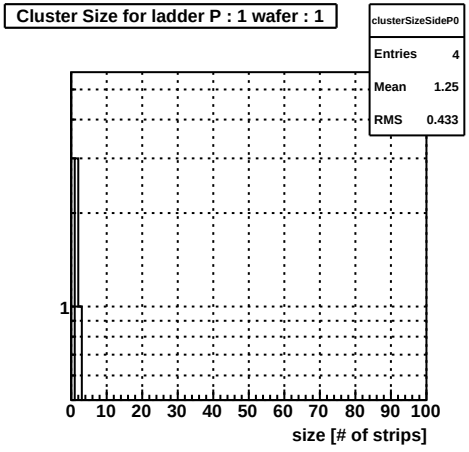
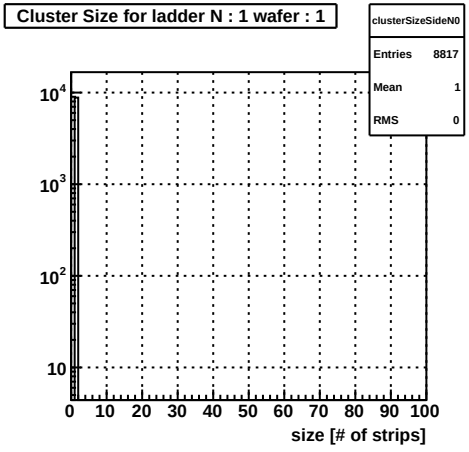
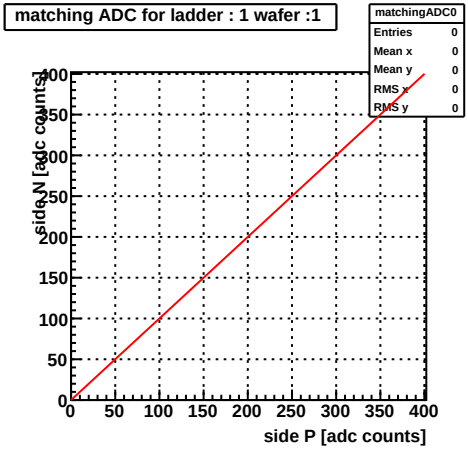
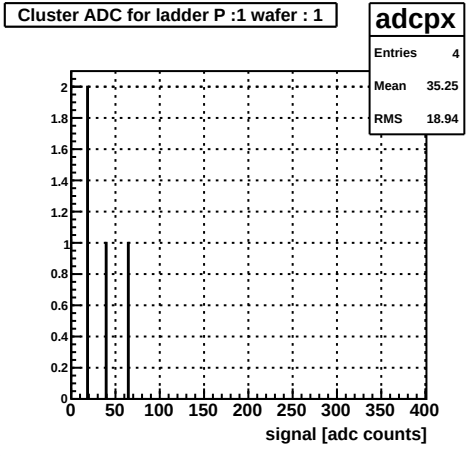
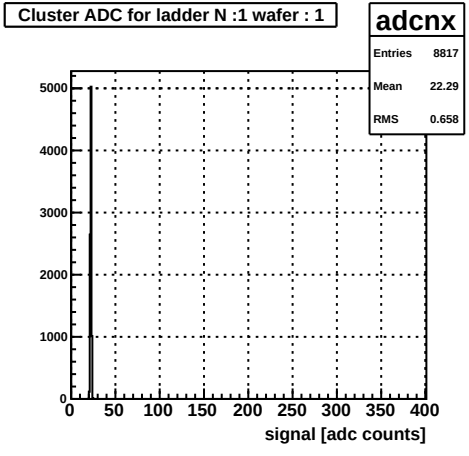
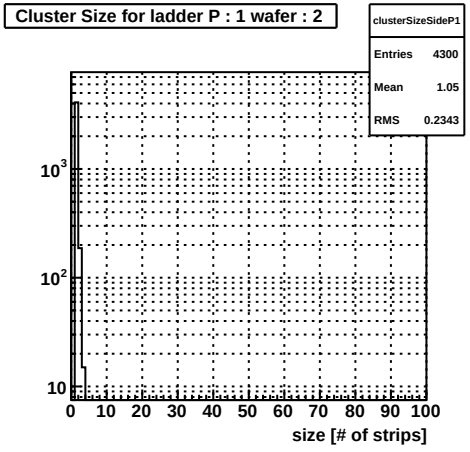

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

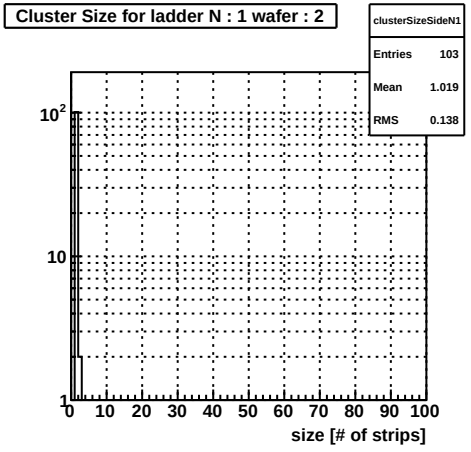

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 8817
Mean 1
RMS 0
size [# of strips]

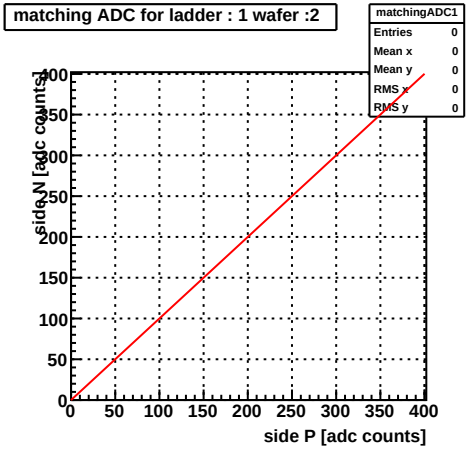

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

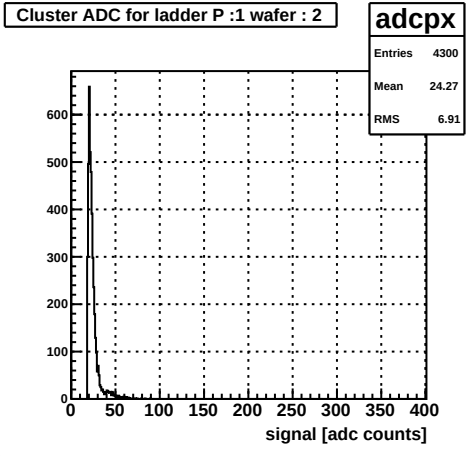

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4
Mean 35.25
RMS 18.94
signal [adc counts]

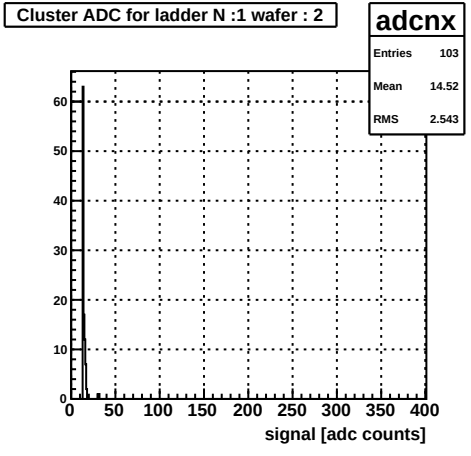

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 8817
Mean 22.29
RMS 0.658
signal [adc counts]

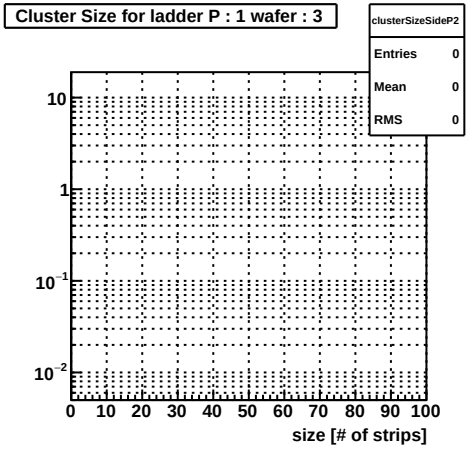

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4300
Mean 1.05
RMS 0.2343
size [# of strips]

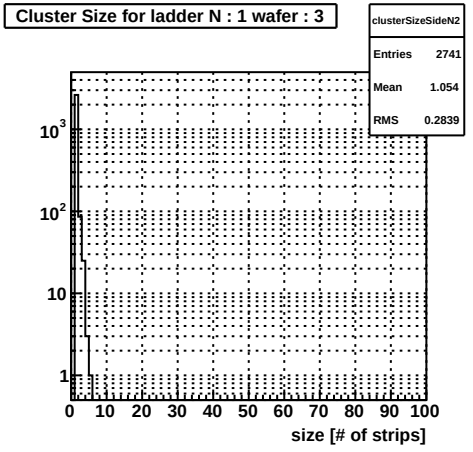

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 103
Mean 1.019
RMS 0.138
size [# of strips]

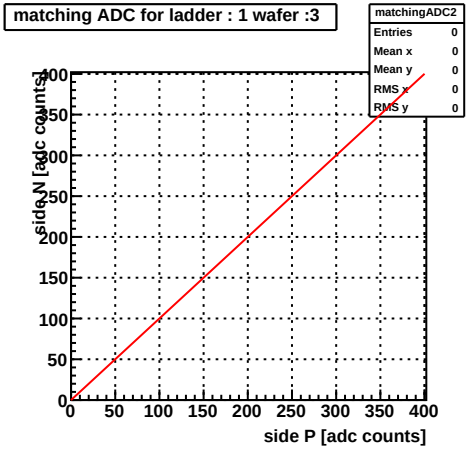

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

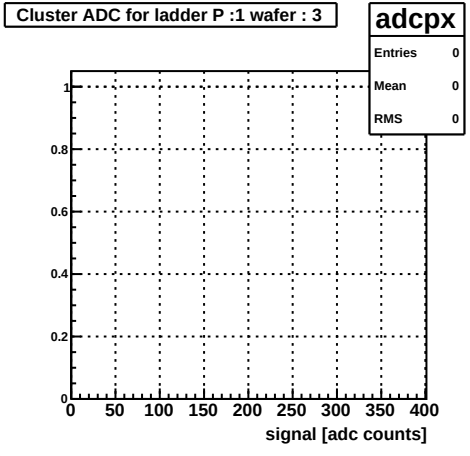

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4300
Mean 24.27
RMS 6.91
signal [adc counts]

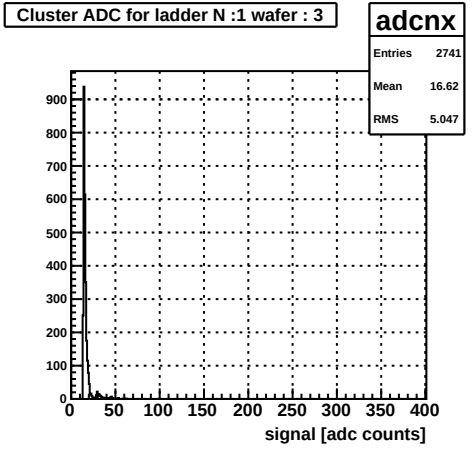

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 103
Mean 14.52
RMS 2.543
signal [adc counts]

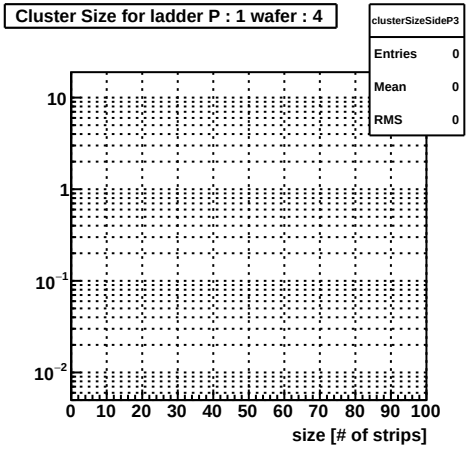

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

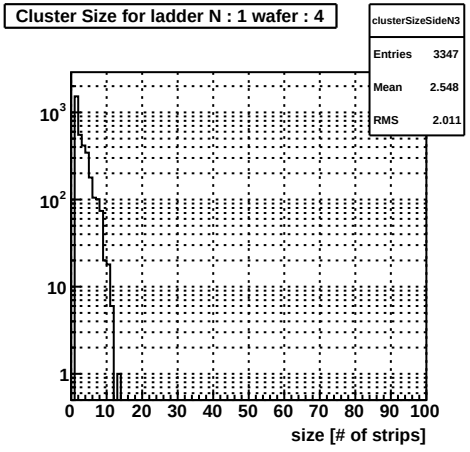

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2741
Mean 1.054
RMS 0.2839
size [# of strips]

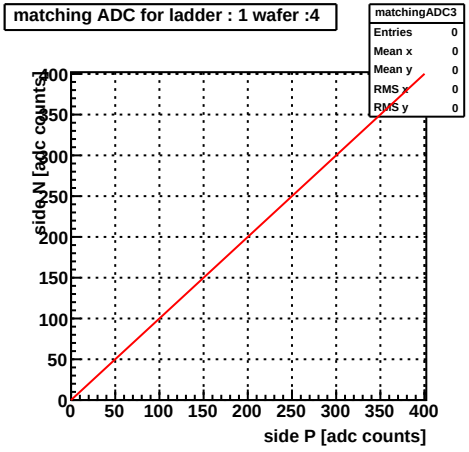

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

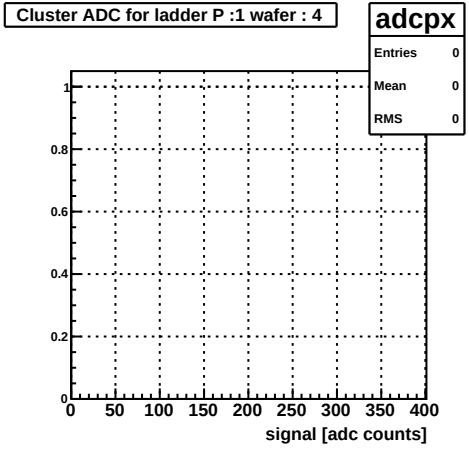

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

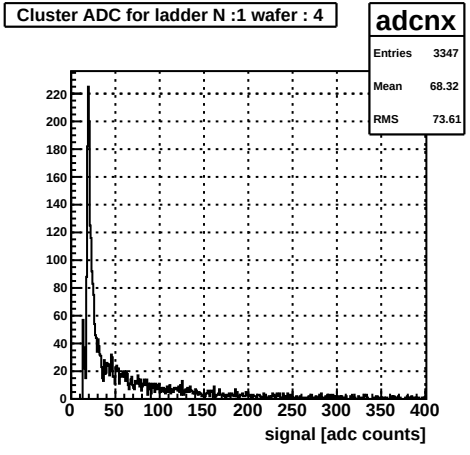

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2741
Mean 16.62
RMS 5.047
signal [adc counts]

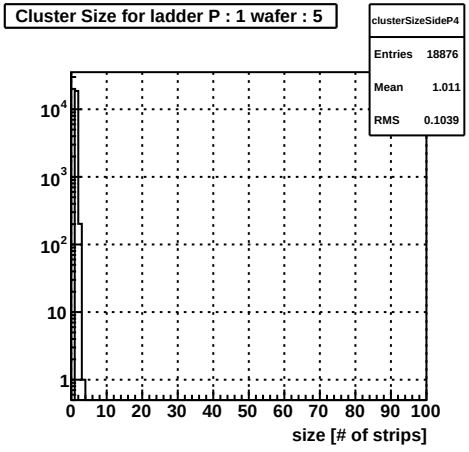

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

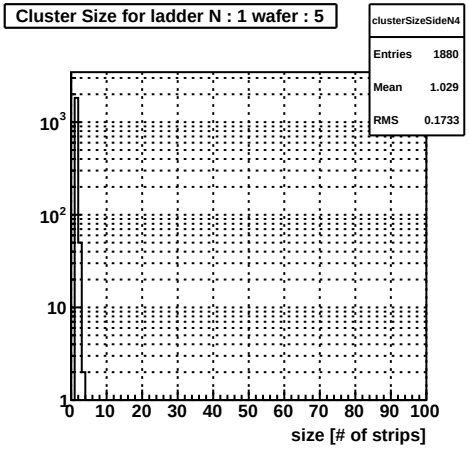

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3347
Mean 2.548
RMS 2.011
size [# of strips]

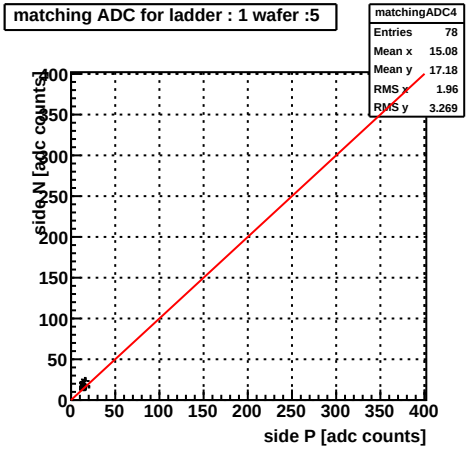

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

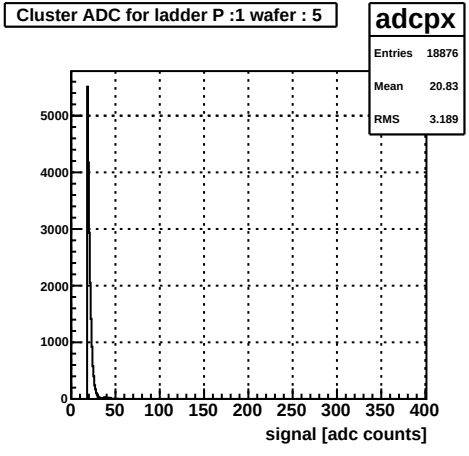

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

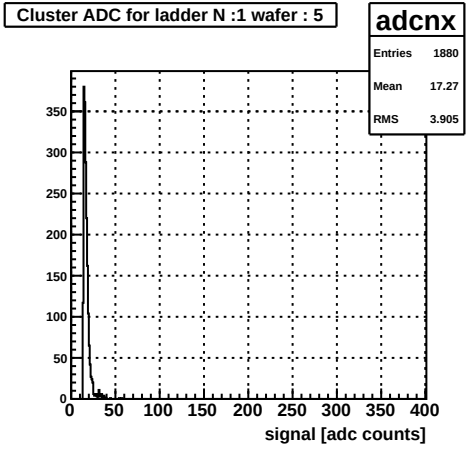

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3347
Mean 68.32
RMS 73.61
signal [adc counts]

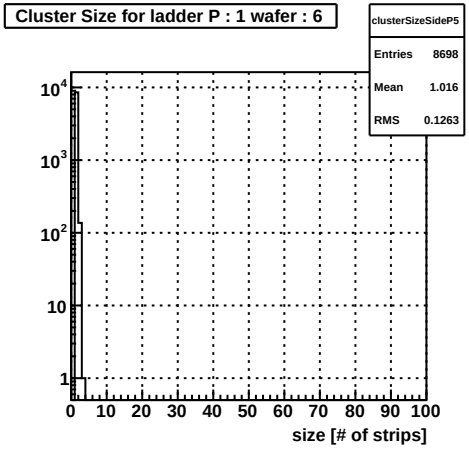

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 18876
Mean 1.011
RMS 0.1039
size [# of strips]

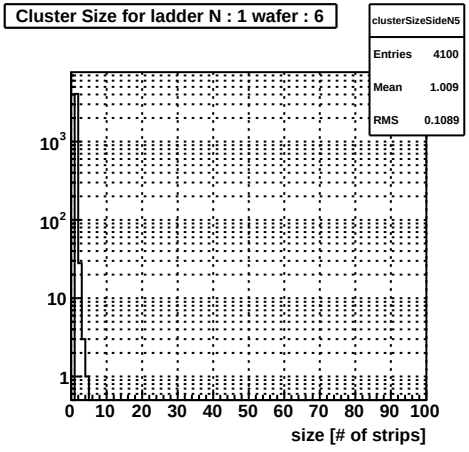

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1880
Mean 1.029
RMS 0.1733
size [# of strips]

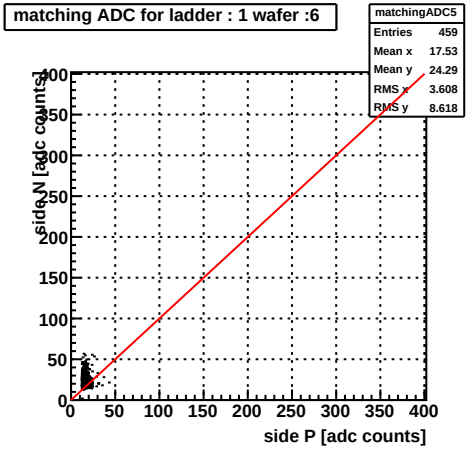

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 78
Mean x 15.08
Mean y 17.18
RMS x 1.96
RMS y 3.269
side N [adc counts]
side P [adc counts]

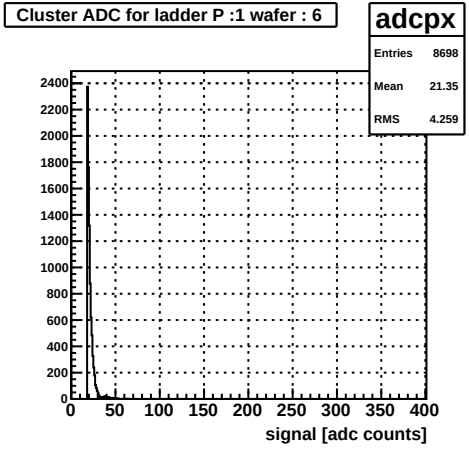

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 18876
Mean 20.83
RMS 3.189
signal [adc counts]

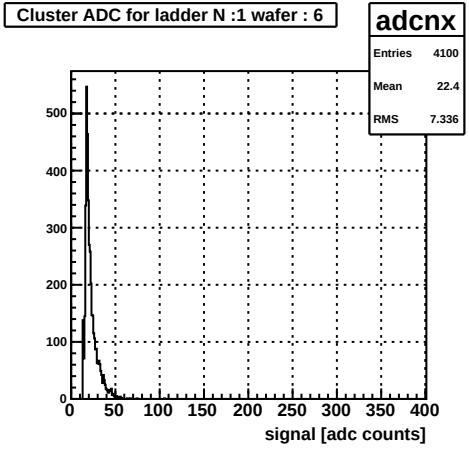

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1880
Mean 17.27
RMS 3.905
signal [adc counts]

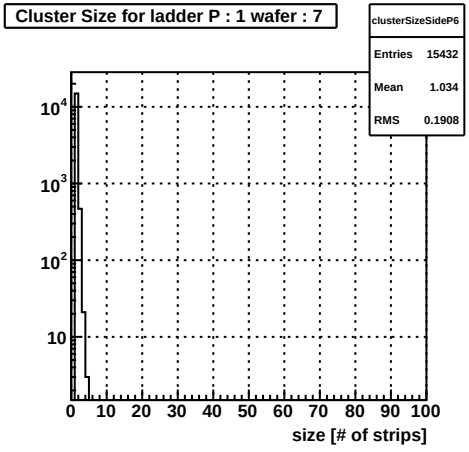

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 8698
Mean 1.016
RMS 0.1263
size [# of strips]

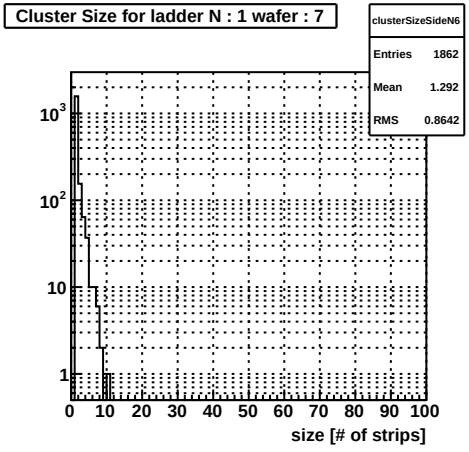

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4100
Mean 1.009
RMS 0.1089
size [# of strips]

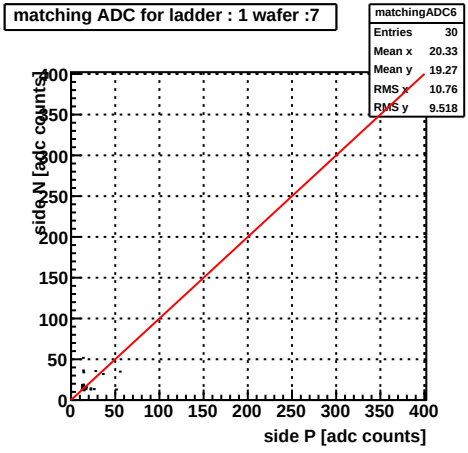

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 459
Mean x 17.53
Mean y 24.29
RMS x 3.608
RMS y 8.618
side N [adc counts]
side P [adc counts]

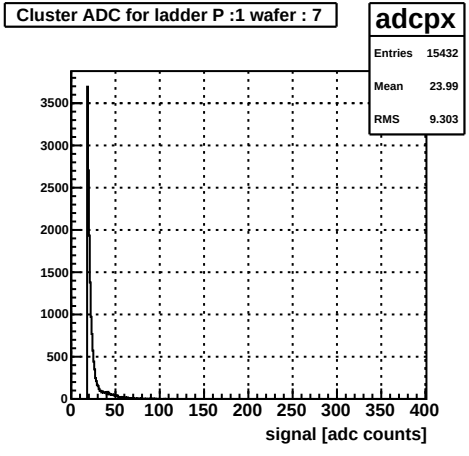

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 8698
Mean 21.35
RMS 4.259
signal [adc counts]

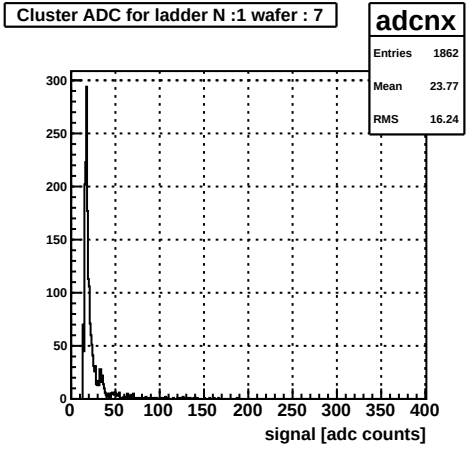

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4100
Mean 22.4
RMS 7.336
signal [adc counts]

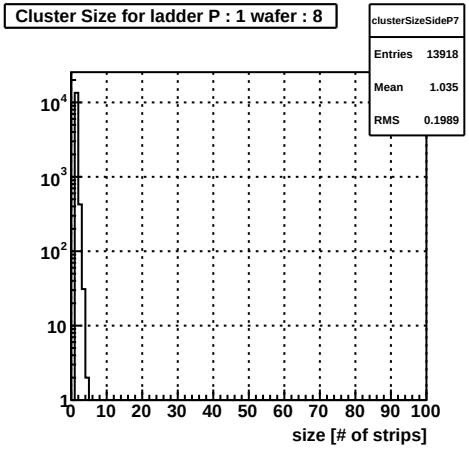

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 15432
Mean 1.034
RMS 0.1908
size [# of strips]

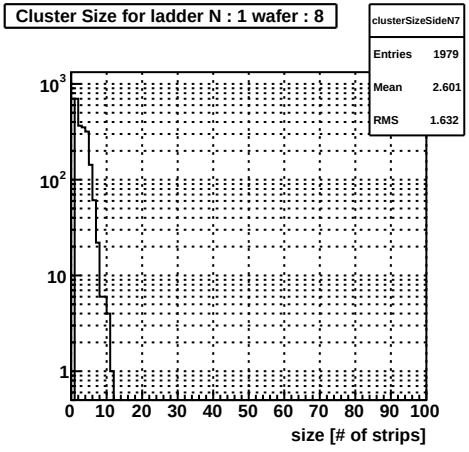

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1862
Mean 1.292
RMS 0.8642
size [# of strips]

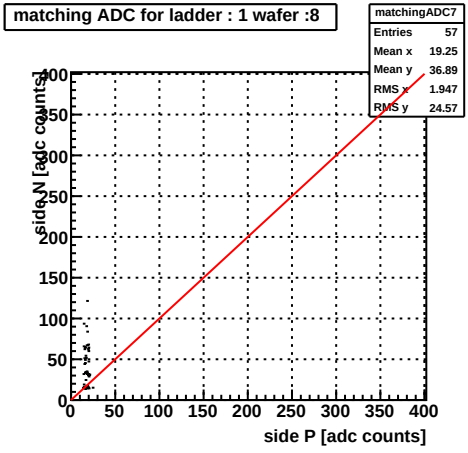

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 30
Mean x 20.33
Mean y 19.27
RMS x 10.76
RMS y 9.518
side N [adc counts]
side P [adc counts]

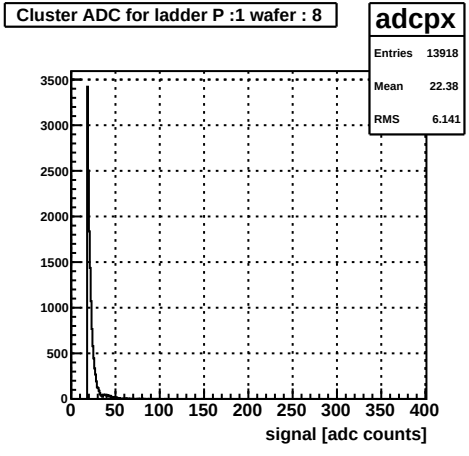

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 15432
Mean 23.99
RMS 9.303
signal [adc counts]

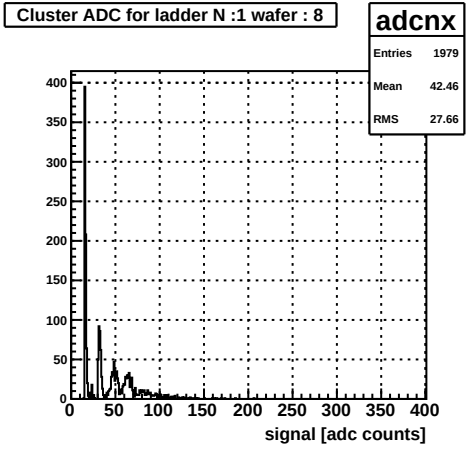

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1862
Mean 23.77
RMS 16.24
signal [adc counts]

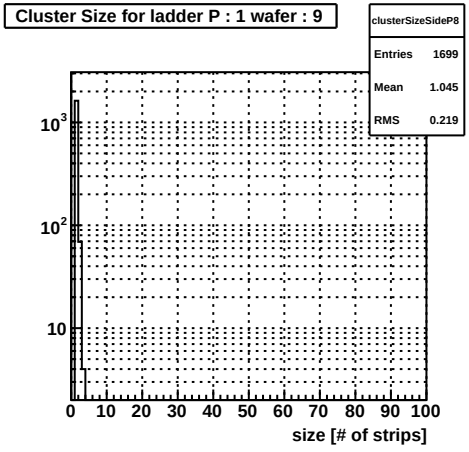

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 13918
Mean 1.035
RMS 0.1989
size [# of strips]

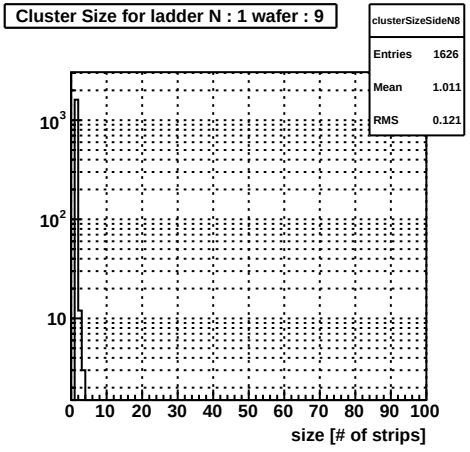

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1979
Mean 2.601
RMS 1.632
size [# of strips]

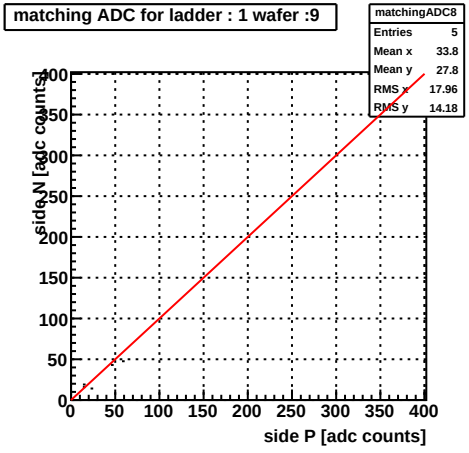

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 57
Mean x 19.25
Mean y 36.89
RMS x 1.947
RMS y 24.57
side N [adc counts]
side P [adc counts]

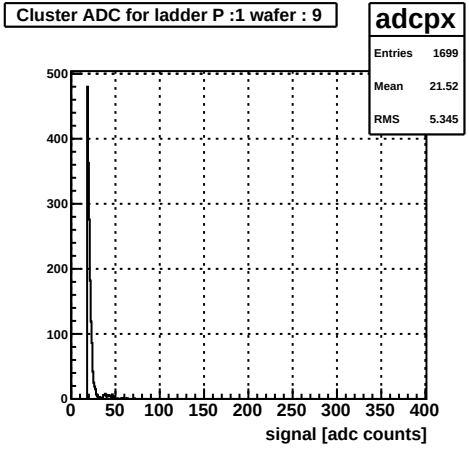

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 13918
Mean 22.38
RMS 6.141
signal [adc counts]

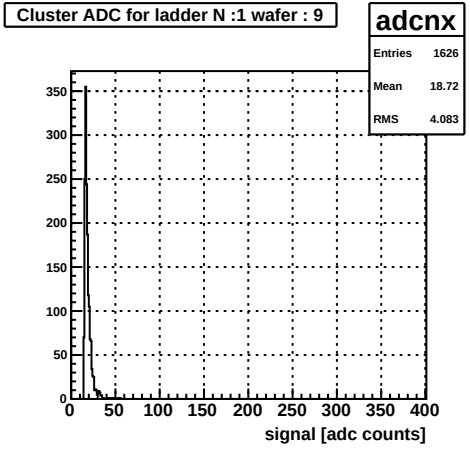

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1979
Mean 42.46
RMS 27.66
signal [adc counts]

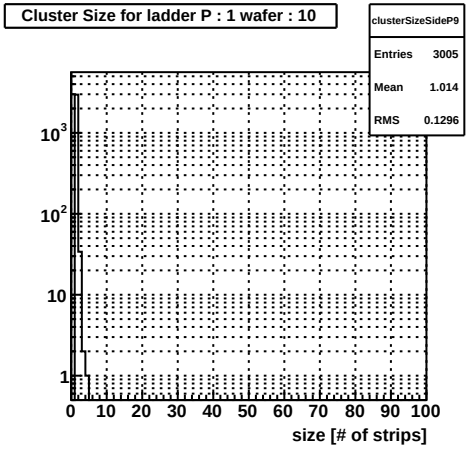

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1699
Mean 1.045
RMS 0.219
size [# of strips]

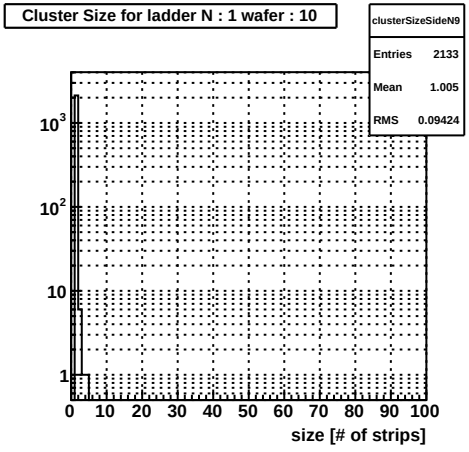

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1626
Mean 1.011
RMS 0.121
size [# of strips]

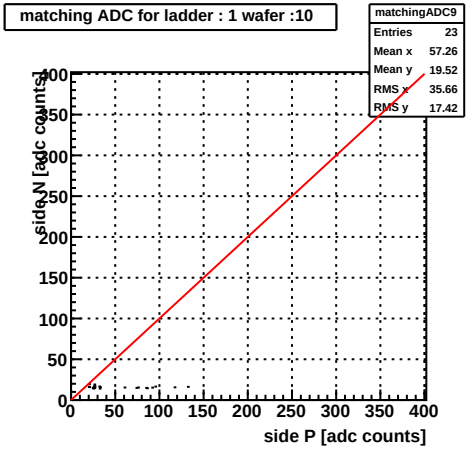

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 5
Mean x 33.8
Mean y 27.8
RMS x 17.96
RMS y 14.18
side N [adc counts]
side P [adc counts]

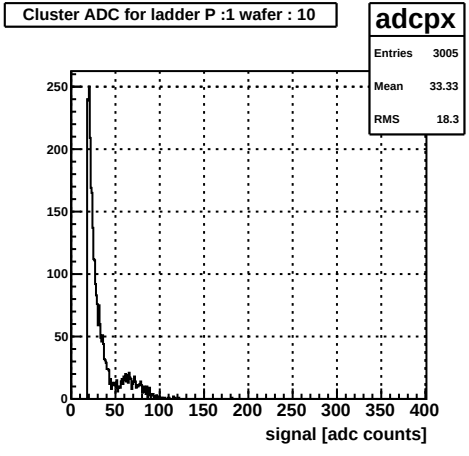

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1699
Mean 21.52
RMS 5.345
signal [adc counts]

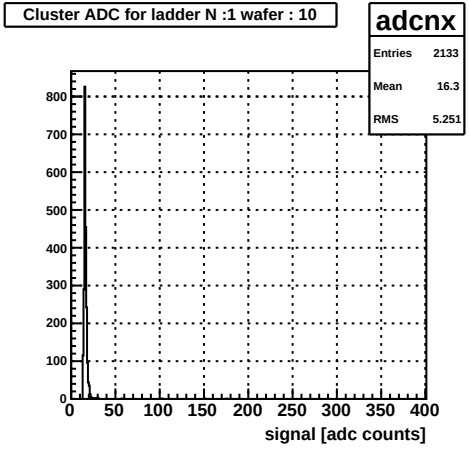

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1626
Mean 18.72
RMS 4.083
signal [adc counts]

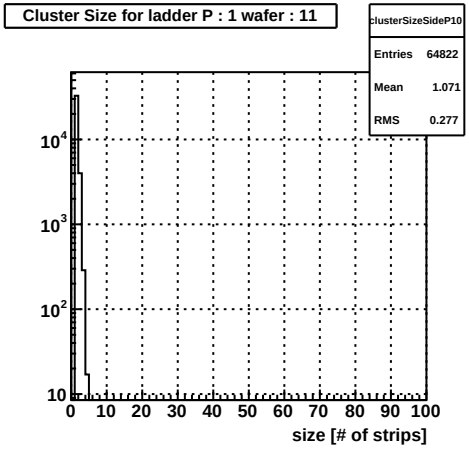

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3005
Mean 1.014
RMS 0.1296
size [# of strips]

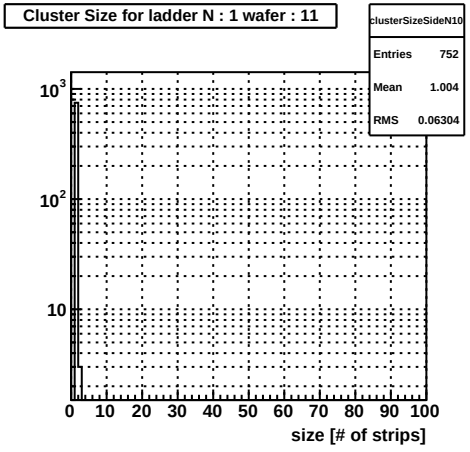

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2133
Mean 1.005
RMS 0.09424
size [# of strips]

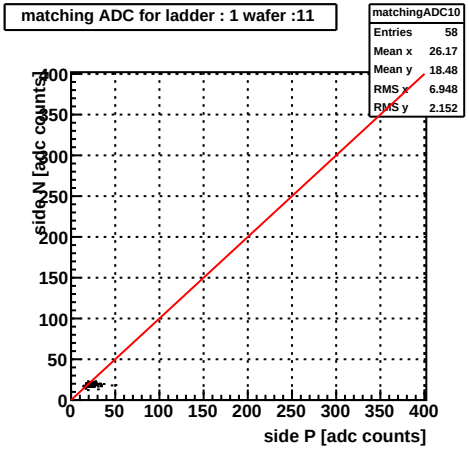

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 23
Mean x 57.26
Mean y 19.52
RMS x 35.66
RMS y 17.42
side N [adc counts]
side P [adc counts]

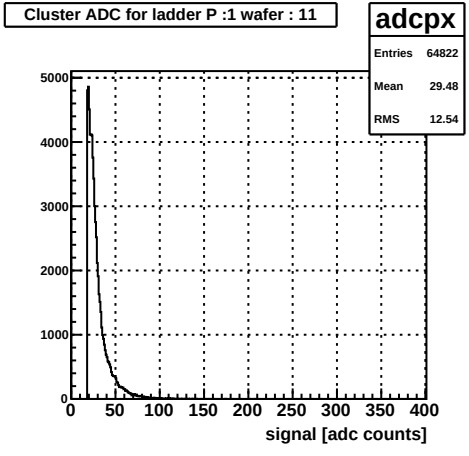

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3005
Mean 33.33
RMS 18.3
signal [adc counts]

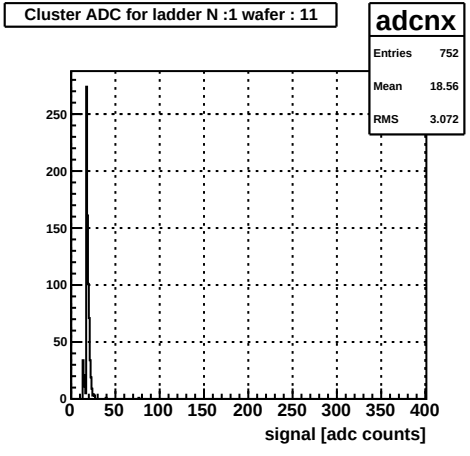

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2133
Mean 16.3
RMS 5.251
signal [adc counts]

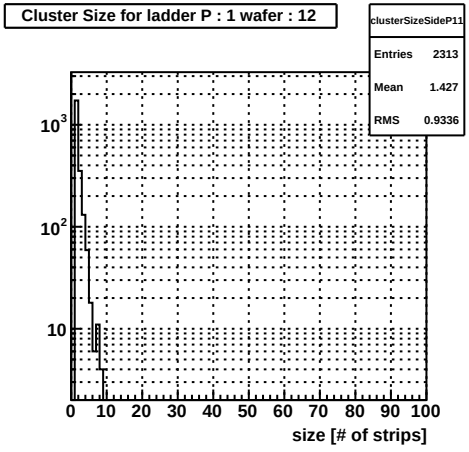

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 64822
Mean 1.071
RMS 0.277
size [# of strips]

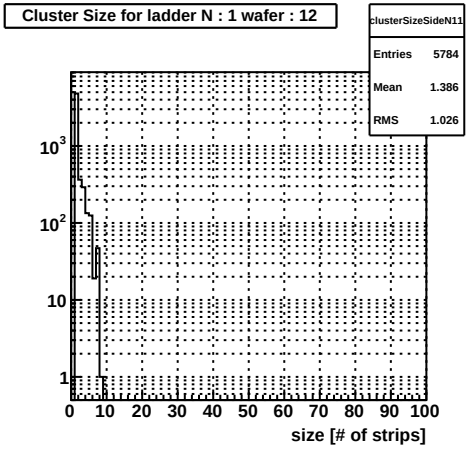

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 752
Mean 1.004
RMS 0.06304
size [# of strips]

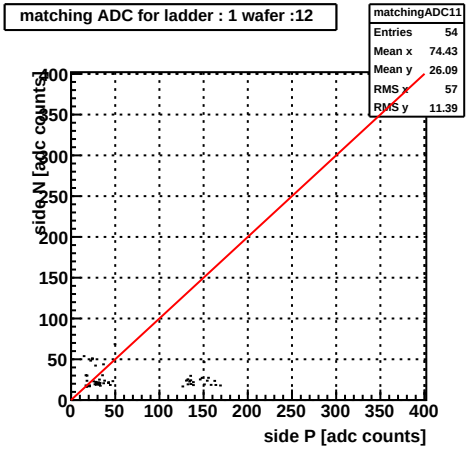

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 58
Mean x 26.17
Mean y 18.48
RMS x 6.948
RMS y 2.152
side N [adc counts]
side P [adc counts]

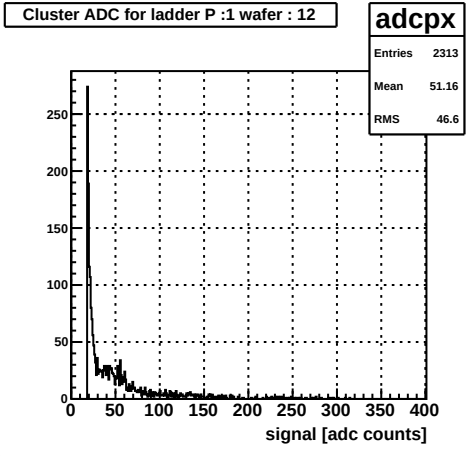

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 64822
Mean 29.48
RMS 12.54
signal [adc counts]

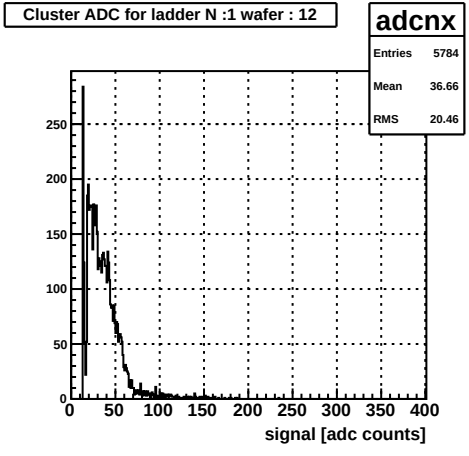

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 752
Mean 18.56
RMS 3.072
signal [adc counts]

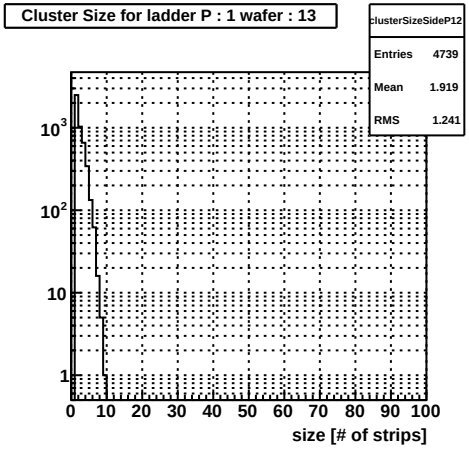

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2313
Mean 1.427
RMS 0.9336
size [# of strips]

