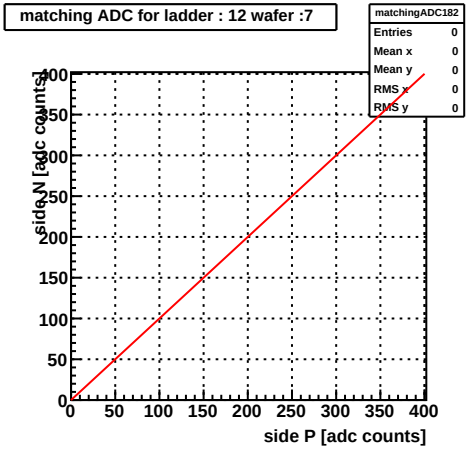

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

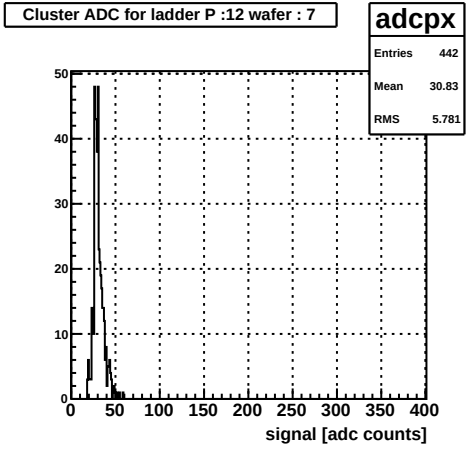

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1
Mean 23.5
RMS 0
signal [adc counts]

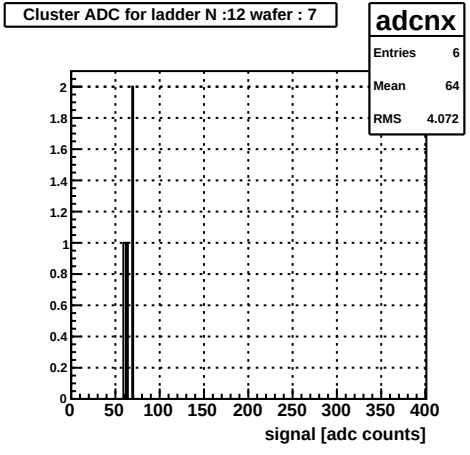

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 530
Mean 16.88
RMS 3.547
signal [adc counts]

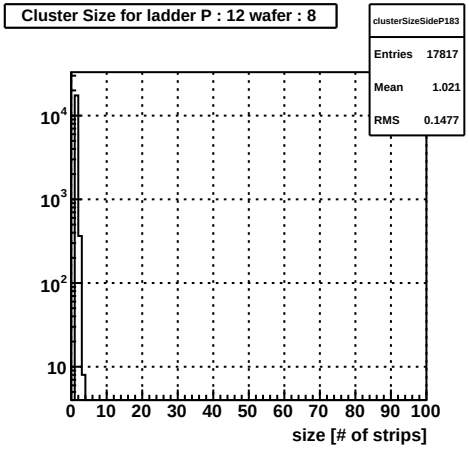

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 442
Mean 1
RMS 0
size [# of strips]

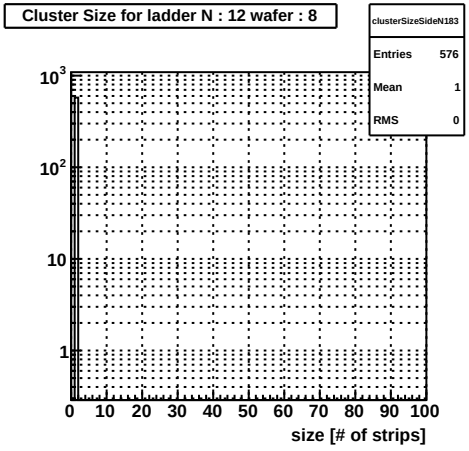

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 6
Mean 1
RMS 0
size [# of strips]

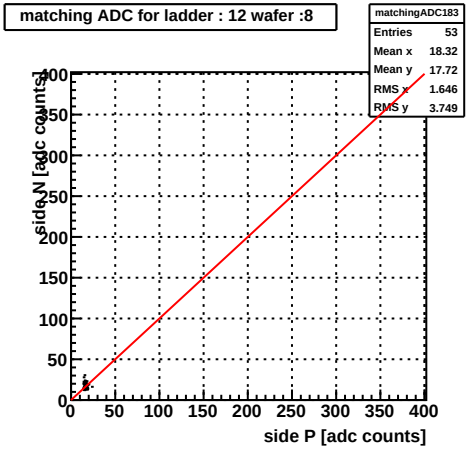

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

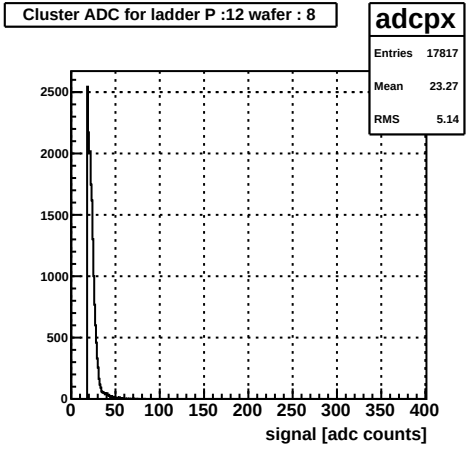

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 442
Mean 30.83
RMS 5.781
signal [adc counts]

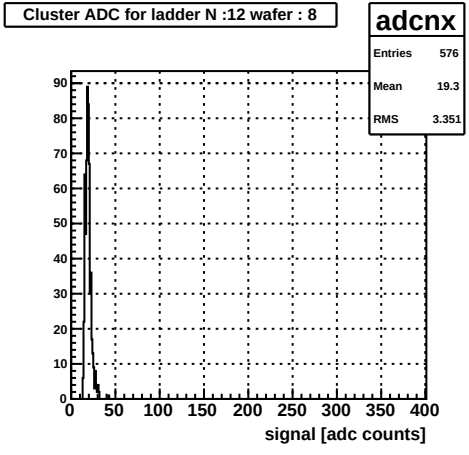

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 6
Mean 64
RMS 4.072
signal [adc counts]

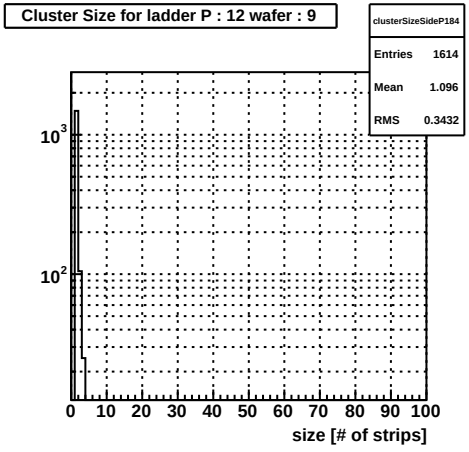

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 17817
Mean 1.021
RMS 0.1477
size [# of strips]

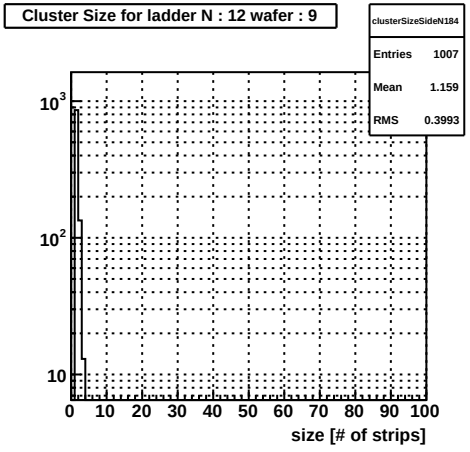

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 576
Mean 1
RMS 0
size [# of strips]

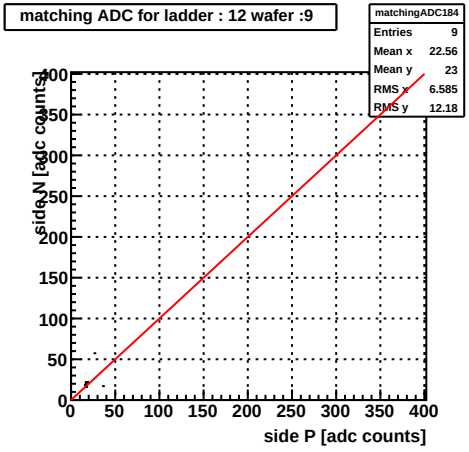

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 53
Mean x 18.32
Mean y 17.72
RMS x 1.646
RMS y 3.749
side N [adc counts]
side P [adc counts]

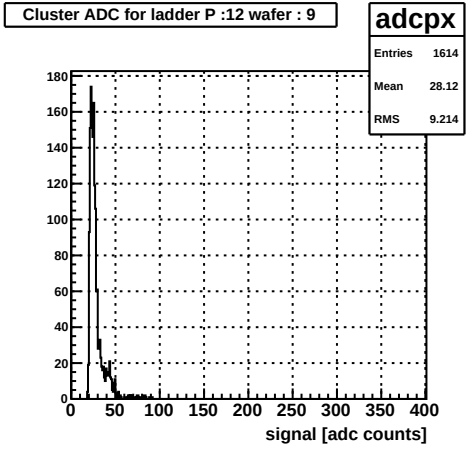

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 17817
Mean 23.27
RMS 5.14
signal [adc counts]

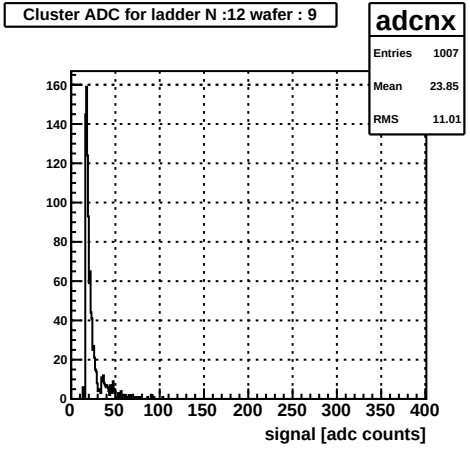

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 576
Mean 19.3
RMS 3.351
signal [adc counts]

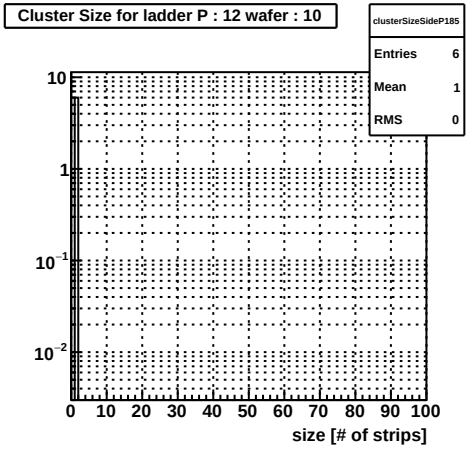

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 1614
Mean 1.096
RMS 0.3432
size [# of strips]

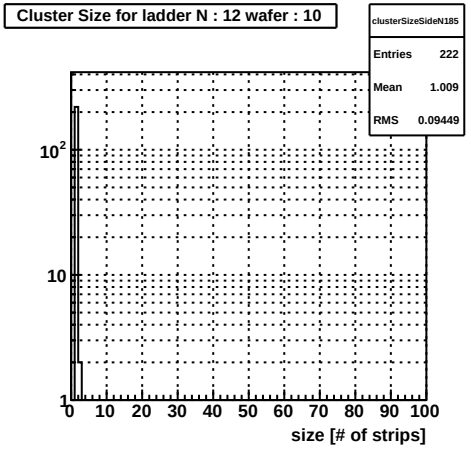

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1007
Mean 1.159
RMS 0.3993
size [# of strips]

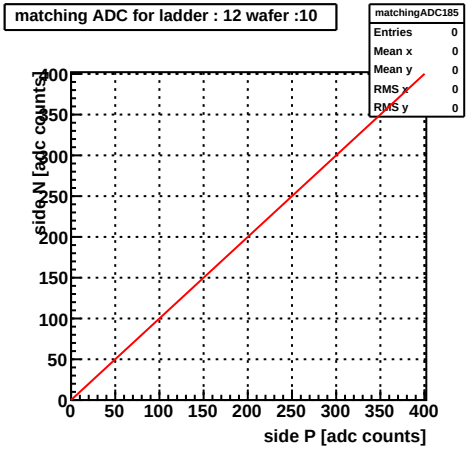

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 9
Mean x 22.56
Mean y 23
RMS x 6.585
RMS y 12.18
side N [adc counts]
side P [adc counts]

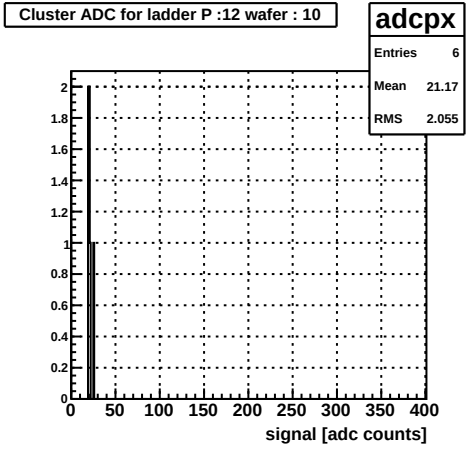

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 1614
Mean 28.12
RMS 9.214
signal [adc counts]

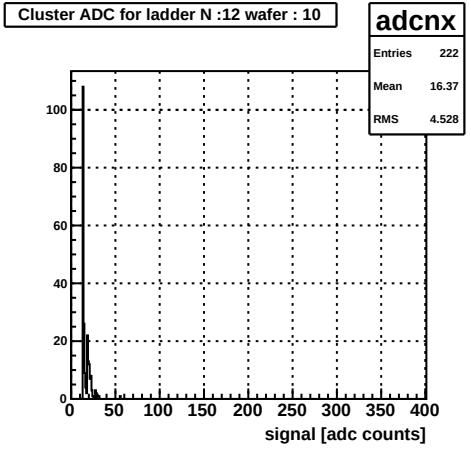

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1007
Mean 23.85
RMS 11.01
signal [adc counts]

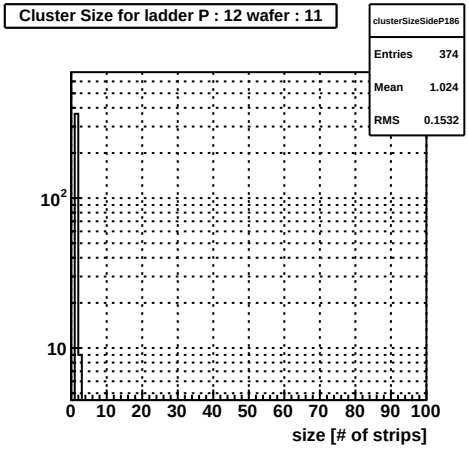

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 6
Mean 1
RMS 0
size [# of strips]

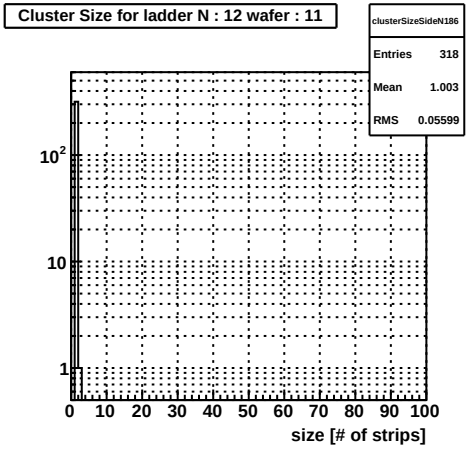

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 222
Mean 1.009
RMS 0.09449
size [# of strips]

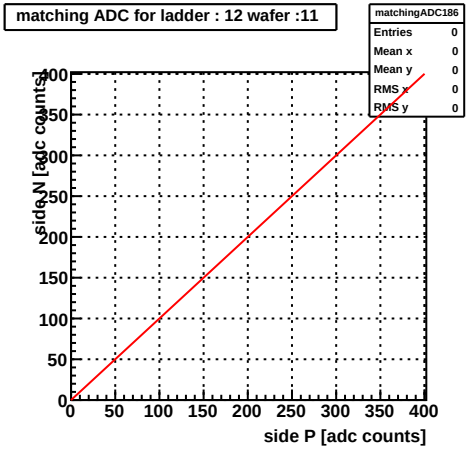

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

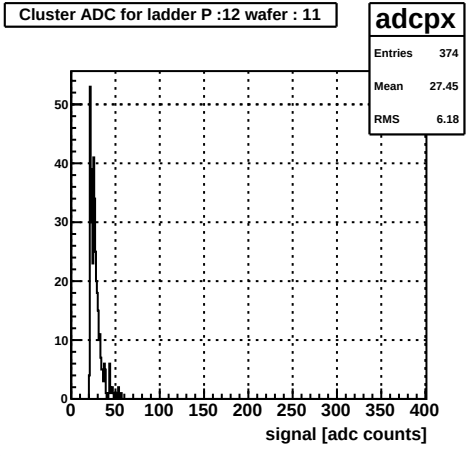

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 6
Mean 21.17
RMS 2.055
signal [adc counts]

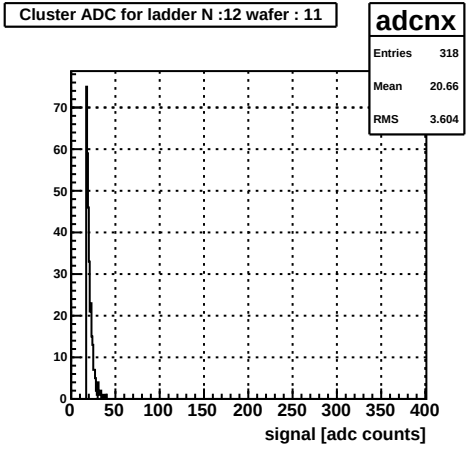

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 222
Mean 16.37
RMS 4.528
signal [adc counts]

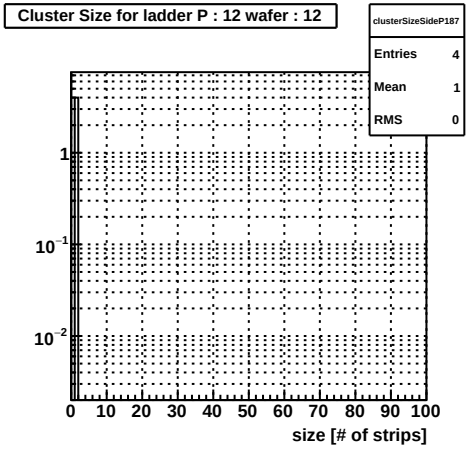

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 374
Mean 1.024
RMS 0.1532
size [# of strips]

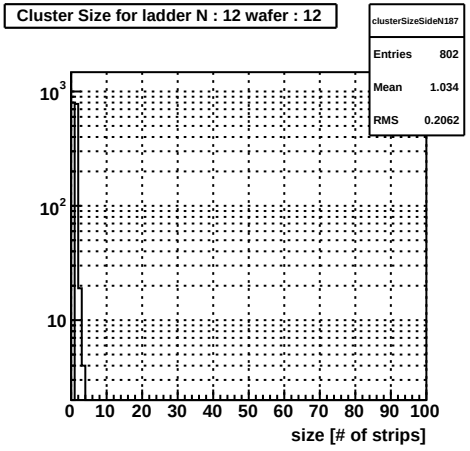

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 318
Mean 1.003
RMS 0.05599
size [# of strips]

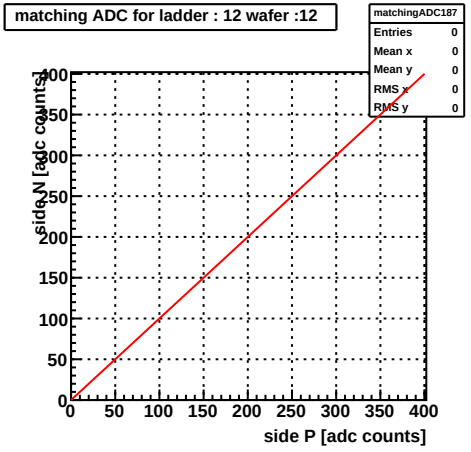

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

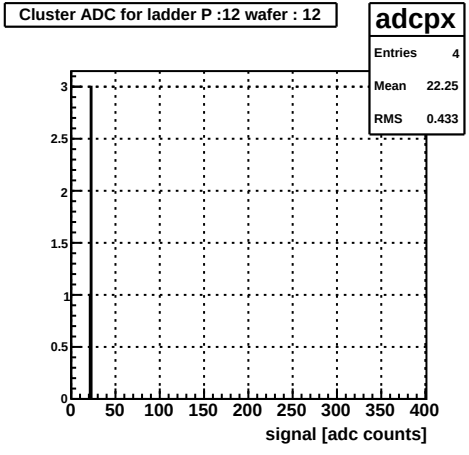

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 374
Mean 27.45
RMS 6.18
signal [adc counts]

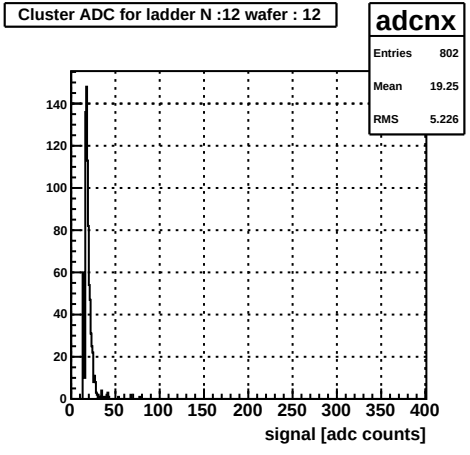

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 318
Mean 20.66
RMS 3.604
signal [adc counts]

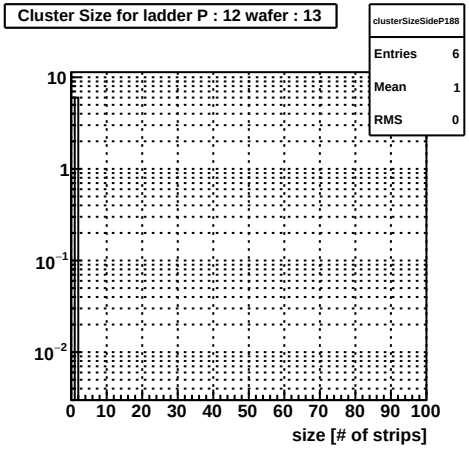

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4
Mean 1
RMS 0
size [# of strips]

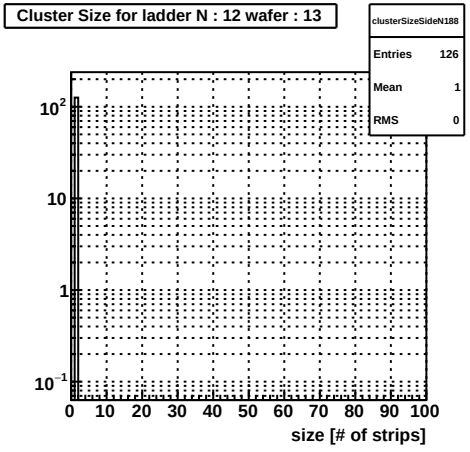

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 802
Mean 1.034
RMS 0.2062
size [# of strips]

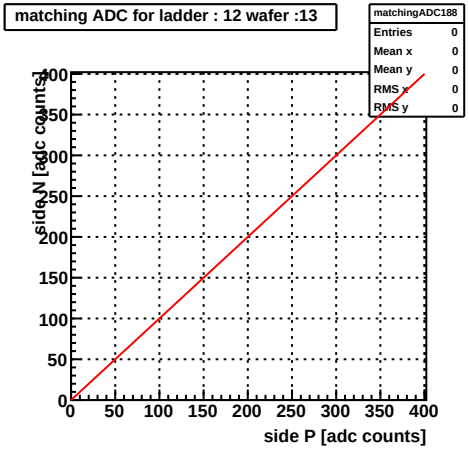

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

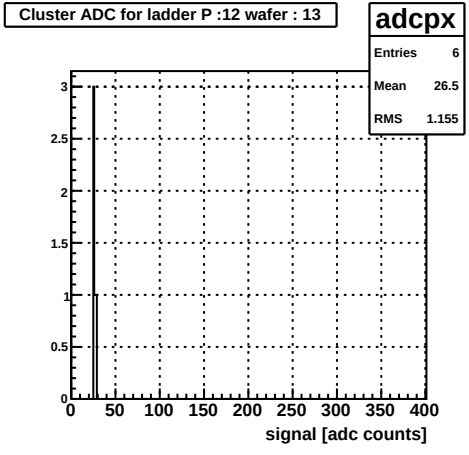

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4
Mean 22.25
RMS 0.433
signal [adc counts]

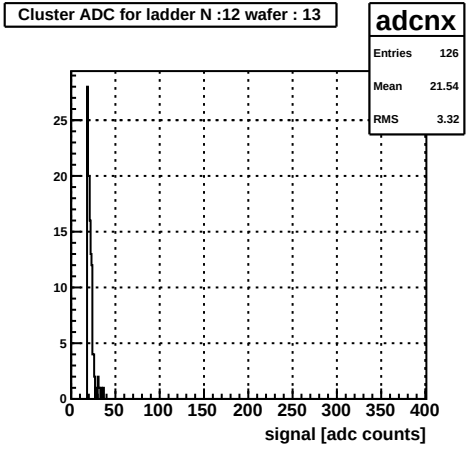

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 802
Mean 19.25
RMS 5.226
signal [adc counts]

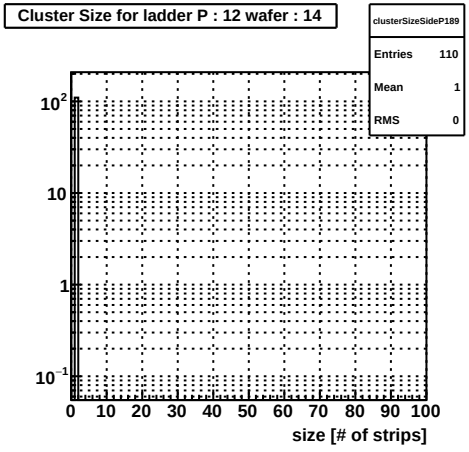

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 6
Mean 1
RMS 0
size [# of strips]

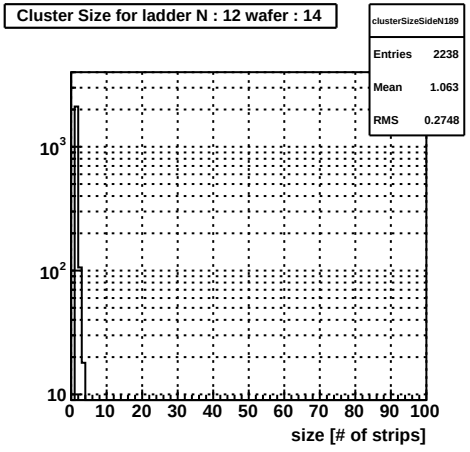

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 126
Mean 1
RMS 0
size [# of strips]

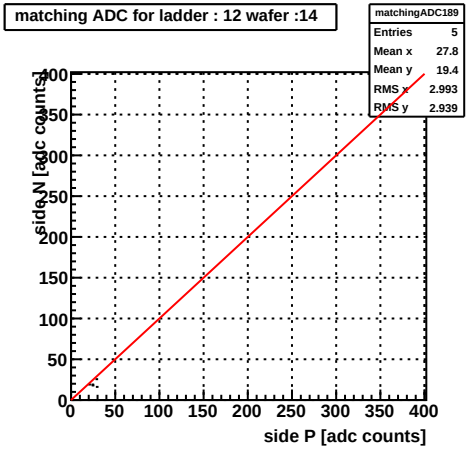

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

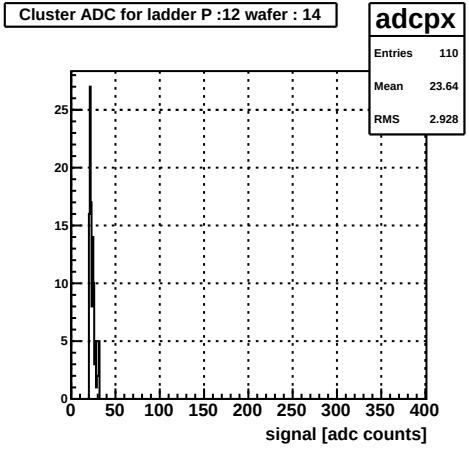

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 6
Mean 26.5
RMS 1.155
signal [adc counts]

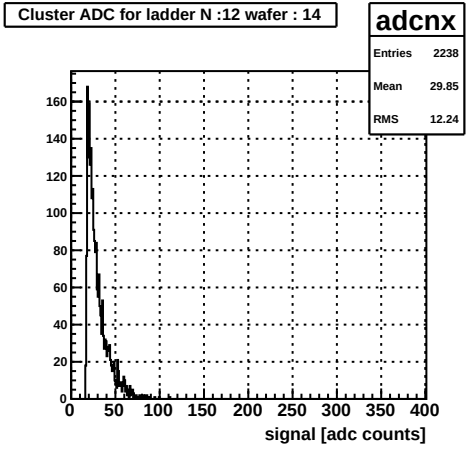

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 126
Mean 21.54
RMS 3.32
signal [adc counts]

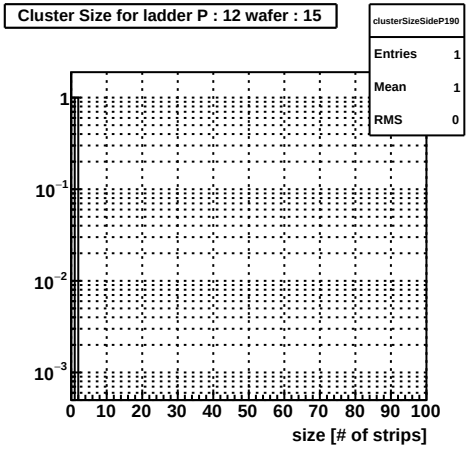

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 110
Mean 1
RMS 0
size [# of strips]

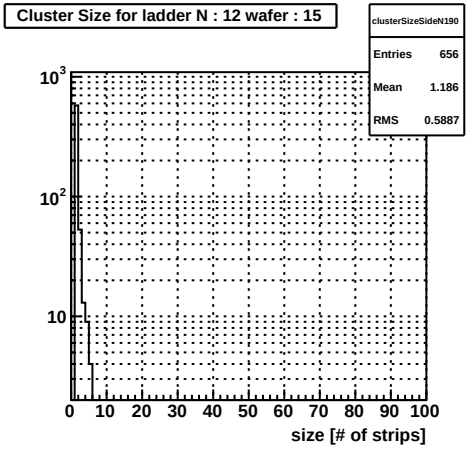

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2238
Mean 1.063
RMS 0.2748
size [# of strips]

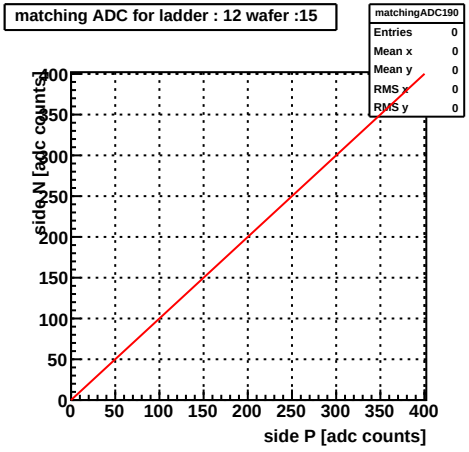

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 5
Mean x 27.8
Mean y 19.4
RMS x 2.993
RMS y 2.939
side N [adc counts]
side P [adc counts]

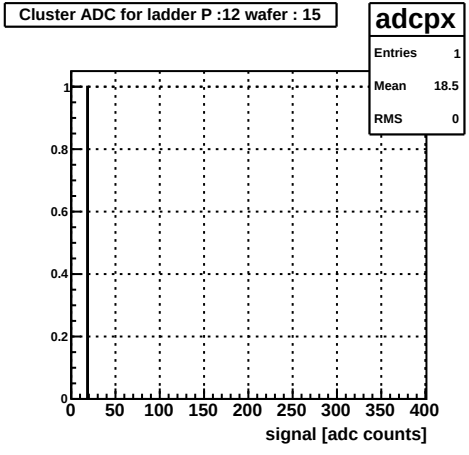

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 110
Mean 23.64
RMS 2.928
signal [adc counts]

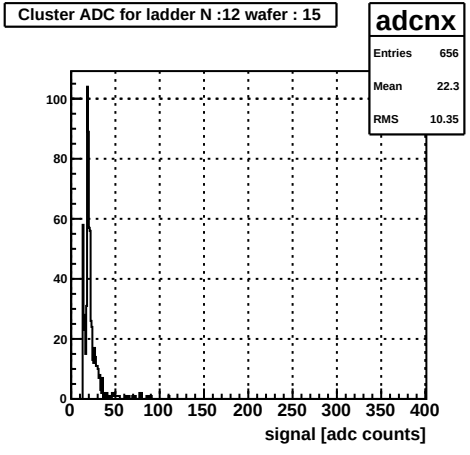

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2238
Mean 29.85
RMS 12.24
signal [adc counts]

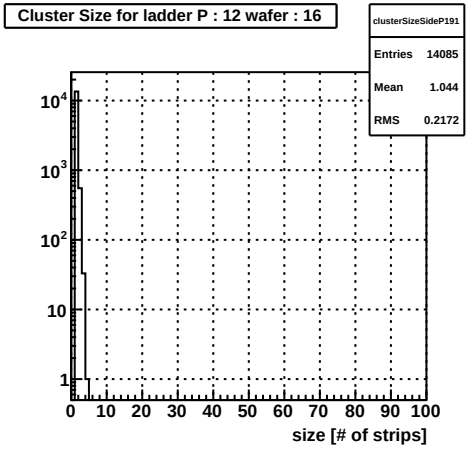

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1
Mean 1
RMS 0
size [# of strips]

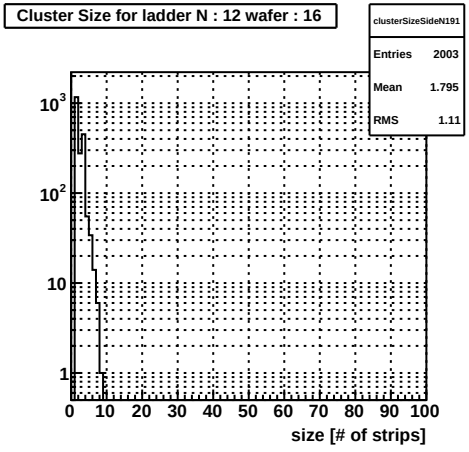

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 656
Mean 1.186
RMS 0.5887
size [# of strips]

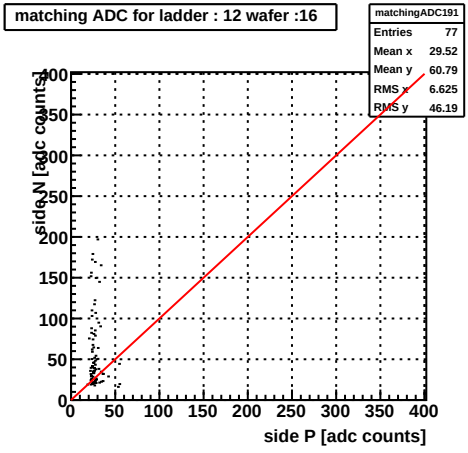

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

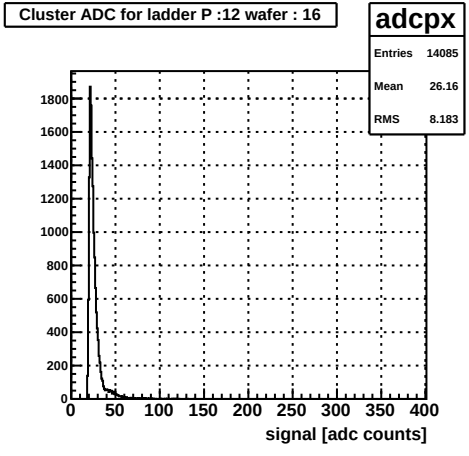

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

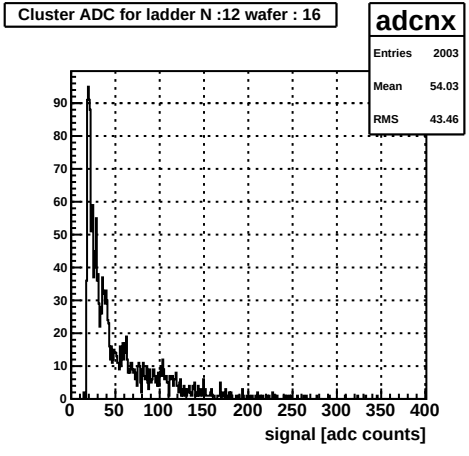

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 656
Mean 22.3
RMS 10.35
signal [adc counts]

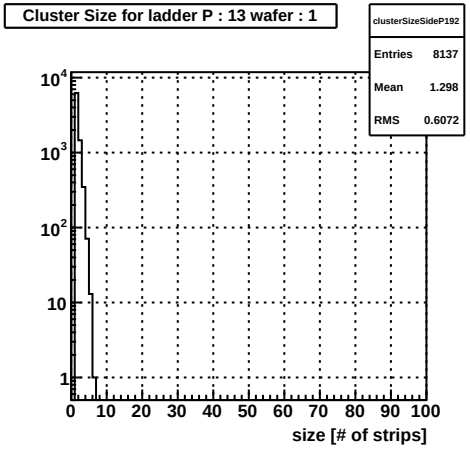

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 14085
Mean 1.044
RMS 0.2172
size [# of strips]

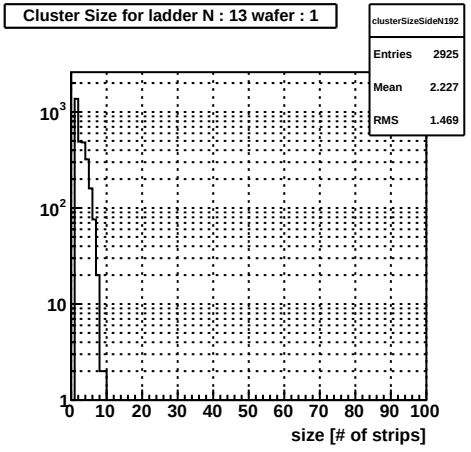

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2003
Mean 1.795
RMS 1.11
size [# of strips]

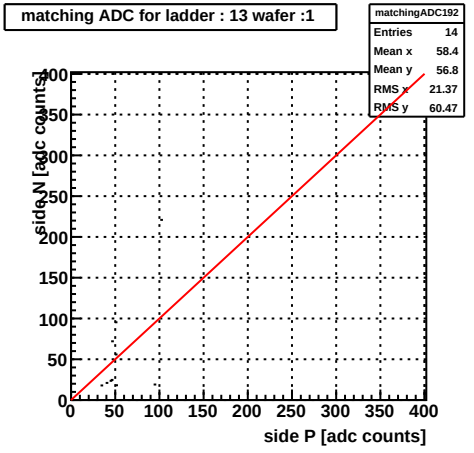

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 77
Mean x 29.52
Mean y 60.79
RMS x 6.625
RMS y 46.19
side N [adc counts]
side P [adc counts]

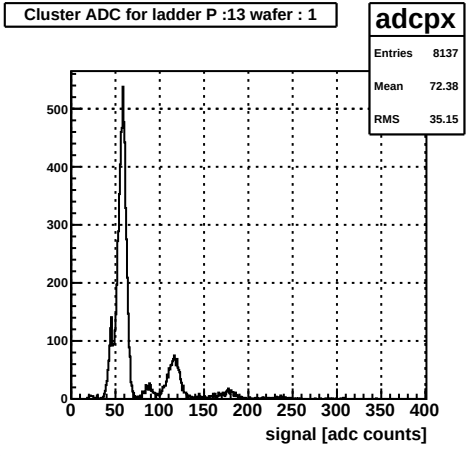

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 14085
Mean 26.16
RMS 8.183
signal [adc counts]

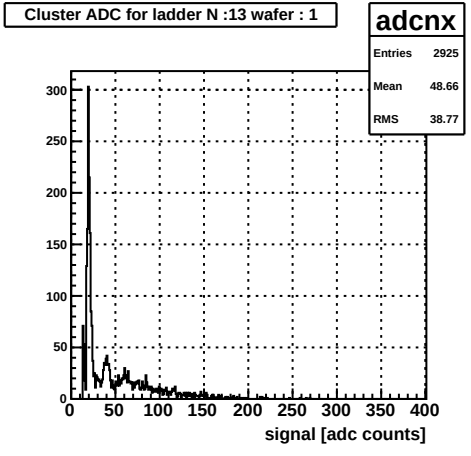

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2003
Mean 54.03
RMS 43.46
signal [adc counts]

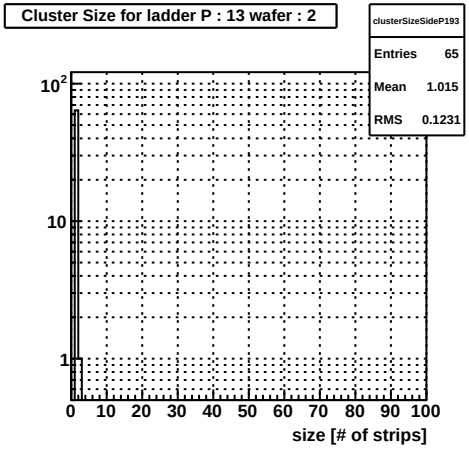

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 8137
Mean 1.298
RMS 0.6072
size [# of strips]

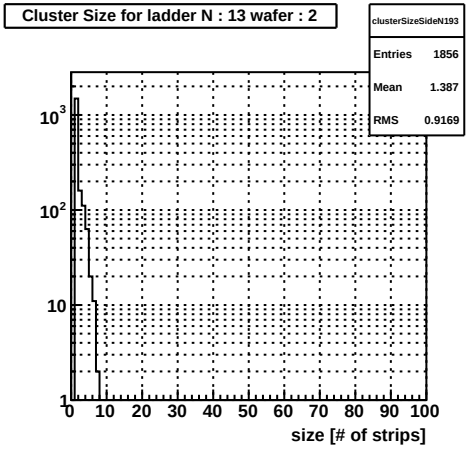

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2925
Mean 2.227
RMS 1.469
size [# of strips]

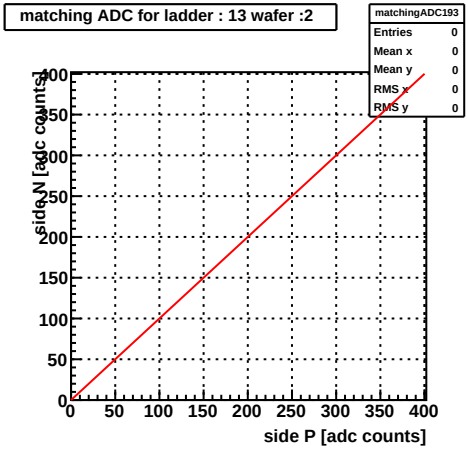

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 14
Mean x 58.4
Mean y 56.8
RMS x 21.37
RMS y 60.47
side N [adc counts]
side P [adc counts]

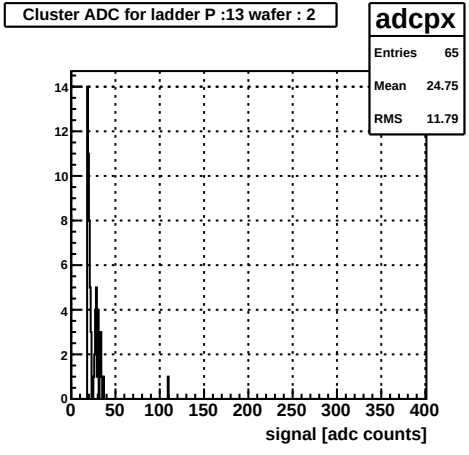

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 8137
Mean 72.38
RMS 35.15
signal [adc counts]

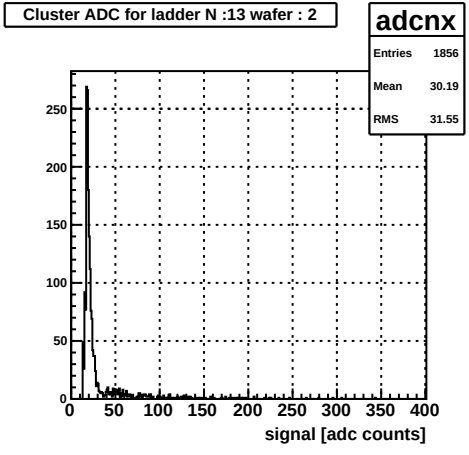

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2925
Mean 48.66
RMS 38.77
signal [adc counts]

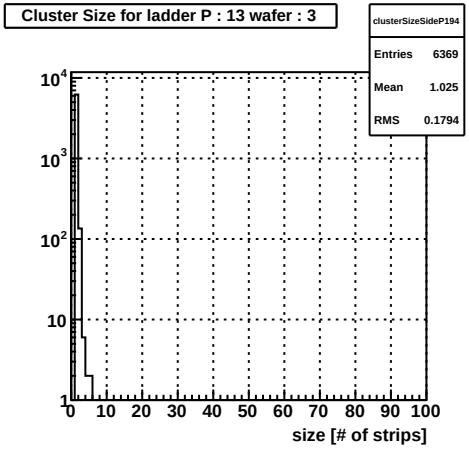

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 65
Mean 1.015
RMS 0.1231
size [# of strips]

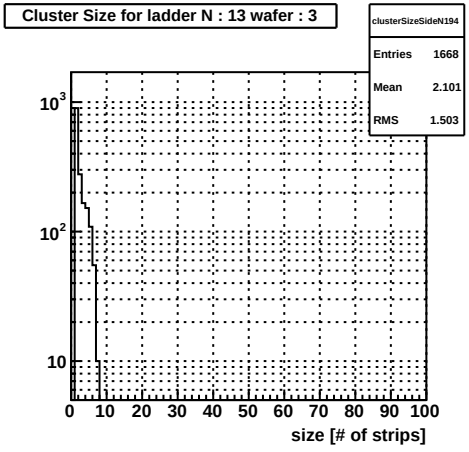

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 1856
Mean 1.387
RMS 0.9169
size [# of strips]

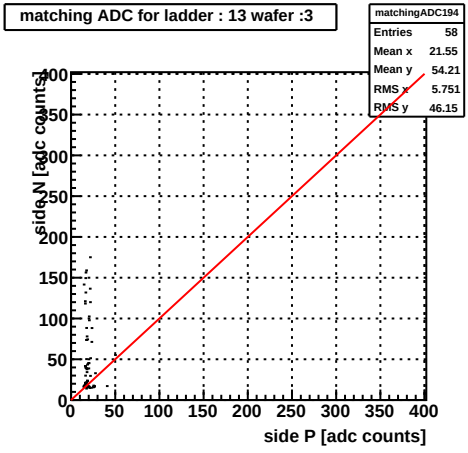

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

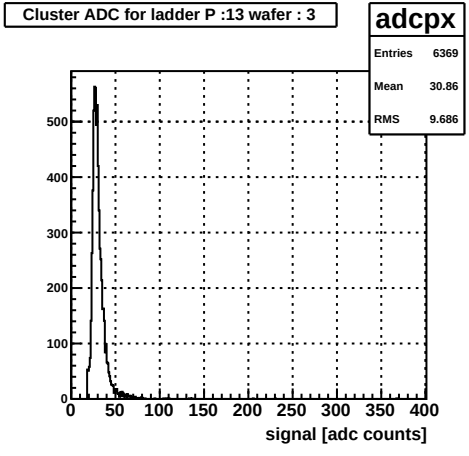

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 65
Mean 24.75
RMS 11.79
signal [adc counts]

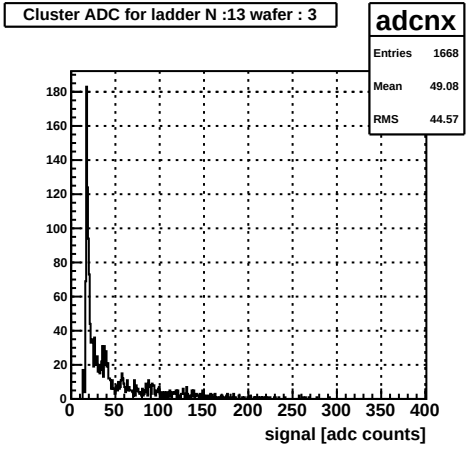

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 1856
Mean 30.19
RMS 31.55
signal [adc counts]

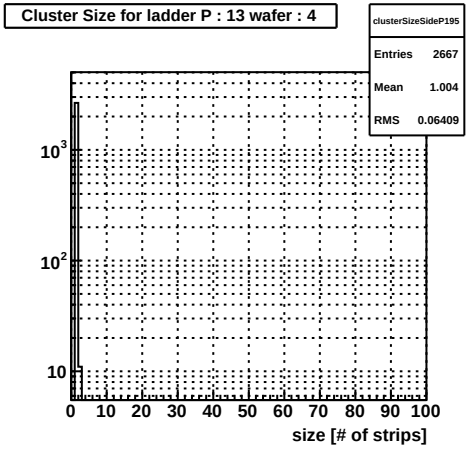

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 6369
Mean 1.025
RMS 0.1794
size [# of strips]

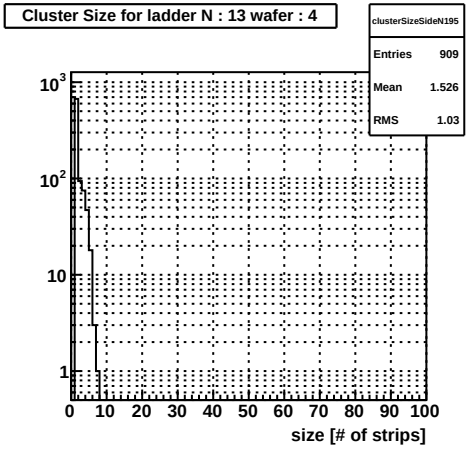

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1668
Mean 2.101
RMS 1.503
size [# of strips]

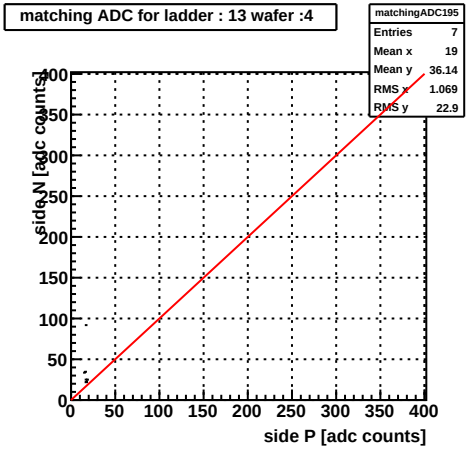

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 58
Mean x 21.55
Mean y 54.21
RMS x 5.751
RMS y 46.15
side N [adc counts]
side P [adc counts]

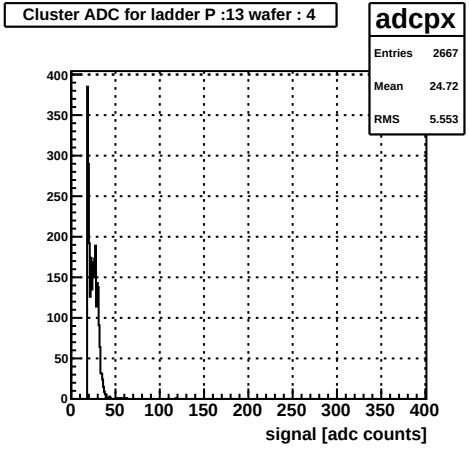

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 6369
Mean 30.86
RMS 9.686
signal [adc counts]

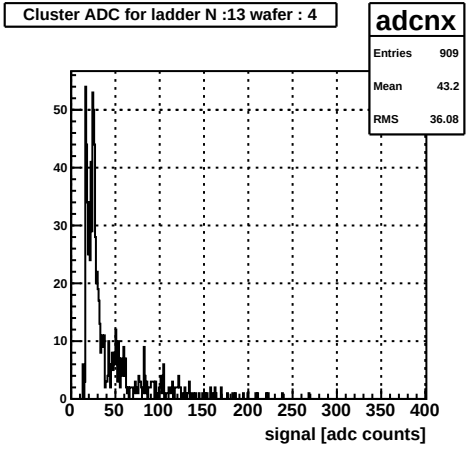

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1668
Mean 49.08
RMS 44.57
signal [adc counts]

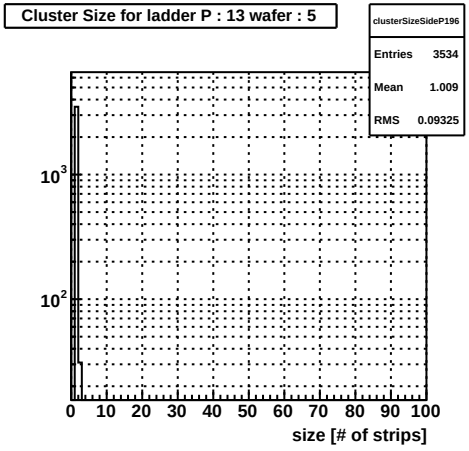

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 2667
Mean 1.004
RMS 0.06409
size [# of strips]

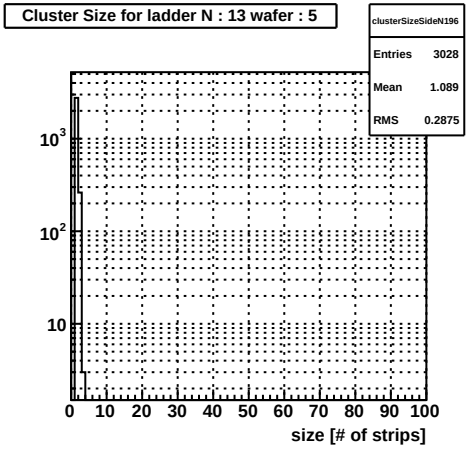

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 909
Mean 1.526
RMS 1.03
size [# of strips]

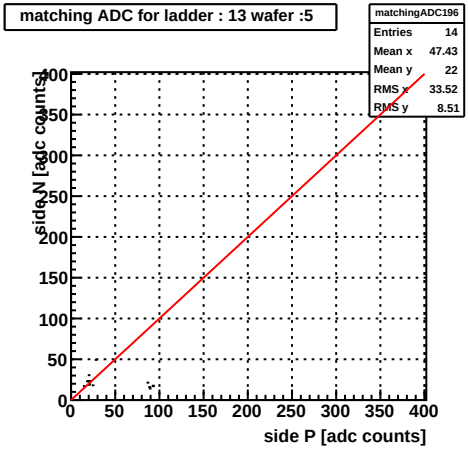

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 7
Mean x 19
Mean y 36.14
RMS x 1.069
RMS y 22.9
side N [adc counts]
side P [adc counts]

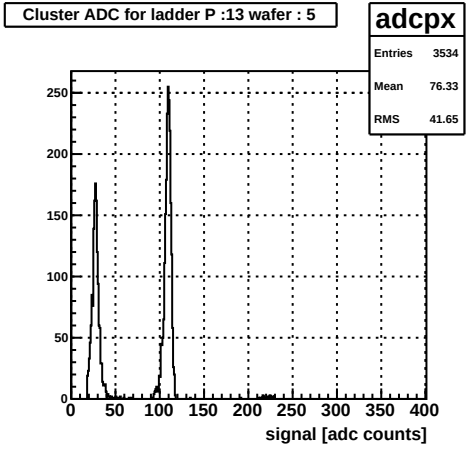

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 2667
Mean 24.72
RMS 5.553
signal [adc counts]

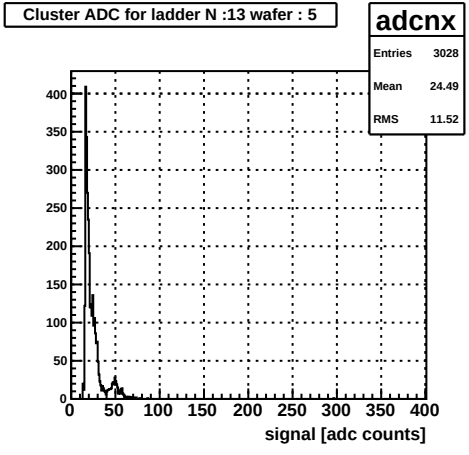

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 909
Mean 43.2
RMS 36.08
signal [adc counts]

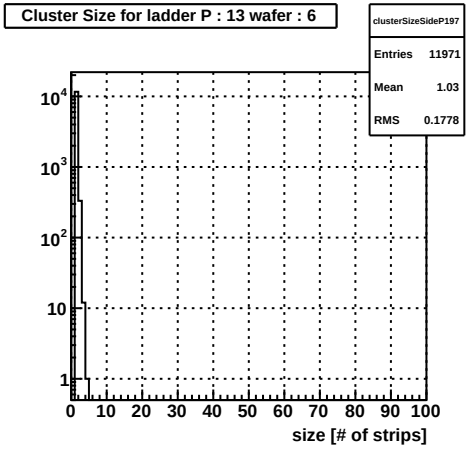

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3534
Mean 1.009
RMS 0.09325
size [# of strips]

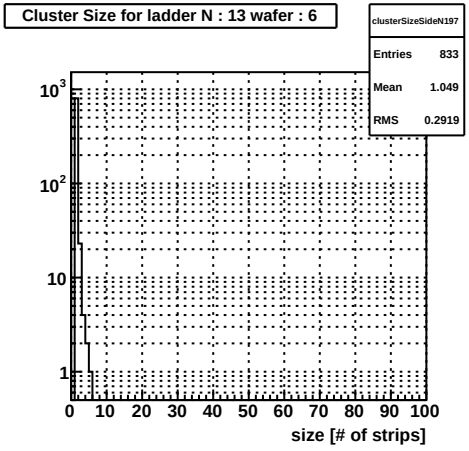

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3028
Mean 1.089
RMS 0.2875
size [# of strips]

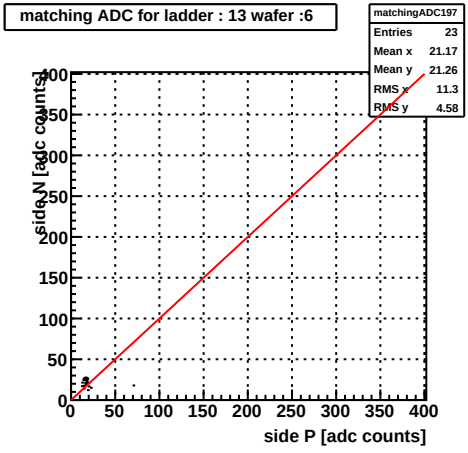

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 14
Mean x 47.43
Mean y 22
RMS x 33.52
RMS y 8.51
side N [adc counts]
side P [adc counts]

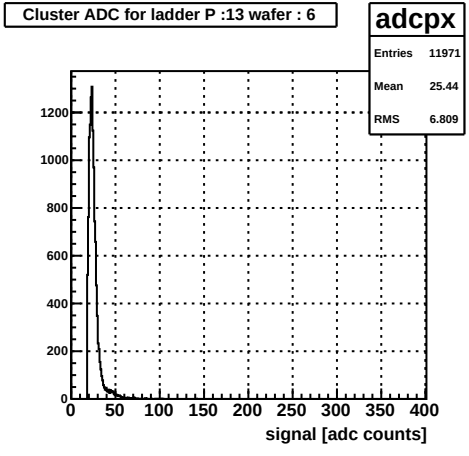

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3534
Mean 76.33
RMS 41.65
signal [adc counts]

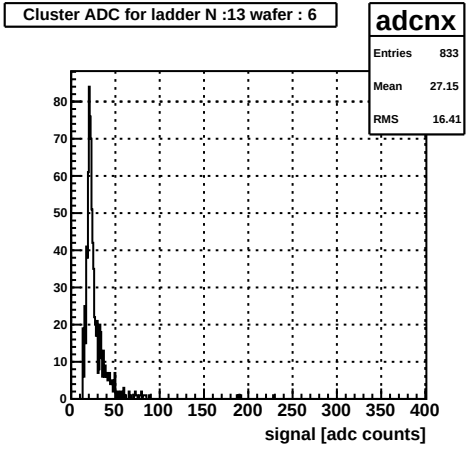

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3028
Mean 24.49
RMS 11.52
signal [adc counts]

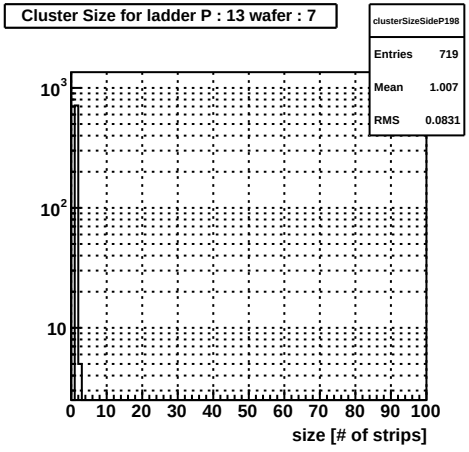

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11971
Mean 1.03
RMS 0.1778
size [# of strips]

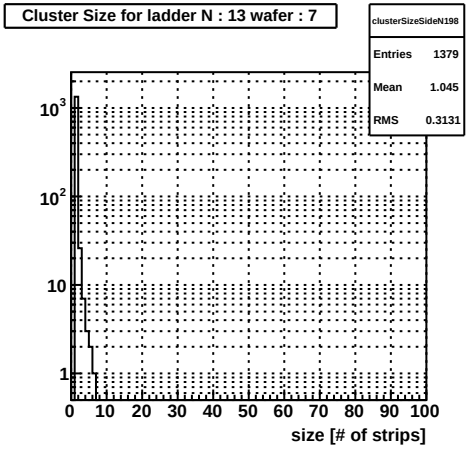

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 833
Mean 1.049
RMS 0.2919
size [# of strips]

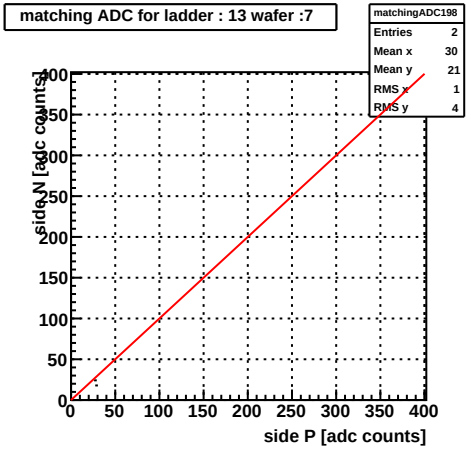

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 23
Mean x 21.17
Mean y 21.26
RMS x 11.3
RMS y 4.58
side N [adc counts]
side P [adc counts]

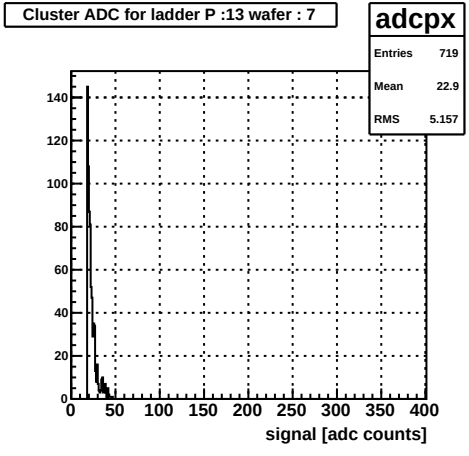

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11971
Mean 25.44
RMS 6.809
signal [adc counts]

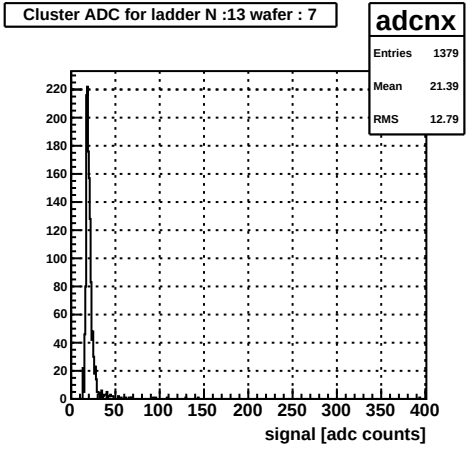

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 833
Mean 27.15
RMS 16.41
signal [adc counts]

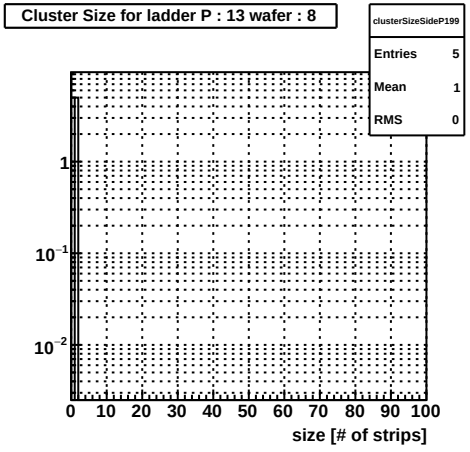

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 719
Mean 1.007
RMS 0.0831
size [# of strips]

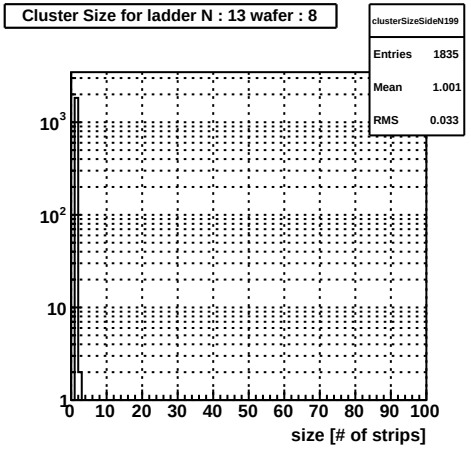

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1379
Mean 1.045
RMS 0.3131
size [# of strips]

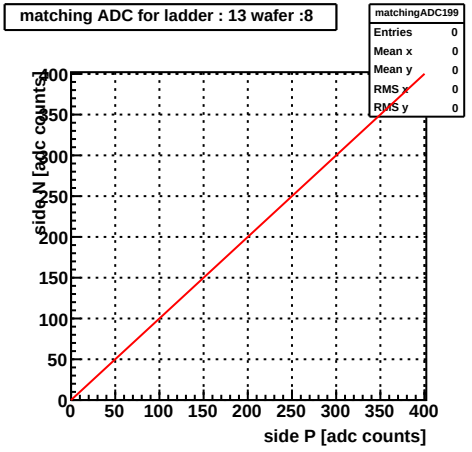

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 2
Mean x 30
Mean y 21
RMS x 1
RMS y 4
side N [adc counts]
side P [adc counts]