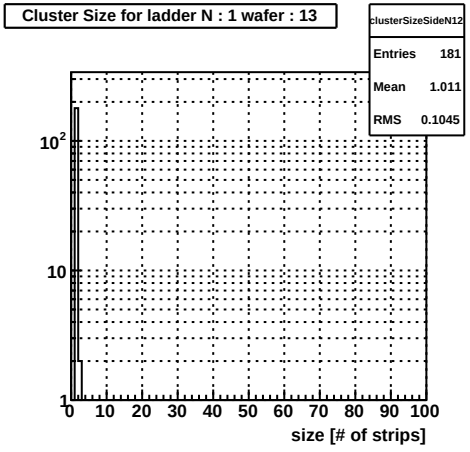

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5784
Mean 1.386
RMS 1.026
size [# of strips]

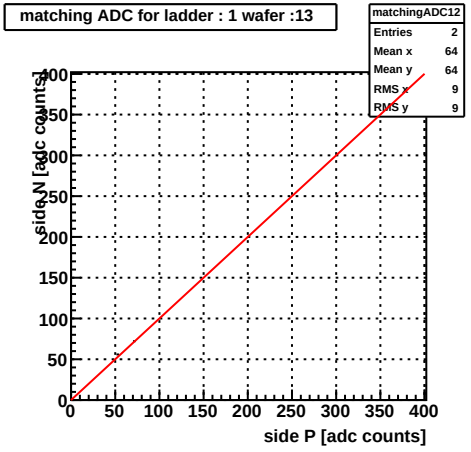

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 54
Mean x 74.43
Mean y 26.09
RMS x 57
RMS y 11.39
side N [adc counts]
side P [adc counts]

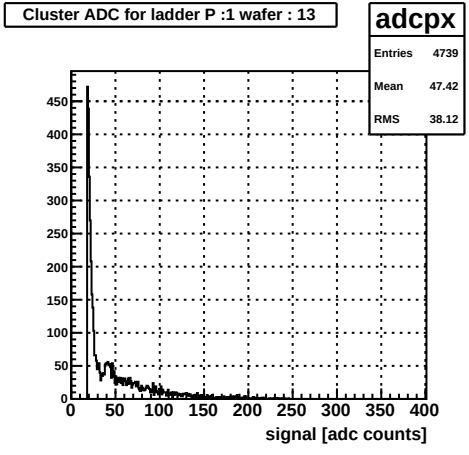

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2313
Mean 51.16
RMS 46.6
signal [adc counts]

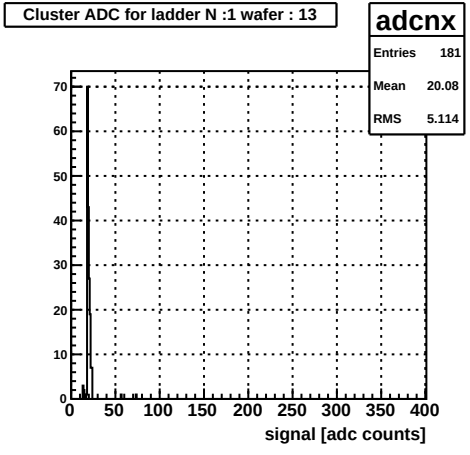

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5784
Mean 36.66
RMS 20.46
signal [adc counts]

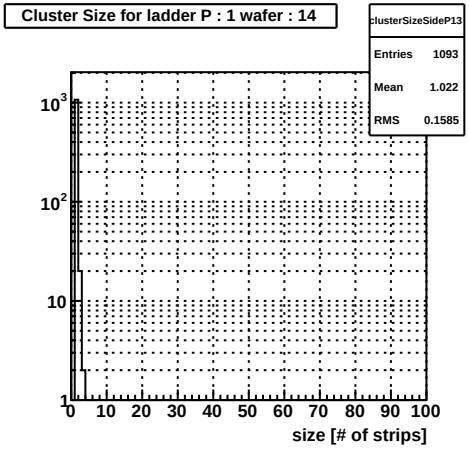

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4739
Mean 1.919
RMS 1.241
size [# of strips]

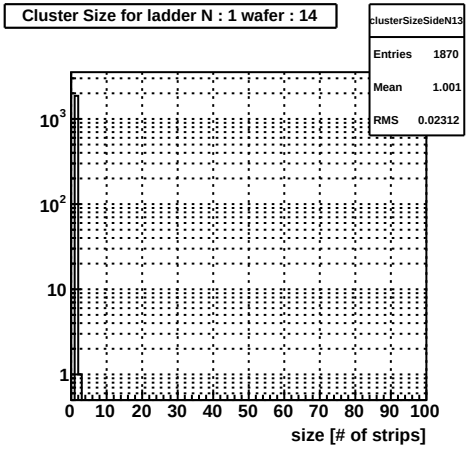

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 181
Mean 1.011
RMS 0.1045
size [# of strips]

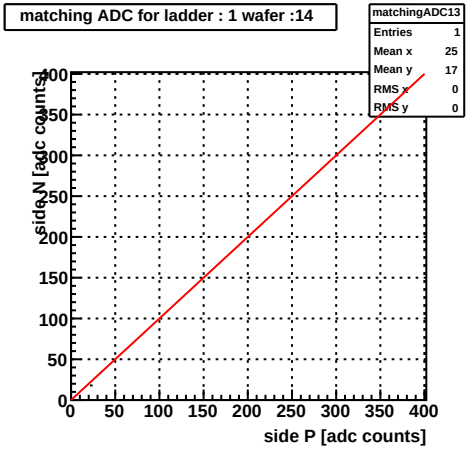

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 2
Mean x 64
Mean y 64
RMS x 9
RMS y 9
side N [adc counts]
side P [adc counts]

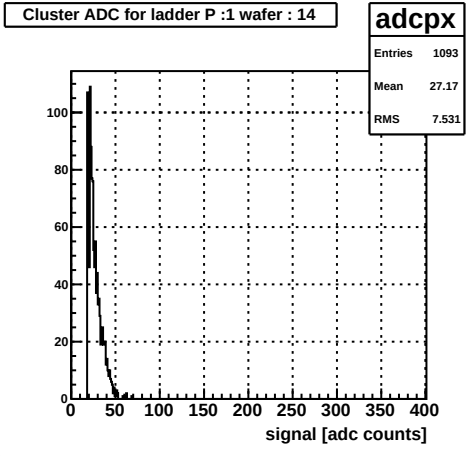

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4739
Mean 47.42
RMS 38.12
signal [adc counts]

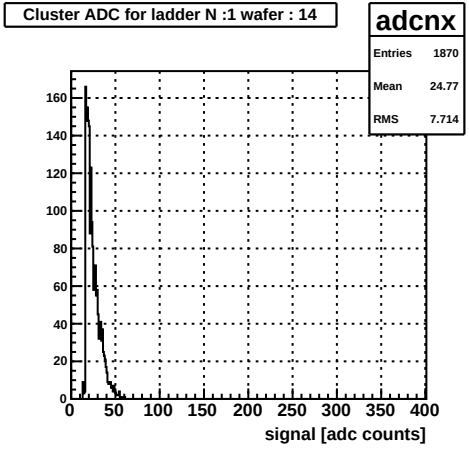

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 181
Mean 20.08
RMS 5.114
signal [adc counts]

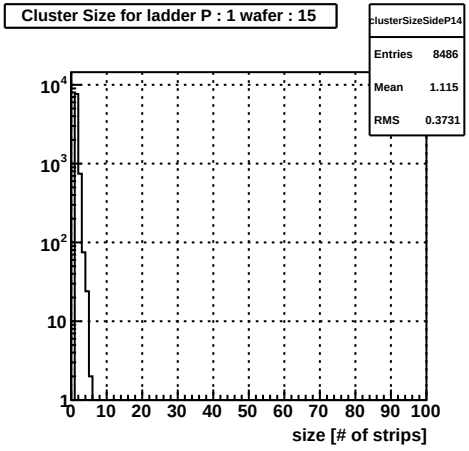

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1093
Mean 1.022
RMS 0.1585
size [# of strips]

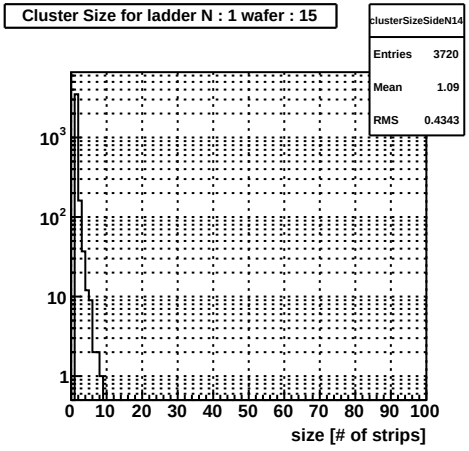

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1870
Mean 1.001
RMS 0.02312
size [# of strips]

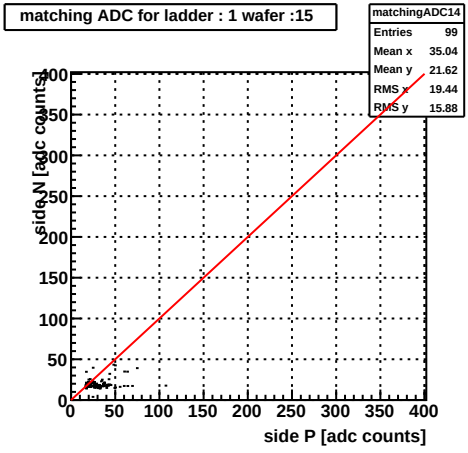

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

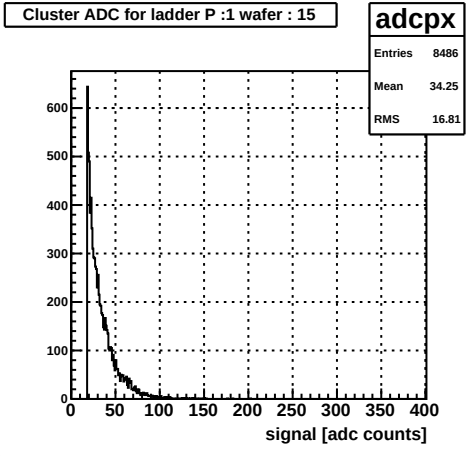

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1093
Mean 27.17
RMS 7.531
signal [adc counts]

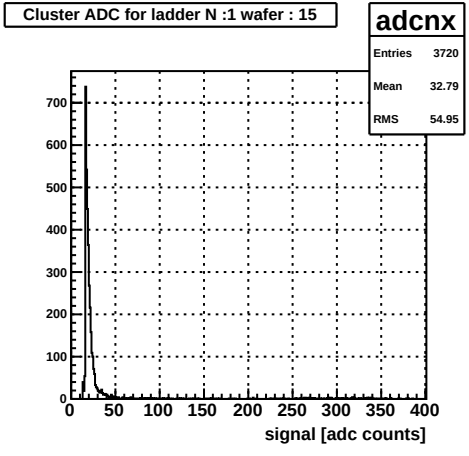

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1870
Mean 24.77
RMS 7.714
signal [adc counts]

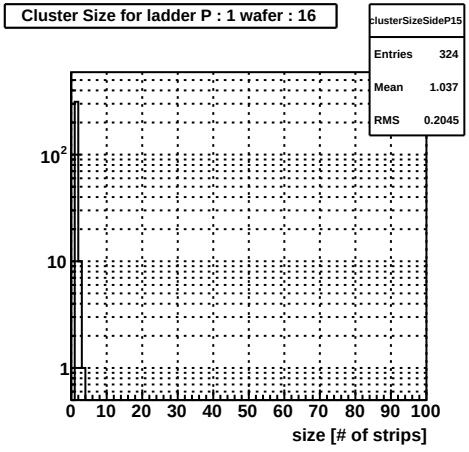

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8486
Mean 1.115
RMS 0.3731
size [# of strips]

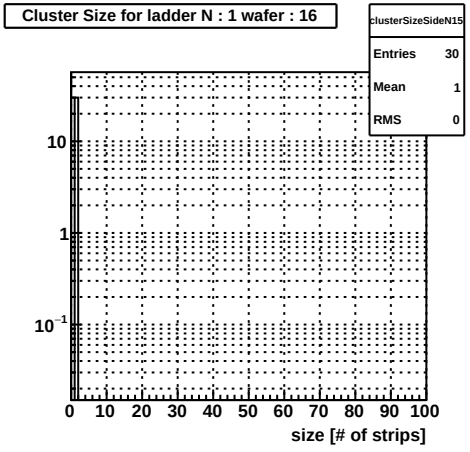

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 3720
Mean 1.09
RMS 0.4343
size [# of strips]

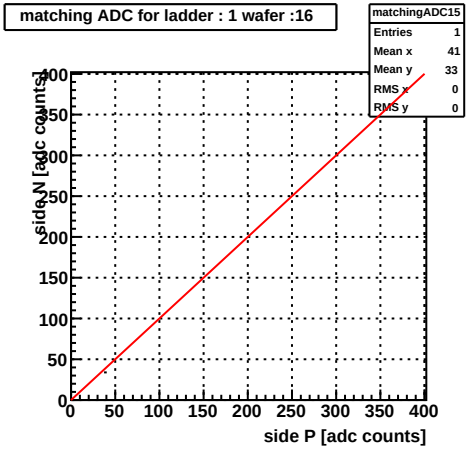

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 99
Mean x 35.04
Mean y 21.62
RMS x 19.44
RMS y 15.88
side N [adc counts]
side P [adc counts]

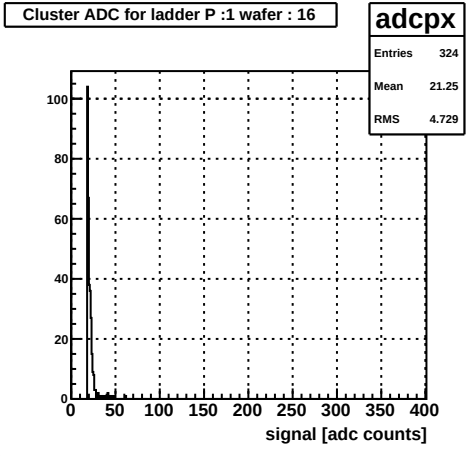

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8486
Mean 34.25
RMS 16.81
signal [adc counts]

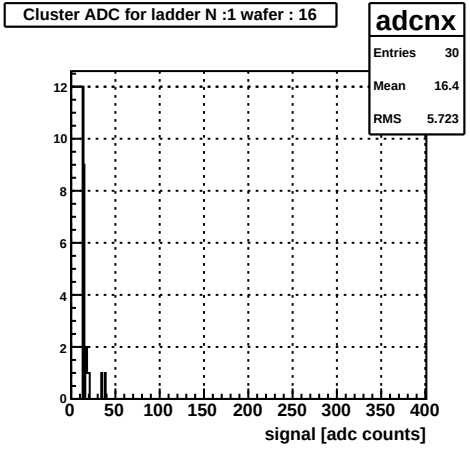

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 3720
Mean 32.79
RMS 54.95
signal [adc counts]

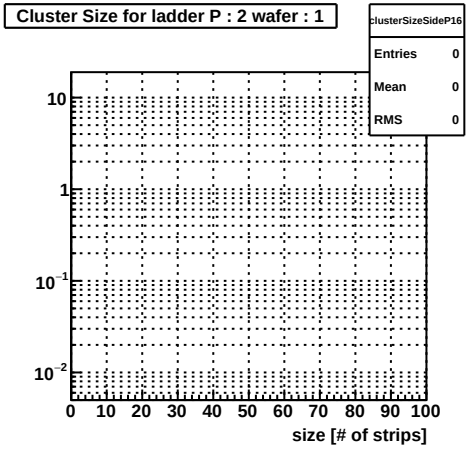

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 324
Mean 1.037
RMS 0.2045
size [# of strips]

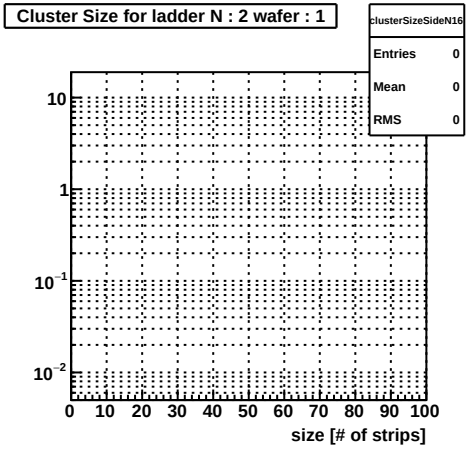

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 30
Mean 1
RMS 0
size [# of strips]

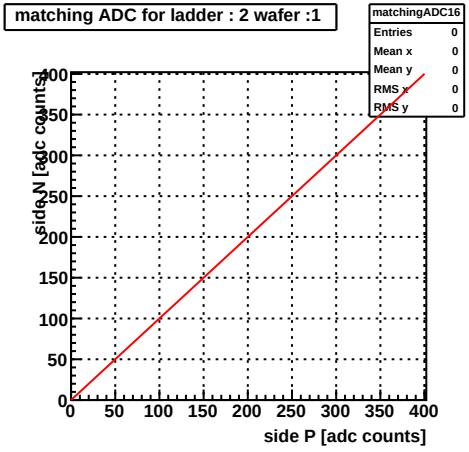

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 1
Mean x 41
Mean y 33
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

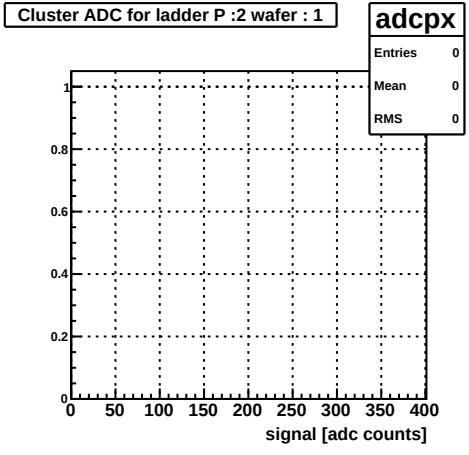

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 324
Mean 21.25
RMS 4.729
signal [adc counts]

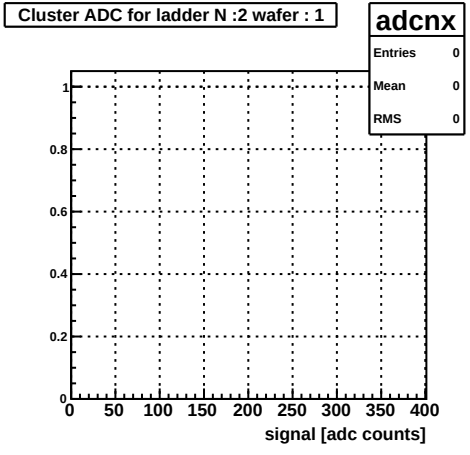

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 30
Mean 16.4
RMS 5.723
signal [adc counts]

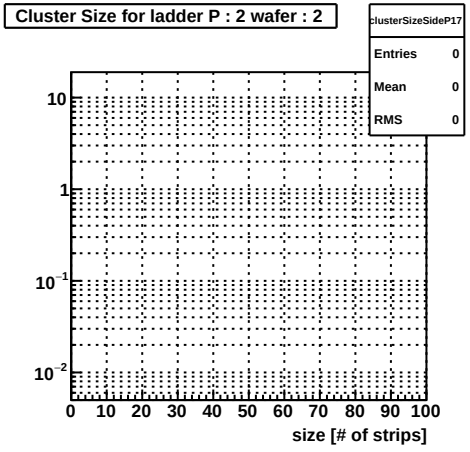

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

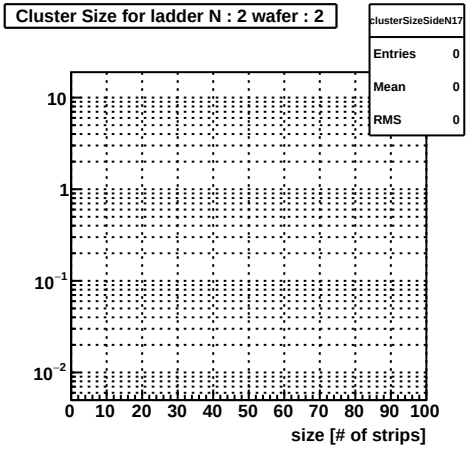

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

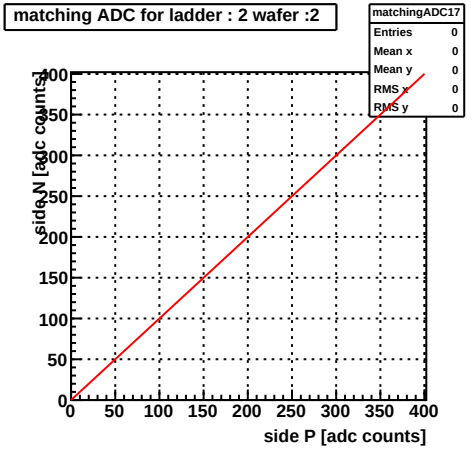

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

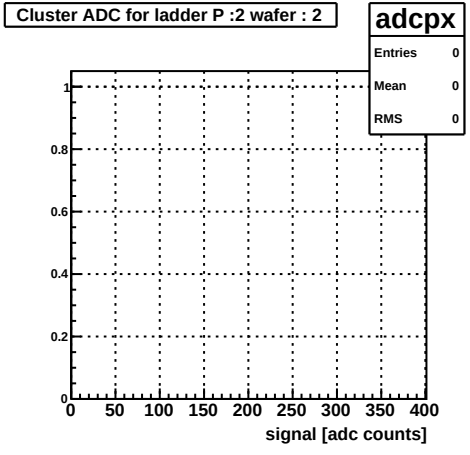

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

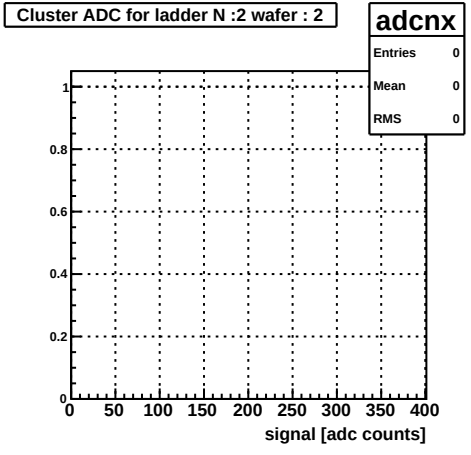

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

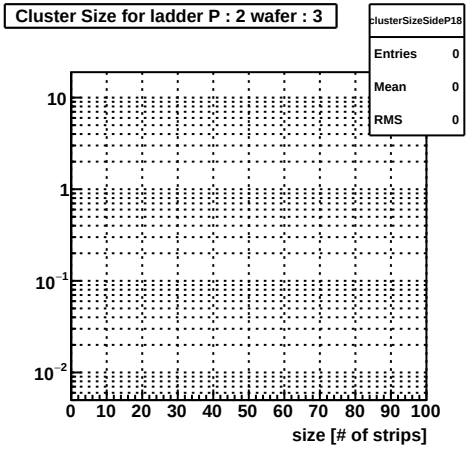

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

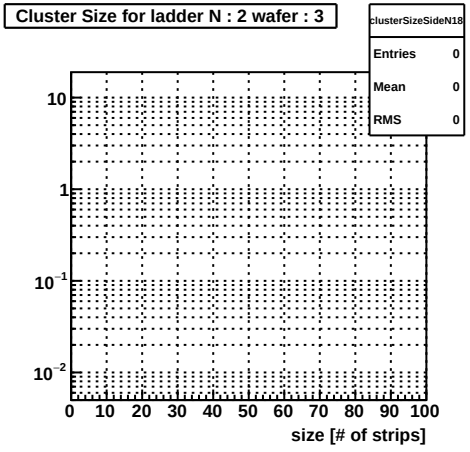

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

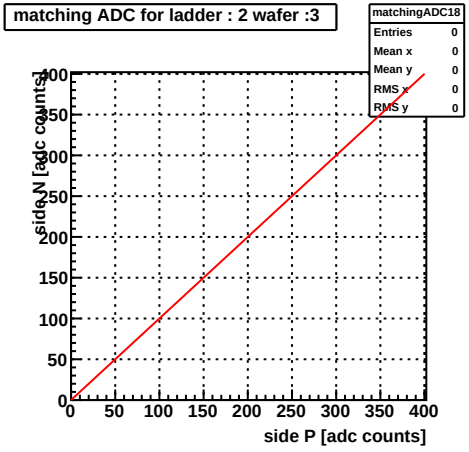

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

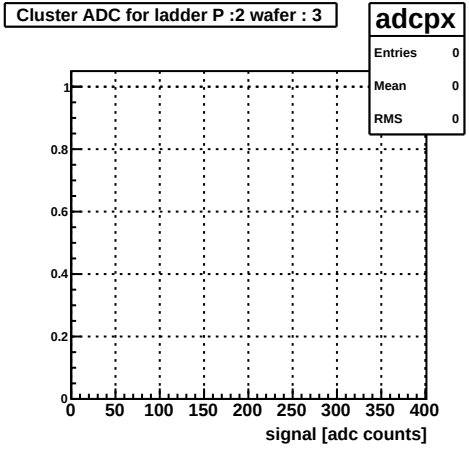

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

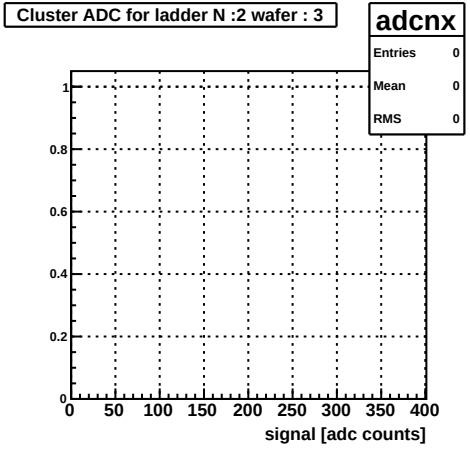

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

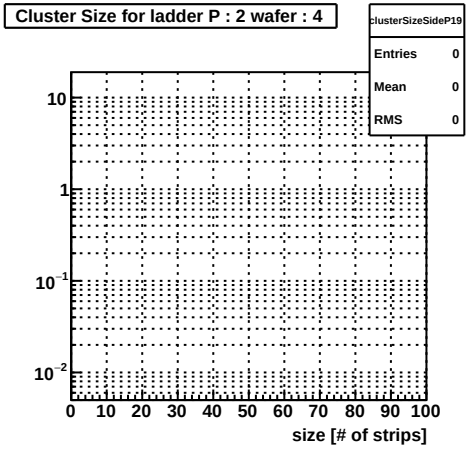

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

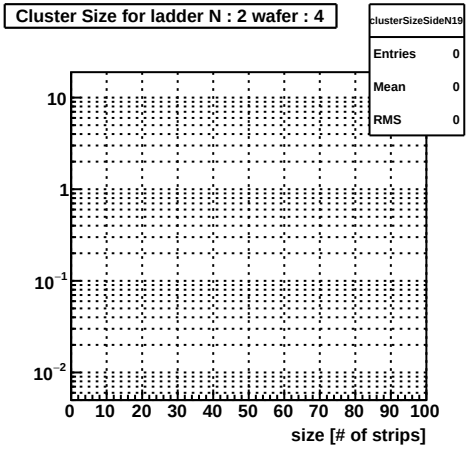

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

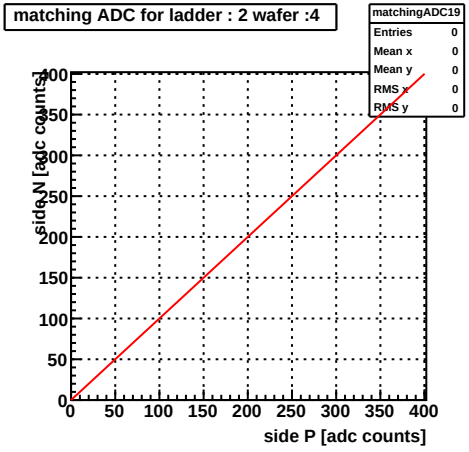

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

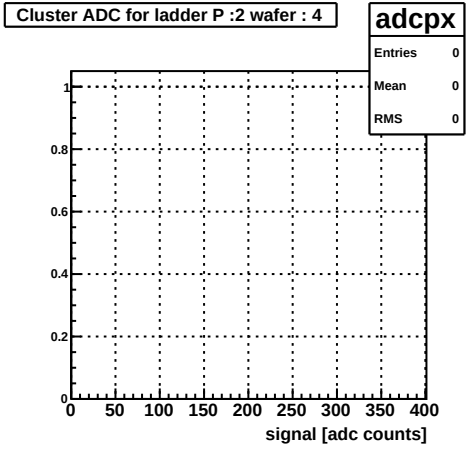

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

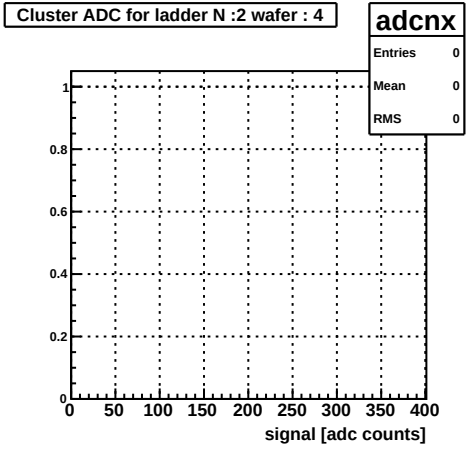

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

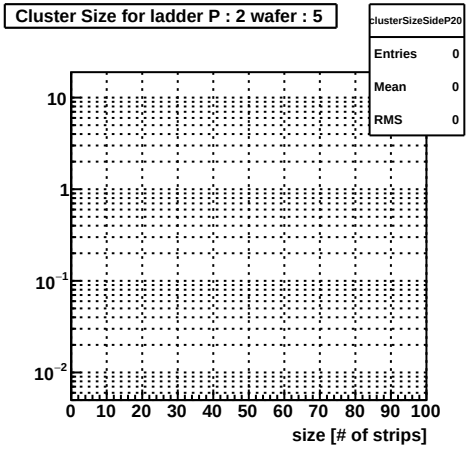

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

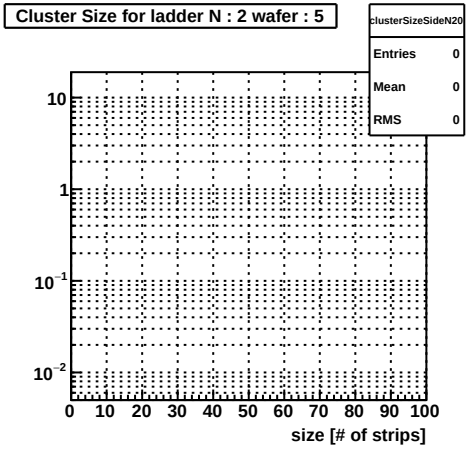

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

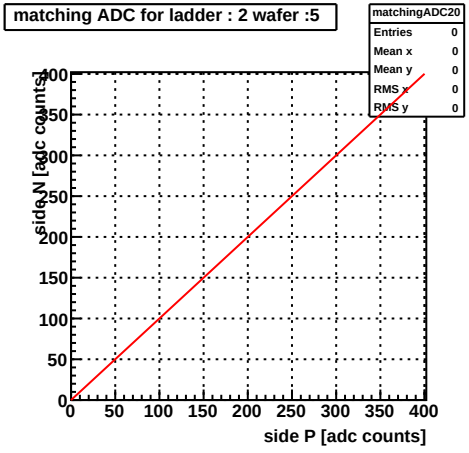

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

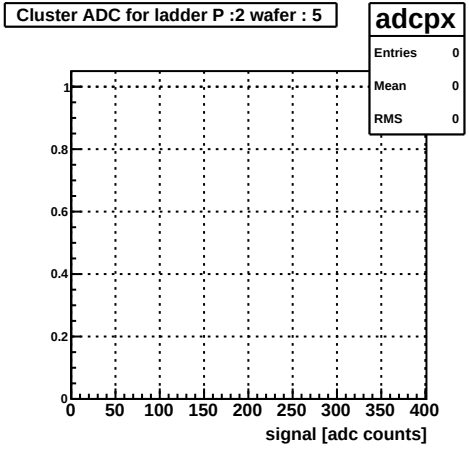

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

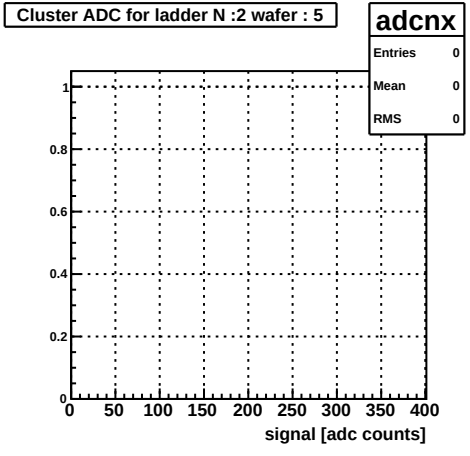

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

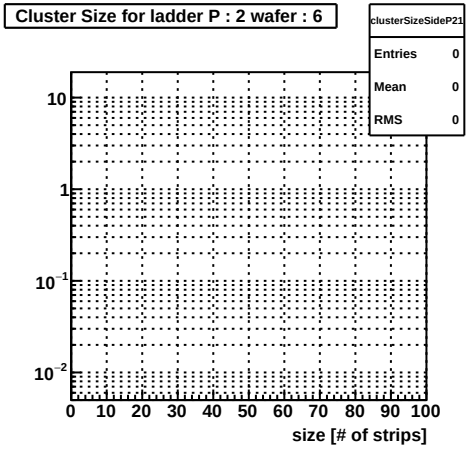

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

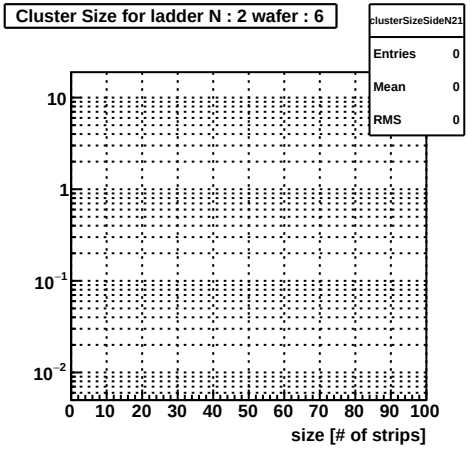

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

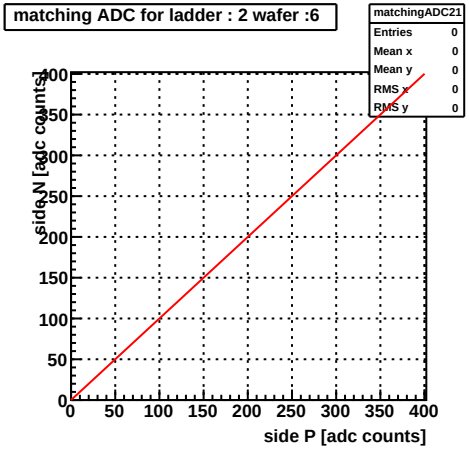

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

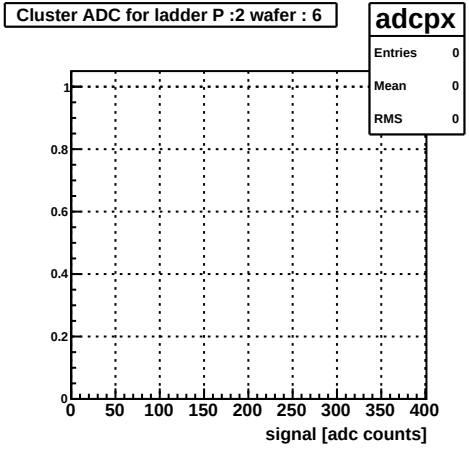

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

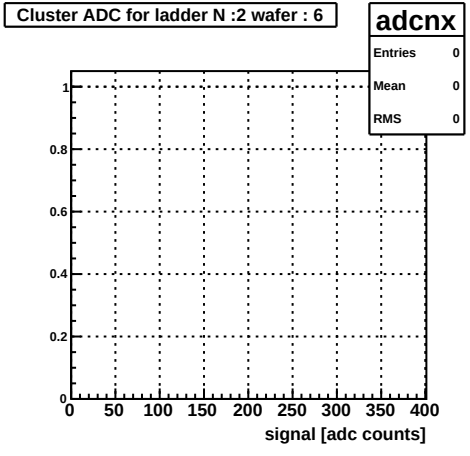

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

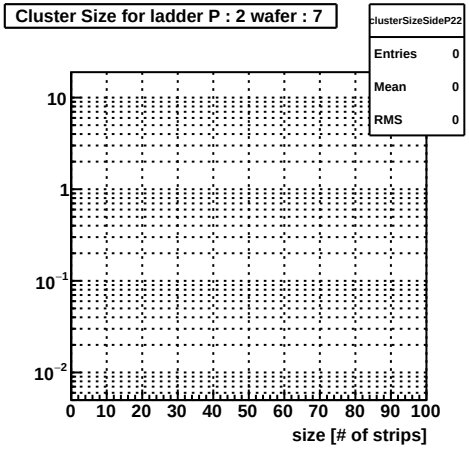

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

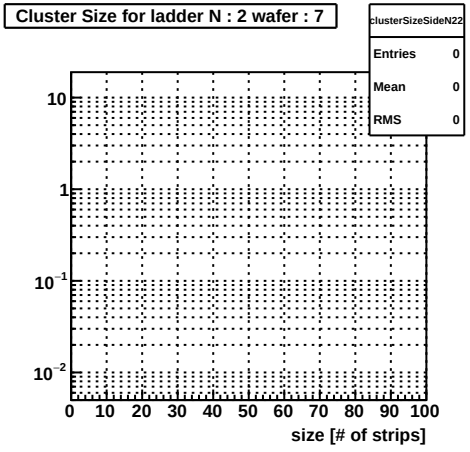

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

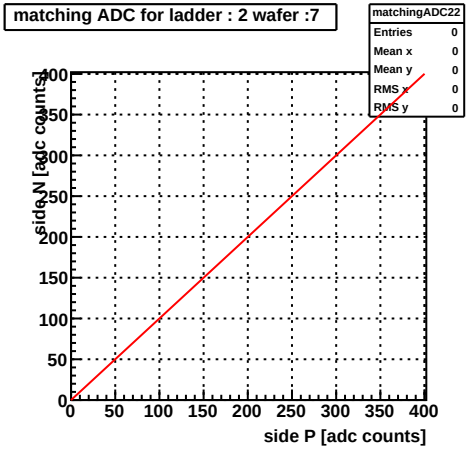

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

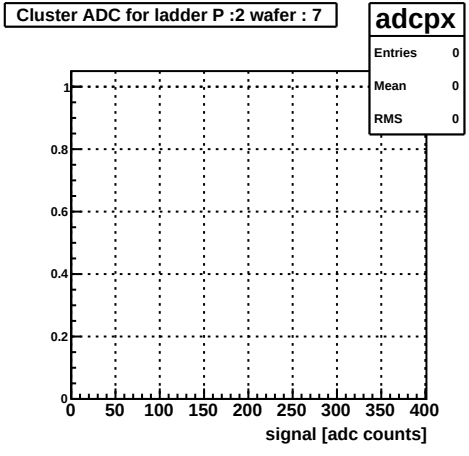

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

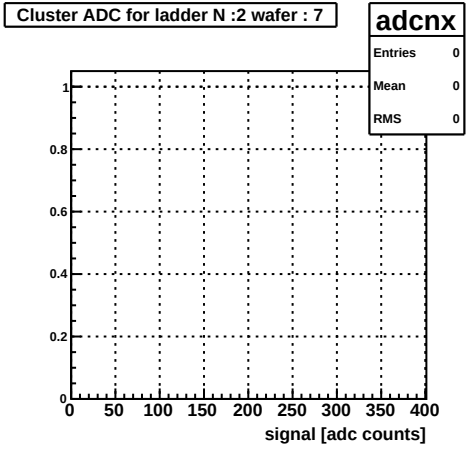

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

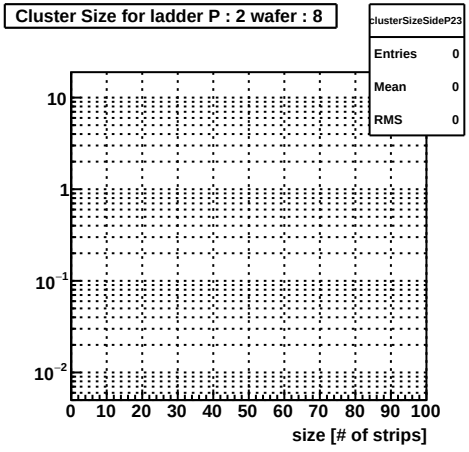

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

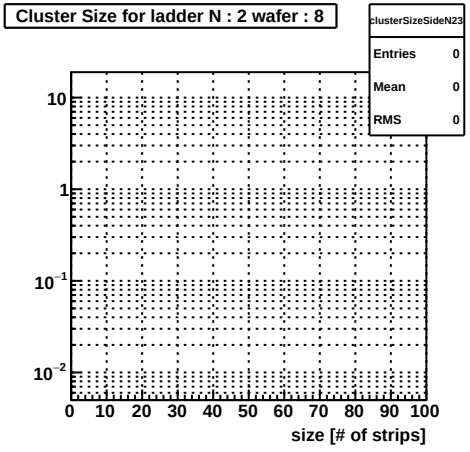

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

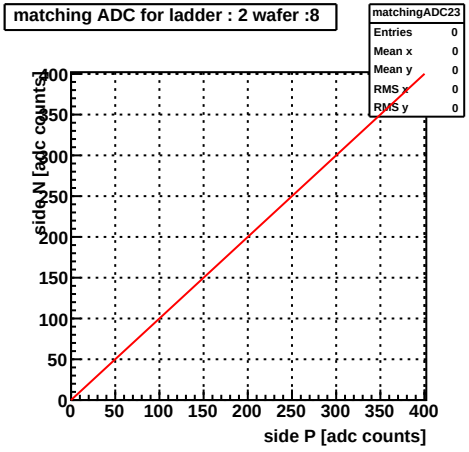

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

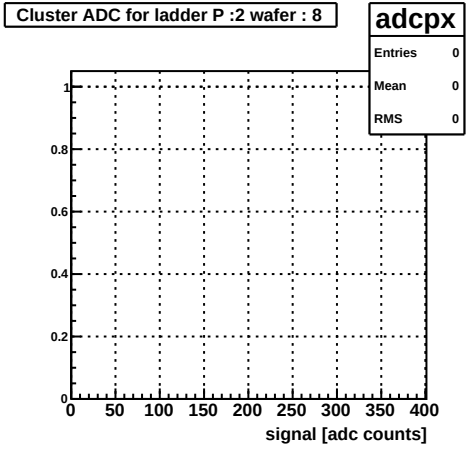

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

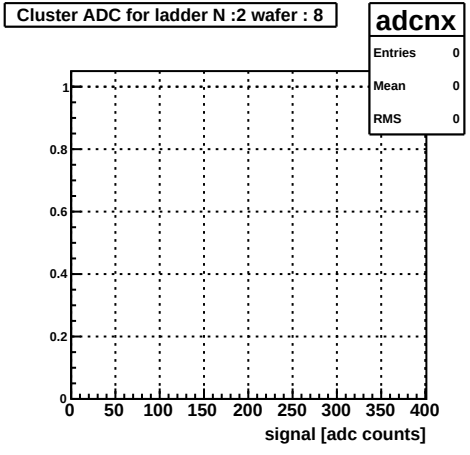

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

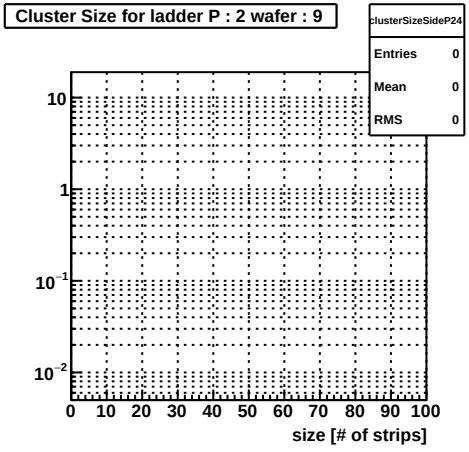

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

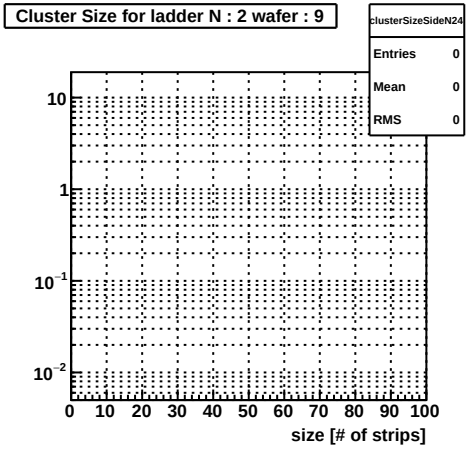

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

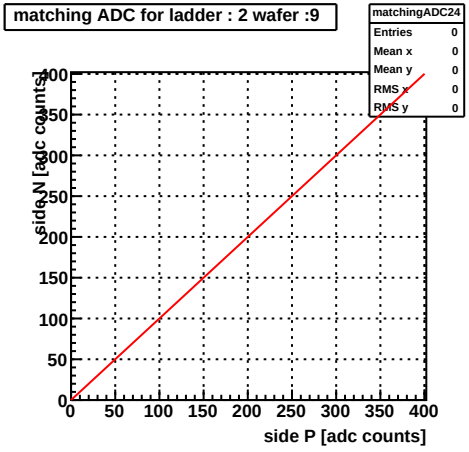

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

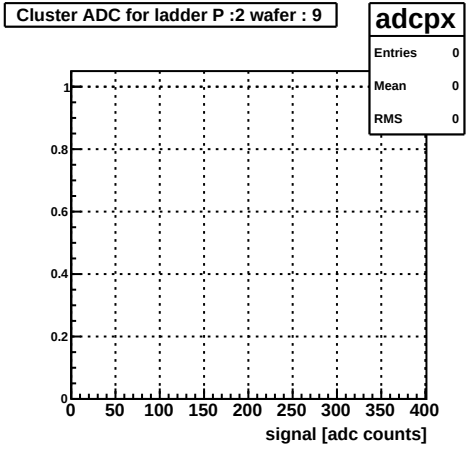

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

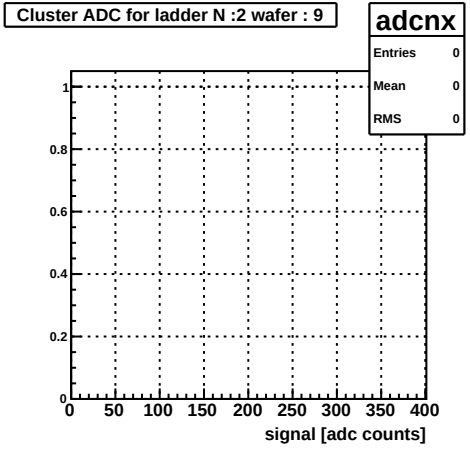

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

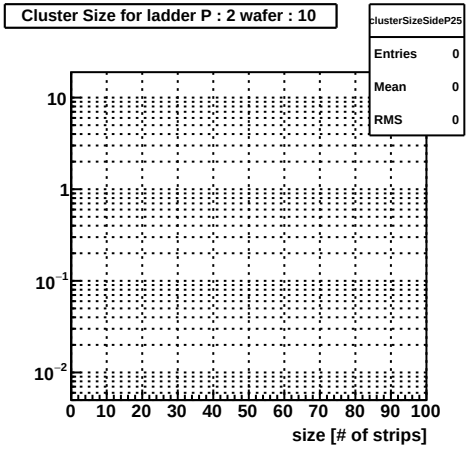

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

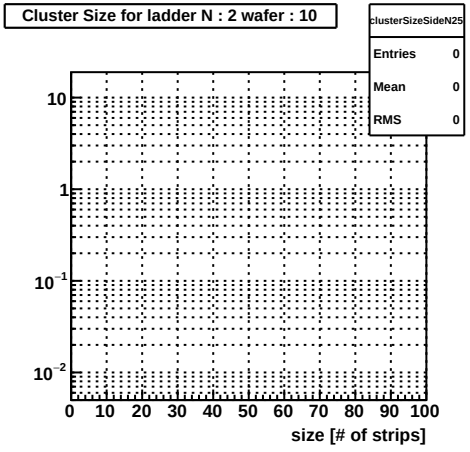

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

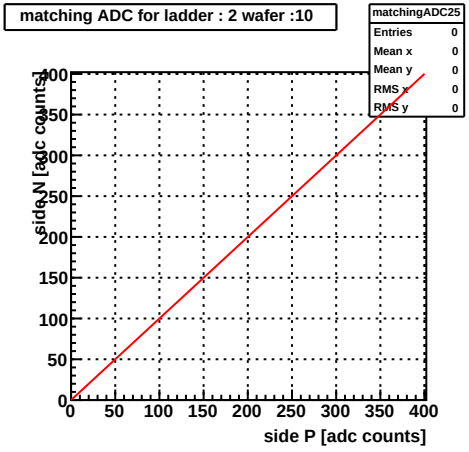

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

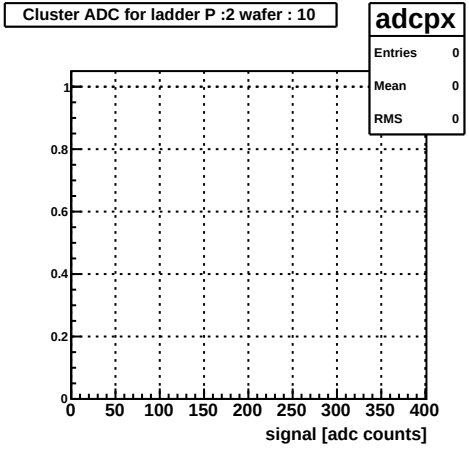

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

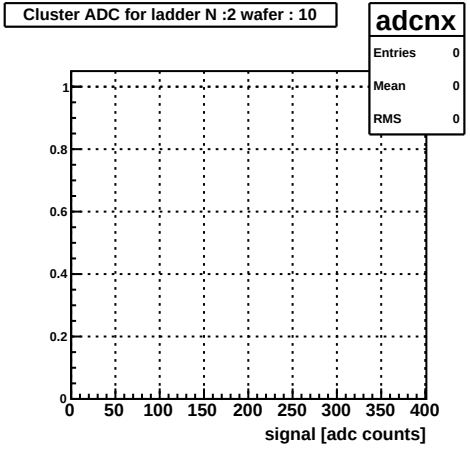

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

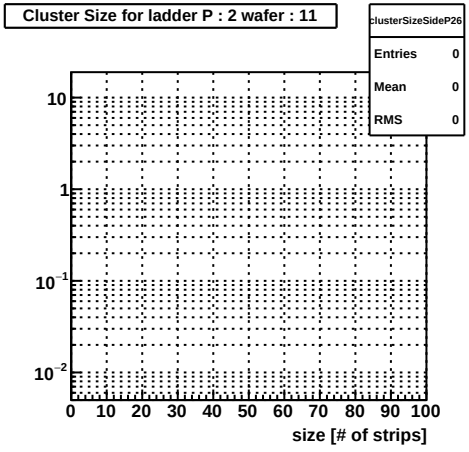

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

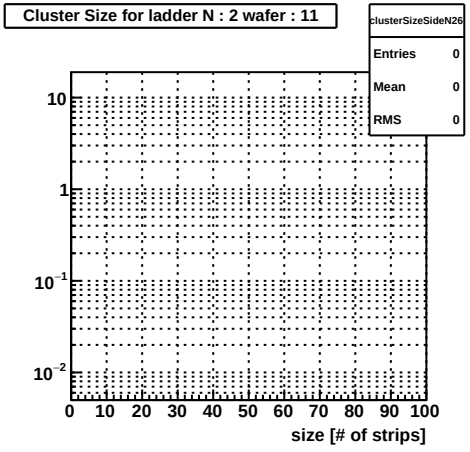

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

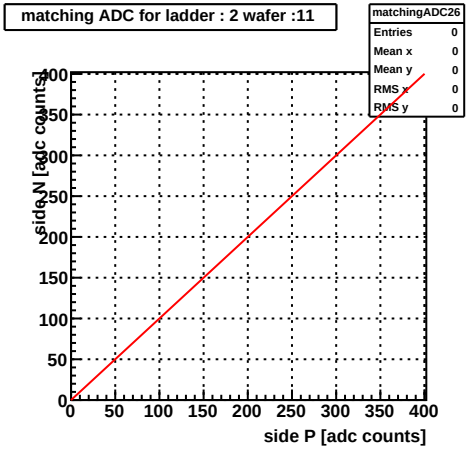

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

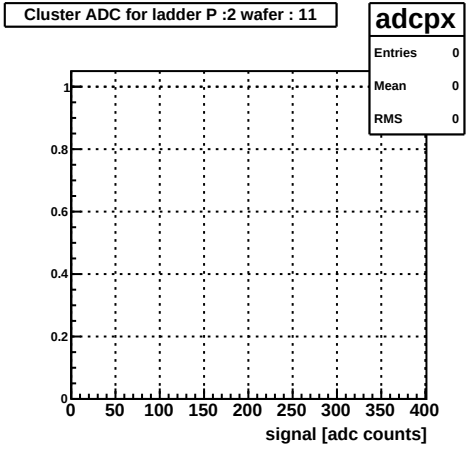

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

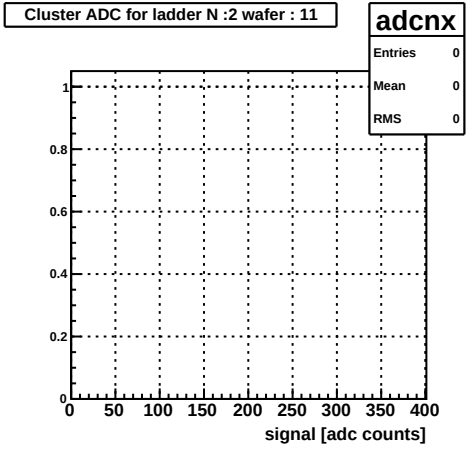

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

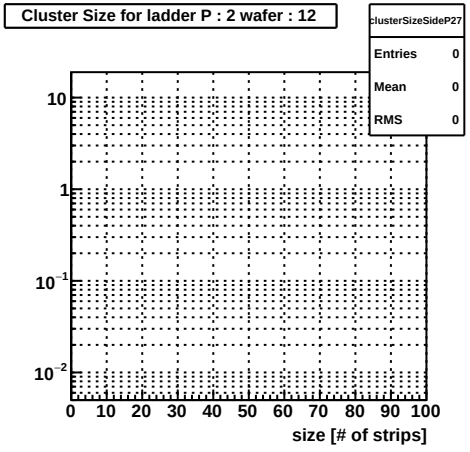

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

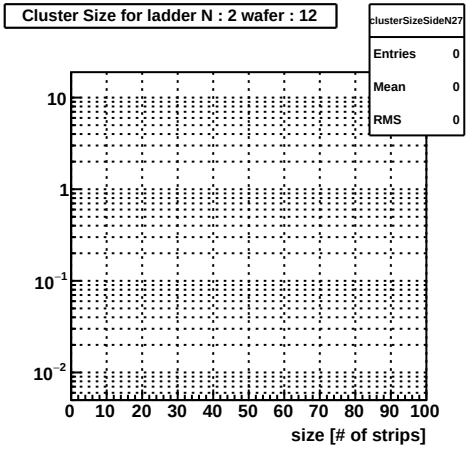

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

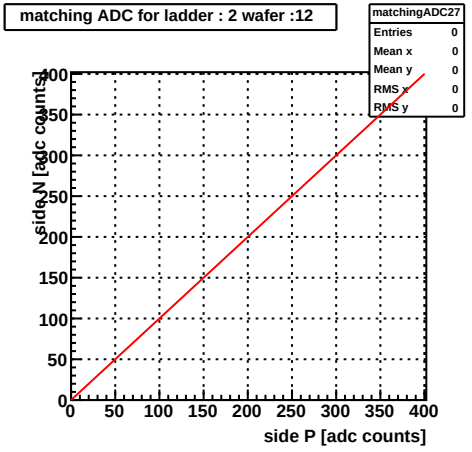

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

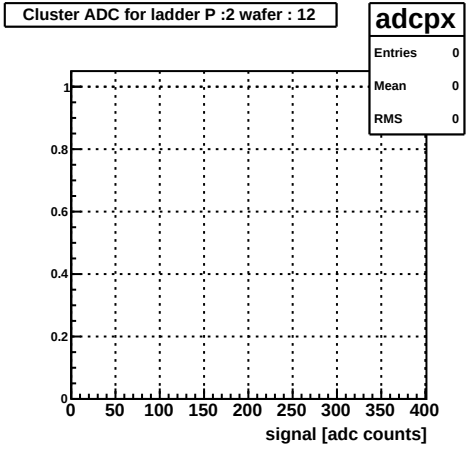

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

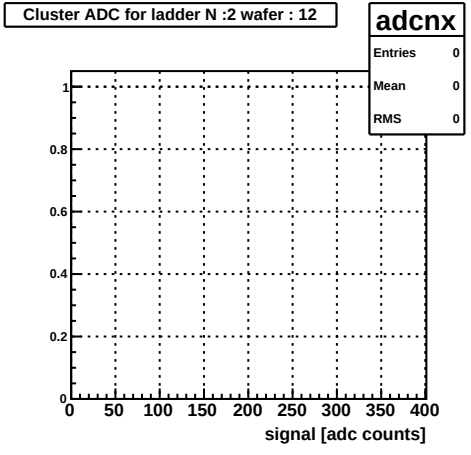

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

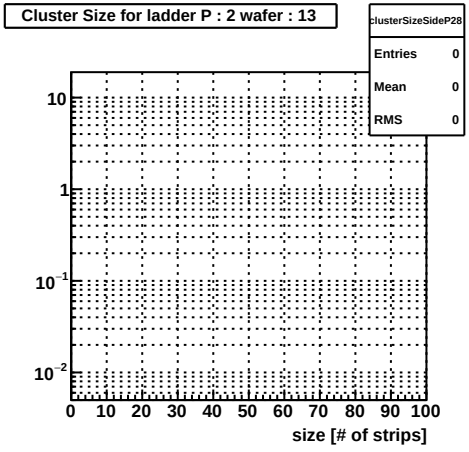

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

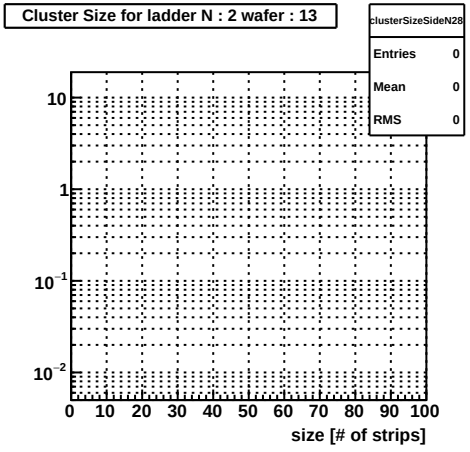

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

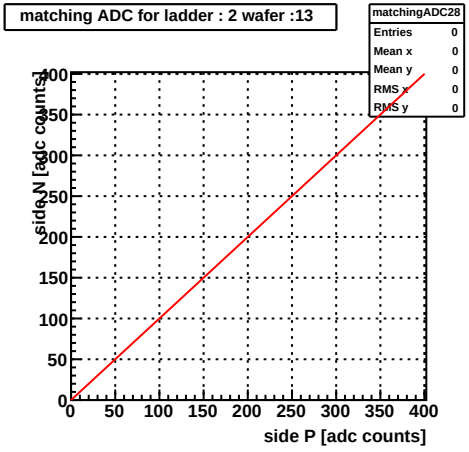

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

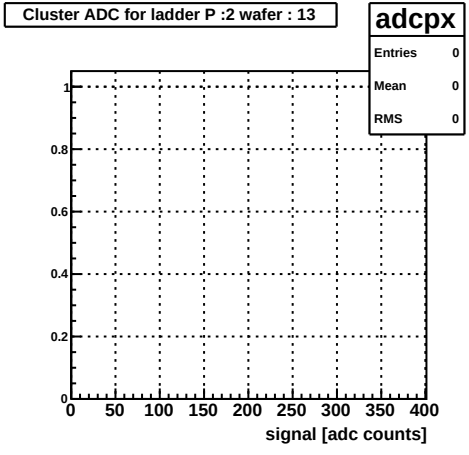

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

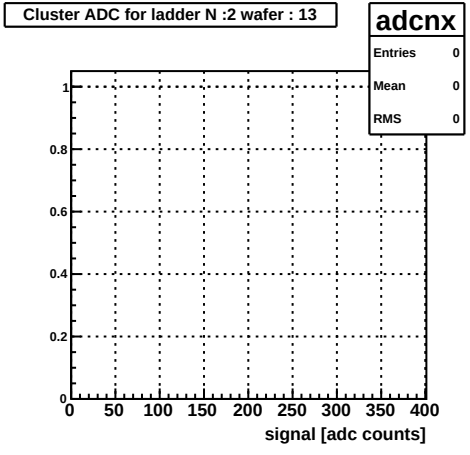

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

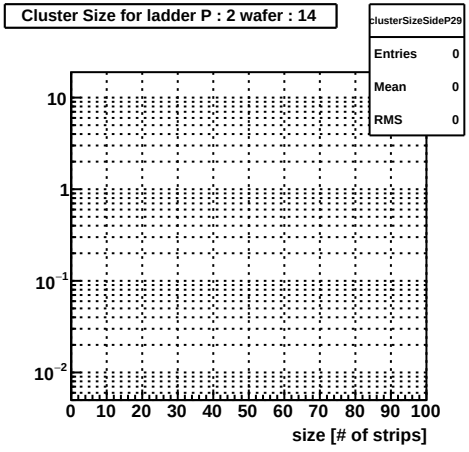

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

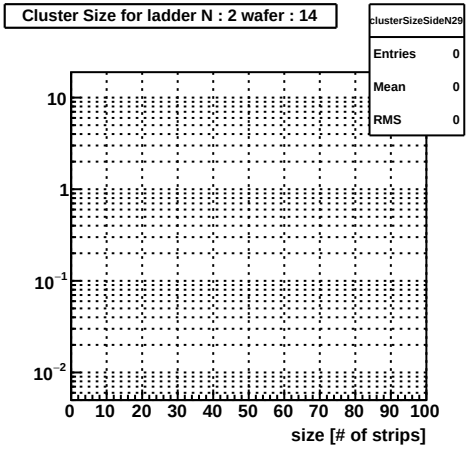

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

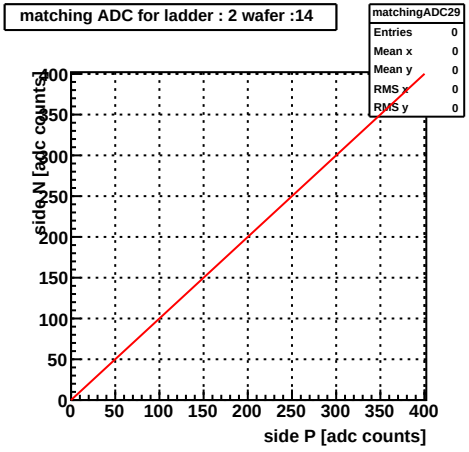

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

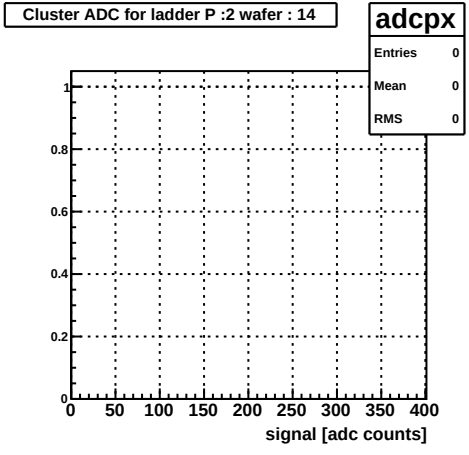

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

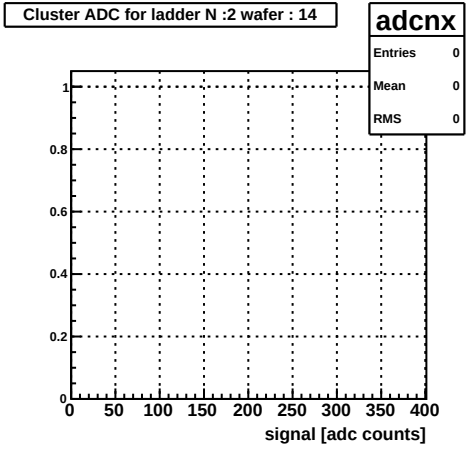

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

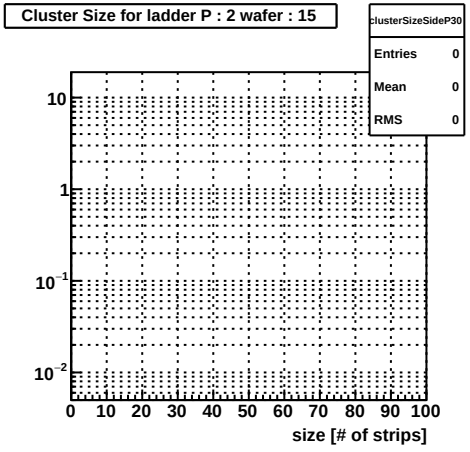

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

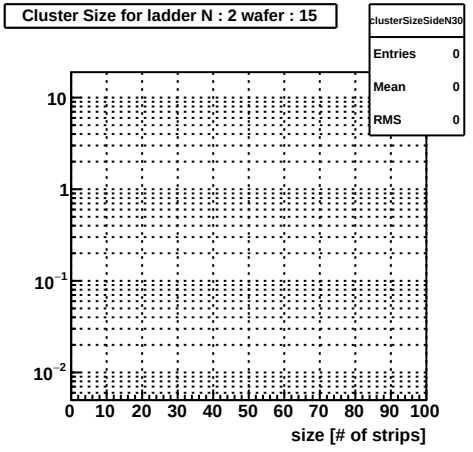

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

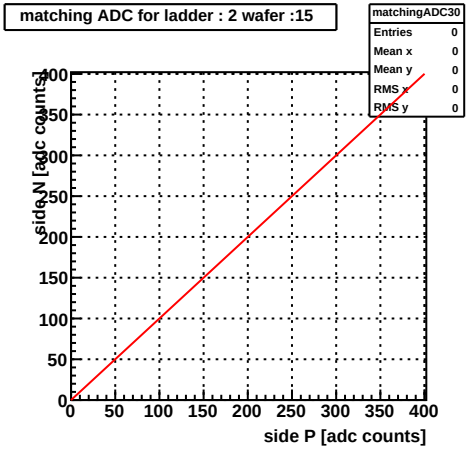

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

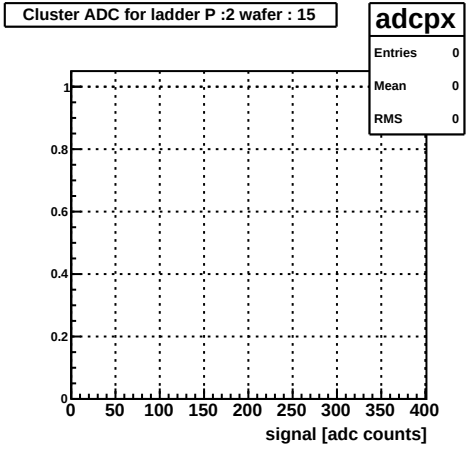

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

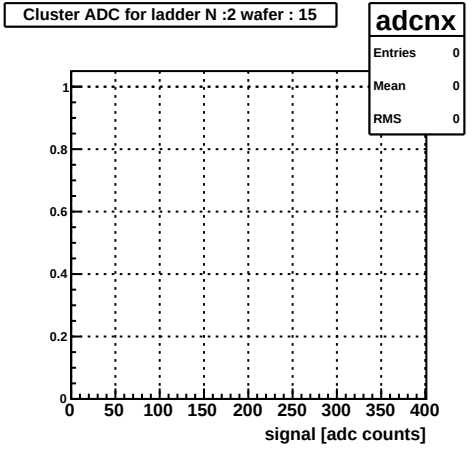

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

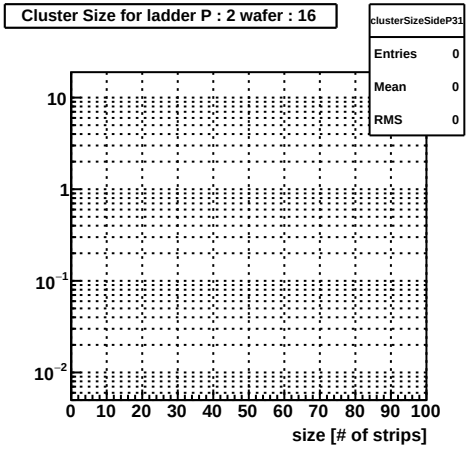

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

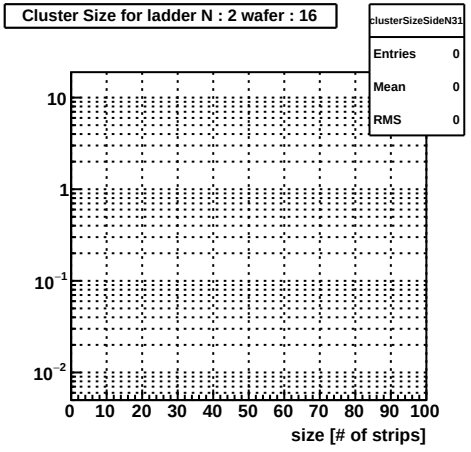

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

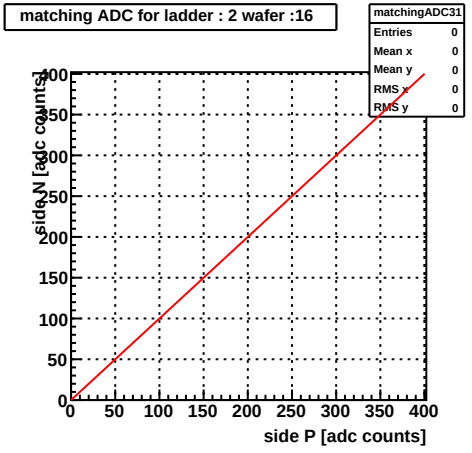

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

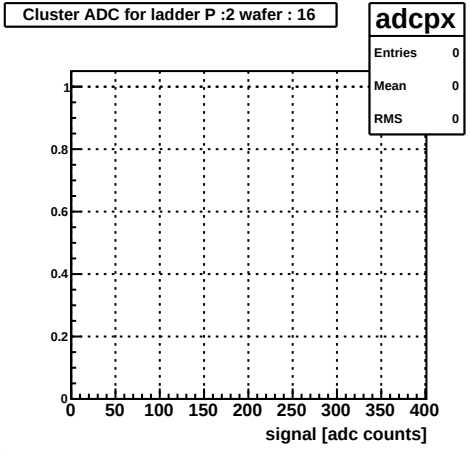

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

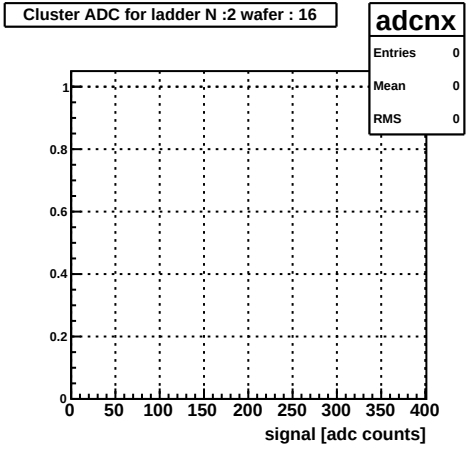

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

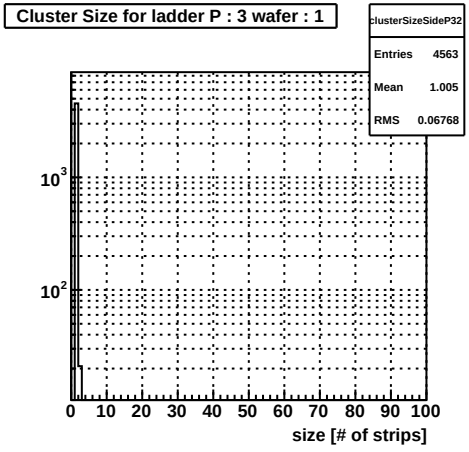

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

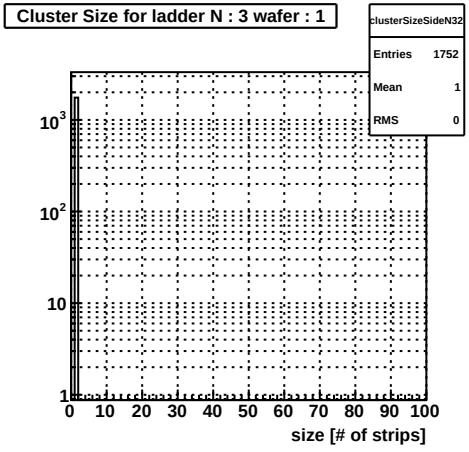

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

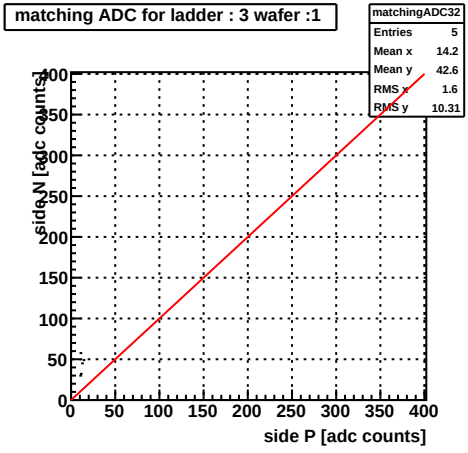

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

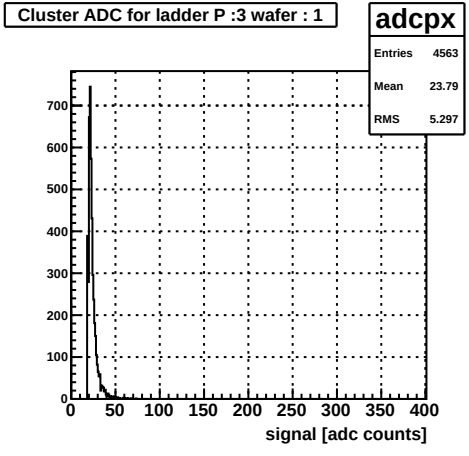

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

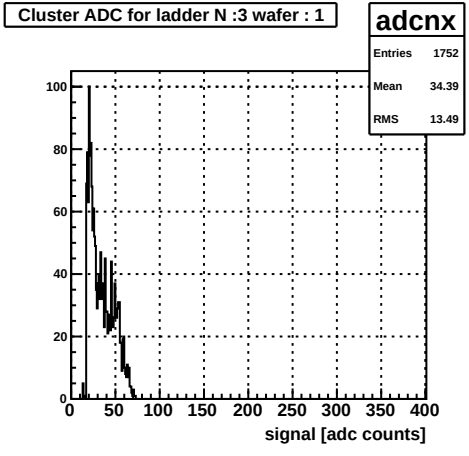

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

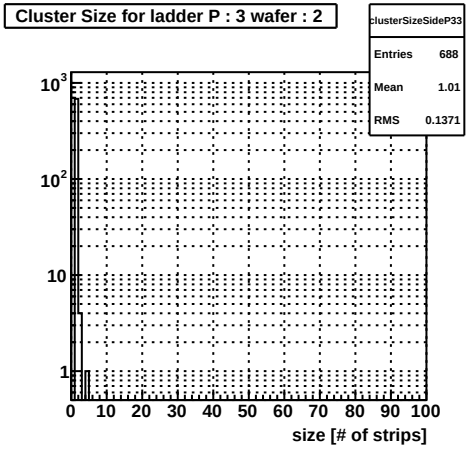

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 4563
Mean 1.005
RMS 0.06768
size [# of strips]

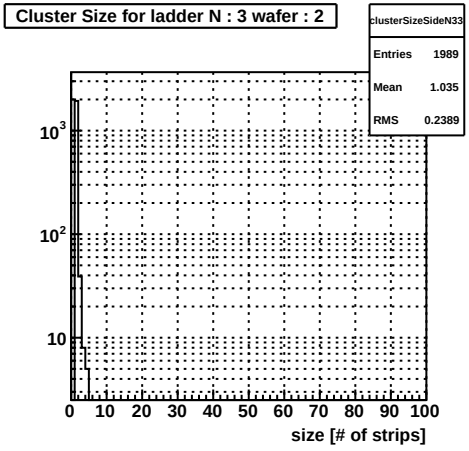

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1752
Mean 1
RMS 0
size [# of strips]

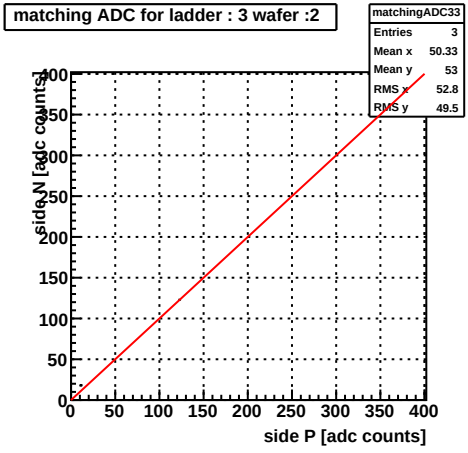

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 5
Mean x 14.2
Mean y 42.6
RMS x 1.6
RMS y 10.31
side N [adc counts]
side P [adc counts]

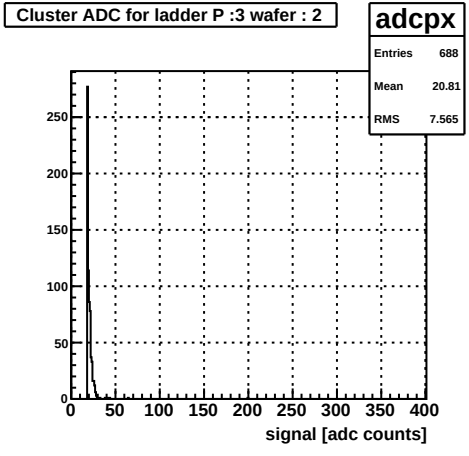

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 4563
Mean 23.79
RMS 5.297
signal [adc counts]

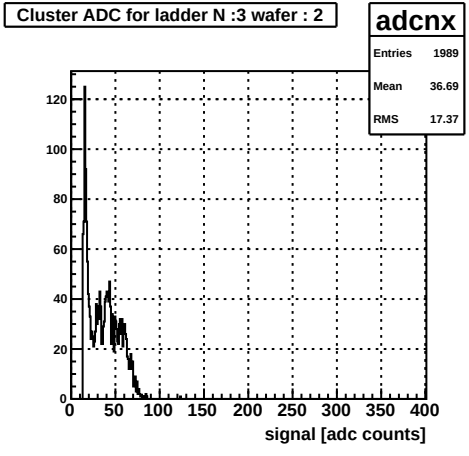

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1752
Mean 34.39
RMS 13.49
signal [adc counts]

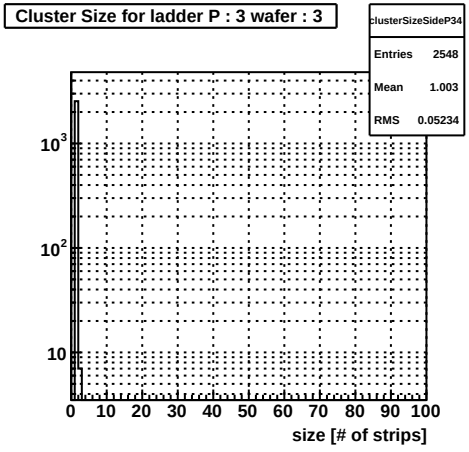

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 688
Mean 1.01
RMS 0.1371
size [# of strips]

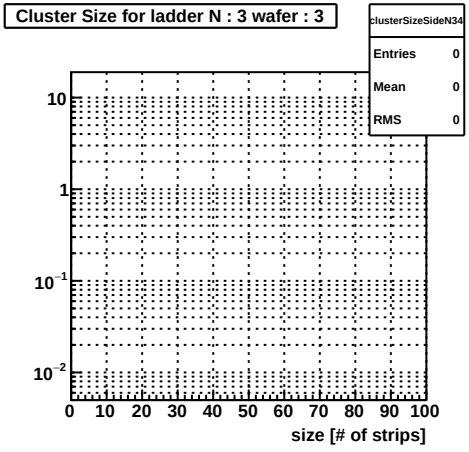

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1989
Mean 1.035
RMS 0.2389
size [# of strips]

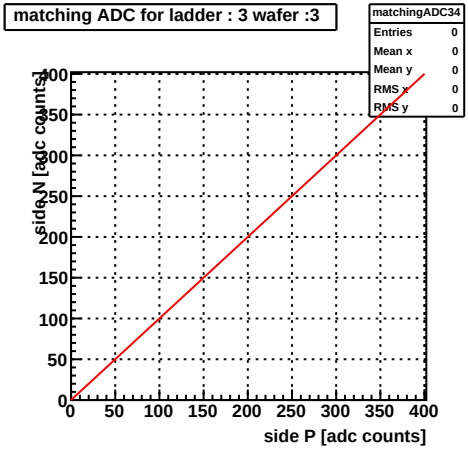

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3
Mean x 50.33
Mean y 53
RMS x 52.8
RMS y 49.5
side N [adc counts]
side P [adc counts]

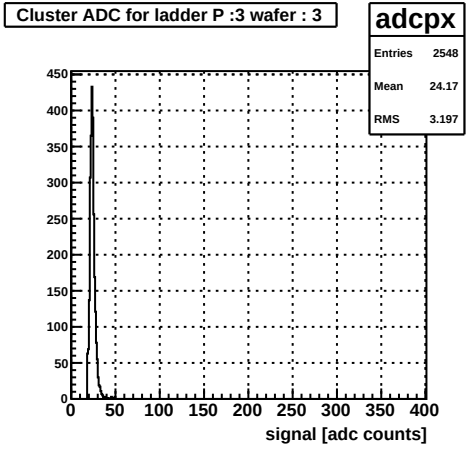

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 688
Mean 20.81
RMS 7.565
signal [adc counts]

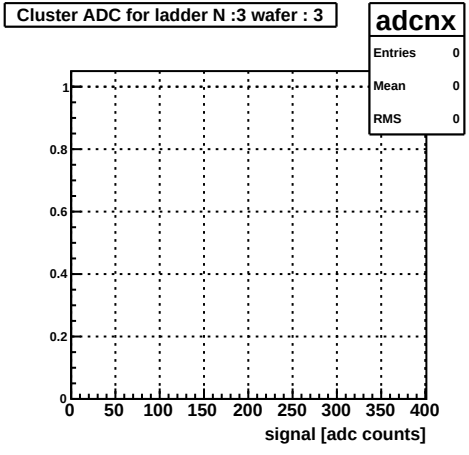

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1989
Mean 36.69
RMS 17.37
signal [adc counts]

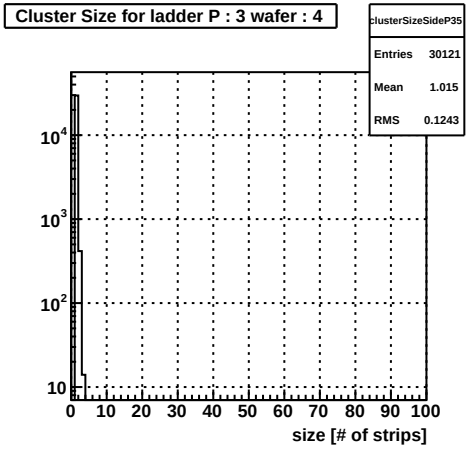

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2548
Mean 1.003
RMS 0.05234
size [# of strips]

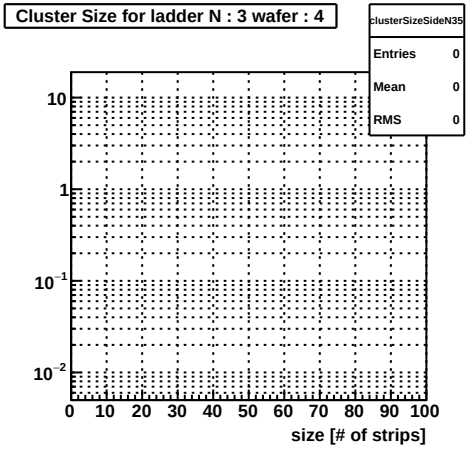

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

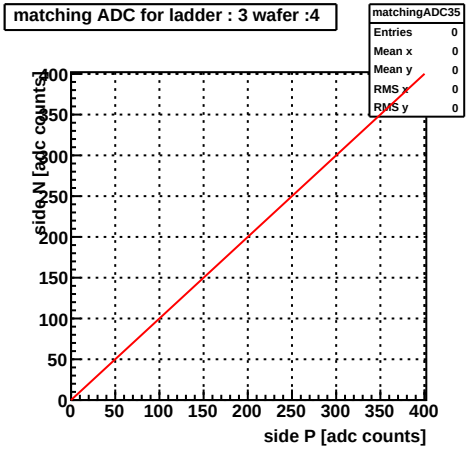

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

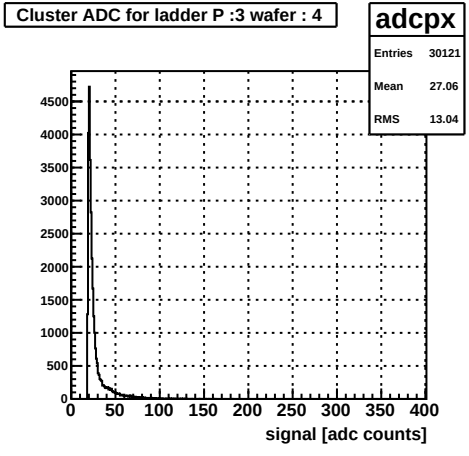

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2548
Mean 24.17
RMS 3.197
signal [adc counts]

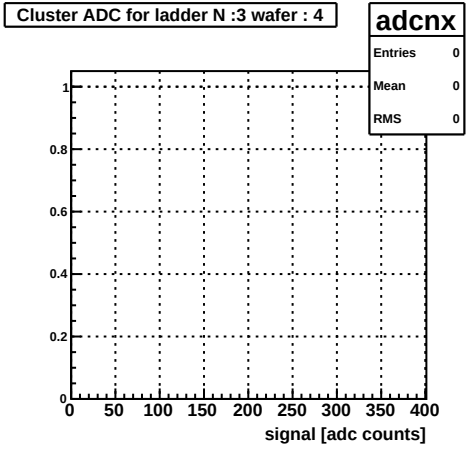

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

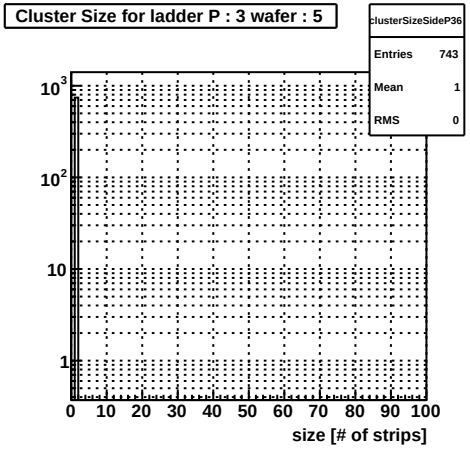

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 30121
Mean 1.015
RMS 0.1243
size [# of strips]

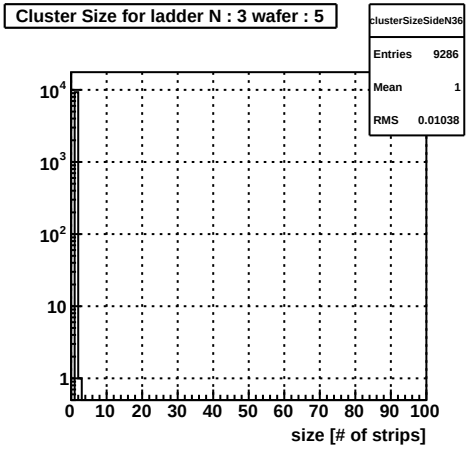

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

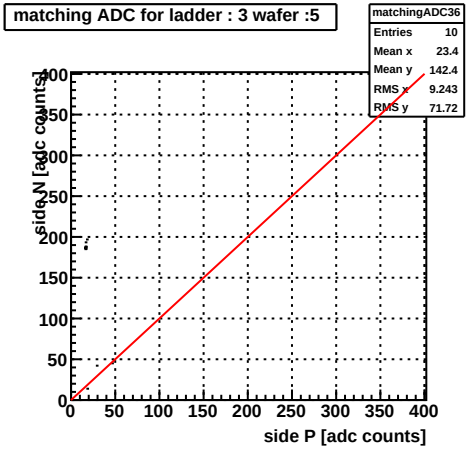

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

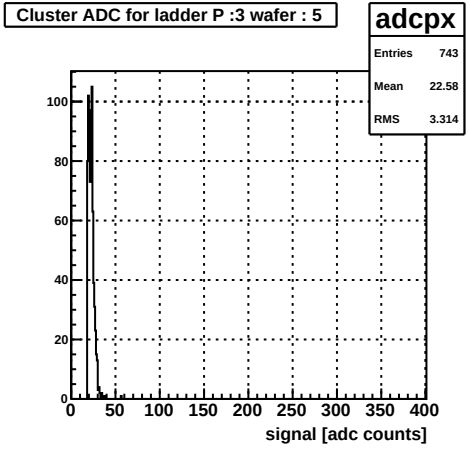

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 30121
Mean 27.06
RMS 13.04
signal [adc counts]

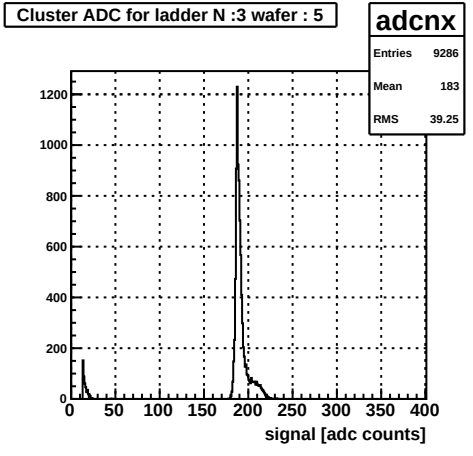

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

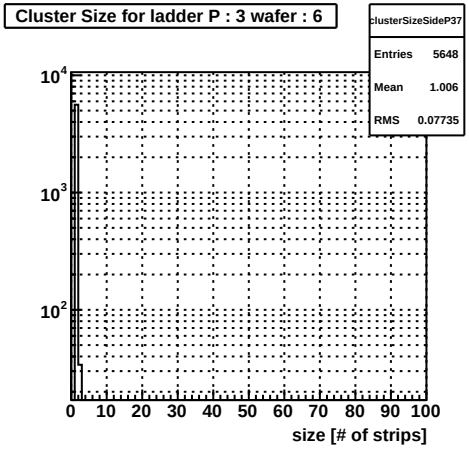

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 743
Mean 1
RMS 0
size [# of strips]

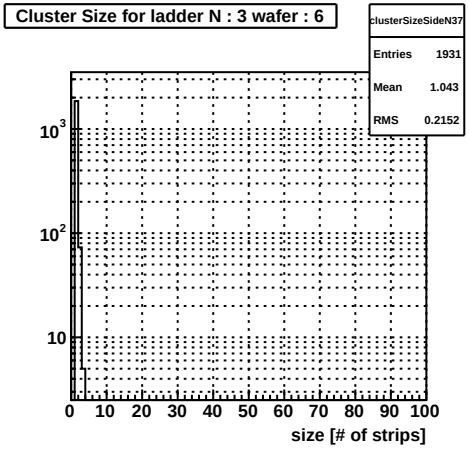

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 9286
Mean 1
RMS 0.01038
size [# of strips]

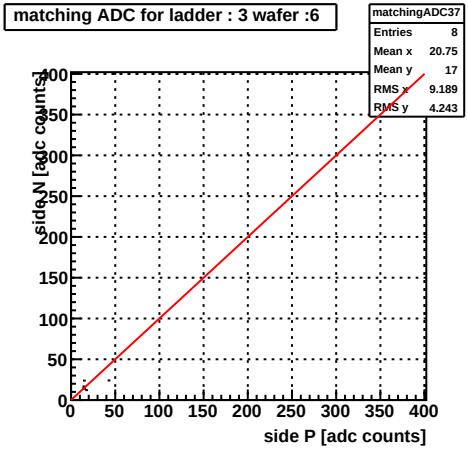

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 10
Mean x 23.4
Mean y 142.4
RMS x 9.243
RMS y 71.72
side N [adc counts]
side P [adc counts]