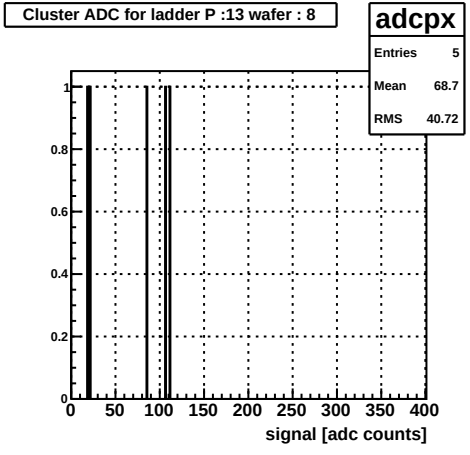

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 719
Mean 22.9
RMS 5.157
signal [adc counts]

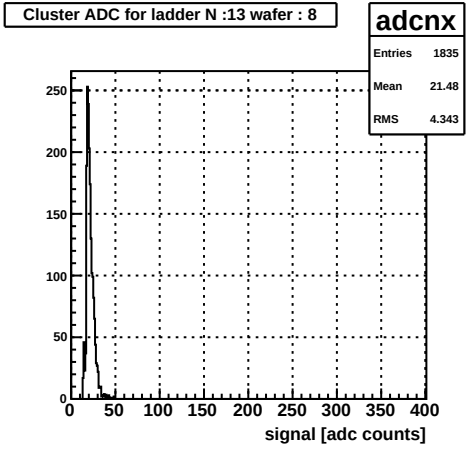

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1379
Mean 21.39
RMS 12.79
signal [adc counts]

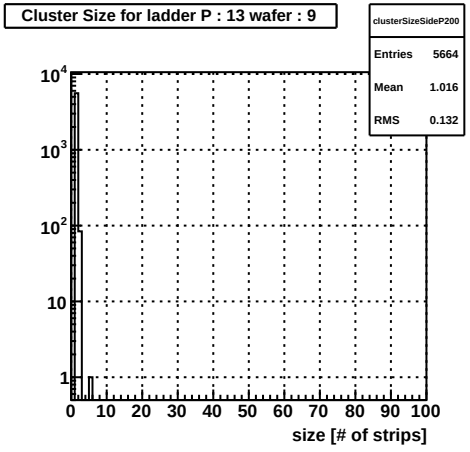

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5
Mean 1
RMS 0
size [# of strips]

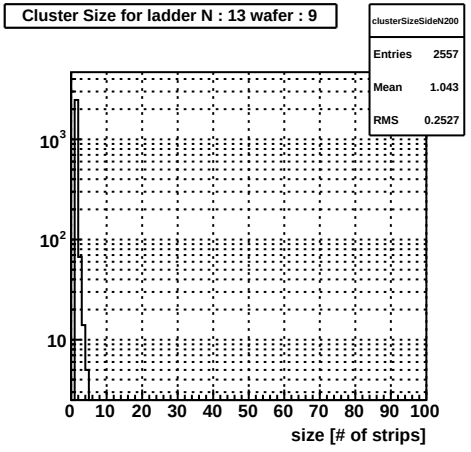

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1835
Mean 1.001
RMS 0.033
size [# of strips]

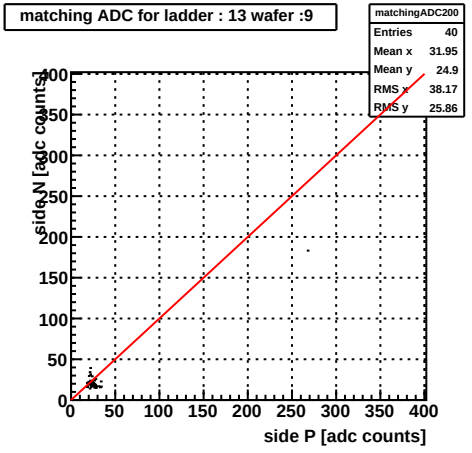

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

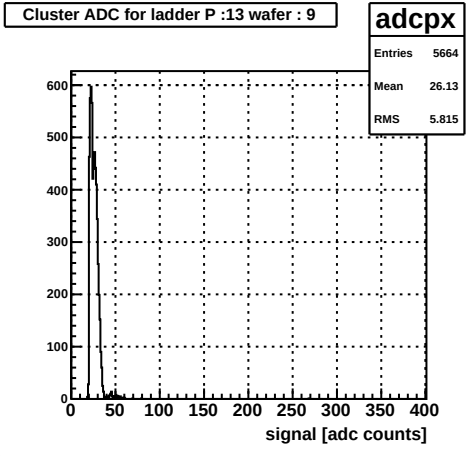

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5
Mean 68.7
RMS 40.72
signal [adc counts]

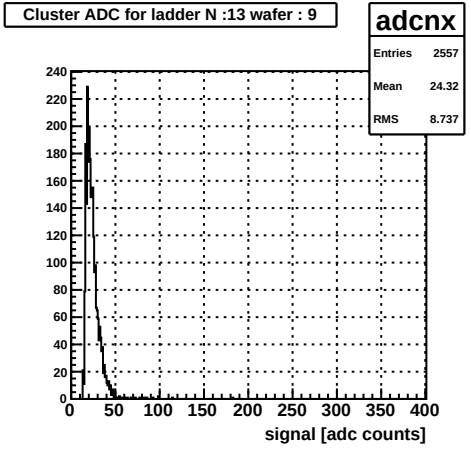

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1835
Mean 21.48
RMS 4.343
signal [adc counts]

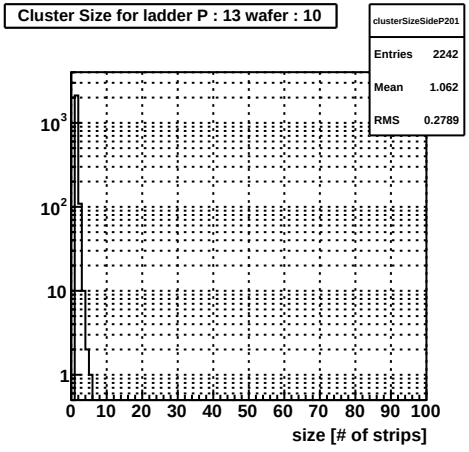

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5664
Mean 1.016
RMS 0.132
size [# of strips]

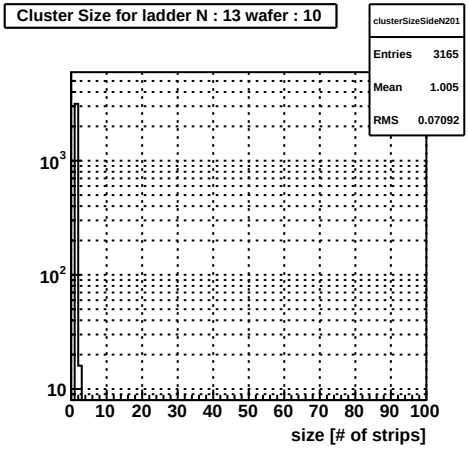

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2557
Mean 1.043
RMS 0.2527
size [# of strips]

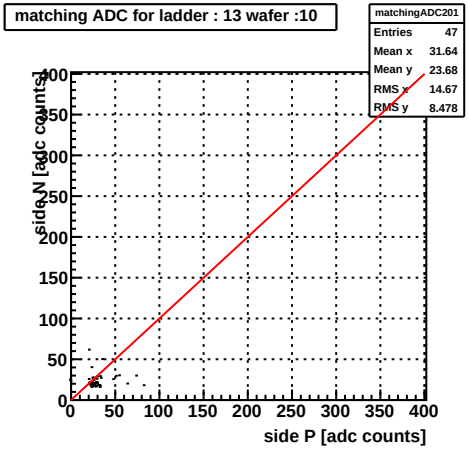

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 40
Mean x 31.95
Mean y 24.9
RMS x 38.17
RMS y 25.86
side N [adc counts]
side P [adc counts]

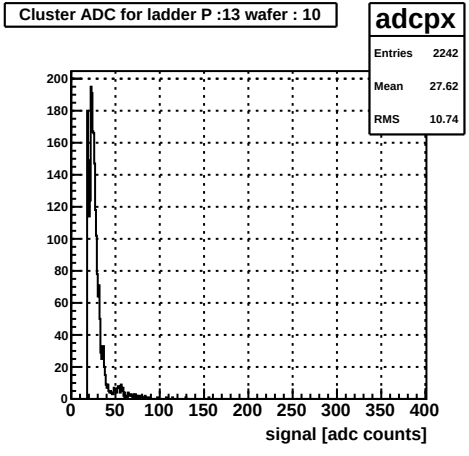

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5664
Mean 26.13
RMS 5.815
signal [adc counts]

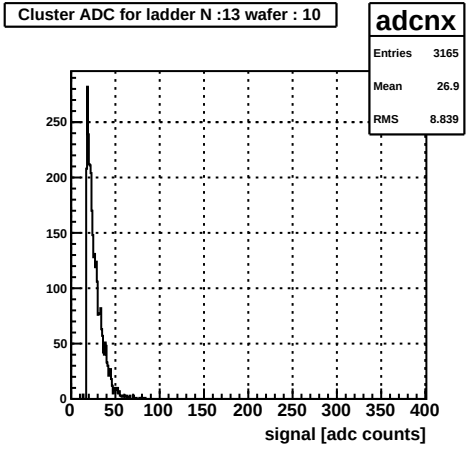

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2557
Mean 24.32
RMS 8.737
signal [adc counts]

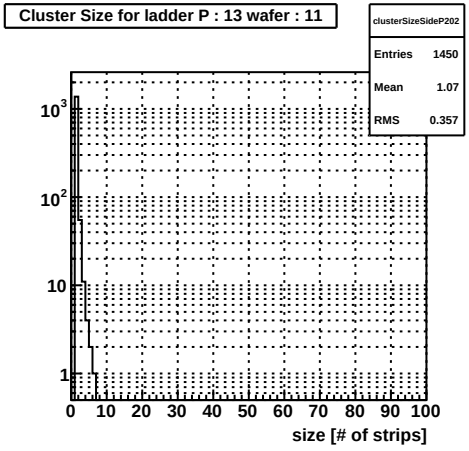

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2242
Mean 1.062
RMS 0.2789
size [# of strips]

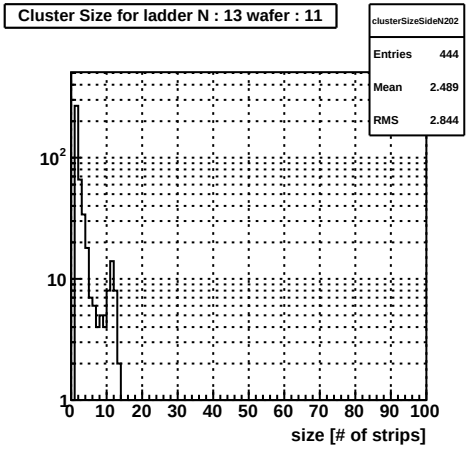

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3165
Mean 1.005
RMS 0.07092
size [# of strips]

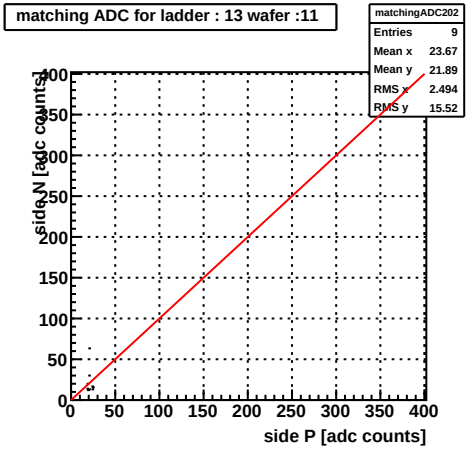

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 47
Mean x 31.64
Mean y 23.68
RMS x 14.67
RMS y 8.478
side N [adc counts]
side P [adc counts]

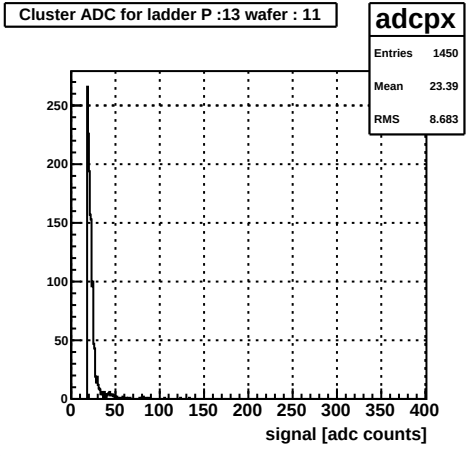

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2242
Mean 27.62
RMS 10.74
signal [adc counts]

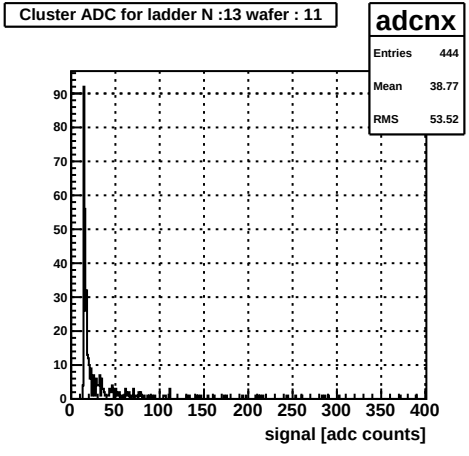

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3165
Mean 26.9
RMS 8.839
signal [adc counts]

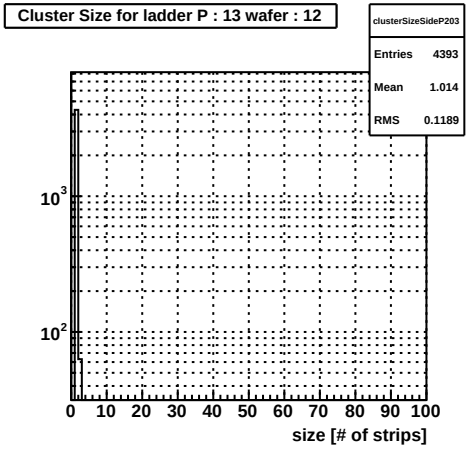

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1450
Mean 1.07
RMS 0.357
size [# of strips]

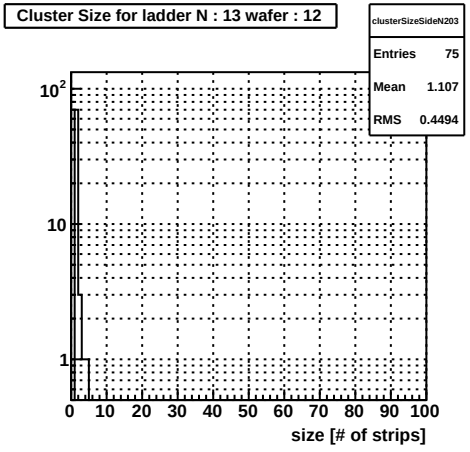

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 444
Mean 2.489
RMS 2.844
size [# of strips]

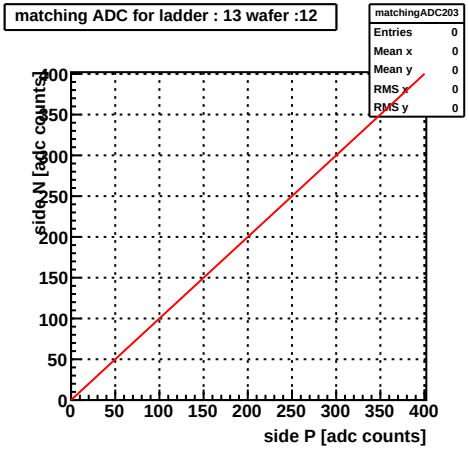

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9
Mean x 23.67
Mean y 21.89
RMS x 2.494
RMS y 15.52
side N [adc counts]
side P [adc counts]

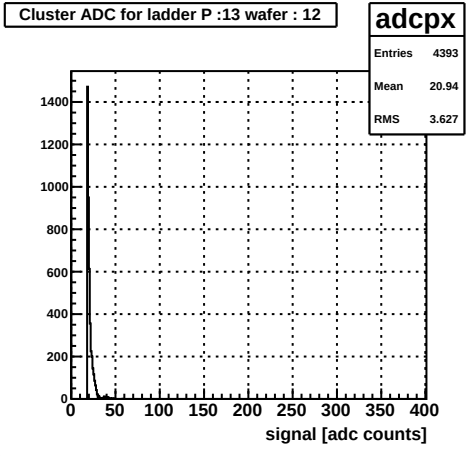

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1450
Mean 23.39
RMS 8.683
signal [adc counts]

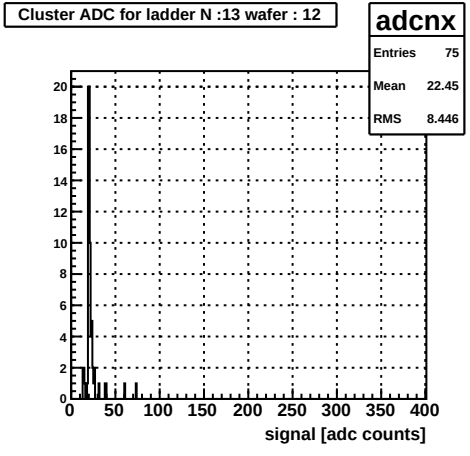

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 444
Mean 38.77
RMS 53.52
signal [adc counts]

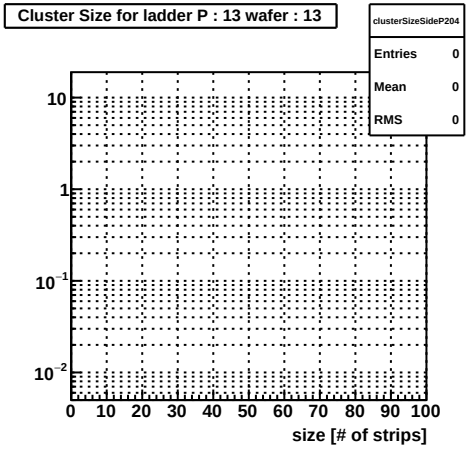

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4393
Mean 1.014
RMS 0.1189
size [# of strips]

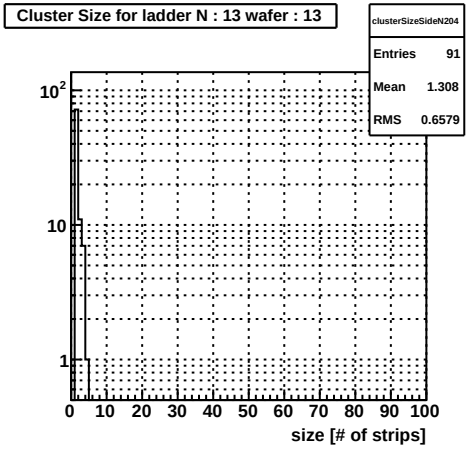

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 75
Mean 1.107
RMS 0.4494
size [# of strips]

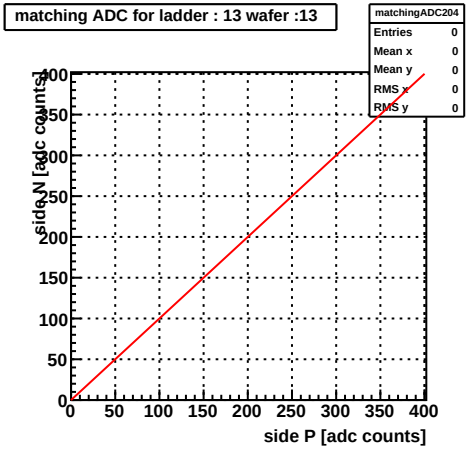

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

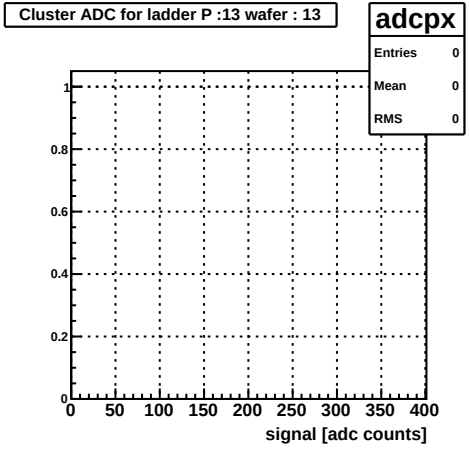

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4393
Mean 20.94
RMS 3.627
signal [adc counts]

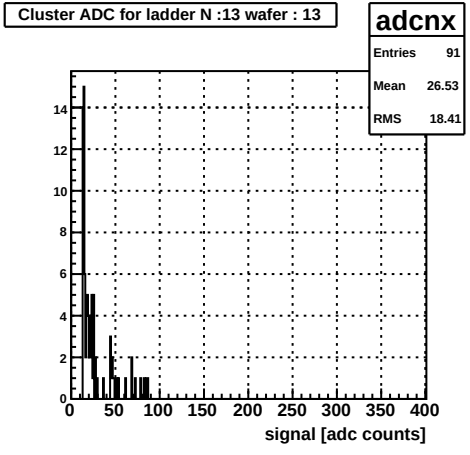

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 75
Mean 22.45
RMS 8.446
signal [adc counts]

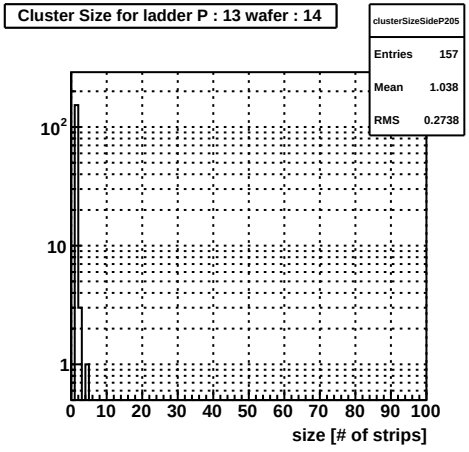

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

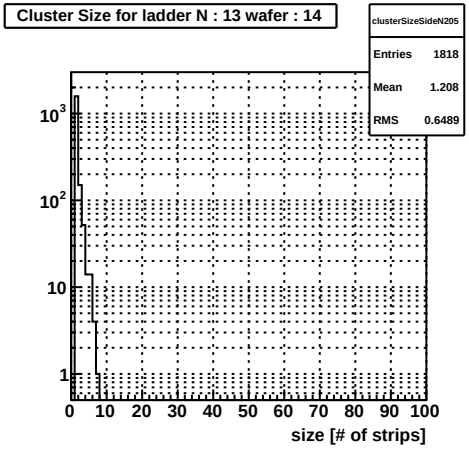

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 91
Mean 1.308
RMS 0.6579
size [# of strips]

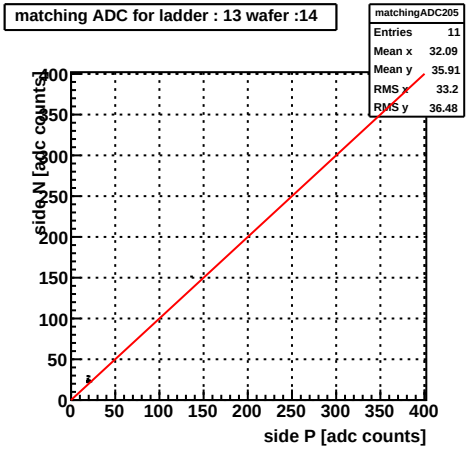

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

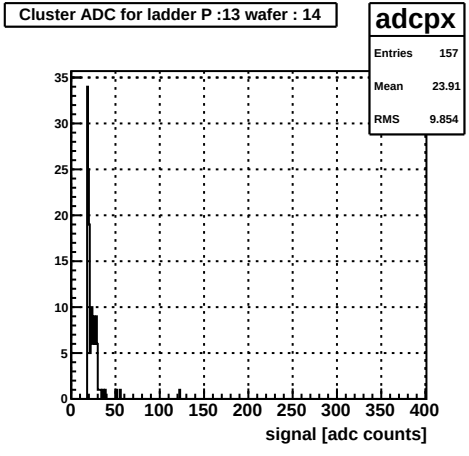

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

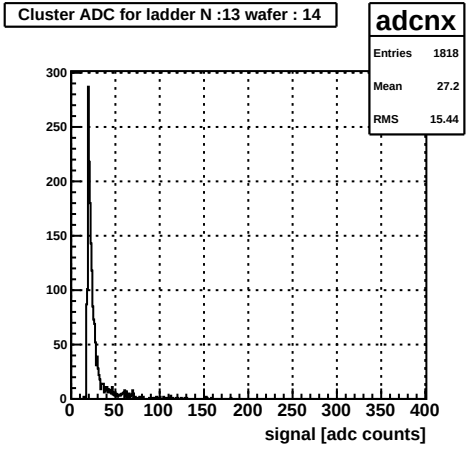

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 91
Mean 26.53
RMS 18.41
signal [adc counts]

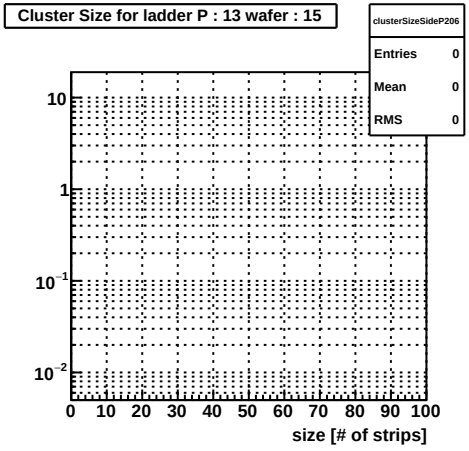

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 157
Mean 1.038
RMS 0.2738
size [# of strips]

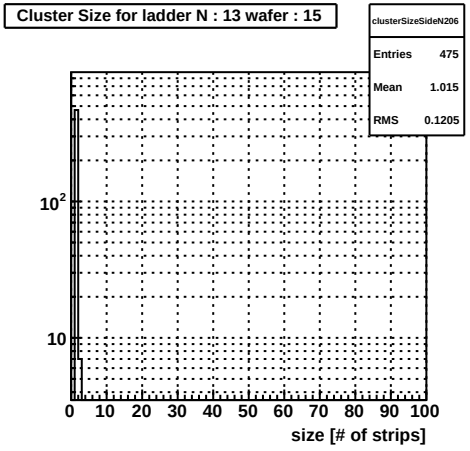

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 1818
Mean 1.208
RMS 0.6489
size [# of strips]

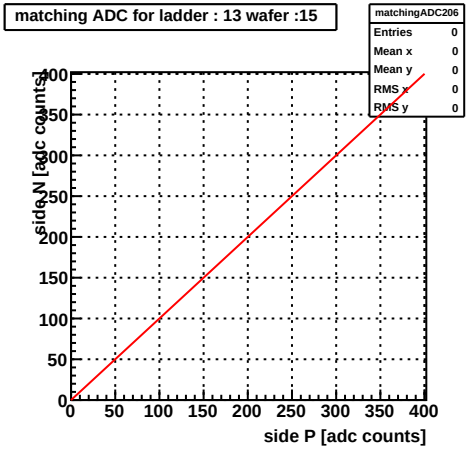

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 11
Mean x 32.09
Mean y 35.91
RMS x 33.2
RMS y 36.48
side N [adc counts]
side P [adc counts]

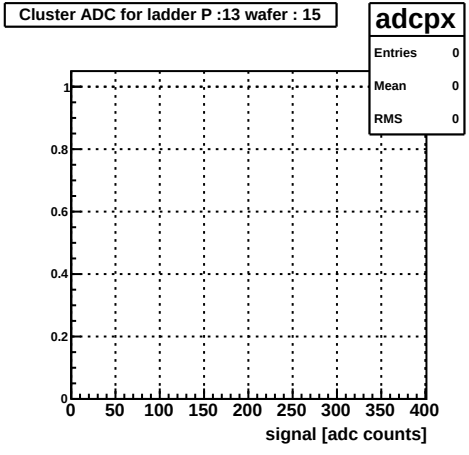

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 157
Mean 23.91
RMS 9.854
signal [adc counts]

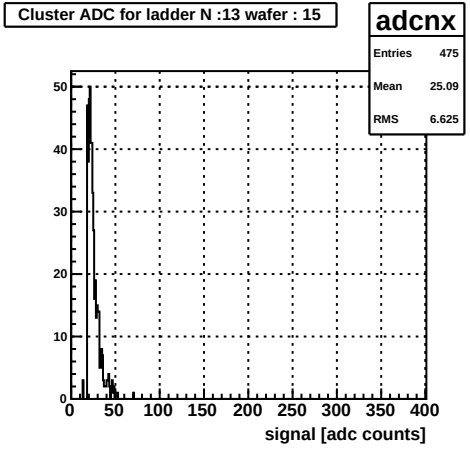

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 1818
Mean 27.2
RMS 15.44
signal [adc counts]

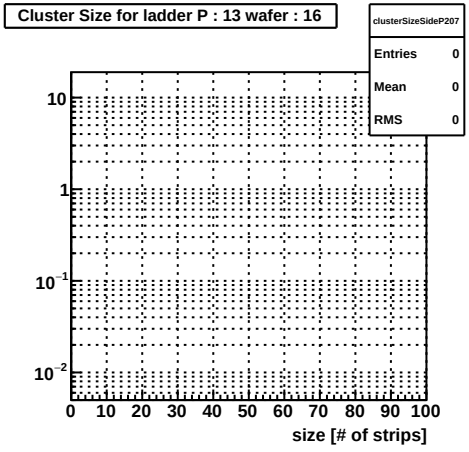

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 0
Mean 0
RMS 0
size [# of strips]

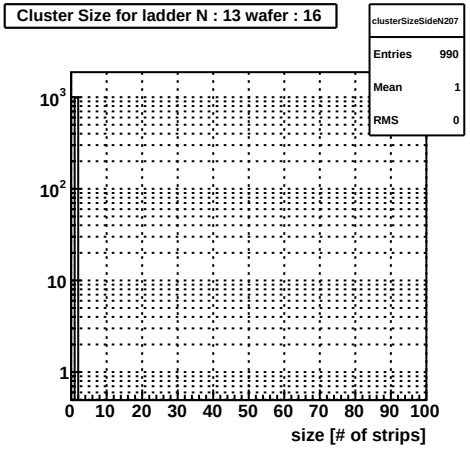

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 475
Mean 1.015
RMS 0.1205
size [# of strips]

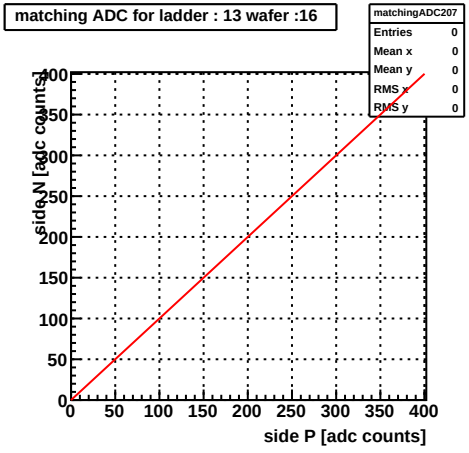

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

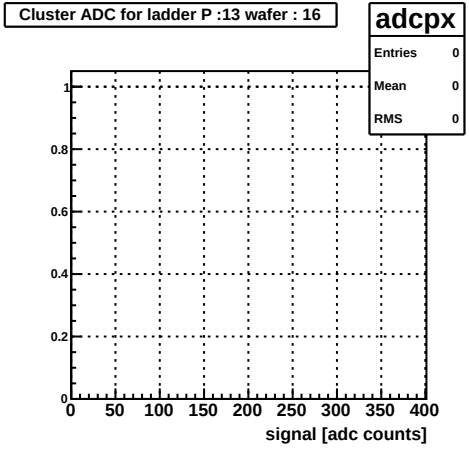

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

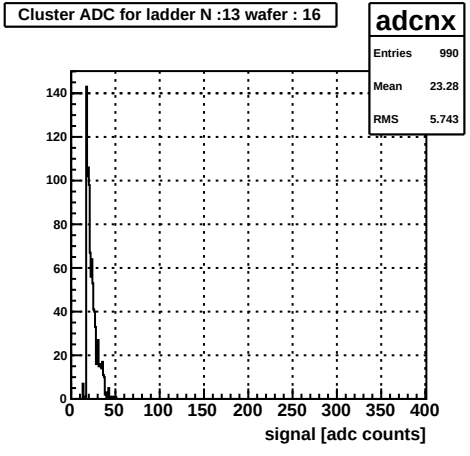

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 475
Mean 25.09
RMS 6.625
signal [adc counts]

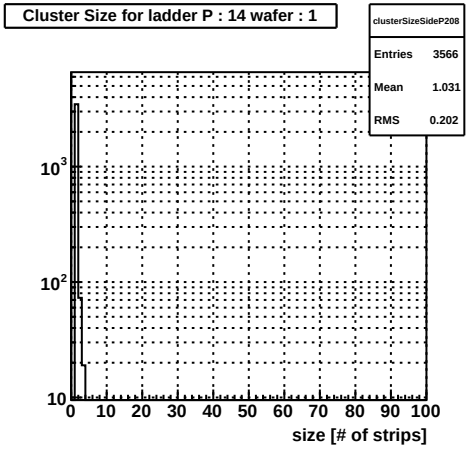

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 0
Mean 0
RMS 0
size [# of strips]

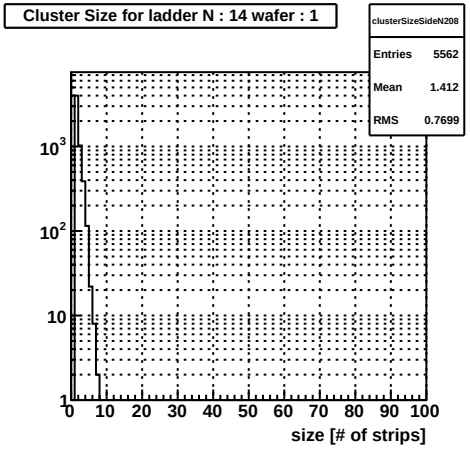

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 990
Mean 1
RMS 0
size [# of strips]

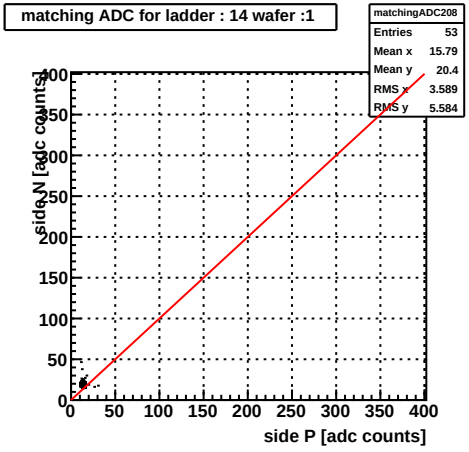

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

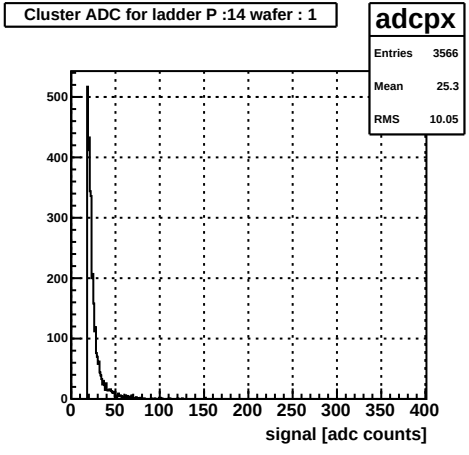

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

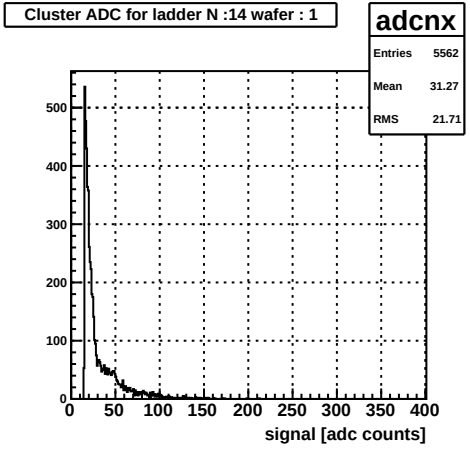

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 990
Mean 23.28
RMS 5.743
signal [adc counts]

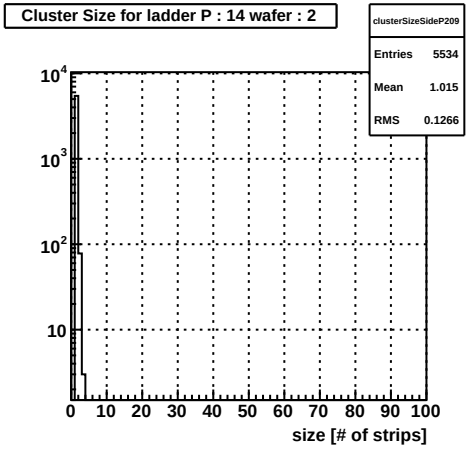

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3566
Mean 1.031
RMS 0.202
size [# of strips]

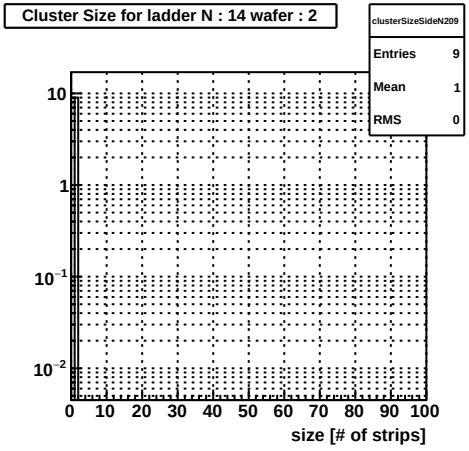

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5562
Mean 1.412
RMS 0.7699
size [# of strips]

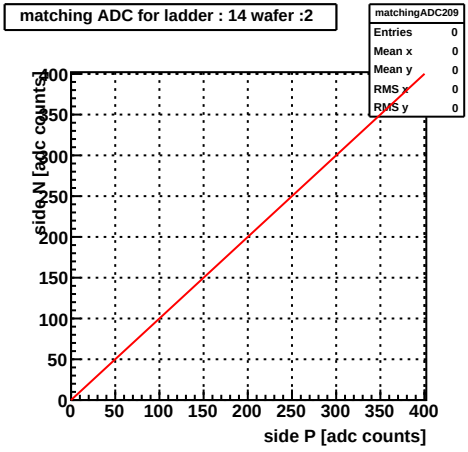

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 53
Mean x 15.79
Mean y 20.4
RMS x 3.589
RMS y 5.584
side N [adc counts]
side P [adc counts]

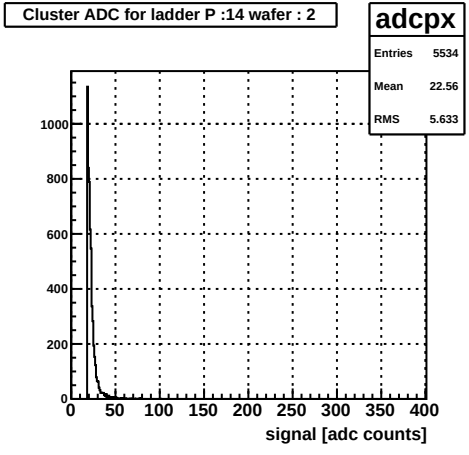

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3566
Mean 25.3
RMS 10.05
signal [adc counts]

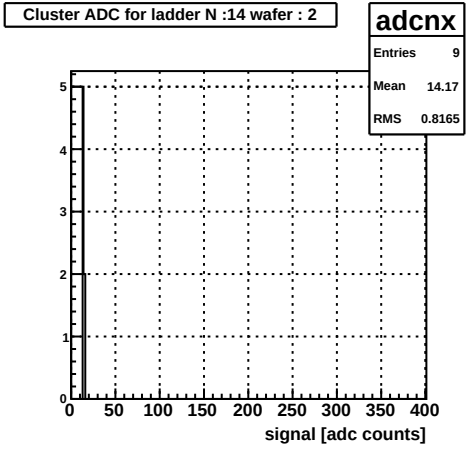

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5562
Mean 31.27
RMS 21.71
signal [adc counts]

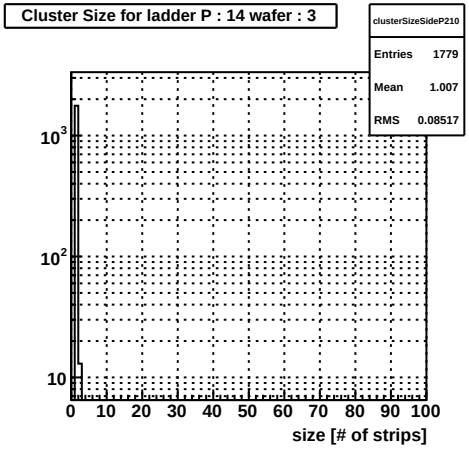

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5534
Mean 1.015
RMS 0.1266
size [# of strips]

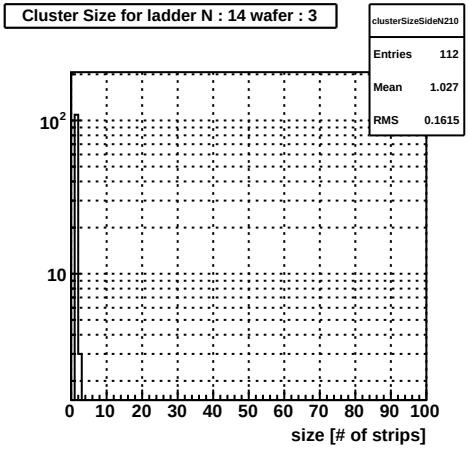

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 9
Mean 1
RMS 0
size [# of strips]

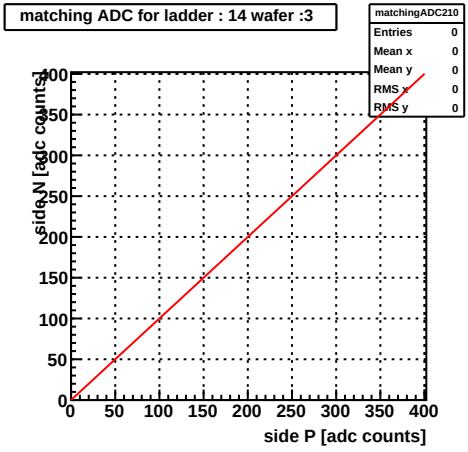

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

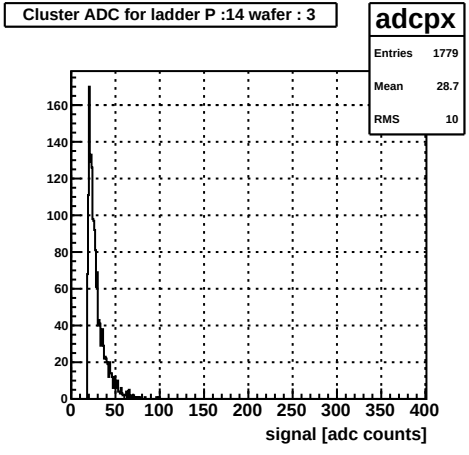

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5534
Mean 22.56
RMS 5.633
signal [adc counts]

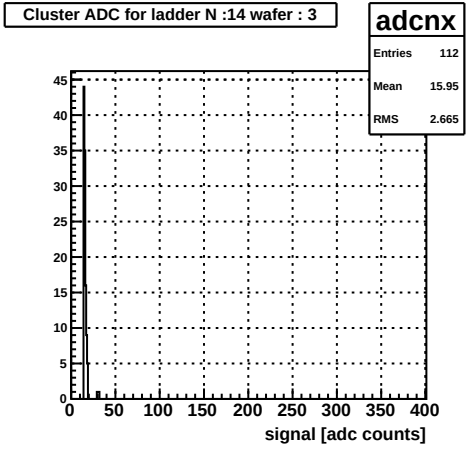

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 9
Mean 14.17
RMS 0.8165
signal [adc counts]

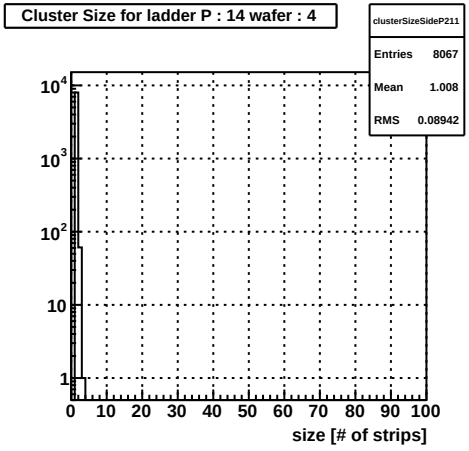

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1779
Mean 1.007
RMS 0.08517
size [# of strips]

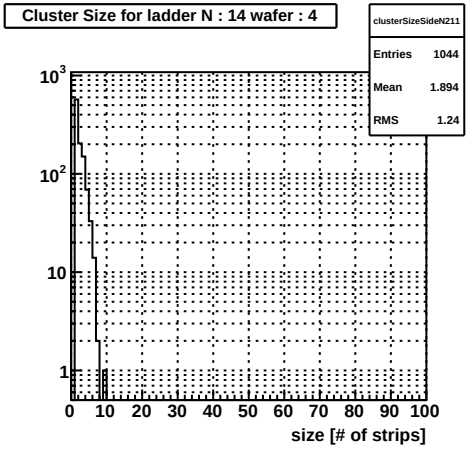

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 112
Mean 1.027
RMS 0.1615
size [# of strips]

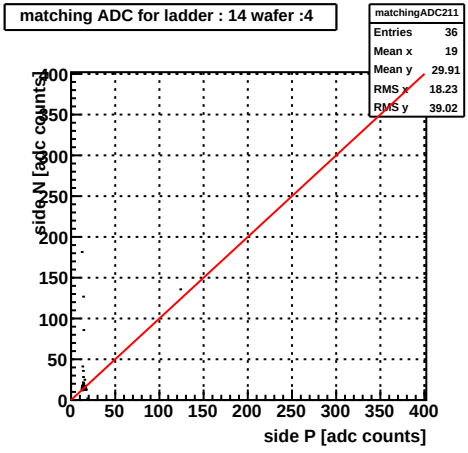

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

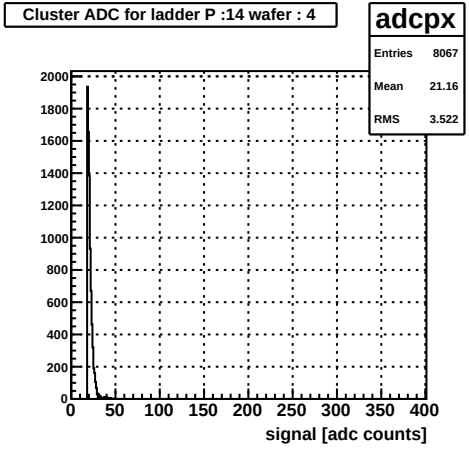

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1779
Mean 28.7
RMS 10
signal [adc counts]

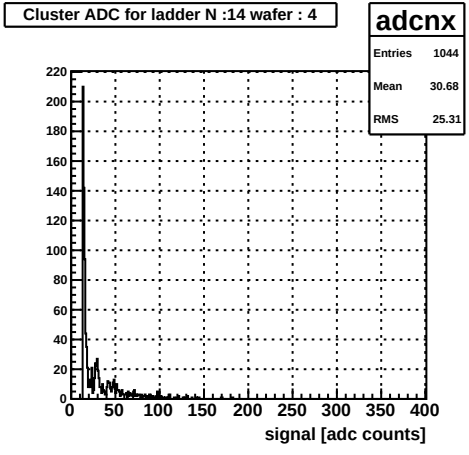

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 112
Mean 15.95
RMS 2.665
signal [adc counts]

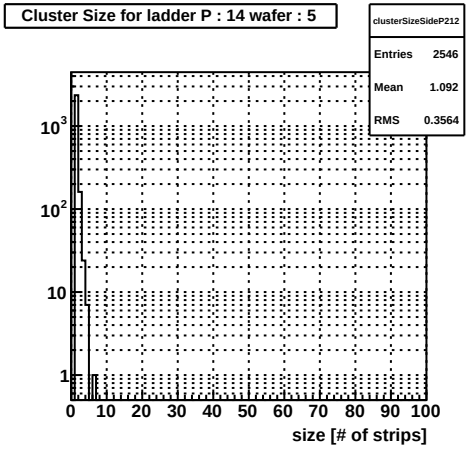

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 8067
Mean 1.008
RMS 0.08942
size [# of strips]

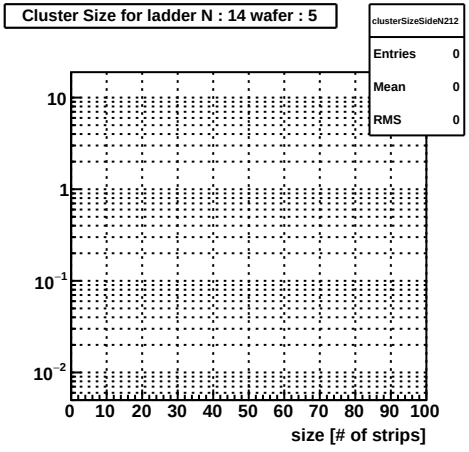

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1044
Mean 1.894
RMS 1.24
size [# of strips]

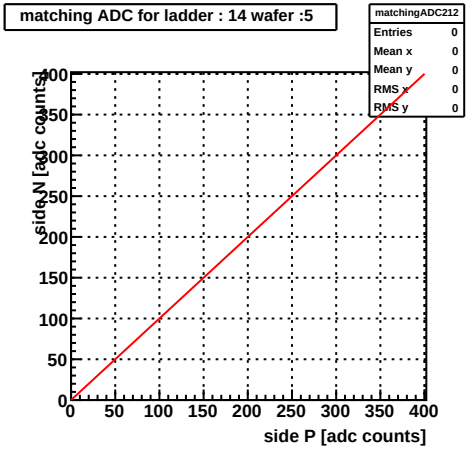

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 36
Mean x 19
Mean y 29.91
RMS x 18.23
RMS y 39.02
side N [adc counts]
side P [adc counts]

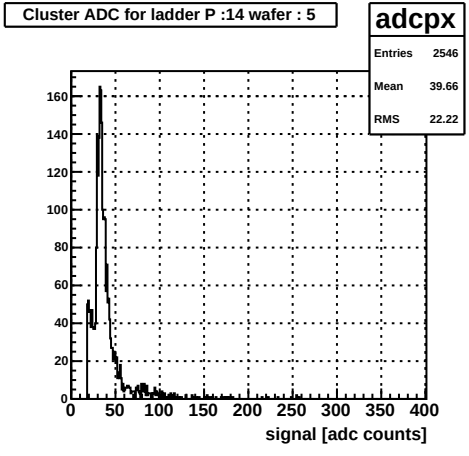

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 8067
Mean 21.16
RMS 3.522
signal [adc counts]

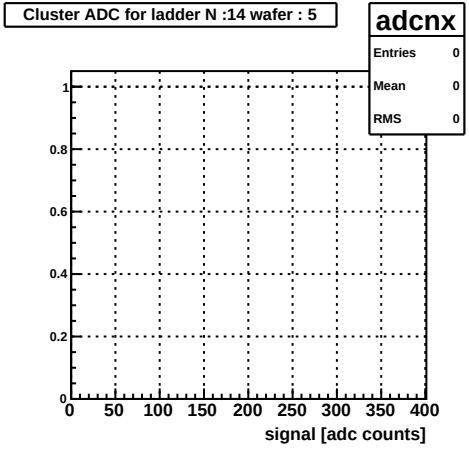

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1044
Mean 30.68
RMS 25.31
signal [adc counts]

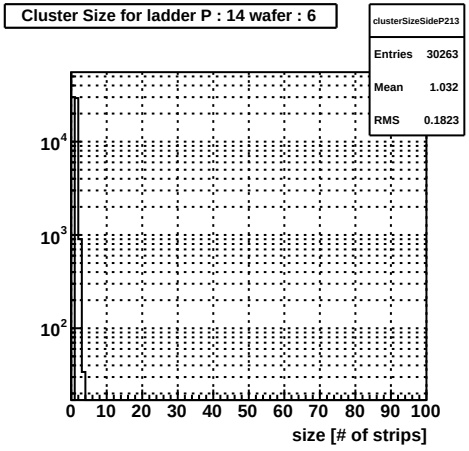

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2546
Mean 1.092
RMS 0.3564
size [# of strips]

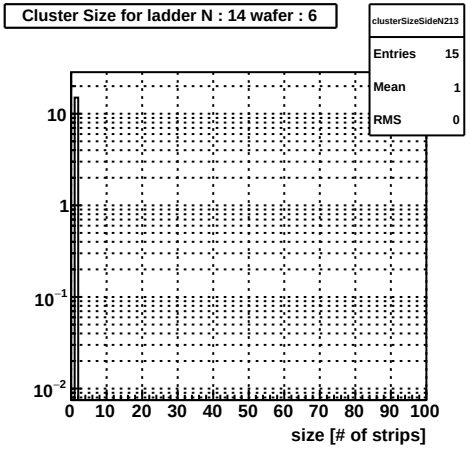

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

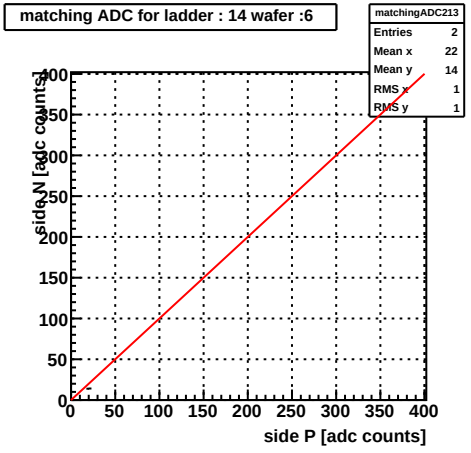

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

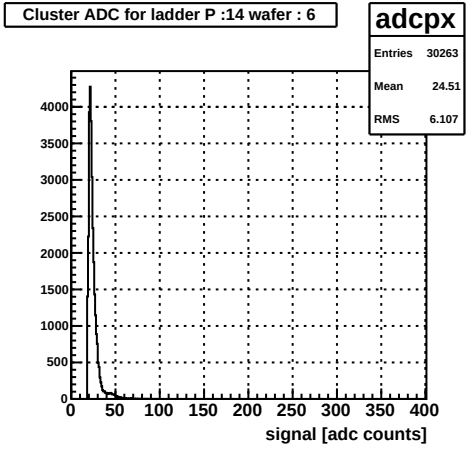

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2546
Mean 39.66
RMS 22.22
signal [adc counts]

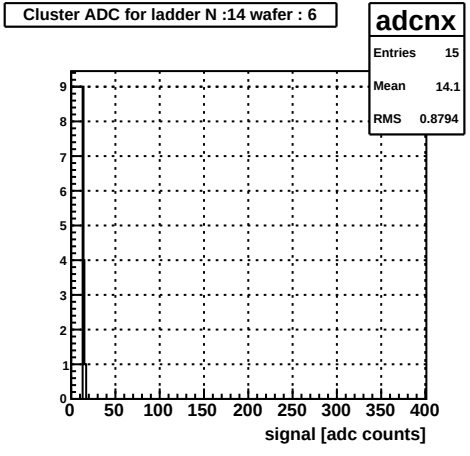

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

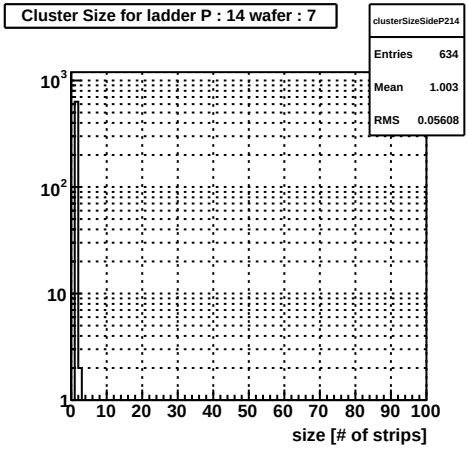

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 30263
Mean 1.032
RMS 0.1823
size [# of strips]

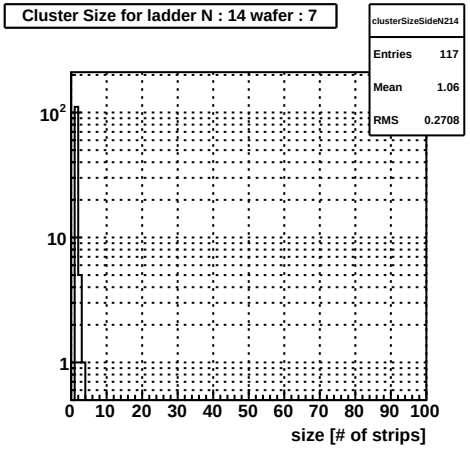

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 15
Mean 1
RMS 0
size [# of strips]

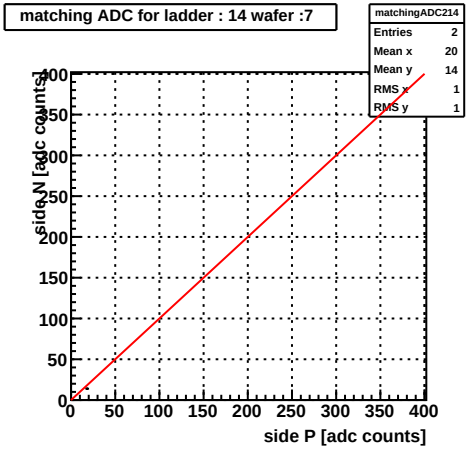

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 2
Mean x 22
Mean y 14
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

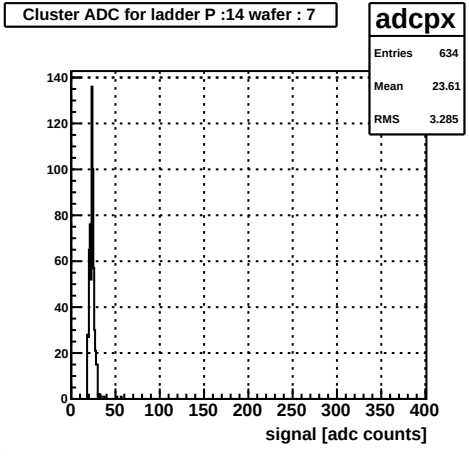

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 30263
Mean 24.51
RMS 6.107
signal [adc counts]

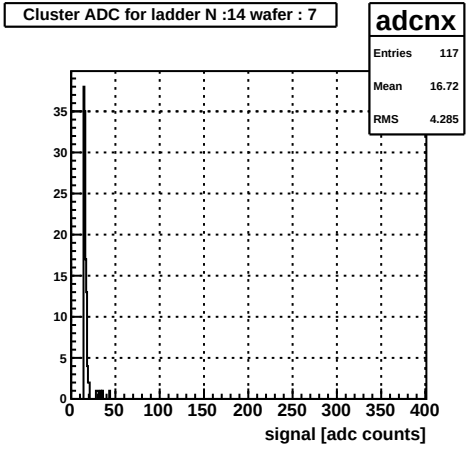

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 15
Mean 14.1
RMS 0.8794
signal [adc counts]

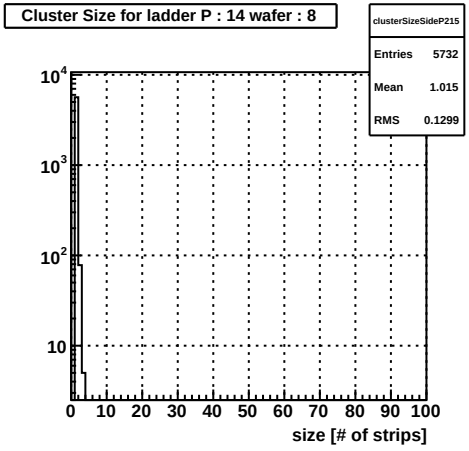

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 634
Mean 1.003
RMS 0.05608
size [# of strips]

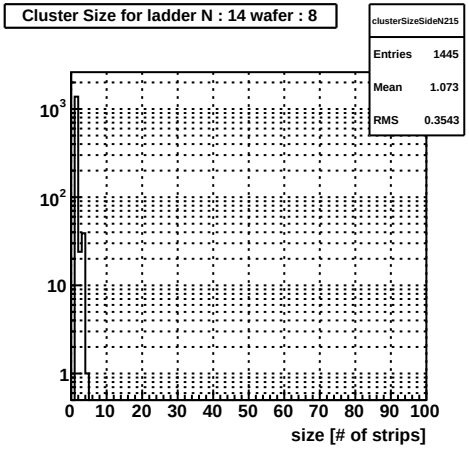

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 117
Mean 1.06
RMS 0.2708
size [# of strips]

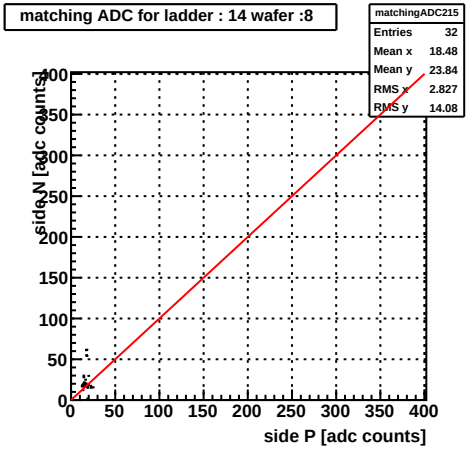

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 2
Mean x 20
Mean y 14
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

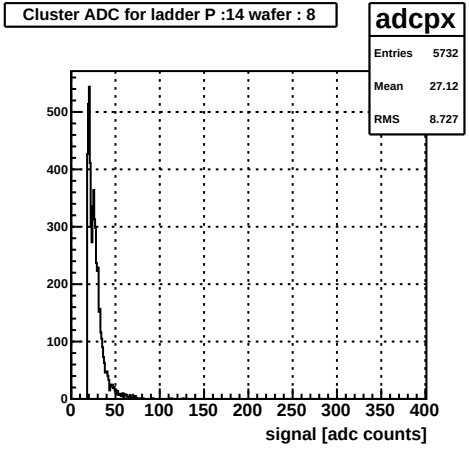

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 634
Mean 23.61
RMS 3.285
signal [adc counts]

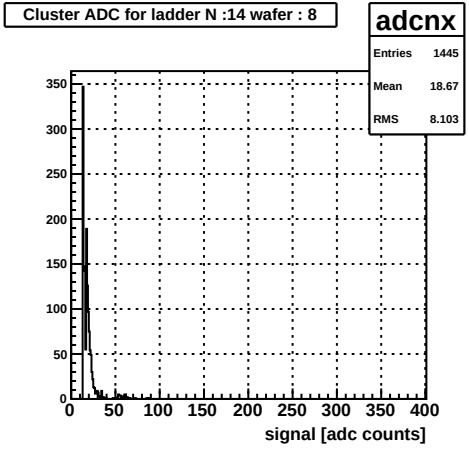

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 117
Mean 16.72
RMS 4.285
signal [adc counts]

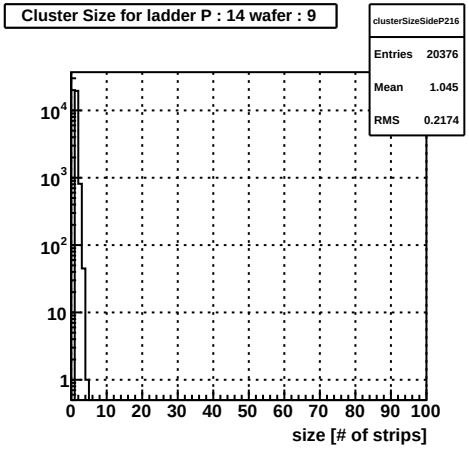

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5732
Mean 1.015
RMS 0.1299
size [# of strips]

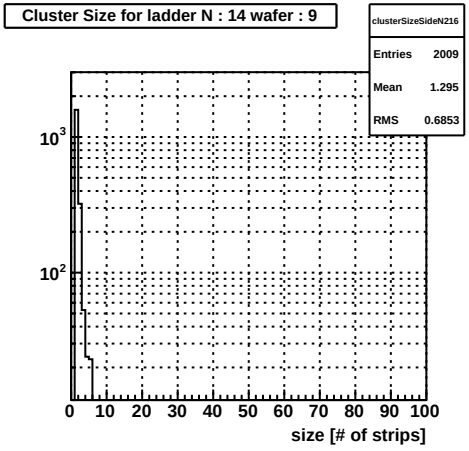

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1445
Mean 1.073
RMS 0.3543
size [# of strips]

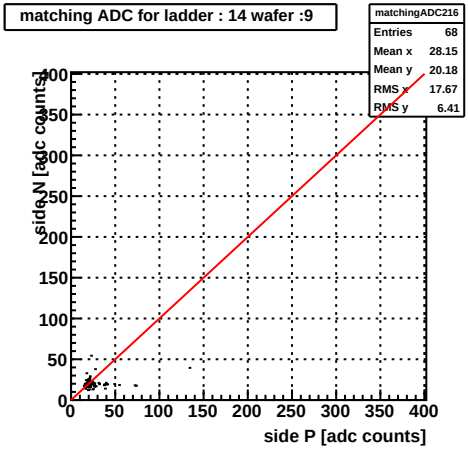

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 32
Mean x 18.48
Mean y 23.84
RMS x 2.827
RMS y 14.08
side N [adc counts]
side P [adc counts]

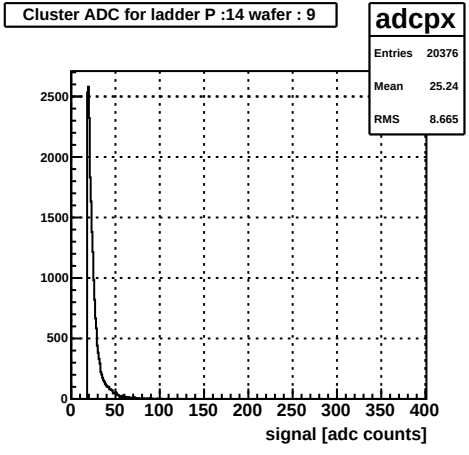

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5732
Mean 27.12
RMS 8.727
signal [adc counts]

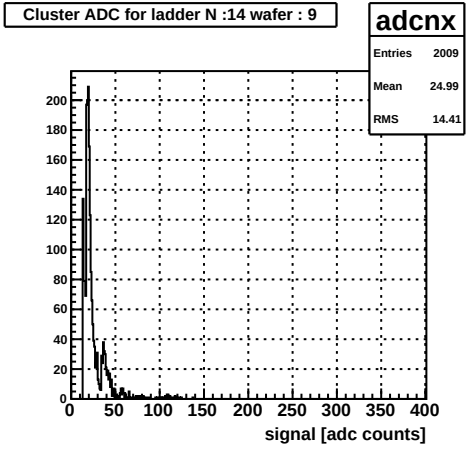

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1445
Mean 18.67
RMS 8.103
signal [adc counts]

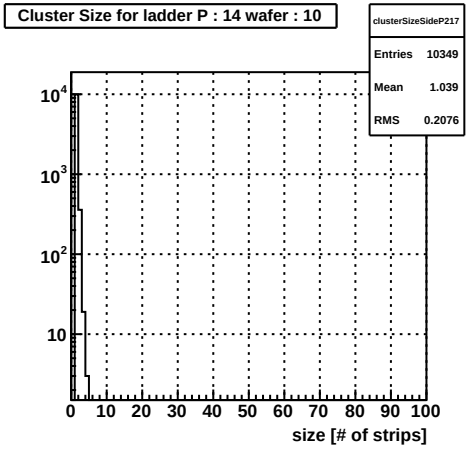

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 20376
Mean 1.045
RMS 0.2174
size [# of strips]