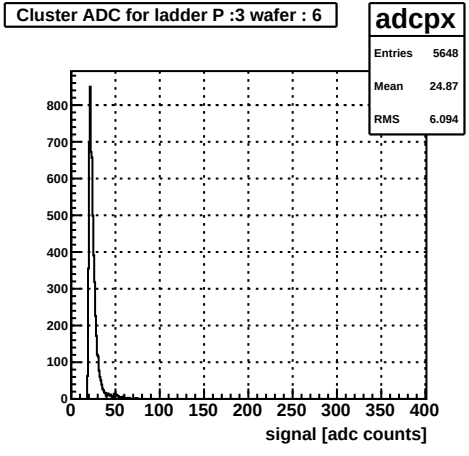

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 743
Mean 22.58
RMS 3.314
signal [adc counts]

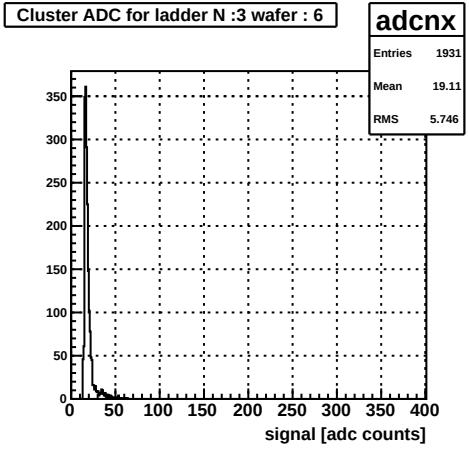

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 9286
Mean 183
RMS 39.25
signal [adc counts]

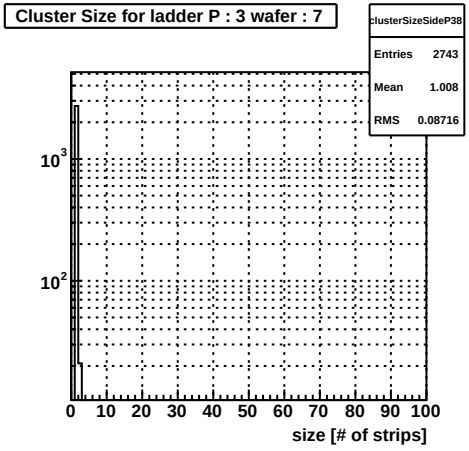

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5648
Mean 1.006
RMS 0.07735
size [# of strips]

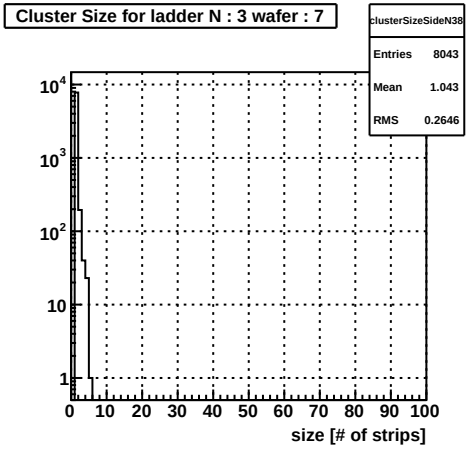

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1931
Mean 1.043
RMS 0.2152
size [# of strips]

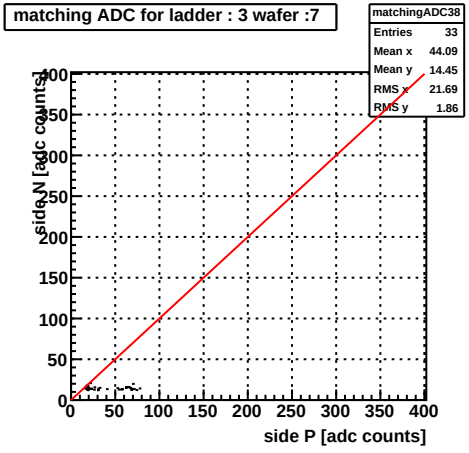

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 8
Mean x 20.75
Mean y 17
RMS x 9.189
RMS y 4.243
side N [adc counts]
side P [adc counts]

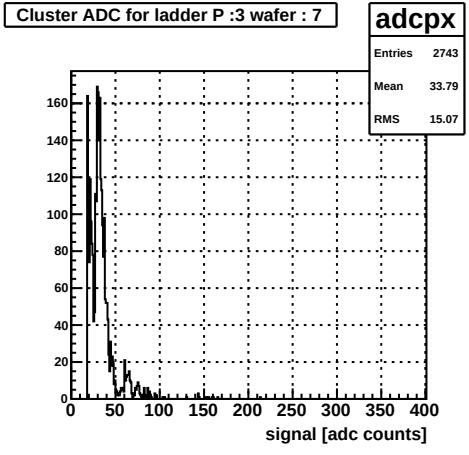

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5648
Mean 24.87
RMS 6.094
signal [adc counts]

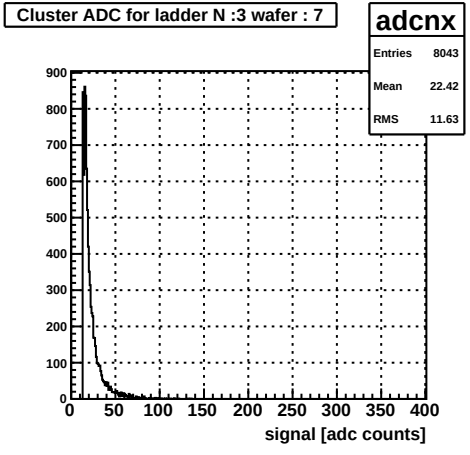

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1931
Mean 19.11
RMS 5.746
signal [adc counts]

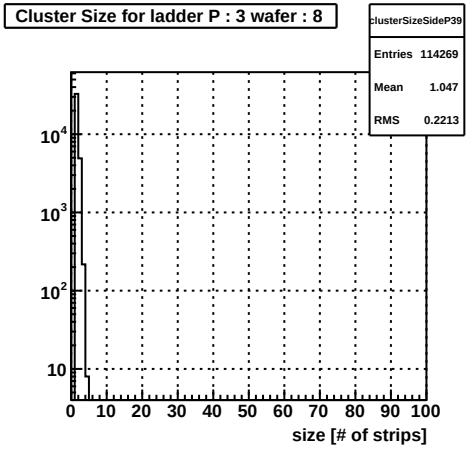

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2743
Mean 1.008
RMS 0.08716
size [# of strips]

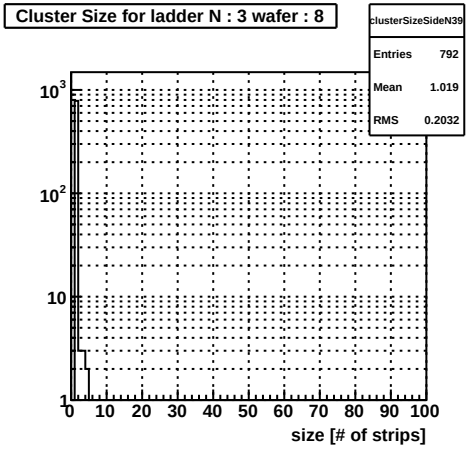

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8043
Mean 1.043
RMS 0.2646
size [# of strips]

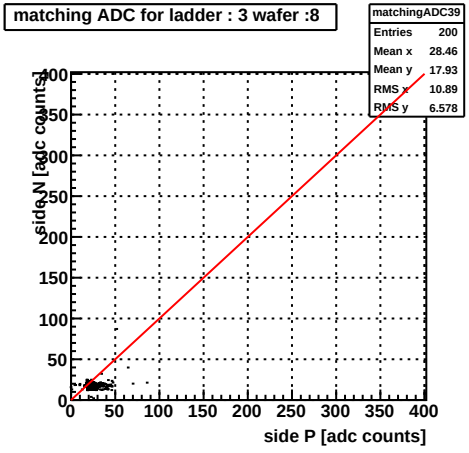

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 33
Mean x 44.09
Mean y 14.45
RMS x 21.69
RMS y 1.86
side N [adc counts]
side P [adc counts]

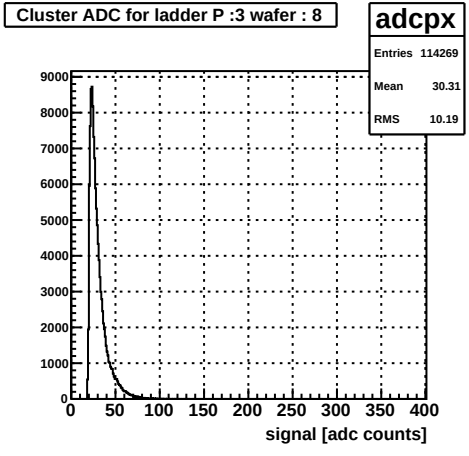

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2743
Mean 33.79
RMS 15.07
signal [adc counts]

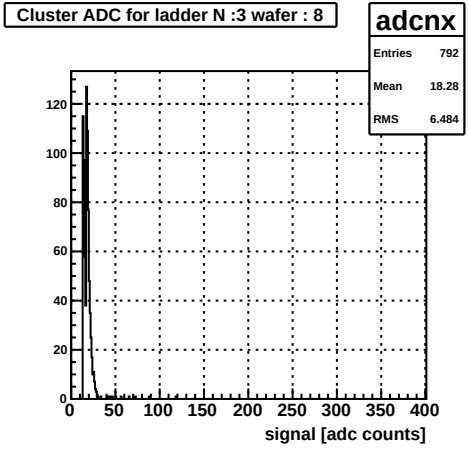

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8043
Mean 22.42
RMS 11.63
signal [adc counts]

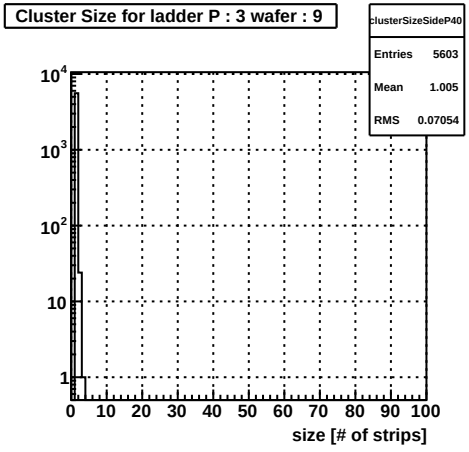

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 114269
Mean 1.047
RMS 0.2213
size [# of strips]

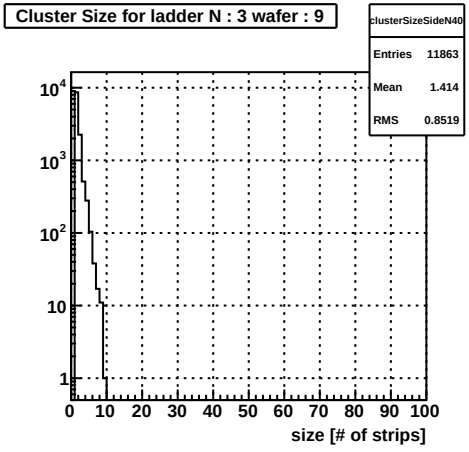

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 792
Mean 1.019
RMS 0.2032
size [# of strips]

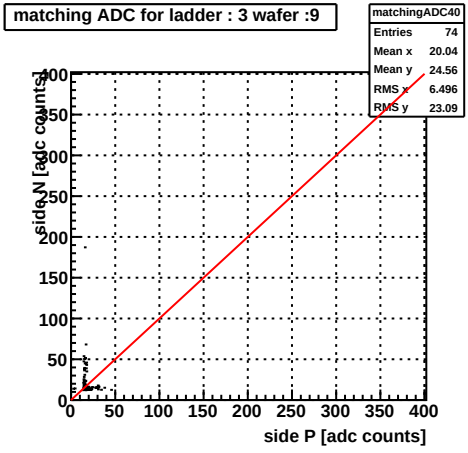

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 200
Mean x 28.46
Mean y 17.93
RMS x 10.89
RMS y 6.578
side N [adc counts]
side P [adc counts]

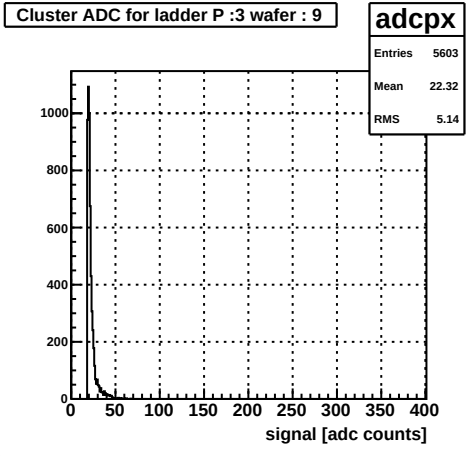

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 114269
Mean 30.31
RMS 10.19
signal [adc counts]

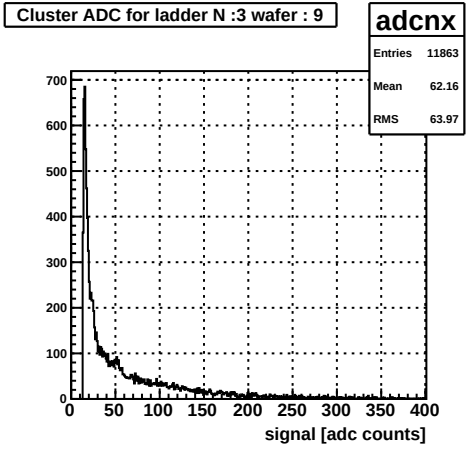

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 792
Mean 18.28
RMS 6.484
signal [adc counts]

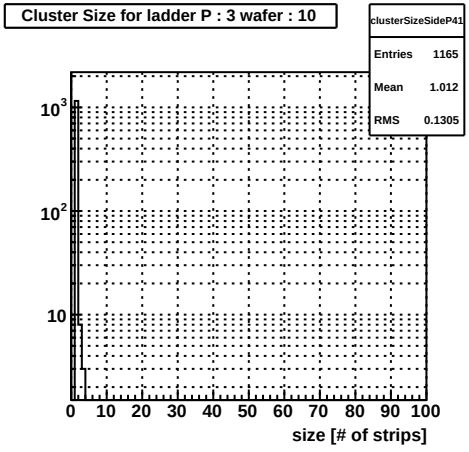

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 5603
Mean 1.005
RMS 0.07054
size [# of strips]

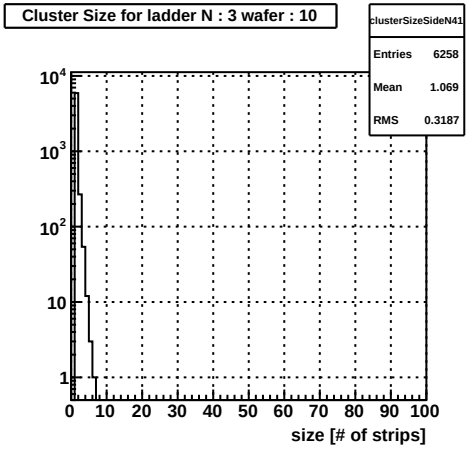

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 11863
Mean 1.414
RMS 0.8519
size [# of strips]

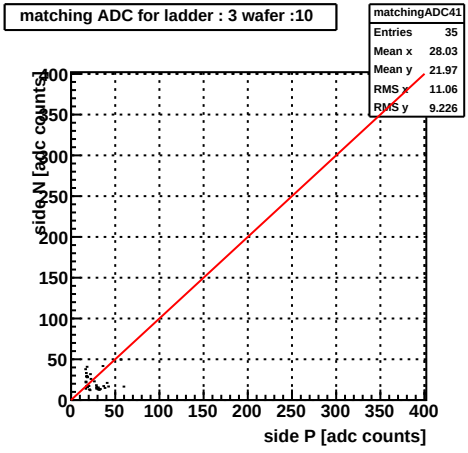

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 74
Mean x 20.04
Mean y 24.56
RMS x 6.496
RMS y 23.09
side N [adc counts]
side P [adc counts]

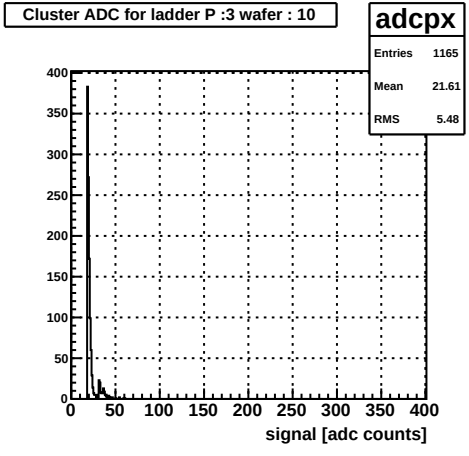

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 5603
Mean 22.32
RMS 5.14
signal [adc counts]

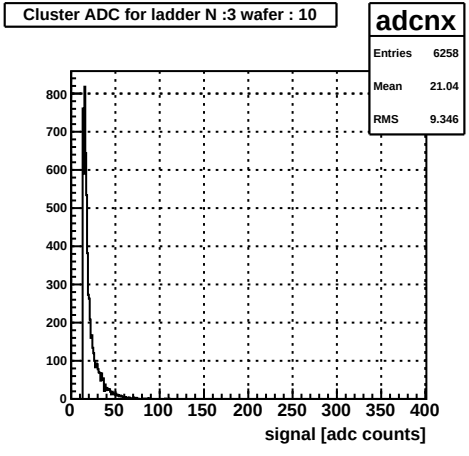

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 11863
Mean 62.16
RMS 63.97
signal [adc counts]

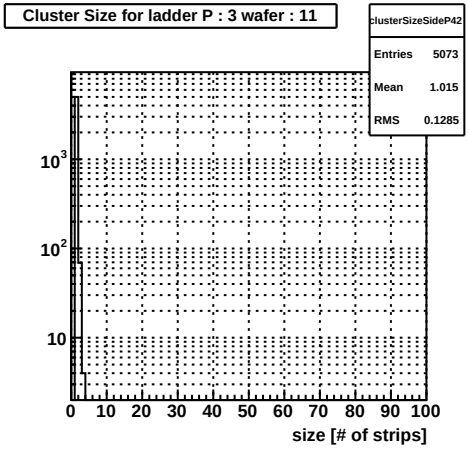

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1165
Mean 1.012
RMS 0.1305
size [# of strips]

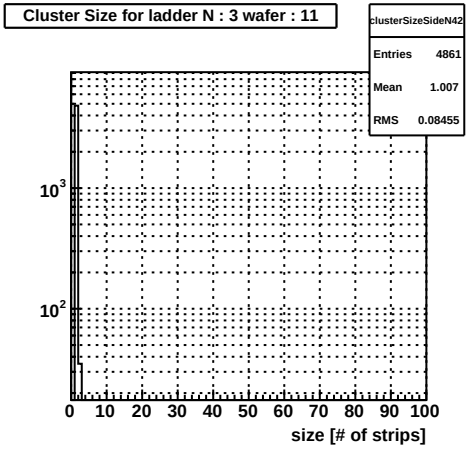

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 6258
Mean 1.069
RMS 0.3187
size [# of strips]

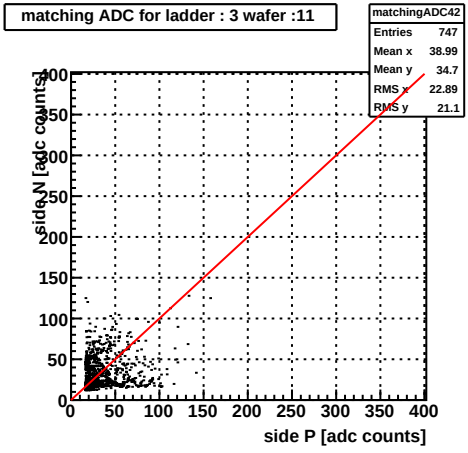

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 35
Mean x 28.03
Mean y 21.97
RMS x 11.06
RMS y 9.226
side N [adc counts]
side P [adc counts]

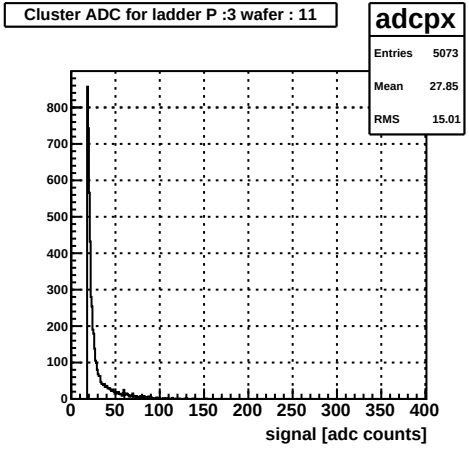

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1165
Mean 21.61
RMS 5.48
signal [adc counts]

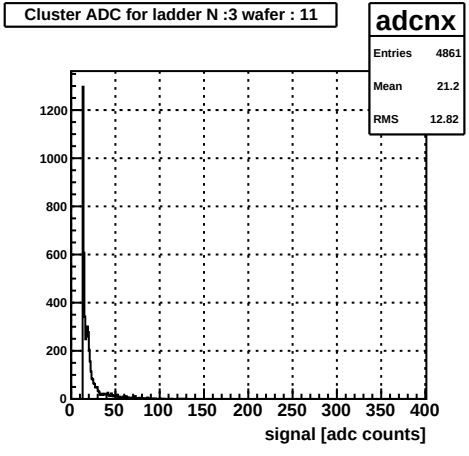

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 6258
Mean 21.04
RMS 9.346
signal [adc counts]

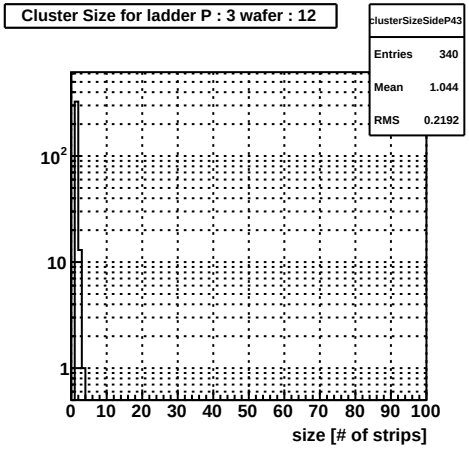

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 5073
Mean 1.015
RMS 0.1285
size [# of strips]

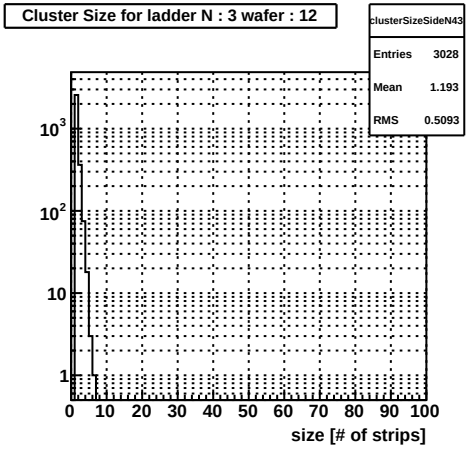

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4861
Mean 1.007
RMS 0.08455
size [# of strips]

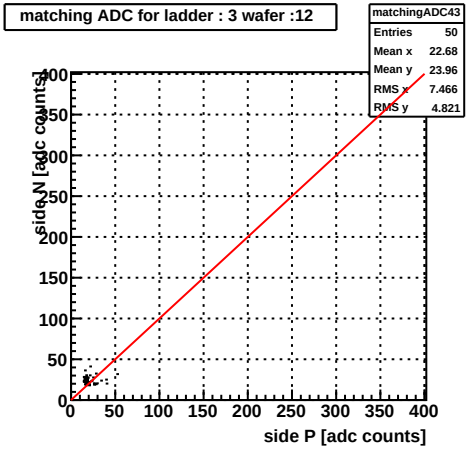

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 747
Mean x 38.99
Mean y 34.7
RMS x 22.89
RMS y 21.1
side N [adc counts]
side P [adc counts]

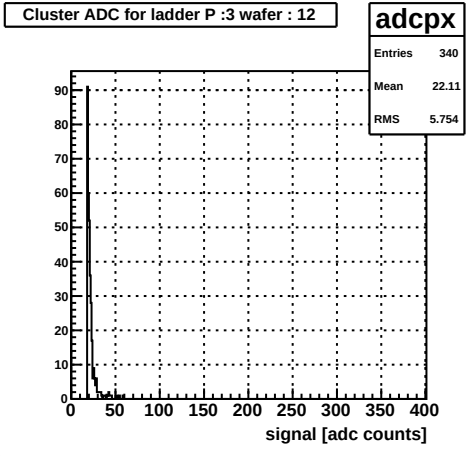

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 5073
Mean 27.85
RMS 15.01
signal [adc counts]

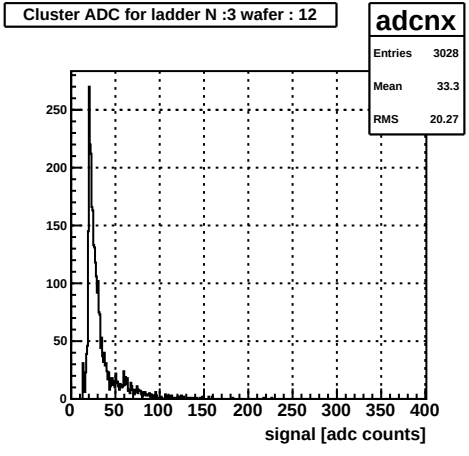

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4861
Mean 21.2
RMS 12.82
signal [adc counts]

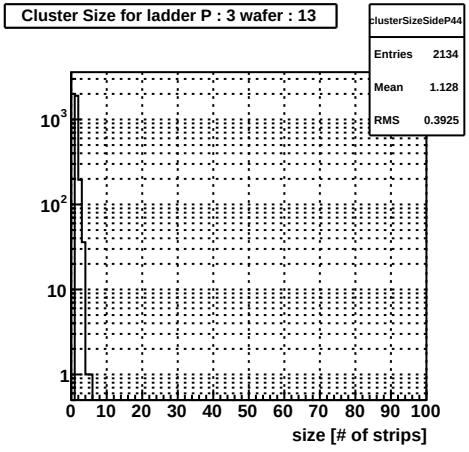

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 340
Mean 1.044
RMS 0.2192
size [# of strips]

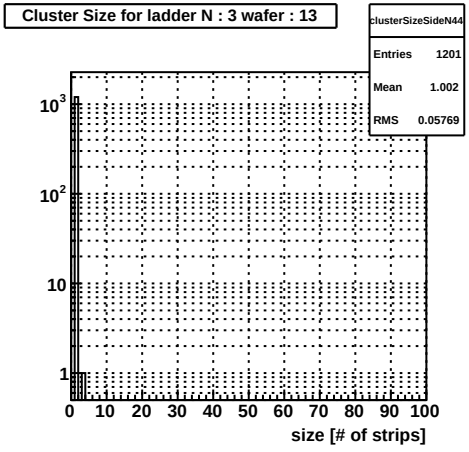

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3028
Mean 1.193
RMS 0.5093
size [# of strips]

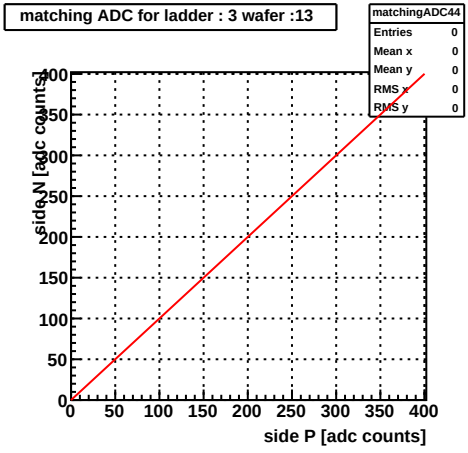

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 50
Mean x 22.68
Mean y 23.96
RMS x 7.466
RMS y 4.821
side N [adc counts]
side P [adc counts]

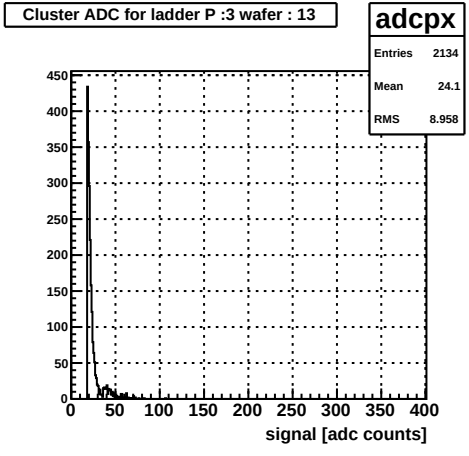

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 340
Mean 22.11
RMS 5.754
signal [adc counts]

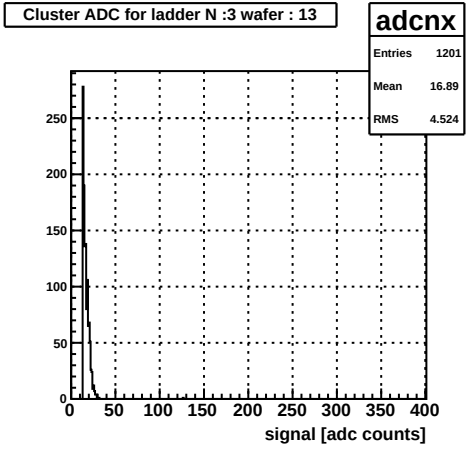

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3028
Mean 33.3
RMS 20.27
signal [adc counts]

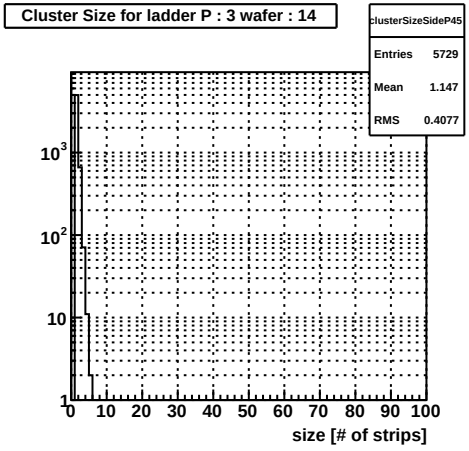

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 2134
Mean 1.128
RMS 0.3925
size [# of strips]

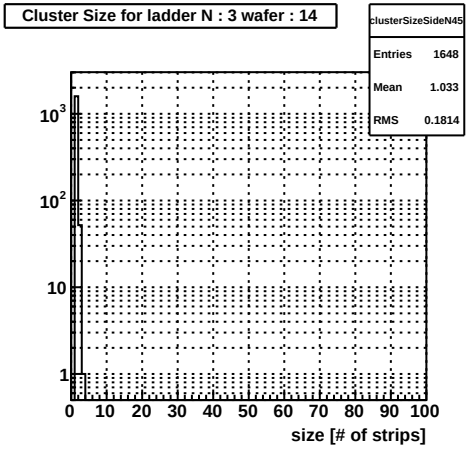

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1201
Mean 1.002
RMS 0.05769
size [# of strips]

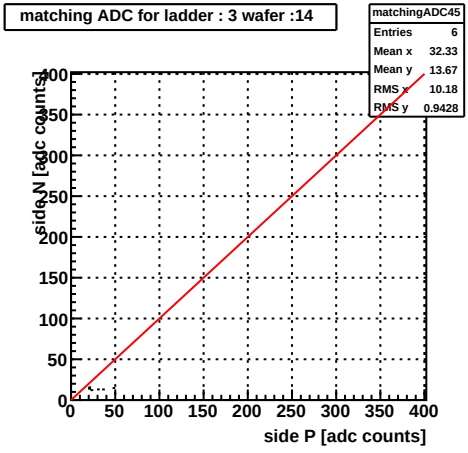

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

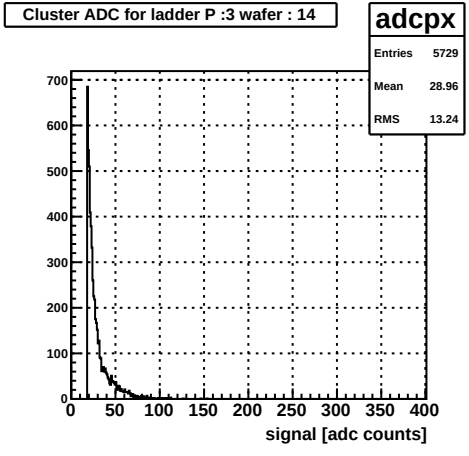

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 2134
Mean 24.1
RMS 8.958
signal [adc counts]

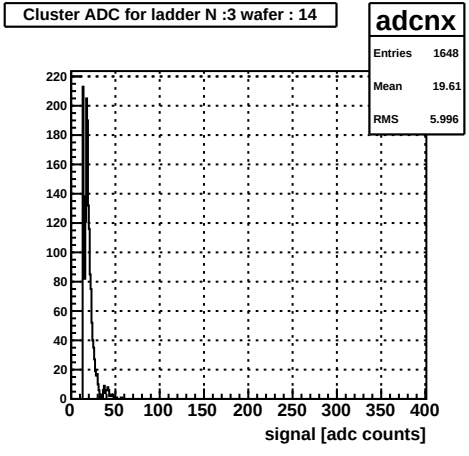

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1201
Mean 16.89
RMS 4.524
signal [adc counts]

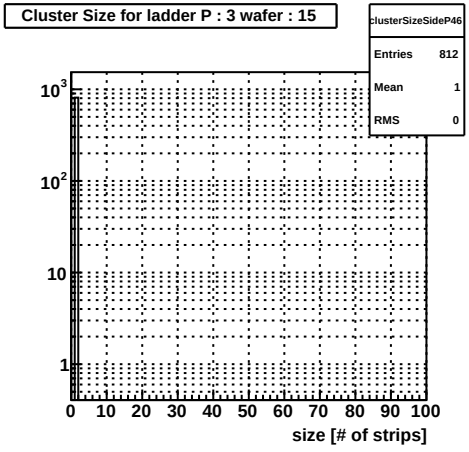

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 5729
Mean 1.147
RMS 0.4077
size [# of strips]

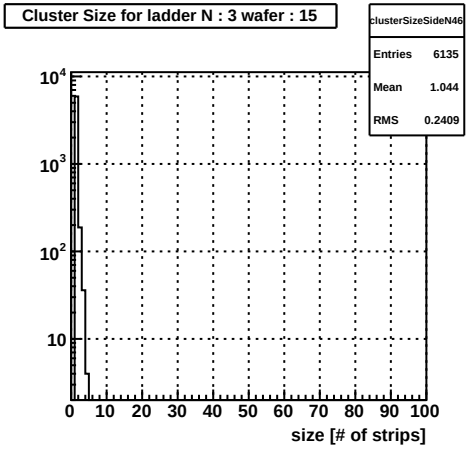

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1648
Mean 1.033
RMS 0.1814
size [# of strips]

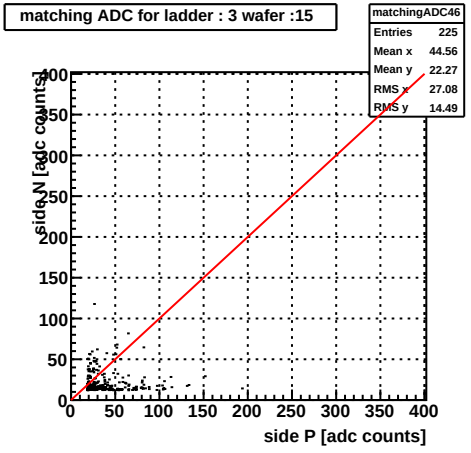

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 6
Mean x 32.33
Mean y 13.67
RMS x 10.18
RMS y 0.9428
side N [adc counts]
side P [adc counts]

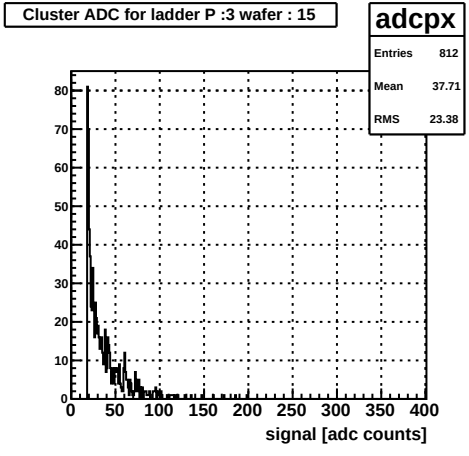

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 5729
Mean 28.96
RMS 13.24
signal [adc counts]

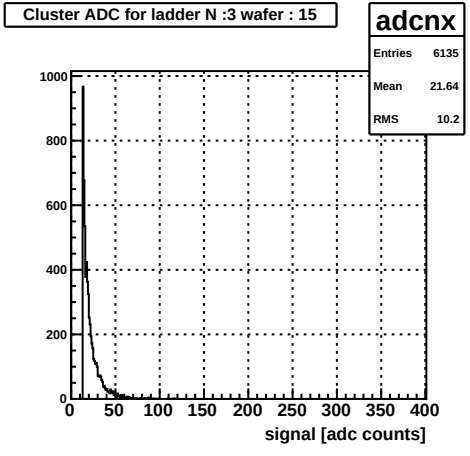

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1648
Mean 19.61
RMS 5.996
signal [adc counts]

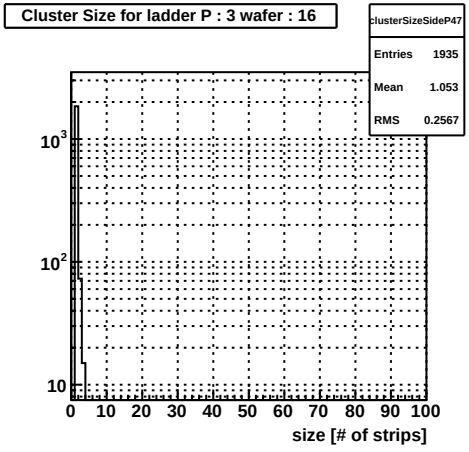

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 812
Mean 1
RMS 0
size [# of strips]

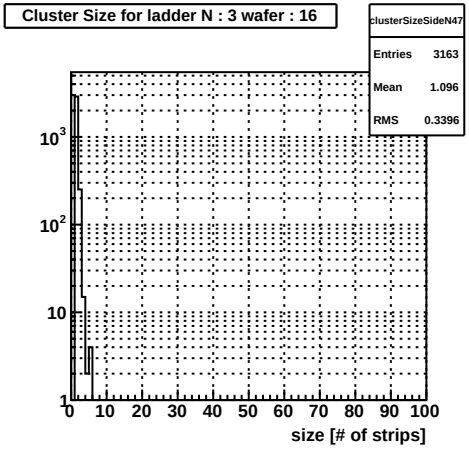

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 6135
Mean 1.044
RMS 0.2409
size [# of strips]

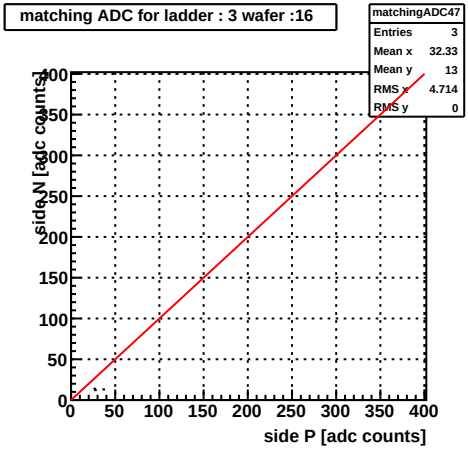

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 225
Mean x 44.56
Mean y 22.27
RMS x 27.08
RMS y 14.49
side N [adc counts]
side P [adc counts]

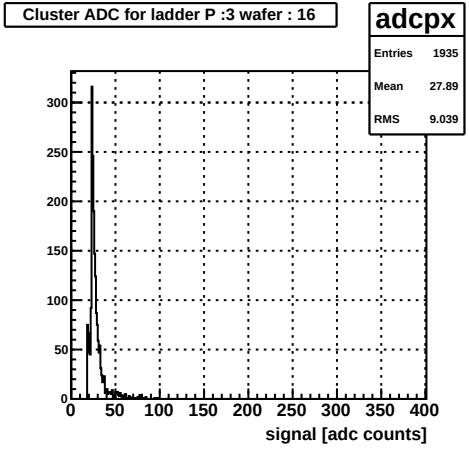

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 812
Mean 37.71
RMS 23.38
signal [adc counts]

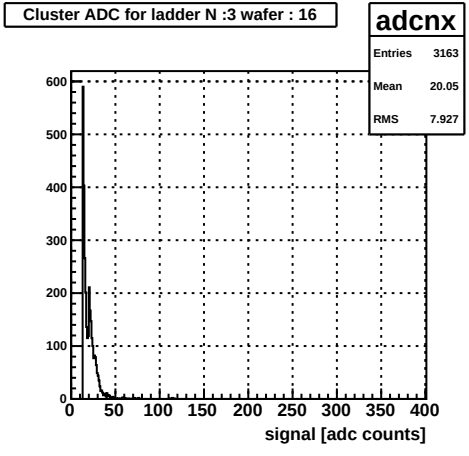

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 6135
Mean 21.64
RMS 10.2
signal [adc counts]

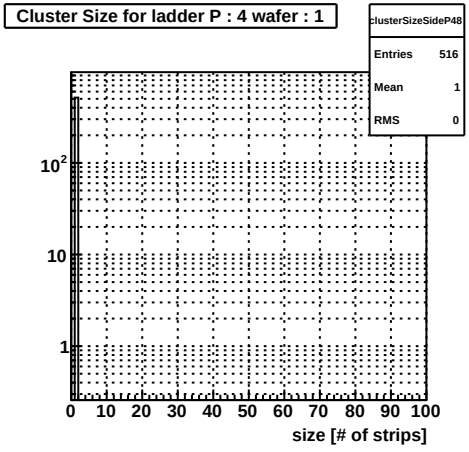

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1935
Mean 1.053
RMS 0.2567
size [# of strips]

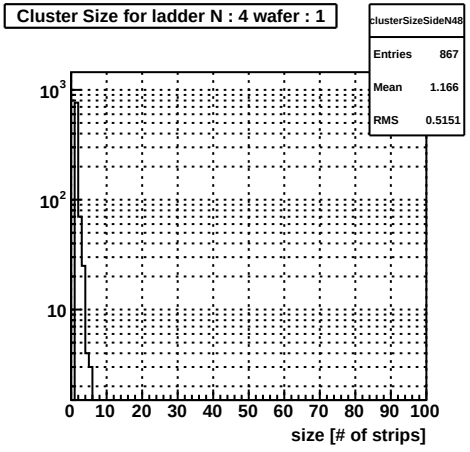

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3163
Mean 1.096
RMS 0.3396
size [# of strips]

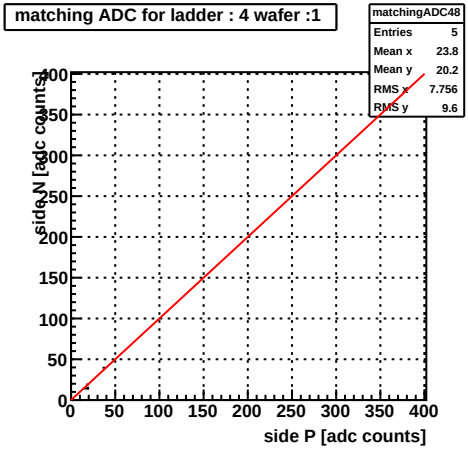

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 3
Mean x 32.33
Mean y 13
RMS x 4.714
RMS y 0
side N [adc counts]
side P [adc counts]

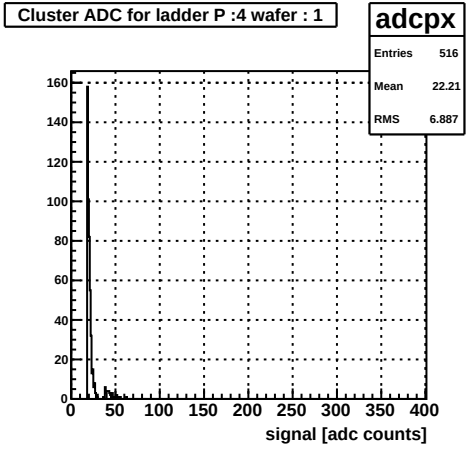

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1935
Mean 27.89
RMS 9.039
signal [adc counts]

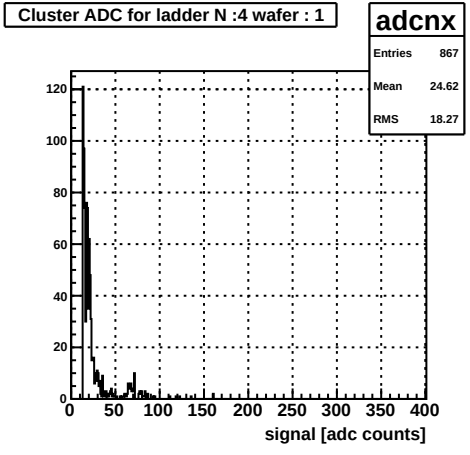

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3163
Mean 20.05
RMS 7.927
signal [adc counts]

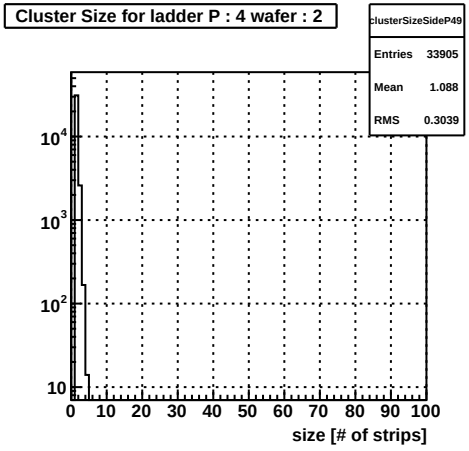

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 516
Mean 1
RMS 0
size [# of strips]

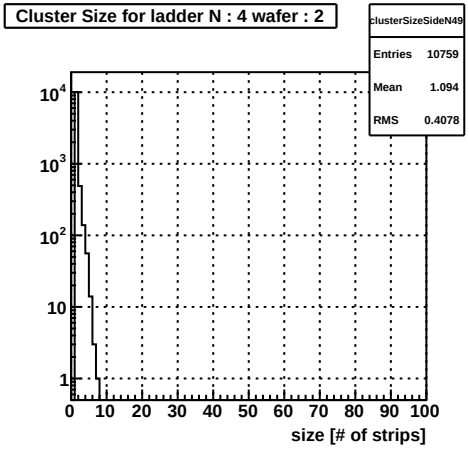

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 867
Mean 1.166
RMS 0.5151
size [# of strips]

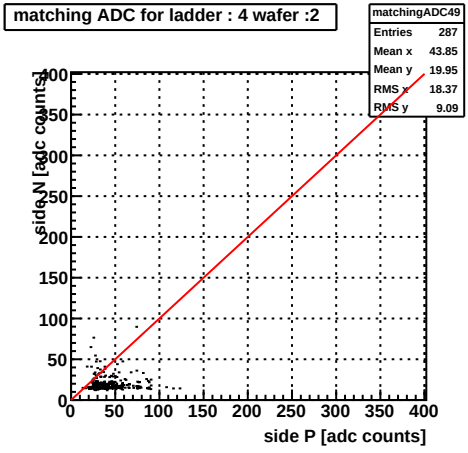

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 5
Mean x 23.8
Mean y 20.2
RMS x 7.756
RMS y 9.6
side N [adc counts]
side P [adc counts]

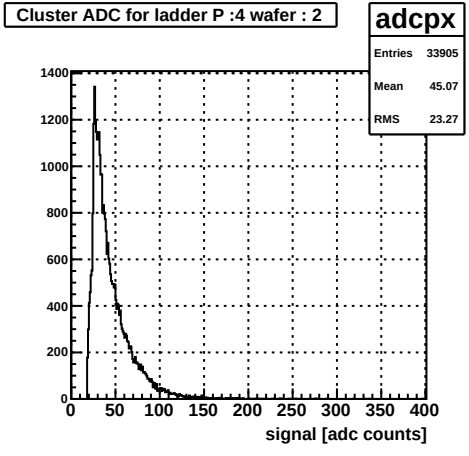

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 516
Mean 22.21
RMS 6.887
signal [adc counts]

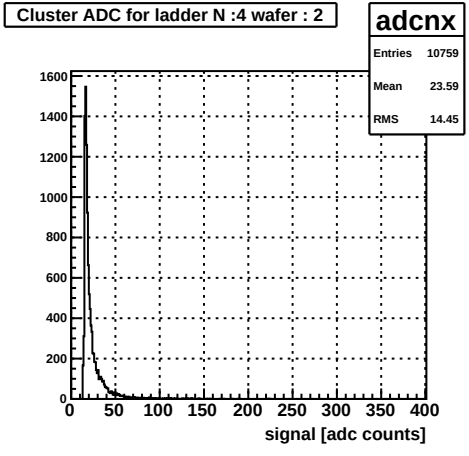

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 867
Mean 24.62
RMS 18.27
signal [adc counts]

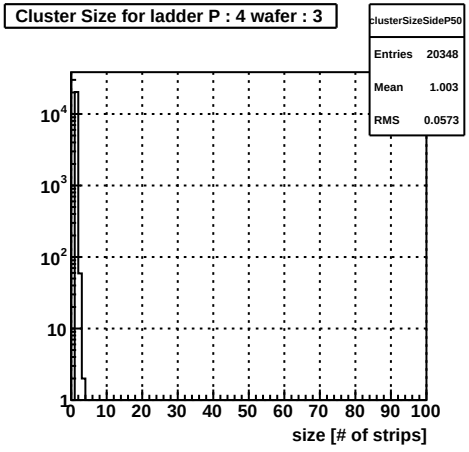

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 33905
Mean 1.088
RMS 0.3039
size [# of strips]

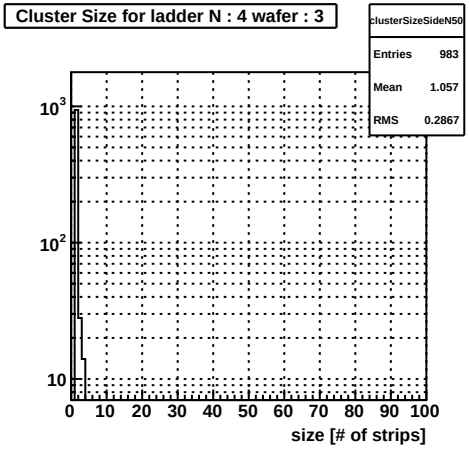

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10759
Mean 1.094
RMS 0.4078
size [# of strips]

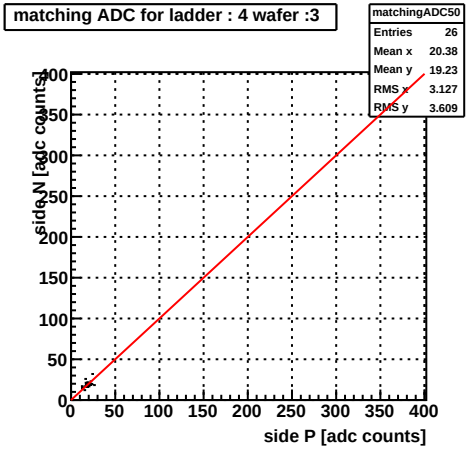

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 287
Mean x 43.85
Mean y 19.95
RMS x 18.37
RMS y 9.09
side N [adc counts]
side P [adc counts]

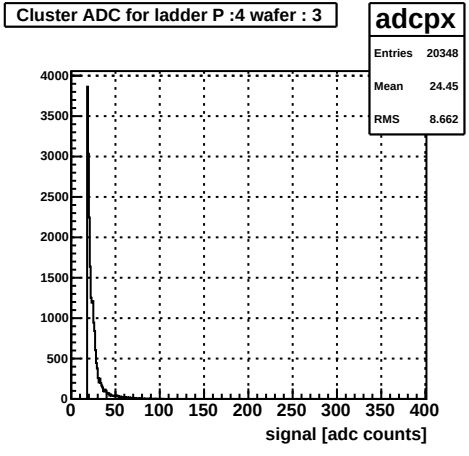

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 33905
Mean 45.07
RMS 23.27
signal [adc counts]

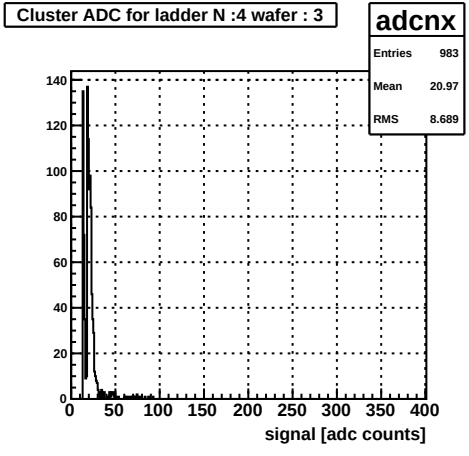

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10759
Mean 23.59
RMS 14.45
signal [adc counts]

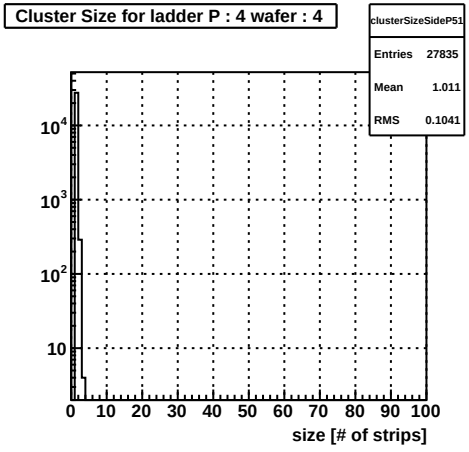

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 20348
Mean 1.003
RMS 0.0573
size [# of strips]

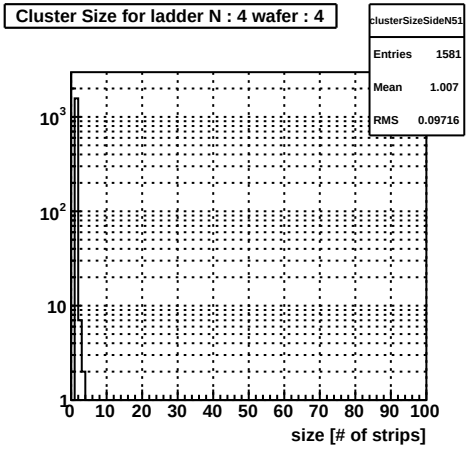

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 983
Mean 1.057
RMS 0.2867
size [# of strips]

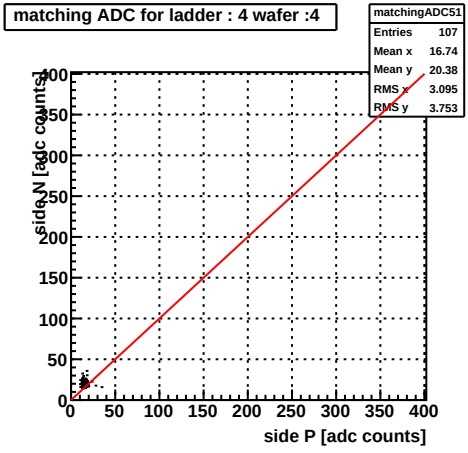

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 26
Mean x 20.38
Mean y 19.23
RMS x 3.127
RMS y 3.609
side N [adc counts]
side P [adc counts]

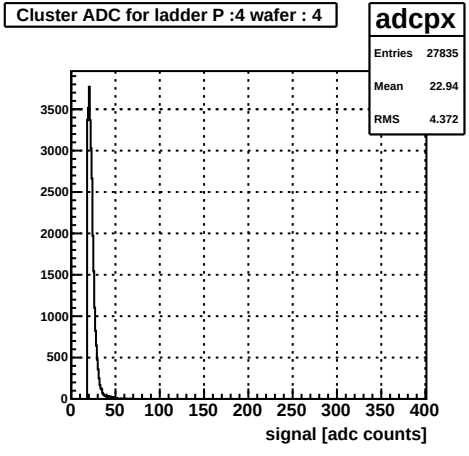

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 20348
Mean 24.45
RMS 8.662
signal [adc counts]

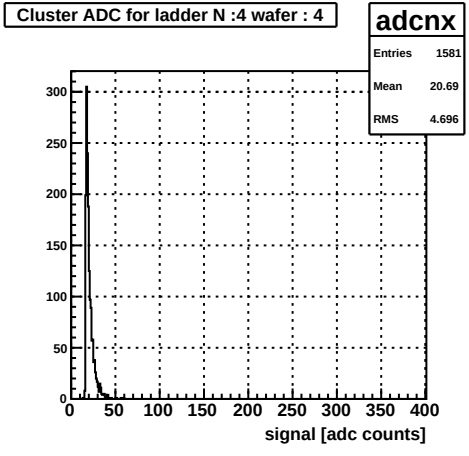

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 983
Mean 20.97
RMS 8.689
signal [adc counts]

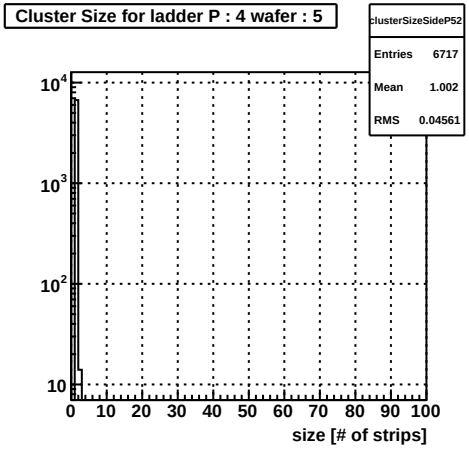

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 27835
Mean 1.011
RMS 0.1041
size [# of strips]

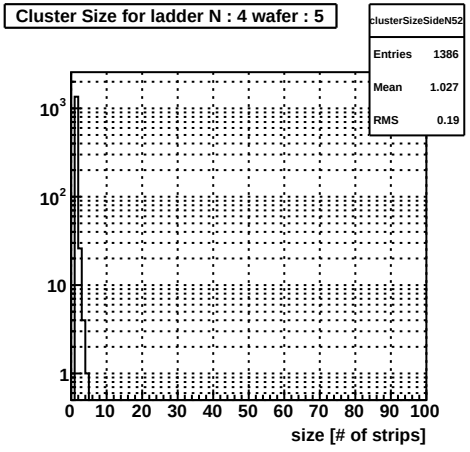

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1581
Mean 1.007
RMS 0.09716
size [# of strips]

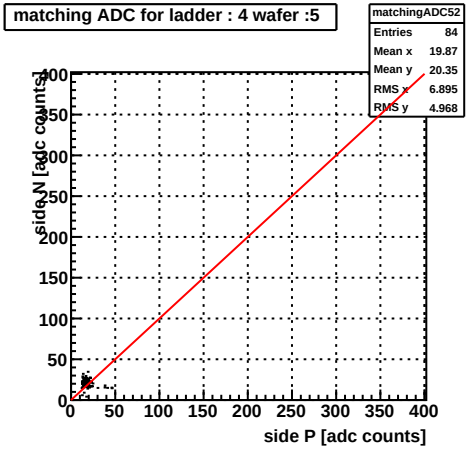

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 107
Mean x 16.74
Mean y 20.38
RMS x 3.095
RMS y 3.753
side N [adc counts]
side P [adc counts]

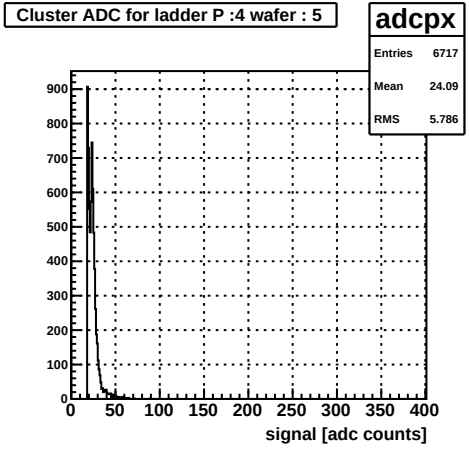

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 27835
Mean 22.94
RMS 4.372
signal [adc counts]

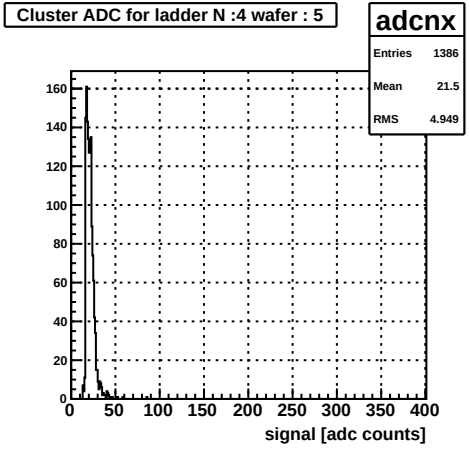

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1581
Mean 20.69
RMS 4.696
signal [adc counts]

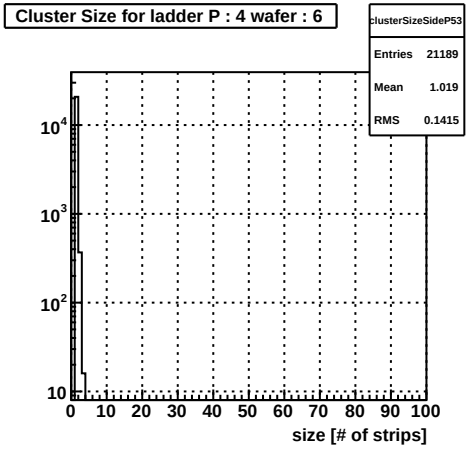

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6717
Mean 1.002
RMS 0.04561
size [# of strips]

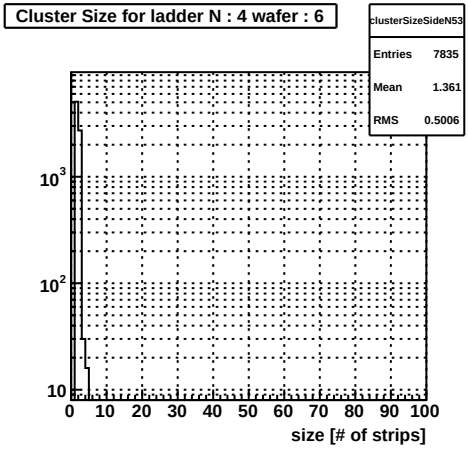

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 1386
Mean 1.027
RMS 0.19
size [# of strips]

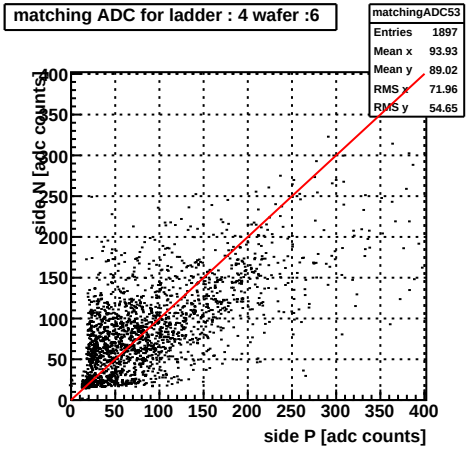

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 84
Mean x 19.87
Mean y 20.35
RMS x 6.895
RMS y 4.968
side N [adc counts]
side P [adc counts]

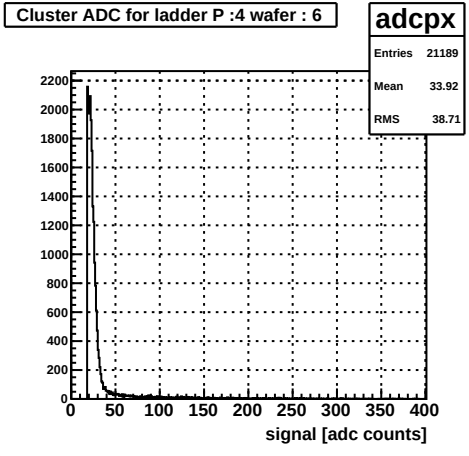

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6717
Mean 24.09
RMS 5.786
signal [adc counts]

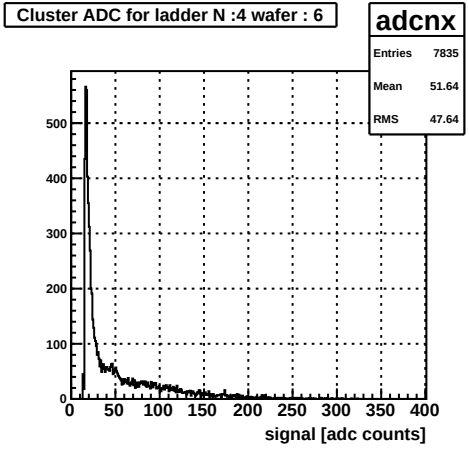

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 1386
Mean 21.5
RMS 4.949
signal [adc counts]

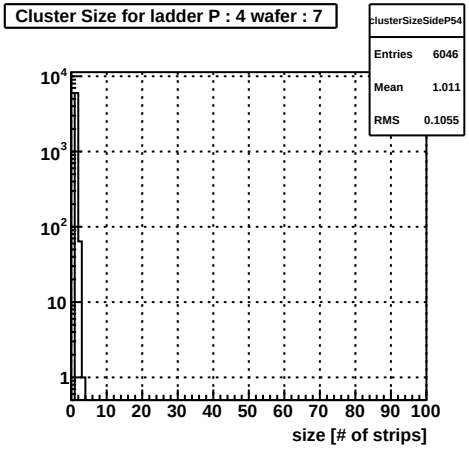

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 21189
Mean 1.019
RMS 0.1415
size [# of strips]

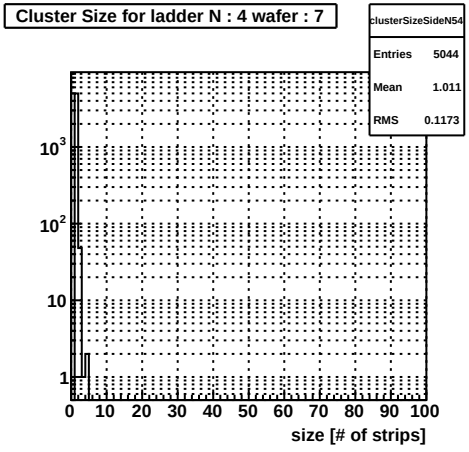

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7835
Mean 1.361
RMS 0.5006
size [# of strips]

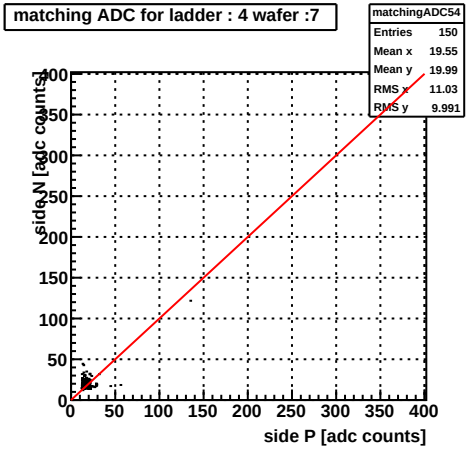

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1897
Mean x 93.93
Mean y 89.02
RMS x 71.96
RMS y 54.65
side N [adc counts]
side P [adc counts]

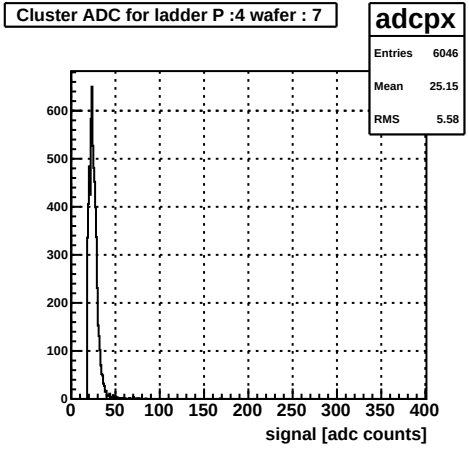

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 21189
Mean 33.92
RMS 38.71
signal [adc counts]

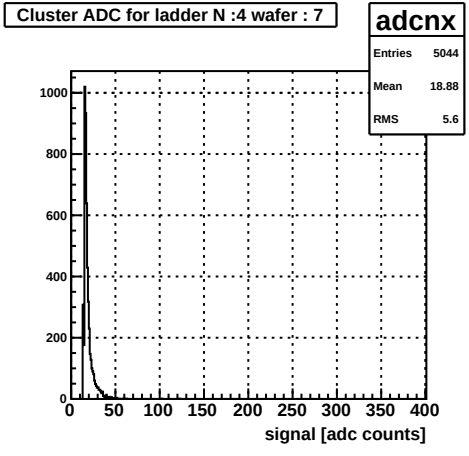

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7835
Mean 51.64
RMS 47.64
signal [adc counts]

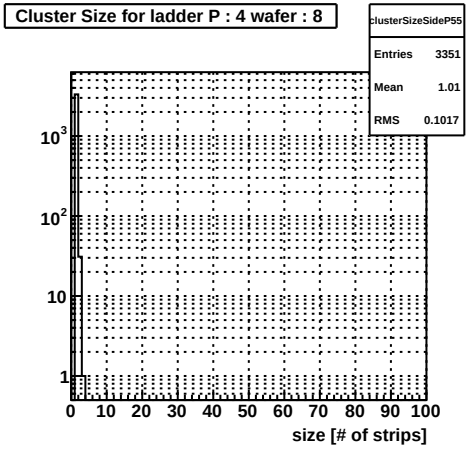

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6046
Mean 1.011
RMS 0.1055
size [# of strips]

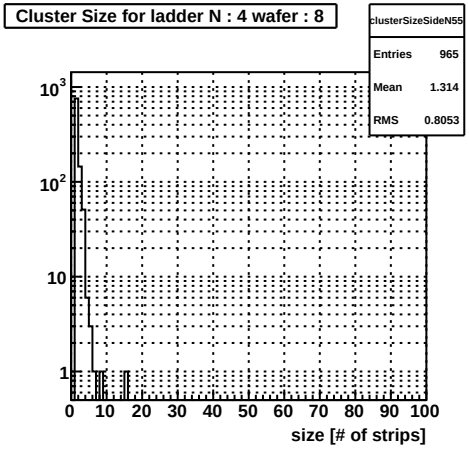

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 5044
Mean 1.011
RMS 0.1173
size [# of strips]

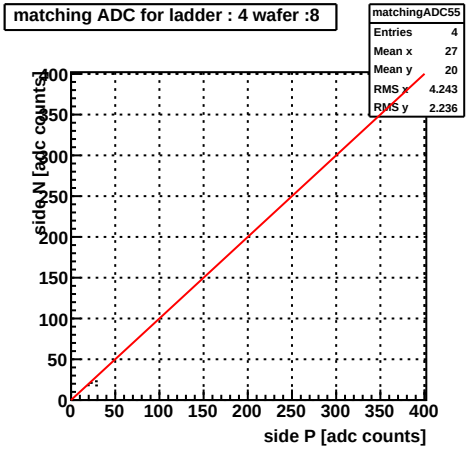

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 150
Mean x 19.55
Mean y 19.99
RMS x 11.03
RMS y 9.991
side N [adc counts]
side P [adc counts]

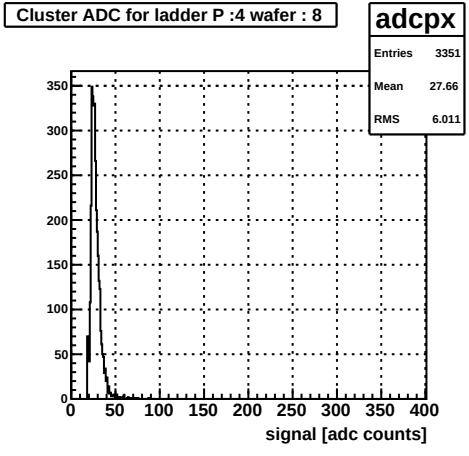

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6046
Mean 25.15
RMS 5.58
signal [adc counts]

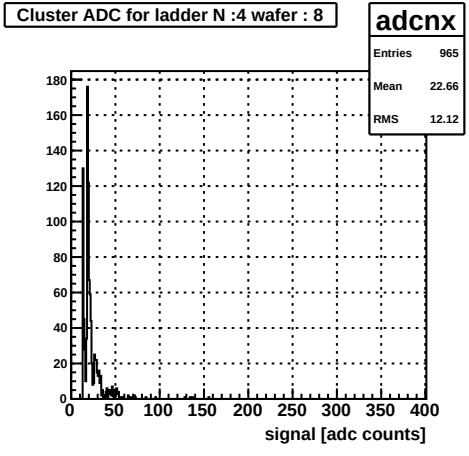

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 5044
Mean 18.88
RMS 5.6
signal [adc counts]

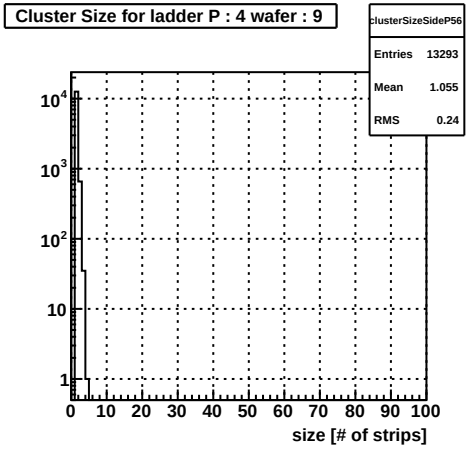

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3351
Mean 1.01
RMS 0.1017
size [# of strips]

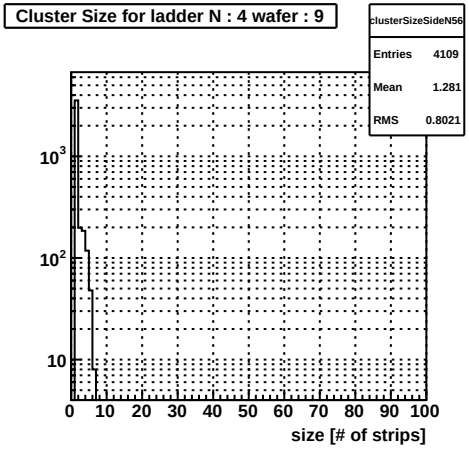

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 965
Mean 1.314
RMS 0.8053
size [# of strips]

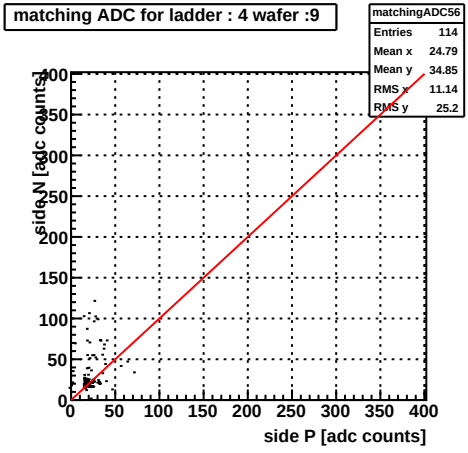

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 4
Mean x 27
Mean y 20
RMS x 4.243
RMS y 2.236
side N [adc counts]
side P [adc counts]

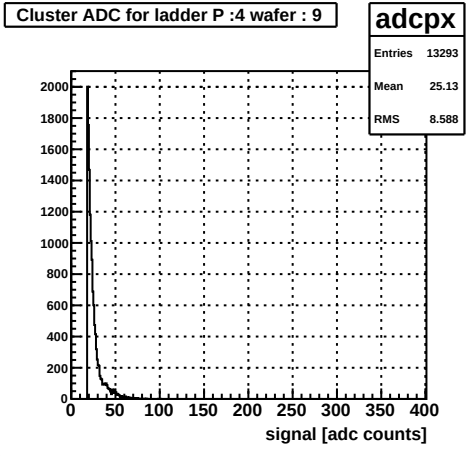

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3351
Mean 27.66
RMS 6.011
signal [adc counts]

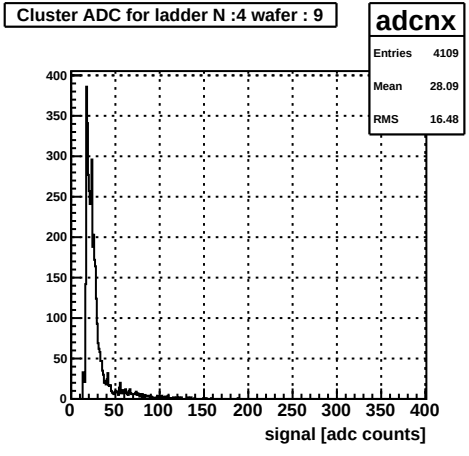

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 965
Mean 22.66
RMS 12.12
signal [adc counts]

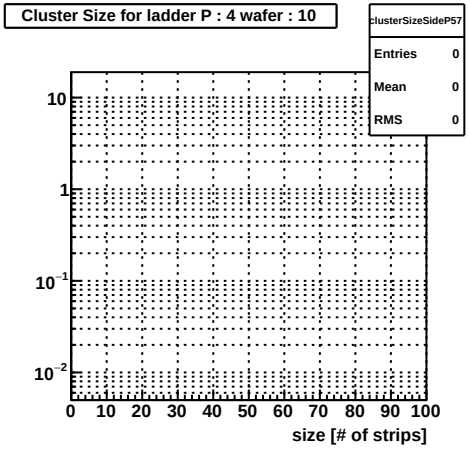

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 13293
Mean 1.055
RMS 0.24
size [# of strips]

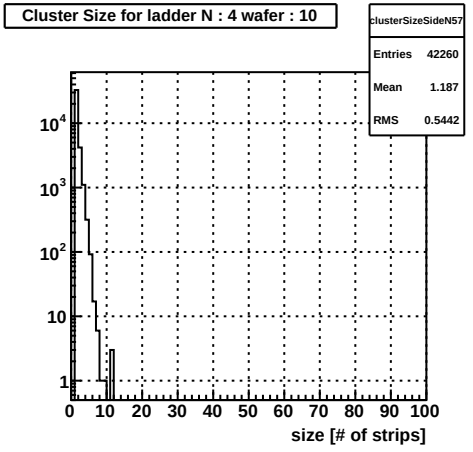

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4109
Mean 1.281
RMS 0.8021
size [# of strips]

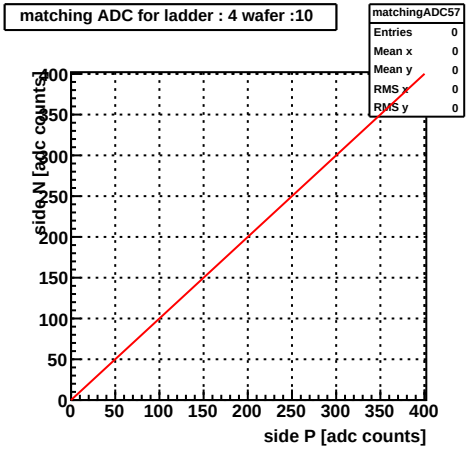

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 114
Mean x 24.79
Mean y 34.85
RMS x 11.14
RMS y 25.2
side N [adc counts]
side P [adc counts]

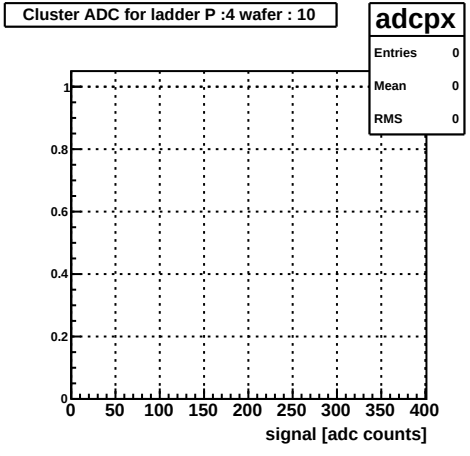

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 13293
Mean 25.13
RMS 8.588
signal [adc counts]

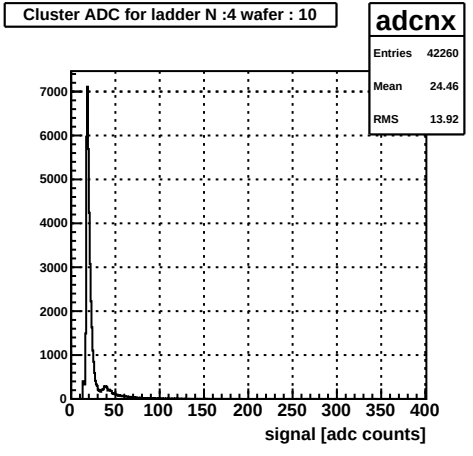

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4109
Mean 28.09
RMS 16.48
signal [adc counts]

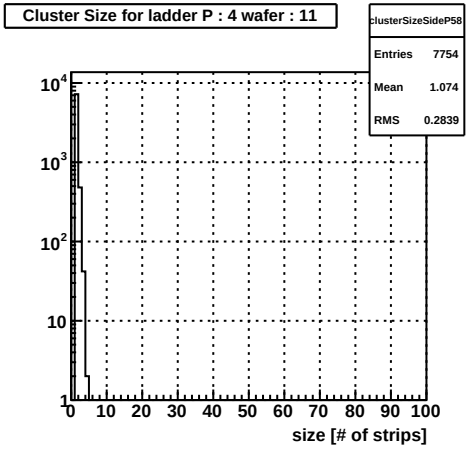

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

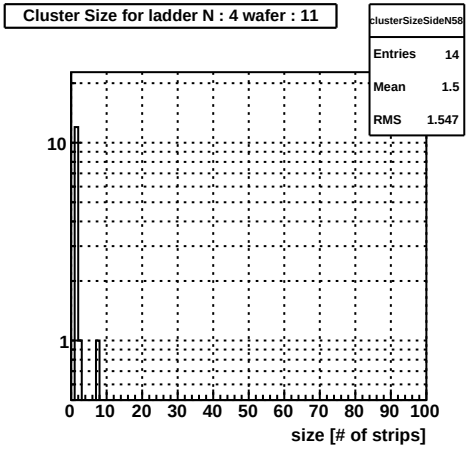

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 42260
Mean 1.187
RMS 0.5442
size [# of strips]

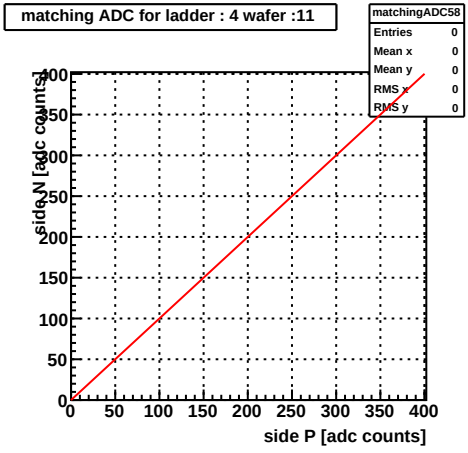

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

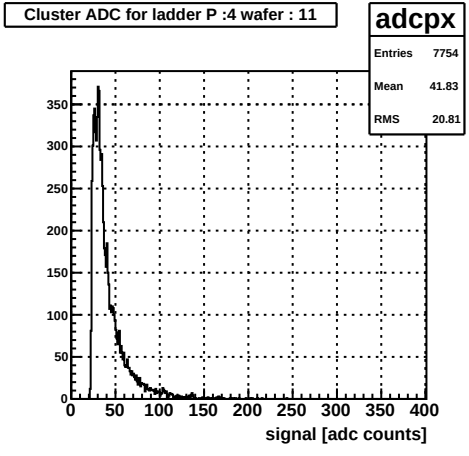

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

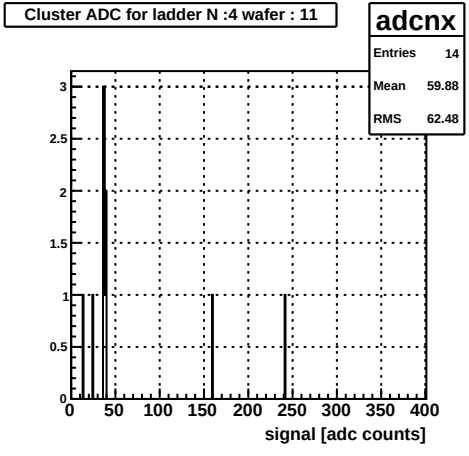

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 42260
Mean 24.46
RMS 13.92
signal [adc counts]

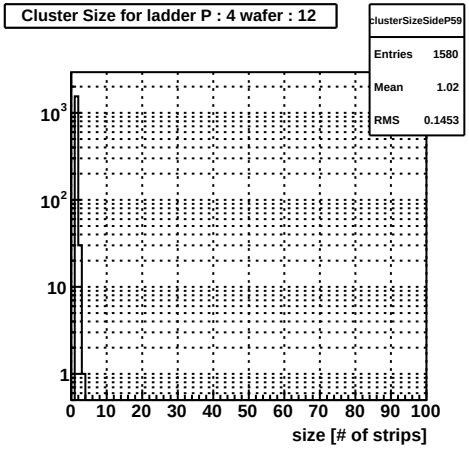

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 7754
Mean 1.074
RMS 0.2839
size [# of strips]

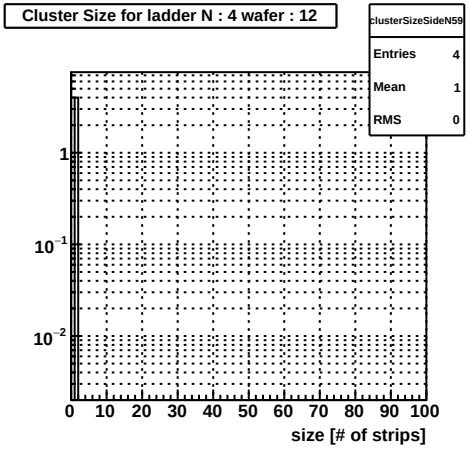

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 14
Mean 1.5
RMS 1.547
size [# of strips]

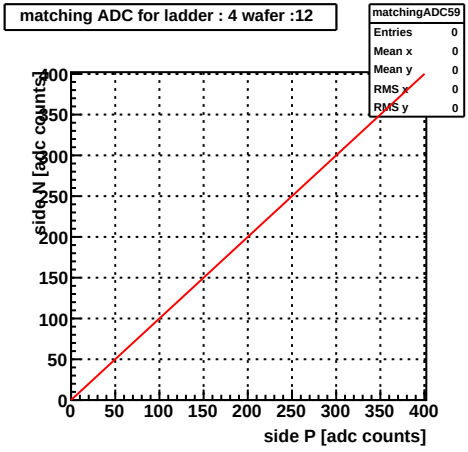

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

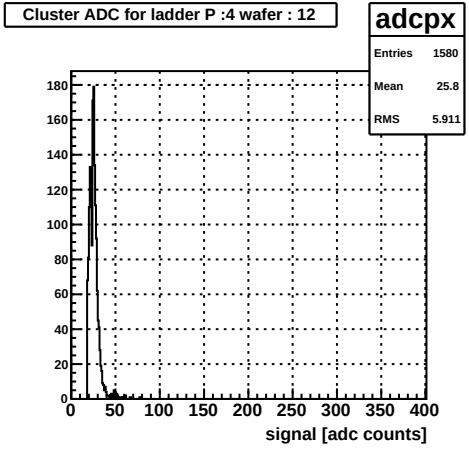

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 7754
Mean 41.83
RMS 20.81
signal [adc counts]

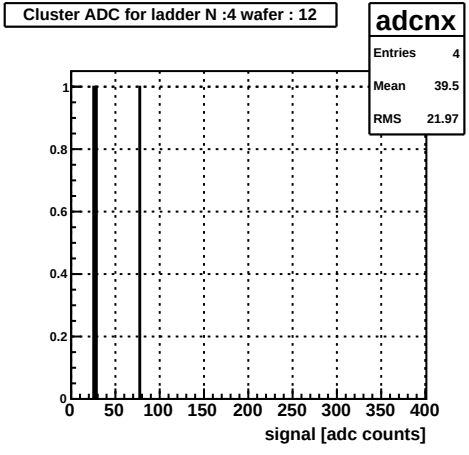

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 14
Mean 59.88
RMS 62.48
signal [adc counts]

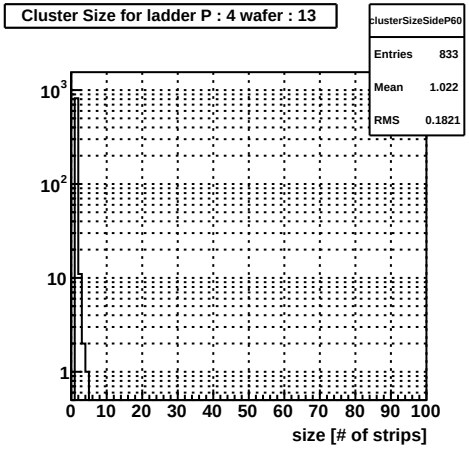

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1580
Mean 1.02
RMS 0.1453
size [# of strips]

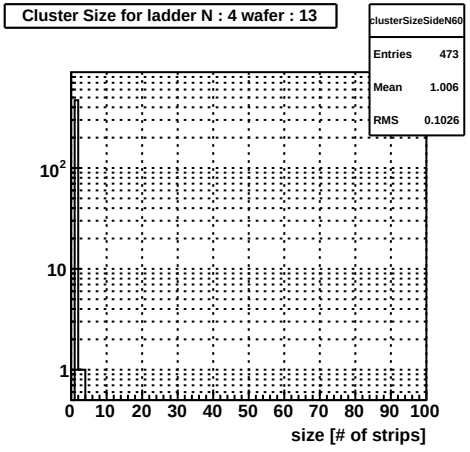

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 4
Mean 1
RMS 0
size [# of strips]

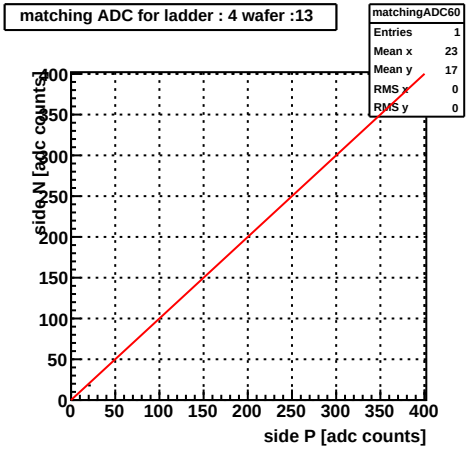

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

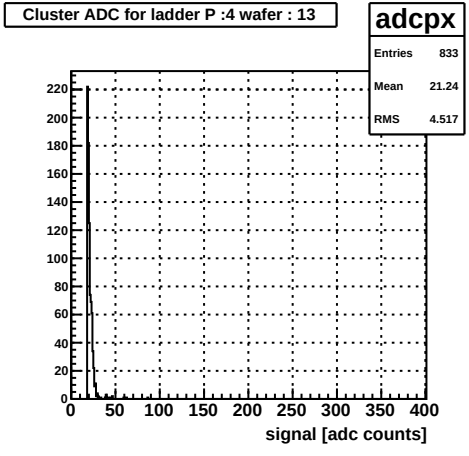

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1580
Mean 25.8
RMS 5.911
signal [adc counts]

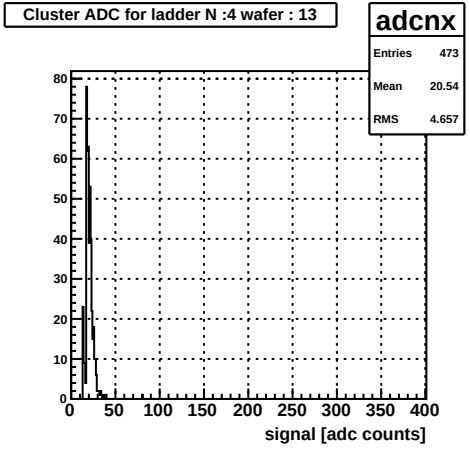

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 4
Mean 39.5
RMS 21.97
signal [adc counts]

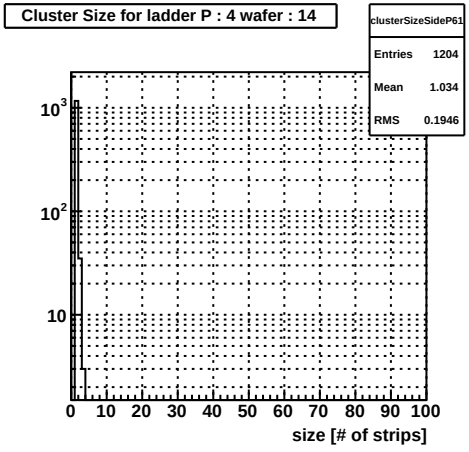

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 833
Mean 1.022
RMS 0.1821
size [# of strips]

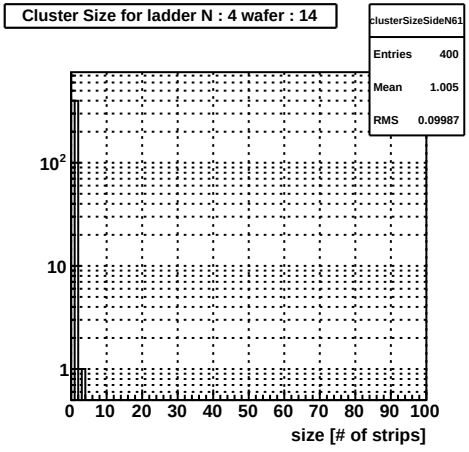

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 473
Mean 1.006
RMS 0.1026
size [# of strips]