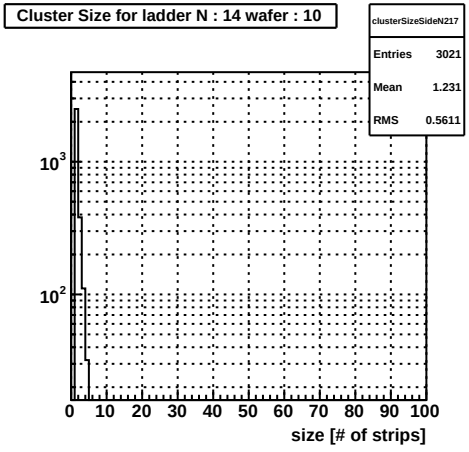

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2009
Mean 1.295
RMS 0.6853
size [# of strips]

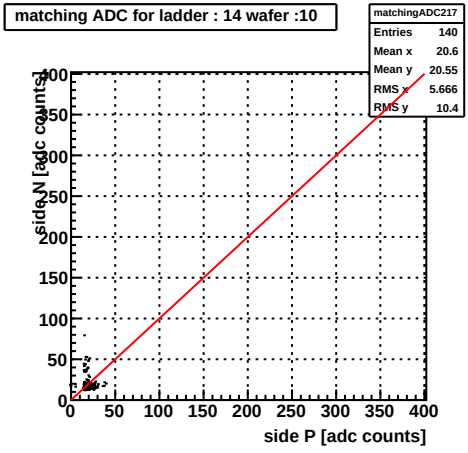

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 68
Mean x 28.15
Mean y 20.18
RMS x 17.67
RMS y 6.41
side N [adc counts]
side P [adc counts]

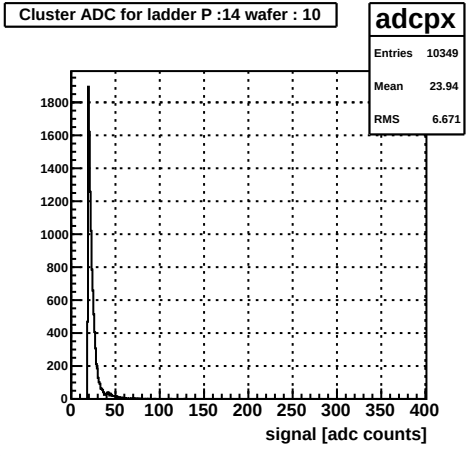

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 20376
Mean 25.24
RMS 8.665
signal [adc counts]

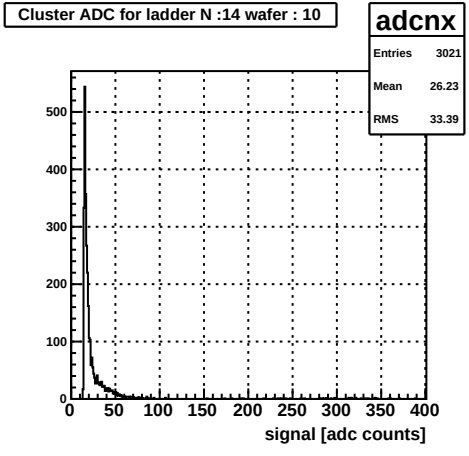

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2009
Mean 24.99
RMS 14.41
signal [adc counts]

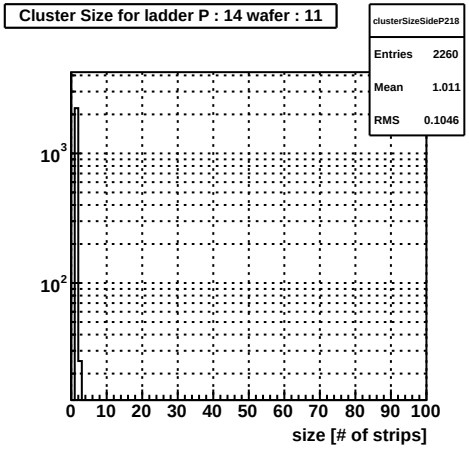

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10349
Mean 1.039
RMS 0.2076
size [# of strips]

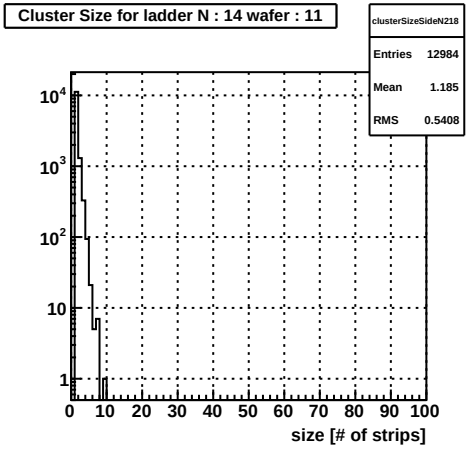

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 3021
Mean 1.231
RMS 0.5611
size [# of strips]

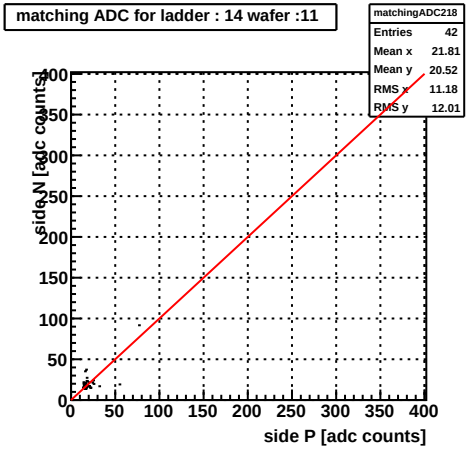

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 140
Mean x 20.6
Mean y 20.55
RMS x 5.666
RMS y 10.4
side N [adc counts]
side P [adc counts]

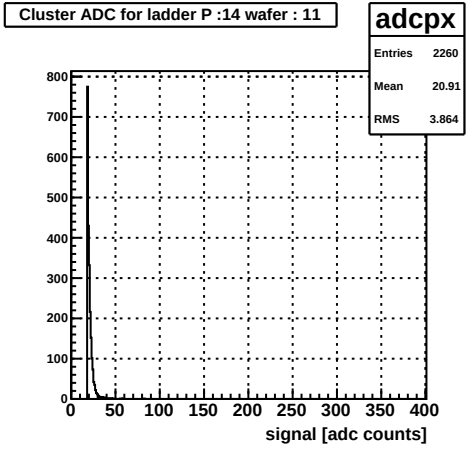

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10349
Mean 23.94
RMS 6.671
signal [adc counts]

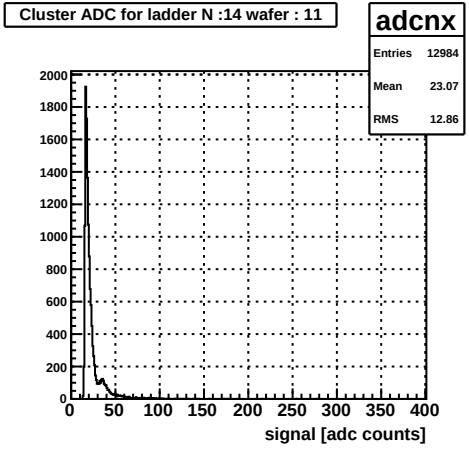

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 3021
Mean 26.23
RMS 33.39
signal [adc counts]

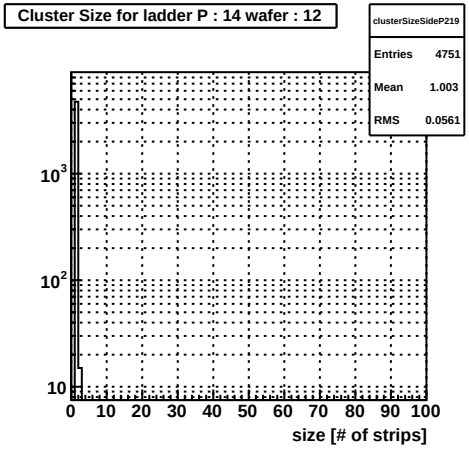

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2260
Mean 1.011
RMS 0.1046
size [# of strips]

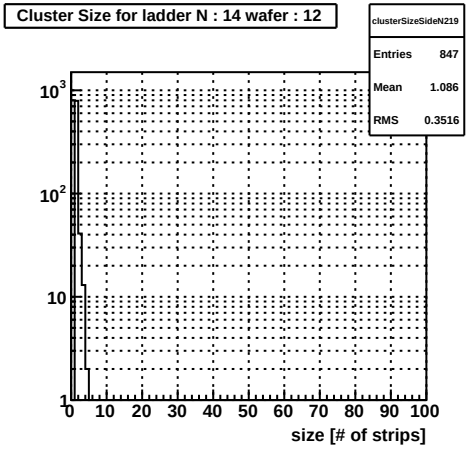

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 12984
Mean 1.185
RMS 0.5408
size [# of strips]

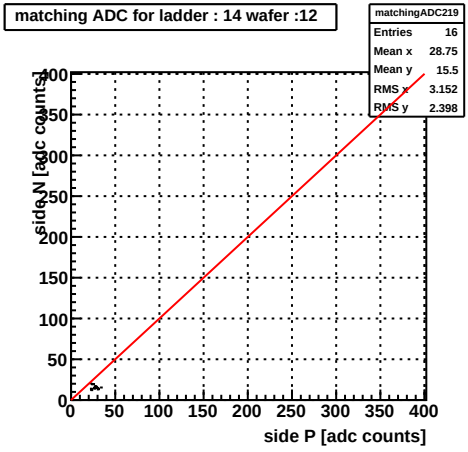

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 42
Mean x 21.81
Mean y 20.52
RMS x 11.18
RMS y 12.01
side N [adc counts]
side P [adc counts]

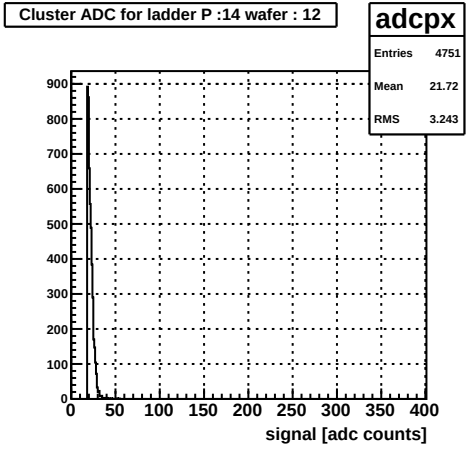

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2260
Mean 20.91
RMS 3.864
signal [adc counts]

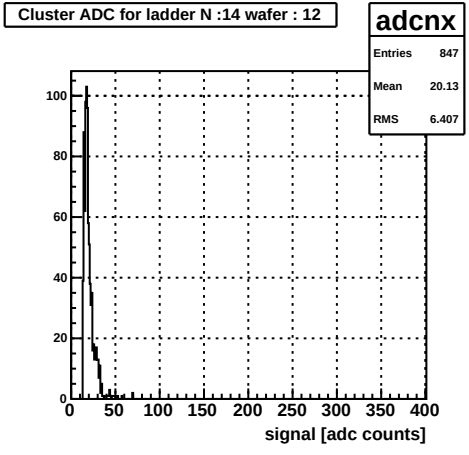

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 12984
Mean 23.07
RMS 12.86
signal [adc counts]

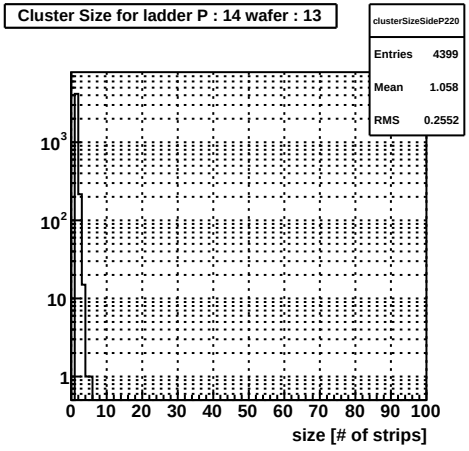

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4751
Mean 1.003
RMS 0.0561
size [# of strips]

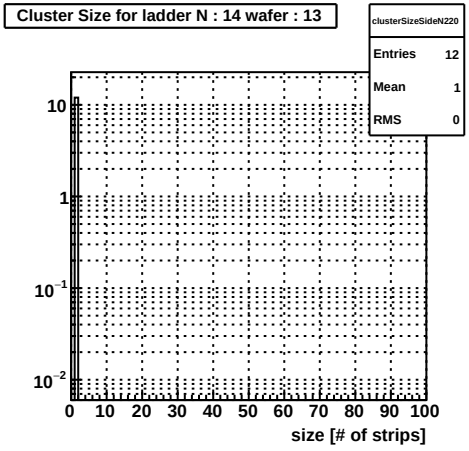

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 847
Mean 1.086
RMS 0.3516
size [# of strips]

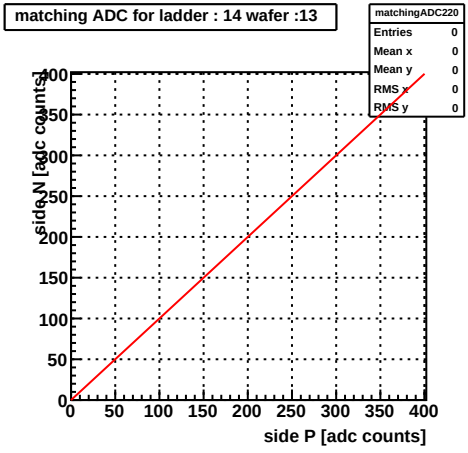

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 16
Mean x 28.75
Mean y 15.5
RMS x 3.152
RMS y 2.398
side N [adc counts]
side P [adc counts]

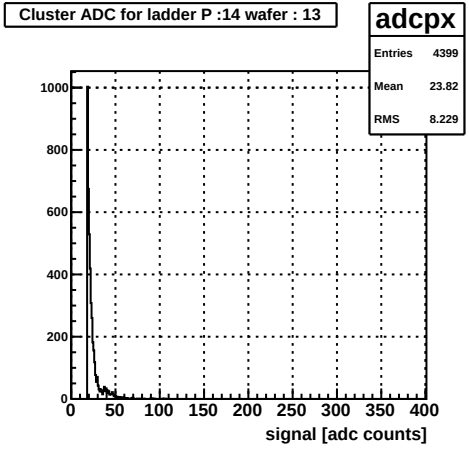

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4751
Mean 21.72
RMS 3.243
signal [adc counts]

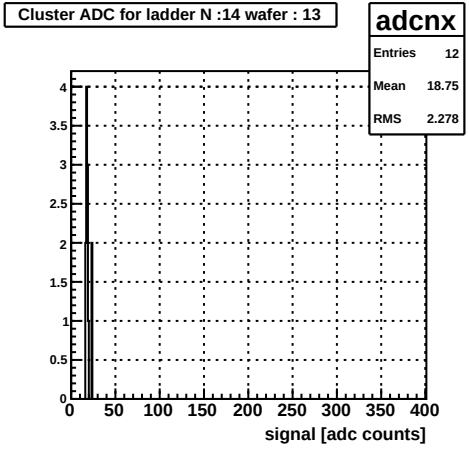

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 847
Mean 20.13
RMS 6.407
signal [adc counts]

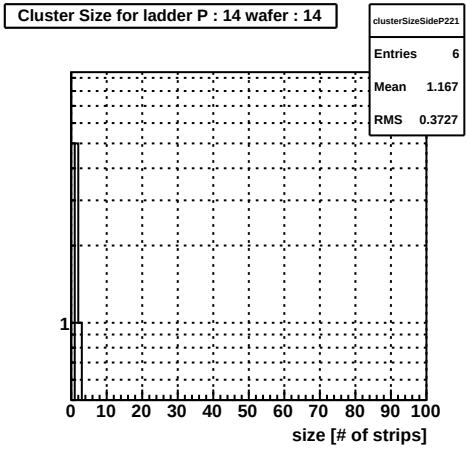

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4399
Mean 1.058
RMS 0.2552
size [# of strips]

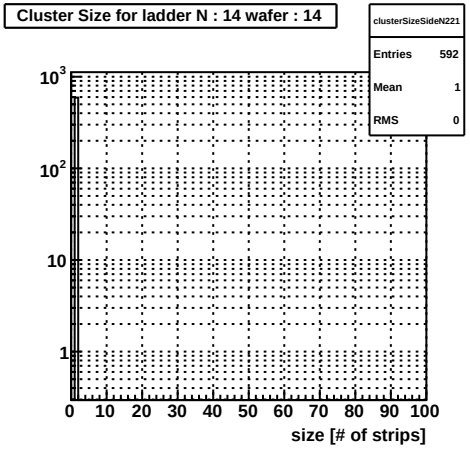

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 12
Mean 1
RMS 0
size [# of strips]

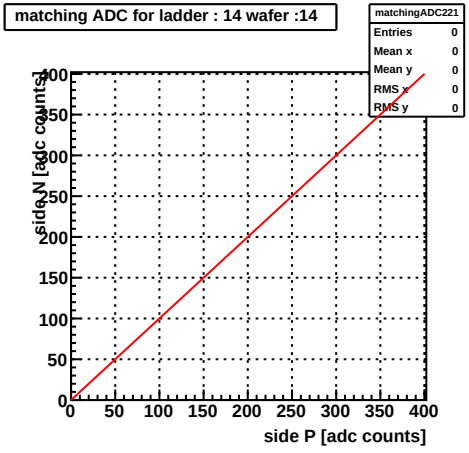

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

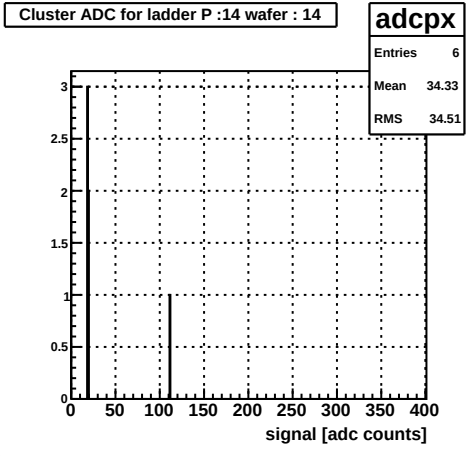

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4399
Mean 23.82
RMS 8.229
signal [adc counts]

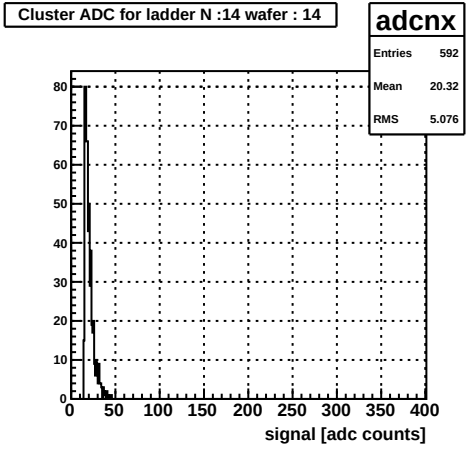

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 12
Mean 18.75
RMS 2.278
signal [adc counts]

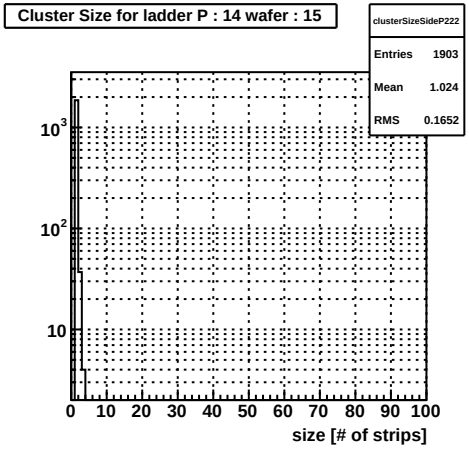

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

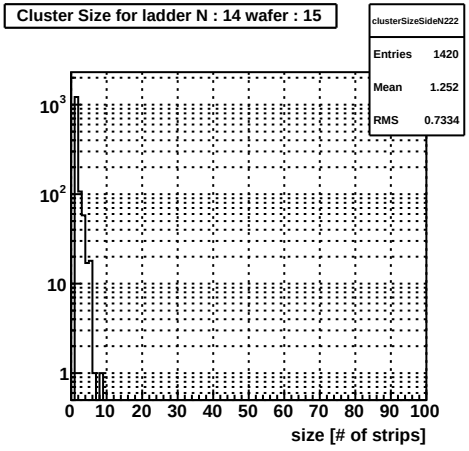

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 592
Mean 1
RMS 0
size [# of strips]

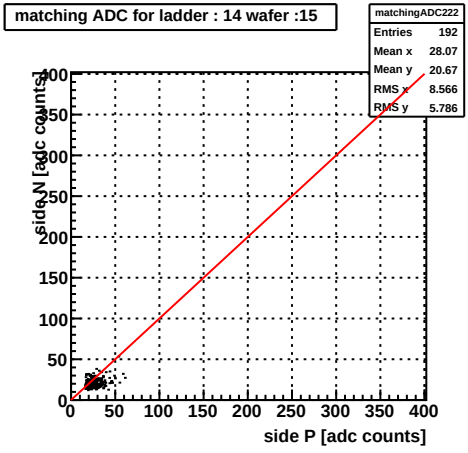

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

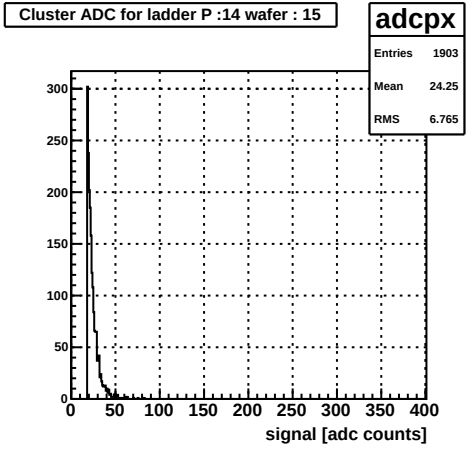

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 6
Mean 34.33
RMS 34.51
signal [adc counts]

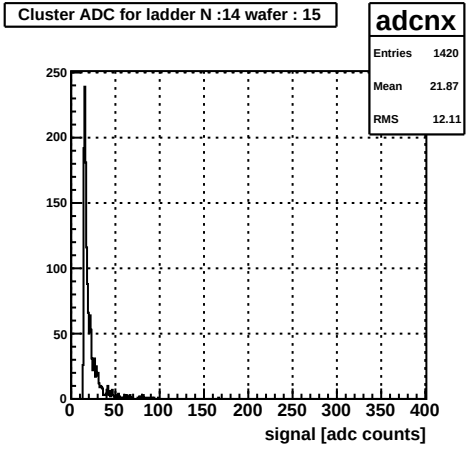

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 592
Mean 20.32
RMS 5.076
signal [adc counts]

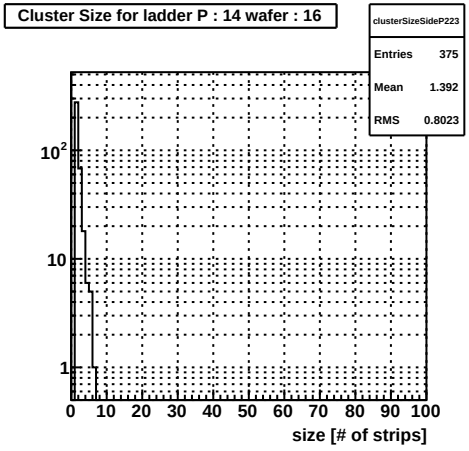

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1903
Mean 1.024
RMS 0.1652
size [# of strips]

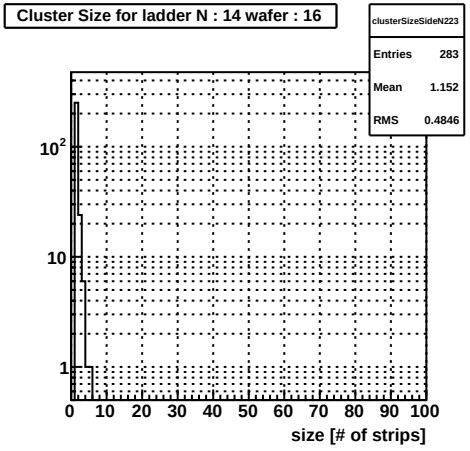

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1420
Mean 1.252
RMS 0.7334
size [# of strips]

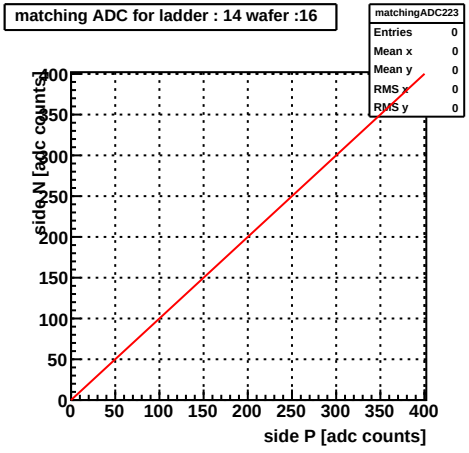

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 192
Mean x 28.07
Mean y 20.67
RMS x 8.566
RMS y 5.786
side N [adc counts]
side P [adc counts]

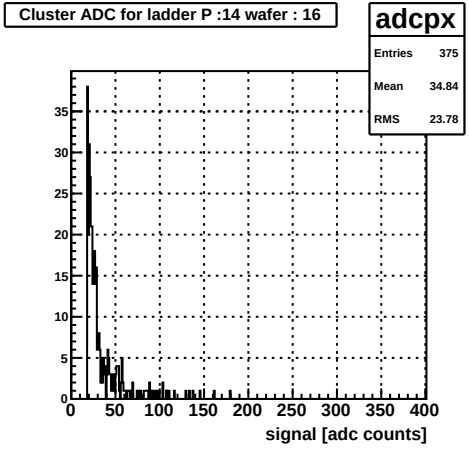

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1903
Mean 24.25
RMS 6.765
signal [adc counts]

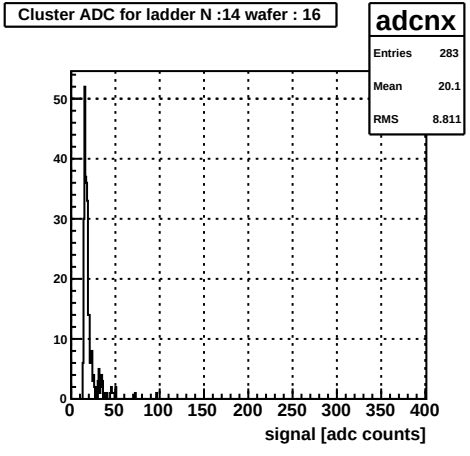

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1420
Mean 21.87
RMS 12.11
signal [adc counts]

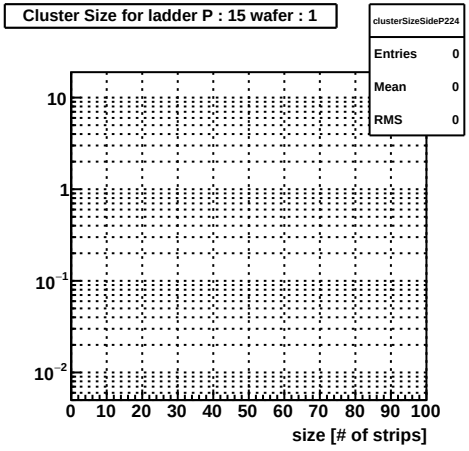

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 375
Mean 1.392
RMS 0.8023
size [# of strips]

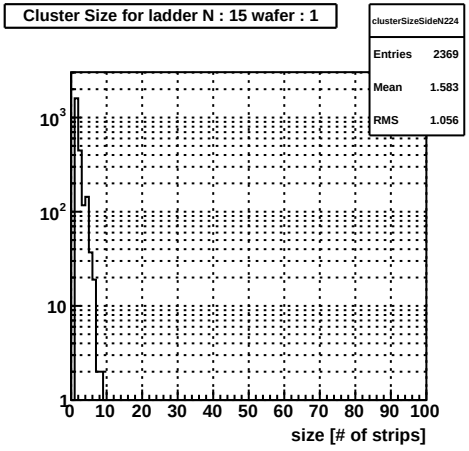

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 283
Mean 1.152
RMS 0.4846
size [# of strips]

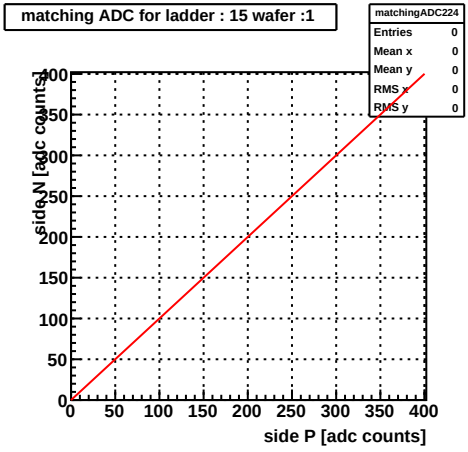

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

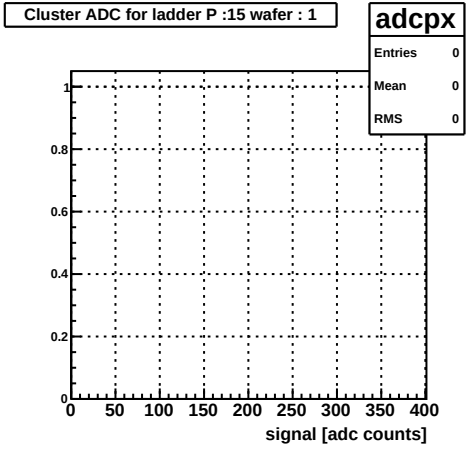

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 375
Mean 34.84
RMS 23.78
signal [adc counts]

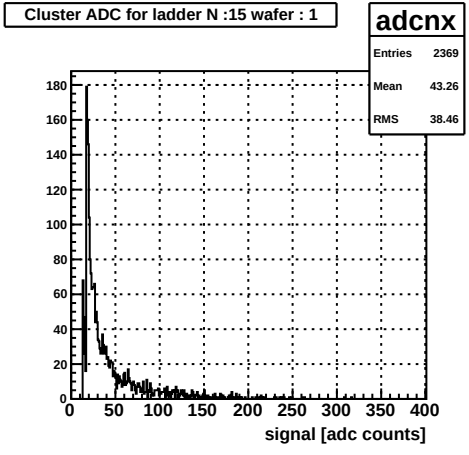

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 283
Mean 20.1
RMS 8.811
signal [adc counts]

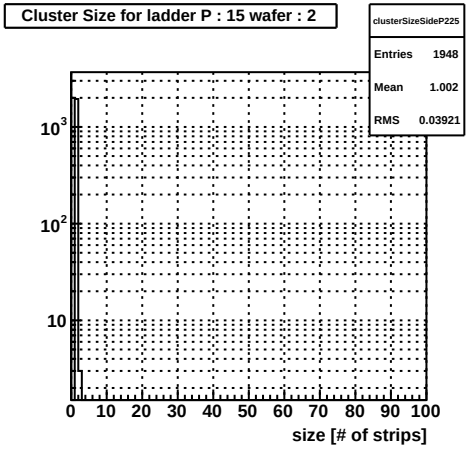

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

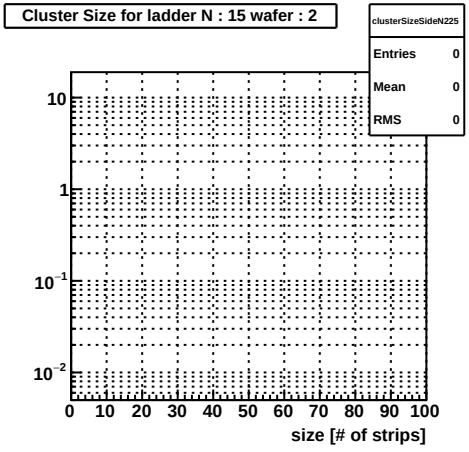

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2369
Mean 1.583
RMS 1.056
size [# of strips]

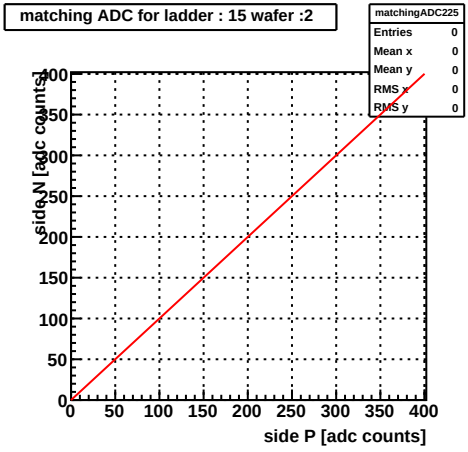

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

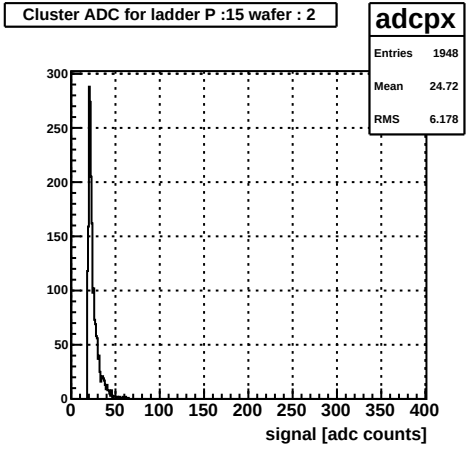

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

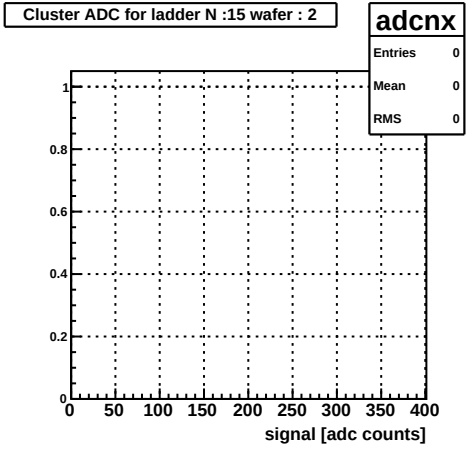

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2369
Mean 43.26
RMS 38.46
signal [adc counts]

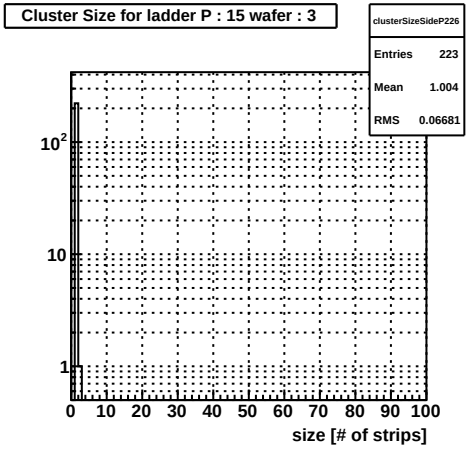

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1948
Mean 1.002
RMS 0.03921
size [# of strips]

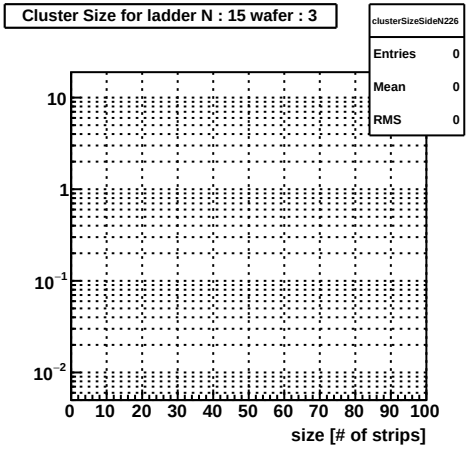

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

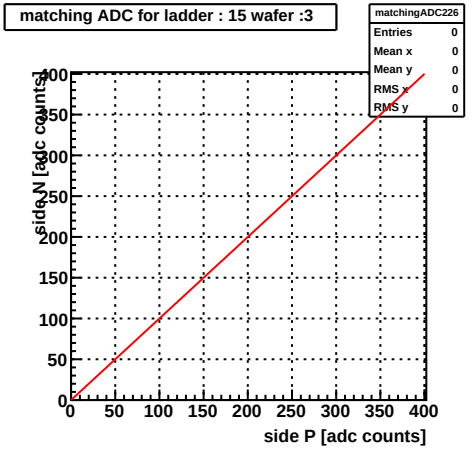

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

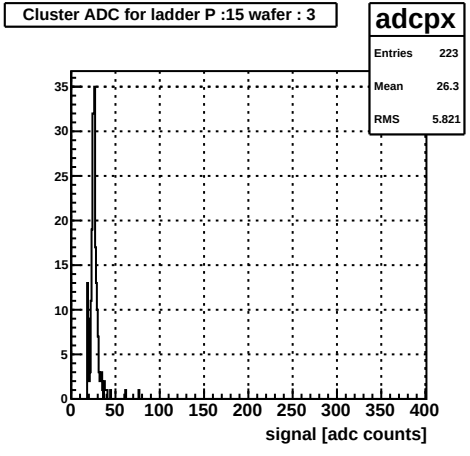

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1948
Mean 24.72
RMS 6.178
signal [adc counts]

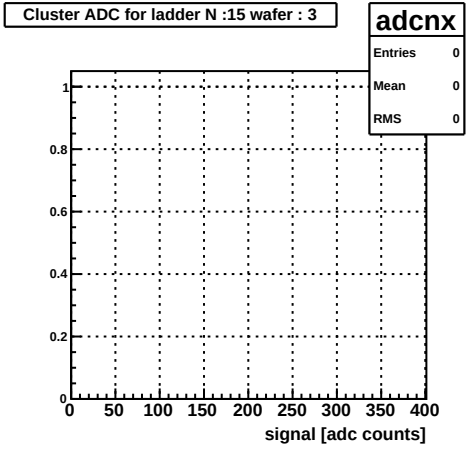

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

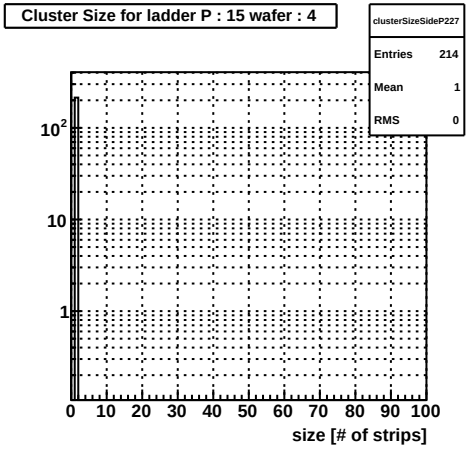

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 223
Mean 1.004
RMS 0.06681
size [# of strips]

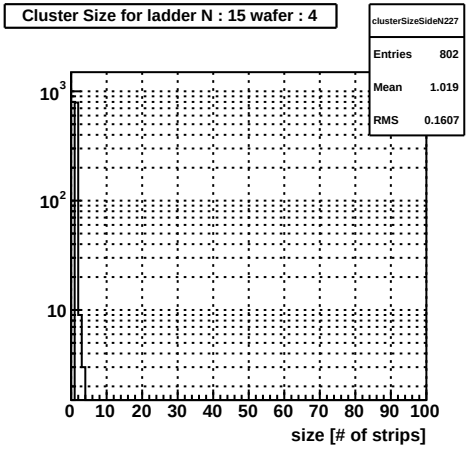

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

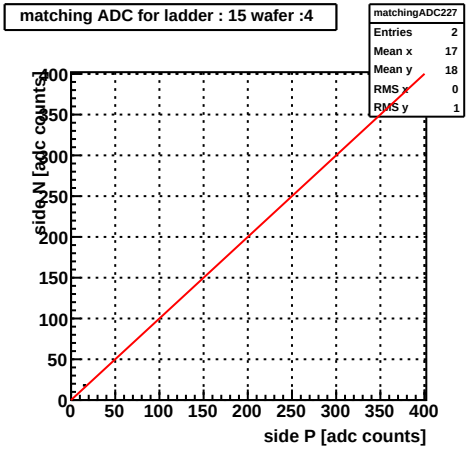

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

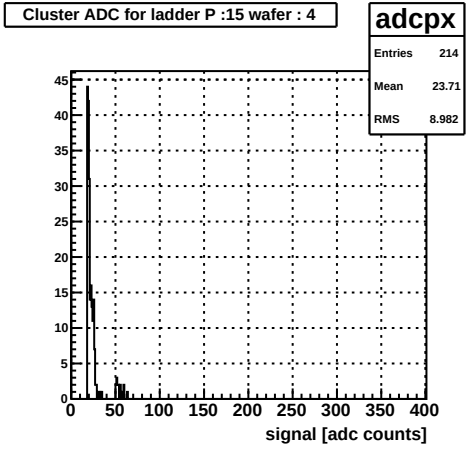

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 223
Mean 26.3
RMS 5.821
signal [adc counts]

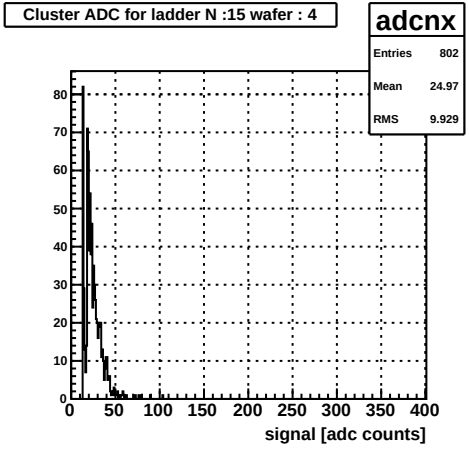

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

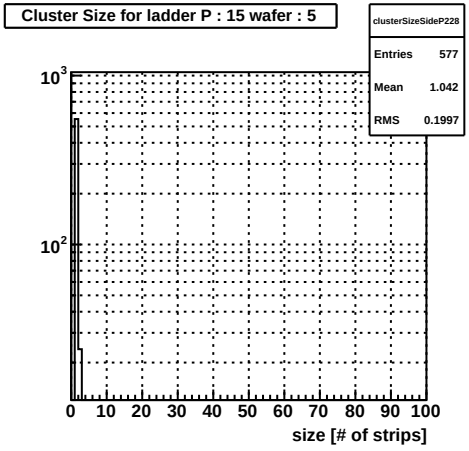

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 214
Mean 1
RMS 0
size [# of strips]

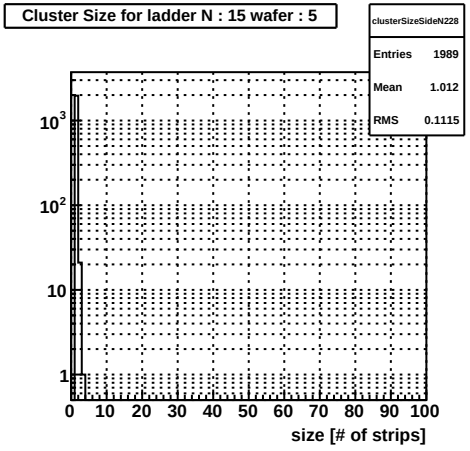

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 802
Mean 1.019
RMS 0.1607
size [# of strips]

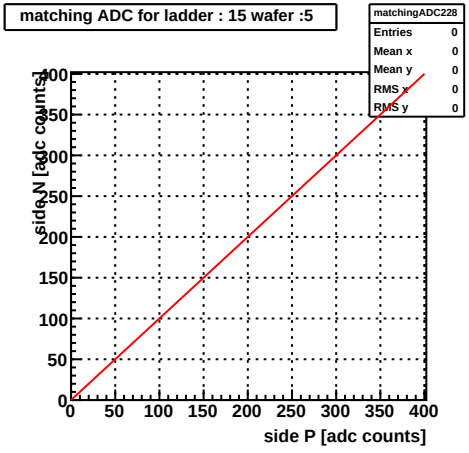

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 2
Mean x 17
Mean y 18
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

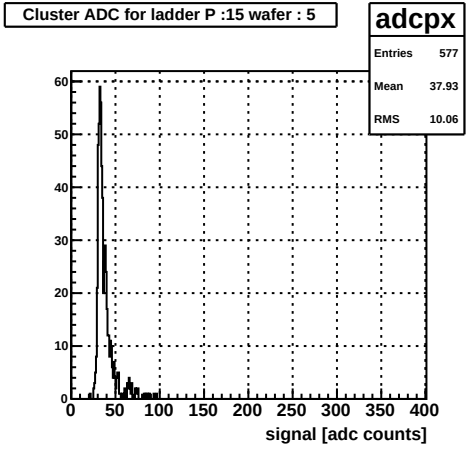

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 214
Mean 23.71
RMS 8.982
signal [adc counts]

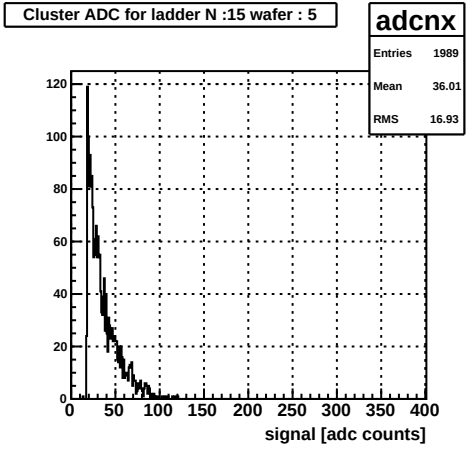

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 802
Mean 24.97
RMS 9.929
signal [adc counts]

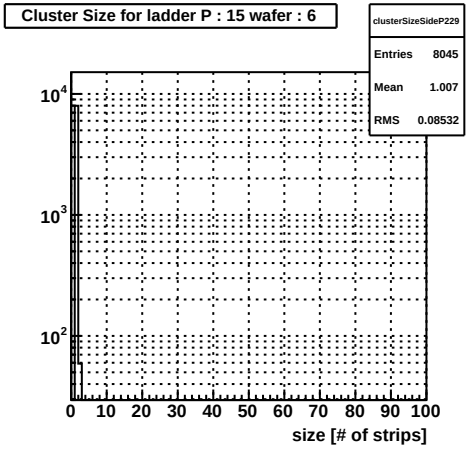

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 577
Mean 1.042
RMS 0.1997
size [# of strips]

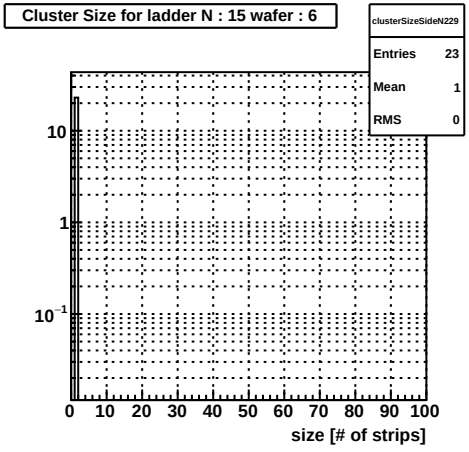

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1989
Mean 1.012
RMS 0.1115
size [# of strips]

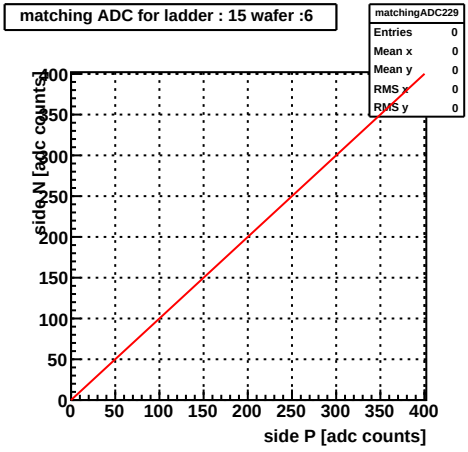

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

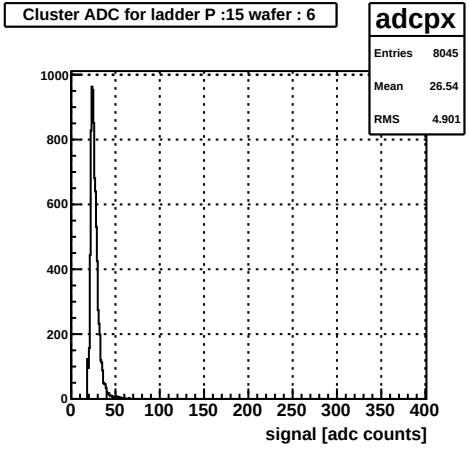

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 577
Mean 37.93
RMS 10.06
signal [adc counts]

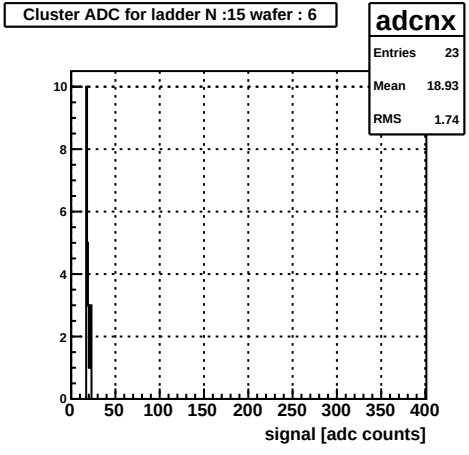

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1989
Mean 36.01
RMS 16.93
signal [adc counts]

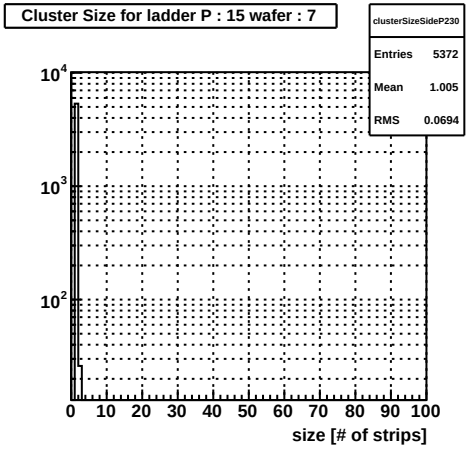

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8045
Mean 1.007
RMS 0.08532
size [# of strips]

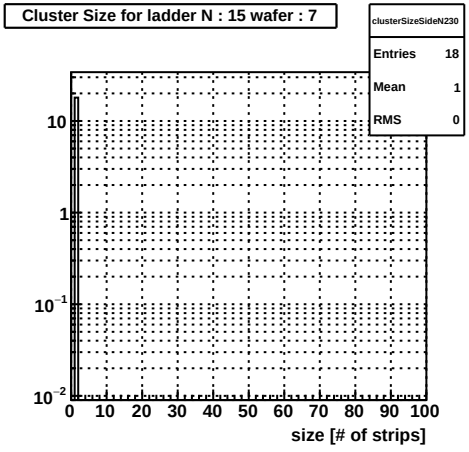

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 23
Mean 1
RMS 0
size [# of strips]

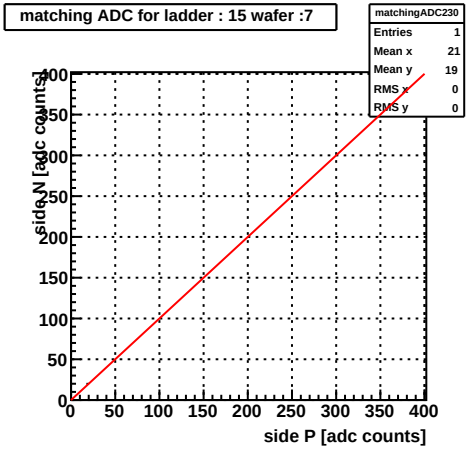

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

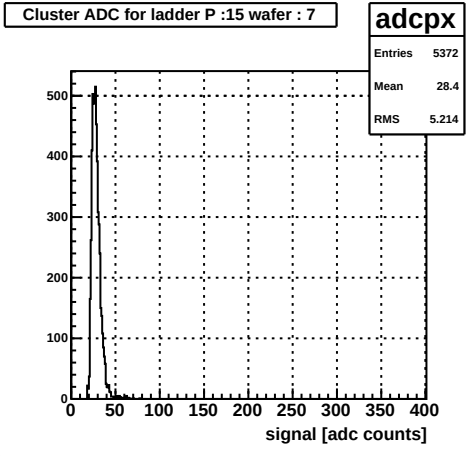

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8045
Mean 26.54
RMS 4.901
signal [adc counts]

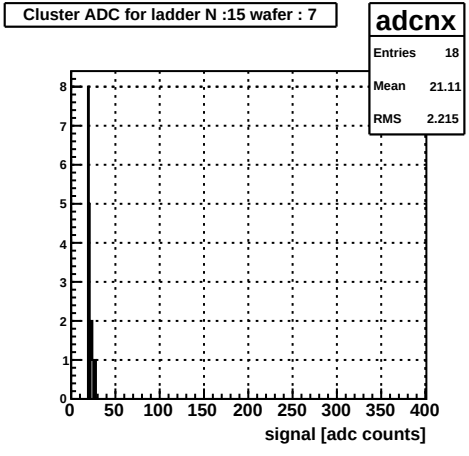

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 23
Mean 18.93
RMS 1.74
signal [adc counts]

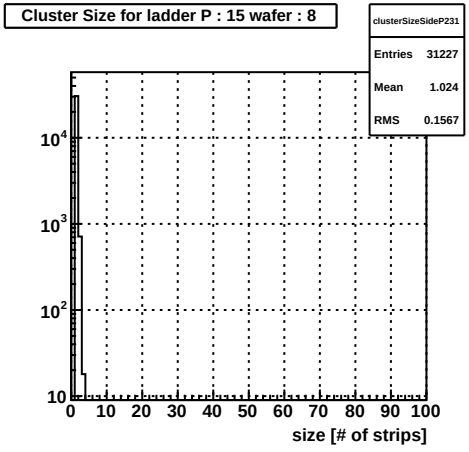

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 5372
Mean 1.005
RMS 0.0694
size [# of strips]

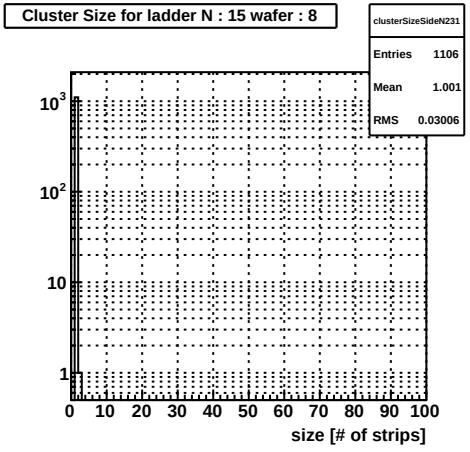

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 18
Mean 1
RMS 0
size [# of strips]

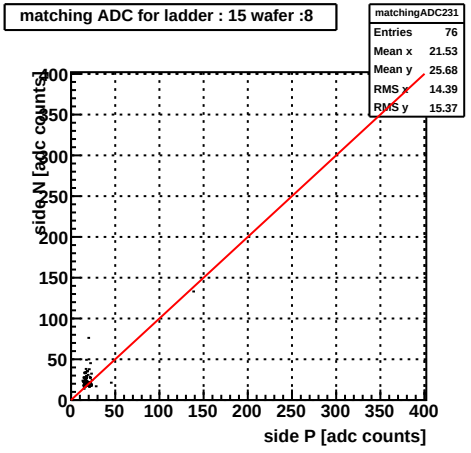

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 21
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

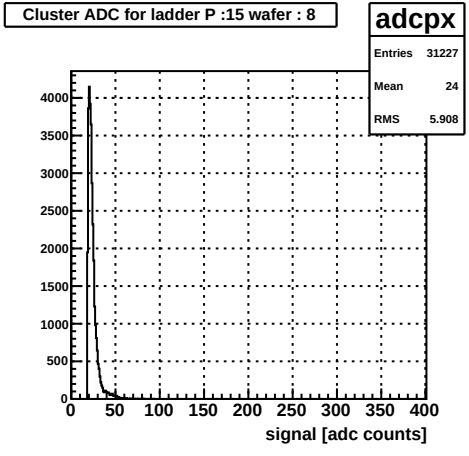

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 5372
Mean 28.4
RMS 5.214
signal [adc counts]

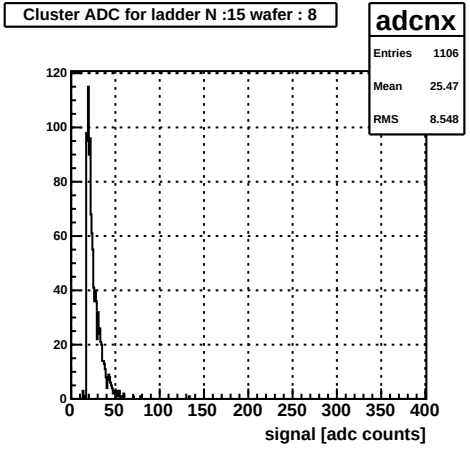

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 18
Mean 21.11
RMS 2.215
signal [adc counts]

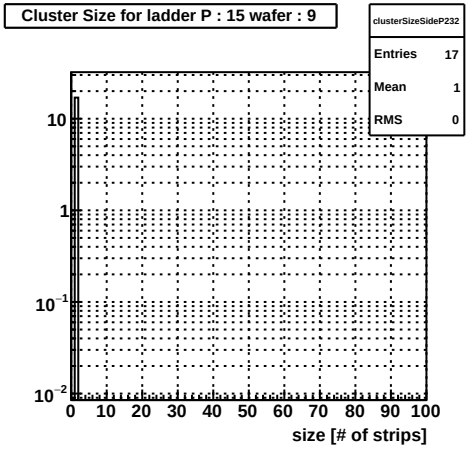

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 31227
Mean 1.024
RMS 0.1567
size [# of strips]

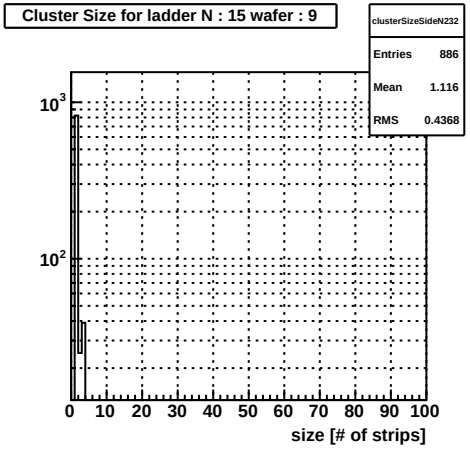

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1106
Mean 1.001
RMS 0.03006
size [# of strips]

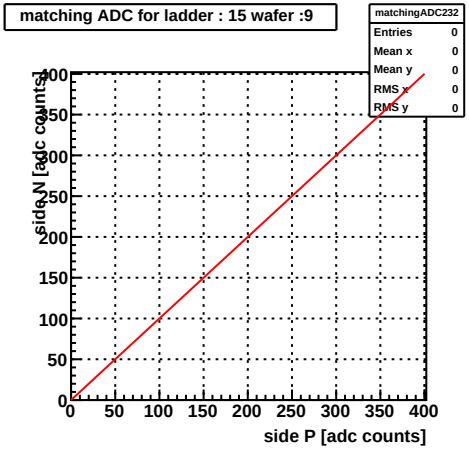

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 76
Mean x 21.53
Mean y 25.68
RMS x 14.39
RMS y 15.37
side N [adc counts]
side P [adc counts]

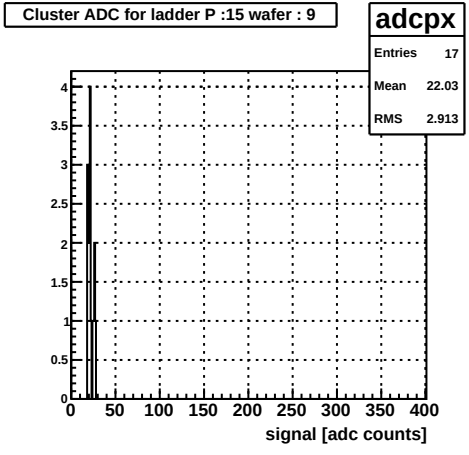

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 31227
Mean 24
RMS 5.908
signal [adc counts]

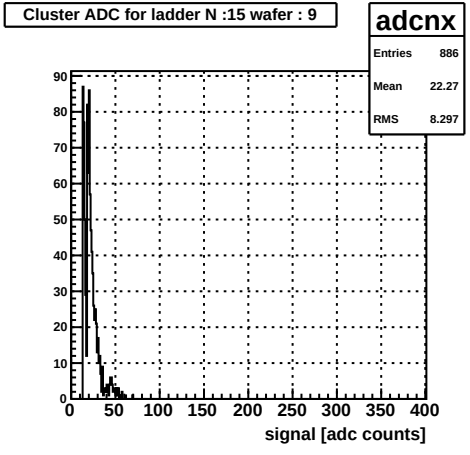

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1106
Mean 25.47
RMS 8.548
signal [adc counts]

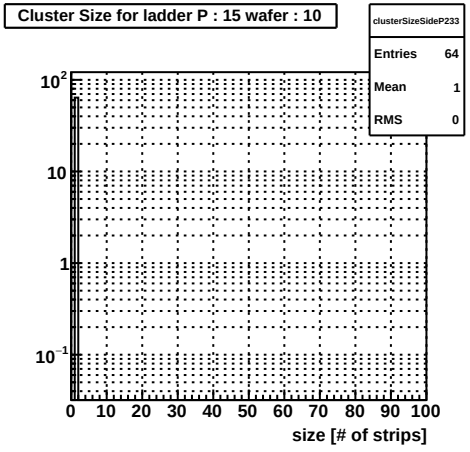

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 17
Mean 1
RMS 0
size [# of strips]

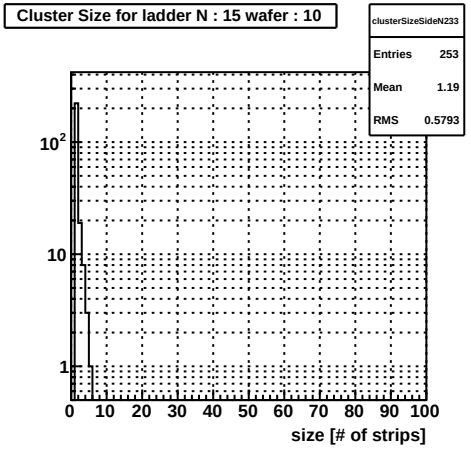

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 886
Mean 1.116
RMS 0.4368
size [# of strips]

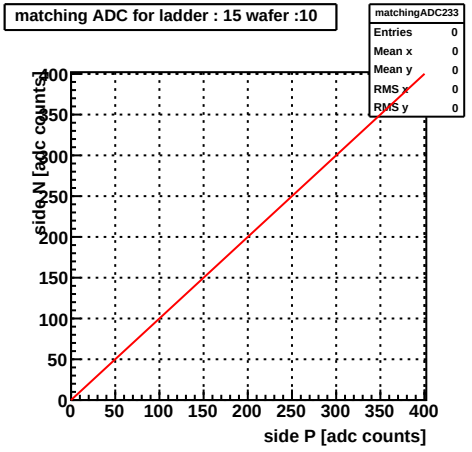

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

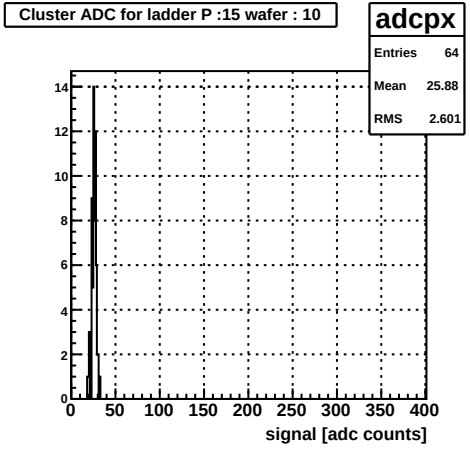

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 17
Mean 22.03
RMS 2.913
signal [adc counts]

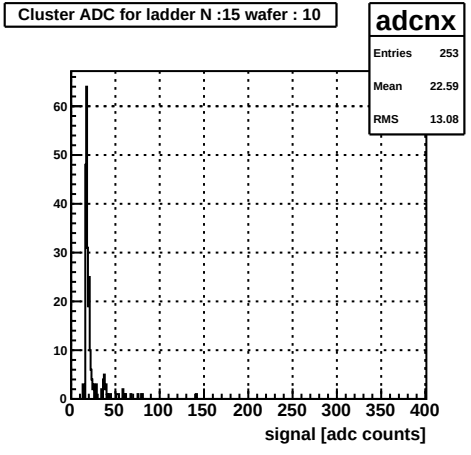

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 886
Mean 22.27
RMS 8.297
signal [adc counts]

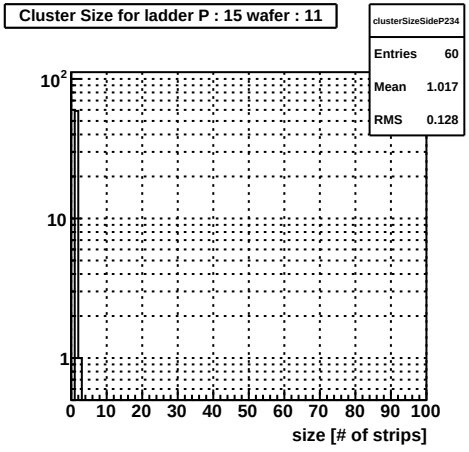

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 64
Mean 1
RMS 0
size [# of strips]

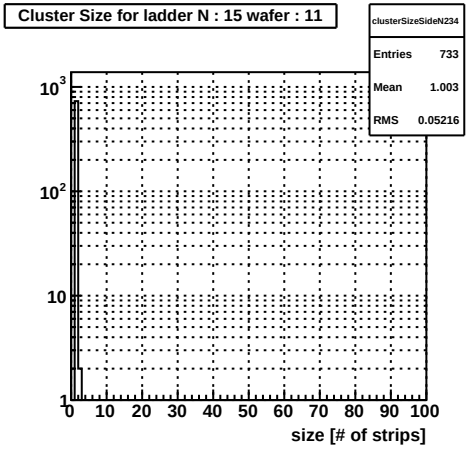

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 253
Mean 1.19
RMS 0.5793
size [# of strips]

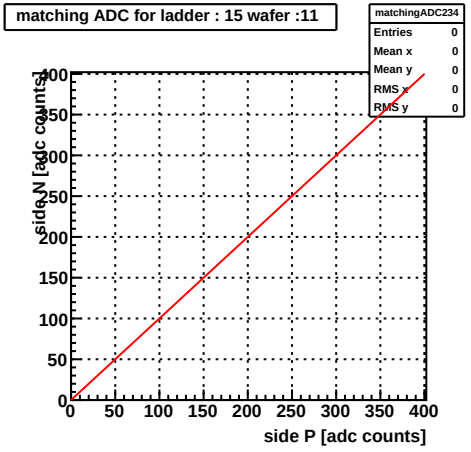

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

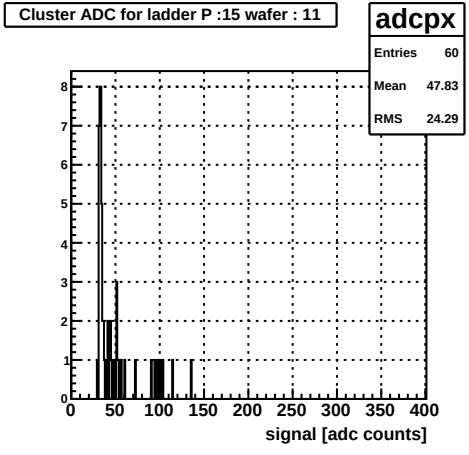

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 64
Mean 25.88
RMS 2.601
signal [adc counts]