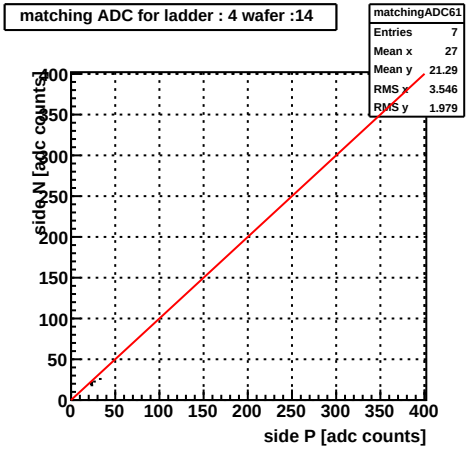

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

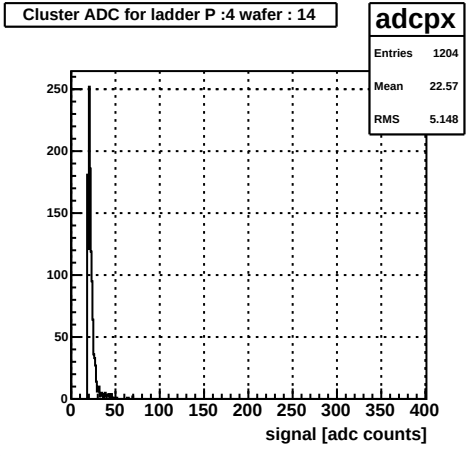

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 833
Mean 21.24
RMS 4.517
signal [adc counts]

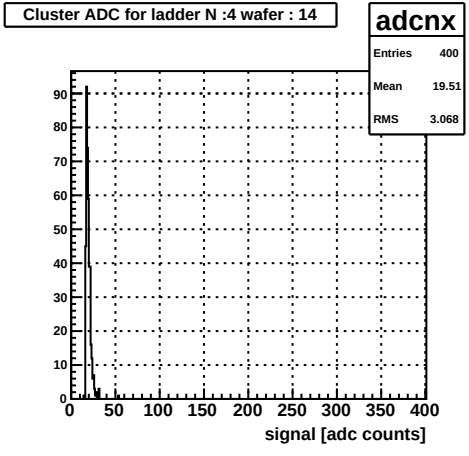

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 473
Mean 20.54
RMS 4.657
signal [adc counts]

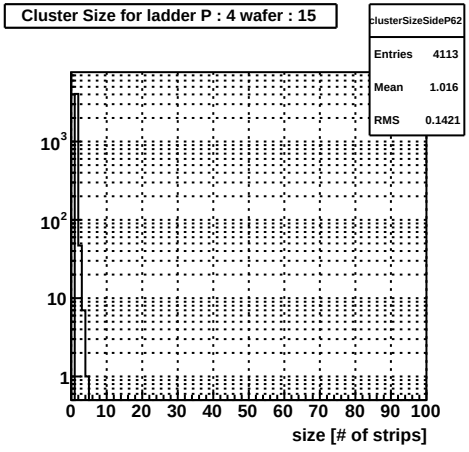

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 1204
Mean 1.034
RMS 0.1946
size [# of strips]

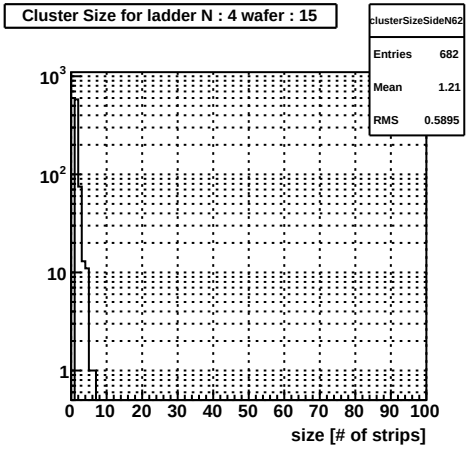

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 400
Mean 1.005
RMS 0.09987
size [# of strips]

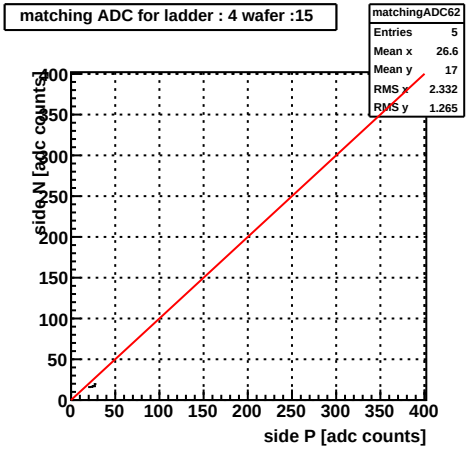

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 7
Mean x 27
Mean y 21.29
RMS x 3.546
RMS y 1.979
side N [adc counts]
side P [adc counts]

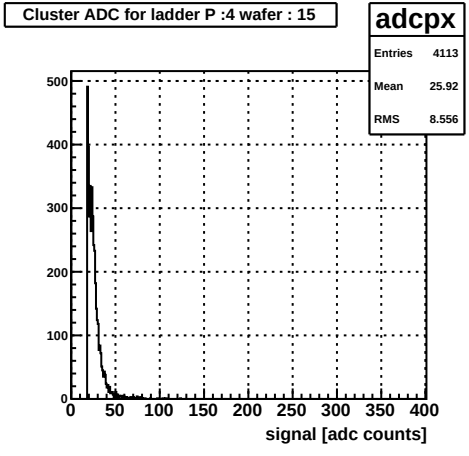

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 1204
Mean 22.57
RMS 5.148
signal [adc counts]

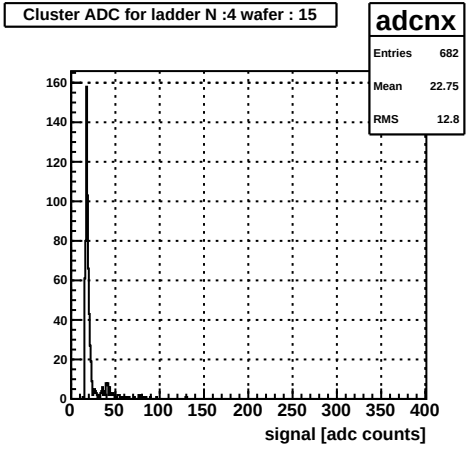

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 400
Mean 19.51
RMS 3.068
signal [adc counts]

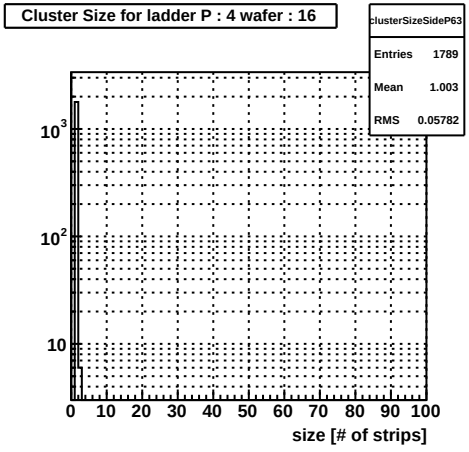

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4113
Mean 1.016
RMS 0.1421
size [# of strips]

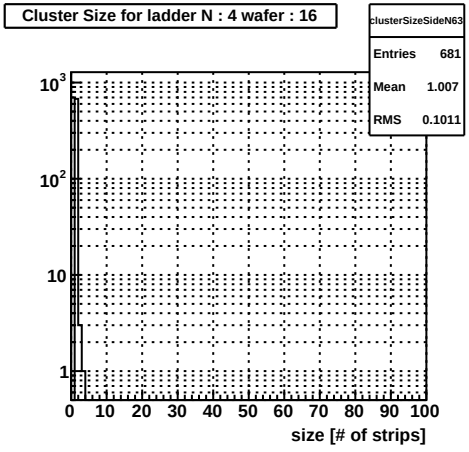

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 682
Mean 1.21
RMS 0.5895
size [# of strips]

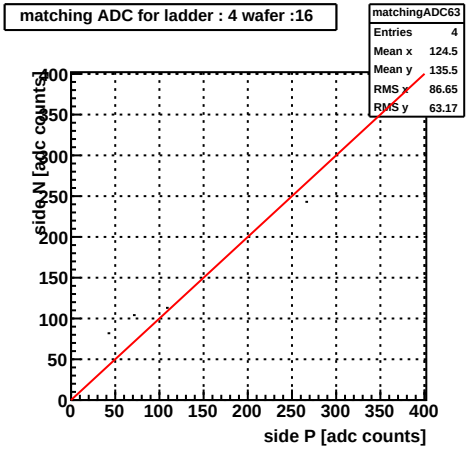

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 5
Mean x 26.6
Mean y 17
RMS x 2.332
RMS y 1.265
side N [adc counts]
side P [adc counts]

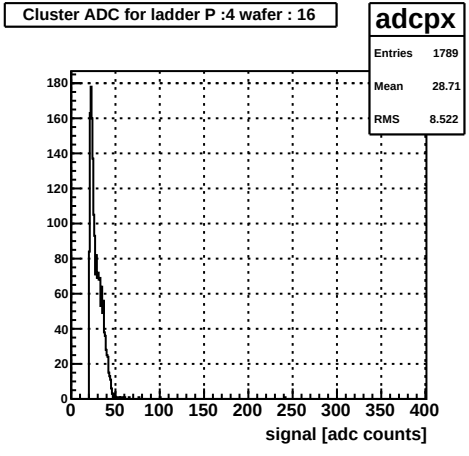

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4113
Mean 25.92
RMS 8.556
signal [adc counts]

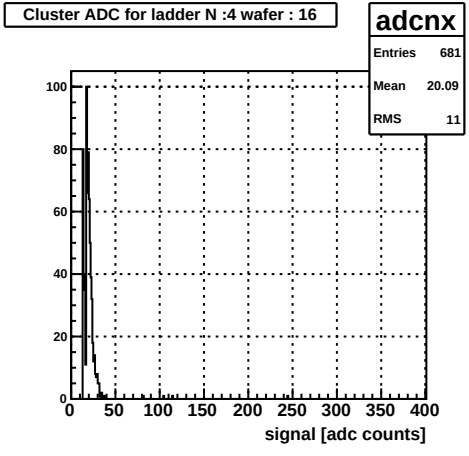

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 682
Mean 22.75
RMS 12.8
signal [adc counts]

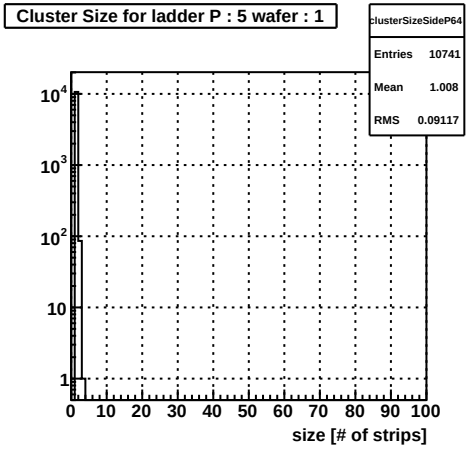

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1789
Mean 1.003
RMS 0.05782
size [# of strips]

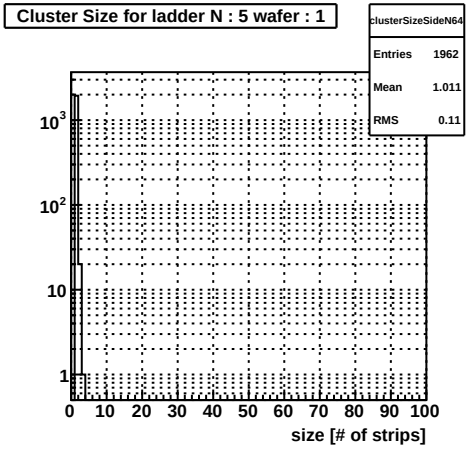

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 681
Mean 1.007
RMS 0.1011
size [# of strips]

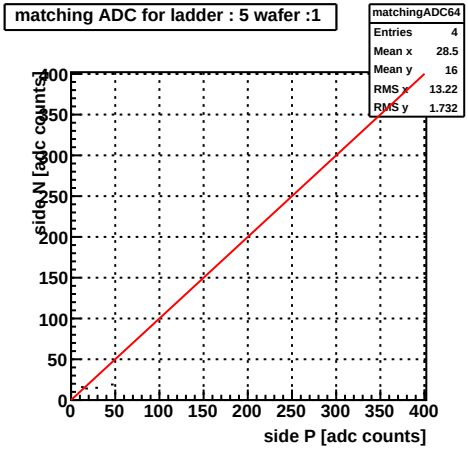

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 4
Mean x 124.5
Mean y 135.5
RMS x 86.65
RMS y 63.17
side N [adc counts]
side P [adc counts]

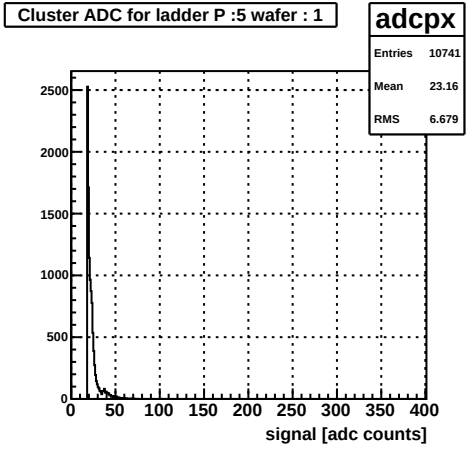

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1789
Mean 28.71
RMS 8.522
signal [adc counts]

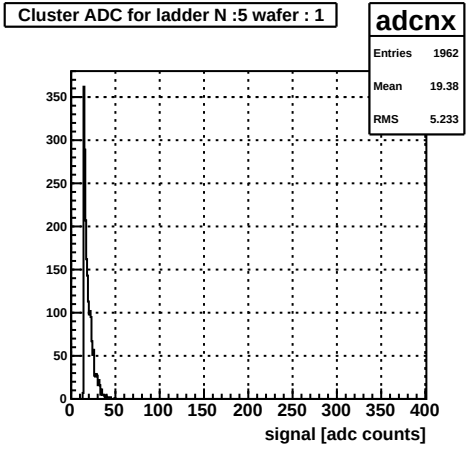

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 681
Mean 20.09
RMS 11
signal [adc counts]

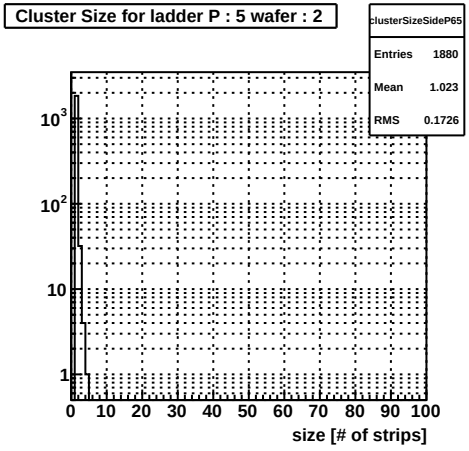

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 10741
Mean 1.008
RMS 0.09117
size [# of strips]

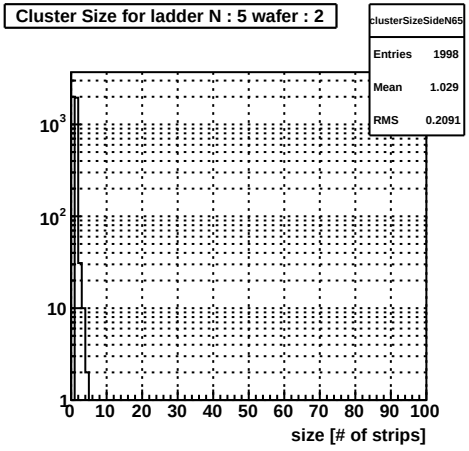

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1962
Mean 1.011
RMS 0.11
size [# of strips]

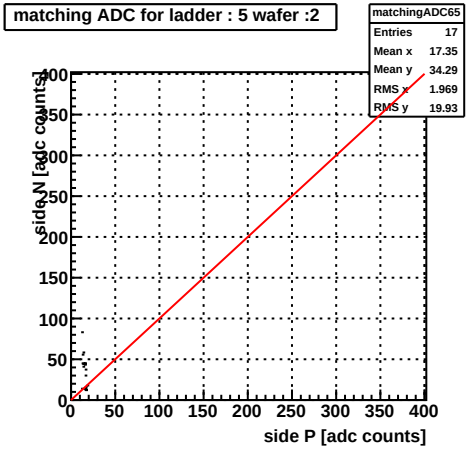

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4
Mean x 28.5
Mean y 16
RMS x 13.22
RMS y 1.732
side N [adc counts]
side P [adc counts]

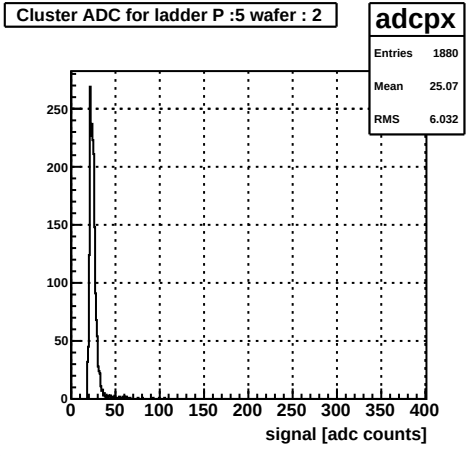

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 10741
Mean 23.16
RMS 6.679
signal [adc counts]

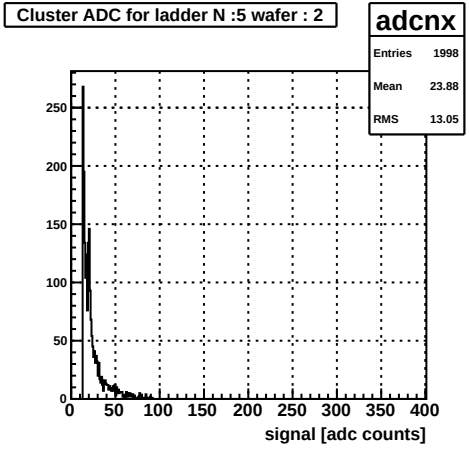

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1962
Mean 19.38
RMS 5.233
signal [adc counts]

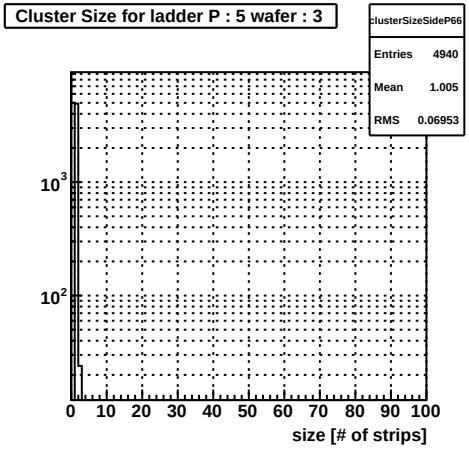

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1880
Mean 1.023
RMS 0.1726
size [# of strips]

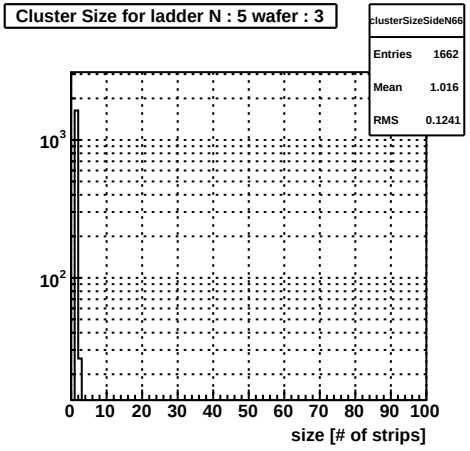

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1998
Mean 1.029
RMS 0.2091
size [# of strips]

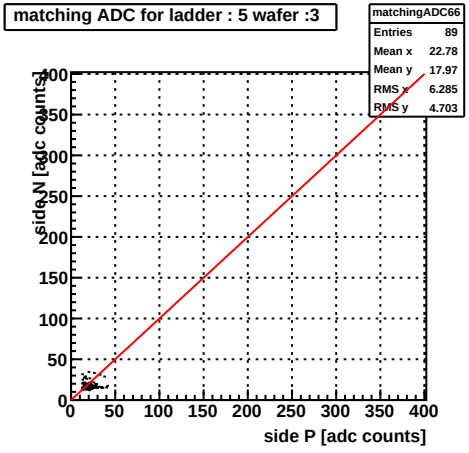

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 17
Mean x 17.35
Mean y 34.29
RMS x 1.969
RMS y 19.93
side N [adc counts]
side P [adc counts]

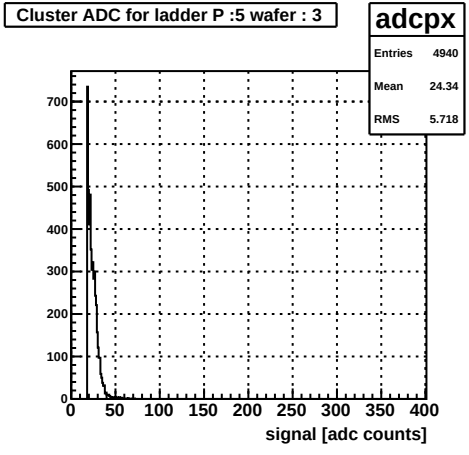

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1880
Mean 25.07
RMS 6.032
signal [adc counts]

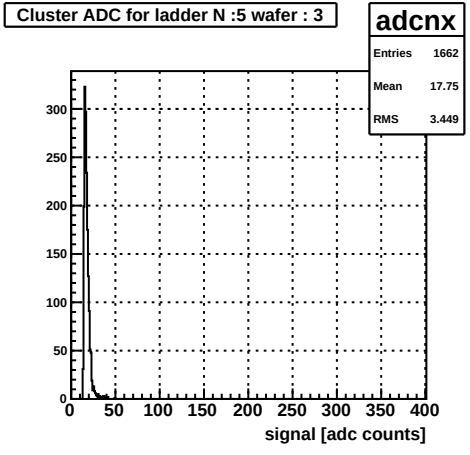

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1998
Mean 23.88
RMS 13.05
signal [adc counts]

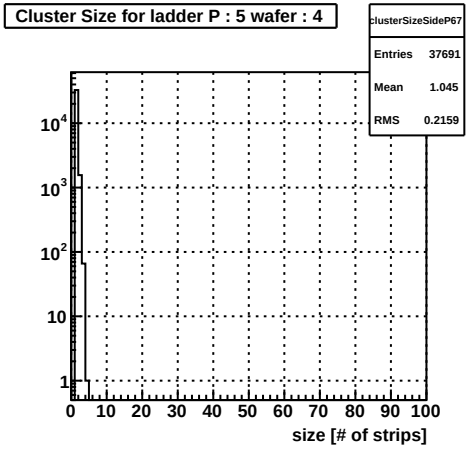

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 4940
Mean 1.005
RMS 0.06953
size [# of strips]

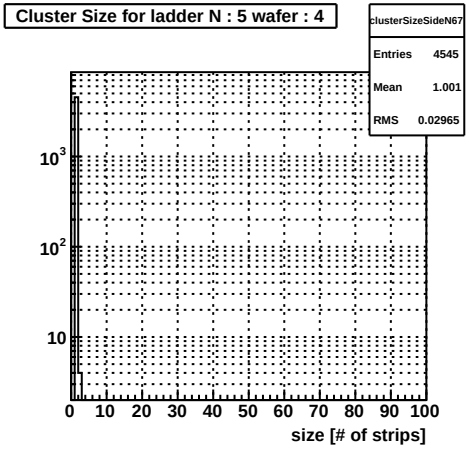

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1662
Mean 1.016
RMS 0.1241
size [# of strips]

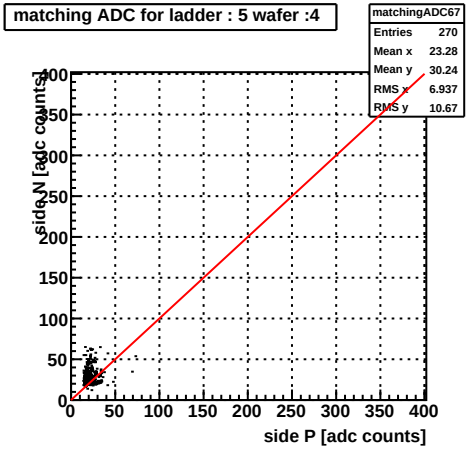

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 89
Mean x 22.78
Mean y 17.97
RMS x 6.285
RMS y 4.703
side N [adc counts]
side P [adc counts]

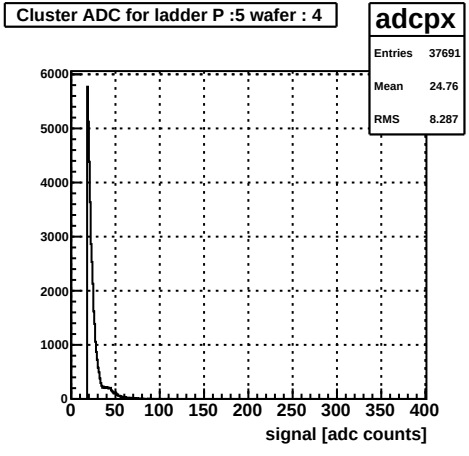

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 4940
Mean 24.34
RMS 5.718
signal [adc counts]

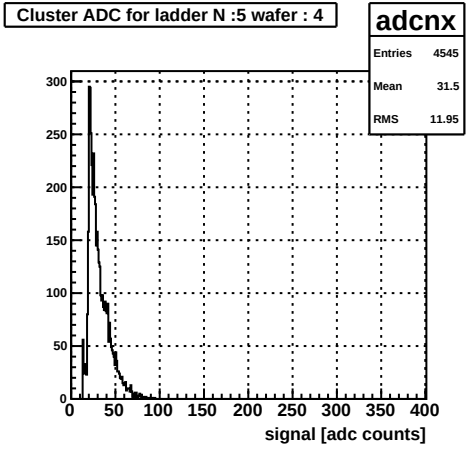

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1662
Mean 17.75
RMS 3.449
signal [adc counts]

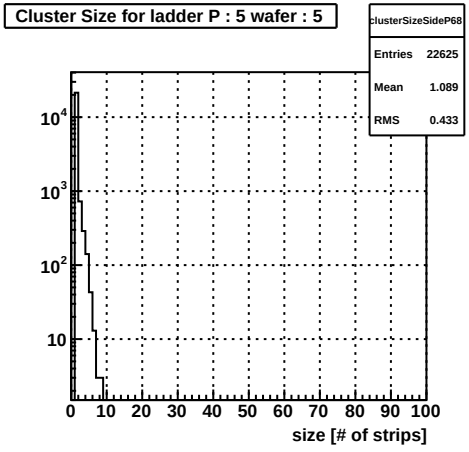

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 37691
Mean 1.045
RMS 0.2159
size [# of strips]

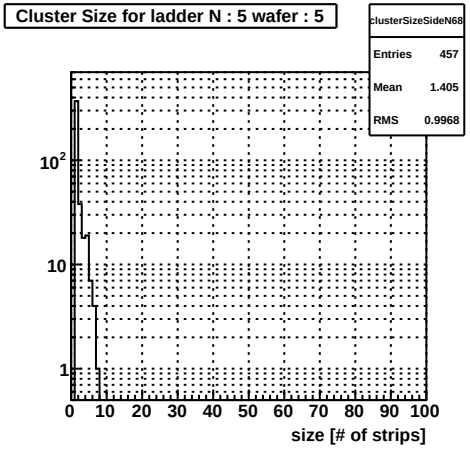

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4545
Mean 1.001
RMS 0.02965
size [# of strips]

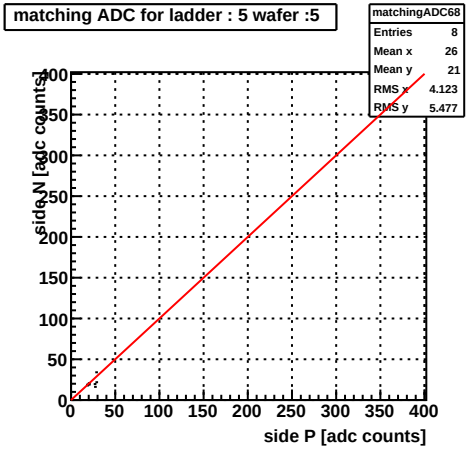

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 270
Mean x 23.28
Mean y 30.24
RMS x 6.937
RMS y 10.67
side N [adc counts]
side P [adc counts]

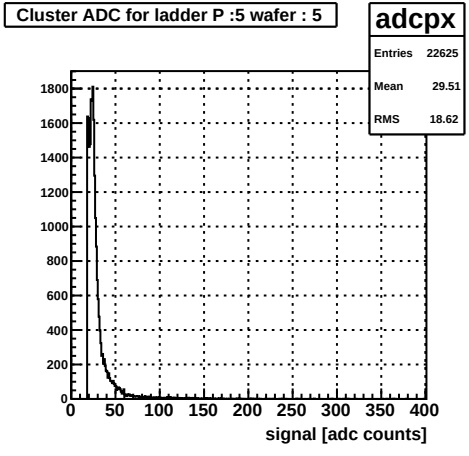

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 37691
Mean 24.76
RMS 8.287
signal [adc counts]

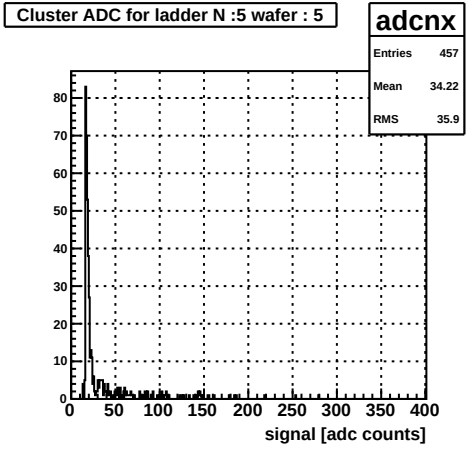

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4545
Mean 31.5
RMS 11.95
signal [adc counts]

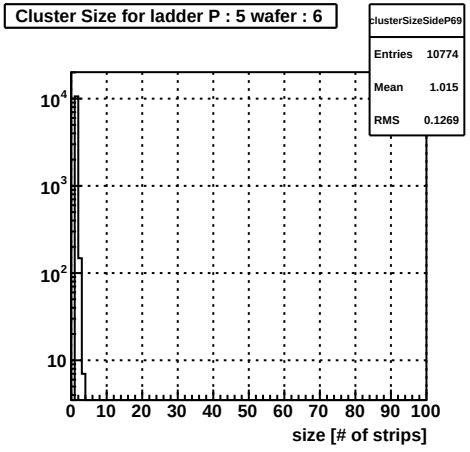

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 22625
Mean 1.089
RMS 0.433
size [# of strips]

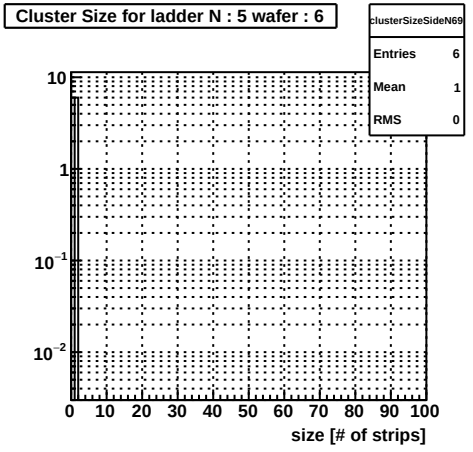

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 457
Mean 1.405
RMS 0.9968
size [# of strips]

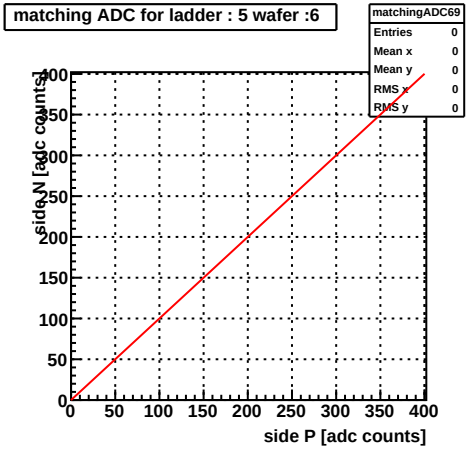

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 8
Mean x 26
Mean y 21
RMS x 4.123
RMS y 5.477
side N [adc counts]
side P [adc counts]

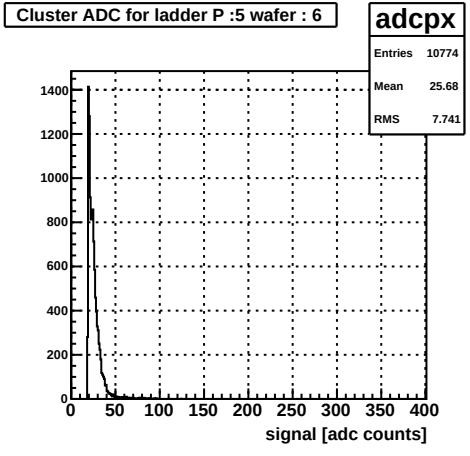

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 22625
Mean 29.51
RMS 18.62
signal [adc counts]

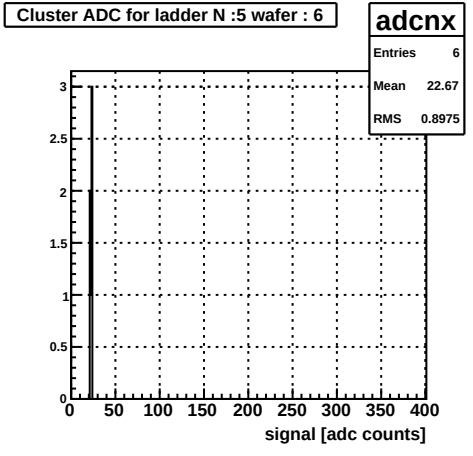

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 457
Mean 34.22
RMS 35.9
signal [adc counts]

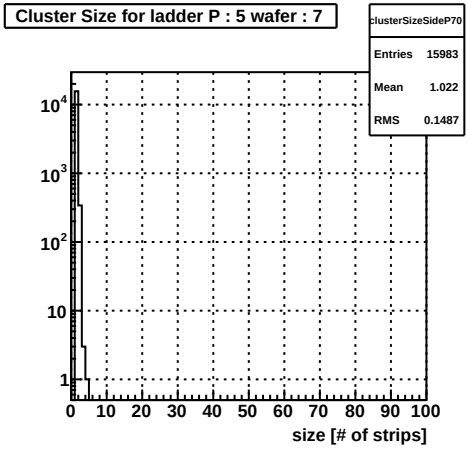

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10774
Mean 1.015
RMS 0.1269
size [# of strips]

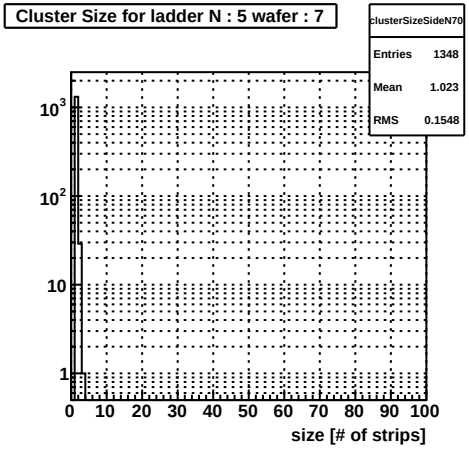

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6
Mean 1
RMS 0
size [# of strips]

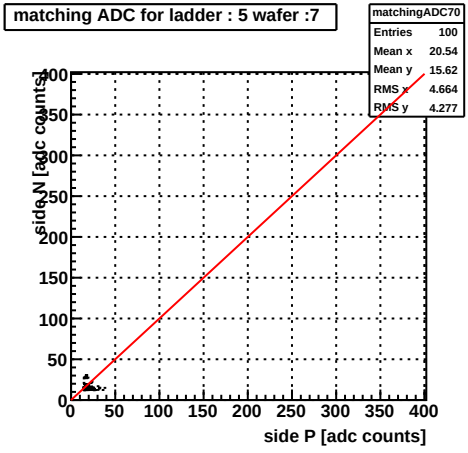

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

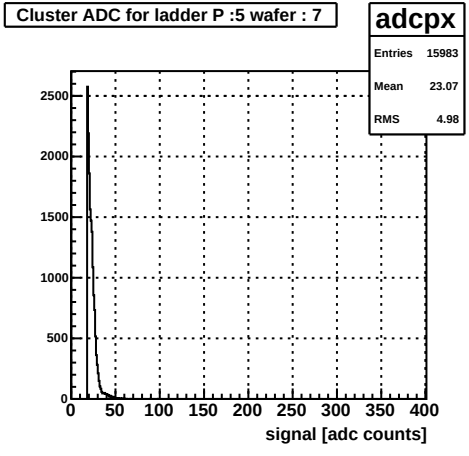

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10774
Mean 25.68
RMS 7.741
signal [adc counts]

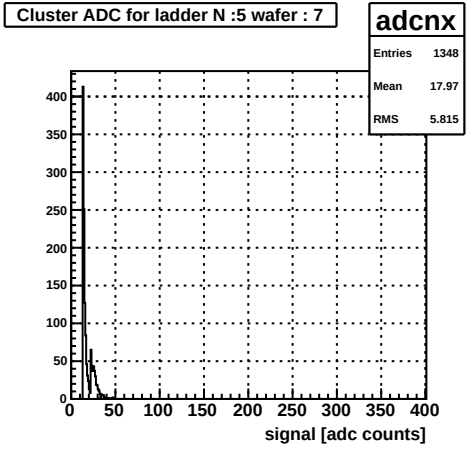

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6
Mean 22.67
RMS 0.8975
signal [adc counts]

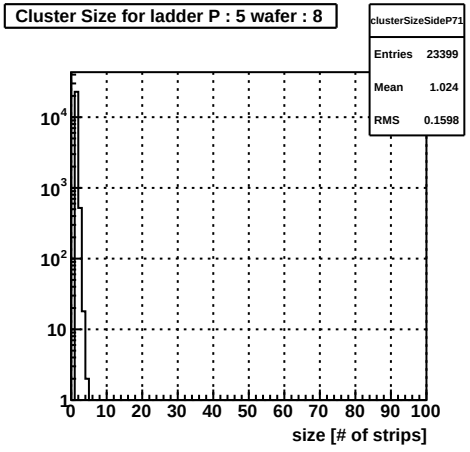

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 15983
Mean 1.022
RMS 0.1487
size [# of strips]

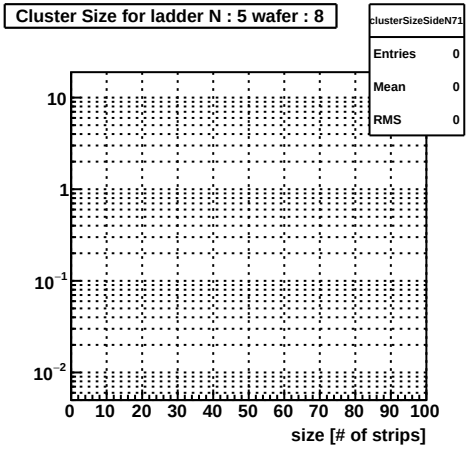

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1348
Mean 1.023
RMS 0.1548
size [# of strips]

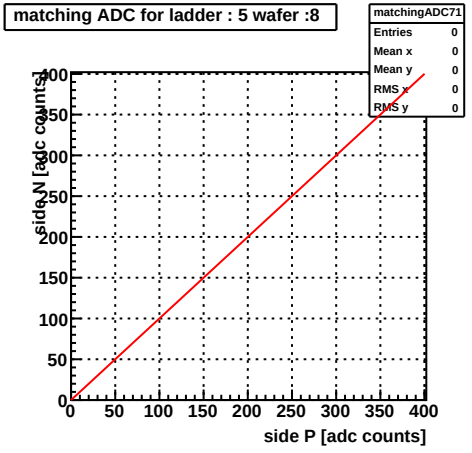

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 100
Mean x 20.54
Mean y 15.62
RMS x 4.664
RMS y 4.277
side N [adc counts]
side P [adc counts]

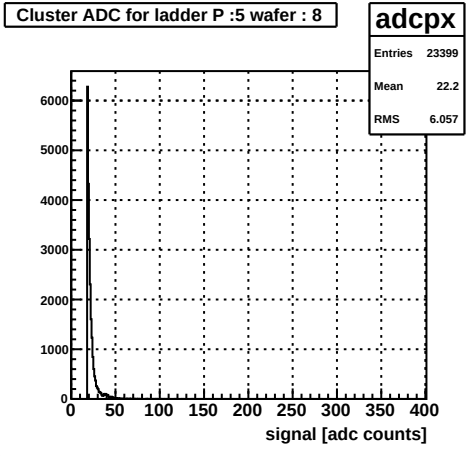

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 15983
Mean 23.07
RMS 4.98
signal [adc counts]

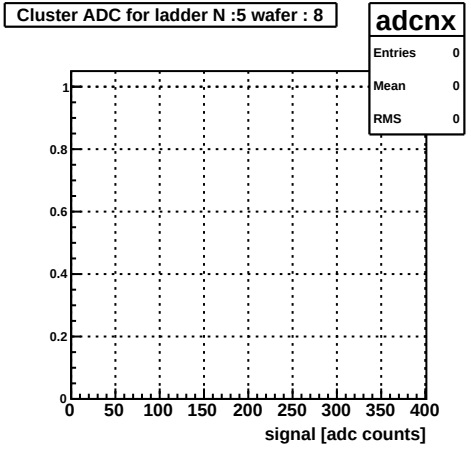

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1348
Mean 17.97
RMS 5.815
signal [adc counts]

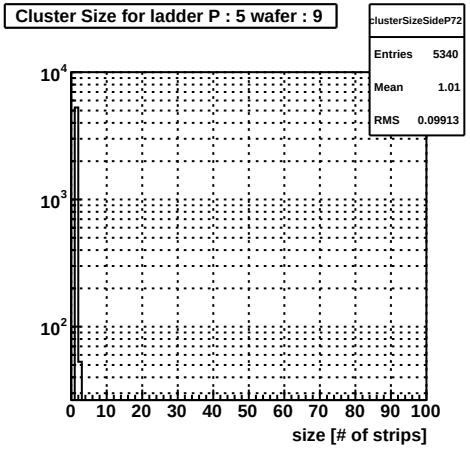

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 23399
Mean 1.024
RMS 0.1598
size [# of strips]

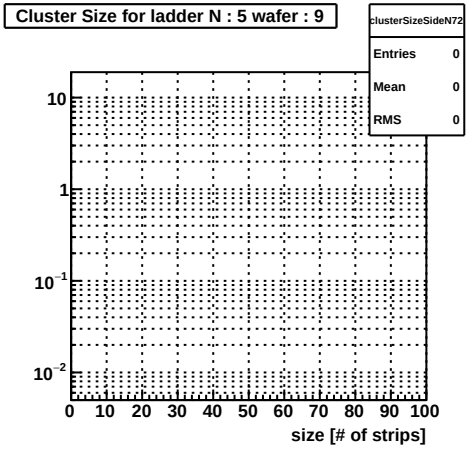

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

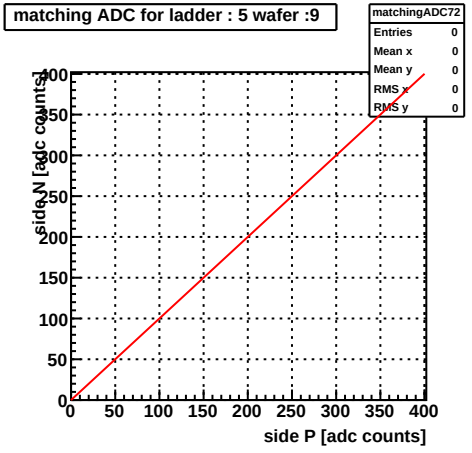

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

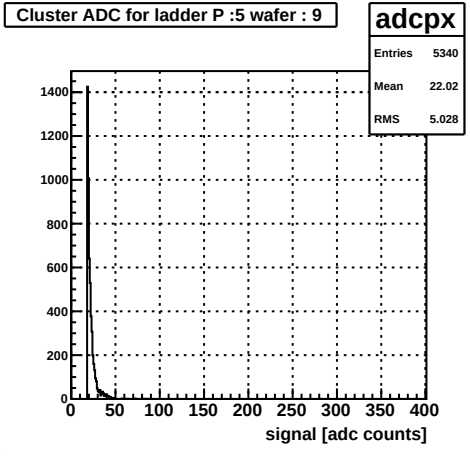

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 23399
Mean 22.2
RMS 6.057
signal [adc counts]

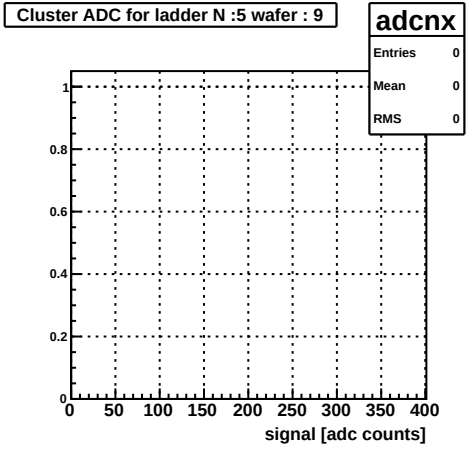

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

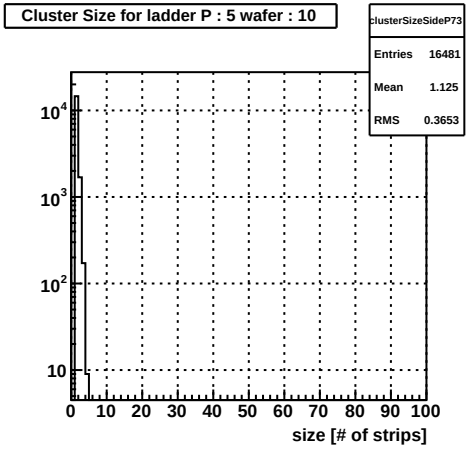

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5340
Mean 1.01
RMS 0.09913
size [# of strips]

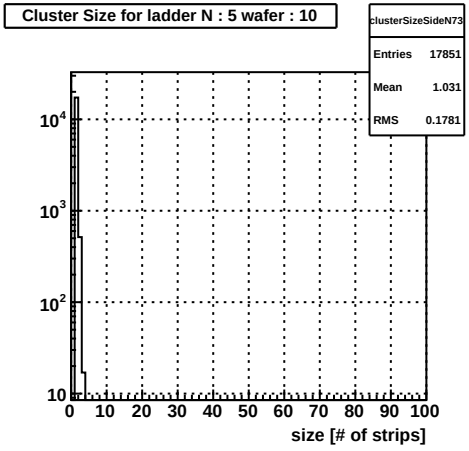

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

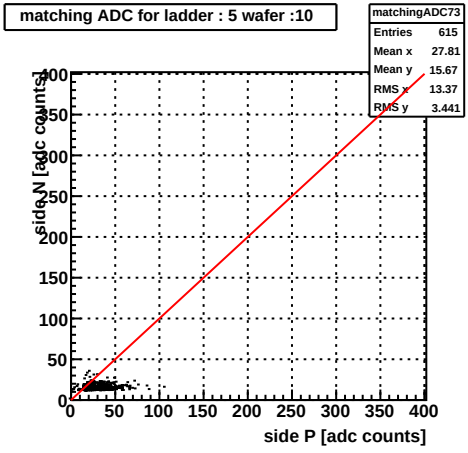

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

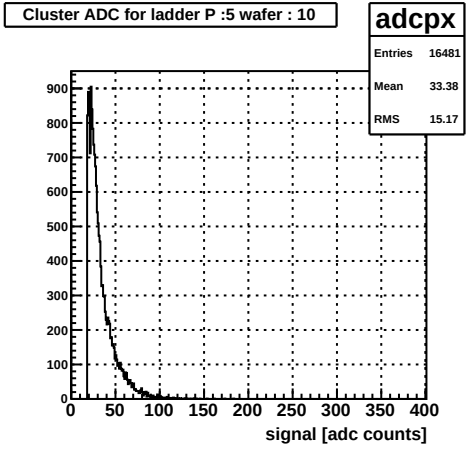

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5340
Mean 22.02
RMS 5.028
signal [adc counts]

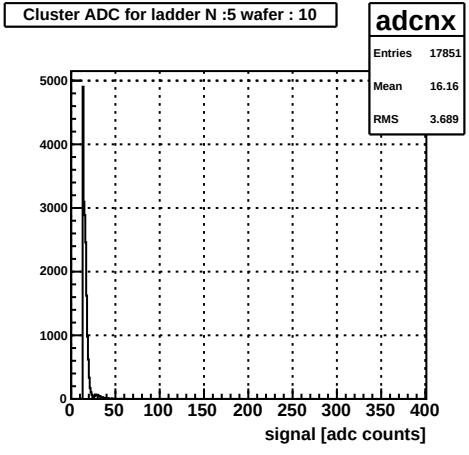

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

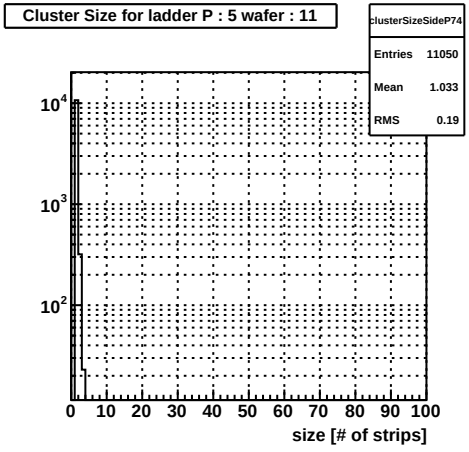

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 16481
Mean 1.125
RMS 0.3653
size [# of strips]

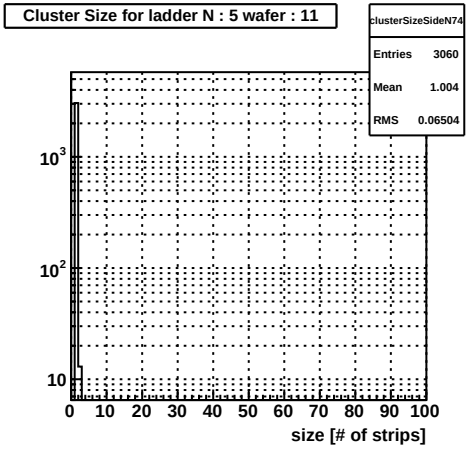

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 17851
Mean 1.031
RMS 0.1781
size [# of strips]

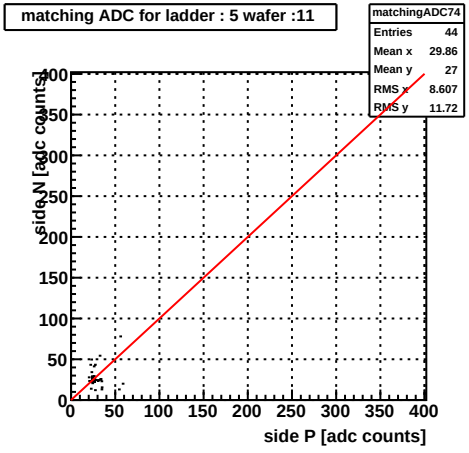

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 615
Mean x 27.81
Mean y 15.67
RMS x 13.37
RMS y 3.441
side N [adc counts]
side P [adc counts]

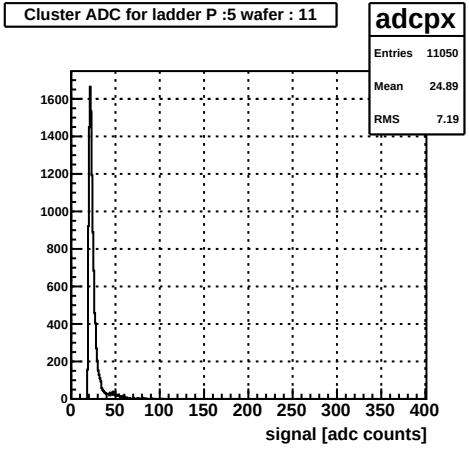

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 16481
Mean 33.38
RMS 15.17
signal [adc counts]

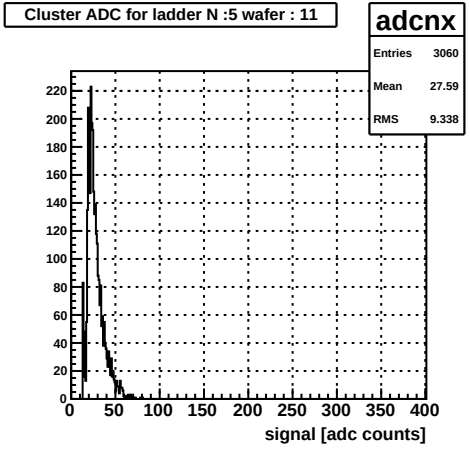

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 17851
Mean 16.16
RMS 3.689
signal [adc counts]

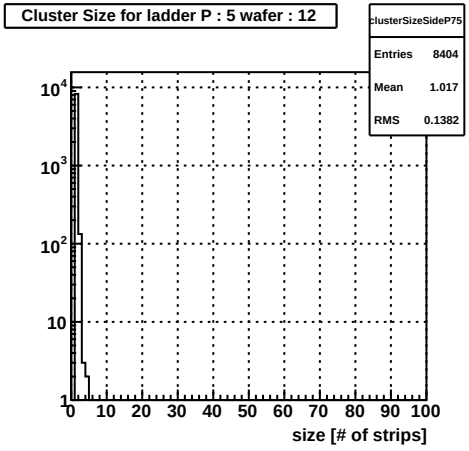

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 11050
Mean 1.033
RMS 0.19
size [# of strips]

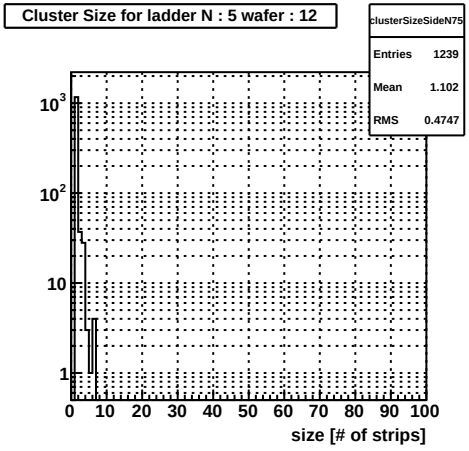

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3060
Mean 1.004
RMS 0.06504
size [# of strips]

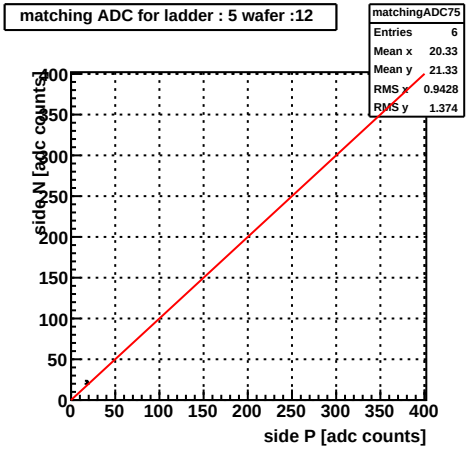

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 44
Mean x 29.86
Mean y 27
RMS x 8.607
RMS y 11.72
side N [adc counts]
side P [adc counts]

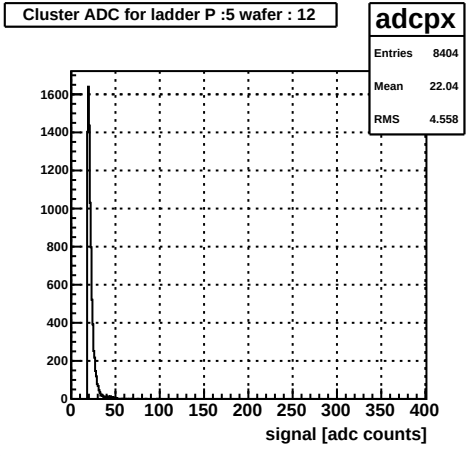

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 11050
Mean 24.89
RMS 7.19
signal [adc counts]

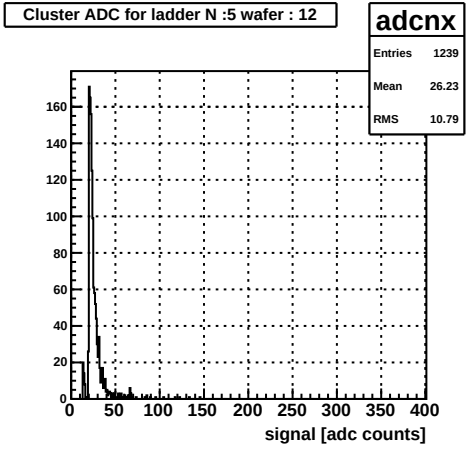

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3060
Mean 27.59
RMS 9.338
signal [adc counts]

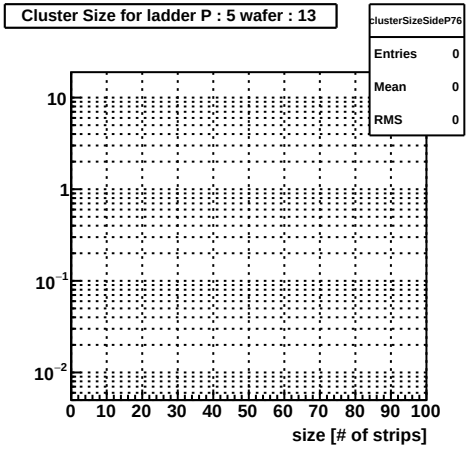

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8404
Mean 1.017
RMS 0.1382
size [# of strips]

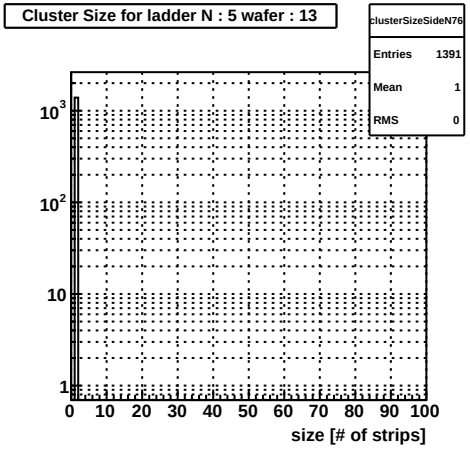

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1239
Mean 1.102
RMS 0.4747
size [# of strips]

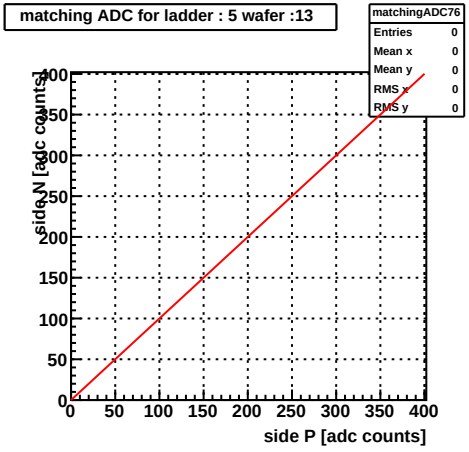

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 6
Mean x 20.33
Mean y 21.33
RMS x 0.9428
RMS y 1.374
side N [adc counts]
side P [adc counts]

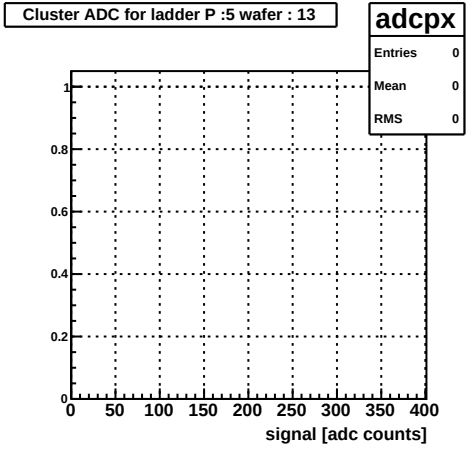

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8404
Mean 22.04
RMS 4.558
signal [adc counts]

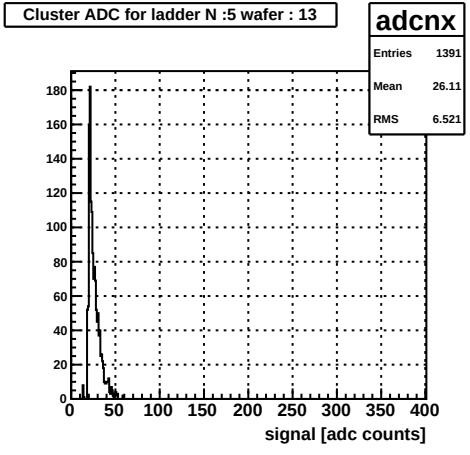

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1239
Mean 26.23
RMS 10.79
signal [adc counts]

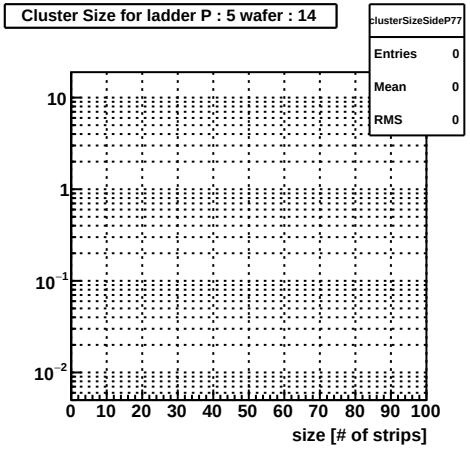

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

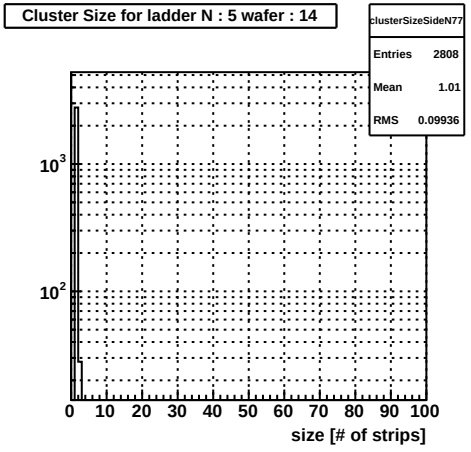

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1391
Mean 1
RMS 0
size [# of strips]

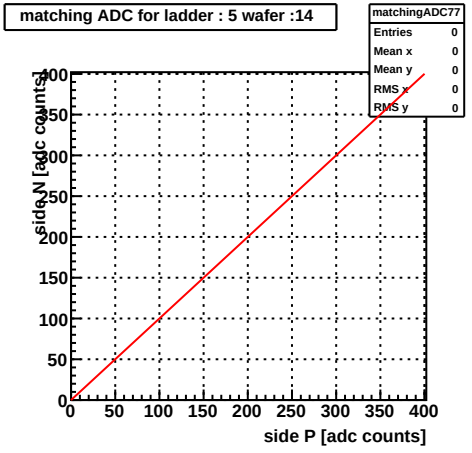

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

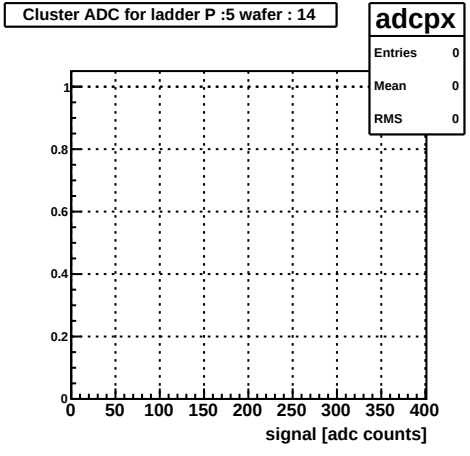

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

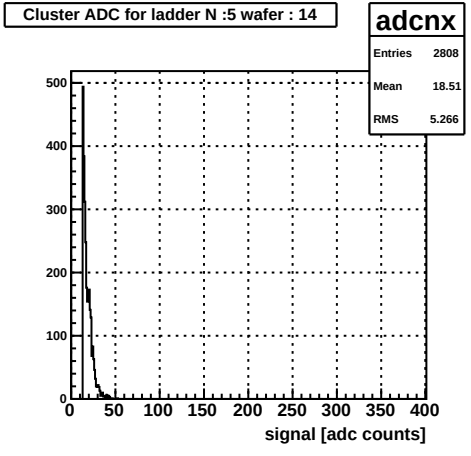

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1391
Mean 26.11
RMS 6.521
signal [adc counts]

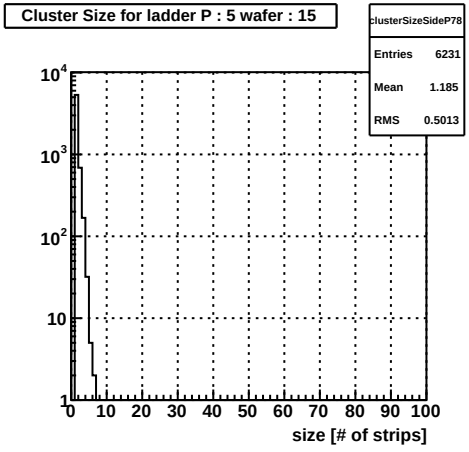

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

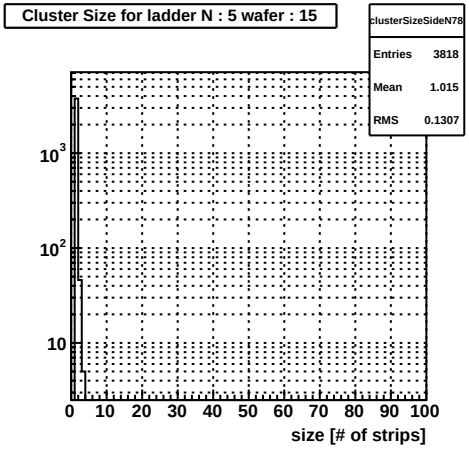

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2808
Mean 1.01
RMS 0.09936
size [# of strips]

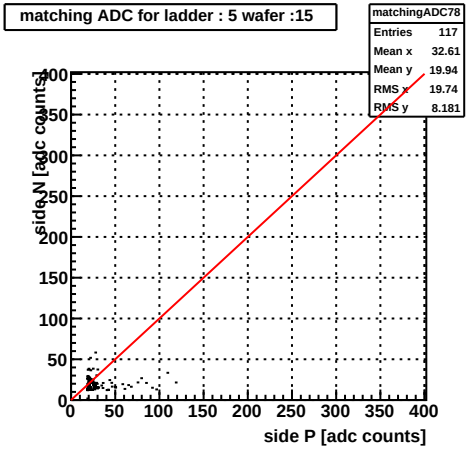

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

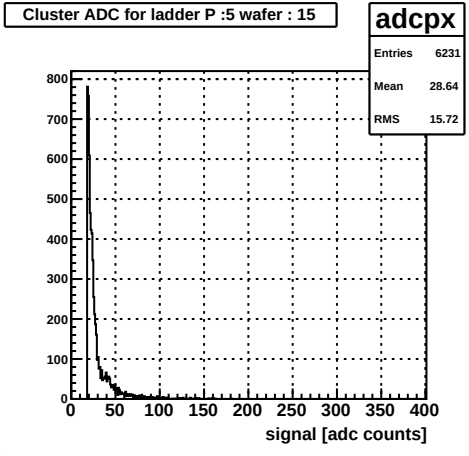

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

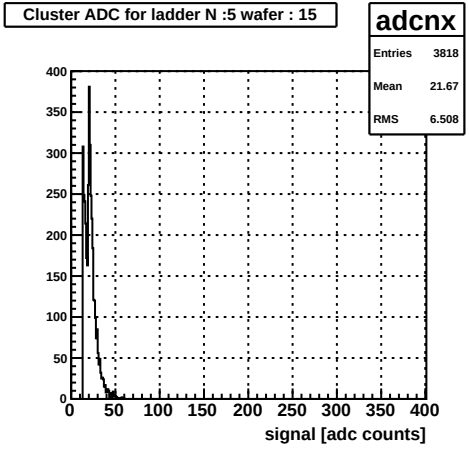

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2808
Mean 18.51
RMS 5.266
signal [adc counts]

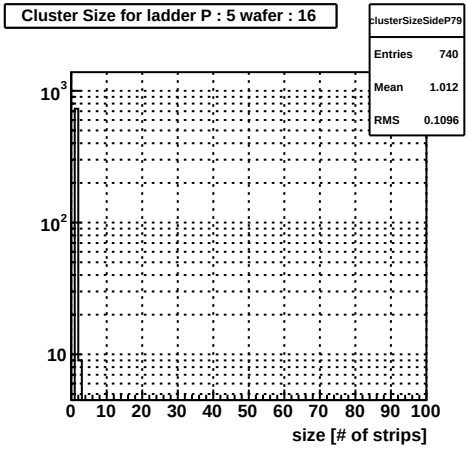

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6231
Mean 1.185
RMS 0.5013
size [# of strips]

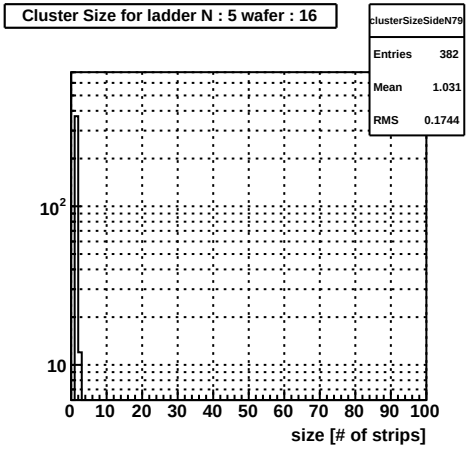

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3818
Mean 1.015
RMS 0.1307
size [# of strips]

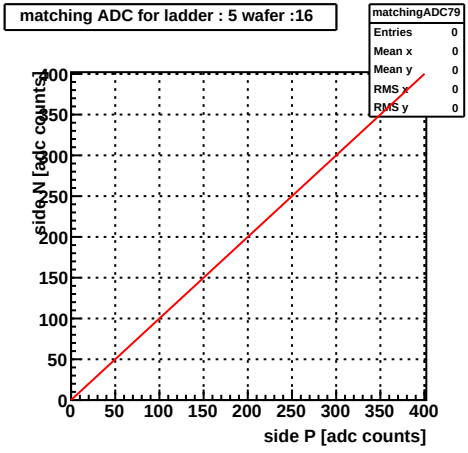

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 117
Mean x 32.61
Mean y 19.94
RMS x 19.74
RMS y 8.181
side N [adc counts]
side P [adc counts]

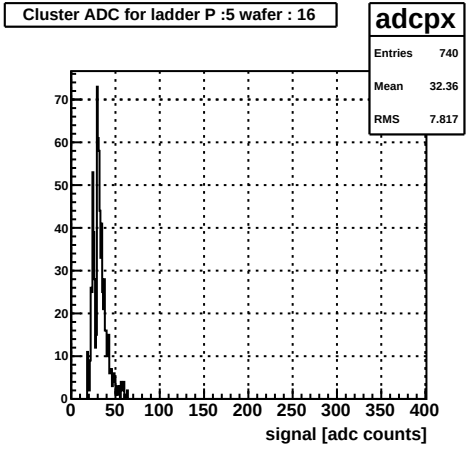

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6231
Mean 28.64
RMS 15.72
signal [adc counts]

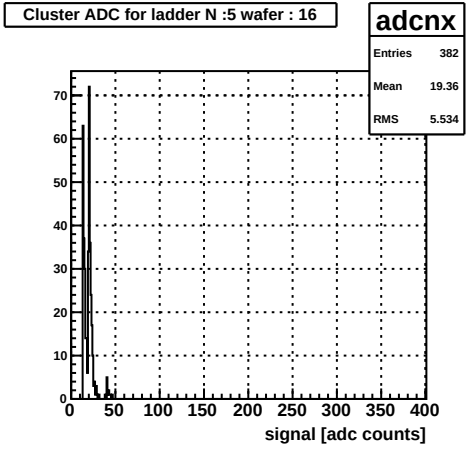

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3818
Mean 21.67
RMS 6.508
signal [adc counts]

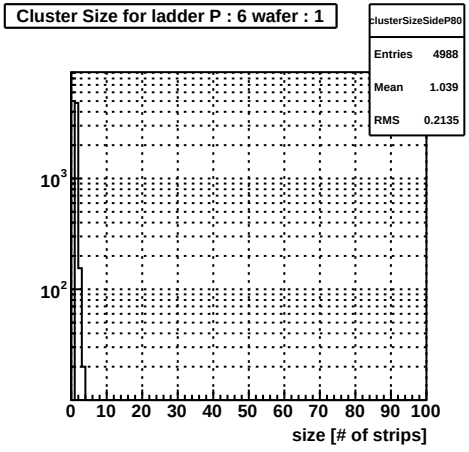

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 740
Mean 1.012
RMS 0.1096
size [# of strips]

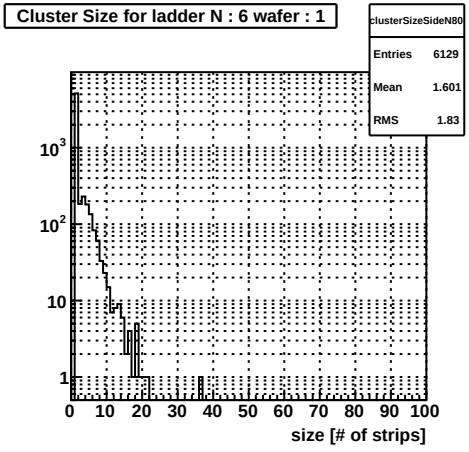

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 382
Mean 1.031
RMS 0.1744
size [# of strips]

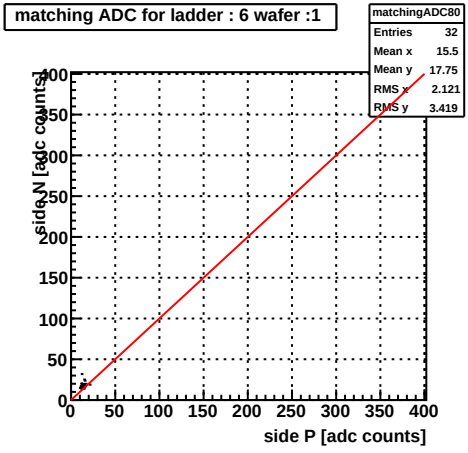

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

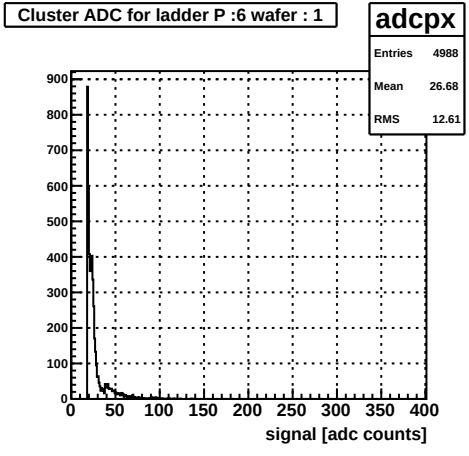

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 740
Mean 32.36
RMS 7.817
signal [adc counts]

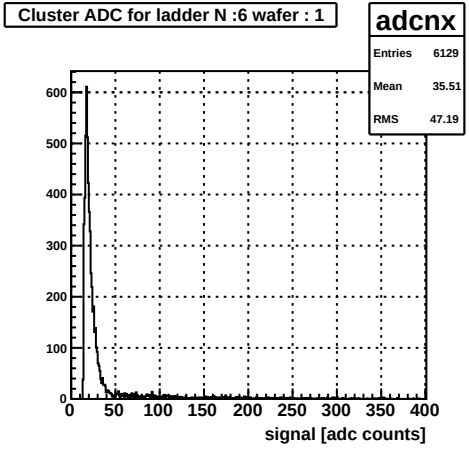

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 382
Mean 19.36
RMS 5.534
signal [adc counts]

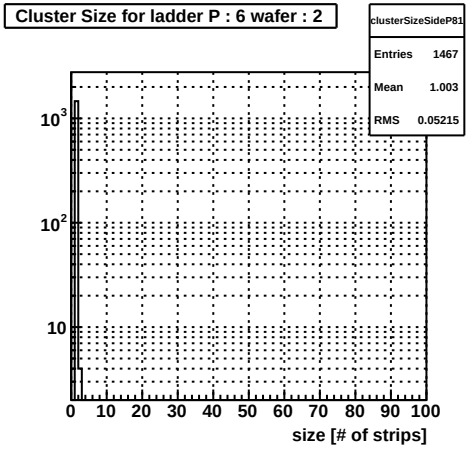

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 4988
Mean 1.039
RMS 0.2135
size [# of strips]

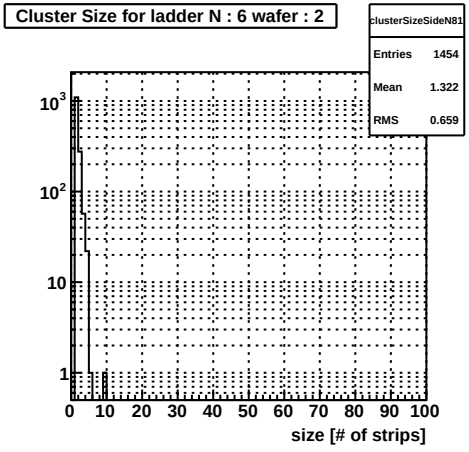

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 6129
Mean 1.601
RMS 1.83
size [# of strips]

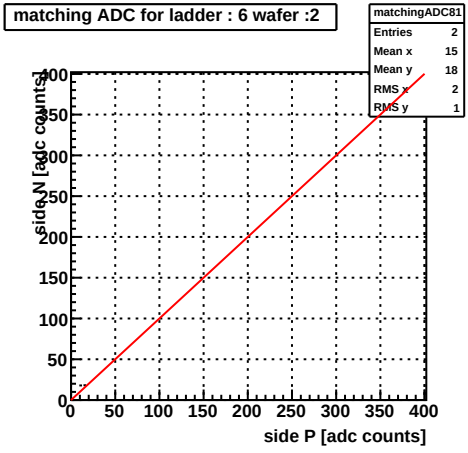

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 32
Mean x 15.5
Mean y 17.75
RMS x 2.121
RMS y 3.419
side N [adc counts]
side P [adc counts]

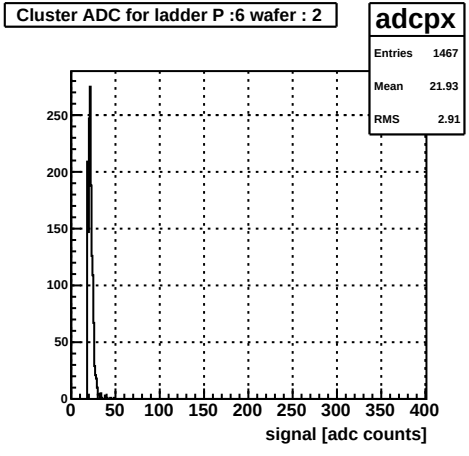

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 4988
Mean 26.68
RMS 12.61
signal [adc counts]

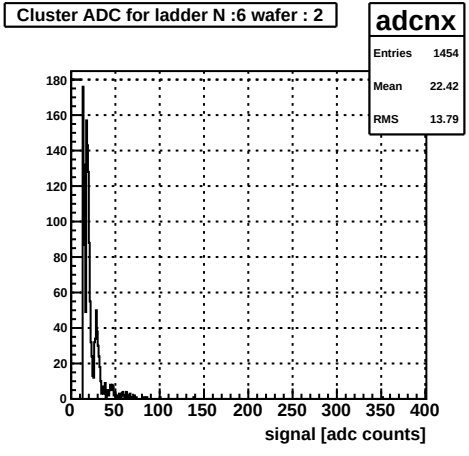

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 6129
Mean 35.51
RMS 47.19
signal [adc counts]

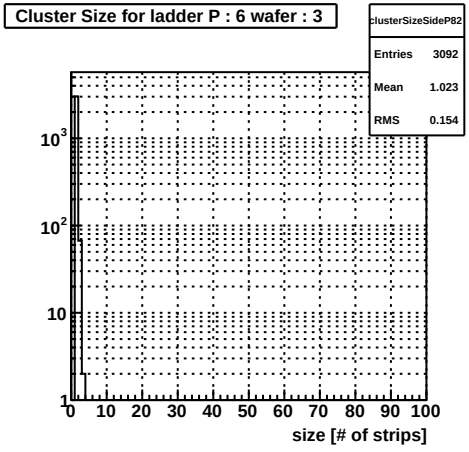

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1467
Mean 1.003
RMS 0.05215
size [# of strips]

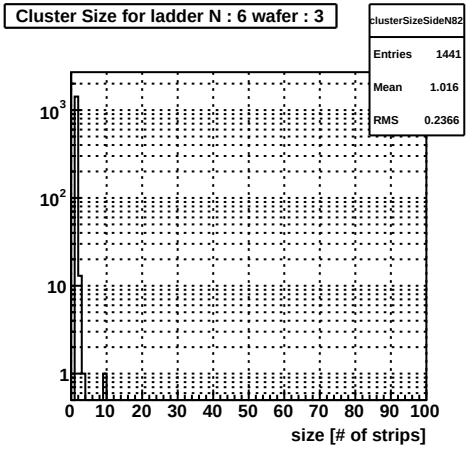

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1454
Mean 1.322
RMS 0.659
size [# of strips]

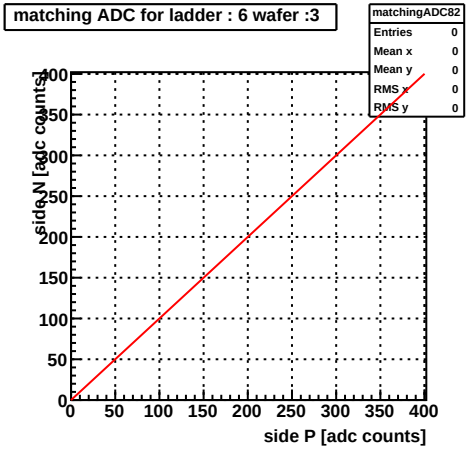

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2
Mean x 15
Mean y 18
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

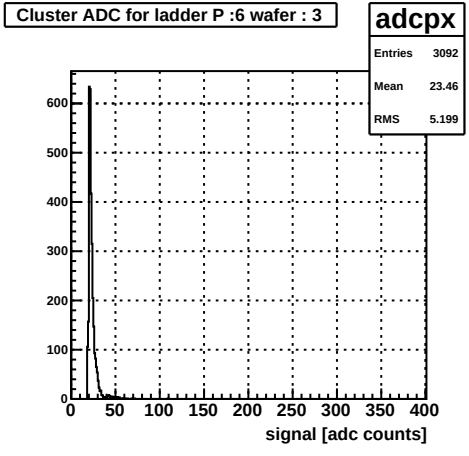

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1467
Mean 21.93
RMS 2.91
signal [adc counts]

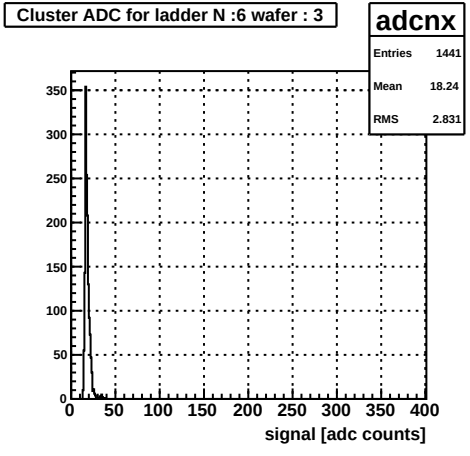

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1454
Mean 22.42
RMS 13.79
signal [adc counts]

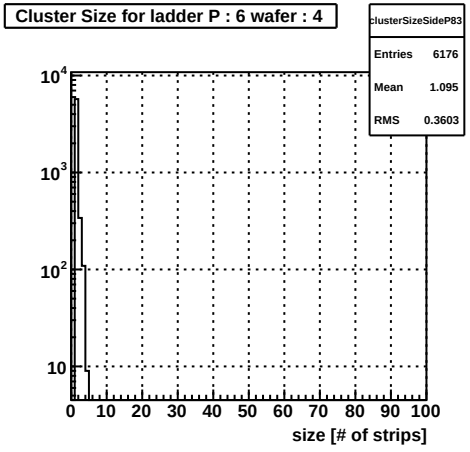

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3092
Mean 1.023
RMS 0.154
size [# of strips]

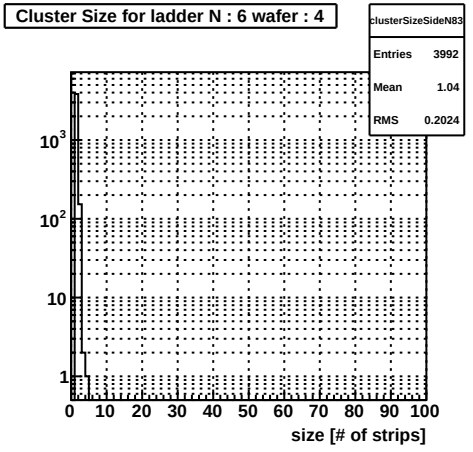

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1441
Mean 1.016
RMS 0.2366
size [# of strips]

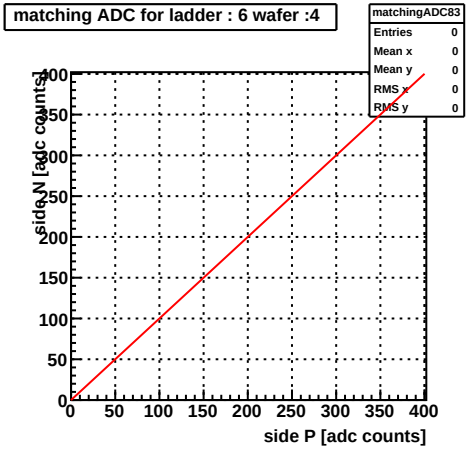

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

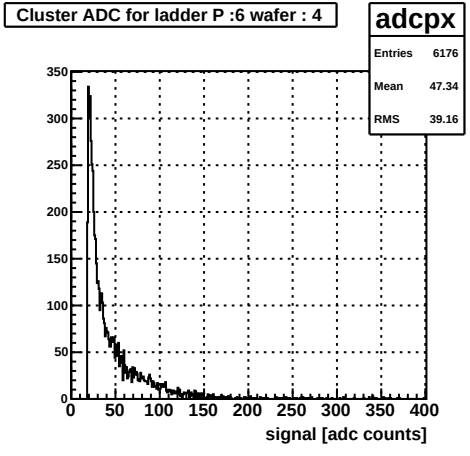

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3092
Mean 23.46
RMS 5.199
signal [adc counts]

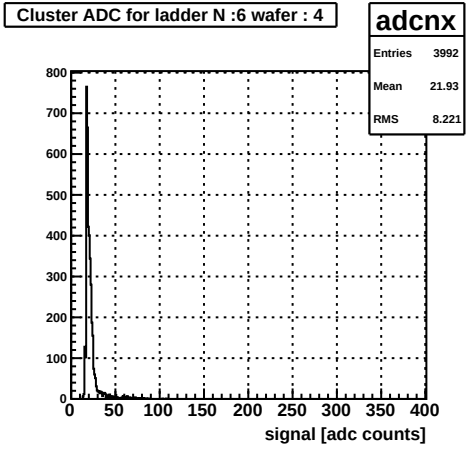

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1441
Mean 18.24
RMS 2.831
signal [adc counts]

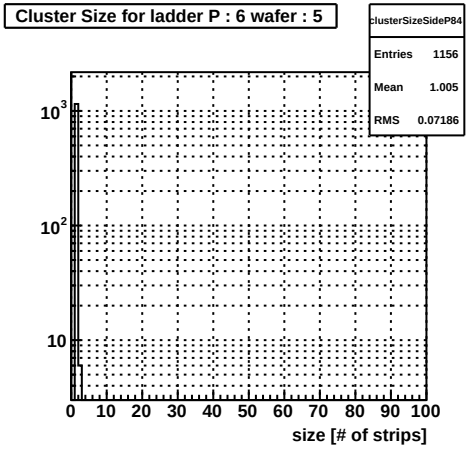

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 6176
Mean 1.095
RMS 0.3603
size [# of strips]

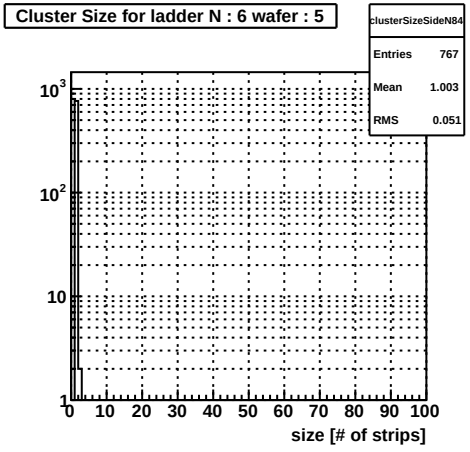

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3992
Mean 1.04
RMS 0.2024
size [# of strips]

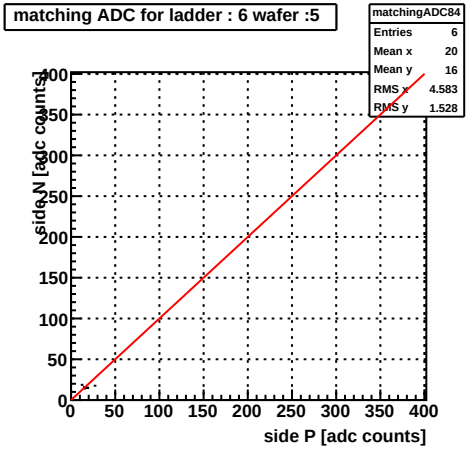

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

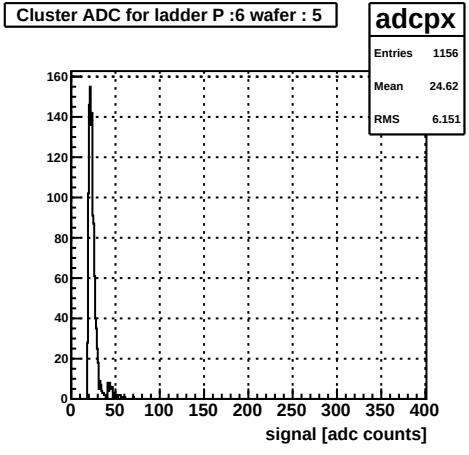

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 6176
Mean 47.34
RMS 39.16
signal [adc counts]

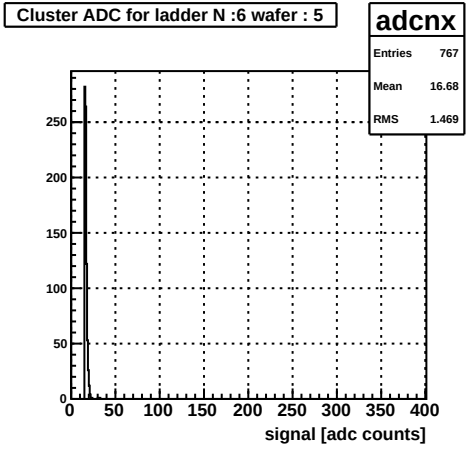

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3992
Mean 21.93
RMS 8.221
signal [adc counts]

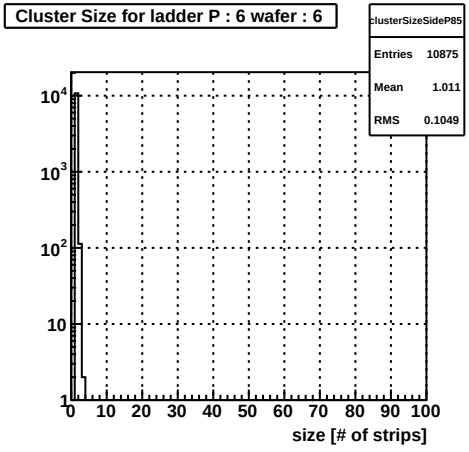

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1156
Mean 1.005
RMS 0.07186
size [# of strips]

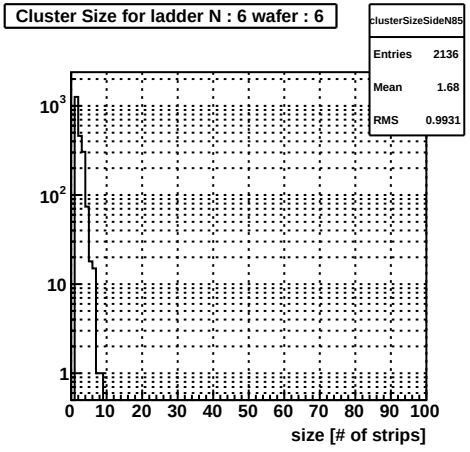

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 767
Mean 1.003
RMS 0.051
size [# of strips]

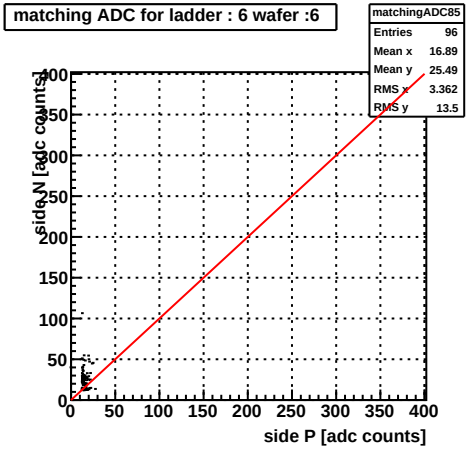

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 6
Mean x 20
Mean y 16
RMS x 4.583
RMS y 1.528
side N [adc counts]
side P [adc counts]