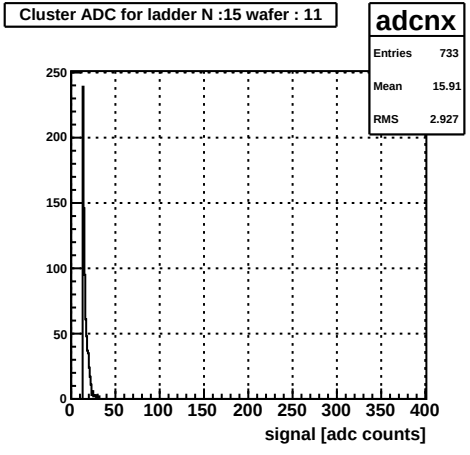

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 253
Mean 22.59
RMS 13.08
signal [adc counts]

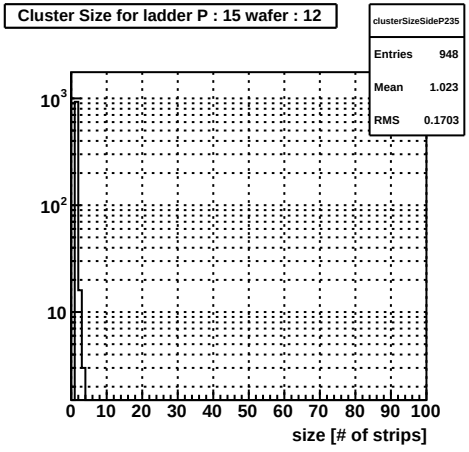

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 60
Mean 1.017
RMS 0.128
size [# of strips]

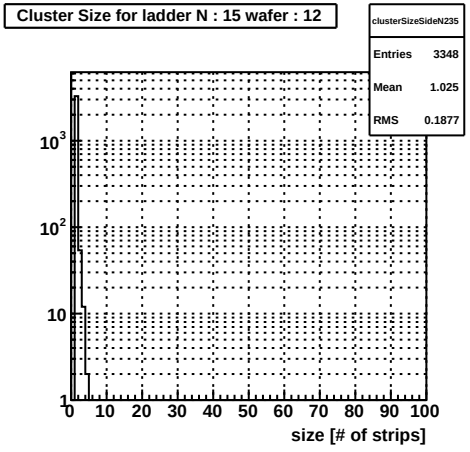

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 733
Mean 1.003
RMS 0.05216
size [# of strips]

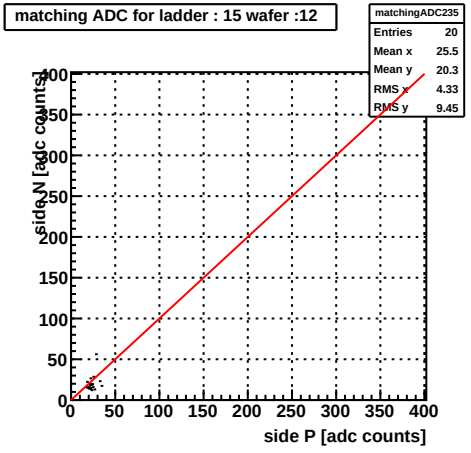

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

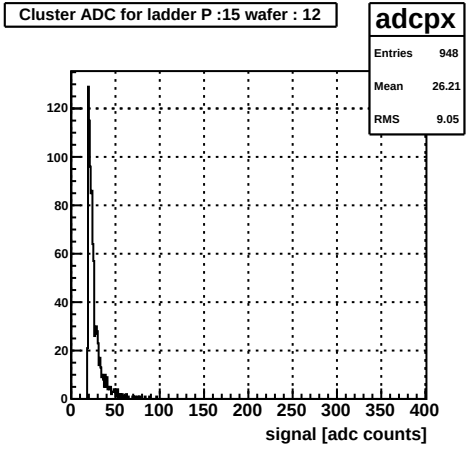

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 60
Mean 47.83
RMS 24.29
signal [adc counts]

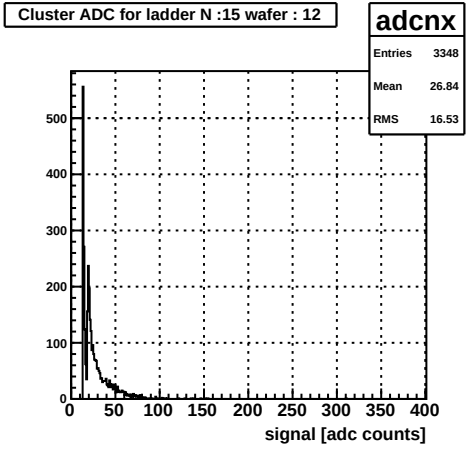

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 733
Mean 15.91
RMS 2.927
signal [adc counts]

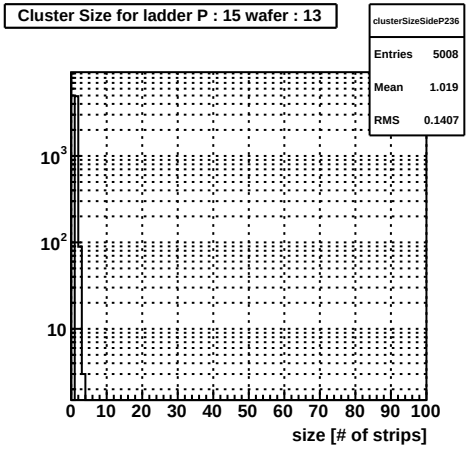

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 948
Mean 1.023
RMS 0.1703
size [# of strips]

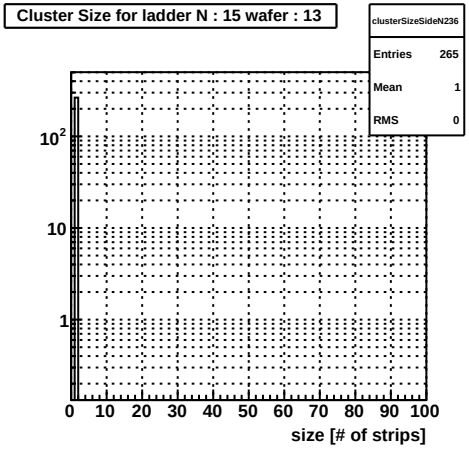

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3348
Mean 1.025
RMS 0.1877
size [# of strips]

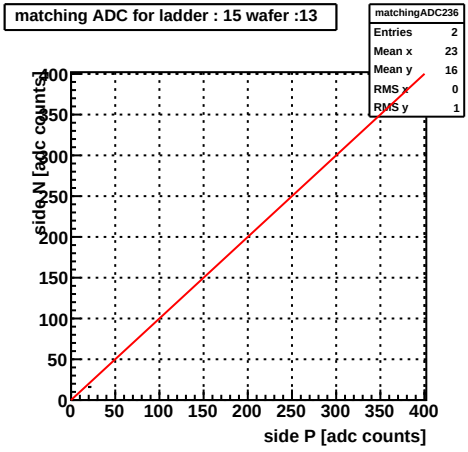

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 20
Mean x 25.5
Mean y 20.3
RMS x 4.33
RMS y 9.45
side N [adc counts]
side P [adc counts]

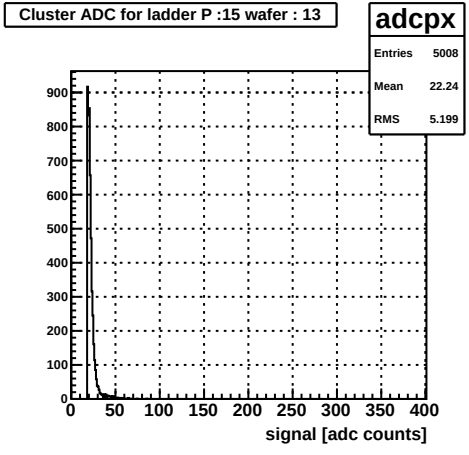

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 948
Mean 26.21
RMS 9.05
signal [adc counts]

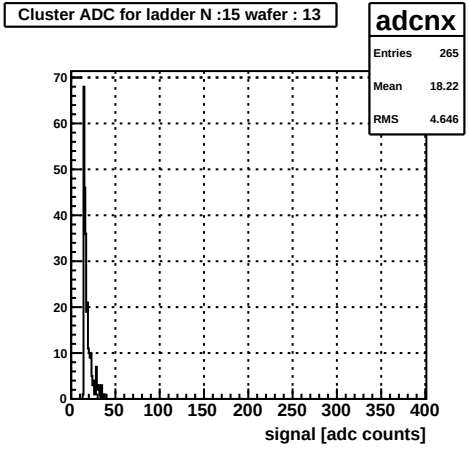

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3348
Mean 26.84
RMS 16.53
signal [adc counts]

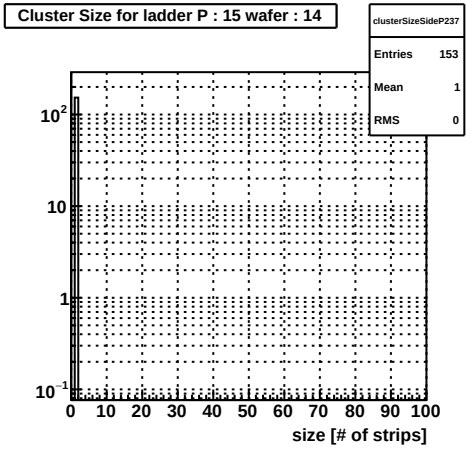

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5008
Mean 1.019
RMS 0.1407
size [# of strips]

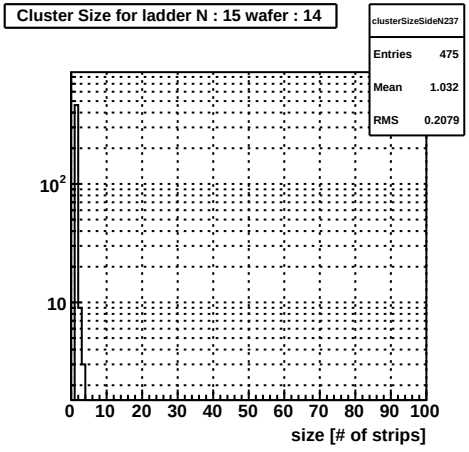

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 265
Mean 1
RMS 0
size [# of strips]

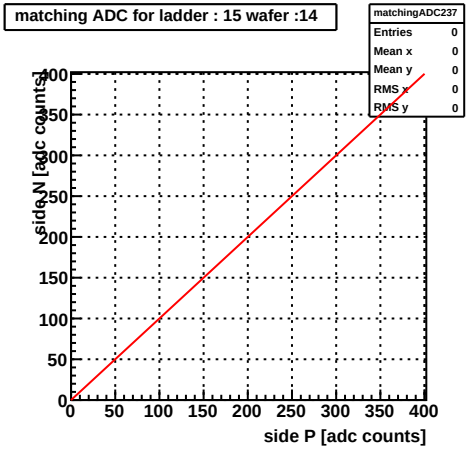

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 2
Mean x 23
Mean y 16
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

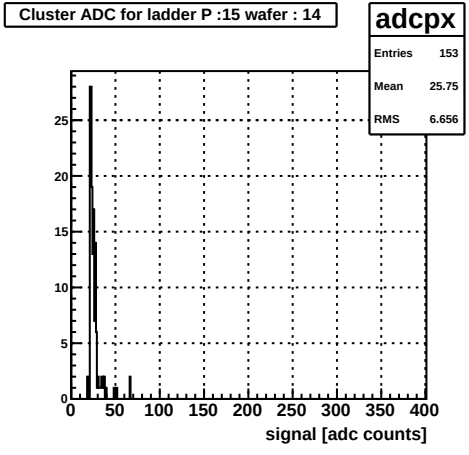

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5008
Mean 22.24
RMS 5.199
signal [adc counts]

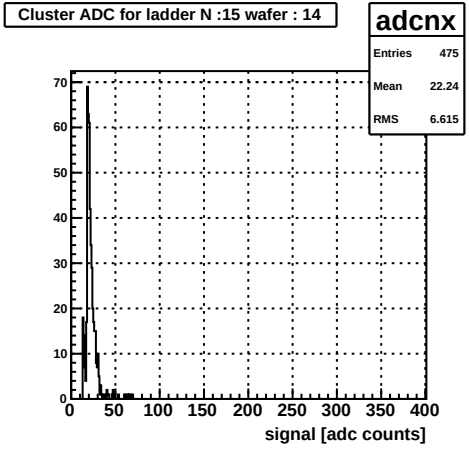

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 265
Mean 18.22
RMS 4.646
signal [adc counts]

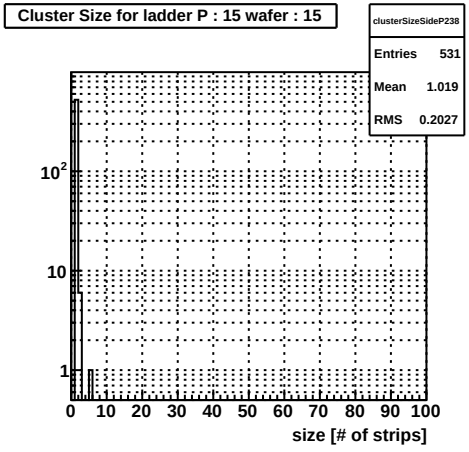

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 153
Mean 1
RMS 0
size [# of strips]

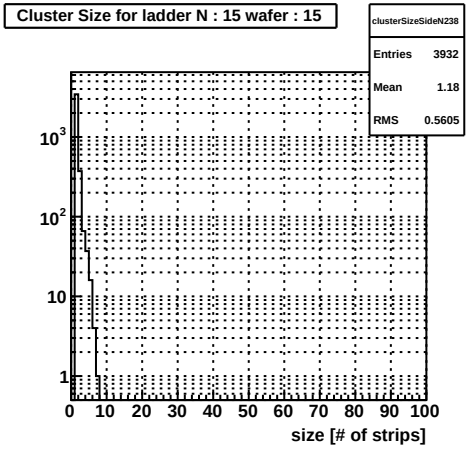

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 475
Mean 1.032
RMS 0.2079
size [# of strips]

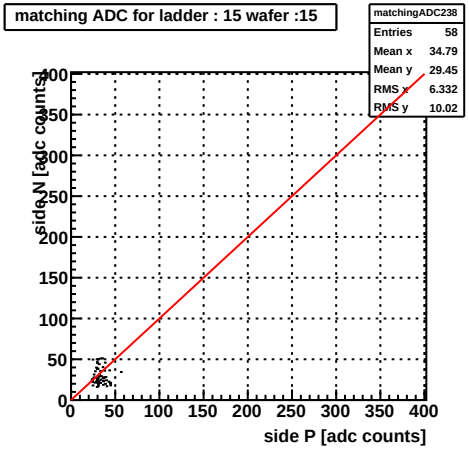

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

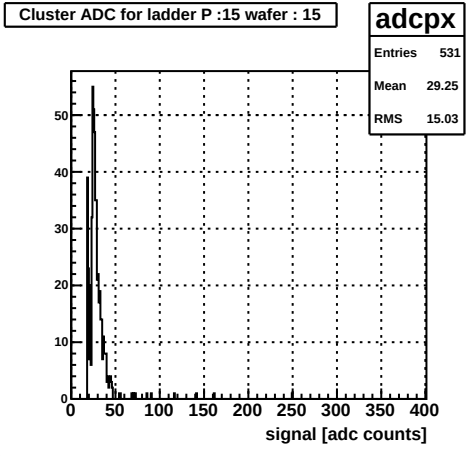

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 153
Mean 25.75
RMS 6.656
signal [adc counts]

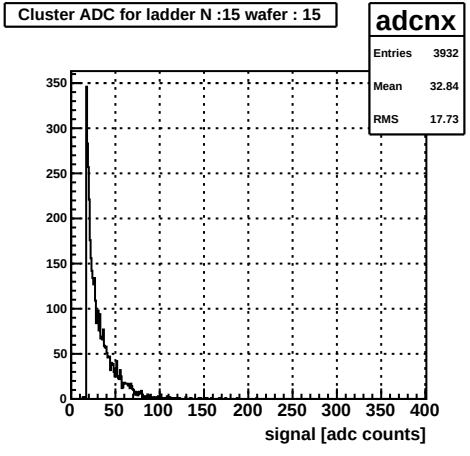

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 475
Mean 22.24
RMS 6.615
signal [adc counts]

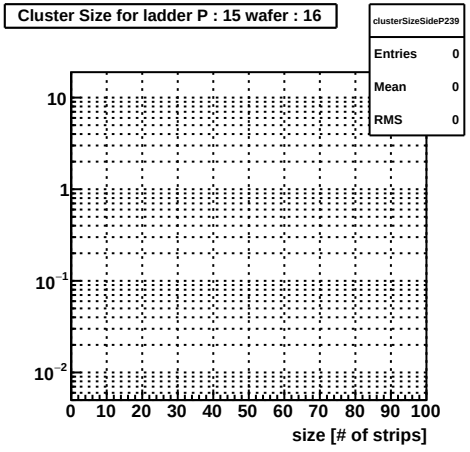

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 531
Mean 1.019
RMS 0.2027
size [# of strips]

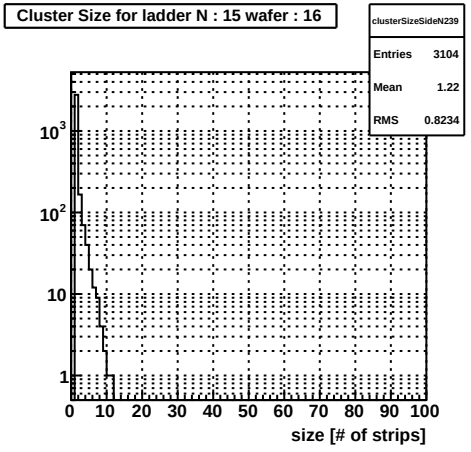

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3932
Mean 1.18
RMS 0.5605
size [# of strips]

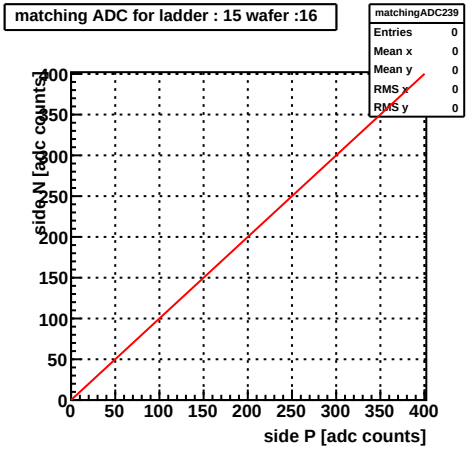

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 58
Mean x 34.79
Mean y 29.45
RMS x 6.332
RMS y 10.02
side N [adc counts]
side P [adc counts]

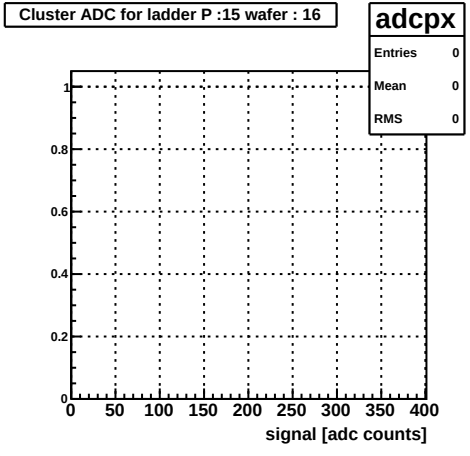

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 531
Mean 29.25
RMS 15.03
signal [adc counts]

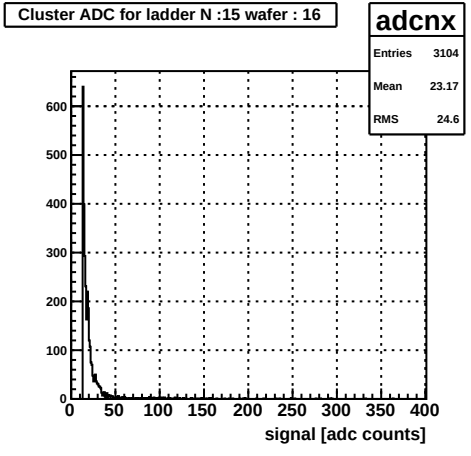

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3932
Mean 32.84
RMS 17.73
signal [adc counts]

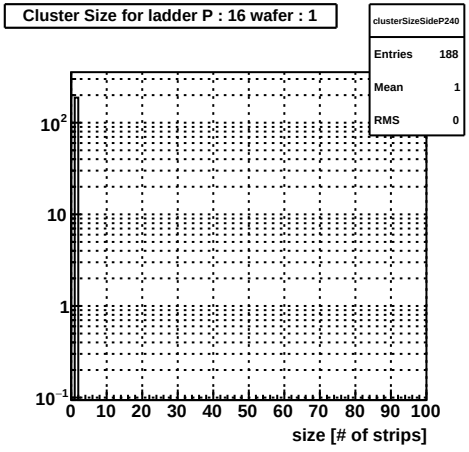

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

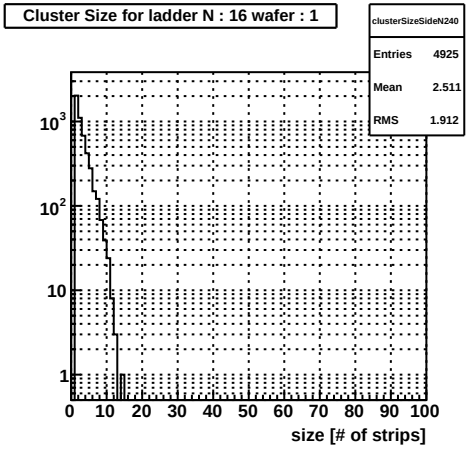

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3104
Mean 1.22
RMS 0.8234
size [# of strips]

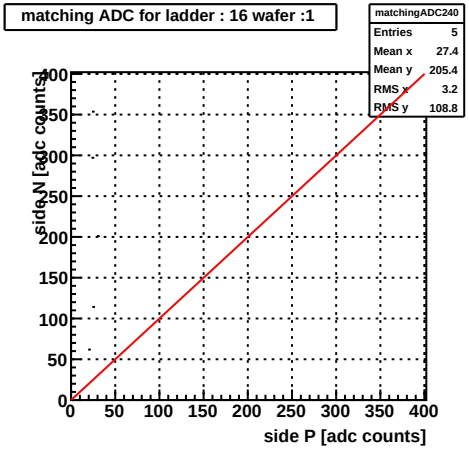

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

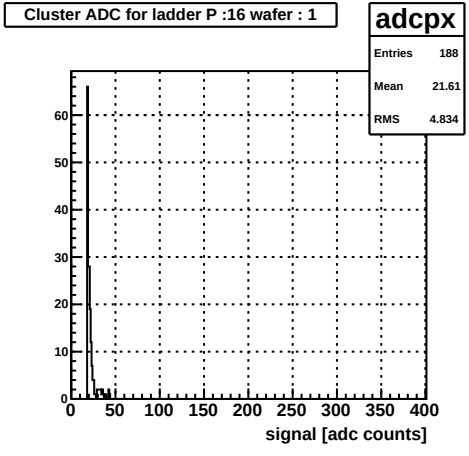

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

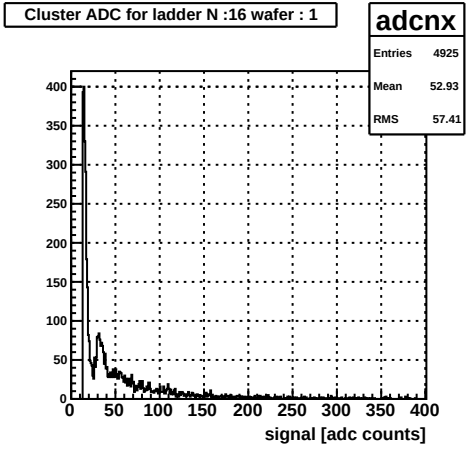

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3104
Mean 23.17
RMS 24.6
signal [adc counts]

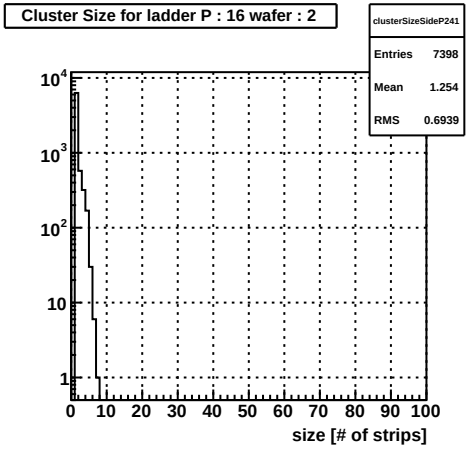

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 188
Mean 1
RMS 0
size [# of strips]

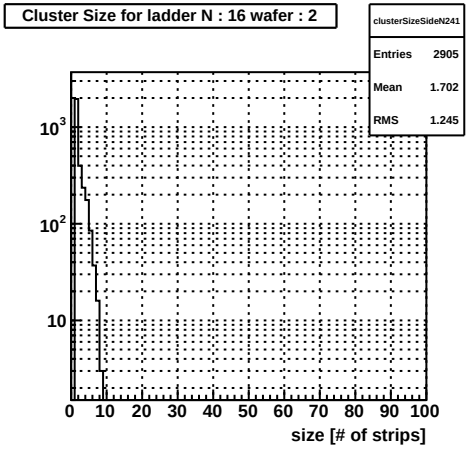

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4925
Mean 2.511
RMS 1.912
size [# of strips]

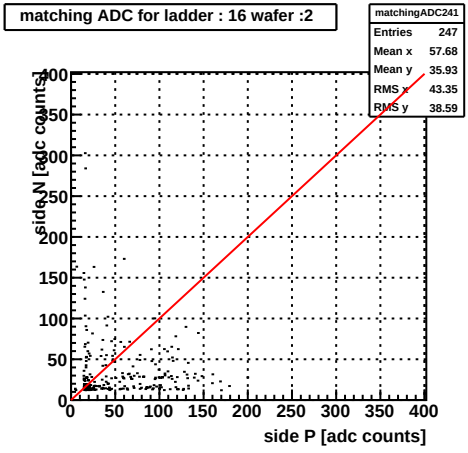

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 5
Mean x 27.4
Mean y 205.4
RMS x 3.2
RMS y 108.8
side N [adc counts]
side P [adc counts]

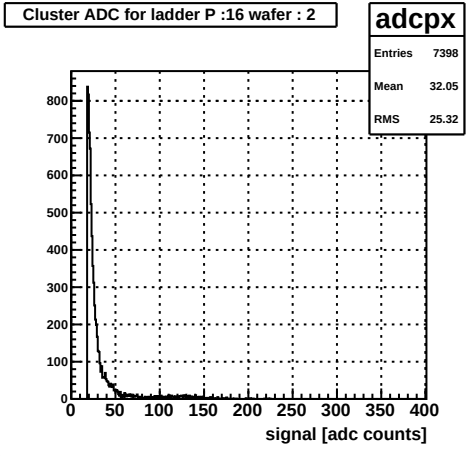

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 188
Mean 21.61
RMS 4.834
signal [adc counts]

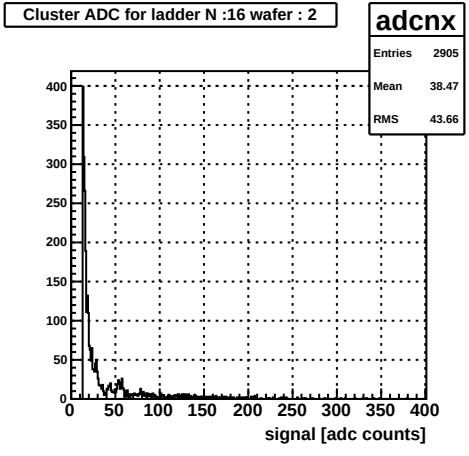

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4925
Mean 52.93
RMS 57.41
signal [adc counts]

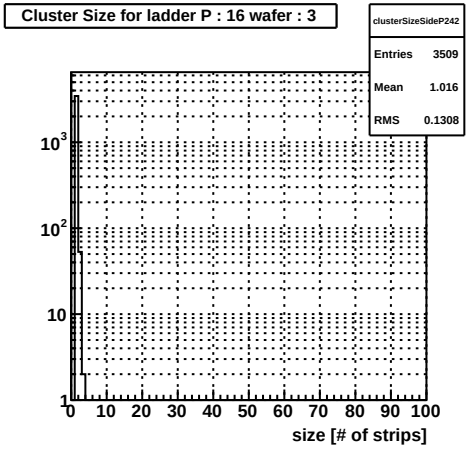

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 7398
Mean 1.254
RMS 0.6939
size [# of strips]

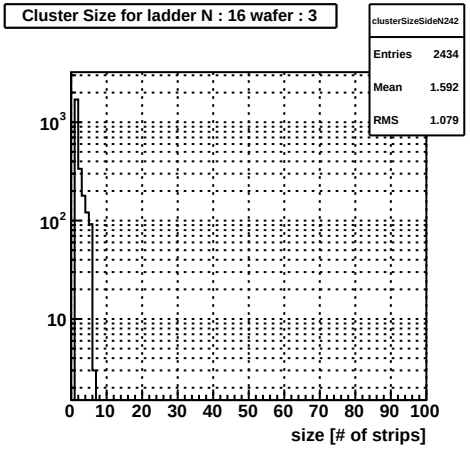

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2905
Mean 1.702
RMS 1.245
size [# of strips]

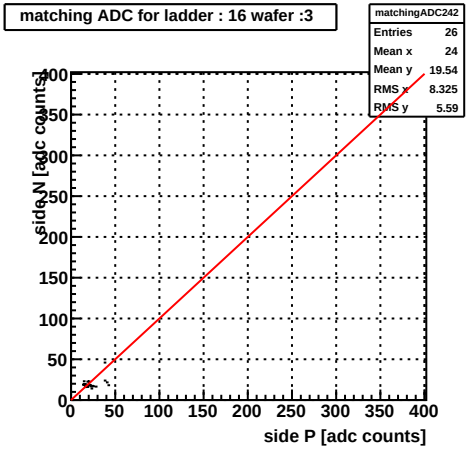

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 247
Mean x 57.68
Mean y 35.93
RMS x 43.35
RMS y 38.59
side N [adc counts]
side P [adc counts]

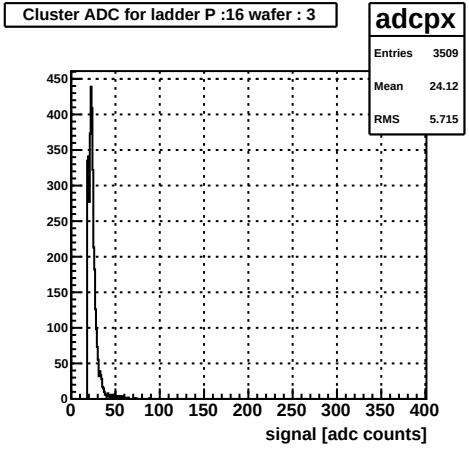

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 7398
Mean 32.05
RMS 25.32
signal [adc counts]

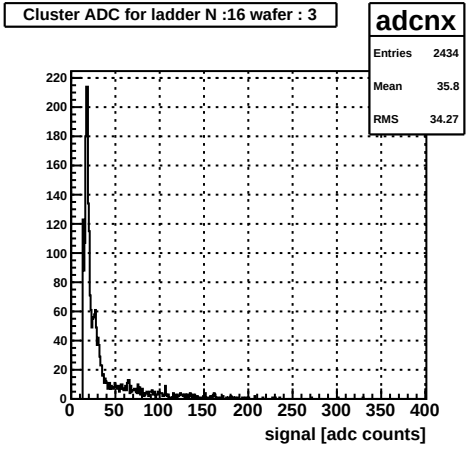

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2905
Mean 38.47
RMS 43.66
signal [adc counts]

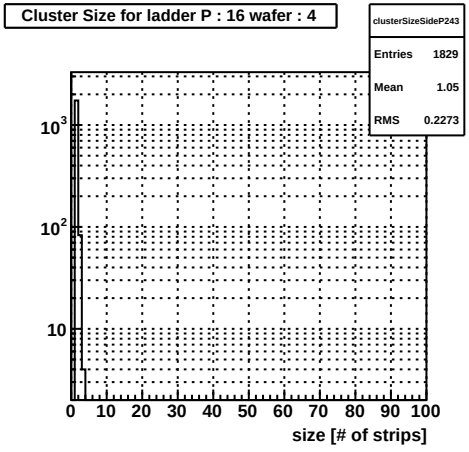

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3509
Mean 1.016
RMS 0.1308
size [# of strips]

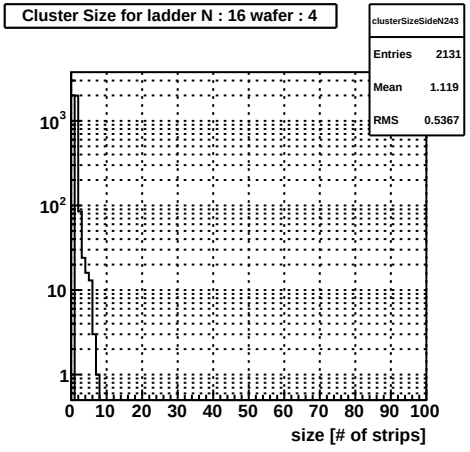

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 2434
Mean 1.592
RMS 1.079
size [# of strips]

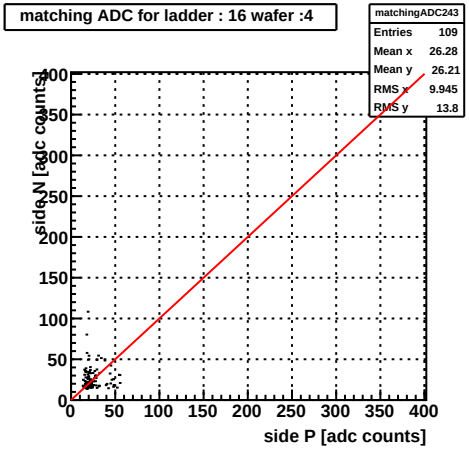

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 26
Mean x 24
Mean y 19.54
RMS x 8.325
RMS y 5.59
side N [adc counts]
side P [adc counts]

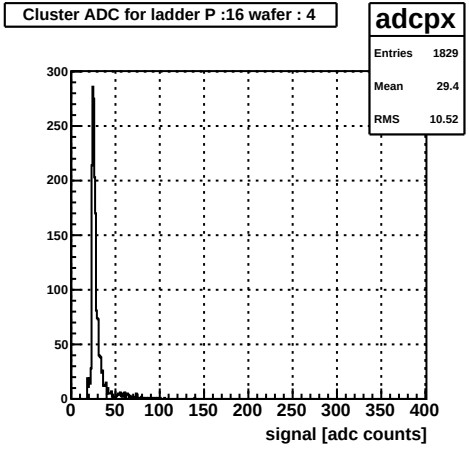

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3509
Mean 24.12
RMS 5.715
signal [adc counts]

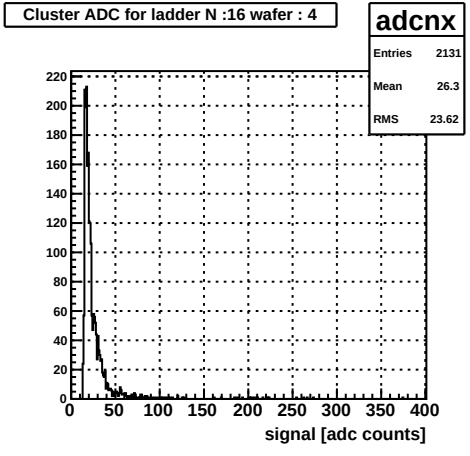

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 2434
Mean 35.8
RMS 34.27
signal [adc counts]

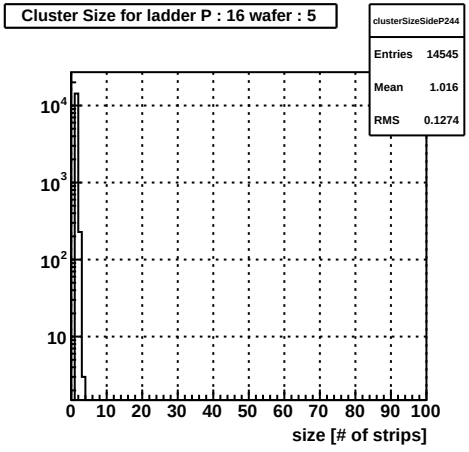

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1829
Mean 1.05
RMS 0.2273
size [# of strips]

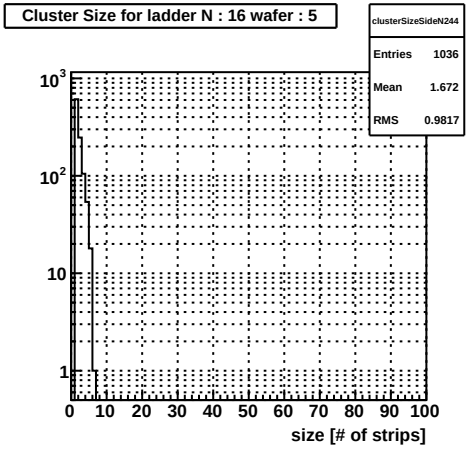

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2131
Mean 1.119
RMS 0.5367
size [# of strips]

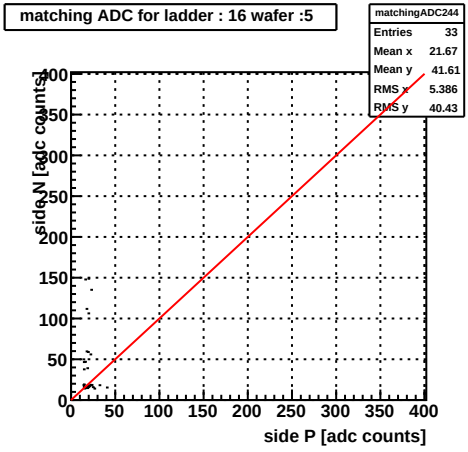

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 109
Mean x 26.28
Mean y 26.21
RMS x 9.945
RMS y 13.8
side N [adc counts]
side P [adc counts]

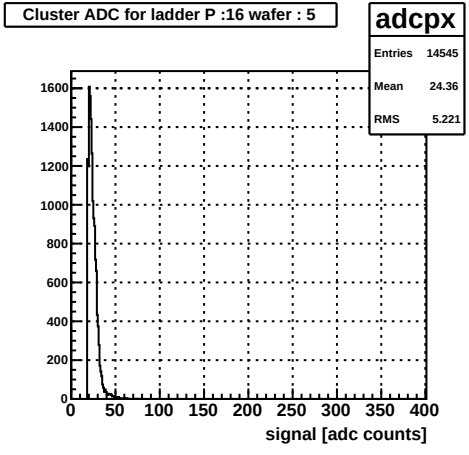

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1829
Mean 29.4
RMS 10.52
signal [adc counts]

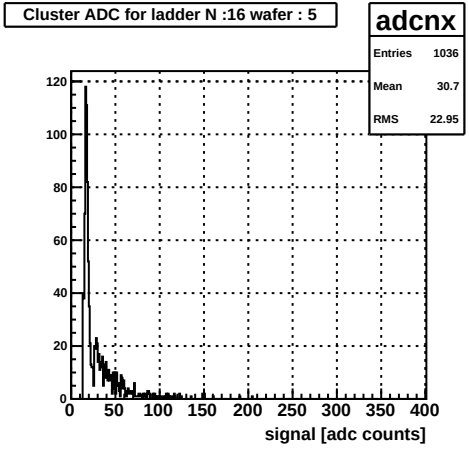

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2131
Mean 26.3
RMS 23.62
signal [adc counts]

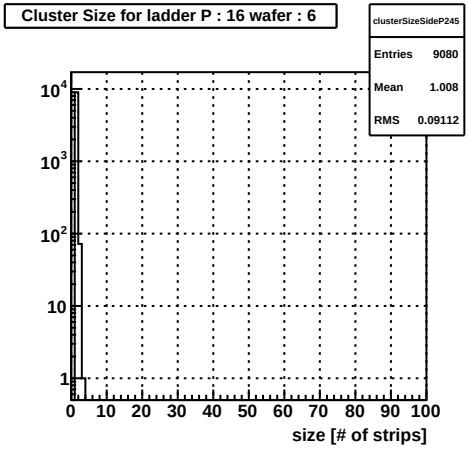

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14545
Mean 1.016
RMS 0.1274
size [# of strips]

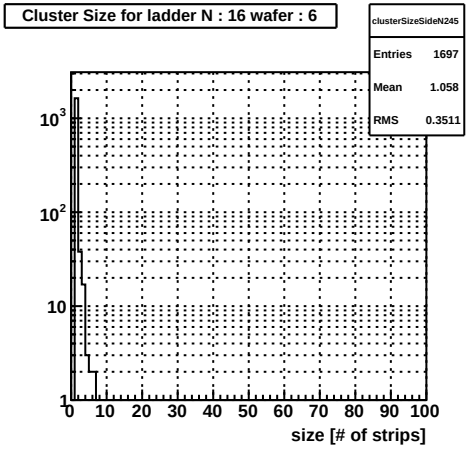

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1036
Mean 1.672
RMS 0.9817
size [# of strips]

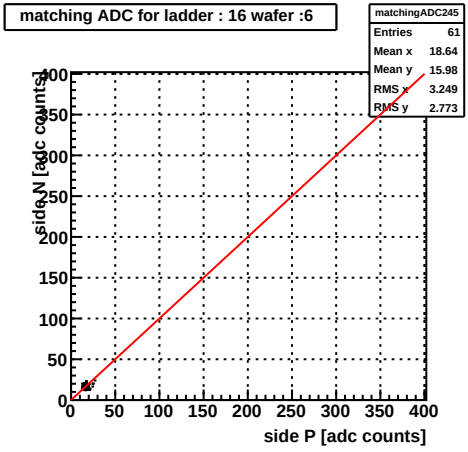

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 33
Mean x 21.67
Mean y 41.61
RMS x 5.386
RMS y 40.43
side N [adc counts]
side P [adc counts]

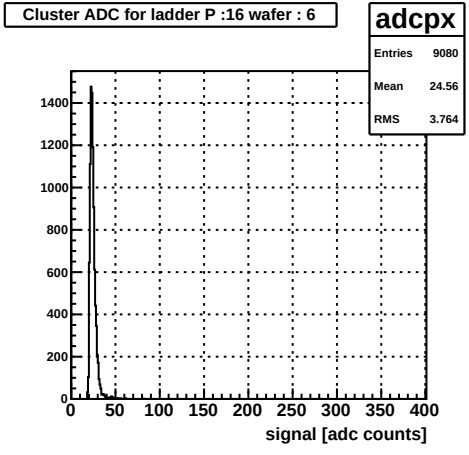

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14545
Mean 24.36
RMS 5.221
signal [adc counts]

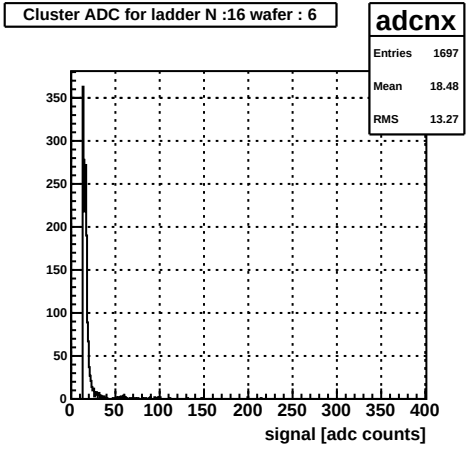

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1036
Mean 30.7
RMS 22.95
signal [adc counts]

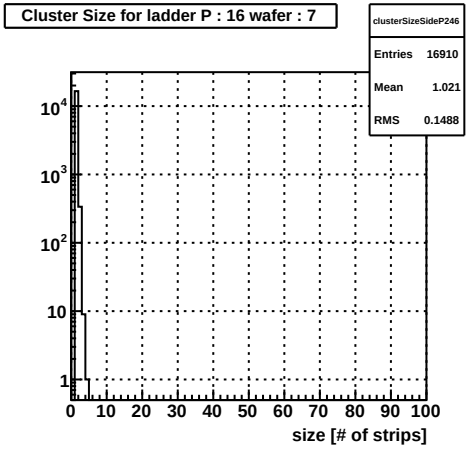

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9080
Mean 1.008
RMS 0.09112
size [# of strips]

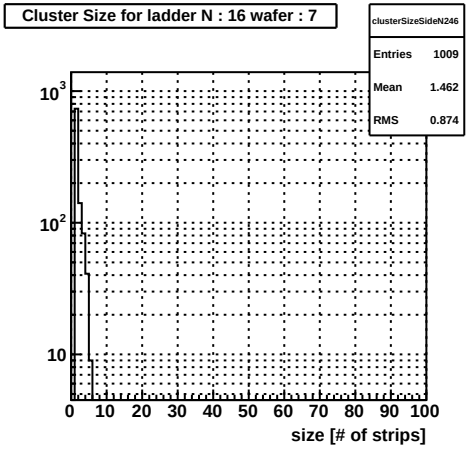

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1697
Mean 1.058
RMS 0.3511
size [# of strips]

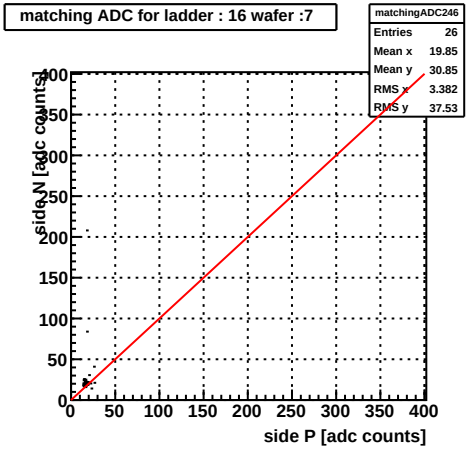

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 61
Mean x 18.64
Mean y 15.98
RMS x 3.249
RMS y 2.773
side N [adc counts]
side P [adc counts]

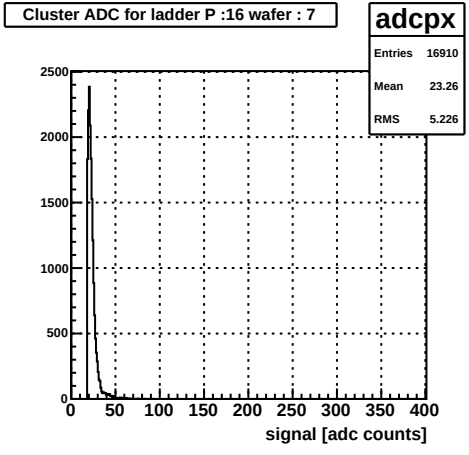

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9080
Mean 24.56
RMS 3.764
signal [adc counts]

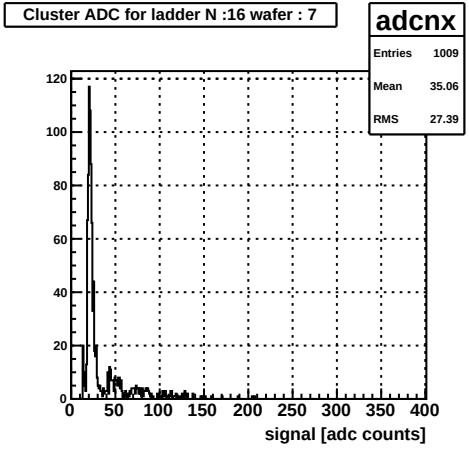

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1697
Mean 18.48
RMS 13.27
signal [adc counts]

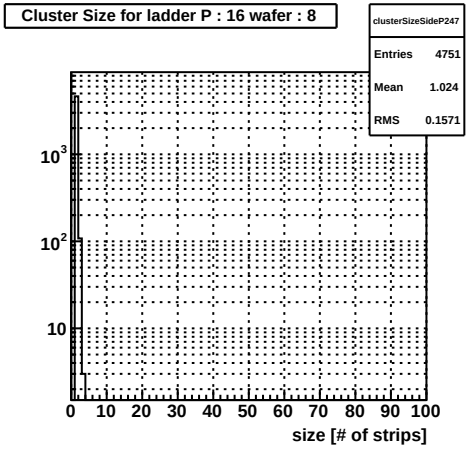

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 16910
Mean 1.021
RMS 0.1488
size [# of strips]

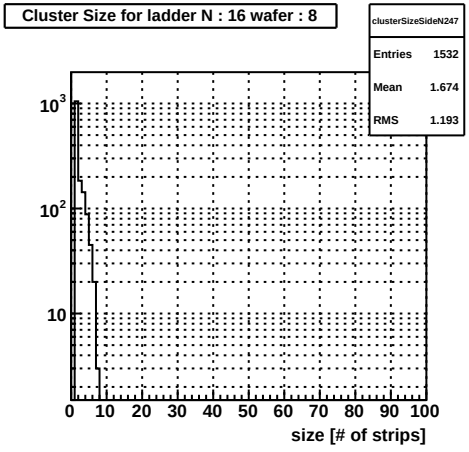

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1009
Mean 1.462
RMS 0.874
size [# of strips]

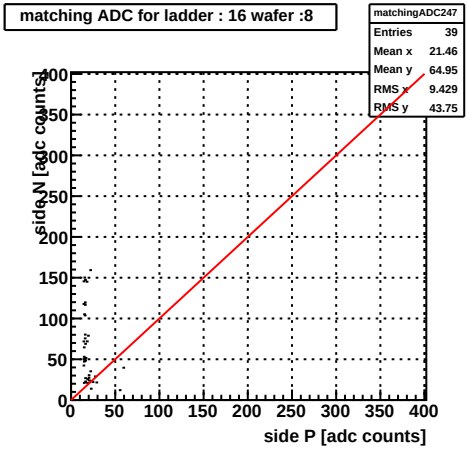

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 26
Mean x 19.85
Mean y 30.85
RMS x 3.382
RMS y 37.53
side N [adc counts]
side P [adc counts]

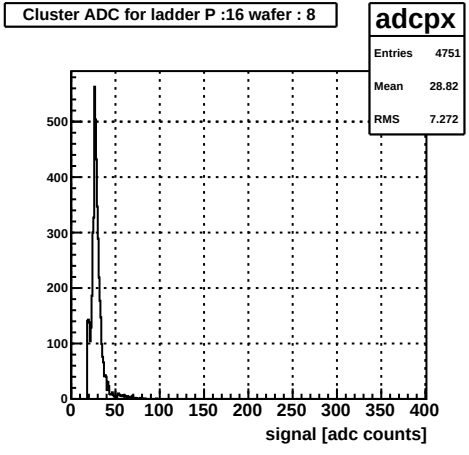

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 16910
Mean 23.26
RMS 5.226
signal [adc counts]

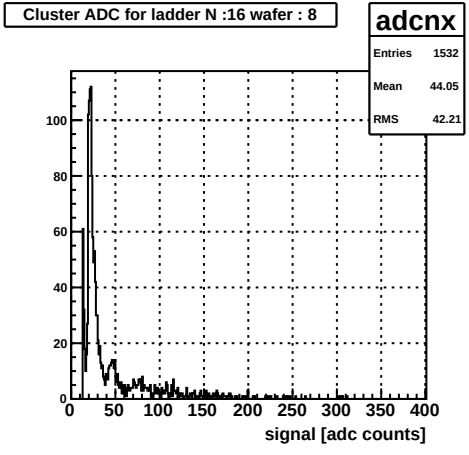

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1009
Mean 35.06
RMS 27.39
signal [adc counts]

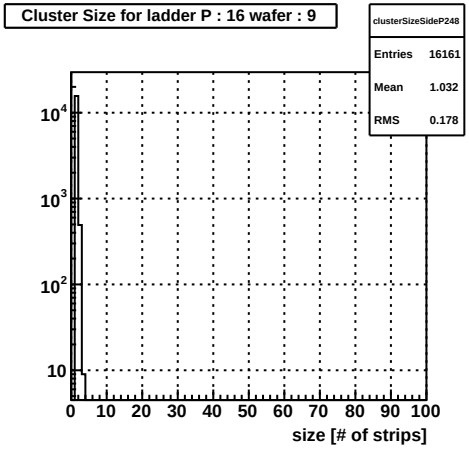

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 4751
Mean 1.024
RMS 0.1571
size [# of strips]

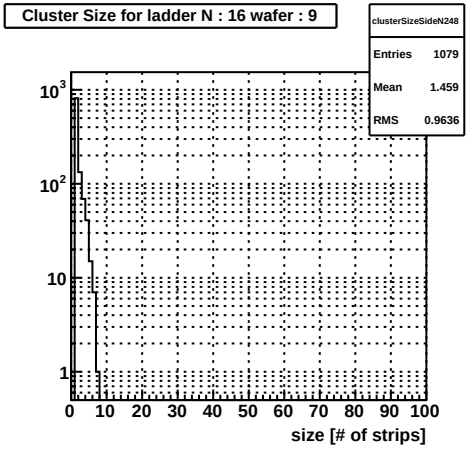

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1532
Mean 1.674
RMS 1.193
size [# of strips]

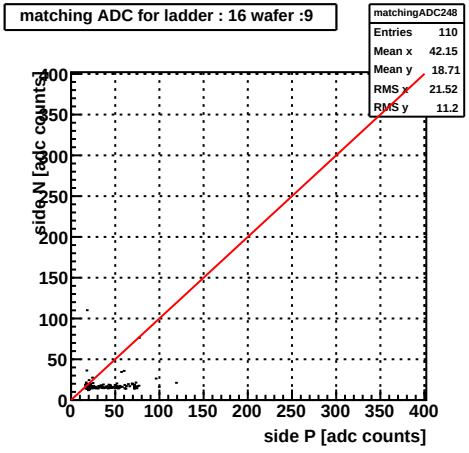

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 39
Mean x 21.46
Mean y 64.95
RMS x 9.429
RMS y 43.75
side N [adc counts]
side P [adc counts]

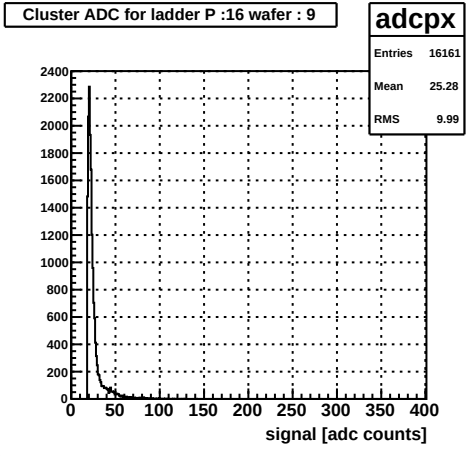

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 4751
Mean 28.82
RMS 7.272
signal [adc counts]

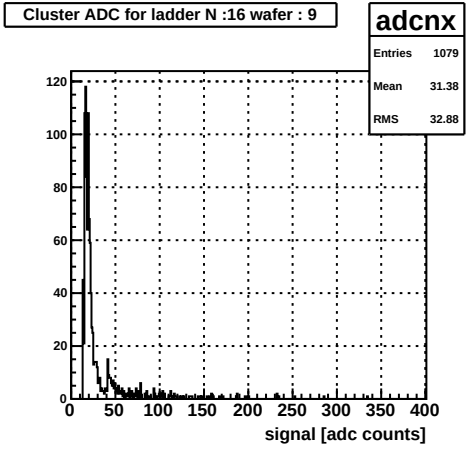

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1532
Mean 44.05
RMS 42.21
signal [adc counts]

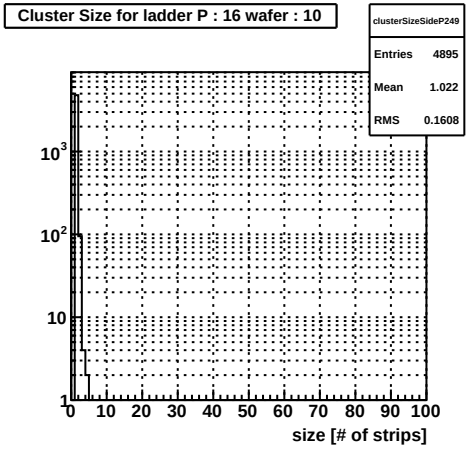

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 16161
Mean 1.032
RMS 0.178
size [# of strips]

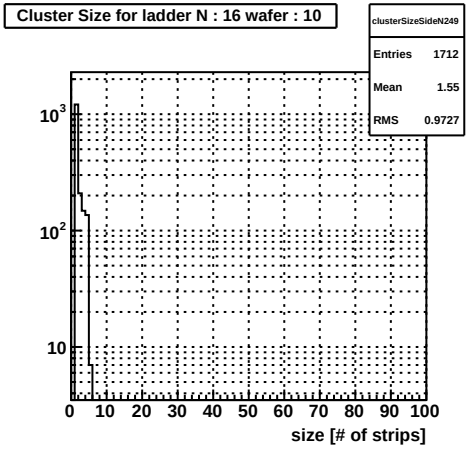

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1079
Mean 1.459
RMS 0.9636
size [# of strips]

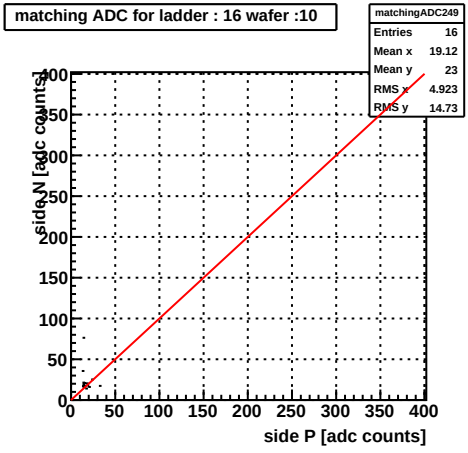

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 110
Mean x 42.15
Mean y 18.71
RMS x 21.52
RMS y 11.2
side N [adc counts]
side P [adc counts]

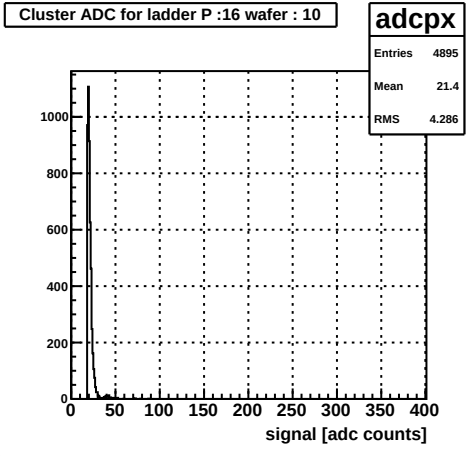

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 16161
Mean 25.28
RMS 9.99
signal [adc counts]

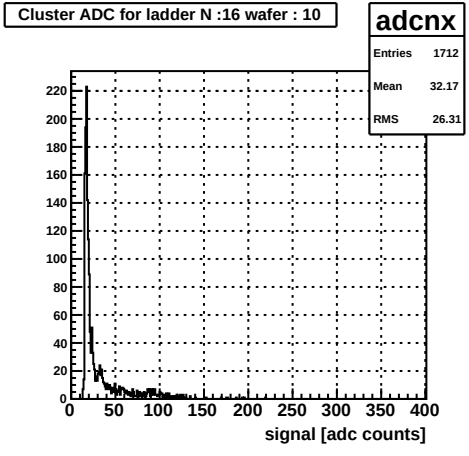

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1079
Mean 31.38
RMS 32.88
signal [adc counts]

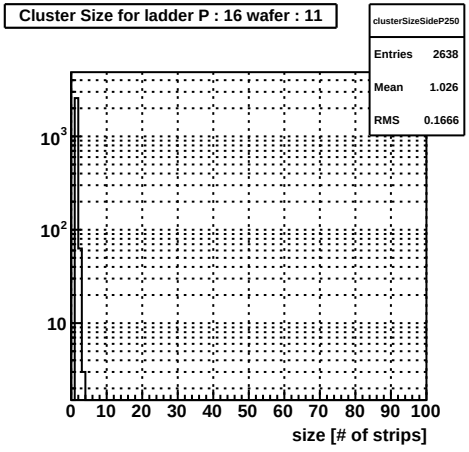

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4895
Mean 1.022
RMS 0.1608
size [# of strips]

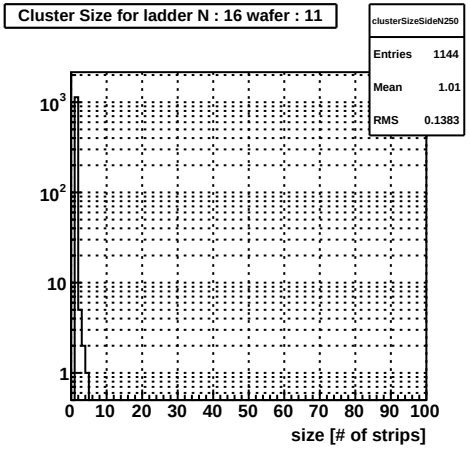

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1712
Mean 1.55
RMS 0.9727
size [# of strips]

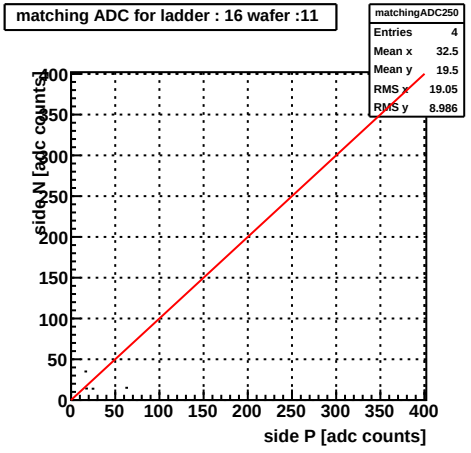

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 16
Mean x 19.12
Mean y 23
RMS x 4.923
RMS y 14.73
side N [adc counts]
side P [adc counts]

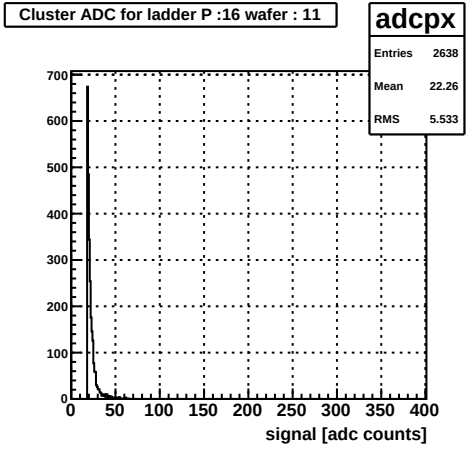

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4895
Mean 21.4
RMS 4.286
signal [adc counts]

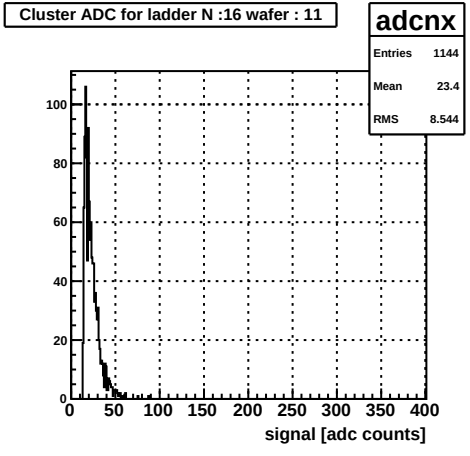

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1712
Mean 32.17
RMS 26.31
signal [adc counts]

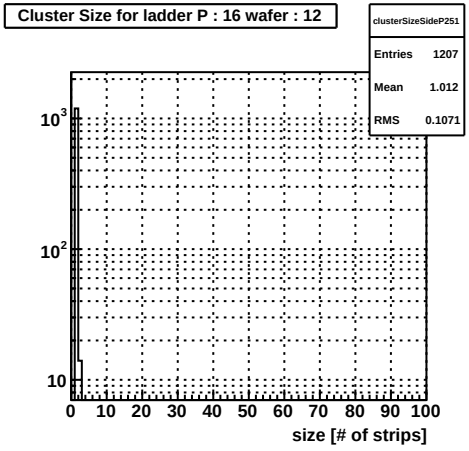

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2638
Mean 1.026
RMS 0.1666
size [# of strips]

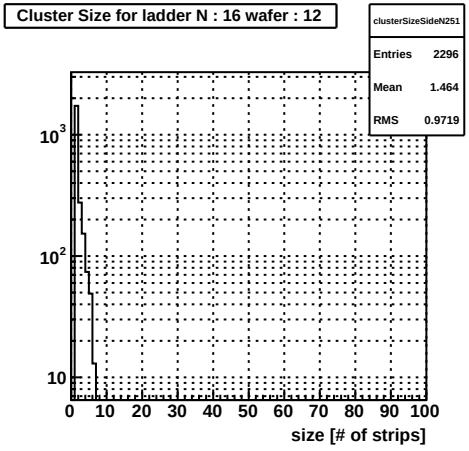

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1144
Mean 1.01
RMS 0.1383
size [# of strips]

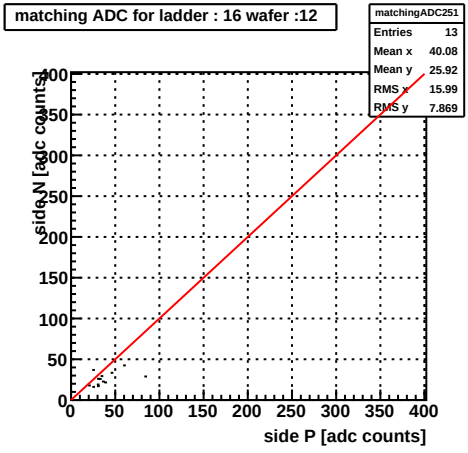

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 4
Mean x 32.5
Mean y 19.5
RMS x 19.05
RMS y 8.986
side N [adc counts]
side P [adc counts]

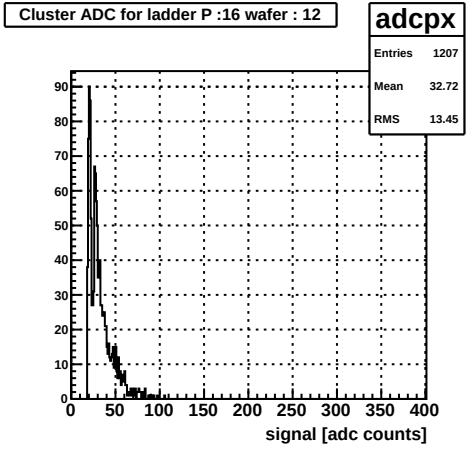

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2638
Mean 22.26
RMS 5.533
signal [adc counts]

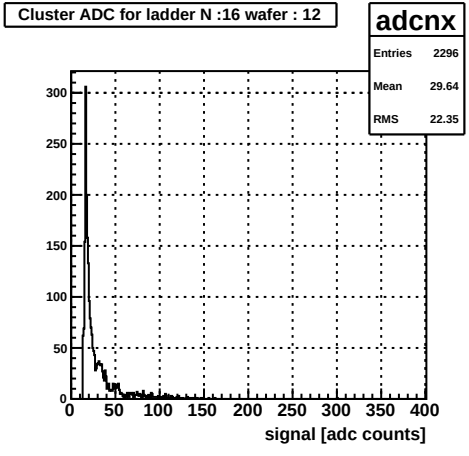

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1144
Mean 23.4
RMS 8.544
signal [adc counts]

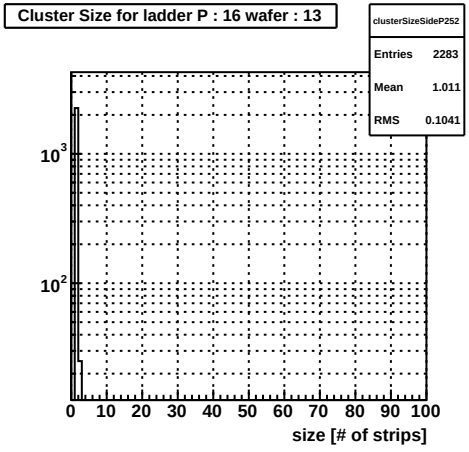

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1207
Mean 1.012
RMS 0.1071
size [# of strips]

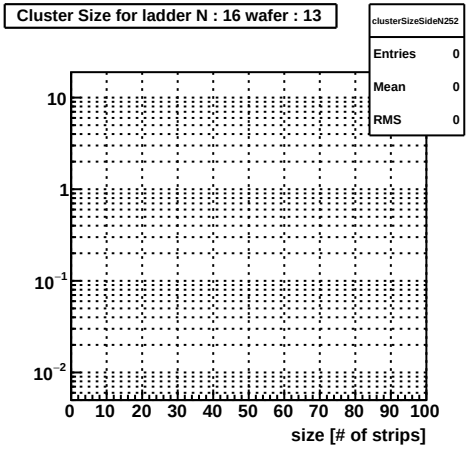

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2296
Mean 1.464
RMS 0.9719
size [# of strips]

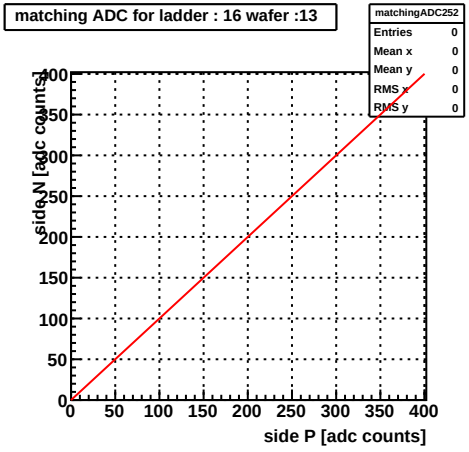

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 13
Mean x 40.08
Mean y 25.92
RMS x 15.99
RMS y 7.869
side N [adc counts]
side P [adc counts]

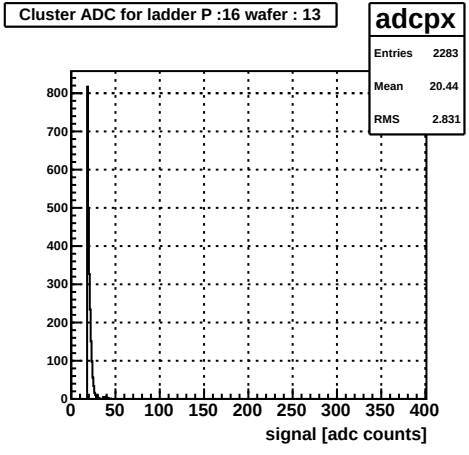

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1207
Mean 32.72
RMS 13.45
signal [adc counts]

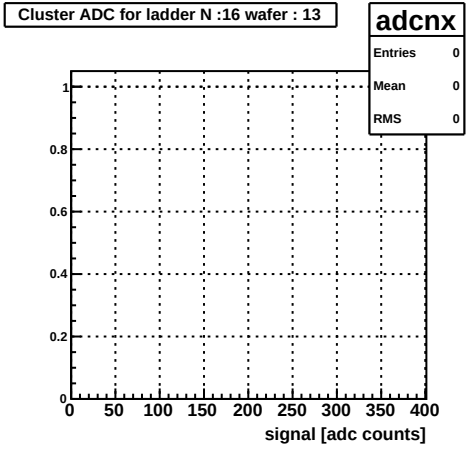

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2296
Mean 29.64
RMS 22.35
signal [adc counts]

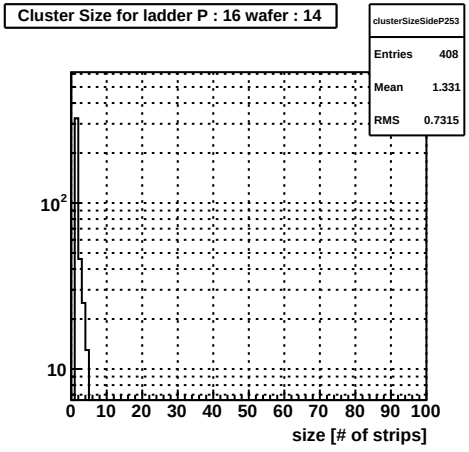

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2283
Mean 1.011
RMS 0.1041
size [# of strips]

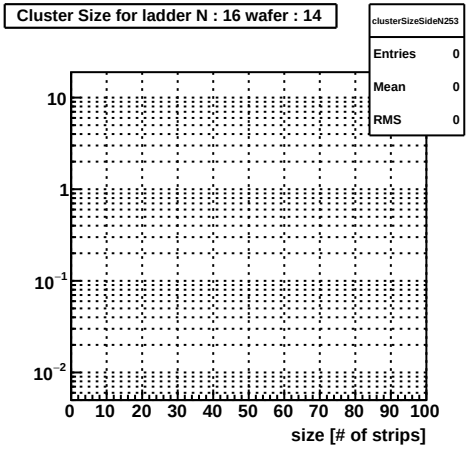

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

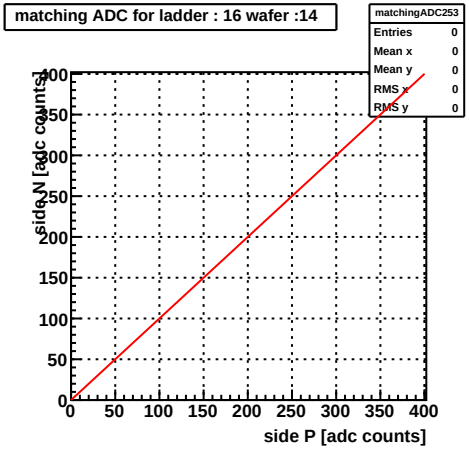

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

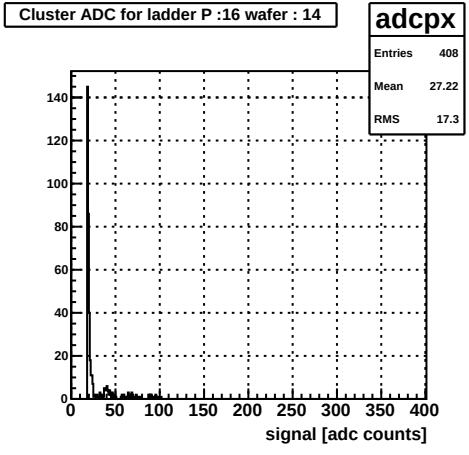

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2283
Mean 20.44
RMS 2.831
signal [adc counts]

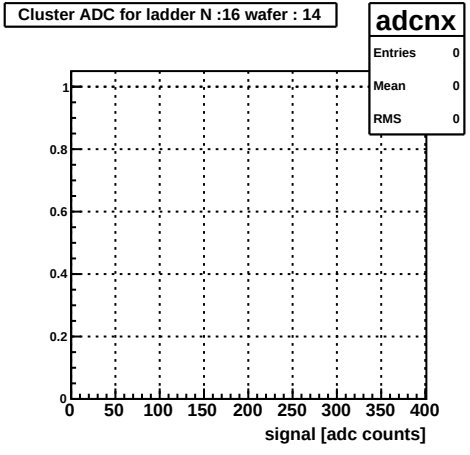

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

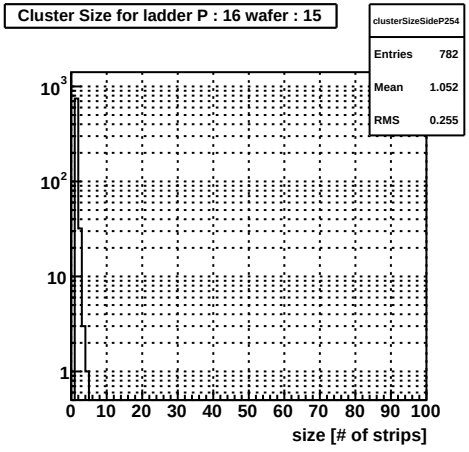

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 408
Mean 1.331
RMS 0.7315
size [# of strips]

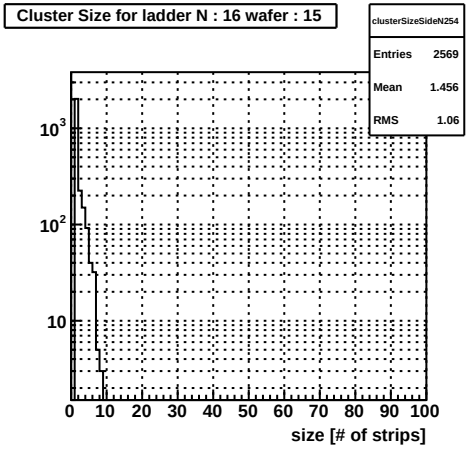

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

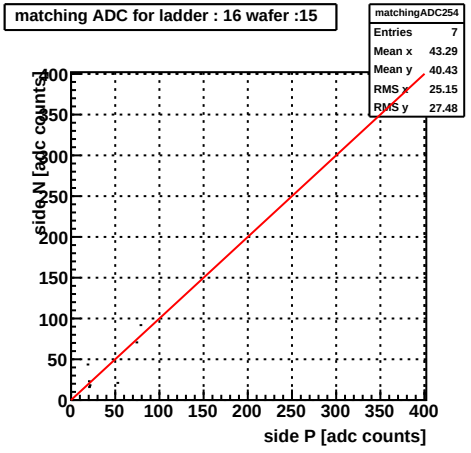

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

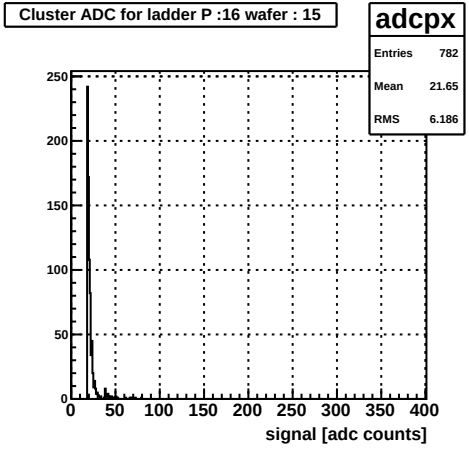

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 408
Mean 27.22
RMS 17.3
signal [adc counts]

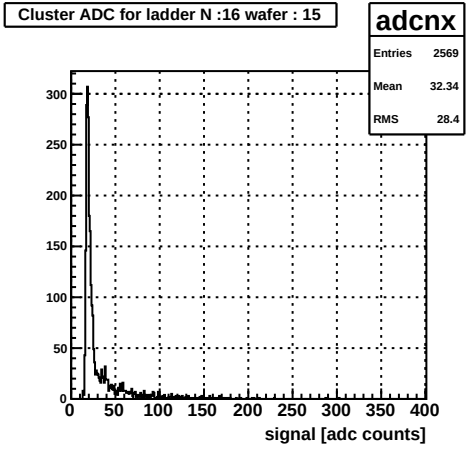

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

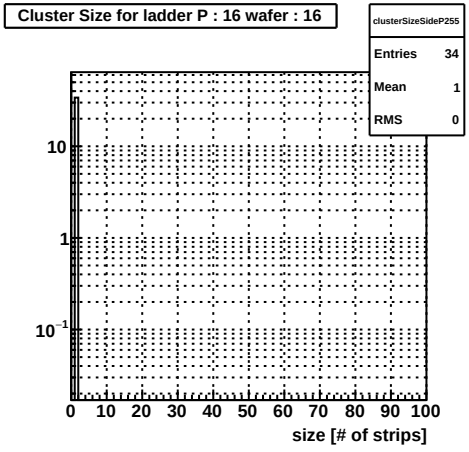

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 782
Mean 1.052
RMS 0.255
size [# of strips]

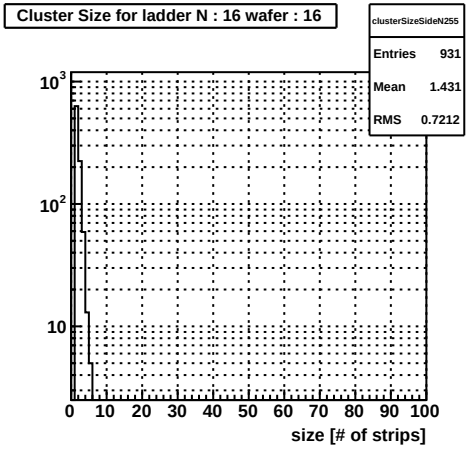

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2569
Mean 1.456
RMS 1.06
size [# of strips]

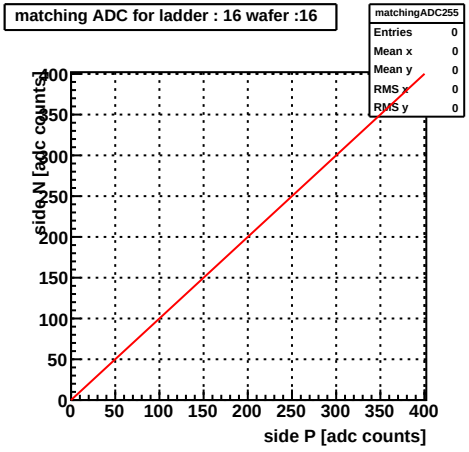

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 7
Mean x 43.29
Mean y 40.43
RMS x 25.15
RMS y 27.48
side N [adc counts]
side P [adc counts]

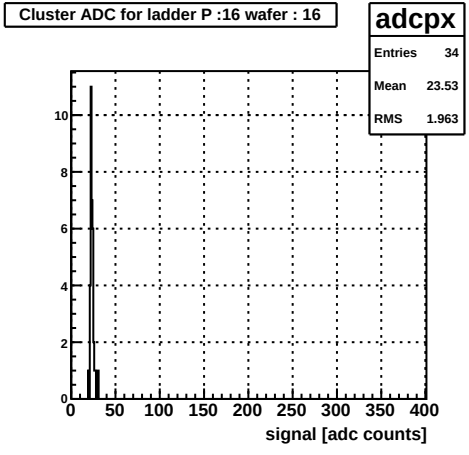

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 782
Mean 21.65
RMS 6.186
signal [adc counts]

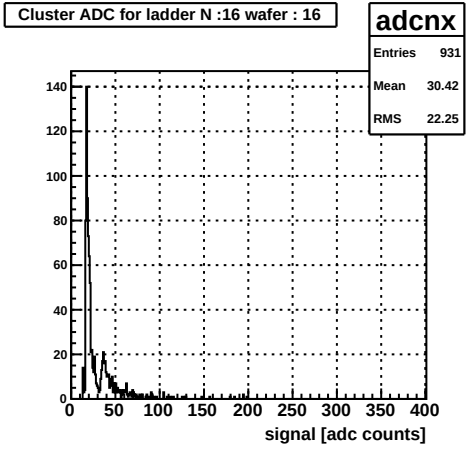

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2569
Mean 32.34
RMS 28.4
signal [adc counts]

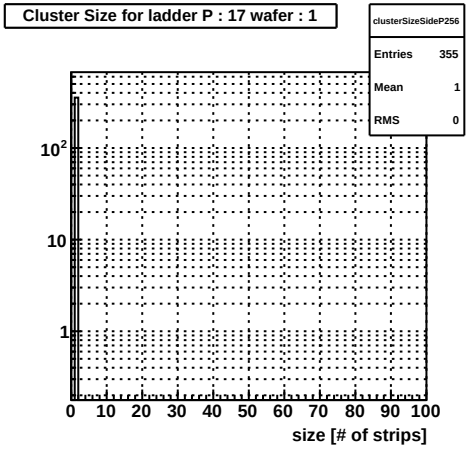

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 34
Mean 1
RMS 0
size [# of strips]

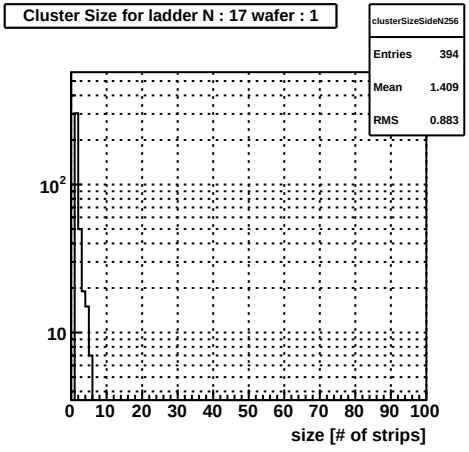

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 931
Mean 1.431
RMS 0.7212
size [# of strips]

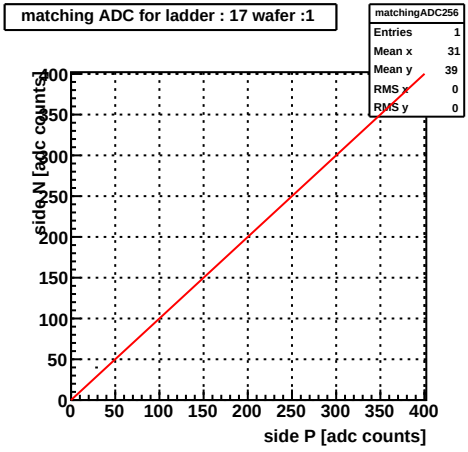

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

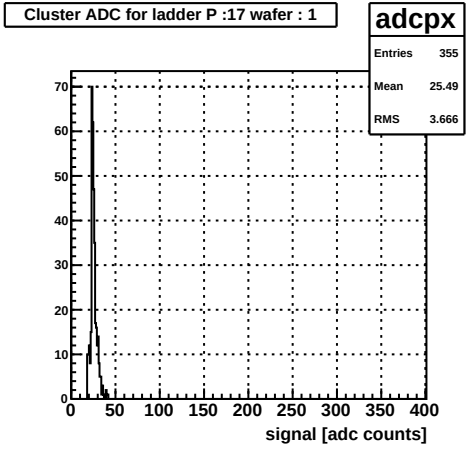

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 34
Mean 23.53
RMS 1.963
signal [adc counts]

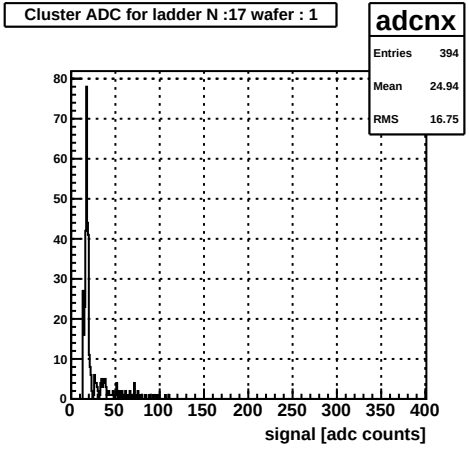

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 931
Mean 30.42
RMS 22.25
signal [adc counts]

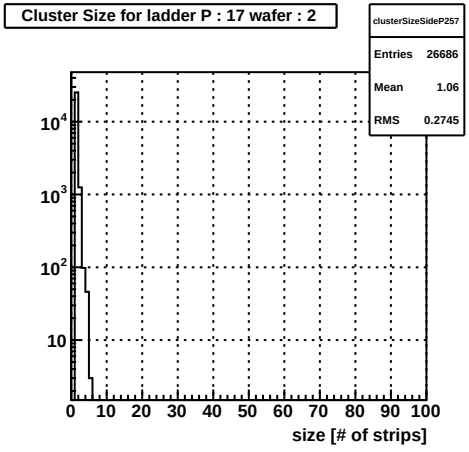

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 355
Mean 1
RMS 0
size [# of strips]

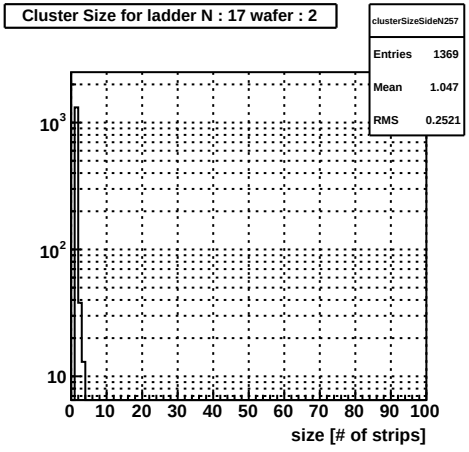

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 394
Mean 1.409
RMS 0.883
size [# of strips]

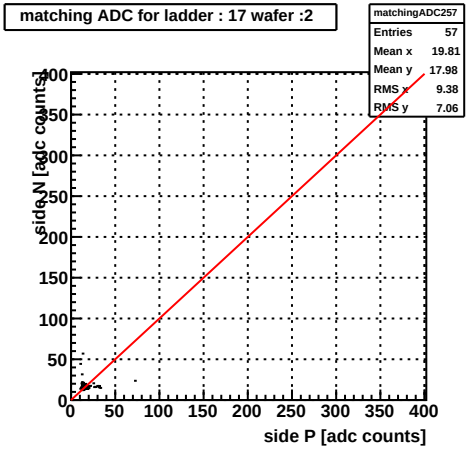

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1
Mean x 31
Mean y 39
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

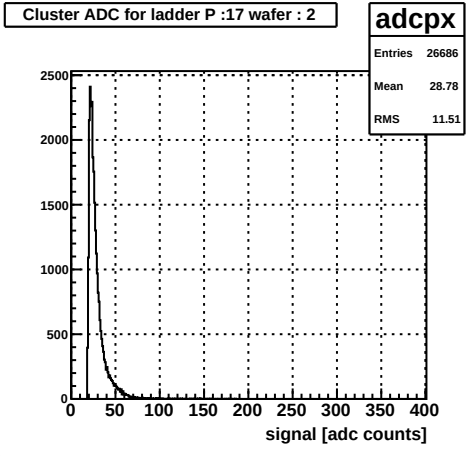

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 355
Mean 25.49
RMS 3.666
signal [adc counts]

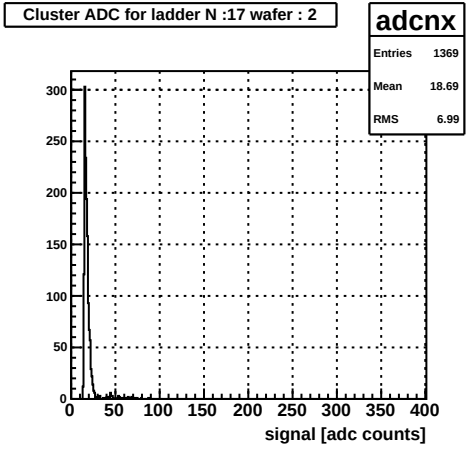

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 394
Mean 24.94
RMS 16.75
signal [adc counts]

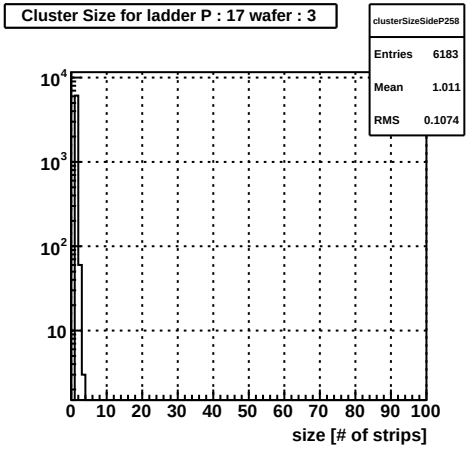

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 26686
Mean 1.06
RMS 0.2745
size [# of strips]

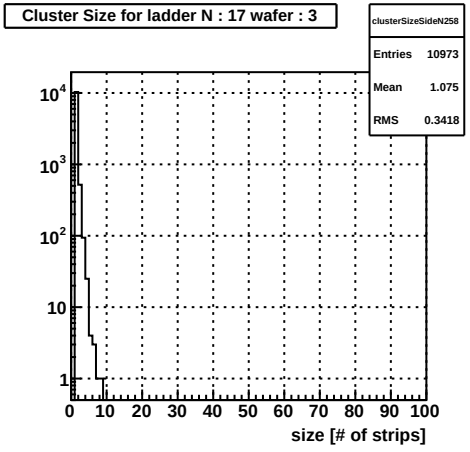

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 1369
Mean 1.047
RMS 0.2521
size [# of strips]

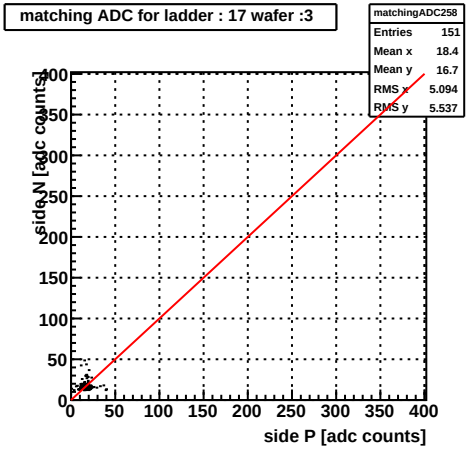

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 57
Mean x 19.81
Mean y 17.98
RMS x 9.38
RMS y 7.06
side N [adc counts]
side P [adc counts]

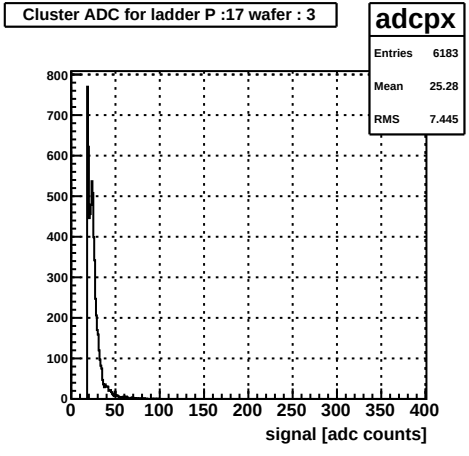

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 26686
Mean 28.78
RMS 11.51
signal [adc counts]

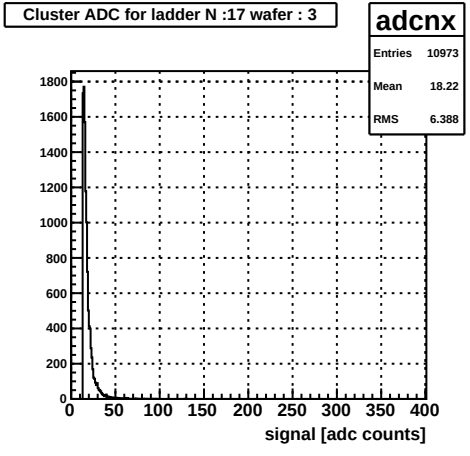

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 1369
Mean 18.69
RMS 6.99
signal [adc counts]

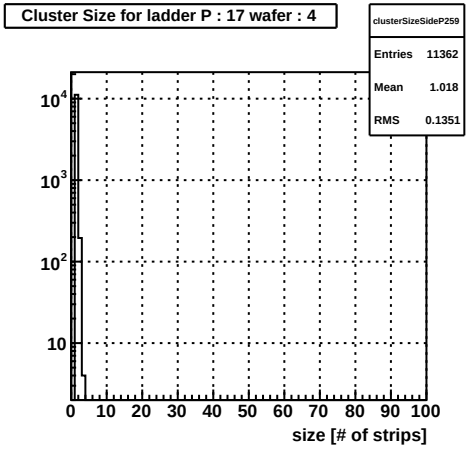

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6183
Mean 1.011
RMS 0.1074
size [# of strips]

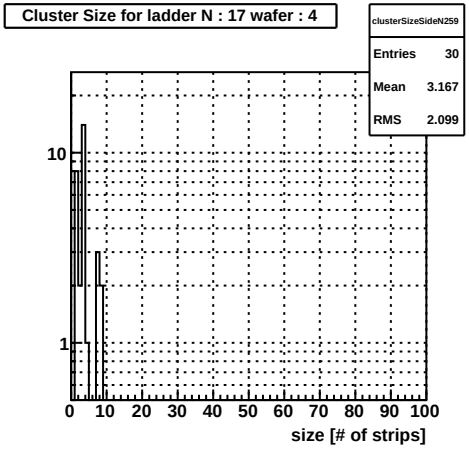

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10973
Mean 1.075
RMS 0.3418
size [# of strips]

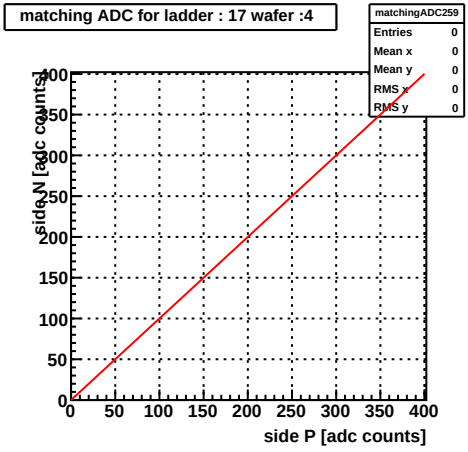

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 151
Mean x 18.4
Mean y 16.7
RMS x 5.094
RMS y 5.537
side N [adc counts]
side P [adc counts]

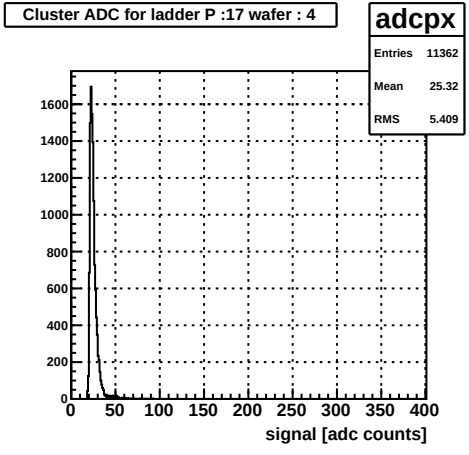

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6183
Mean 25.28
RMS 7.445
signal [adc counts]

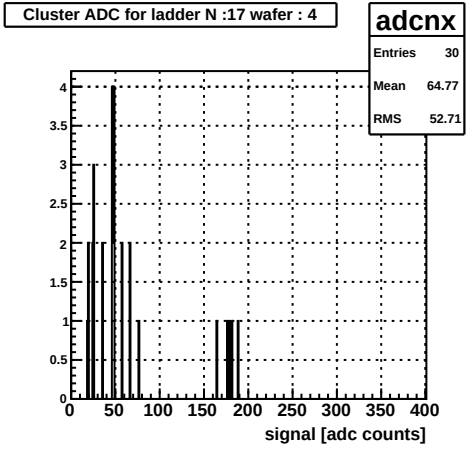

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10973
Mean 18.22
RMS 6.388
signal [adc counts]

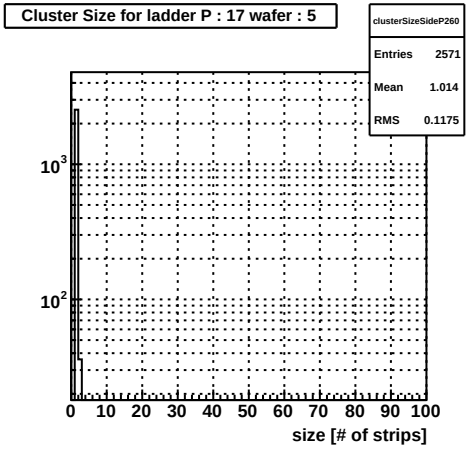

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11362
Mean 1.018
RMS 0.1351
size [# of strips]

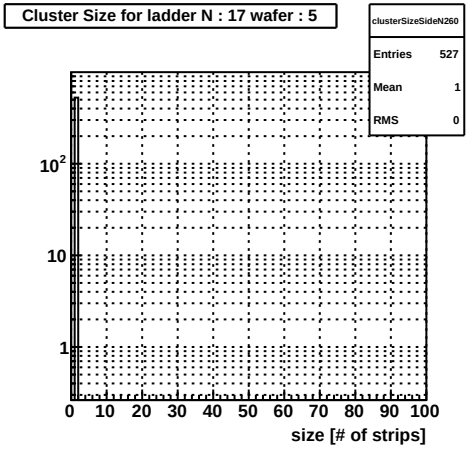

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 30
Mean 3.167
RMS 2.099
size [# of strips]

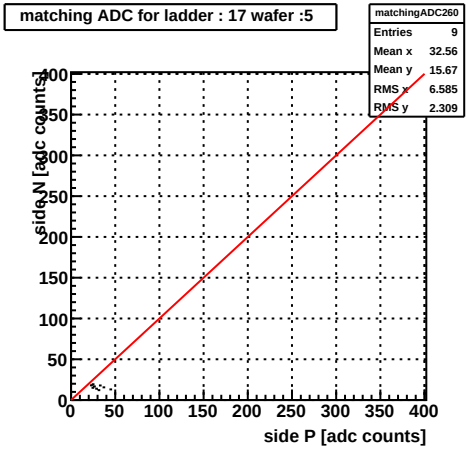

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

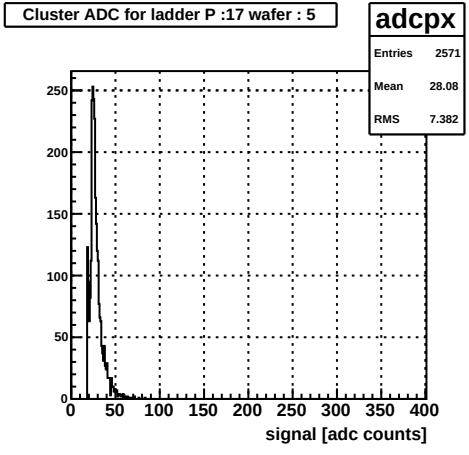

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11362
Mean 25.32
RMS 5.409
signal [adc counts]

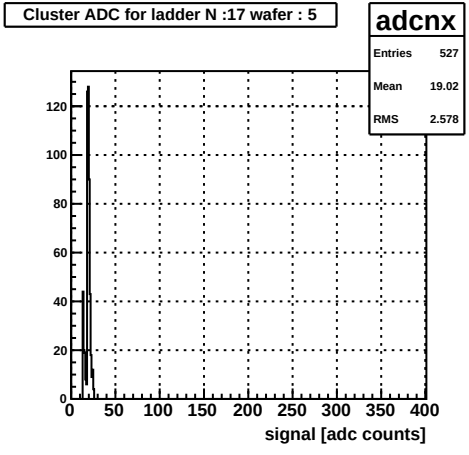

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 30
Mean 64.77
RMS 52.71
signal [adc counts]

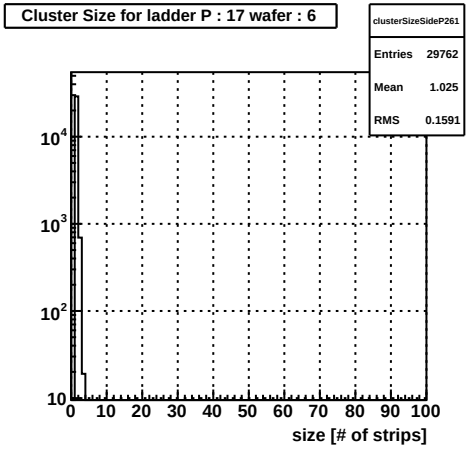

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2571
Mean 1.014
RMS 0.1175
size [# of strips]

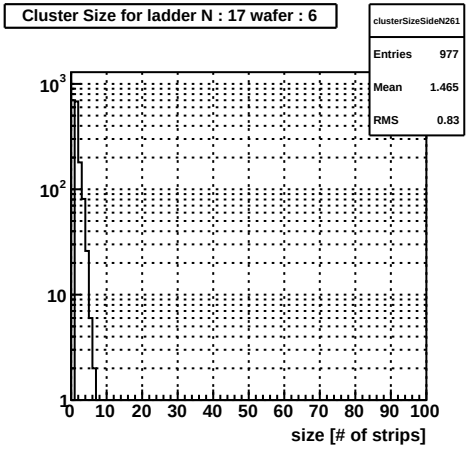

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 527
Mean 1
RMS 0
size [# of strips]

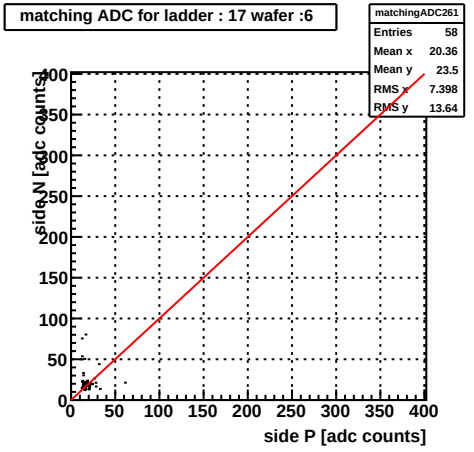

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 9
Mean x 32.56
Mean y 15.67
RMS x 6.585
RMS y 2.309
side N [adc counts]
side P [adc counts]

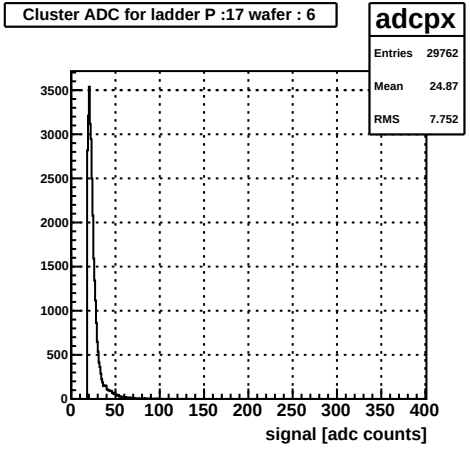

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2571
Mean 28.08
RMS 7.382
signal [adc counts]

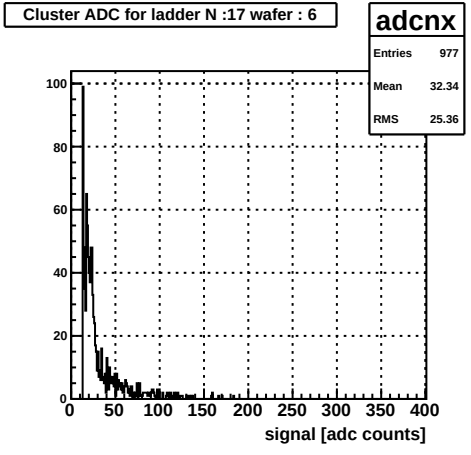

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 527
Mean 19.02
RMS 2.578
signal [adc counts]

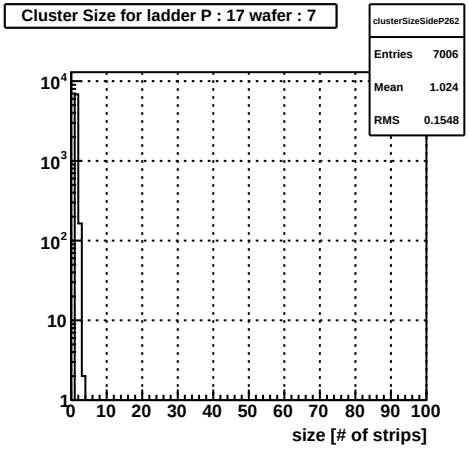

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 29762
Mean 1.025
RMS 0.1591
size [# of strips]

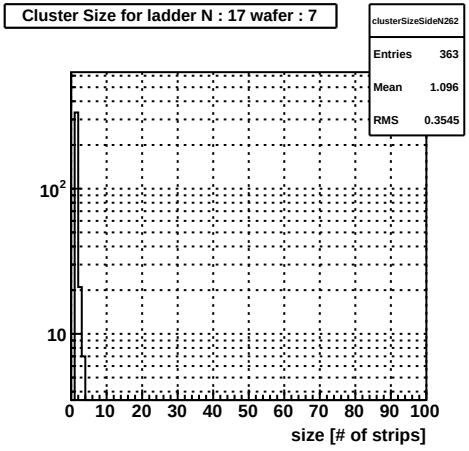

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 977
Mean 1.465
RMS 0.83
size [# of strips]

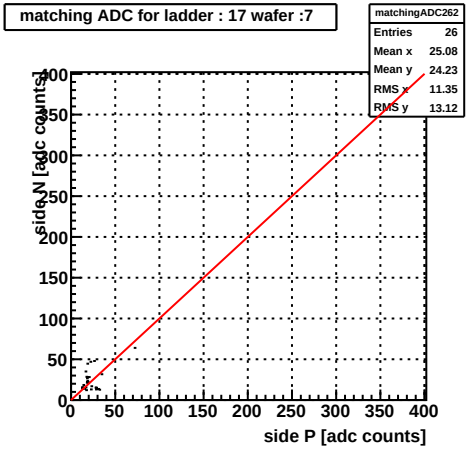

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 58
Mean x 20.36
Mean y 23.5
RMS x 7.398
RMS y 13.64
side N [adc counts]
side P [adc counts]

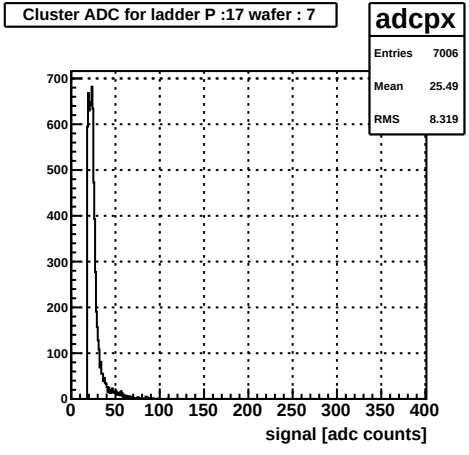

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 29762
Mean 24.87
RMS 7.752
signal [adc counts]

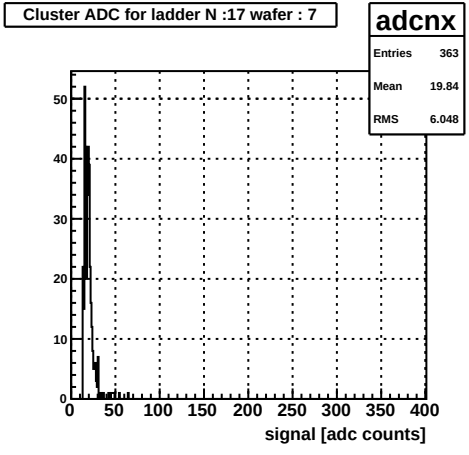

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 977
Mean 32.34
RMS 25.36
signal [adc counts]

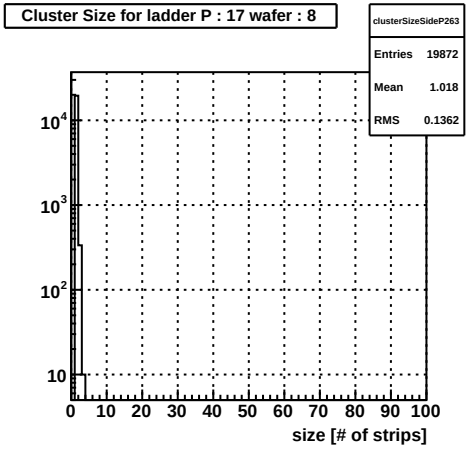

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 7006
Mean 1.024
RMS 0.1548
size [# of strips]

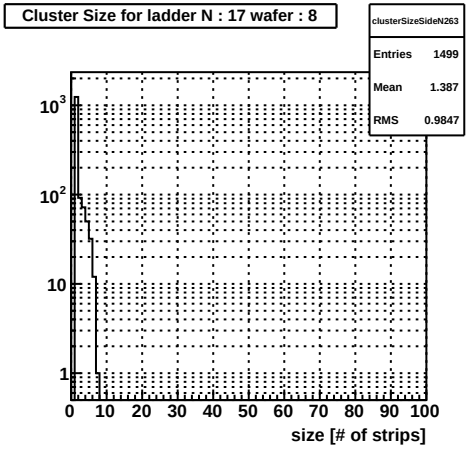

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 363
Mean 1.096
RMS 0.3545
size [# of strips]

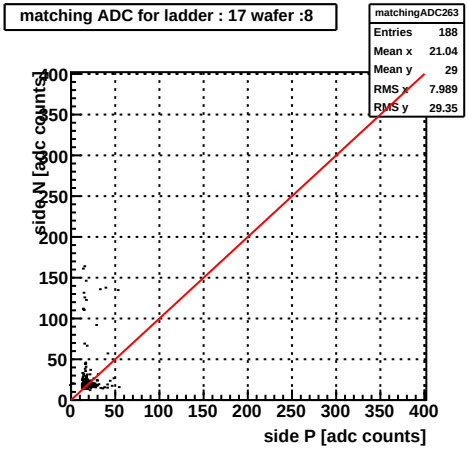

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 26
Mean x 25.08
Mean y 24.23
RMS x 11.35
RMS y 13.12
side N [adc counts]
side P [adc counts]

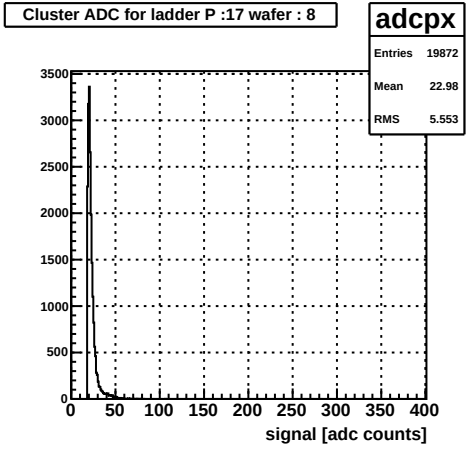

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 7006
Mean 25.49
RMS 8.319
signal [adc counts]

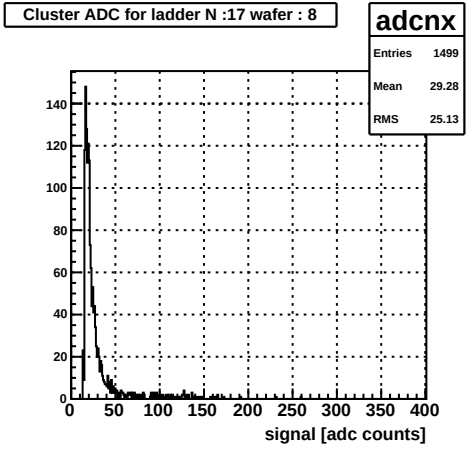

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 363
Mean 19.84
RMS 6.048
signal [adc counts]

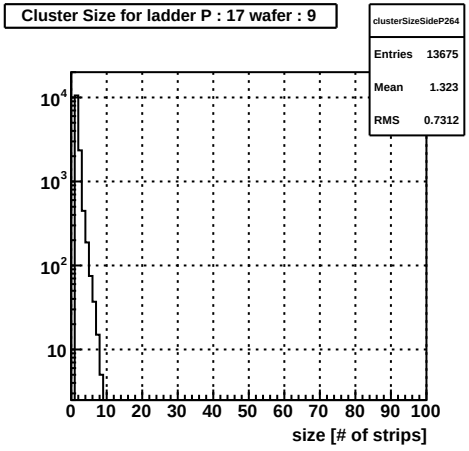

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 19872
Mean 1.018
RMS 0.1362
size [# of strips]

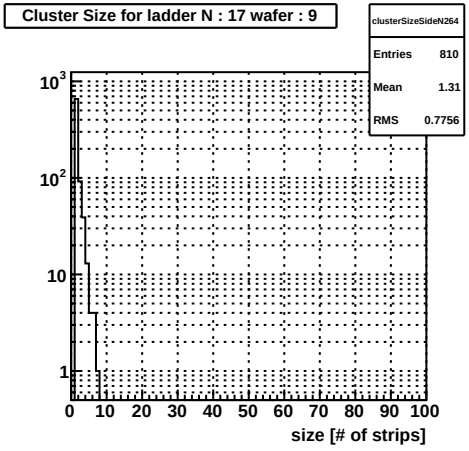

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1499
Mean 1.387
RMS 0.9847
size [# of strips]

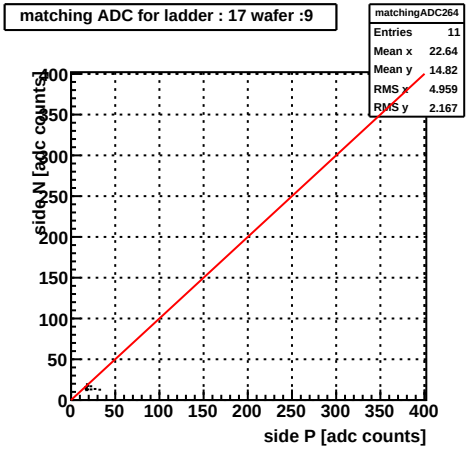

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 188
Mean x 21.04
Mean y 29
RMS x 7.989
RMS y 29.35
side N [adc counts]
side P [adc counts]

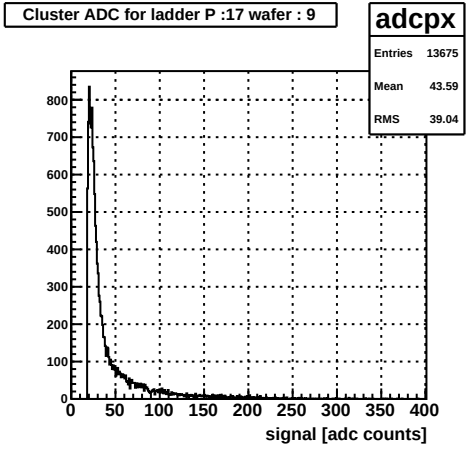

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 19872
Mean 22.98
RMS 5.553
signal [adc counts]

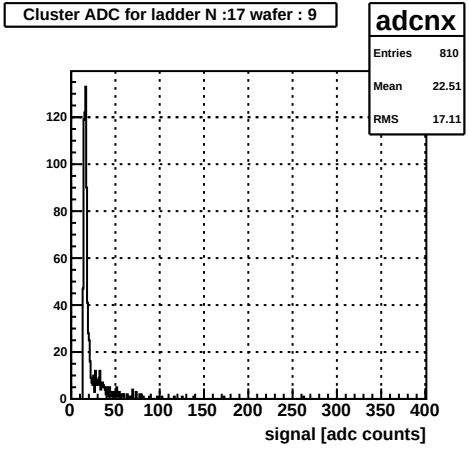

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1499
Mean 29.28
RMS 25.13
signal [adc counts]

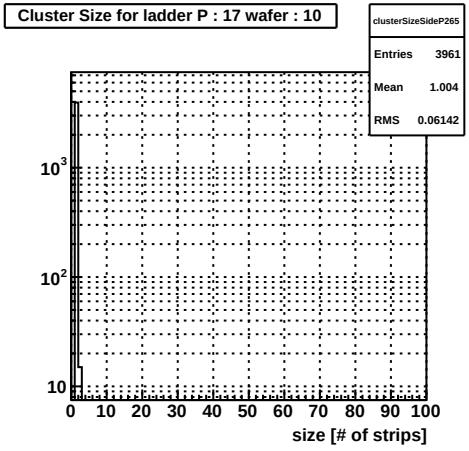

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 13675
Mean 1.323
RMS 0.7312
size [# of strips]

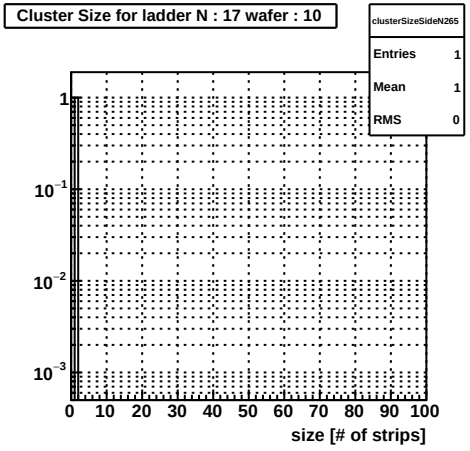

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 810
Mean 1.31
RMS 0.7756
size [# of strips]

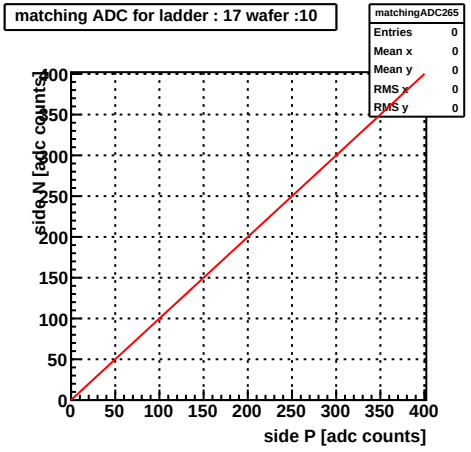

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 11
Mean x 22.64
Mean y 14.82
RMS x 4.959
RMS y 2.167
side N [adc counts]
side P [adc counts]

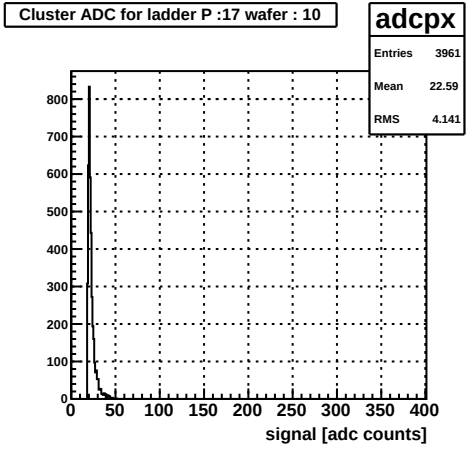

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 13675
Mean 43.59
RMS 39.04
signal [adc counts]

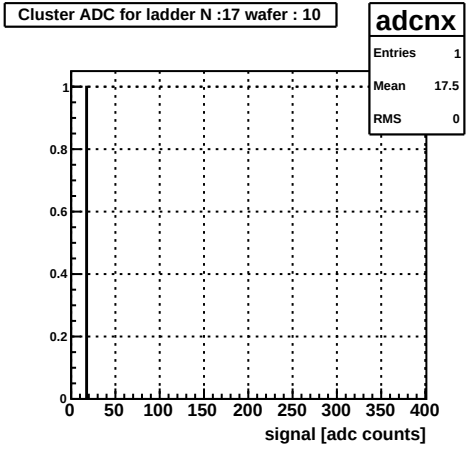

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 810
Mean 22.51
RMS 17.11
signal [adc counts]

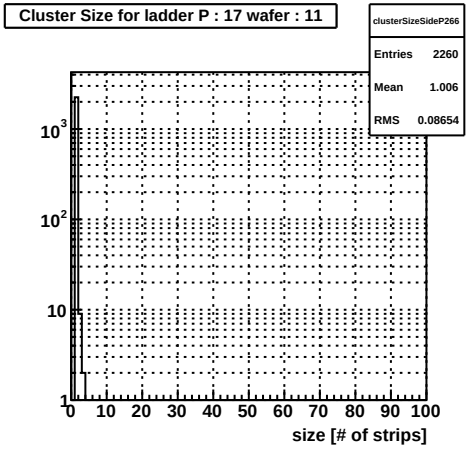

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3961
Mean 1.004
RMS 0.06142
size [# of strips]

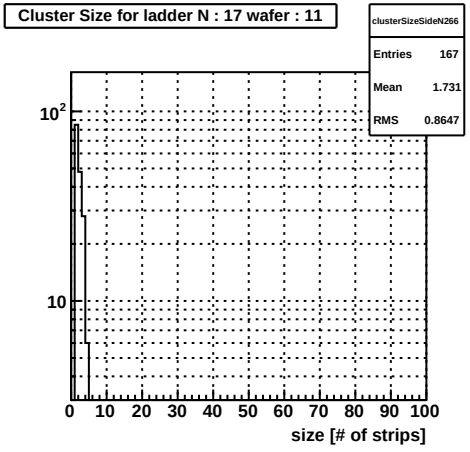

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1
Mean 1
RMS 0
size [# of strips]

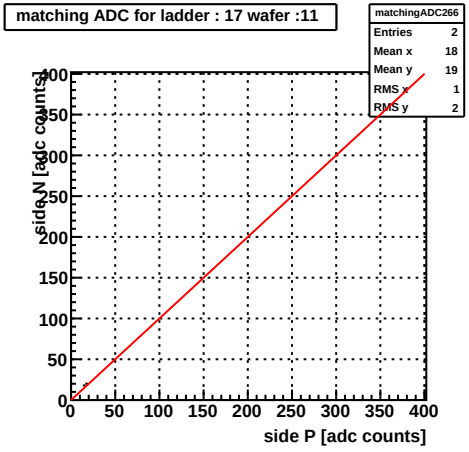

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

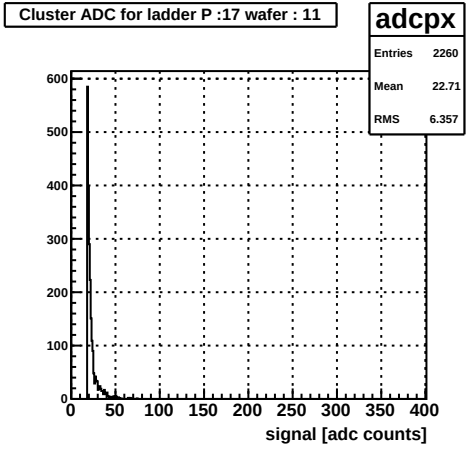

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3961
Mean 22.59
RMS 4.141
signal [adc counts]

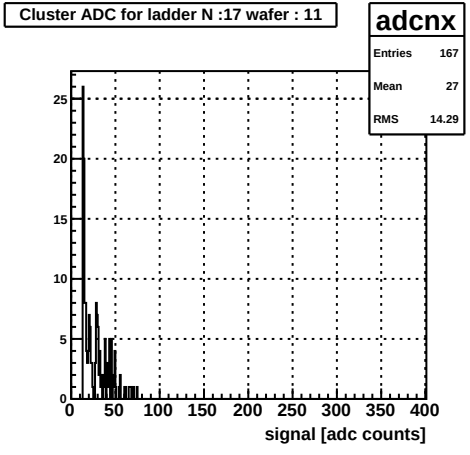

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1
Mean 17.5
RMS 0
signal [adc counts]

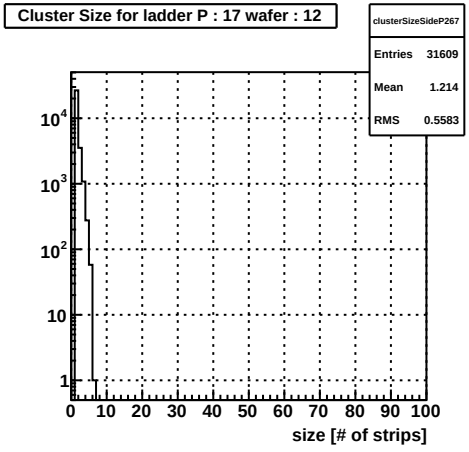

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2260
Mean 1.006
RMS 0.08654
size [# of strips]

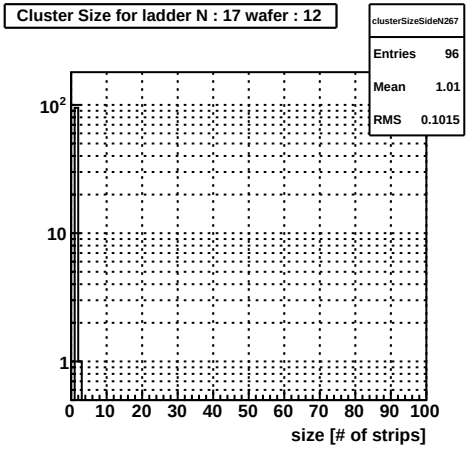

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 167
Mean 1.731
RMS 0.8647
size [# of strips]

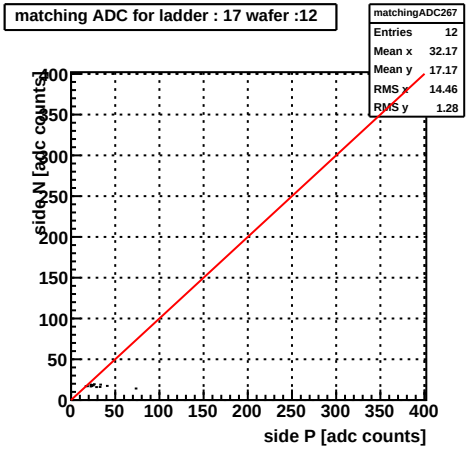

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 2
Mean x 18
Mean y 19
RMS x 1
RMS y 2
side N [adc counts]
side P [adc counts]

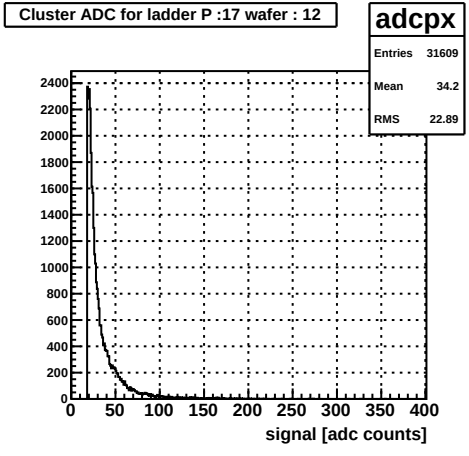

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2260
Mean 22.71
RMS 6.357
signal [adc counts]

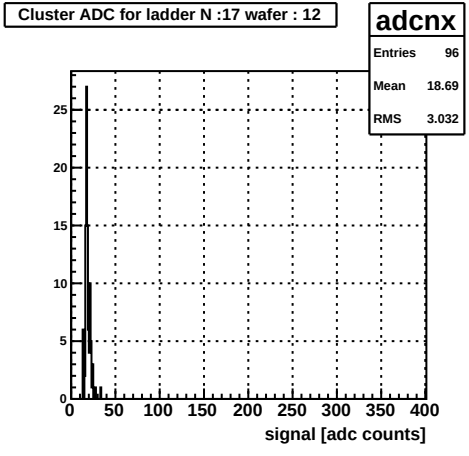

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 167
Mean 27
RMS 14.29
signal [adc counts]

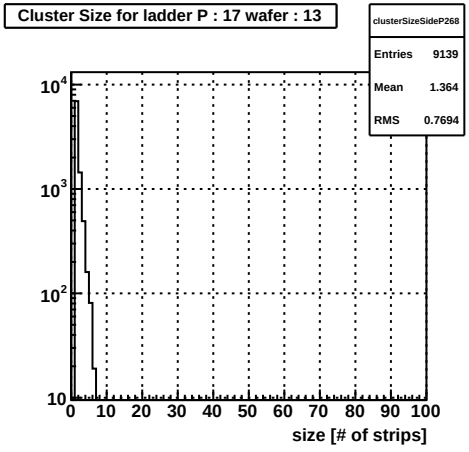

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 31609
Mean 1.214
RMS 0.5583
size [# of strips]

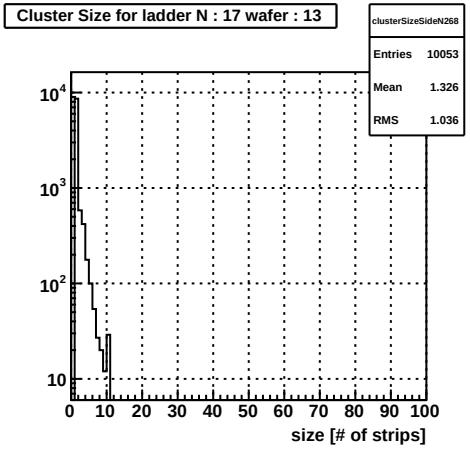

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 96
Mean 1.01
RMS 0.1015
size [# of strips]

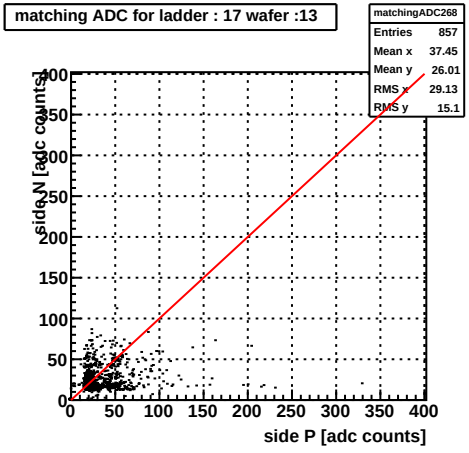

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 12
Mean x 32.17
Mean y 17.17
RMS x 14.46
RMS y 1.28
side N [adc counts]
side P [adc counts]

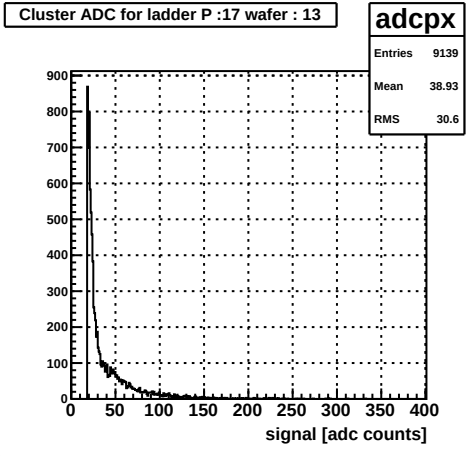

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 31609
Mean 34.2
RMS 22.89
signal [adc counts]

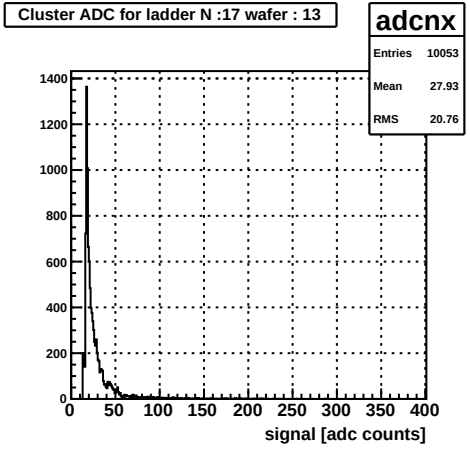

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 96
Mean 18.69
RMS 3.032
signal [adc counts]

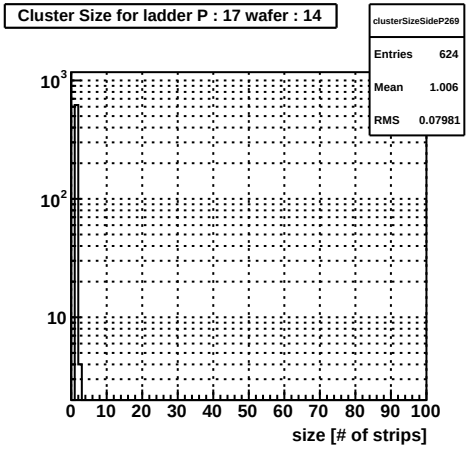

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 9139
Mean 1.364
RMS 0.7694
size [# of strips]

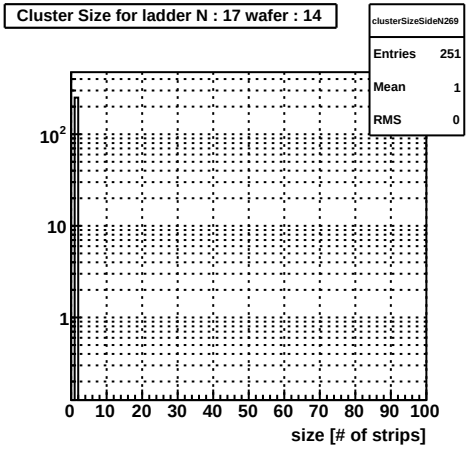

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 10053
Mean 1.326
RMS 1.036
size [# of strips]

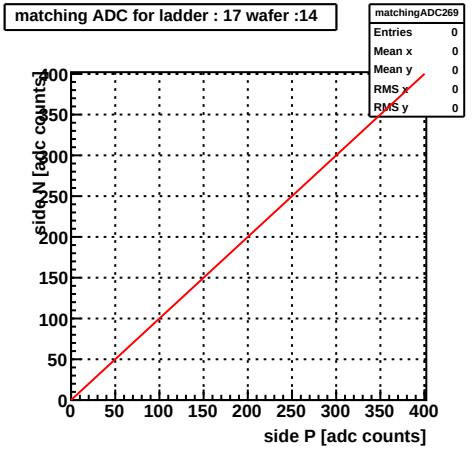

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 857
Mean x 37.45
Mean y 26.01
RMS x 29.13
RMS y 15.1
side N [adc counts]
side P [adc counts]

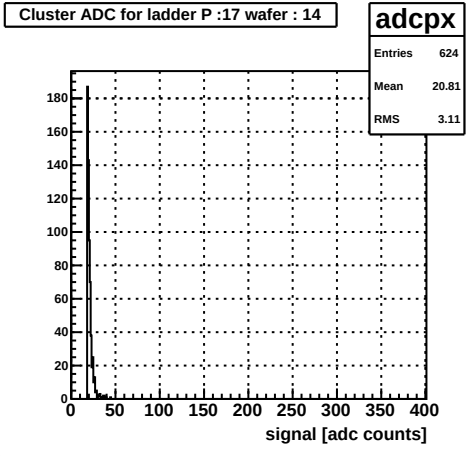

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 9139
Mean 38.93
RMS 30.6
signal [adc counts]

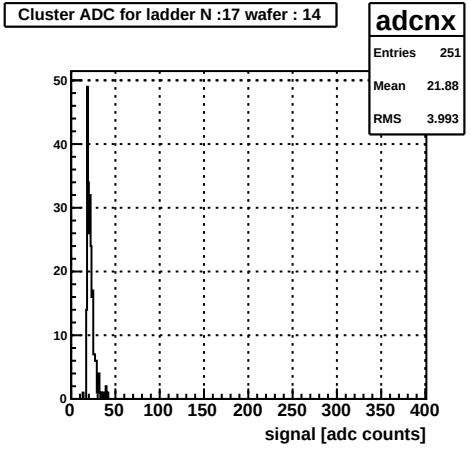

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 10053
Mean 27.93
RMS 20.76
signal [adc counts]

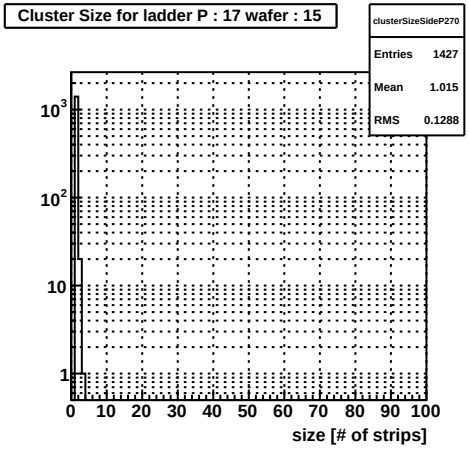

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 624
Mean 1.006
RMS 0.07981
size [# of strips]

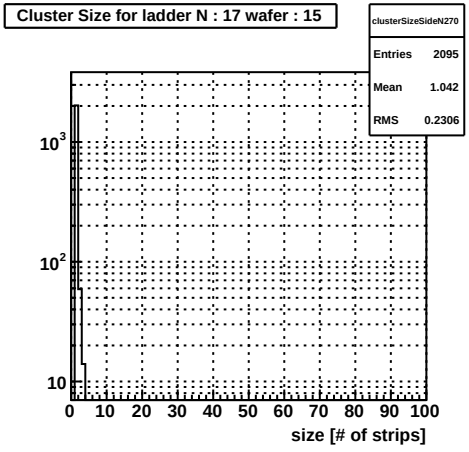

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 251
Mean 1
RMS 0
size [# of strips]

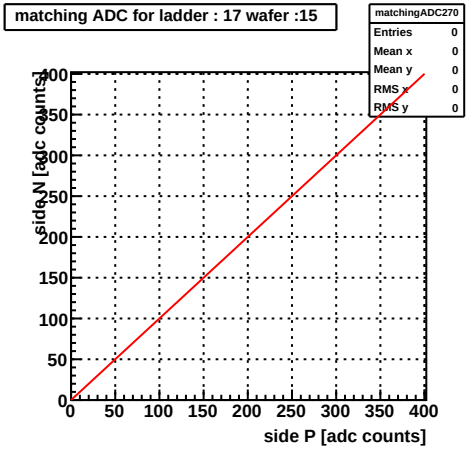

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

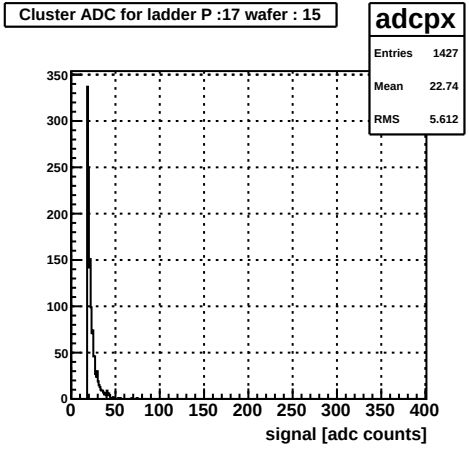

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 624
Mean 20.81
RMS 3.11
signal [adc counts]

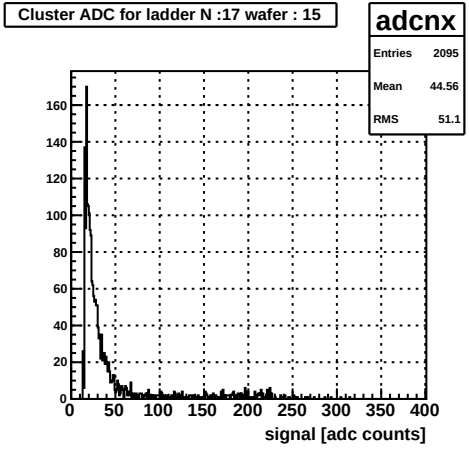

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 251
Mean 21.88
RMS 3.993
signal [adc counts]

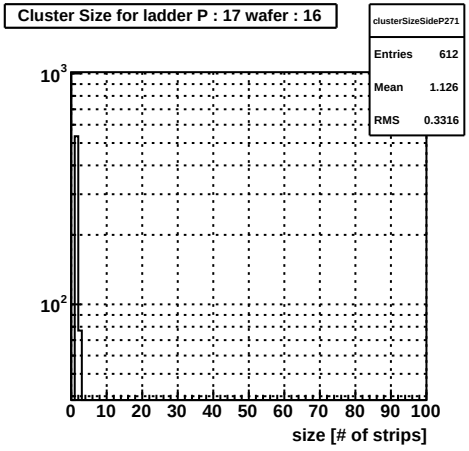

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1427
Mean 1.015
RMS 0.1288
size [# of strips]

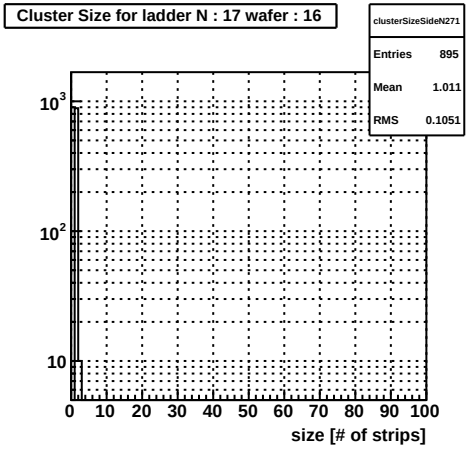

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2095
Mean 1.042
RMS 0.2306
size [# of strips]

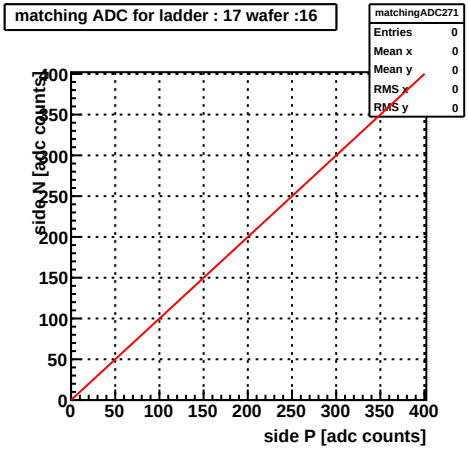

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

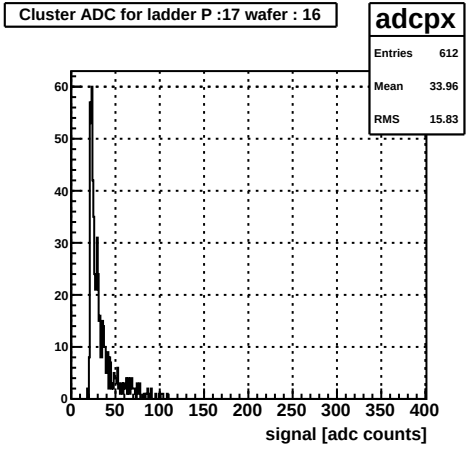

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1427
Mean 22.74
RMS 5.612
signal [adc counts]

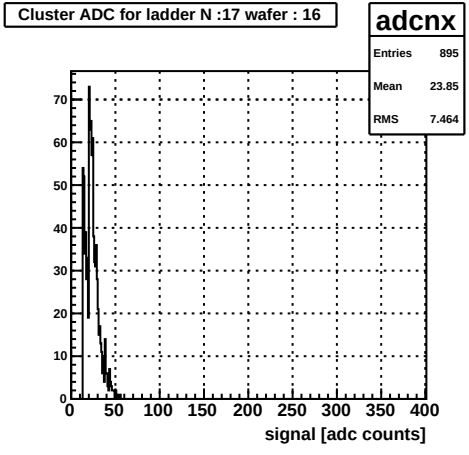

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2095
Mean 44.56
RMS 51.1
signal [adc counts]

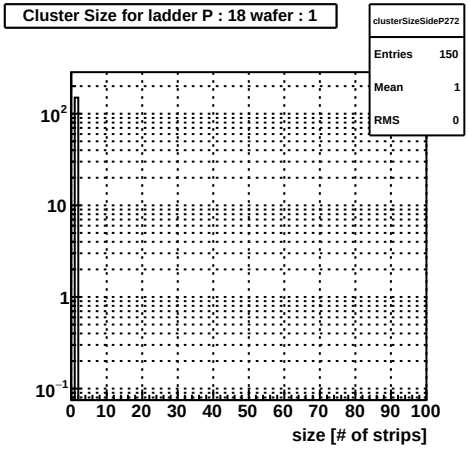

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 612
Mean 1.126
RMS 0.3316
size [# of strips]

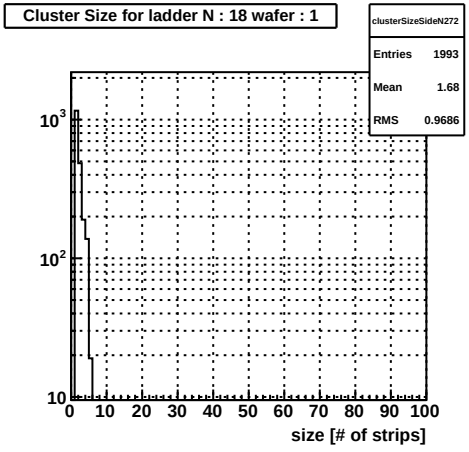

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 895
Mean 1.011
RMS 0.1051
size [# of strips]

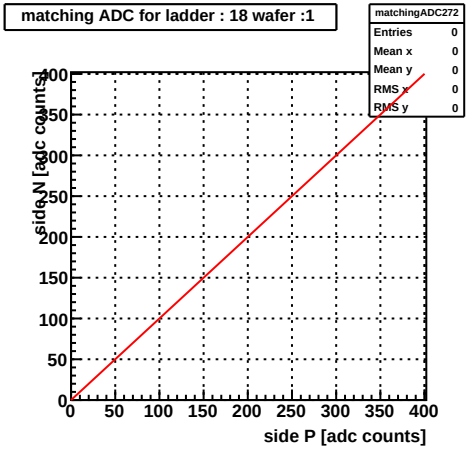

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

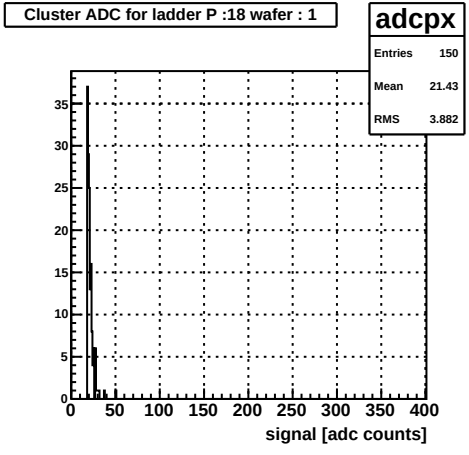

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 612
Mean 33.96
RMS 15.83
signal [adc counts]

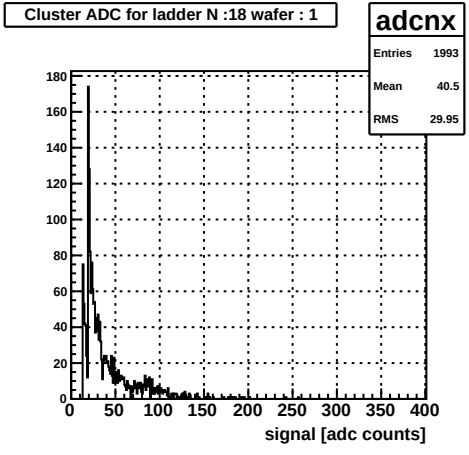

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 895
Mean 23.85
RMS 7.464
signal [adc counts]

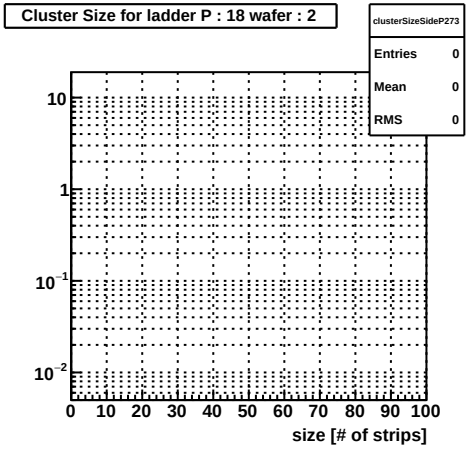

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 150
Mean 1
RMS 0
size [# of strips]

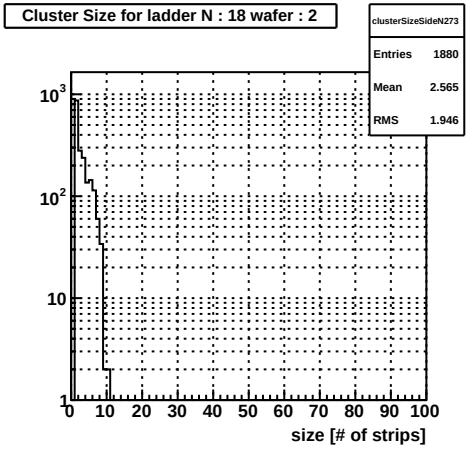

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1993
Mean 1.68
RMS 0.9686
size [# of strips]

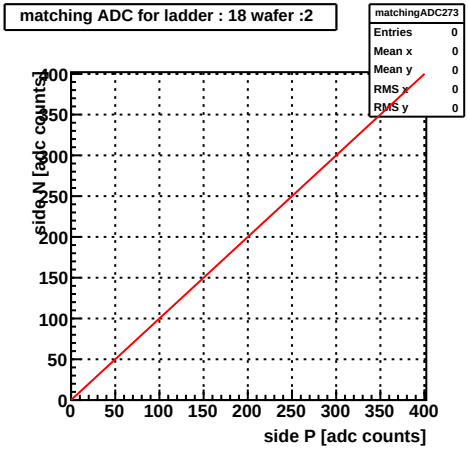

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

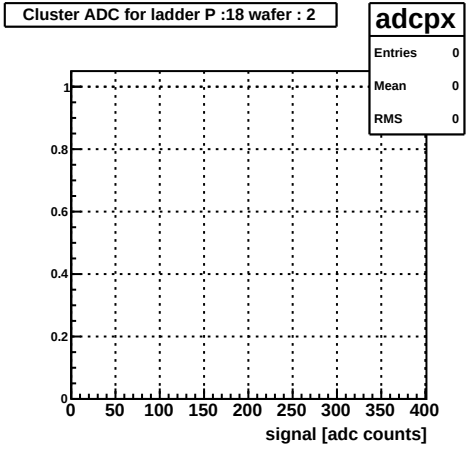

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 150
Mean 21.43
RMS 3.882
signal [adc counts]

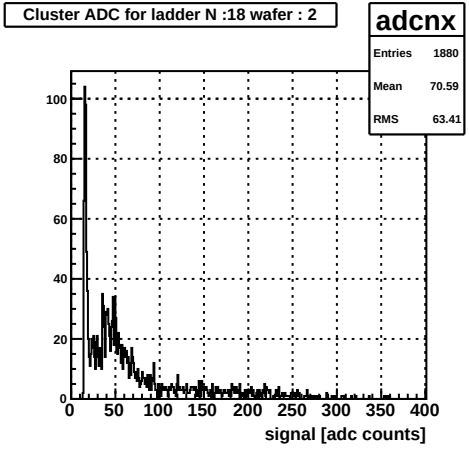

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1993
Mean 40.5
RMS 29.95
signal [adc counts]

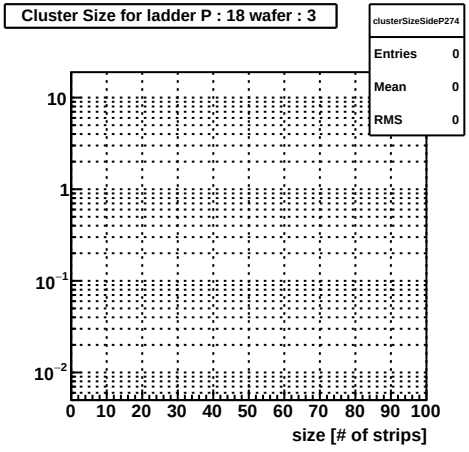

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

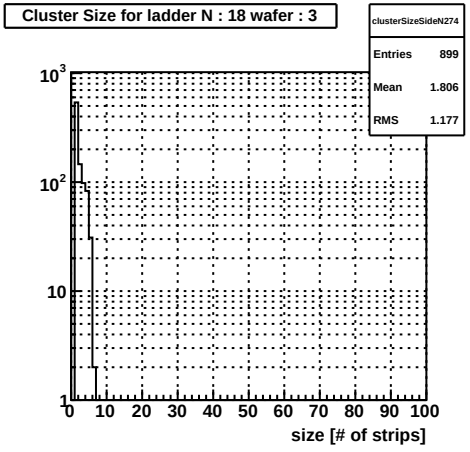

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1880
Mean 2.565
RMS 1.946
size [# of strips]

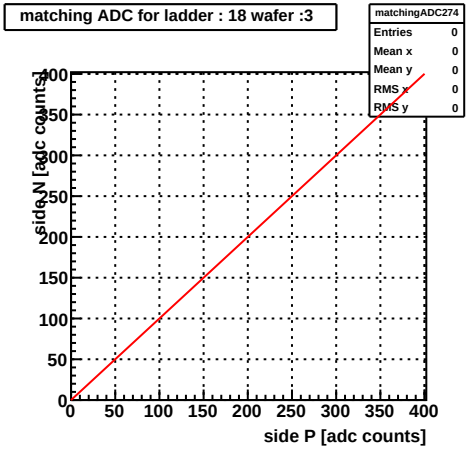

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

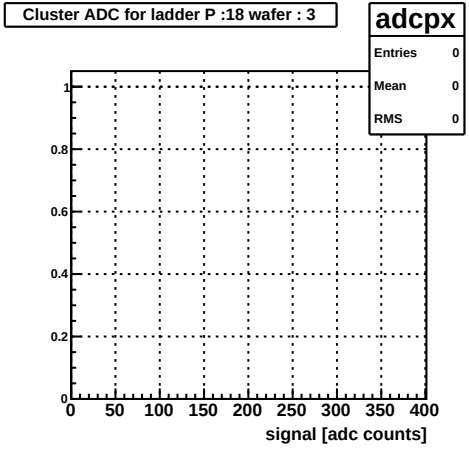

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

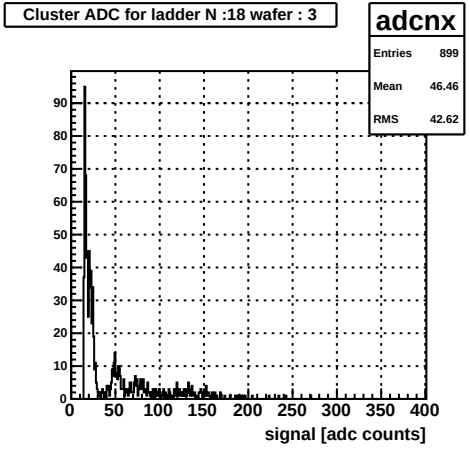

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1880
Mean 70.59
RMS 63.41
signal [adc counts]

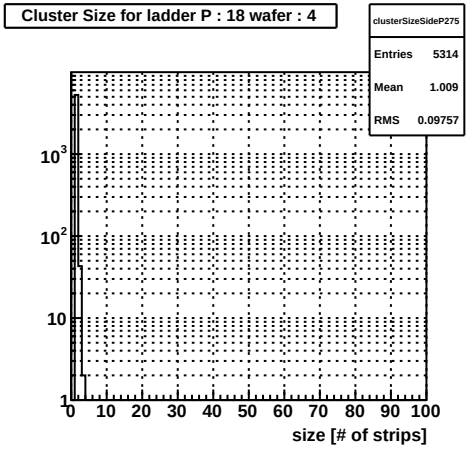

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

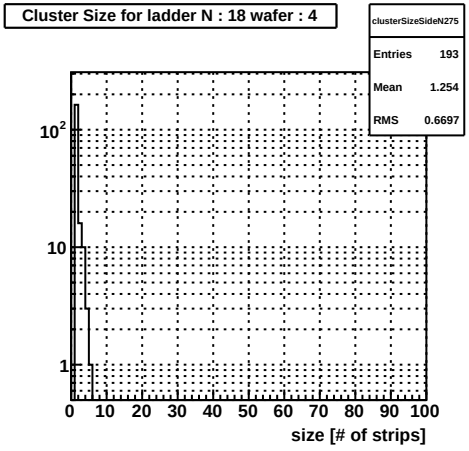

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 899
Mean 1.806
RMS 1.177
size [# of strips]

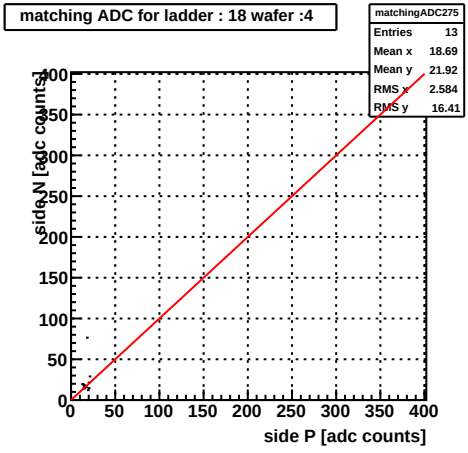

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

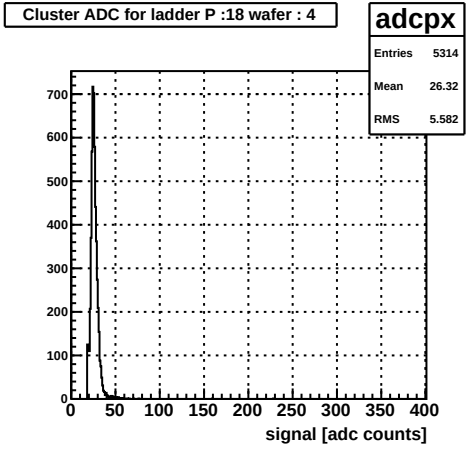

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

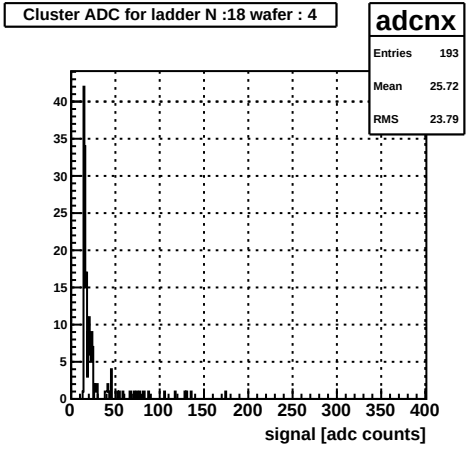

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 899
Mean 46.46
RMS 42.62
signal [adc counts]

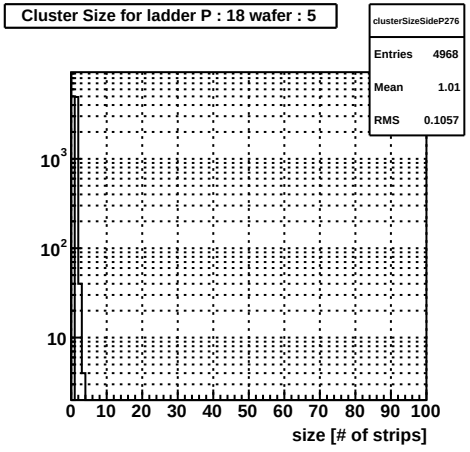

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 5314
Mean 1.009
RMS 0.09757
size [# of strips]

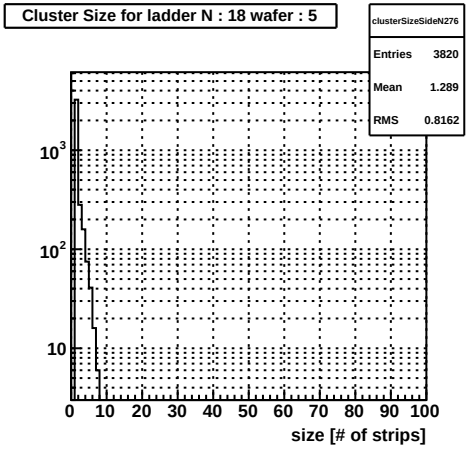

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 193
Mean 1.254
RMS 0.6697
size [# of strips]

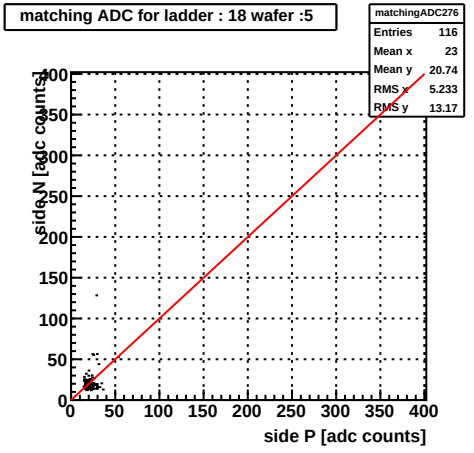

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 13
Mean x 18.69
Mean y 21.92
RMS x 2.584
RMS y 16.41
side N [adc counts]
side P [adc counts]

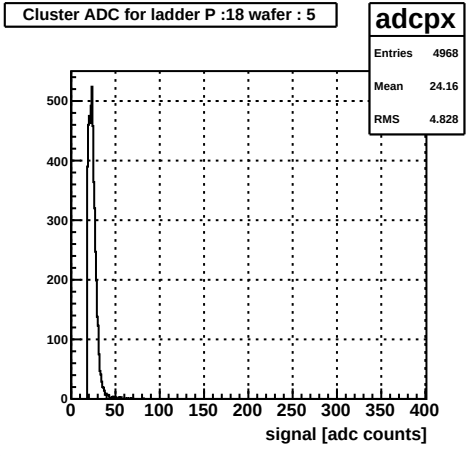

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 5314
Mean 26.32
RMS 5.582
signal [adc counts]

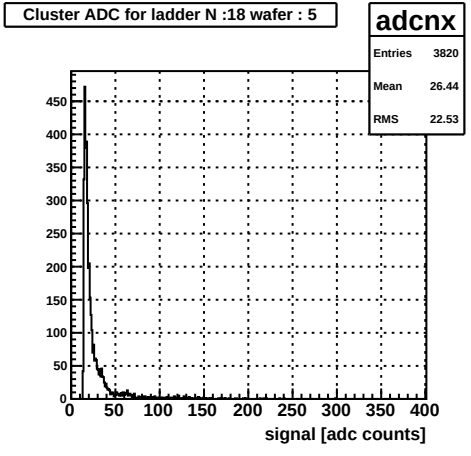

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 193
Mean 25.72
RMS 23.79
signal [adc counts]

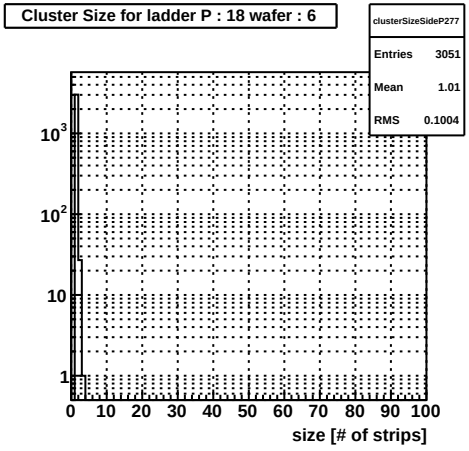

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4968
Mean 1.01
RMS 0.1057
size [# of strips]

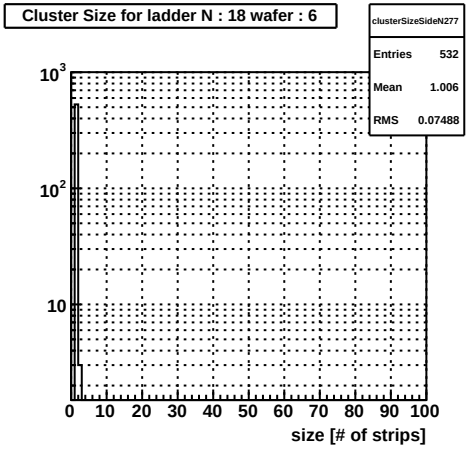

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3820
Mean 1.289
RMS 0.8162
size [# of strips]

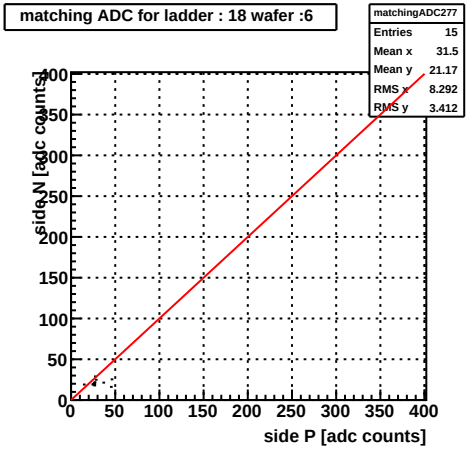

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 116
Mean x 23
Mean y 20.74
RMS x 5.233
RMS y 13.17
side N [adc counts]
side P [adc counts]

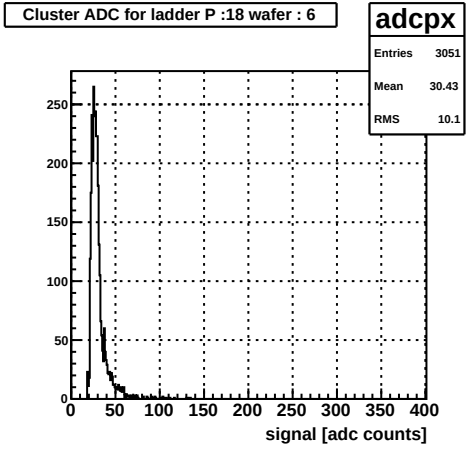

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4968
Mean 24.16
RMS 4.828
signal [adc counts]

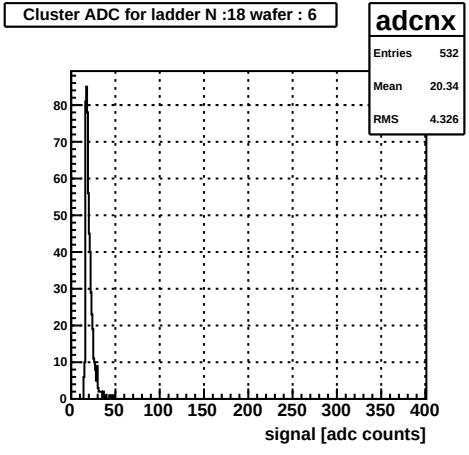

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3820
Mean 26.44
RMS 22.53
signal [adc counts]

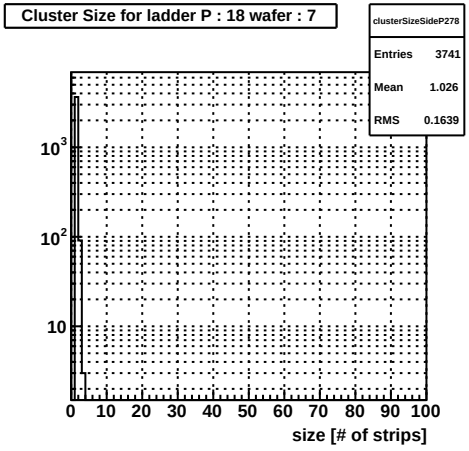

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3051
Mean 1.01
RMS 0.1004
size [# of strips]

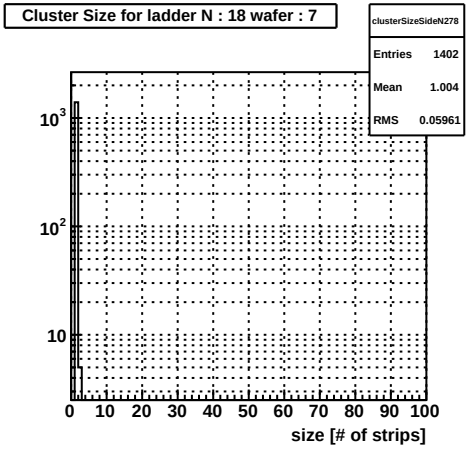

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 532
Mean 1.006
RMS 0.07488
size [# of strips]

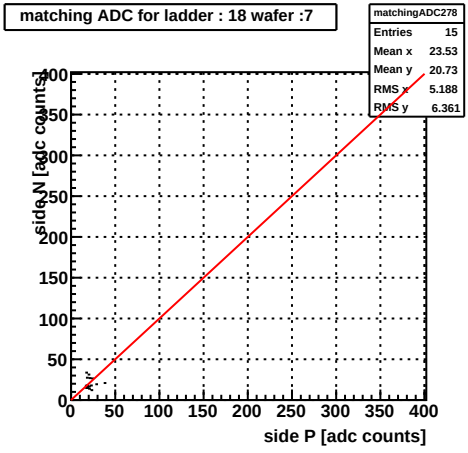

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 15
Mean x 31.5
Mean y 21.17
RMS x 8.292
RMS y 3.412
side N [adc counts]
side P [adc counts]

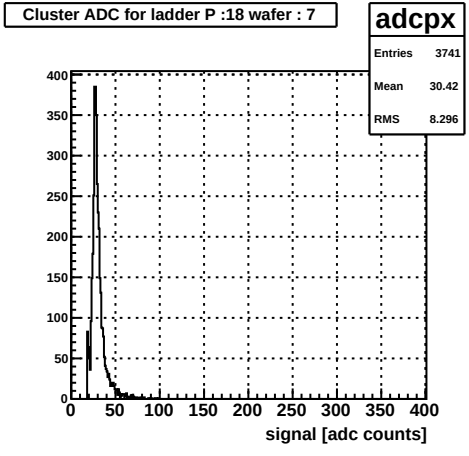

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3051
Mean 30.43
RMS 10.1
signal [adc counts]

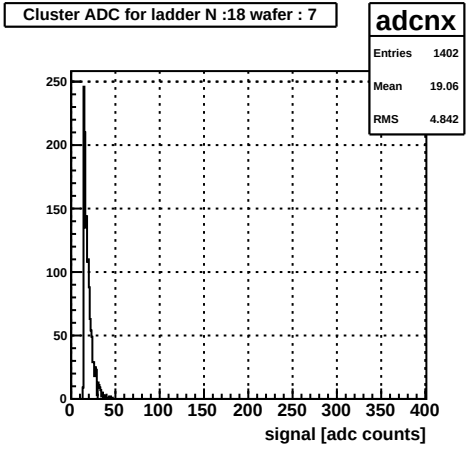

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 532
Mean 20.34
RMS 4.326
signal [adc counts]

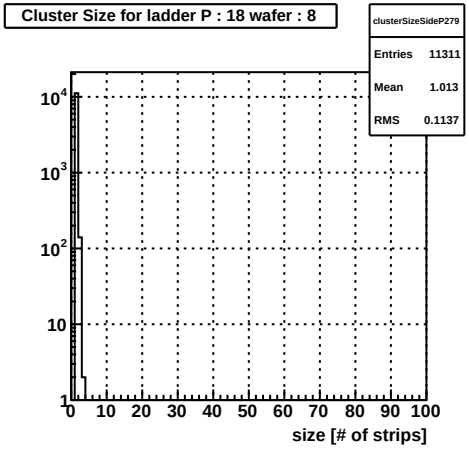

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3741
Mean 1.026
RMS 0.1639
size [# of strips]

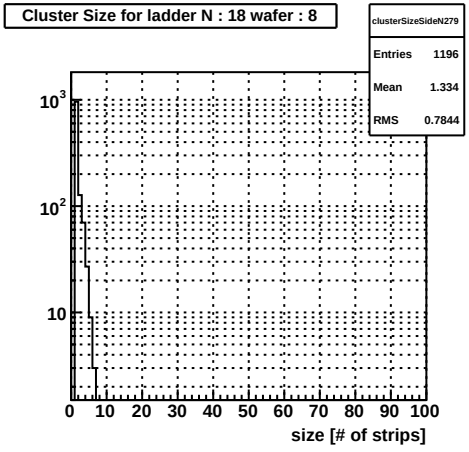

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1402
Mean 1.004
RMS 0.05961
size [# of strips]

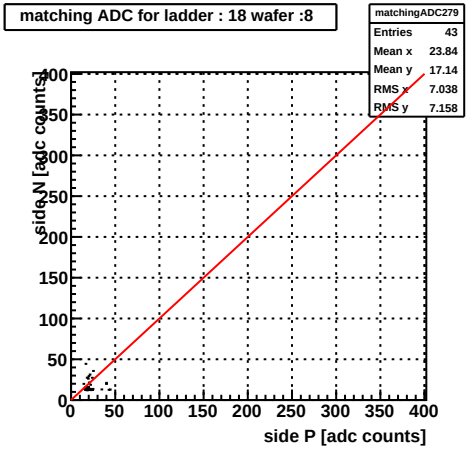

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 15
Mean x 23.53
Mean y 20.73
RMS x 5.188
RMS y 6.361
side N [adc counts]
side P [adc counts]

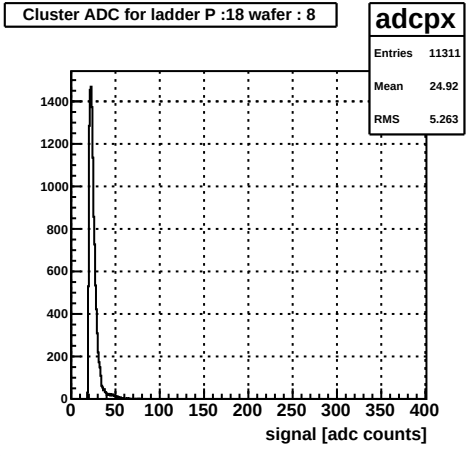

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3741
Mean 30.42
RMS 8.296
signal [adc counts]

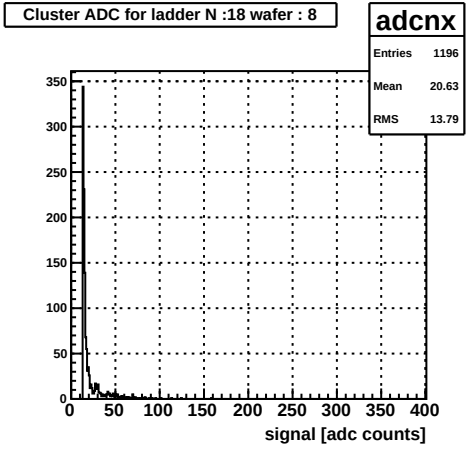

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1402
Mean 19.06
RMS 4.842
signal [adc counts]

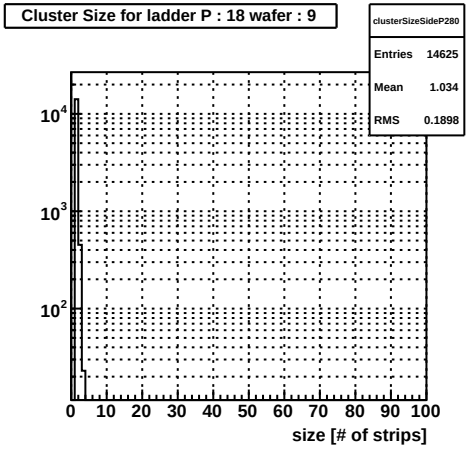

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11311
Mean 1.013
RMS 0.1137
size [# of strips]

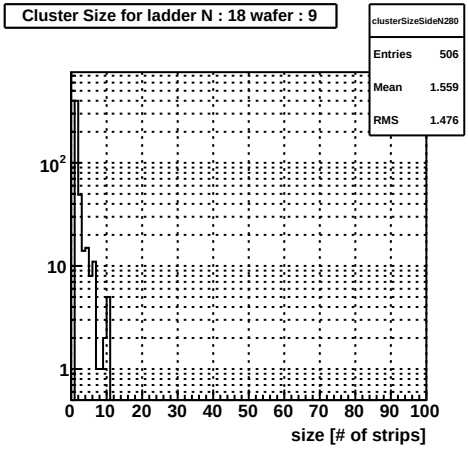

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1196
Mean 1.334
RMS 0.7844
size [# of strips]

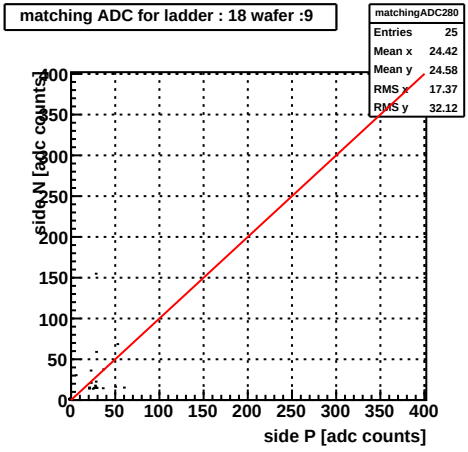

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 43
Mean x 23.84
Mean y 17.14
RMS x 7.038
RMS y 7.158
side N [adc counts]
side P [adc counts]

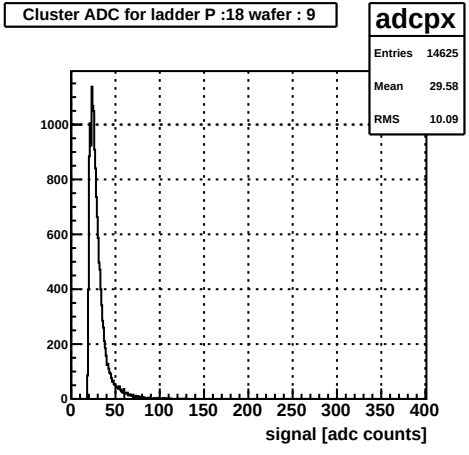

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11311
Mean 24.92
RMS 5.263
signal [adc counts]

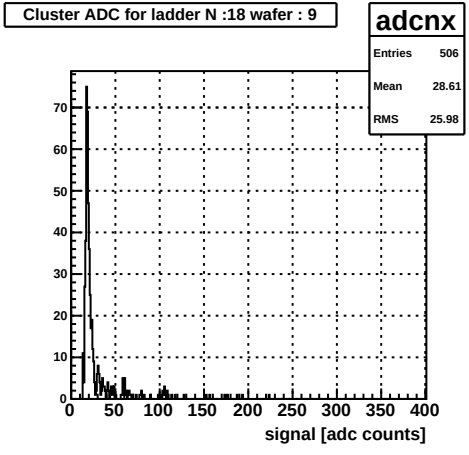

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1196
Mean 20.63
RMS 13.79
signal [adc counts]

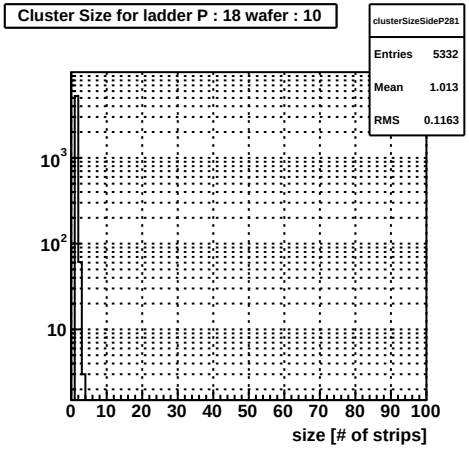

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 14625
Mean 1.034
RMS 0.1898
size [# of strips]

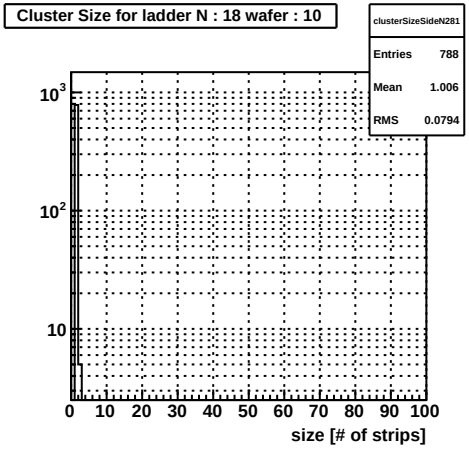

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 506
Mean 1.559
RMS 1.476
size [# of strips]

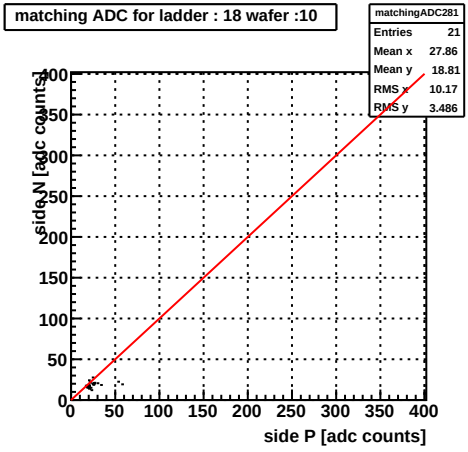

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 25
Mean x 24.42
Mean y 24.58
RMS x 17.37
RMS y 32.12
side N [adc counts]
side P [adc counts]

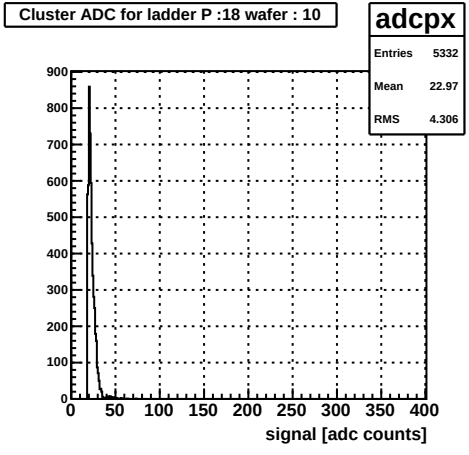

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 14625
Mean 29.58
RMS 10.09
signal [adc counts]

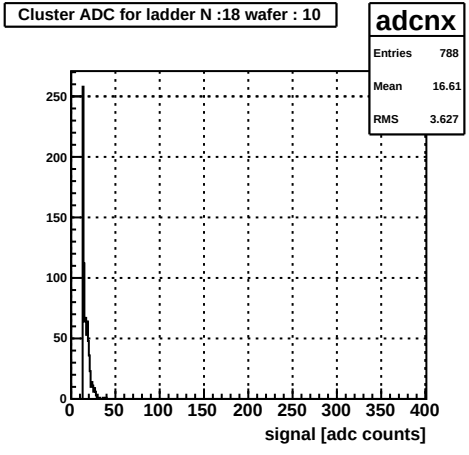

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 506
Mean 28.61
RMS 25.98
signal [adc counts]

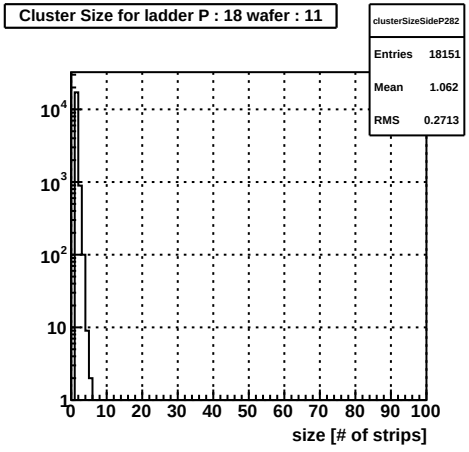

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 5332
Mean 1.013
RMS 0.1163
size [# of strips]

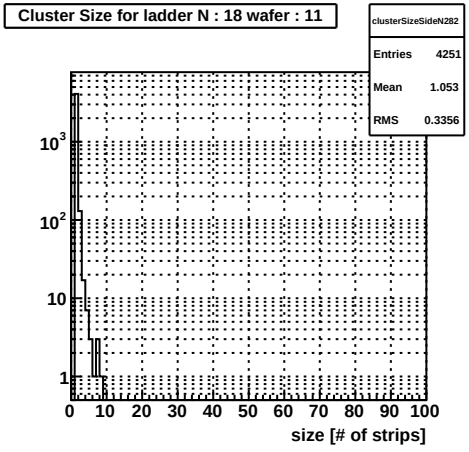

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 788
Mean 1.006
RMS 0.0794
size [# of strips]

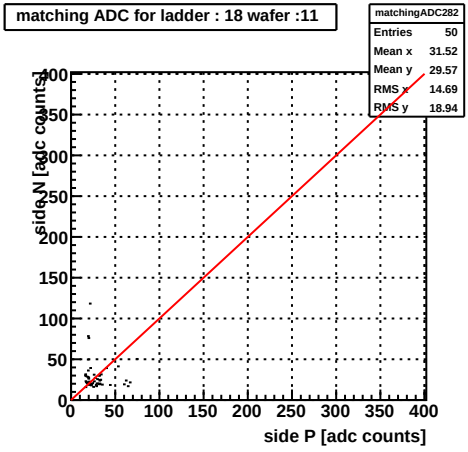

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 21
Mean x 27.86
Mean y 18.81
RMS x 10.17
RMS y 3.486
side N [adc counts]
side P [adc counts]

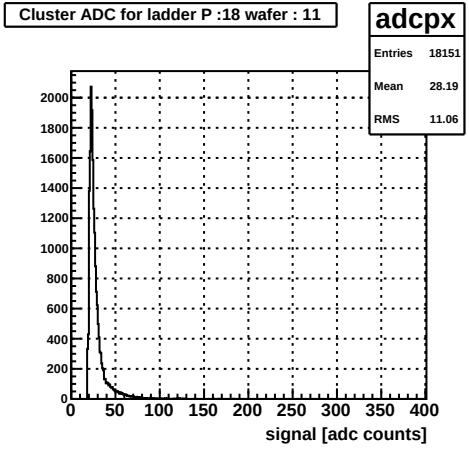

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 5332
Mean 22.97
RMS 4.306
signal [adc counts]

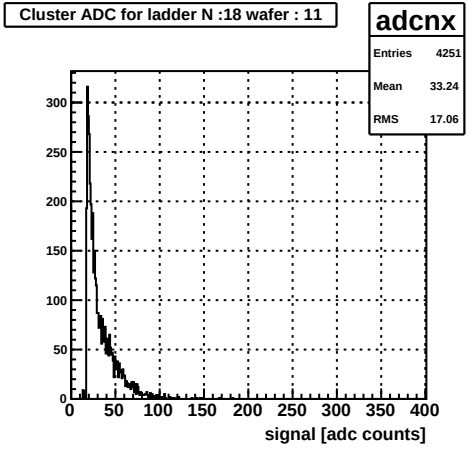

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 788
Mean 16.61
RMS 3.627
signal [adc counts]

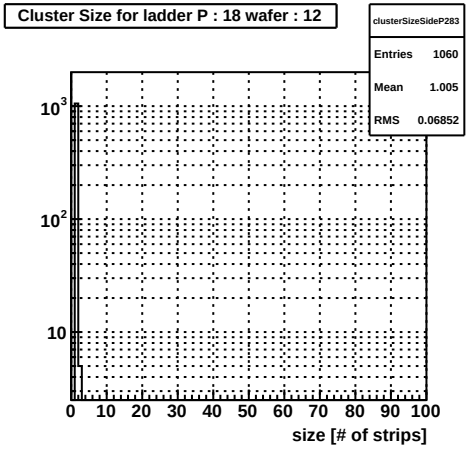

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 18151
Mean 1.062
RMS 0.2713
size [# of strips]

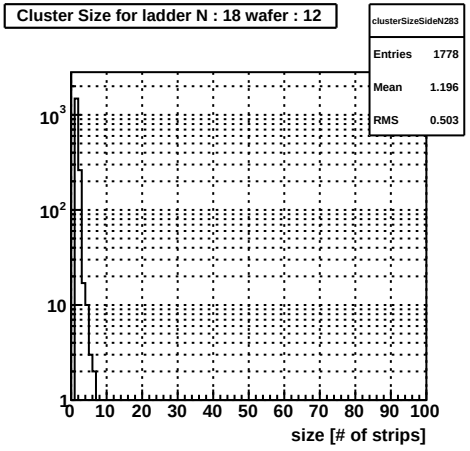

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4251
Mean 1.053
RMS 0.3356
size [# of strips]

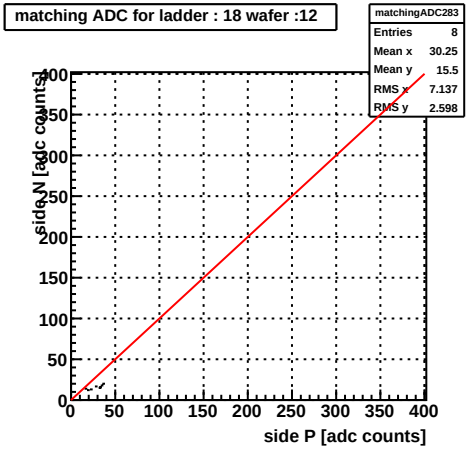

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 50
Mean x 31.52
Mean y 29.57
RMS x 14.69
RMS y 18.94
side N [adc counts]
side P [adc counts]

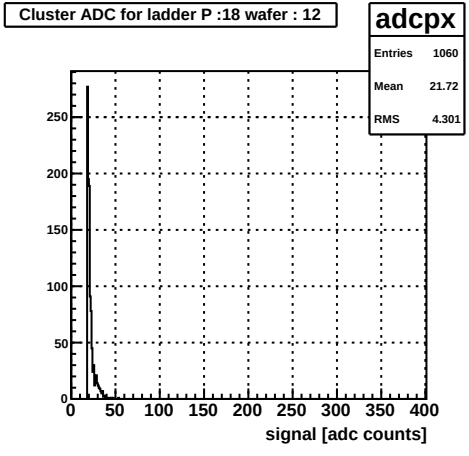

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 18151
Mean 28.19
RMS 11.06
signal [adc counts]

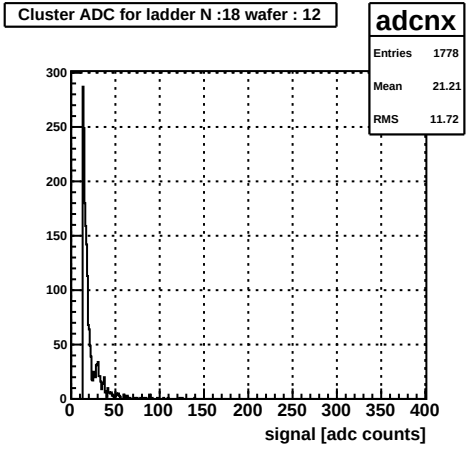

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4251
Mean 33.24
RMS 17.06
signal [adc counts]

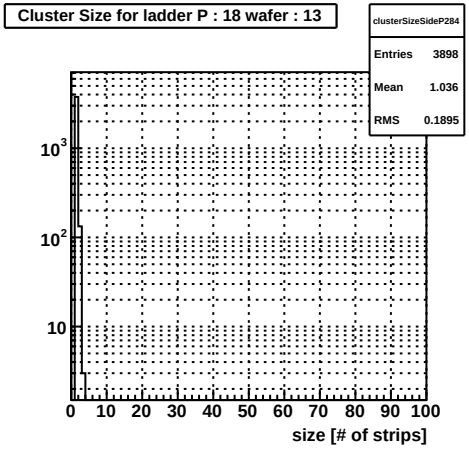

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1060
Mean 1.005
RMS 0.06852
size [# of strips]

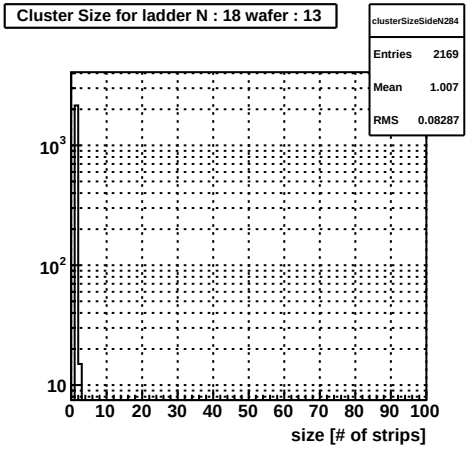

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 1778
Mean 1.196
RMS 0.503
size [# of strips]

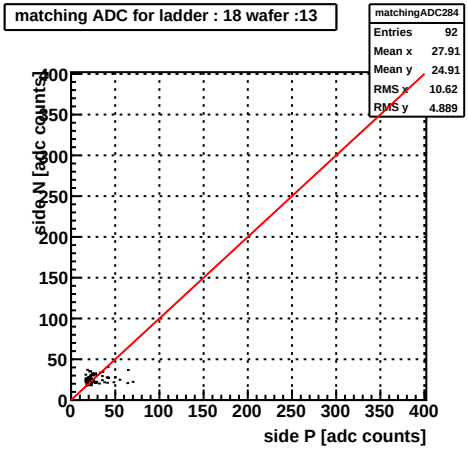

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8
Mean x 30.25
Mean y 15.5
RMS x 7.137
RMS y 2.598
side N [adc counts]
side P [adc counts]

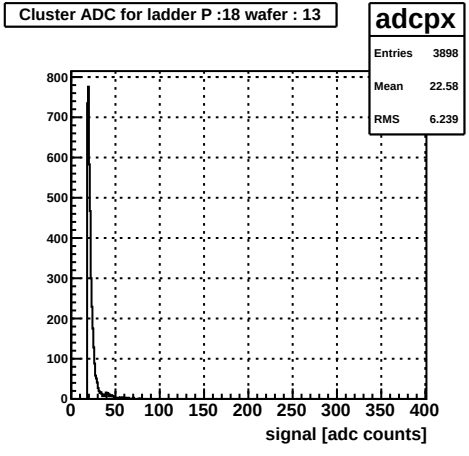

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1060
Mean 21.72
RMS 4.301
signal [adc counts]

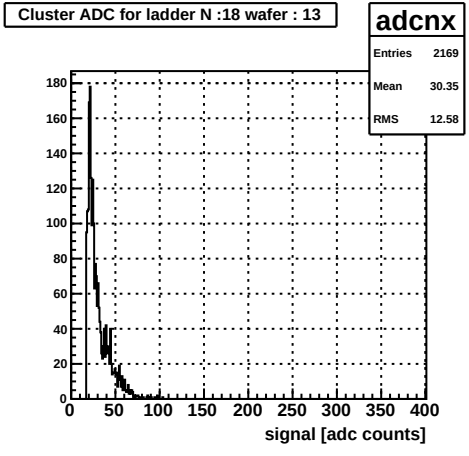

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 1778
Mean 21.21
RMS 11.72
signal [adc counts]

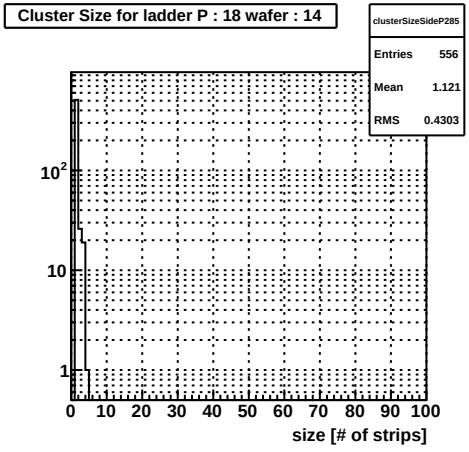

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3898
Mean 1.036
RMS 0.1895
size [# of strips]

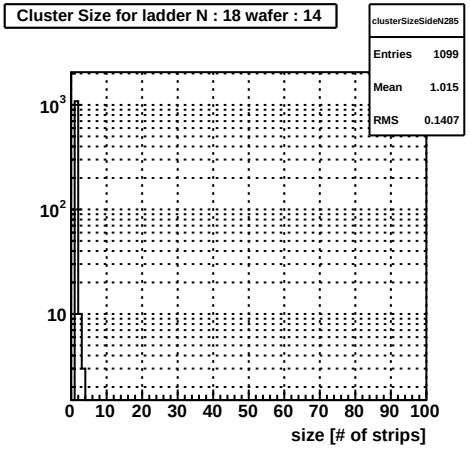

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2169
Mean 1.007
RMS 0.08287
size [# of strips]

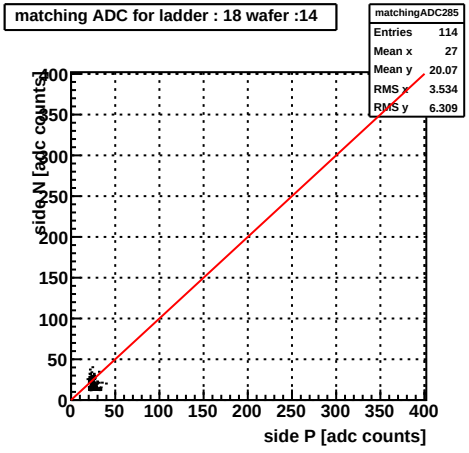

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 92
Mean x 27.91
Mean y 24.91
RMS x 10.62
RMS y 4.889
side N [adc counts]
side P [adc counts]

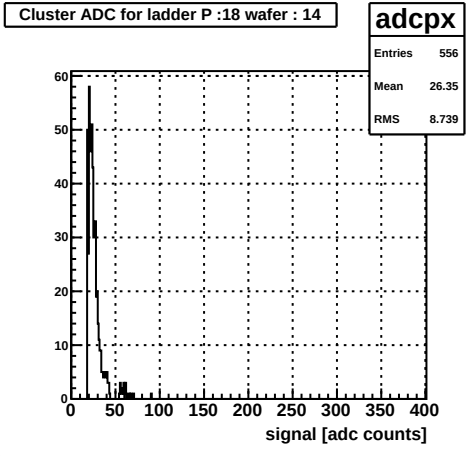

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3898
Mean 22.58
RMS 6.239
signal [adc counts]

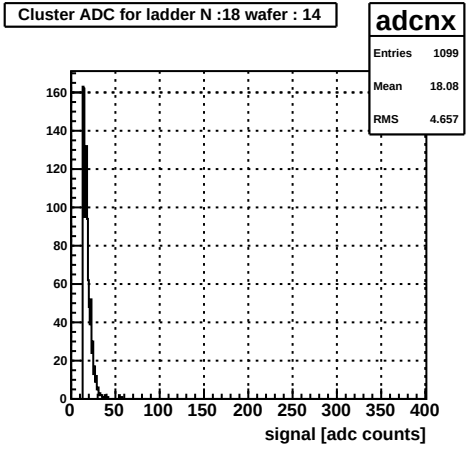

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2169
Mean 30.35
RMS 12.58
signal [adc counts]

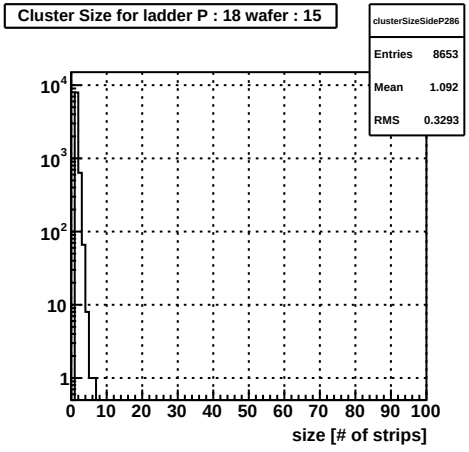

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 556
Mean 1.121
RMS 0.4303
size [# of strips]

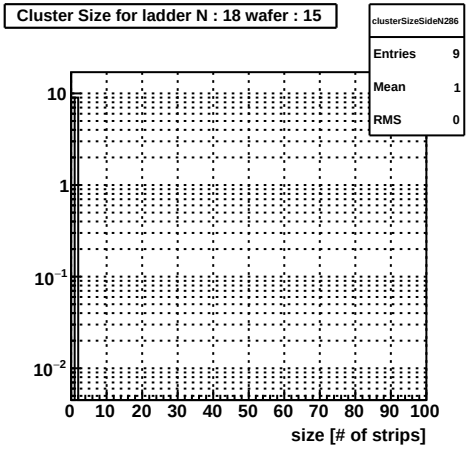

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1099
Mean 1.015
RMS 0.1407
size [# of strips]

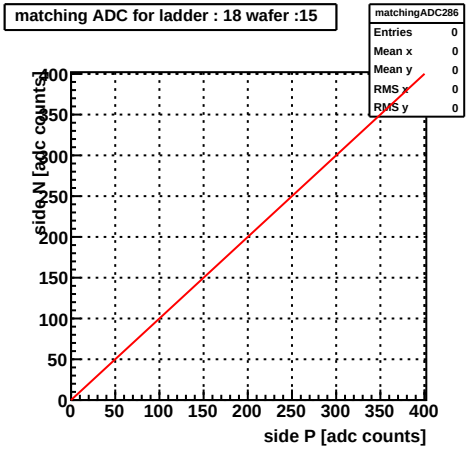

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 114
Mean x 27
Mean y 20.07
RMS x 3.534
RMS y 6.309
side N [adc counts]
side P [adc counts]

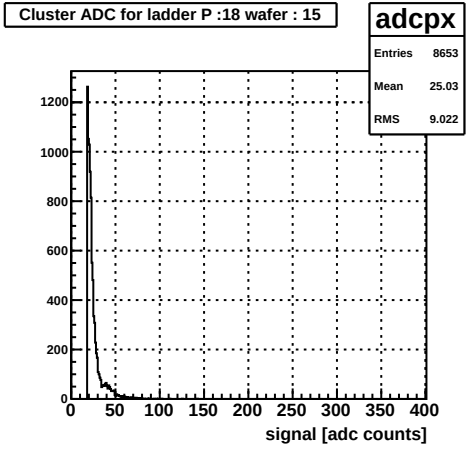

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 556
Mean 26.35
RMS 8.739
signal [adc counts]

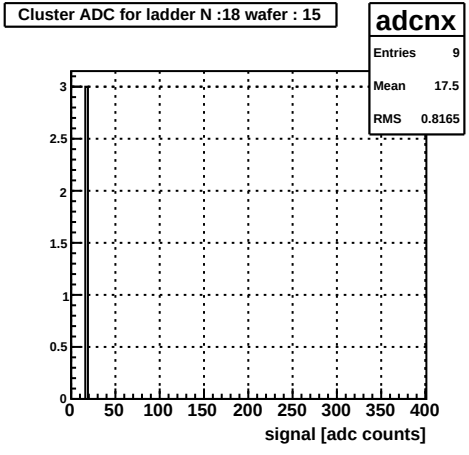

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1099
Mean 18.08
RMS 4.657
signal [adc counts]

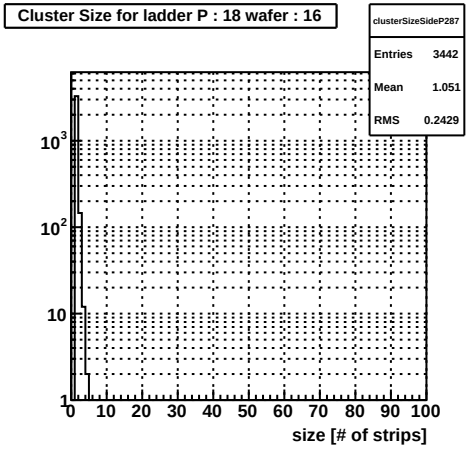

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8653
Mean 1.092
RMS 0.3293
size [# of strips]

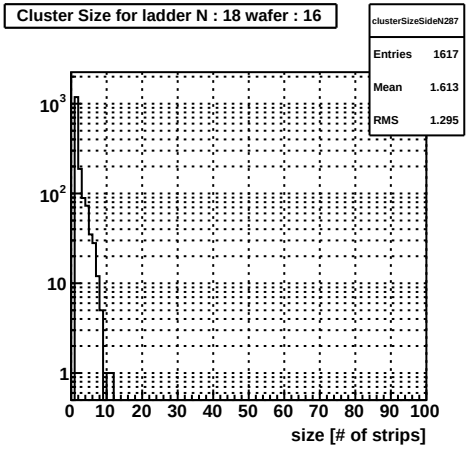

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 9
Mean 1
RMS 0
size [# of strips]

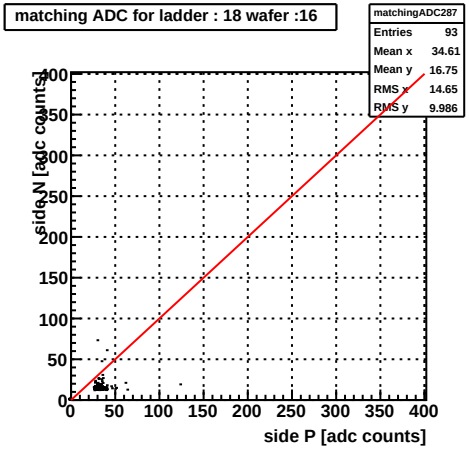

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

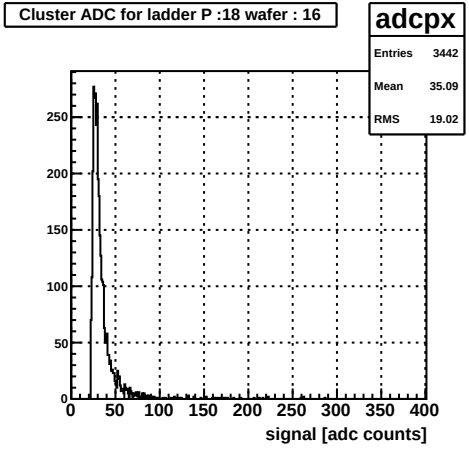

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8653
Mean 25.03
RMS 9.022
signal [adc counts]

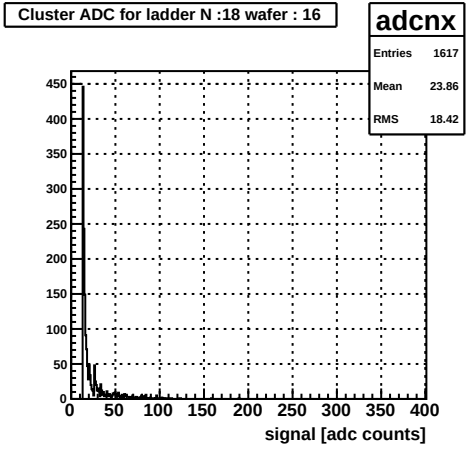

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 9
Mean 17.5
RMS 0.8165
signal [adc counts]

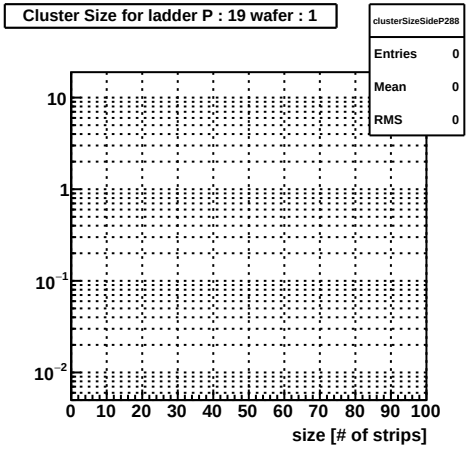

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3442
Mean 1.051
RMS 0.2429
size [# of strips]

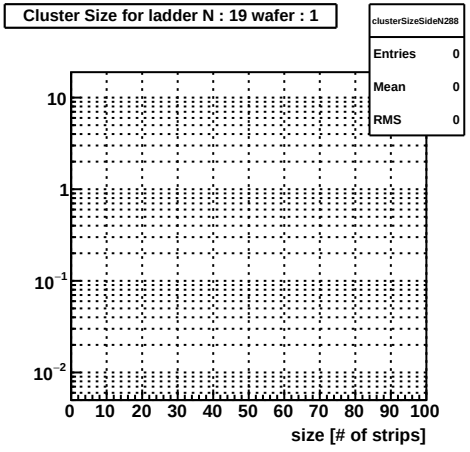

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1617
Mean 1.613
RMS 1.295
size [# of strips]

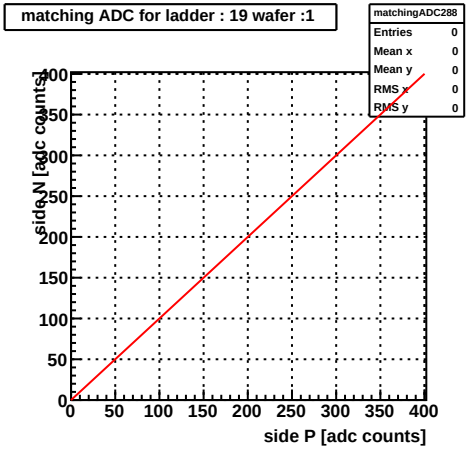

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 93
Mean x 34.61
Mean y 16.75
RMS x 14.65
RMS y 9.986
side N [adc counts]
side P [adc counts]

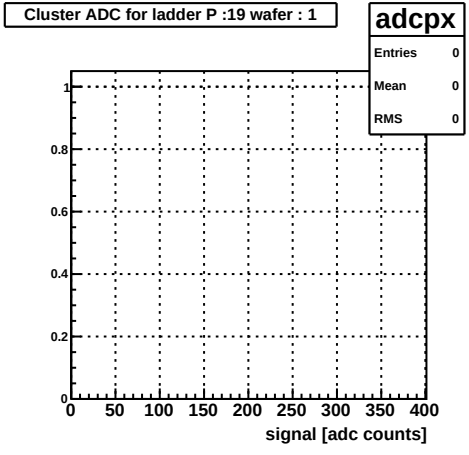

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3442
Mean 35.09
RMS 19.02
signal [adc counts]

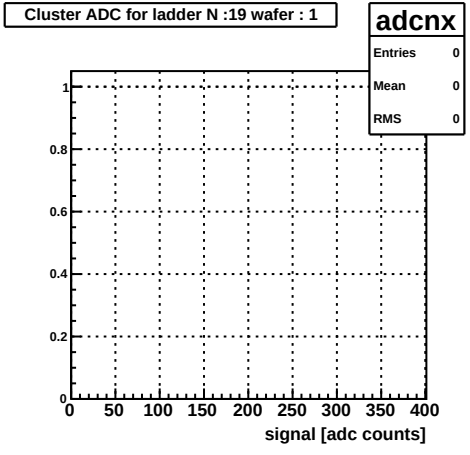

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1617
Mean 23.86
RMS 18.42
signal [adc counts]

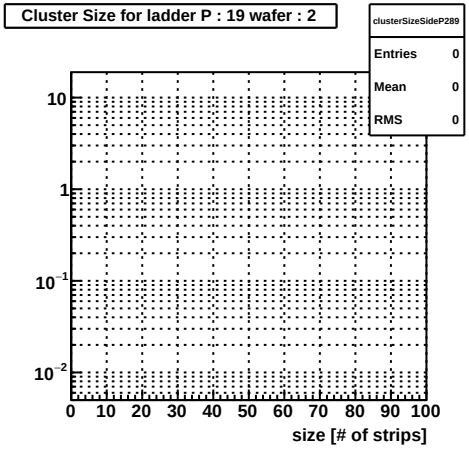

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

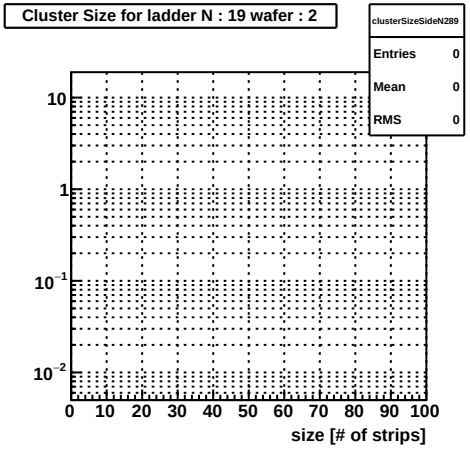

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

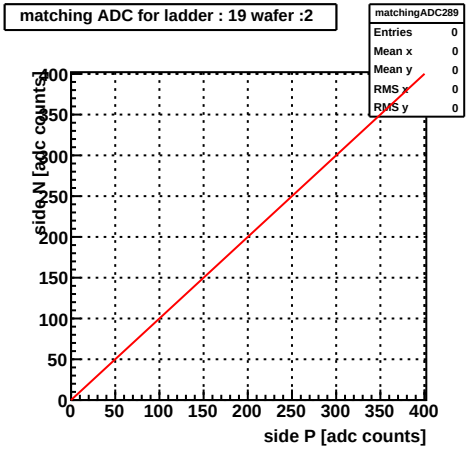

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

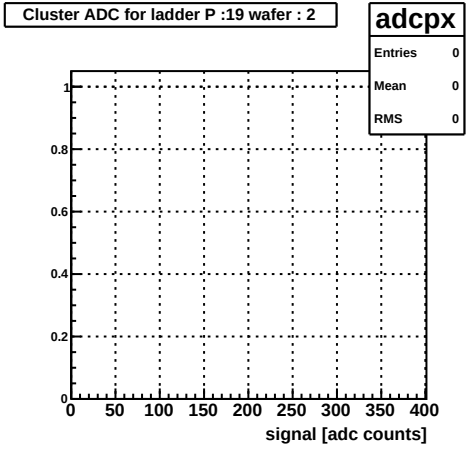

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

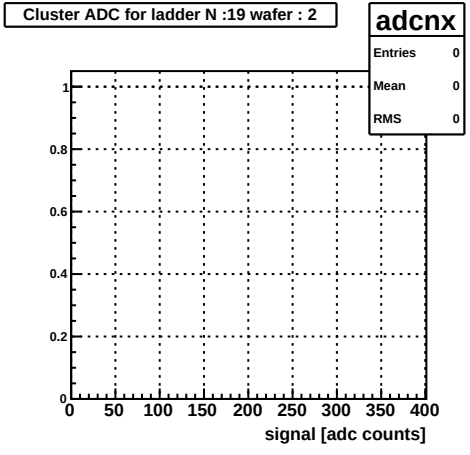

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

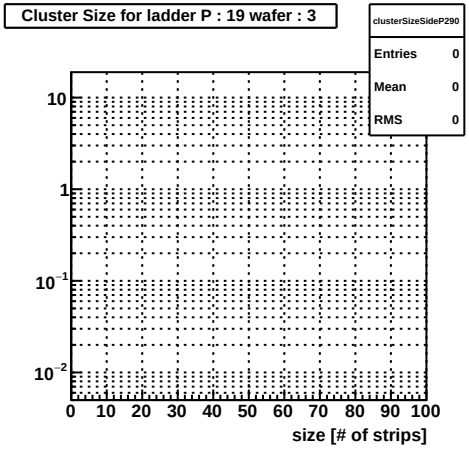

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

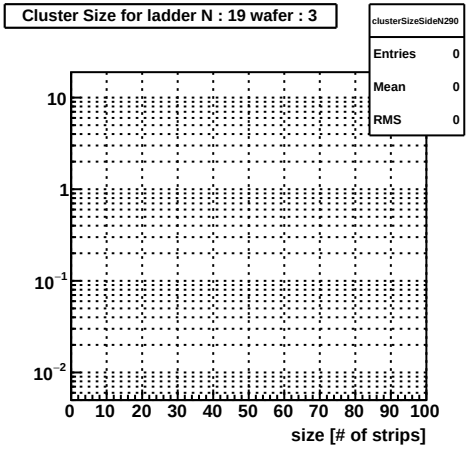

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

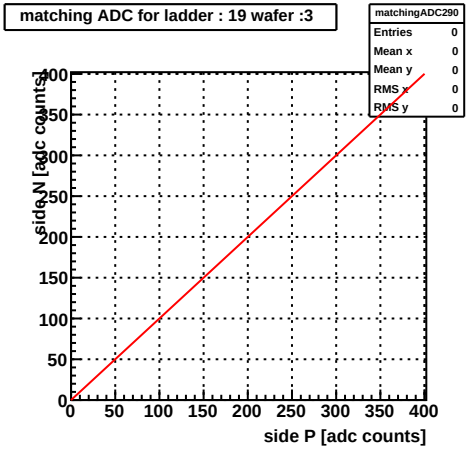

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

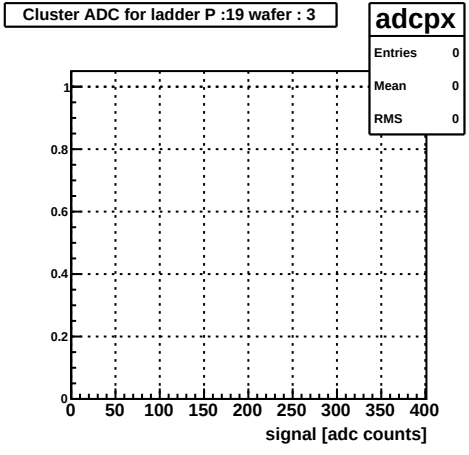

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

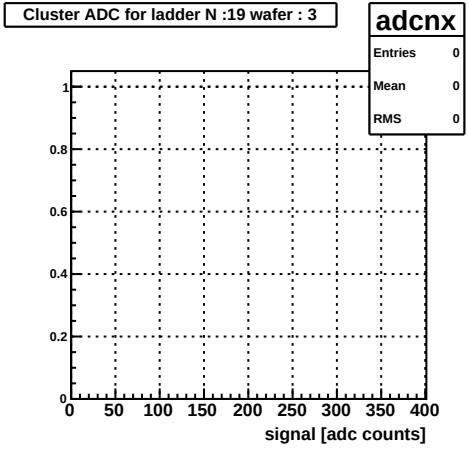

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

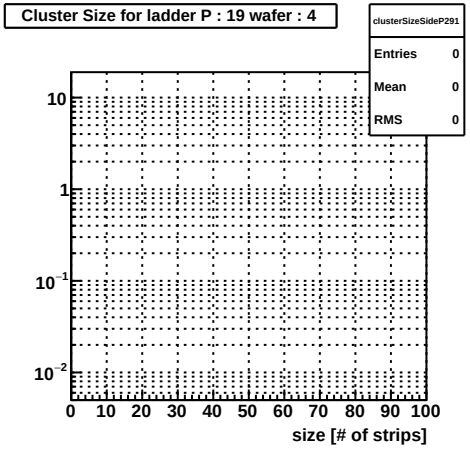

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

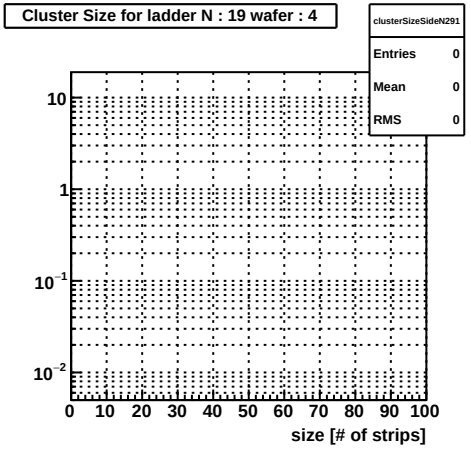

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

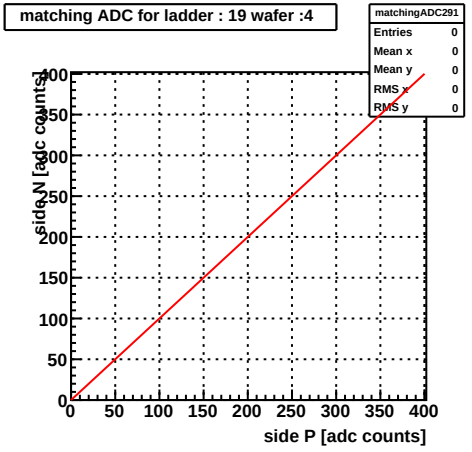

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

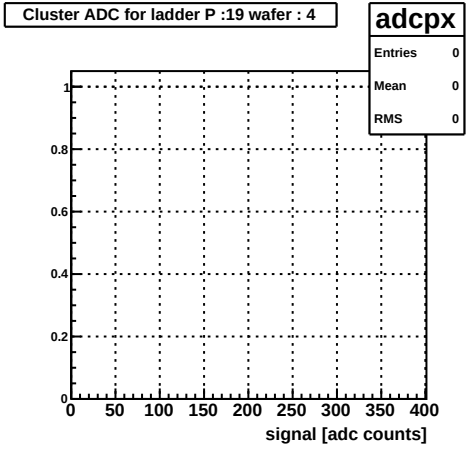

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

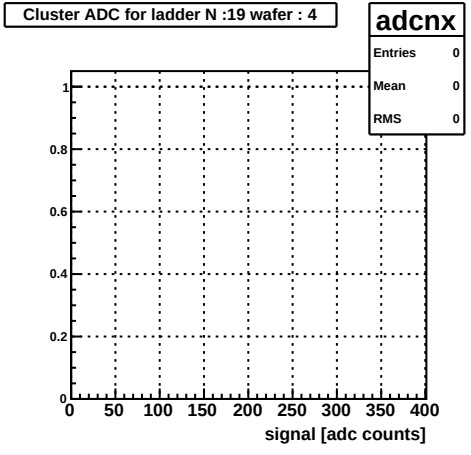

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

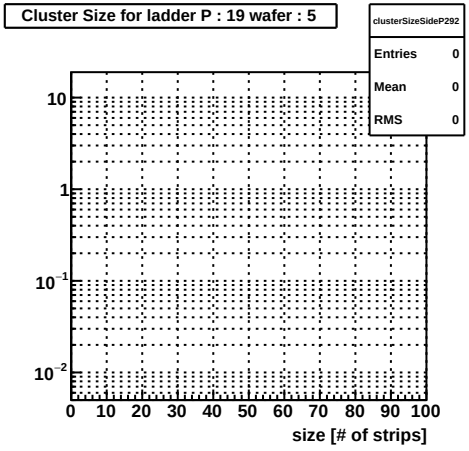

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

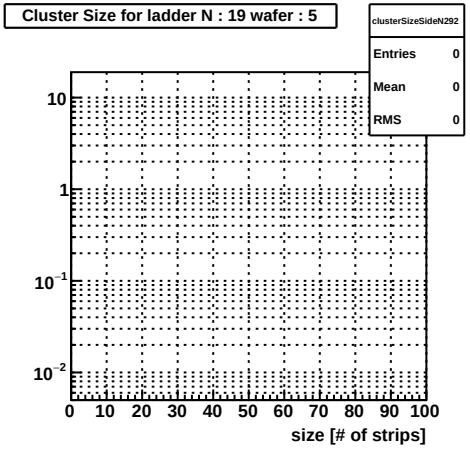

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

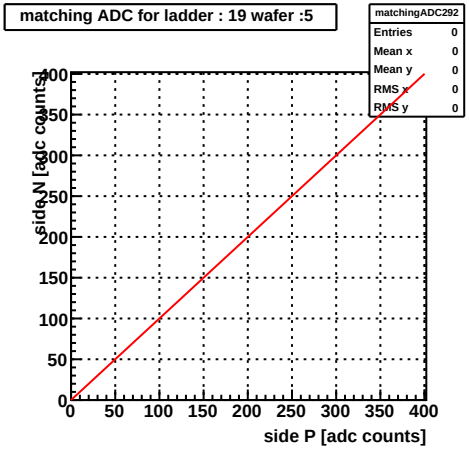

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

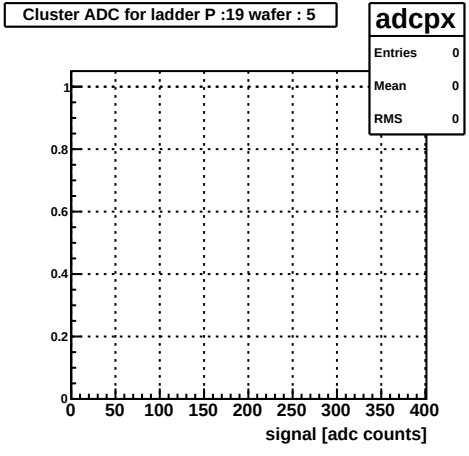

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

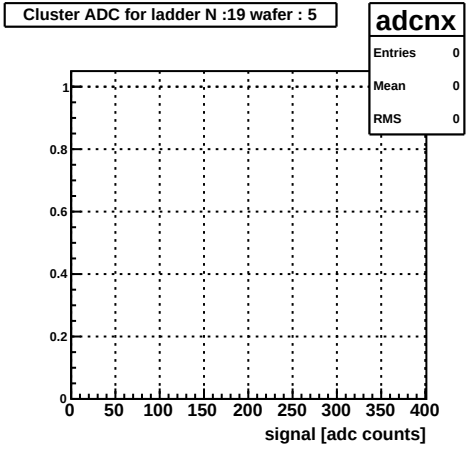

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

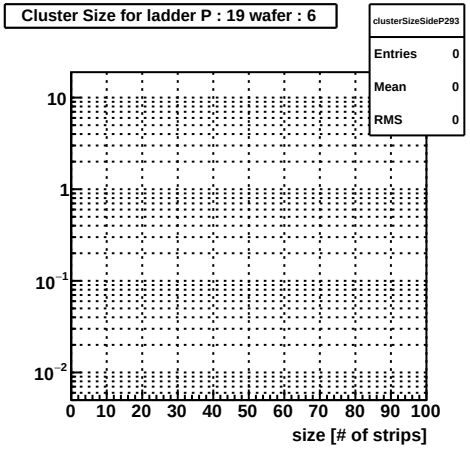

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

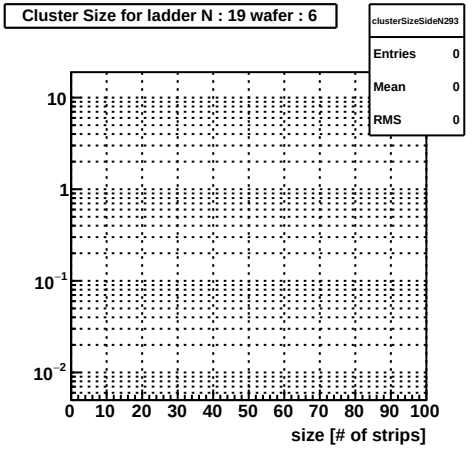

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

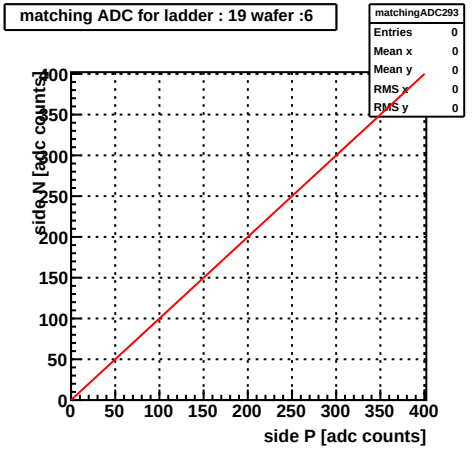

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

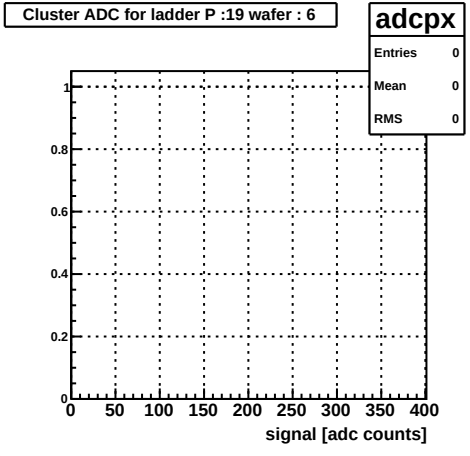

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

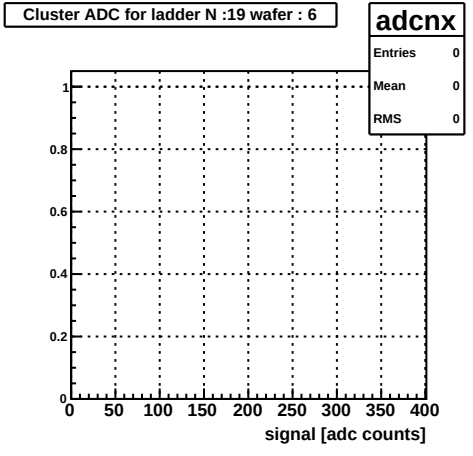

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

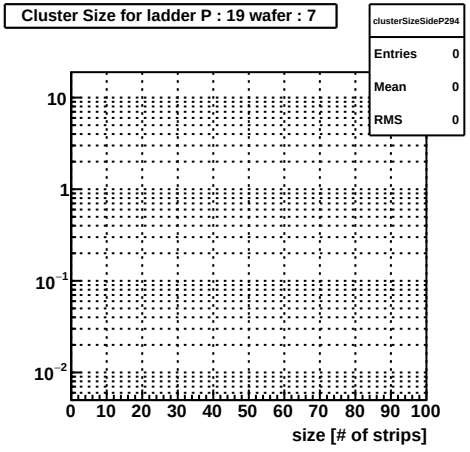

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

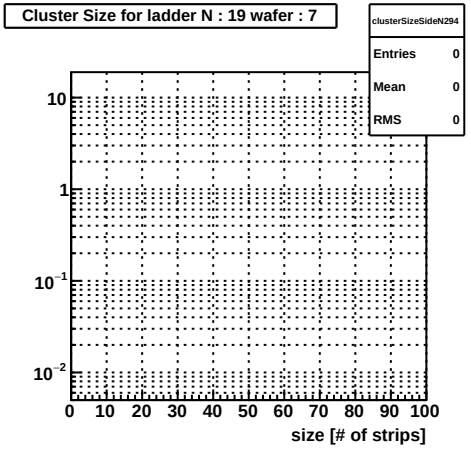

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

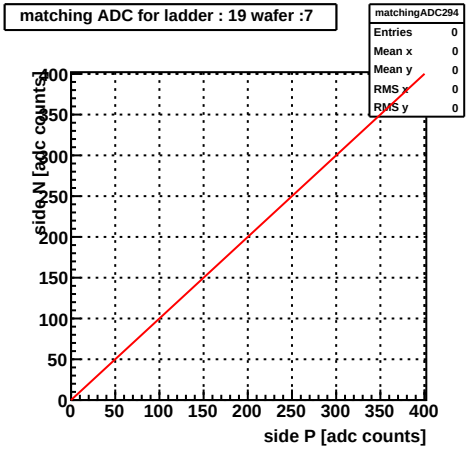

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

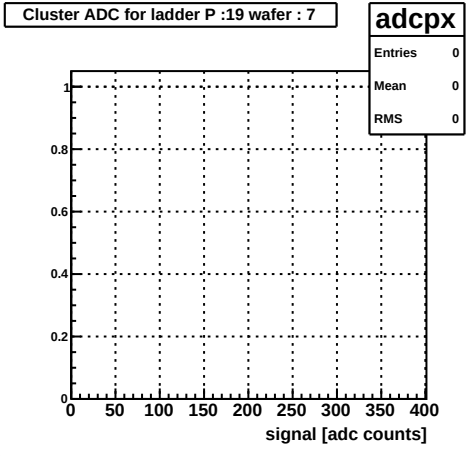

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

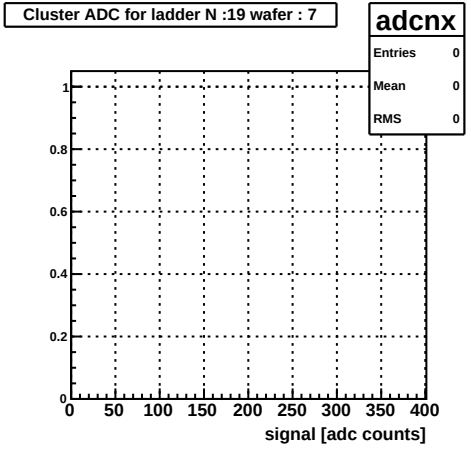

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

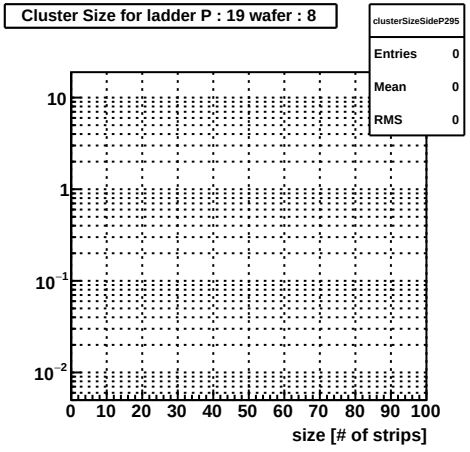

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

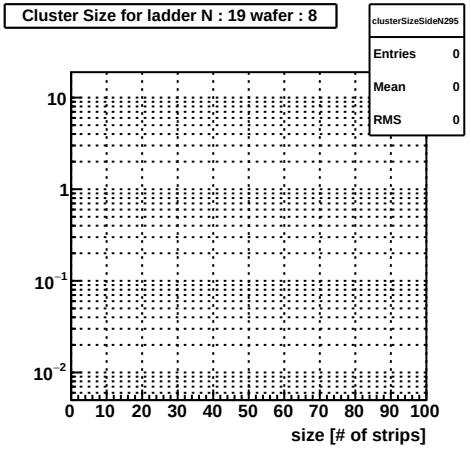

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

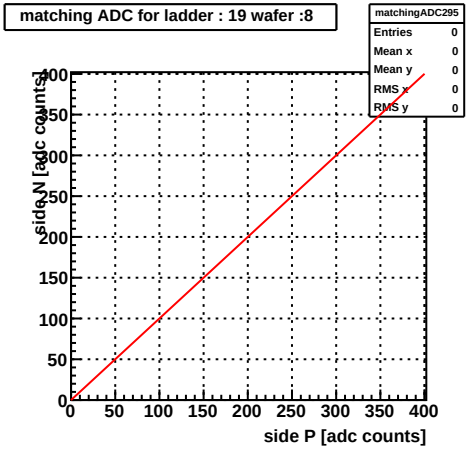

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

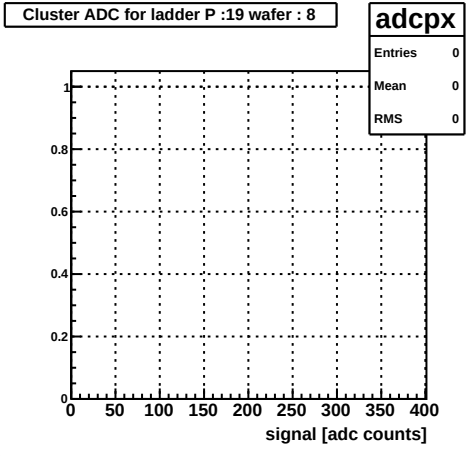

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

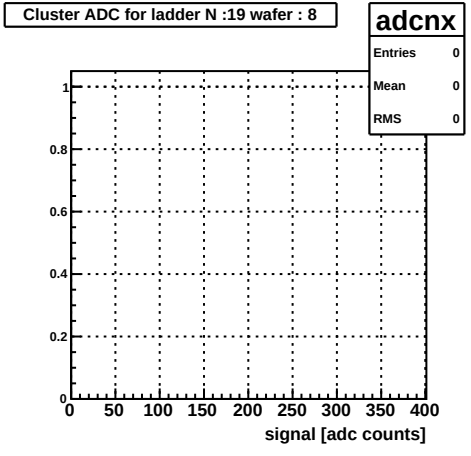

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

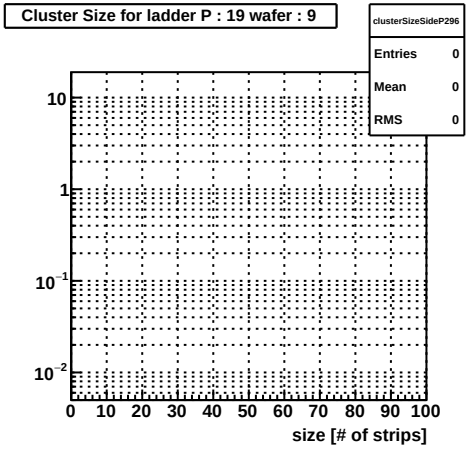

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

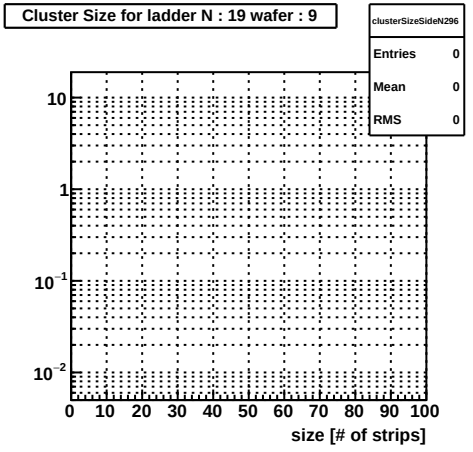

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

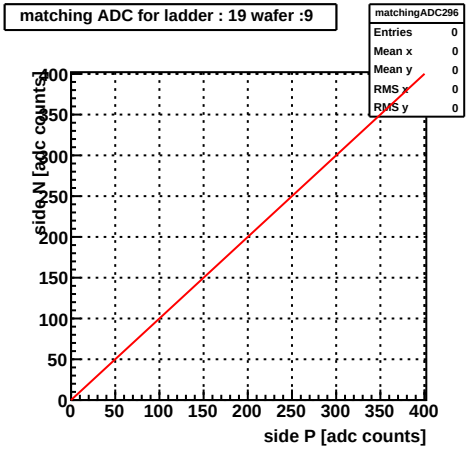

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

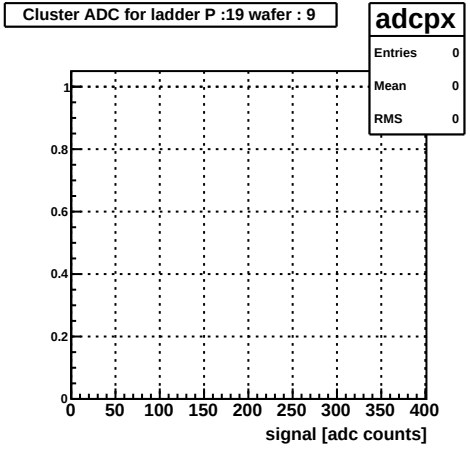

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

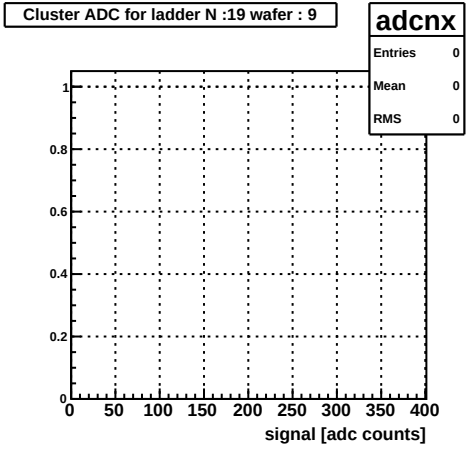

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

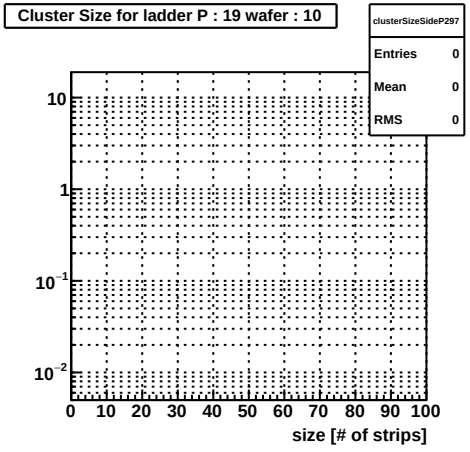

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

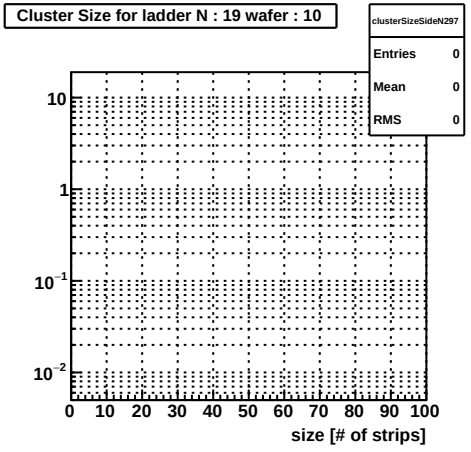

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

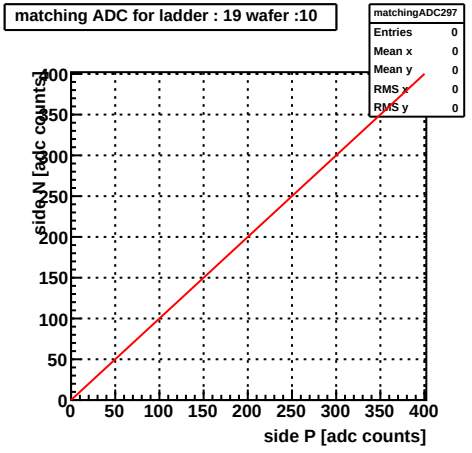

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

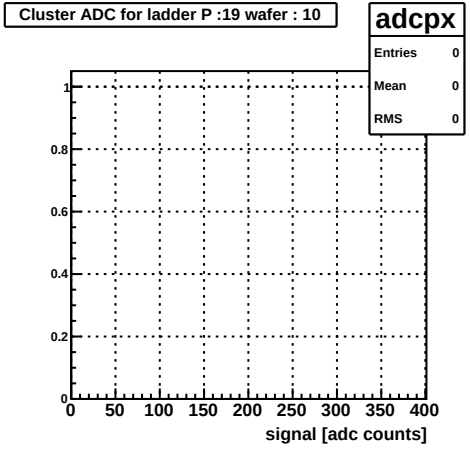

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

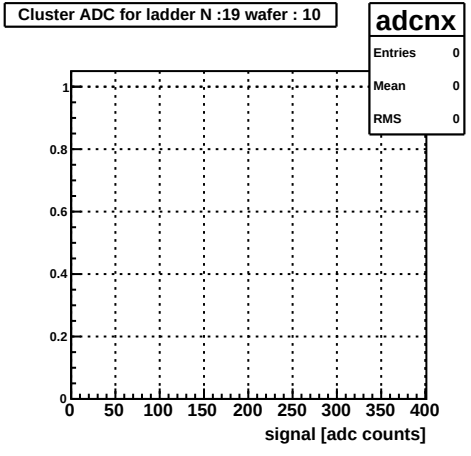

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

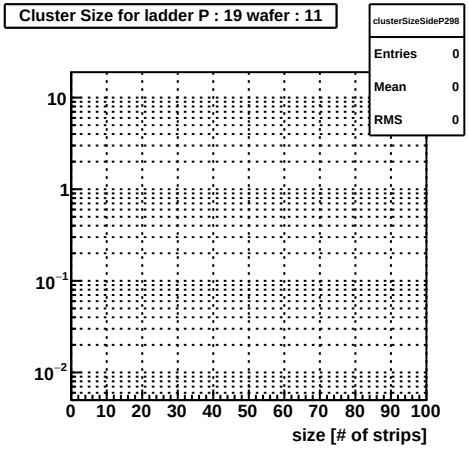

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

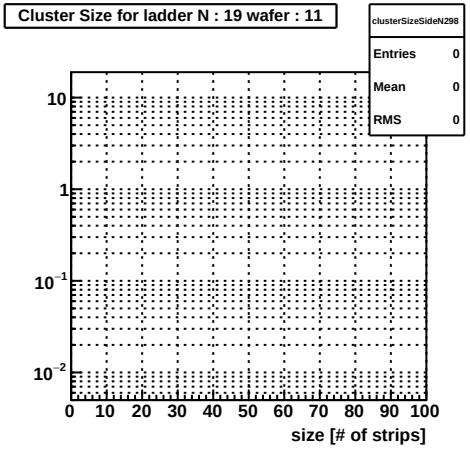

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

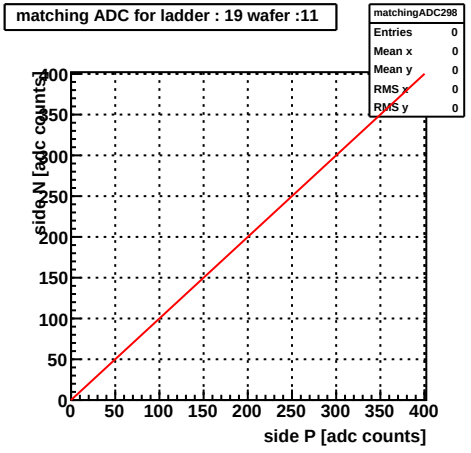

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

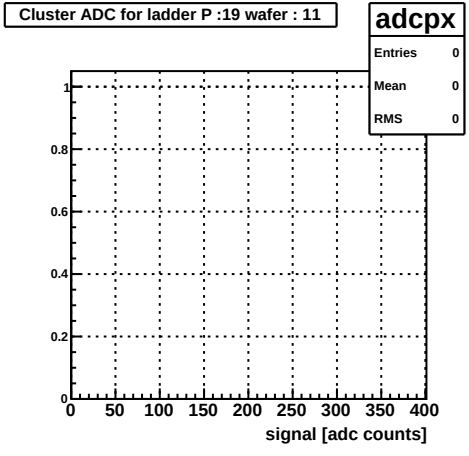

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

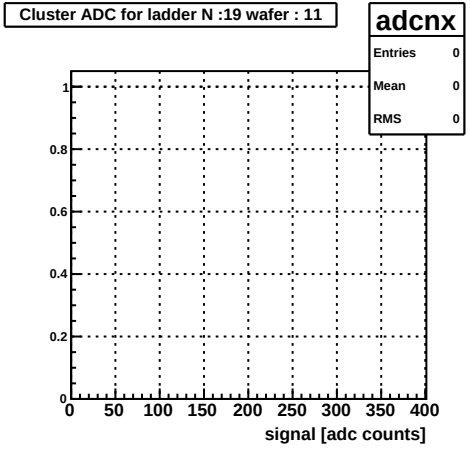

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

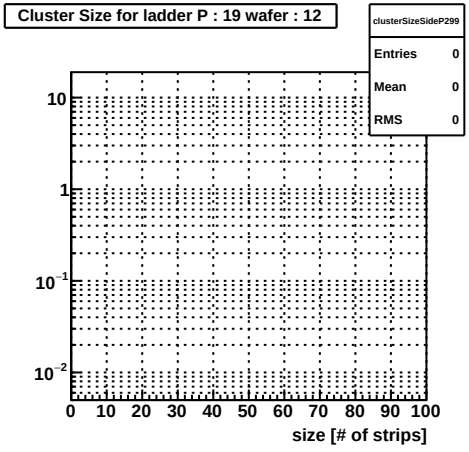

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

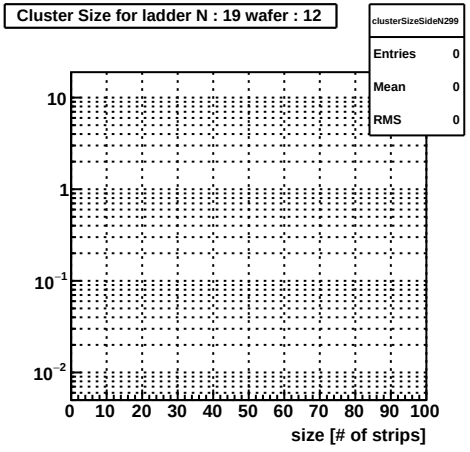

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

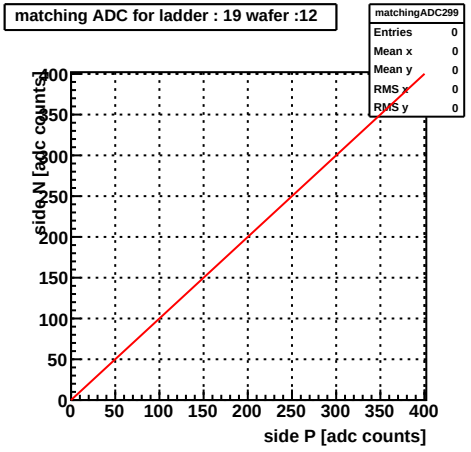

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

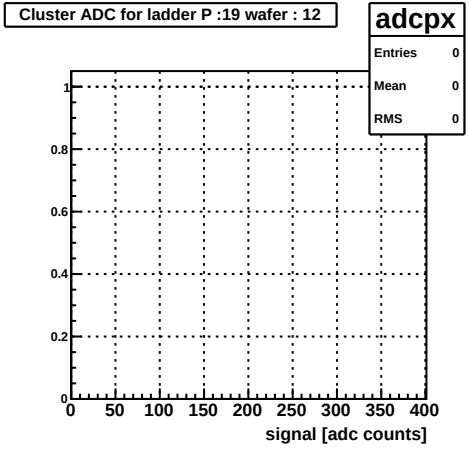

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

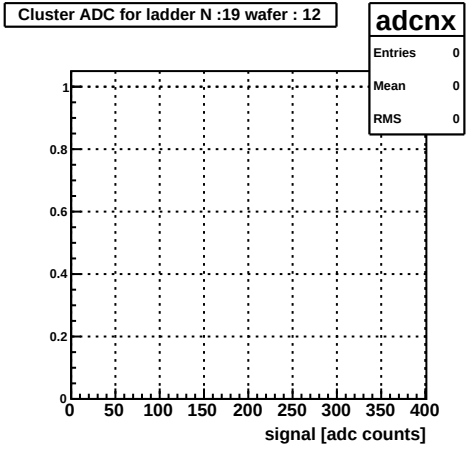

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

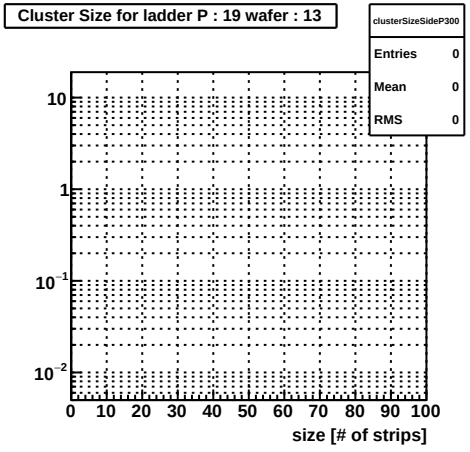

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

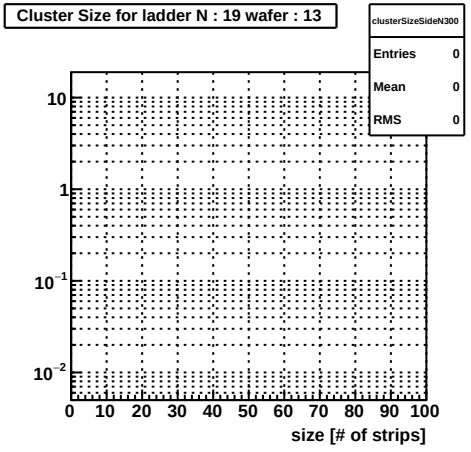

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

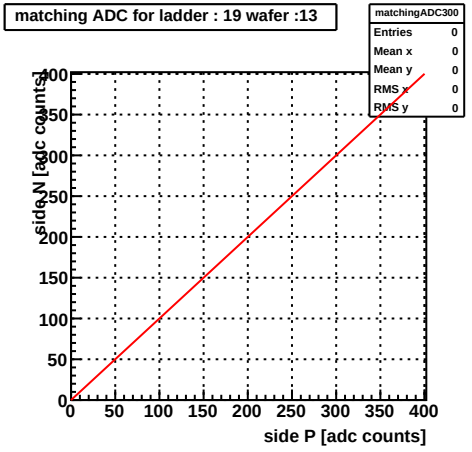

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

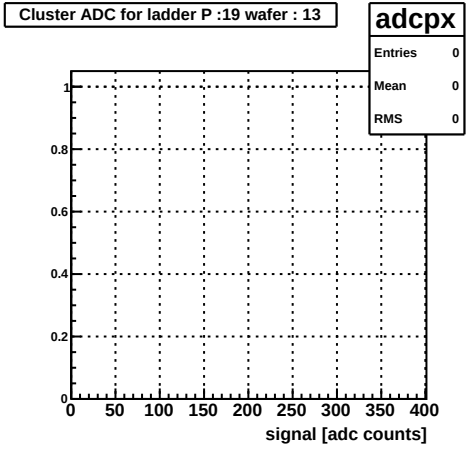

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

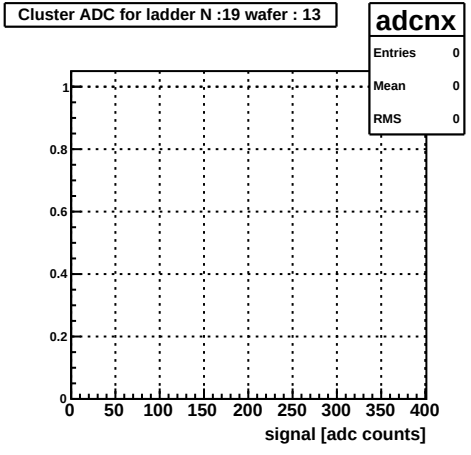

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

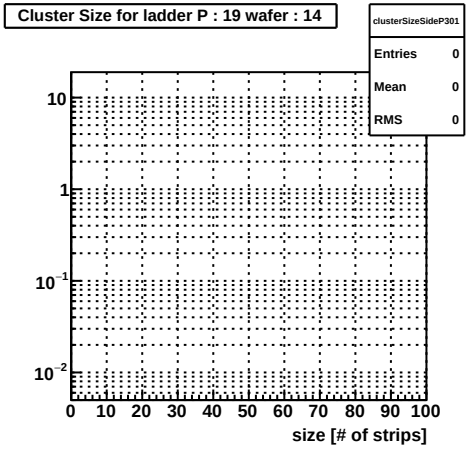

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

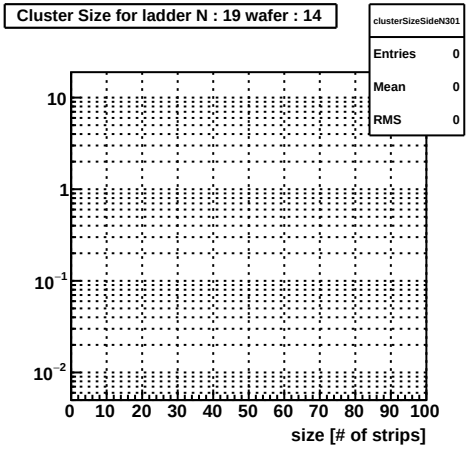

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

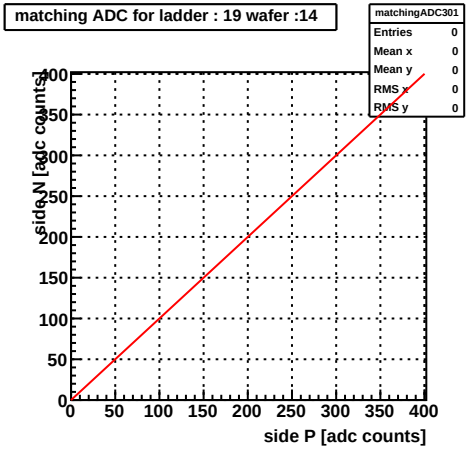

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

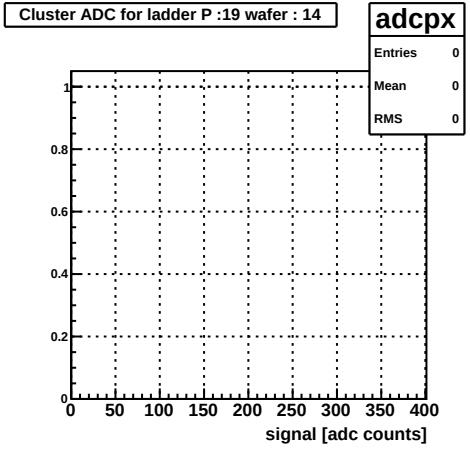

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

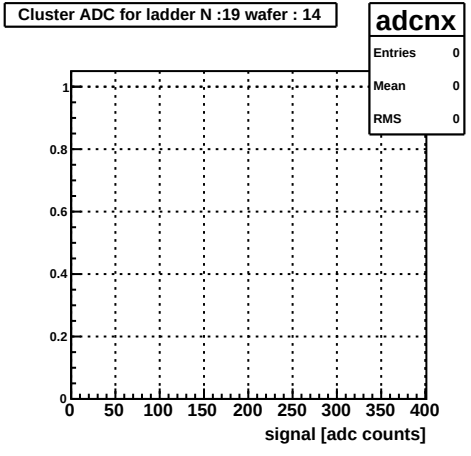

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

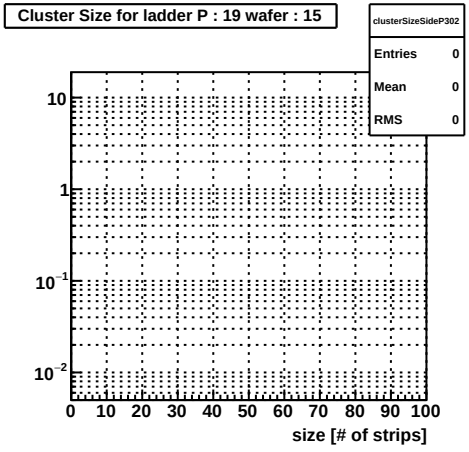

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

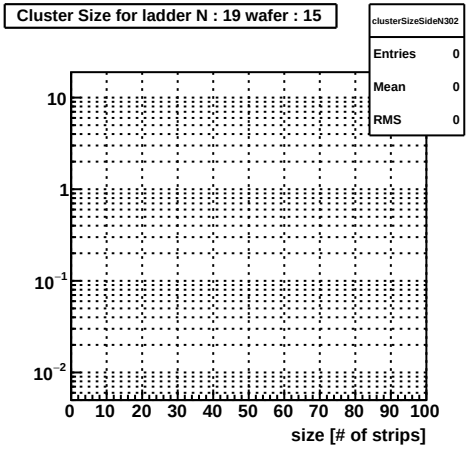

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

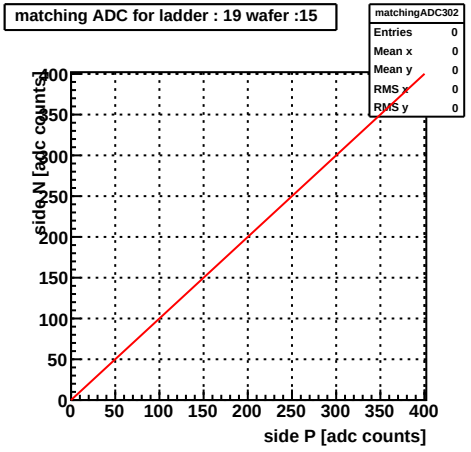

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

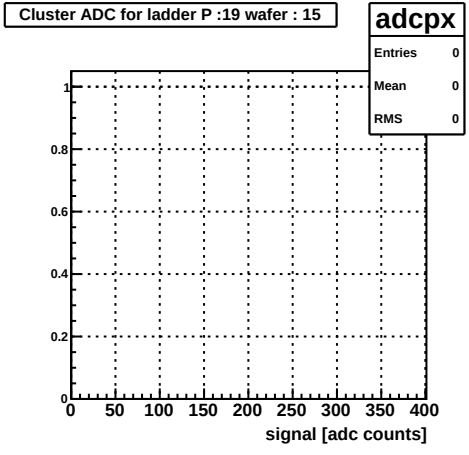

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

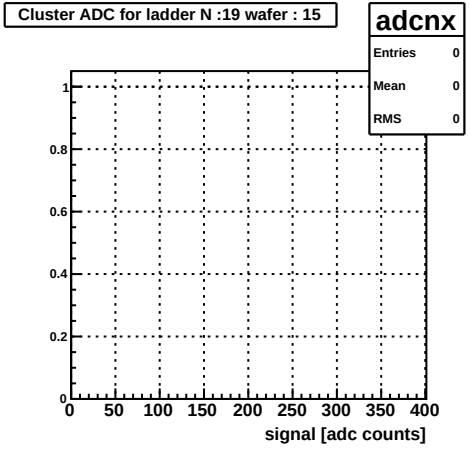

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

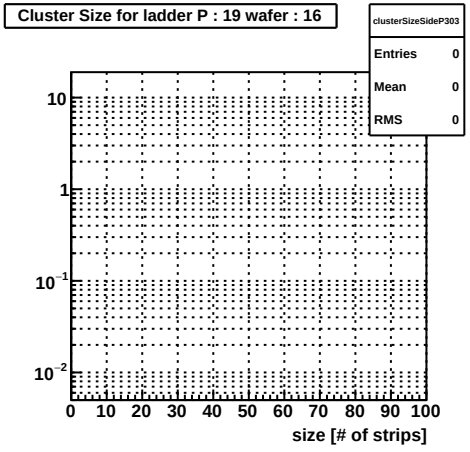

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

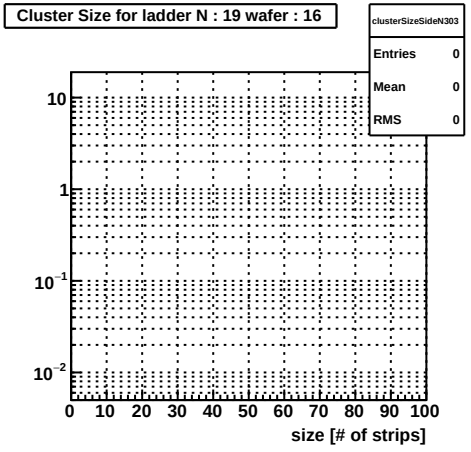

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

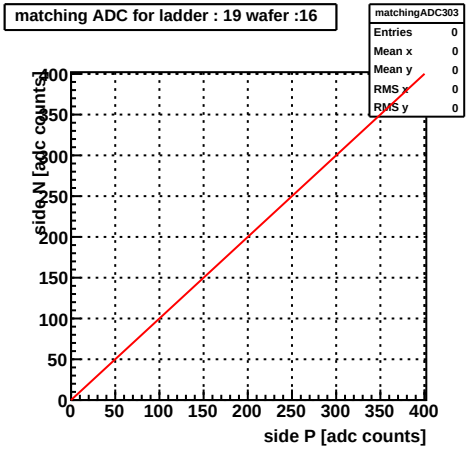

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

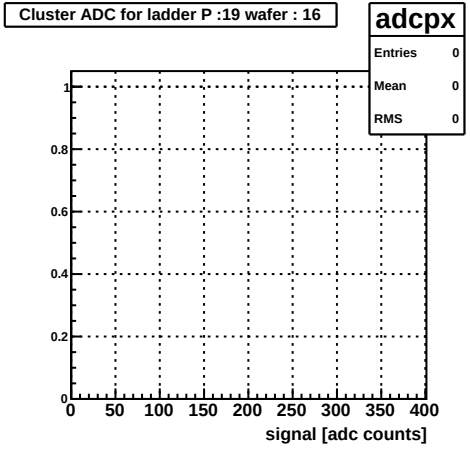

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

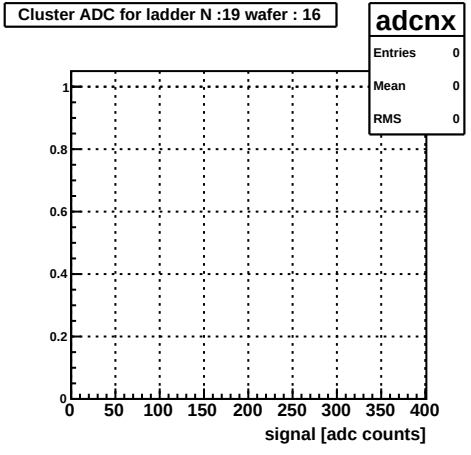

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

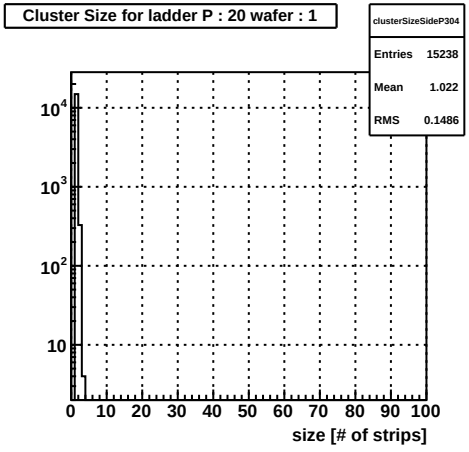

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

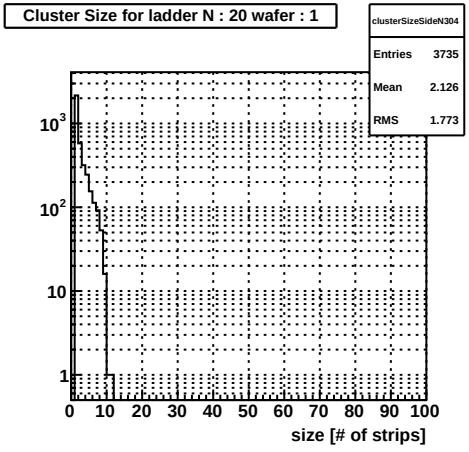

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

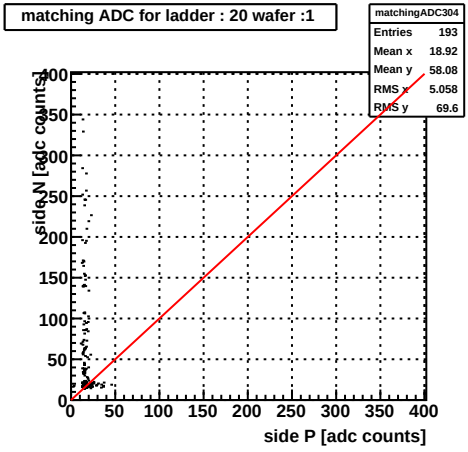

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

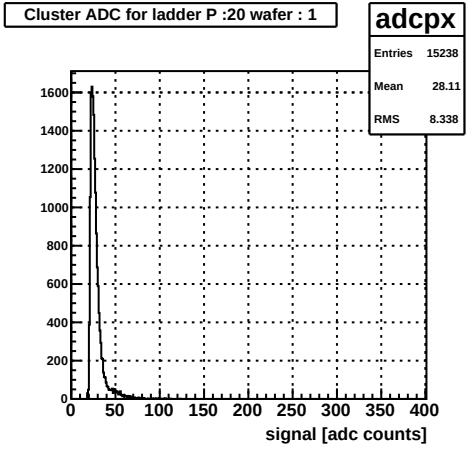

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

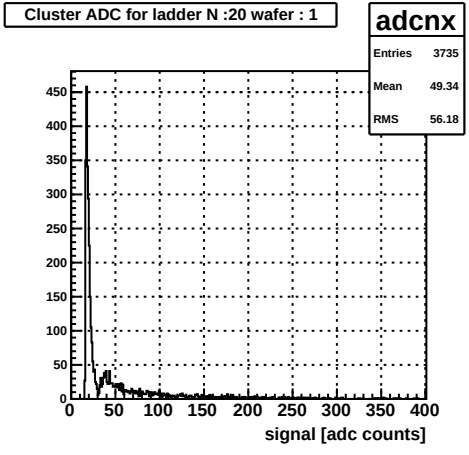

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

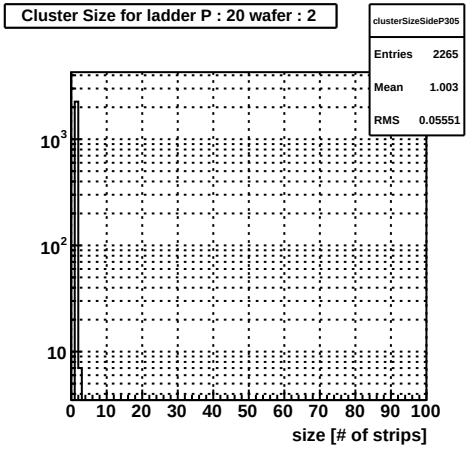

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15238
Mean 1.022
RMS 0.1486
size [# of strips]

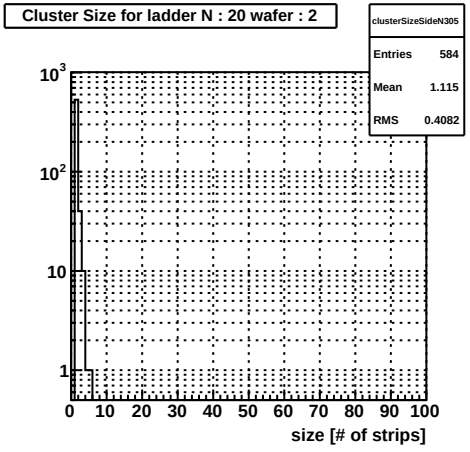

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3735
Mean 2.126
RMS 1.773
size [# of strips]

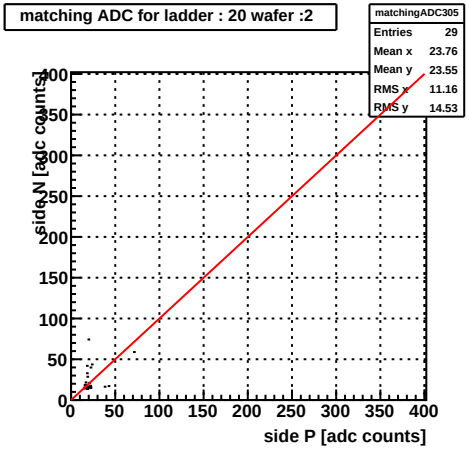

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 193
Mean x 18.92
Mean y 58.08
RMS x 5.058
RMS y 69.6
side N [adc counts]
side P [adc counts]

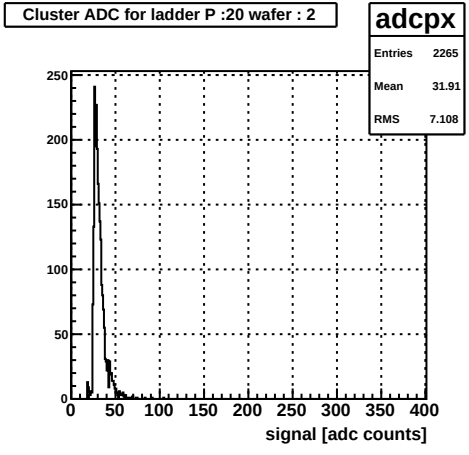

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15238
Mean 28.11
RMS 8.338
signal [adc counts]

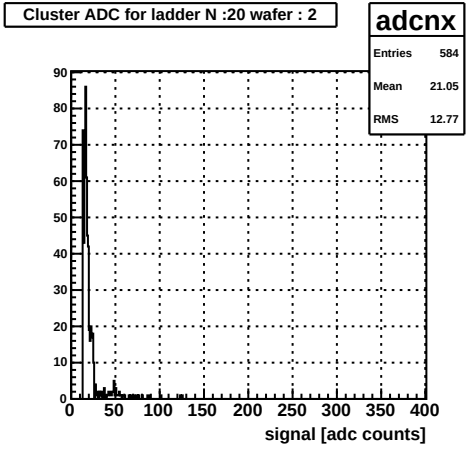

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3735
Mean 49.34
RMS 56.18
signal [adc counts]

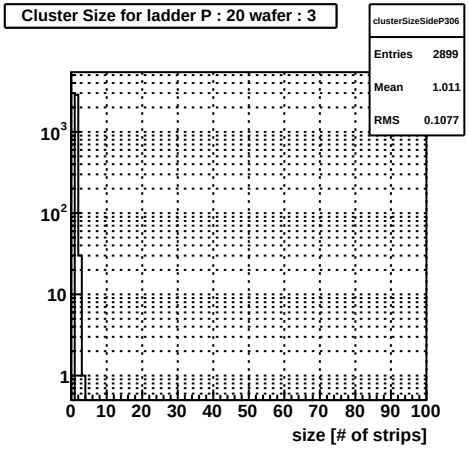

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2265
Mean 1.003
RMS 0.05551
size [# of strips]

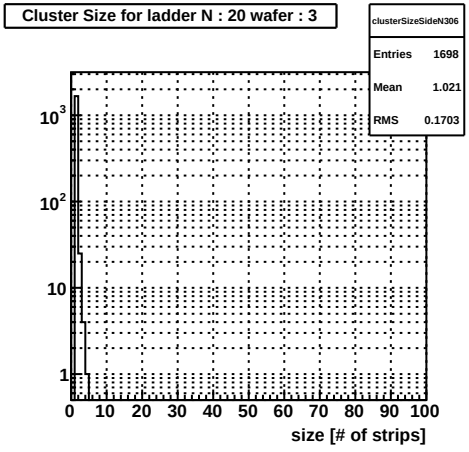

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 584
Mean 1.115
RMS 0.4082
size [# of strips]

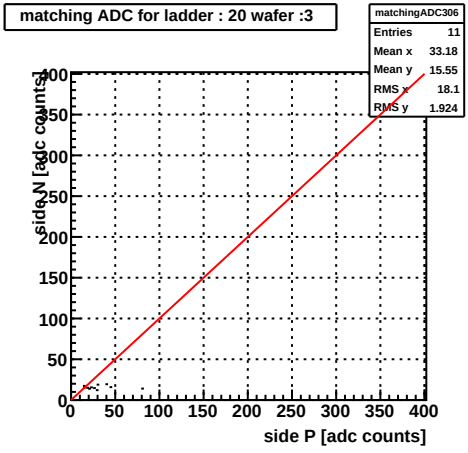

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 29
Mean x 23.76
Mean y 23.55
RMS x 11.16
RMS y 14.53
side N [adc counts]
side P [adc counts]

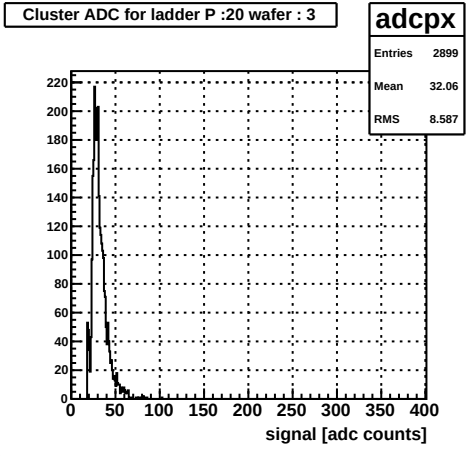

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2265
Mean 31.91
RMS 7.108
signal [adc counts]

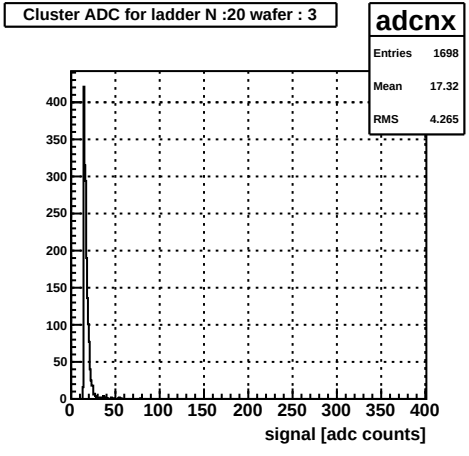

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 584
Mean 21.05
RMS 12.77
signal [adc counts]

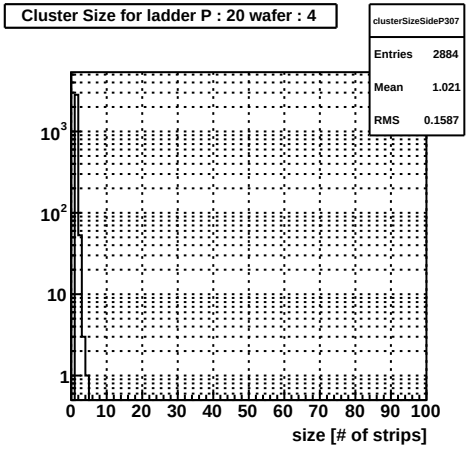

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2899
Mean 1.011
RMS 0.1077
size [# of strips]

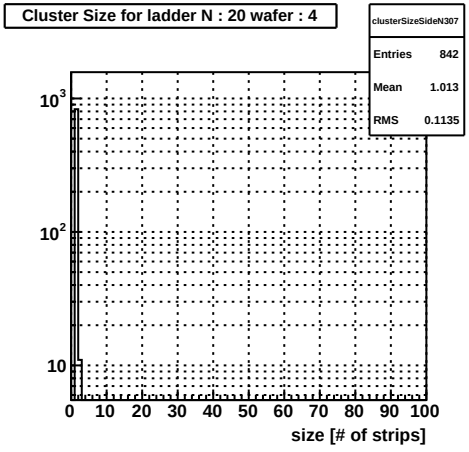

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1698
Mean 1.021
RMS 0.1703
size [# of strips]

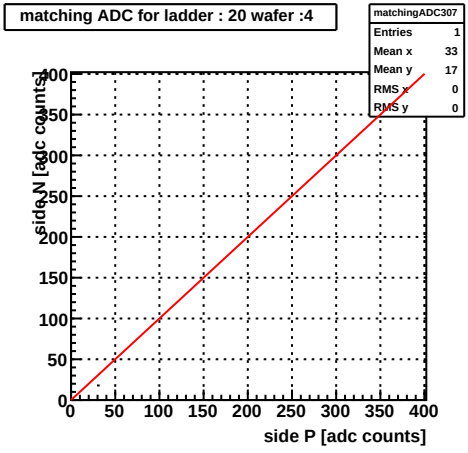

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 11
Mean x 33.18
Mean y 15.55
RMS x 18.1
RMS y 1.924
side N [adc counts]
side P [adc counts]

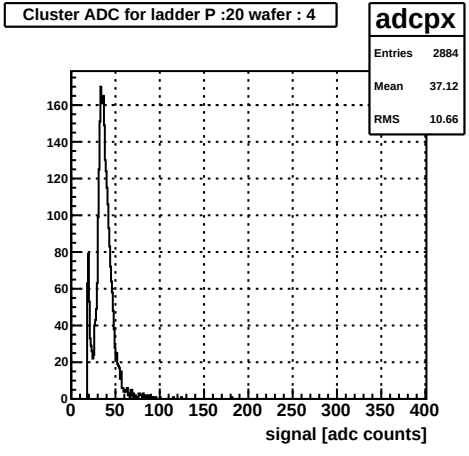

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2899
Mean 32.06
RMS 8.587
signal [adc counts]

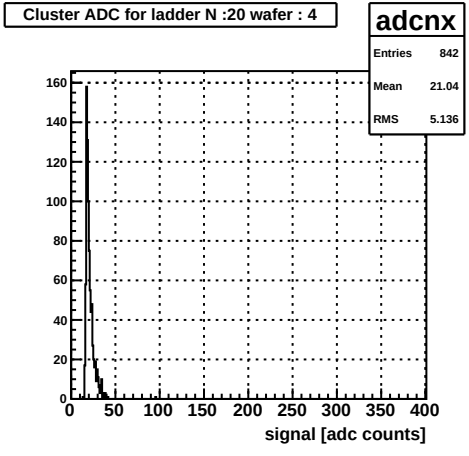

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1698
Mean 17.32
RMS 4.265
signal [adc counts]

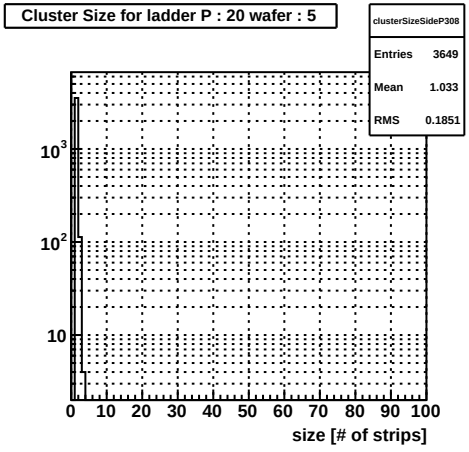

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2884
Mean 1.021
RMS 0.1587
size [# of strips]

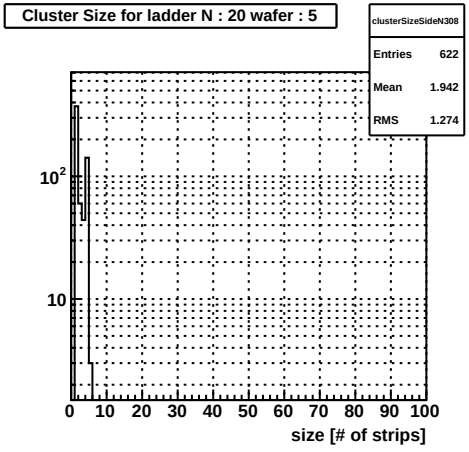

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 842
Mean 1.013
RMS 0.1135
size [# of strips]

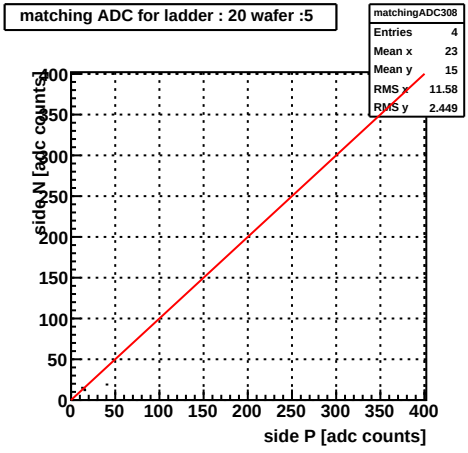

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1
Mean x 33
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

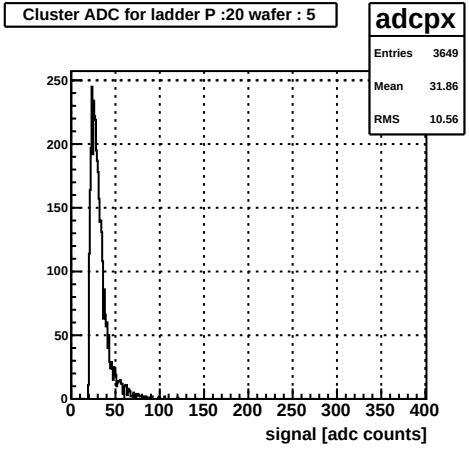

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2884
Mean 37.12
RMS 10.66
signal [adc counts]

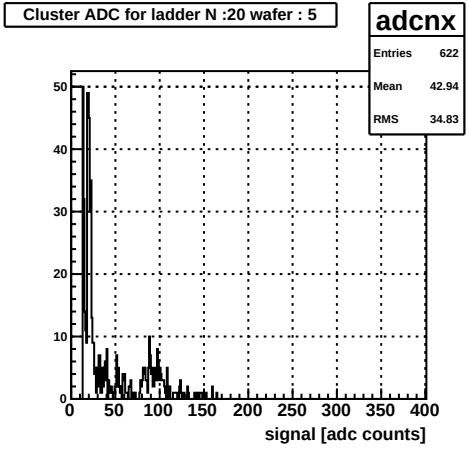

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 842
Mean 21.04
RMS 5.136
signal [adc counts]

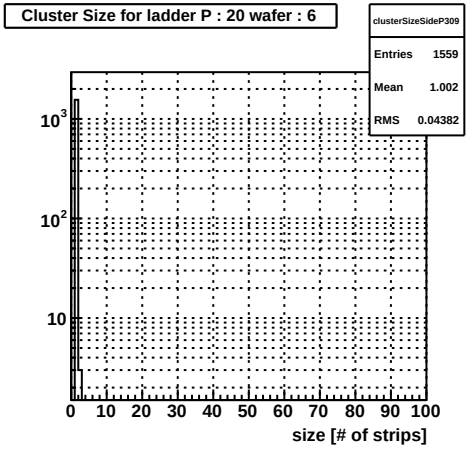

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3649
Mean 1.033
RMS 0.1851
size [# of strips]

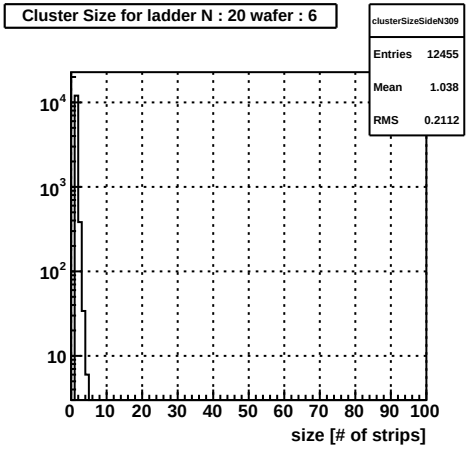

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 622
Mean 1.942
RMS 1.274
size [# of strips]

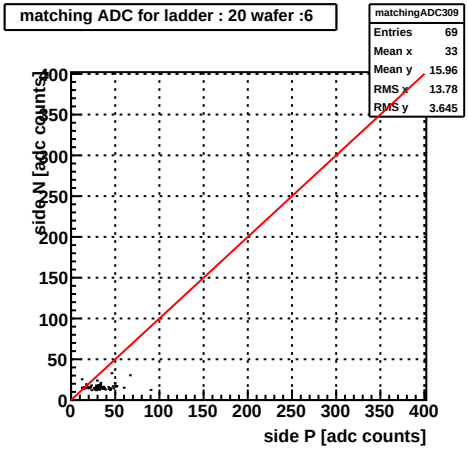

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 4
Mean x 23
Mean y 15
RMS x 11.58
RMS y 2.449
side N [adc counts]
side P [adc counts]

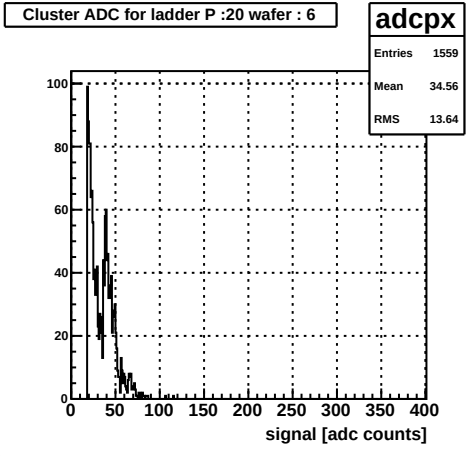

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3649
Mean 31.86
RMS 10.56
signal [adc counts]

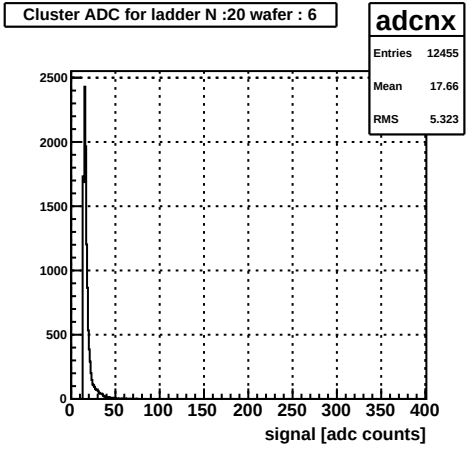

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 622
Mean 42.94
RMS 34.83
signal [adc counts]

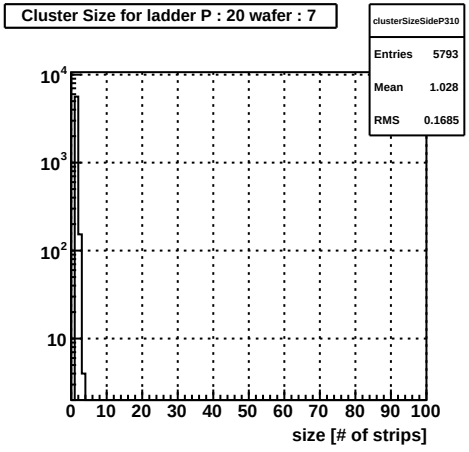

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1559
Mean 1.002
RMS 0.04382
size [# of strips]

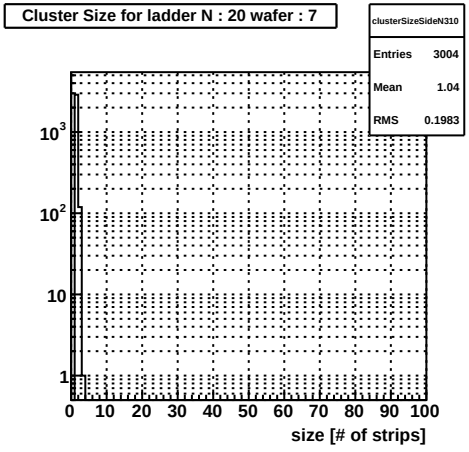

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12455
Mean 1.038
RMS 0.2112
size [# of strips]

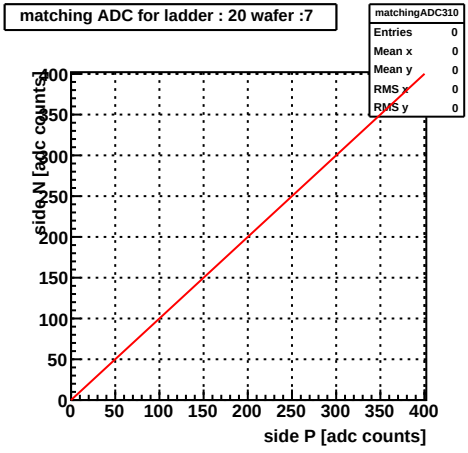

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 69
Mean x 33
Mean y 15.96
RMS x 13.78
RMS y 3.645
side N [adc counts]
side P [adc counts]

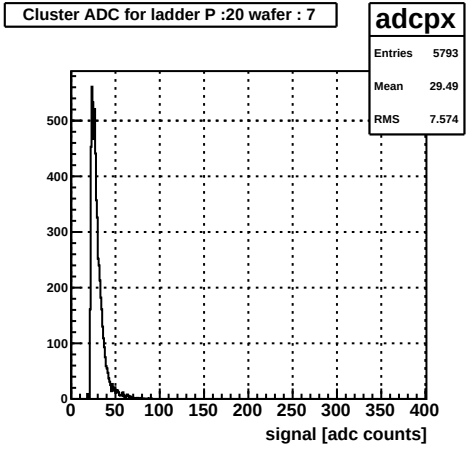

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1559
Mean 34.56
RMS 13.64
signal [adc counts]

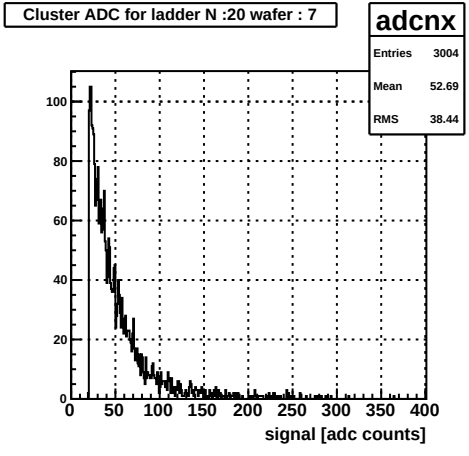

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12455
Mean 17.66
RMS 5.323
signal [adc counts]

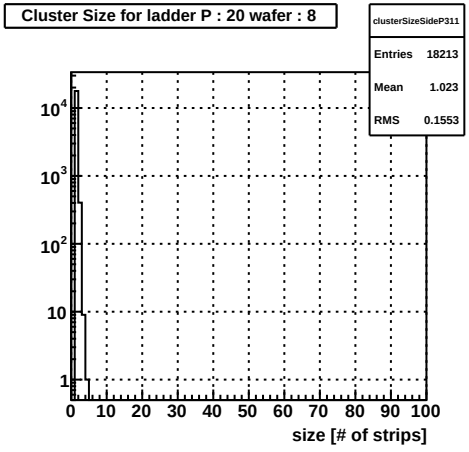

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5793
Mean 1.028
RMS 0.1685
size [# of strips]

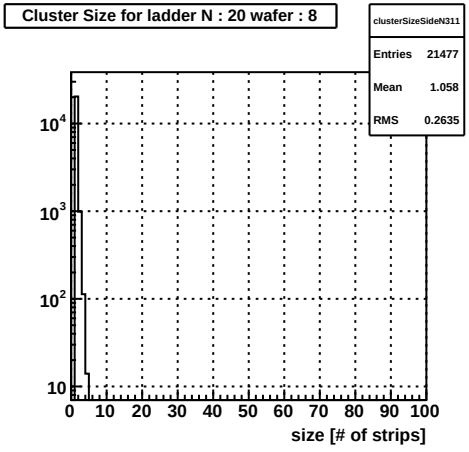

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 3004
Mean 1.04
RMS 0.1983
size [# of strips]

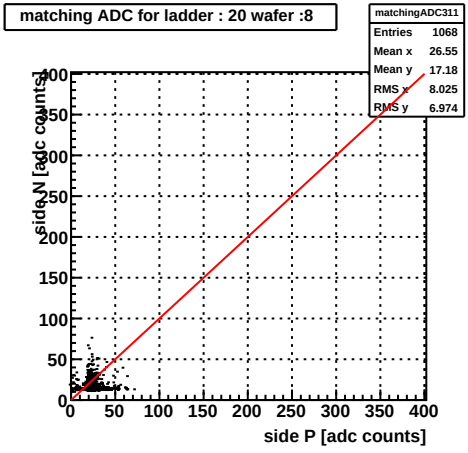

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

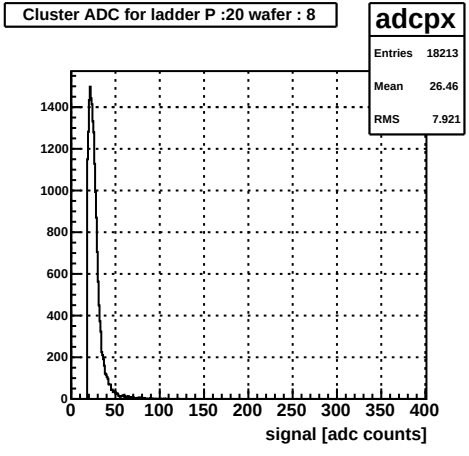

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5793
Mean 29.49
RMS 7.574
signal [adc counts]

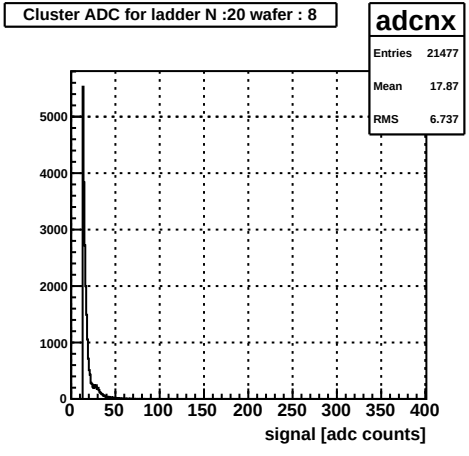

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 3004
Mean 52.69
RMS 38.44
signal [adc counts]

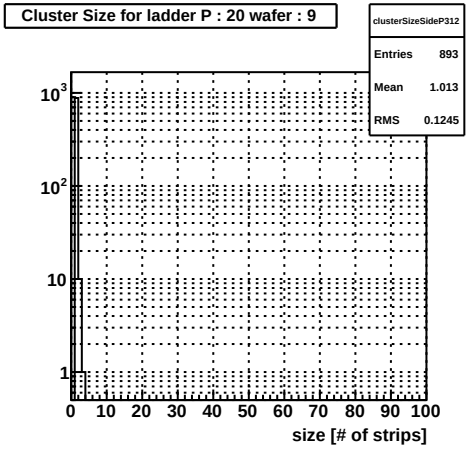

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 18213
Mean 1.023
RMS 0.1553
size [# of strips]

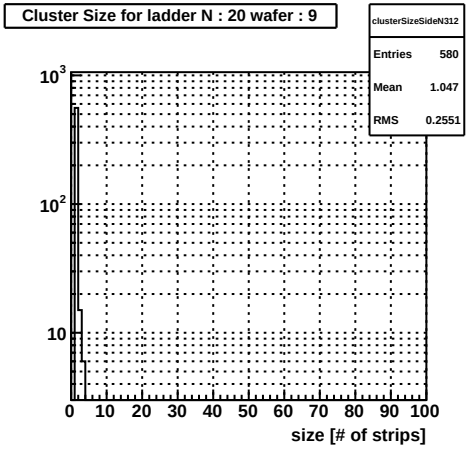

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 21477
Mean 1.058
RMS 0.2635
size [# of strips]

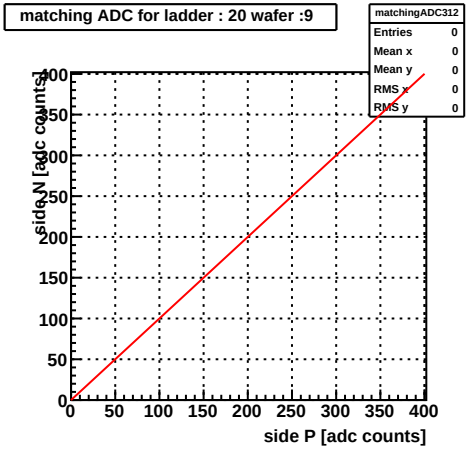

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1068
Mean x 26.55
Mean y 17.18
RMS x 8.025
RMS y 6.974
side N [adc counts]
side P [adc counts]

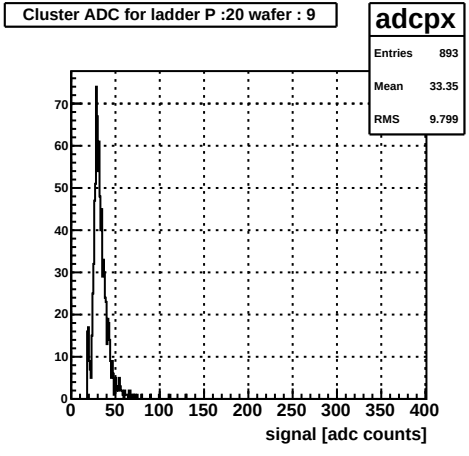

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 18213
Mean 26.46
RMS 7.921
signal [adc counts]

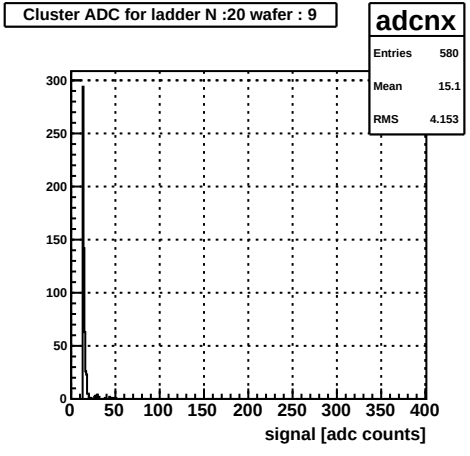

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 21477
Mean 17.87
RMS 6.737
signal [adc counts]

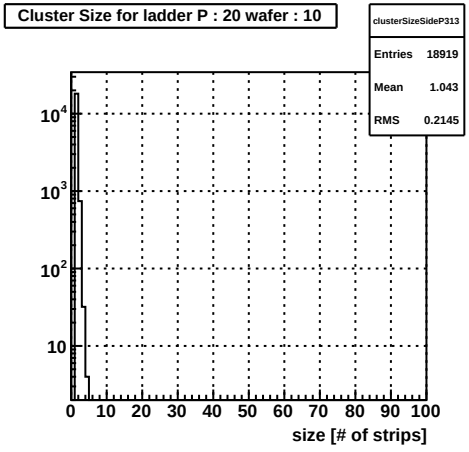

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 893
Mean 1.013
RMS 0.1245
size [# of strips]

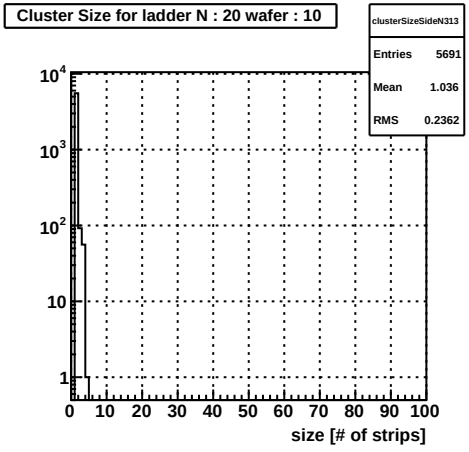

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 580
Mean 1.047
RMS 0.2551
size [# of strips]

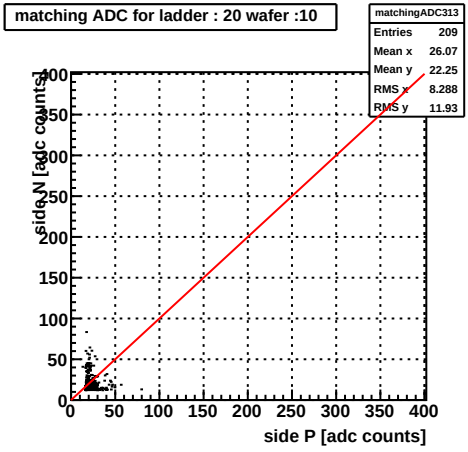

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

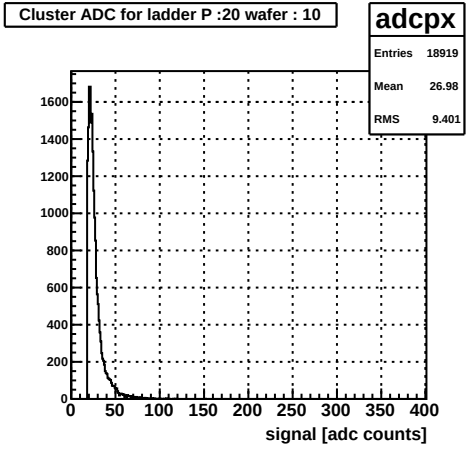

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 893
Mean 33.35
RMS 9.799
signal [adc counts]

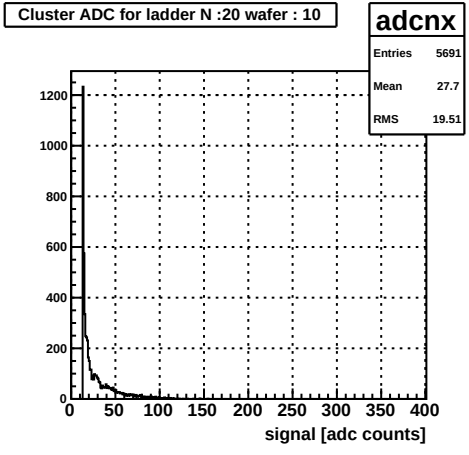

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 580
Mean 15.1
RMS 4.153
signal [adc counts]

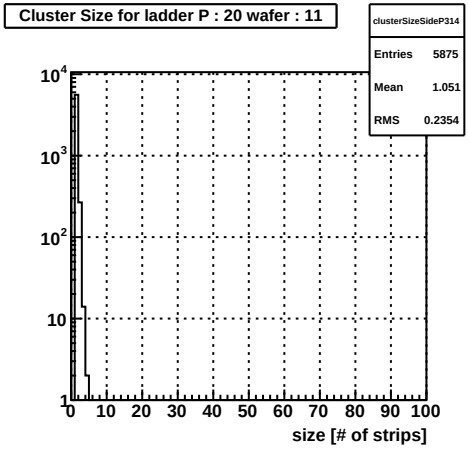

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 18919
Mean 1.043
RMS 0.2145
size [# of strips]

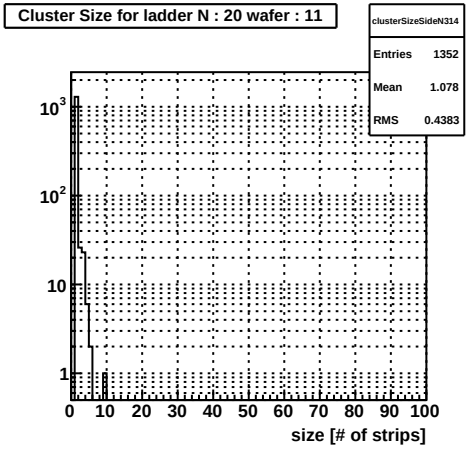

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5691
Mean 1.036
RMS 0.2362
size [# of strips]

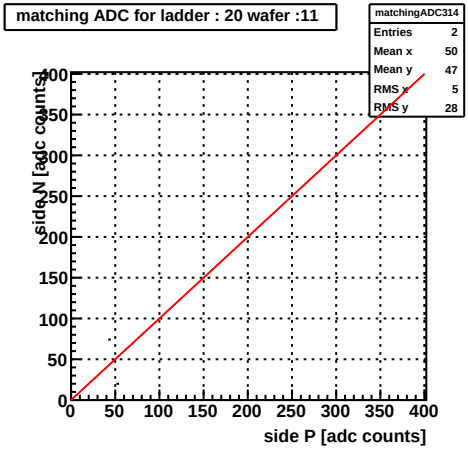

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 209
Mean x 26.07
Mean y 22.25
RMS x 8.288
RMS y 11.93
side N [adc counts]
side P [adc counts]

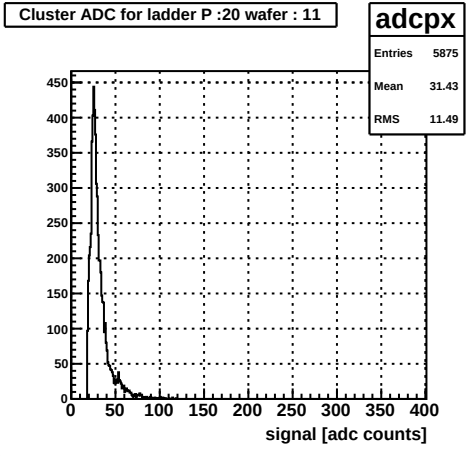

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 18919
Mean 26.98
RMS 9.401
signal [adc counts]

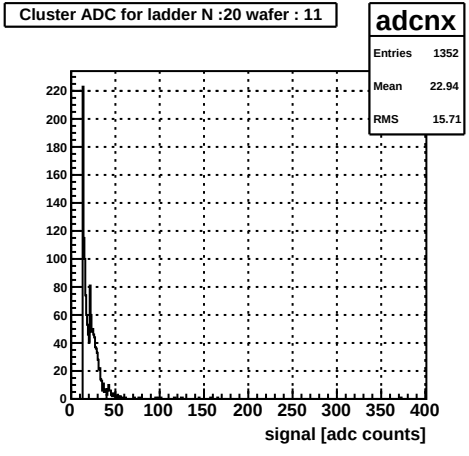

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5691
Mean 27.7
RMS 19.51
signal [adc counts]

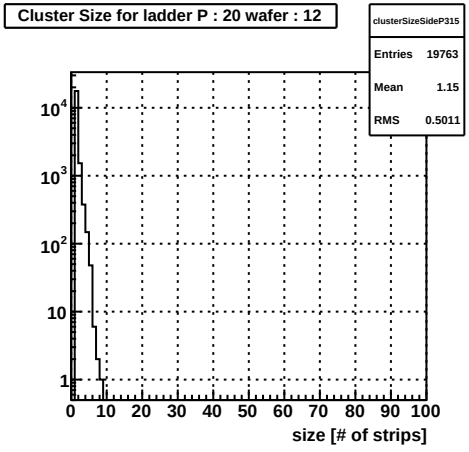

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5875
Mean 1.051
RMS 0.2354
size [# of strips]

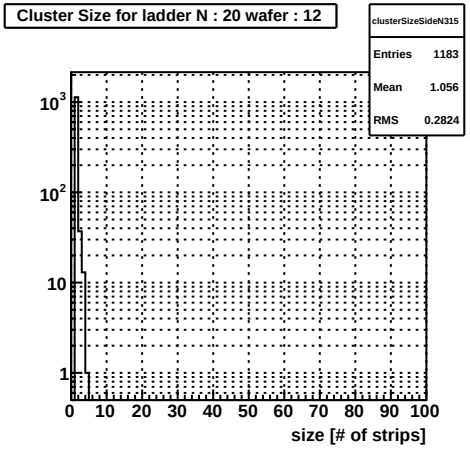

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1352
Mean 1.078
RMS 0.4383
size [# of strips]

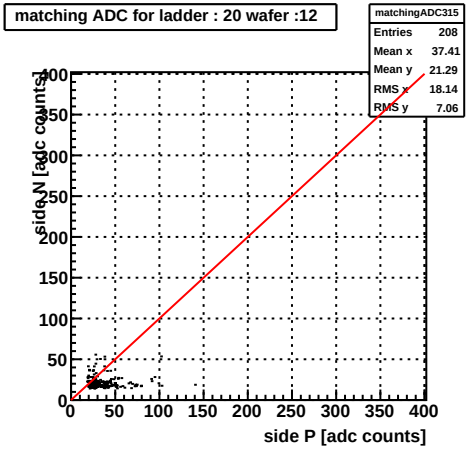

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2
Mean x 50
Mean y 47
RMS x 5
RMS y 28
side N [adc counts]
side P [adc counts]

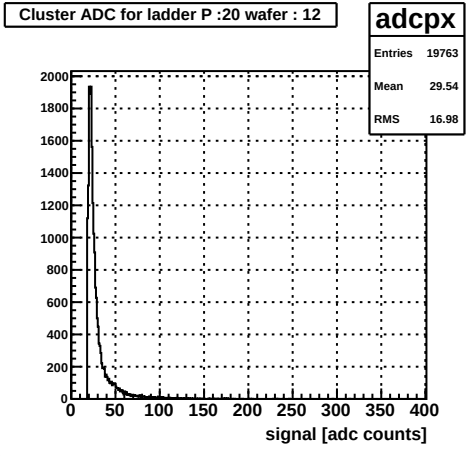

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5875
Mean 31.43
RMS 11.49
signal [adc counts]

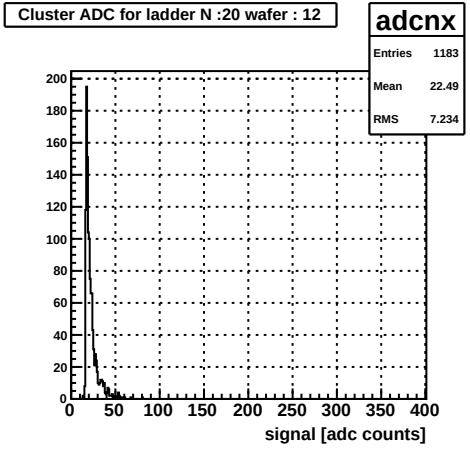

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1352
Mean 22.94
RMS 15.71
signal [adc counts]

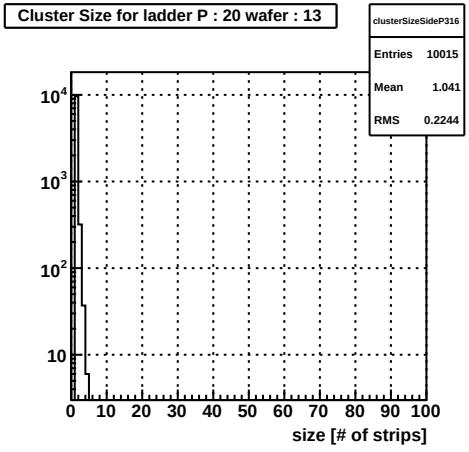

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 19763
Mean 1.15
RMS 0.5011
size [# of strips]

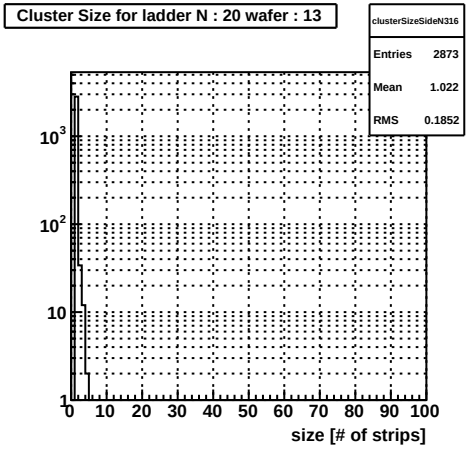

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1183
Mean 1.056
RMS 0.2824
size [# of strips]

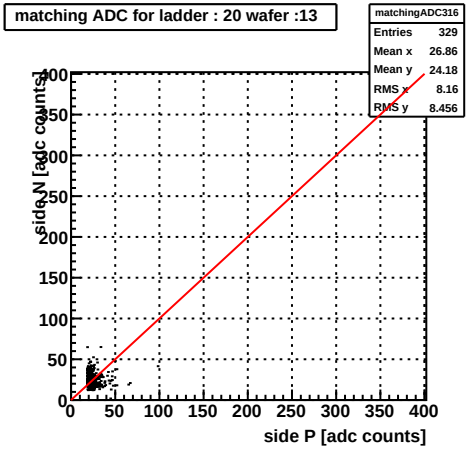

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 208
Mean x 37.41
Mean y 21.29
RMS x 18.14
RMS y 7.06
side N [adc counts]
side P [adc counts]

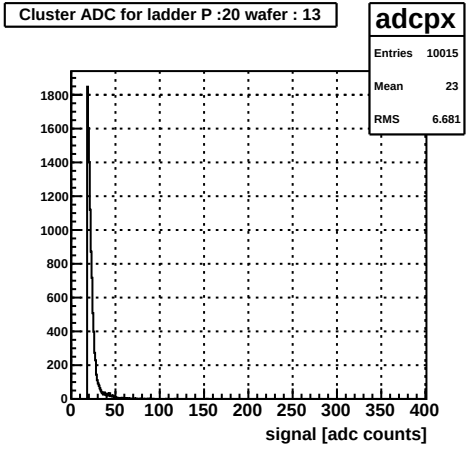

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 19763
Mean 29.54
RMS 16.98
signal [adc counts]

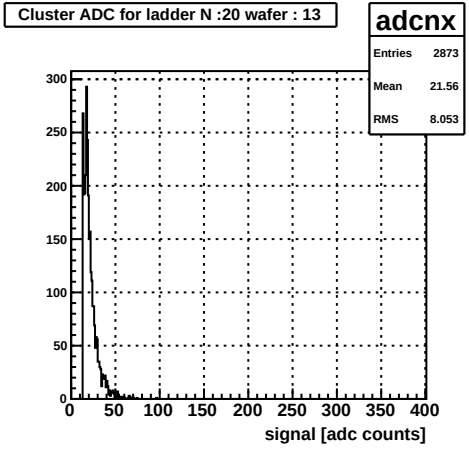

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1183
Mean 22.49
RMS 7.234
signal [adc counts]

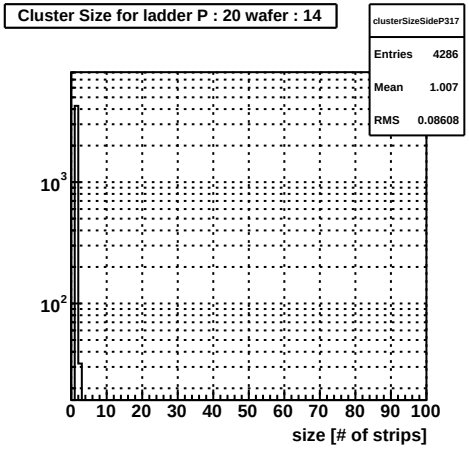

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10015
Mean 1.041
RMS 0.2244
size [# of strips]

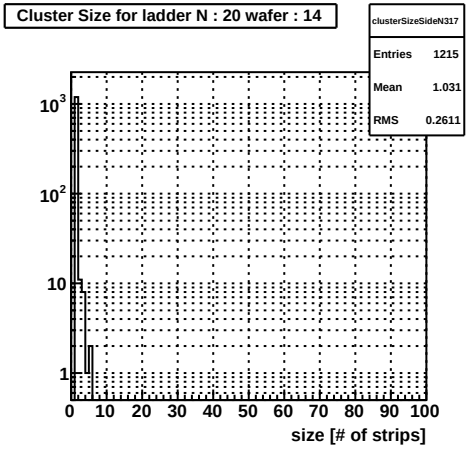

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2873
Mean 1.022
RMS 0.1852
size [# of strips]

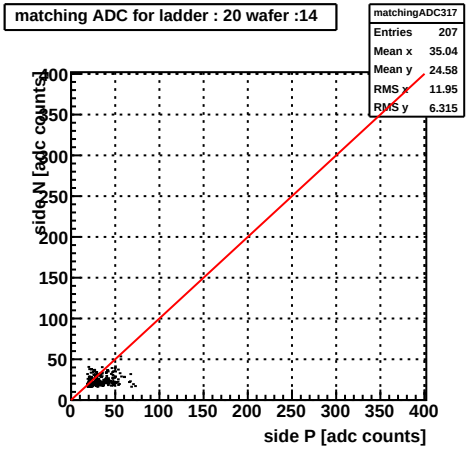

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 329
Mean x 26.86
Mean y 24.18
RMS x 8.16
RMS y 8.456
side N [adc counts]
side P [adc counts]

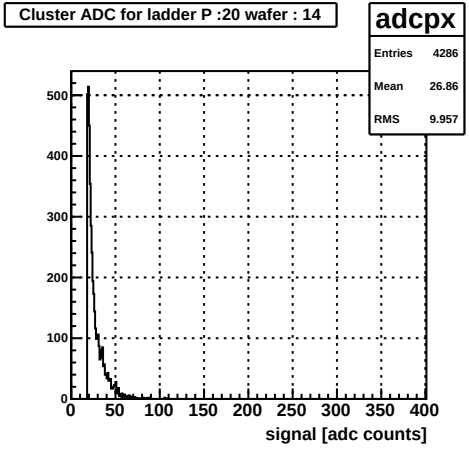

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10015
Mean 23
RMS 6.681
signal [adc counts]

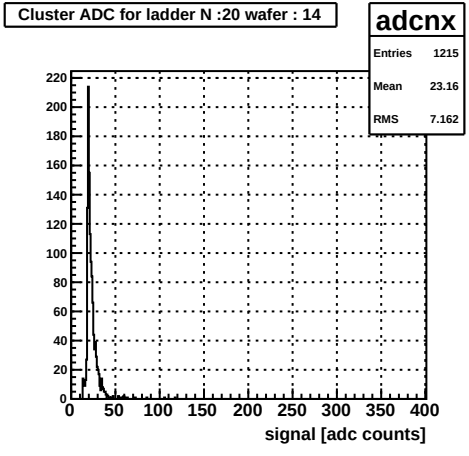

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2873
Mean 21.56
RMS 8.053
signal [adc counts]

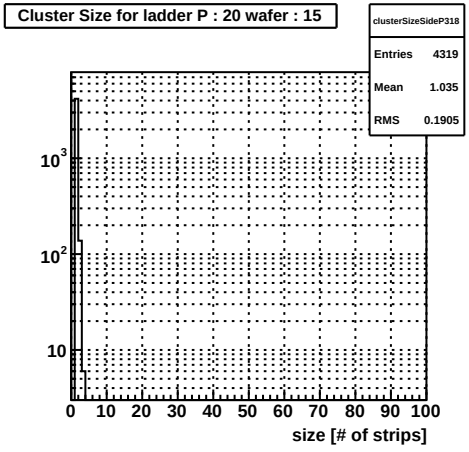

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 4286
Mean 1.007
RMS 0.08608
size [# of strips]

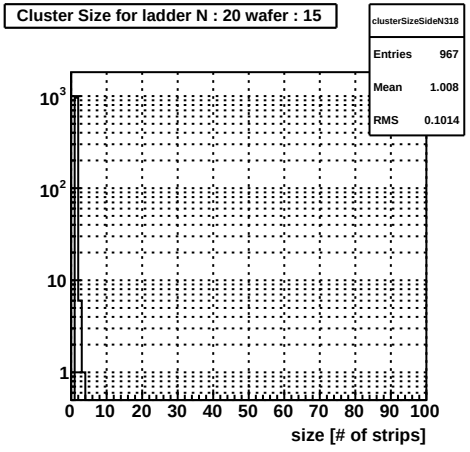

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1215
Mean 1.031
RMS 0.2611
size [# of strips]

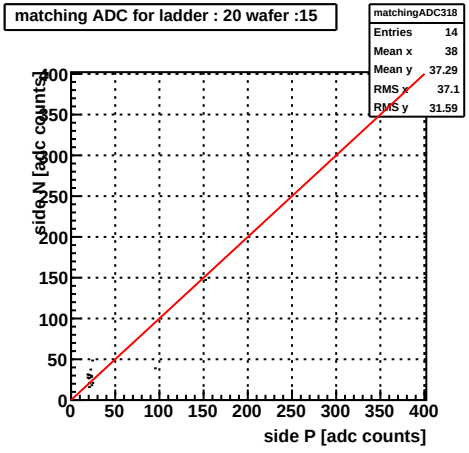

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 207
Mean x 35.04
Mean y 24.58
RMS x 11.95
RMS y 6.315
side N [adc counts]
side P [adc counts]

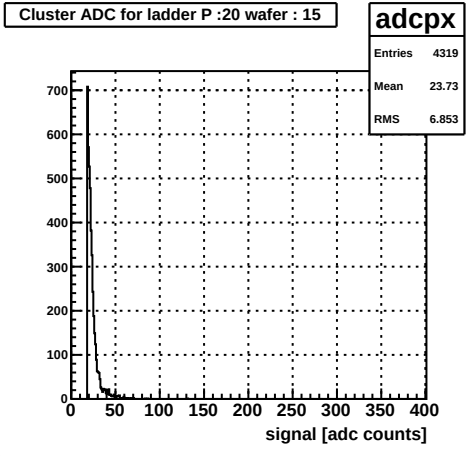

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 4286
Mean 26.86
RMS 9.957
signal [adc counts]

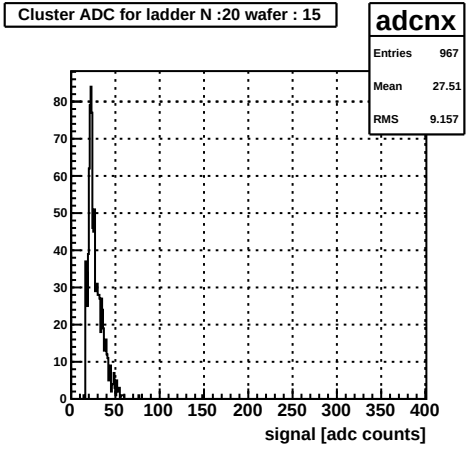

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1215
Mean 23.16
RMS 7.162
signal [adc counts]

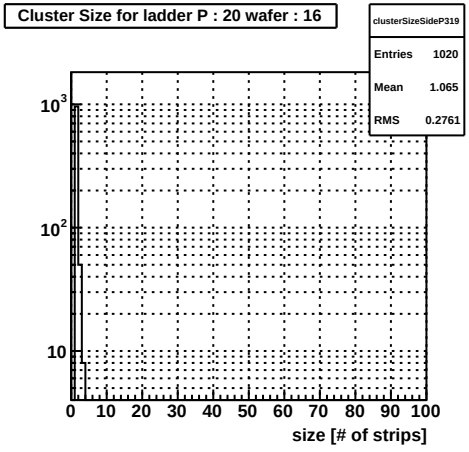

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 4319
Mean 1.035
RMS 0.1905
size [# of strips]

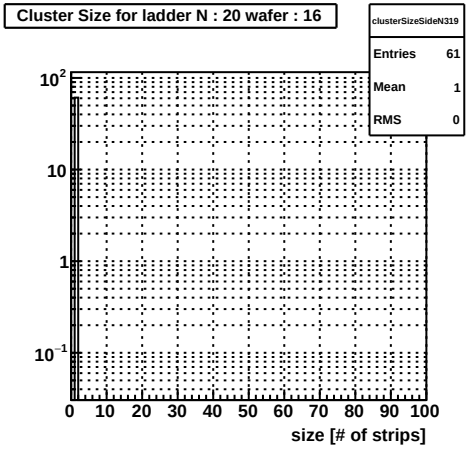

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 967
Mean 1.008
RMS 0.1014
size [# of strips]

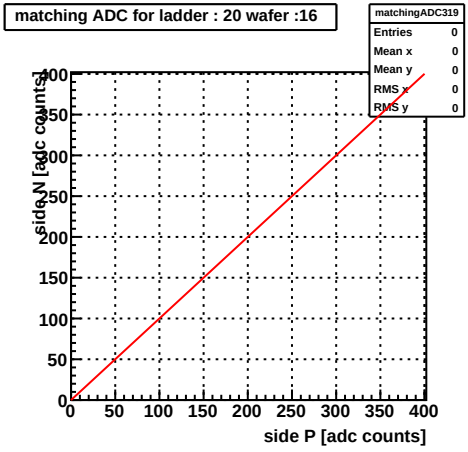

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 14
Mean x 38
Mean y 37.29
RMS x 37.1
RMS y 31.59
side N [adc counts]
side P [adc counts]

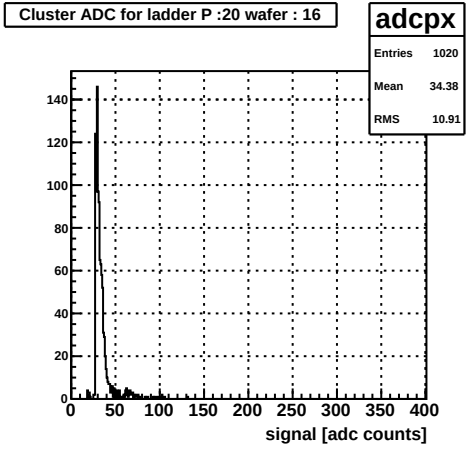

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 4319
Mean 23.73
RMS 6.853
signal [adc counts]

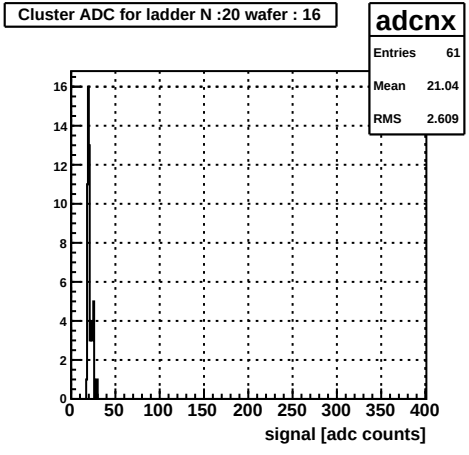

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 967
Mean 27.51
RMS 9.157
signal [adc counts]

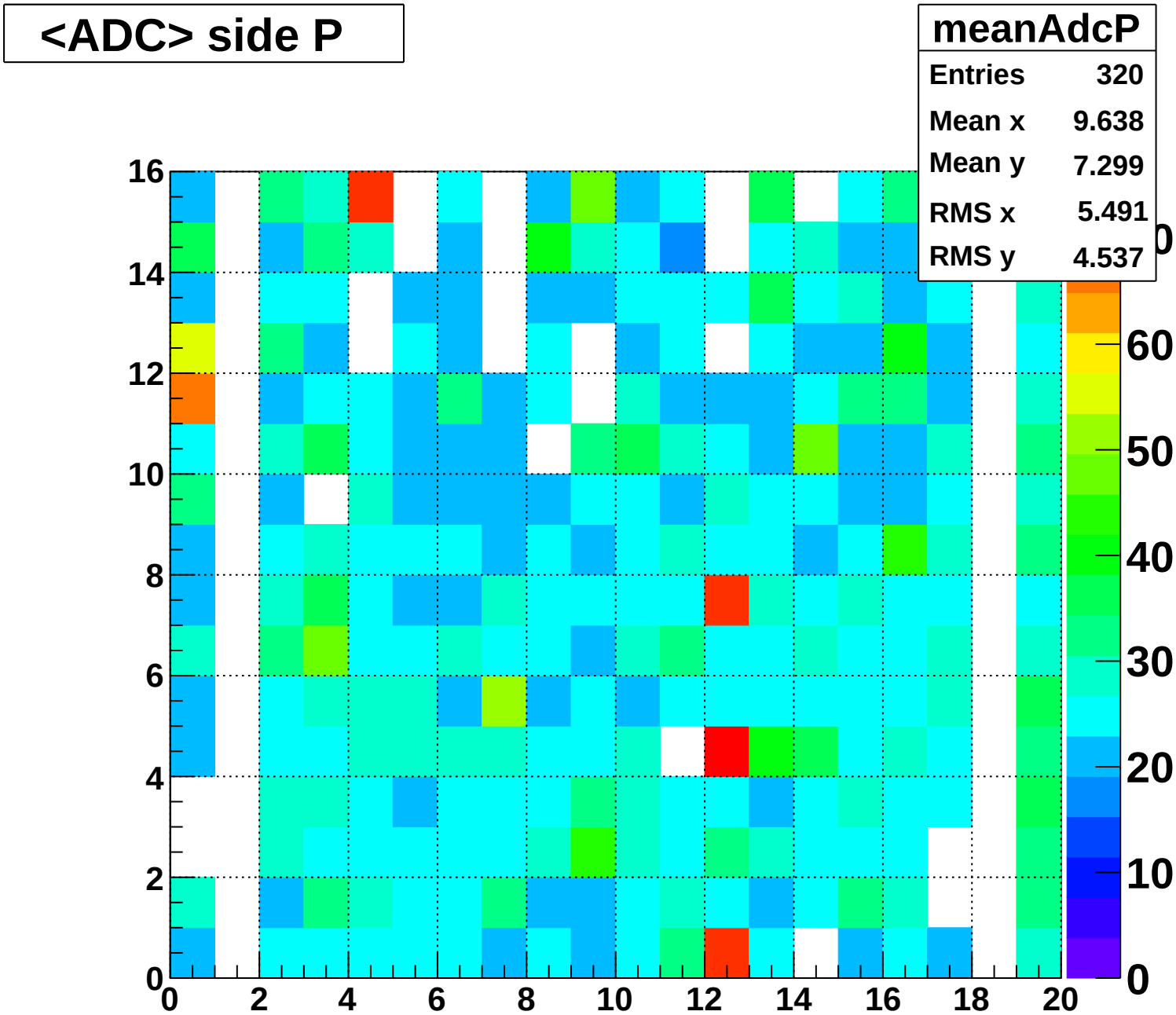

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1020
Mean 1.065
RMS 0.2761
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 61
Mean 1
RMS 0
size [# of strips]

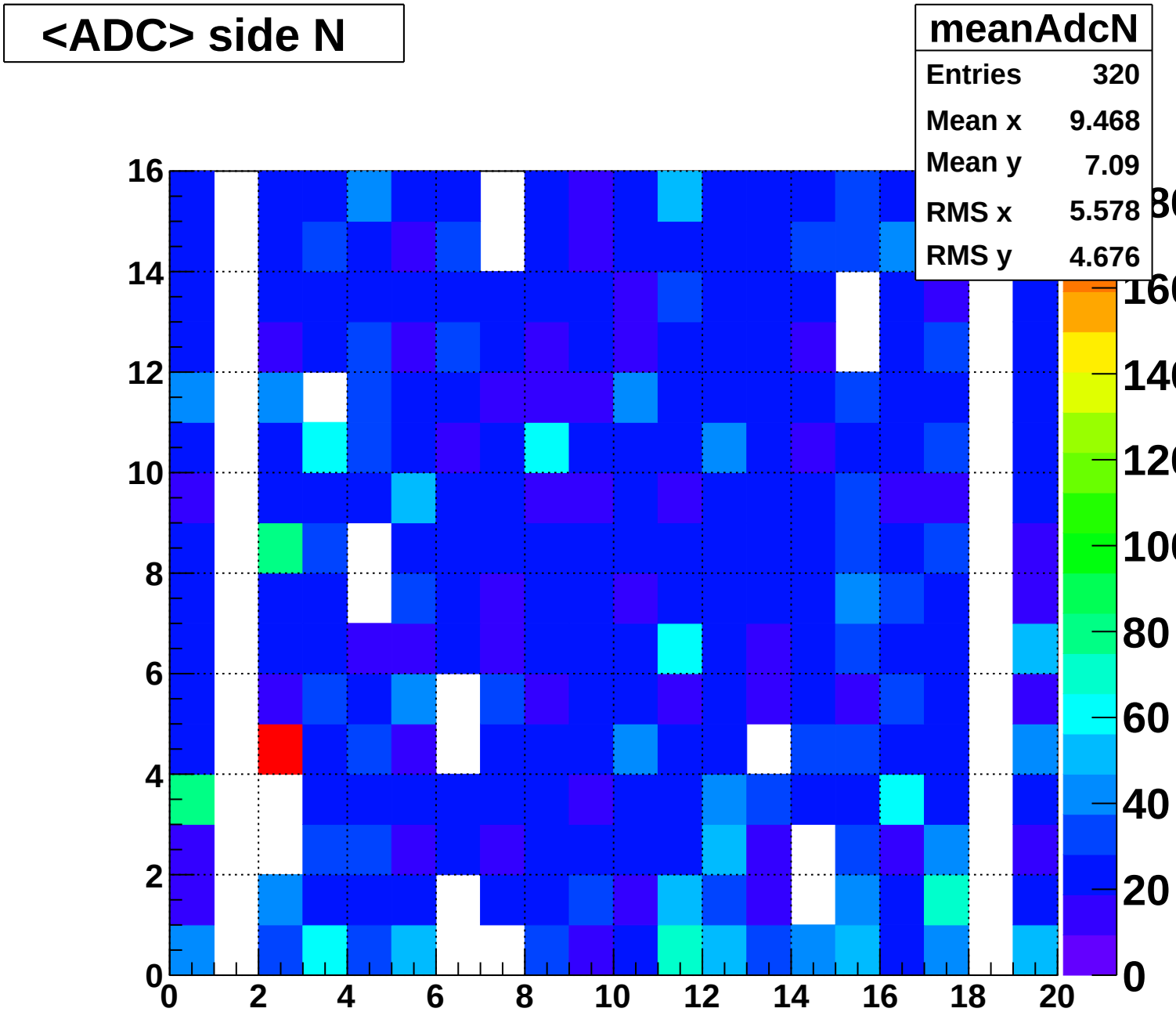

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1020
Mean 34.38
RMS 10.91
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 61
Mean 21.04
RMS 2.609
signal [adc counts]



2016-06-27 09:48:08



2016-06-27 09:48:08