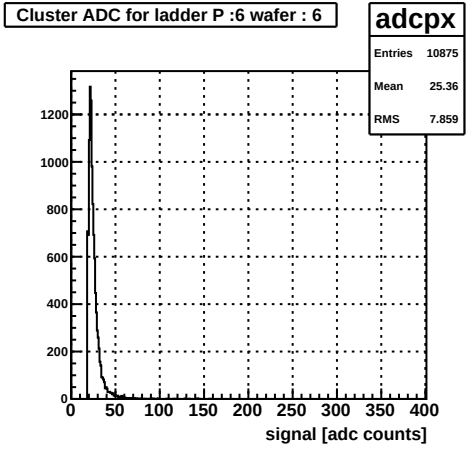

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1156
Mean 24.62
RMS 6.151
signal [adc counts]

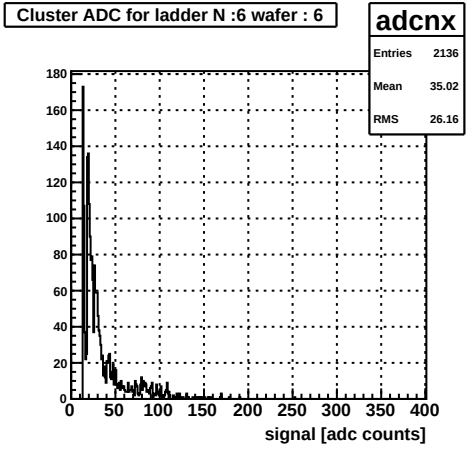

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 767
Mean 16.68
RMS 1.469
signal [adc counts]

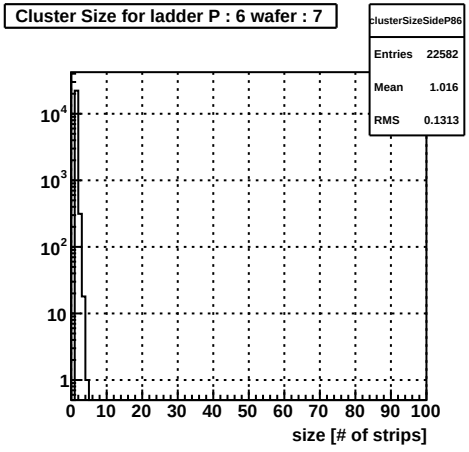

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10875
Mean 1.011
RMS 0.1049
size [# of strips]

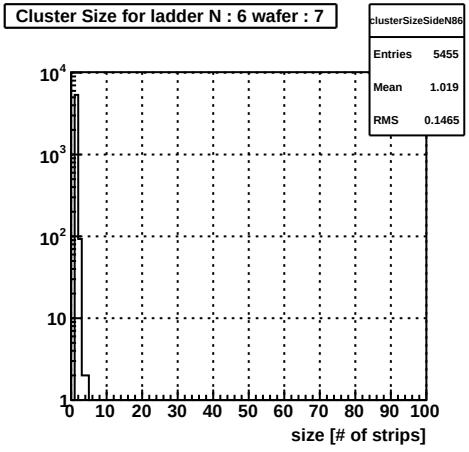

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2136
Mean 1.68
RMS 0.9931
size [# of strips]

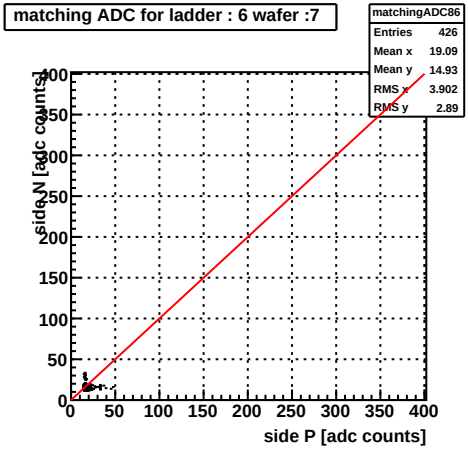

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 96
Mean x 16.89
Mean y 25.49
RMS x 3.362
RMS y 13.5
side N [adc counts]
side P [adc counts]

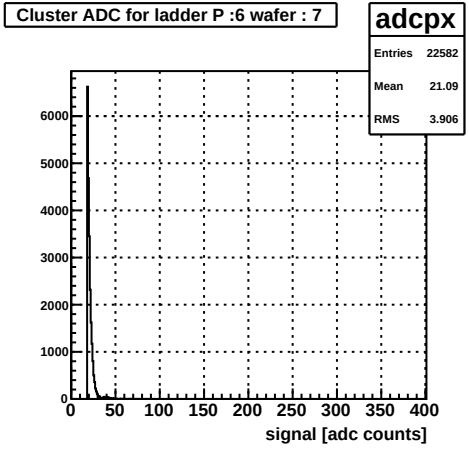

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10875
Mean 25.36
RMS 7.859
signal [adc counts]

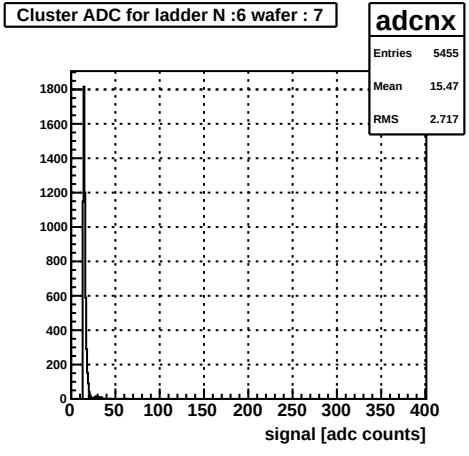

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2136
Mean 35.02
RMS 26.16
signal [adc counts]

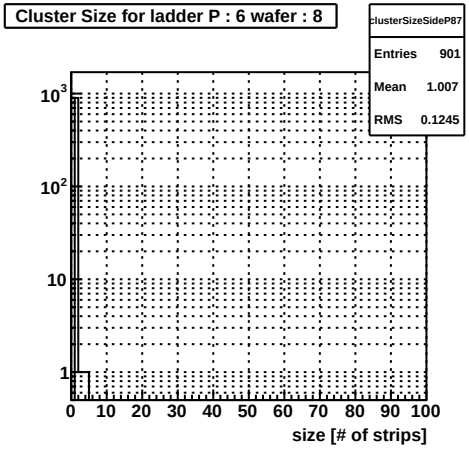

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 22582
Mean 1.016
RMS 0.1313
size [# of strips]

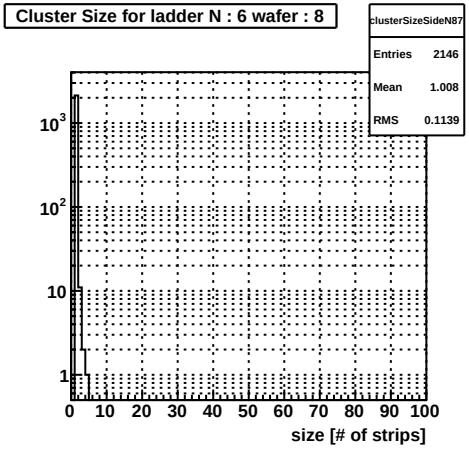

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5455
Mean 1.019
RMS 0.1465
size [# of strips]

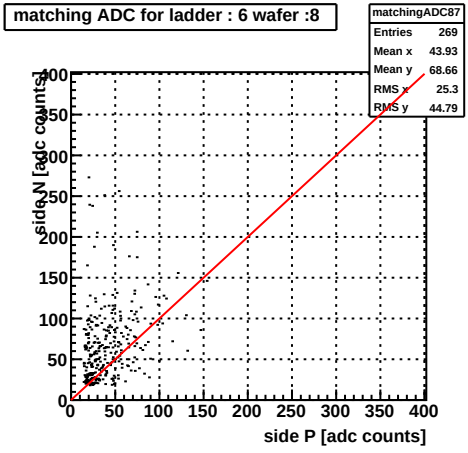

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 426
Mean x 19.09
Mean y 14.93
RMS x 3.902
RMS y 2.89
side N [adc counts]
side P [adc counts]

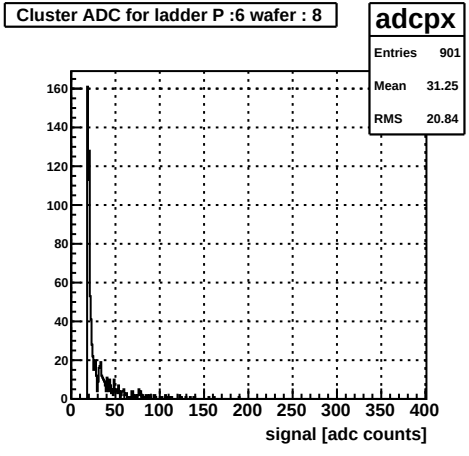

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 22582
Mean 21.09
RMS 3.906
signal [adc counts]

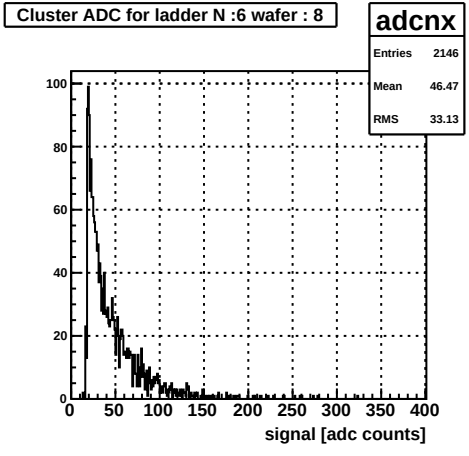

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5455
Mean 15.47
RMS 2.717
signal [adc counts]

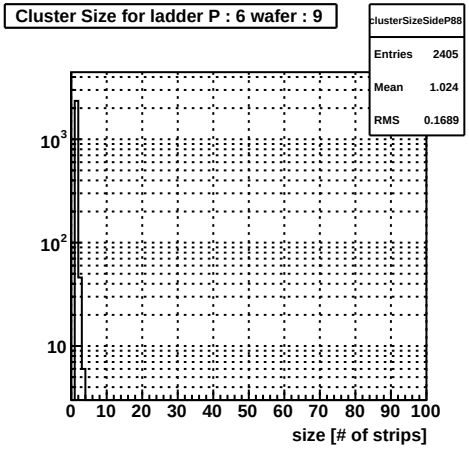

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 901
Mean 1.007
RMS 0.1245
size [# of strips]

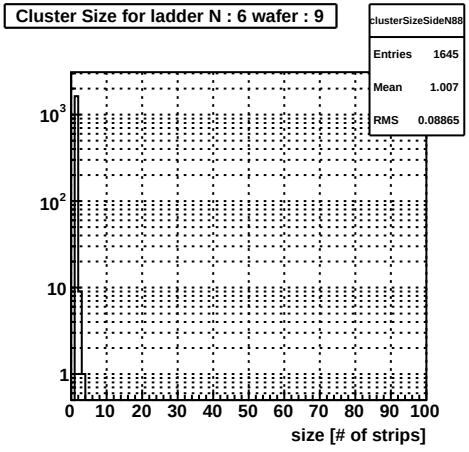

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2146
Mean 1.008
RMS 0.1139
size [# of strips]

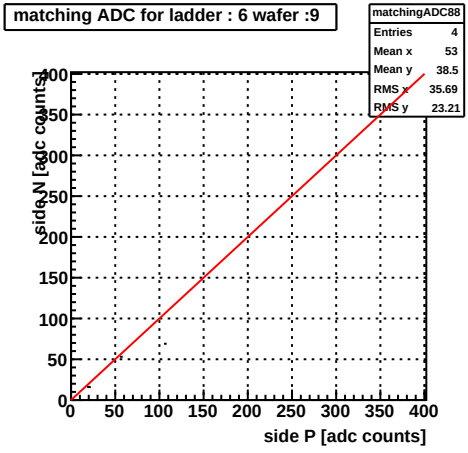

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 269
Mean x 43.93
Mean y 68.66
RMS x 25.3
RMS y 44.79
side N [adc counts]
side P [adc counts]

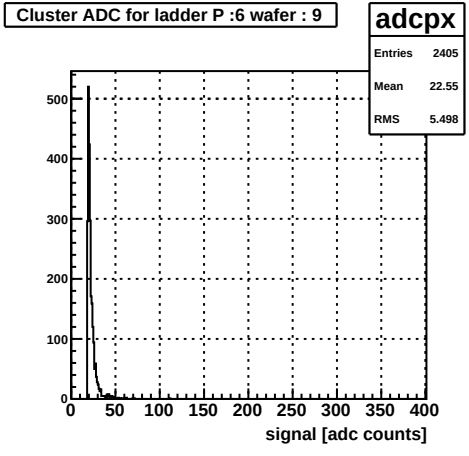

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 901
Mean 31.25
RMS 20.84
signal [adc counts]

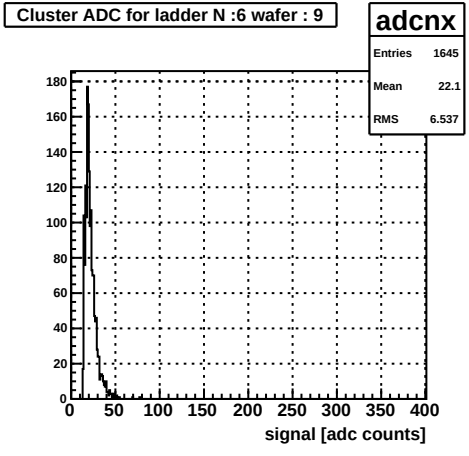

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2146
Mean 46.47
RMS 33.13
signal [adc counts]

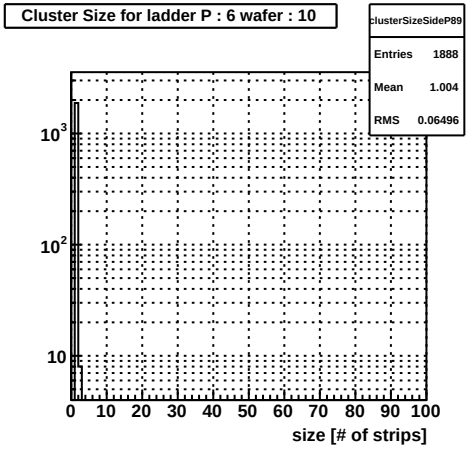

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 2405
Mean 1.024
RMS 0.1689
size [# of strips]

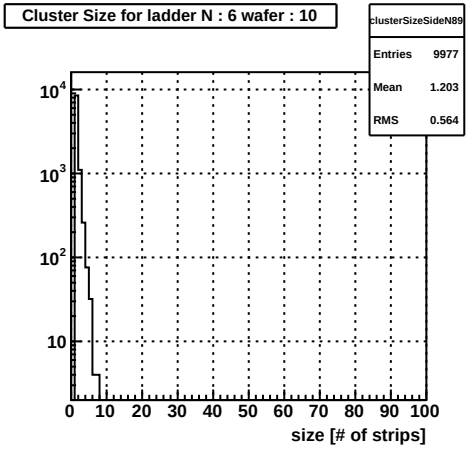

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1645
Mean 1.007
RMS 0.08865
size [# of strips]

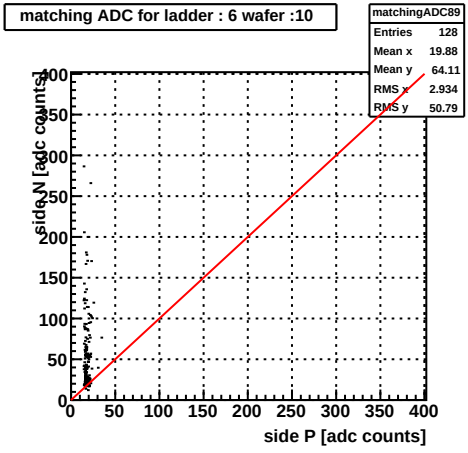

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 4
Mean x 53
Mean y 38.5
RMS x 35.69
RMS y 23.21
side N [adc counts]
side P [adc counts]

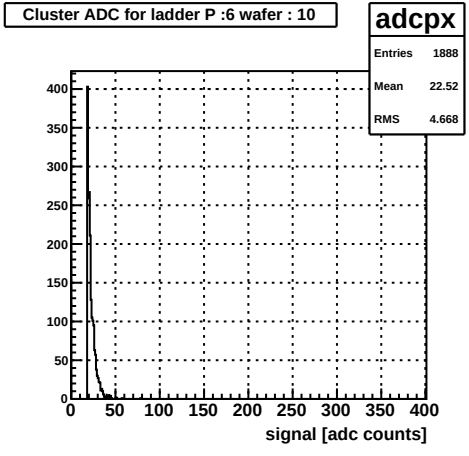

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 2405
Mean 22.55
RMS 5.498
signal [adc counts]

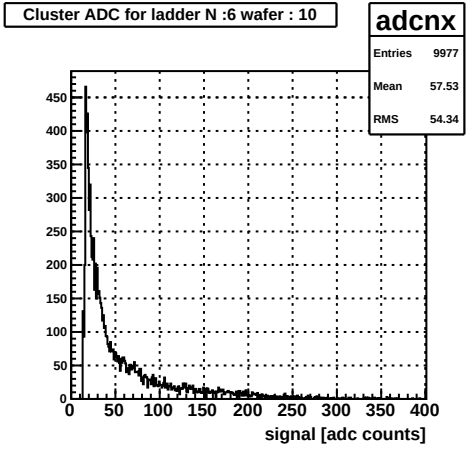

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1645
Mean 22.1
RMS 6.537
signal [adc counts]

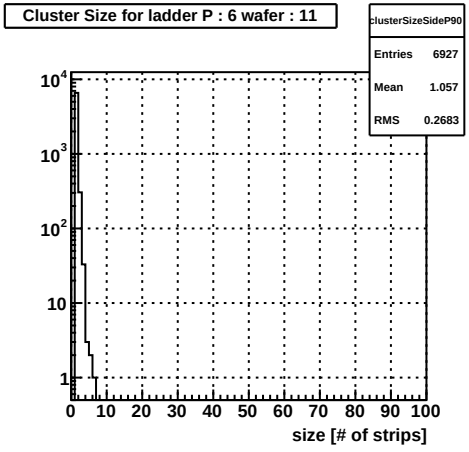

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1888
Mean 1.004
RMS 0.06496
size [# of strips]

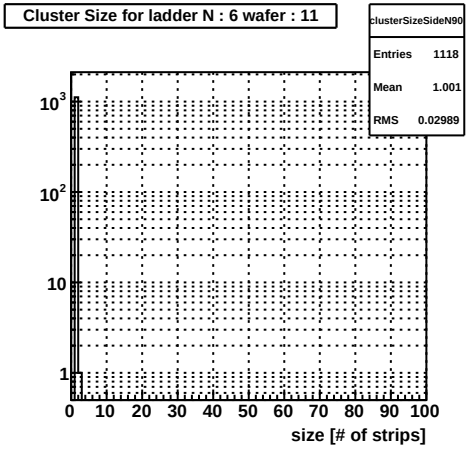

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 9977
Mean 1.203
RMS 0.564
size [# of strips]

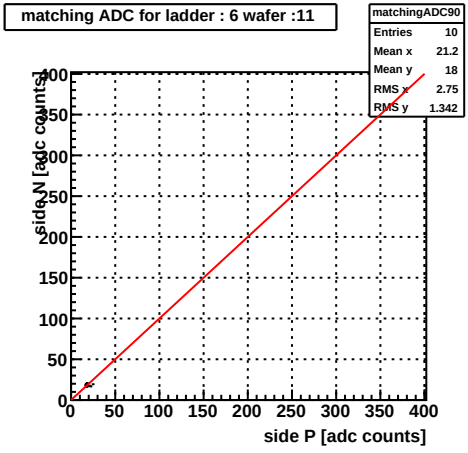

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 128
Mean x 19.88
Mean y 64.11
RMS x 2.934
RMS y 50.79
side N [adc counts]
side P [adc counts]

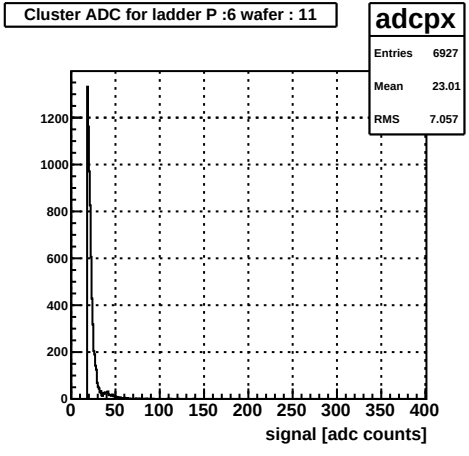

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1888
Mean 22.52
RMS 4.668
signal [adc counts]

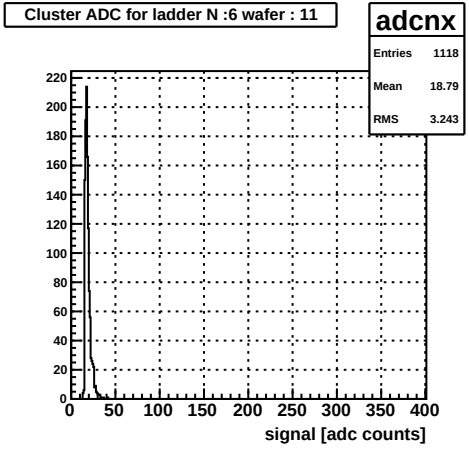

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 9977
Mean 57.53
RMS 54.34
signal [adc counts]

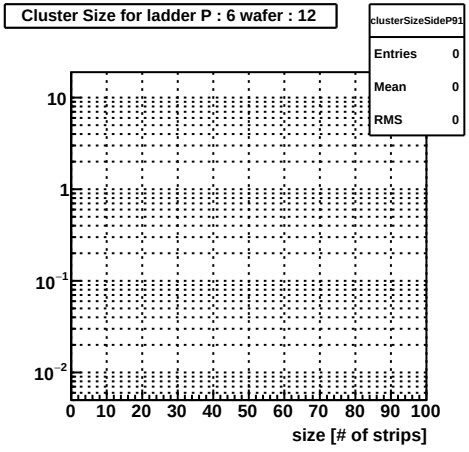

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6927
Mean 1.057
RMS 0.2683
size [# of strips]

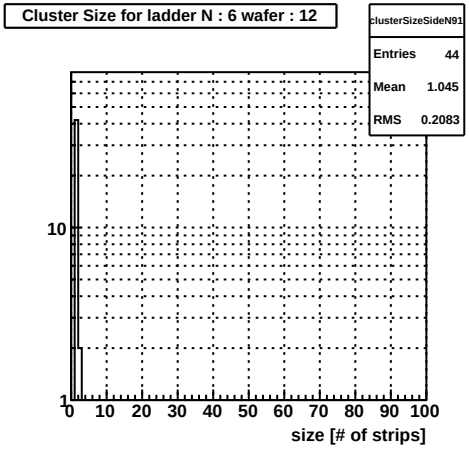

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1118
Mean 1.001
RMS 0.02989
size [# of strips]

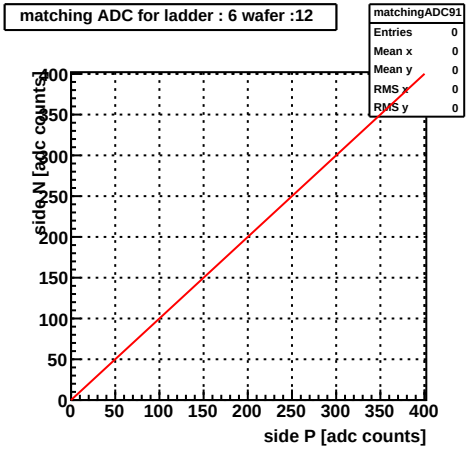

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 10
Mean x 21.2
Mean y 18
RMS x 2.75
RMS y 1.342
side N [adc counts]
side P [adc counts]

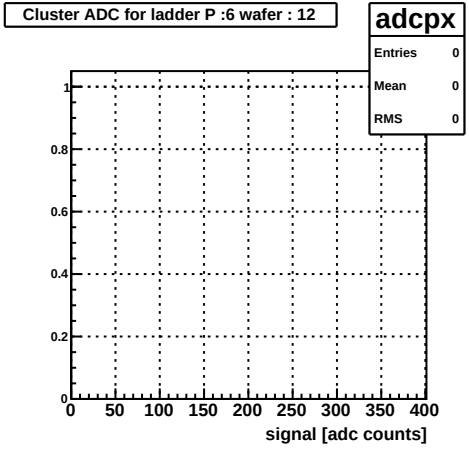

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6927
Mean 23.01
RMS 7.057
signal [adc counts]

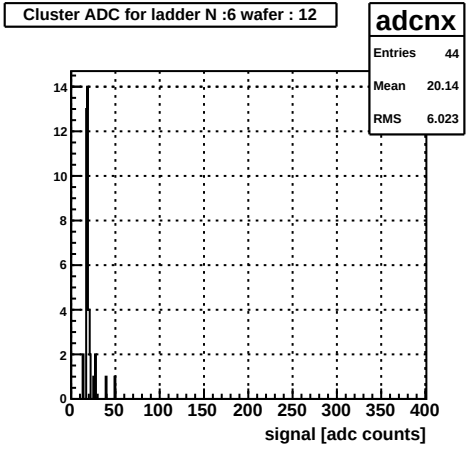

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1118
Mean 18.79
RMS 3.243
signal [adc counts]

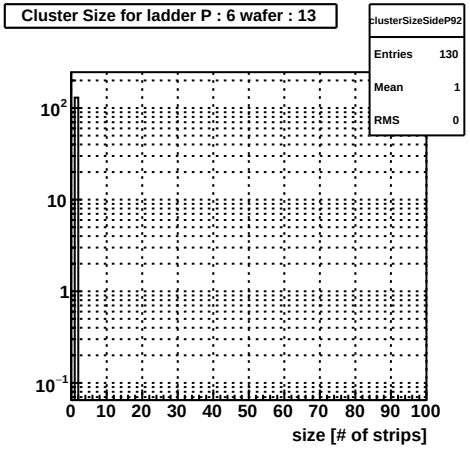

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

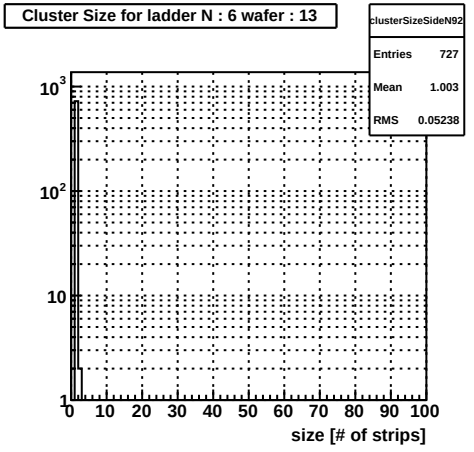

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 44
Mean 1.045
RMS 0.2083
size [# of strips]

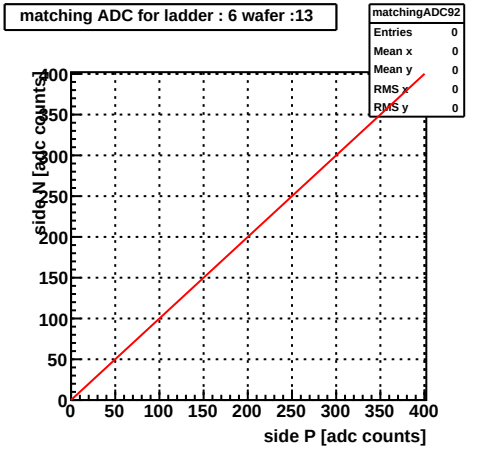

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

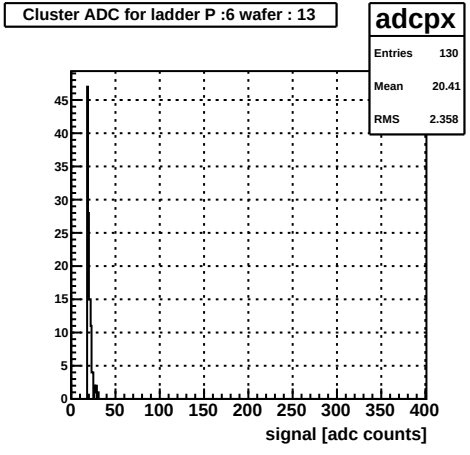

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

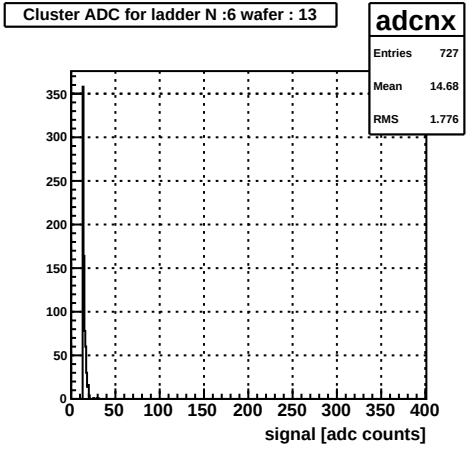

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 44
Mean 20.14
RMS 6.023
signal [adc counts]

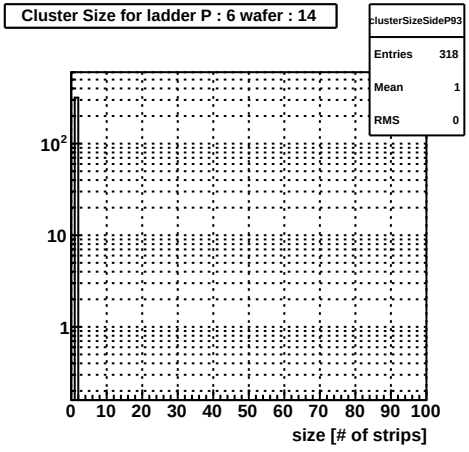

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 130
Mean 1
RMS 0
size [# of strips]

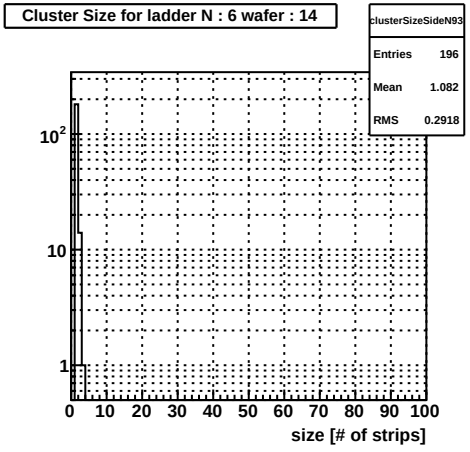

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 727
Mean 1.003
RMS 0.05238
size [# of strips]

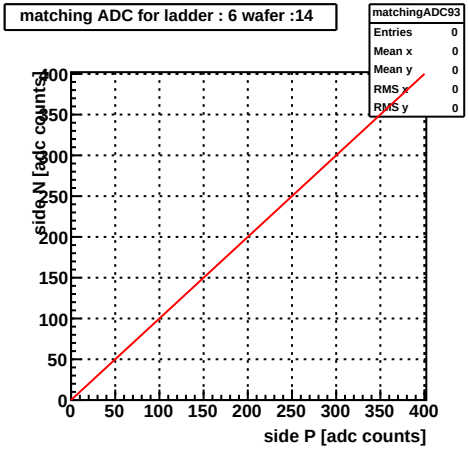

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

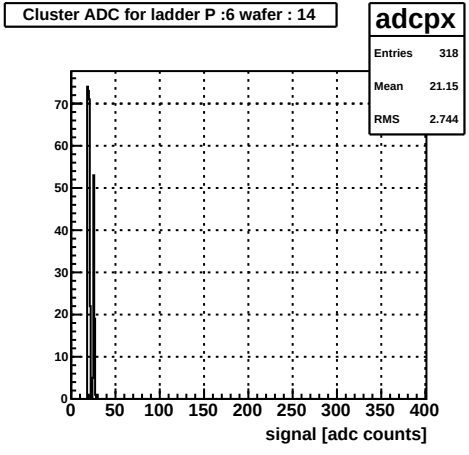

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 130
Mean 20.41
RMS 2.358
signal [adc counts]

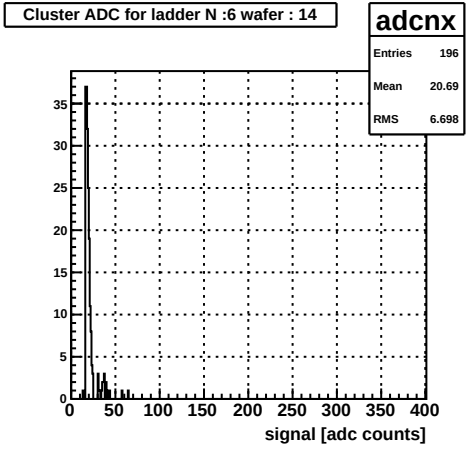

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 727
Mean 14.68
RMS 1.776
signal [adc counts]

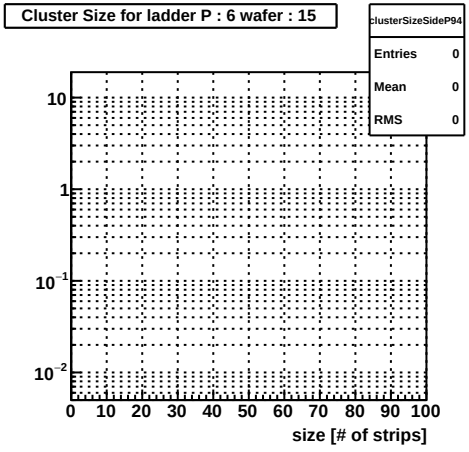

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 318
Mean 1
RMS 0
size [# of strips]

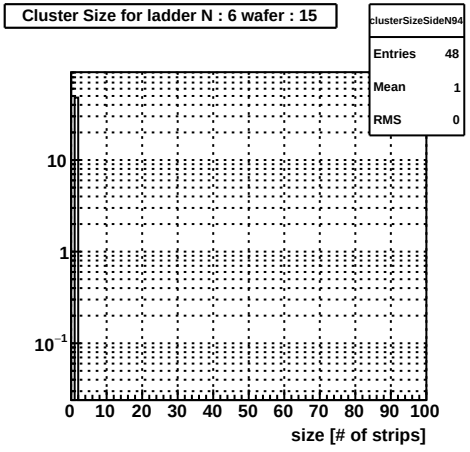

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 196
Mean 1.082
RMS 0.2918
size [# of strips]

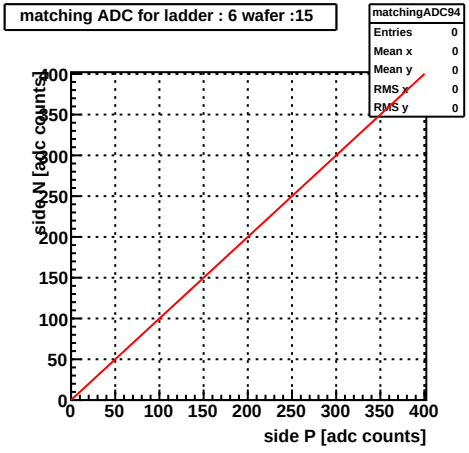

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

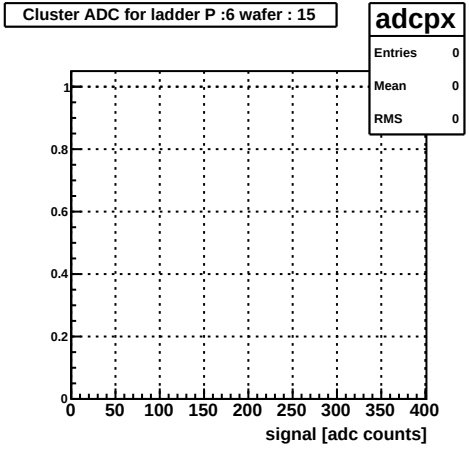

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 318
Mean 21.15
RMS 2.744
signal [adc counts]

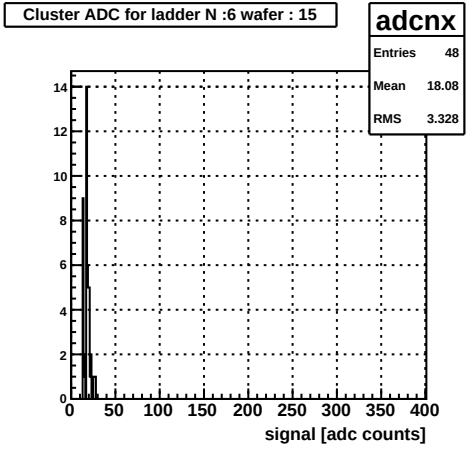

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 196
Mean 20.69
RMS 6.698
signal [adc counts]

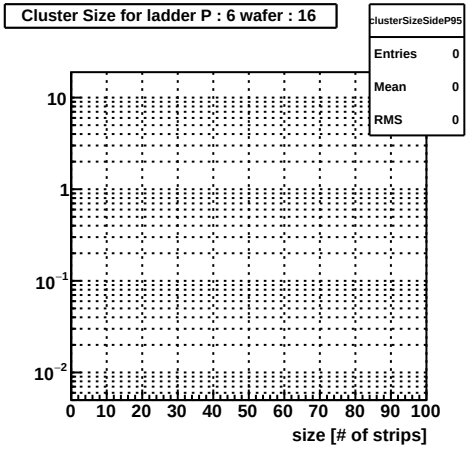

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

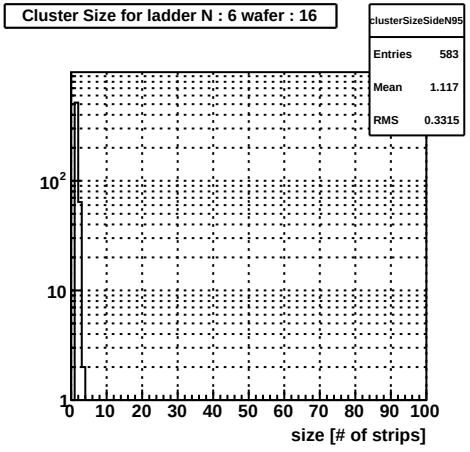

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 48
Mean 1
RMS 0
size [# of strips]

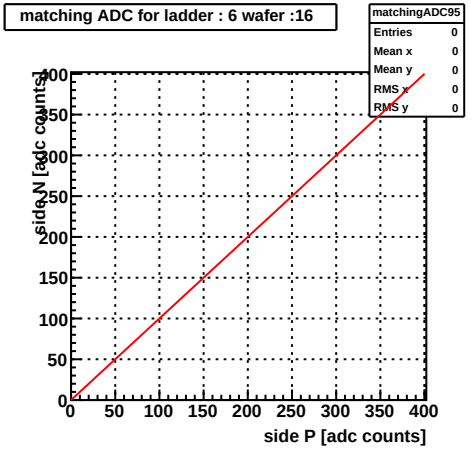

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

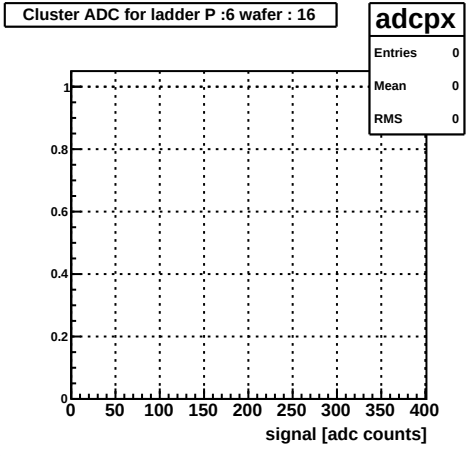

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

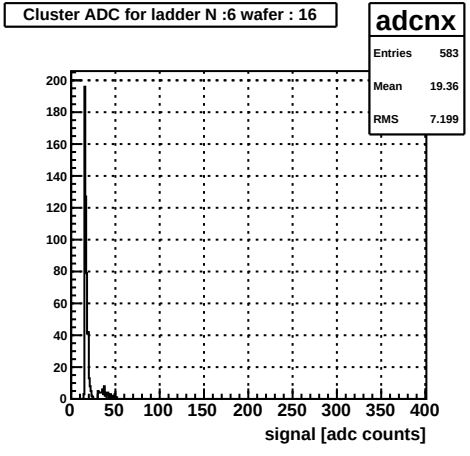

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 48
Mean 18.08
RMS 3.328
signal [adc counts]

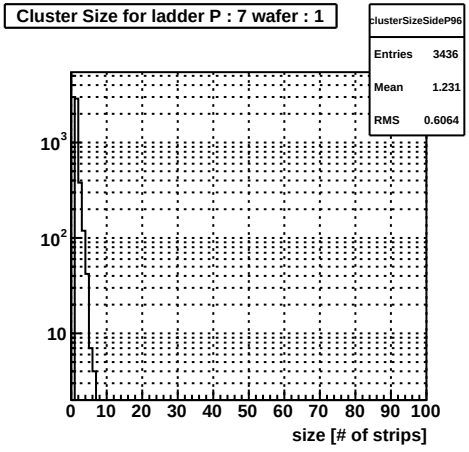

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

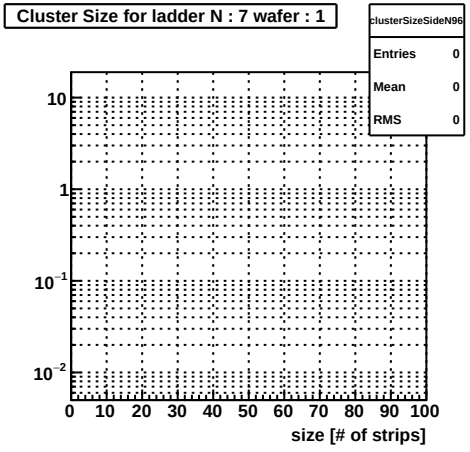

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 583
Mean 1.117
RMS 0.3315
size [# of strips]

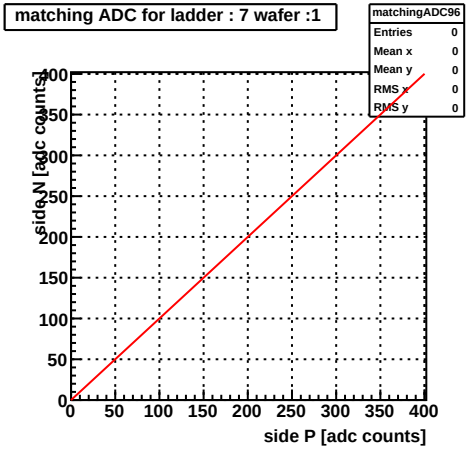

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

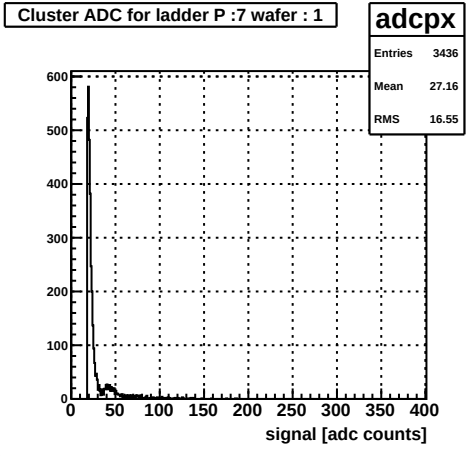

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

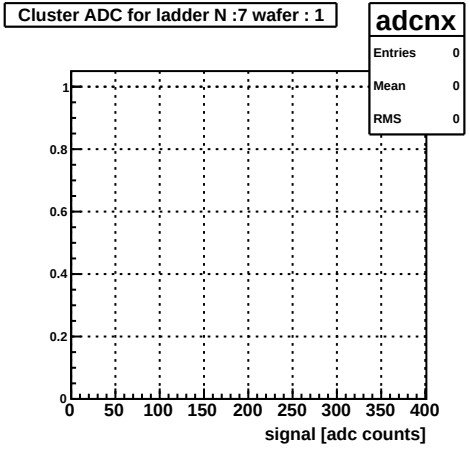

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 583
Mean 19.36
RMS 7.199
signal [adc counts]

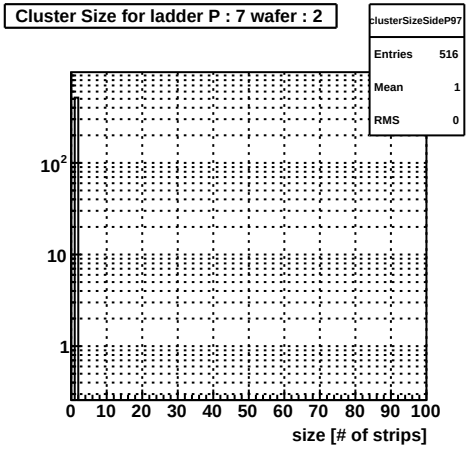

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 3436
Mean 1.231
RMS 0.6064
size [# of strips]

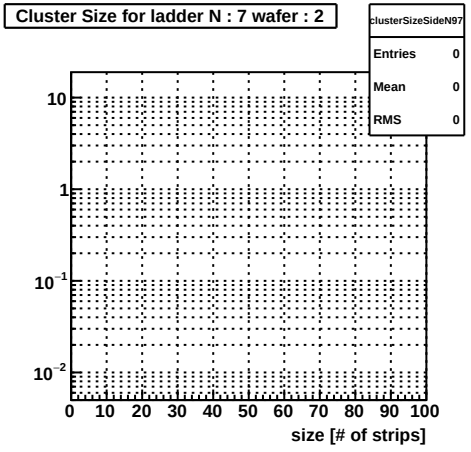

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

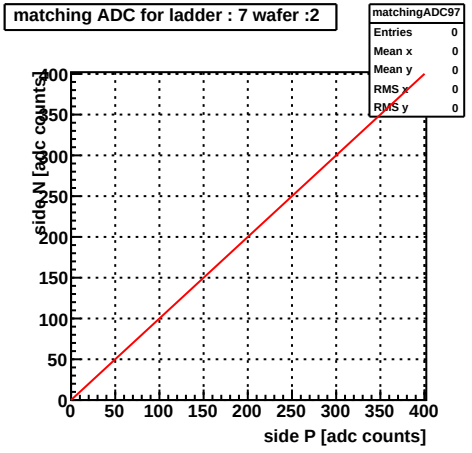

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

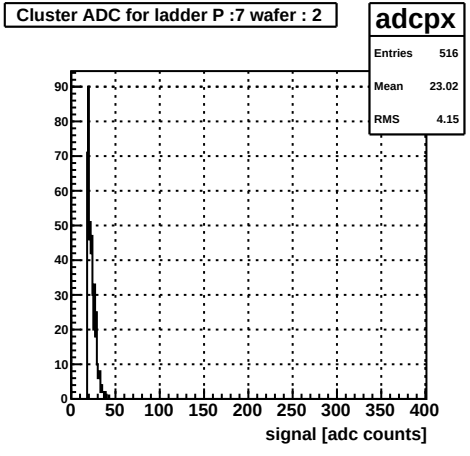

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 3436
Mean 27.16
RMS 16.55
signal [adc counts]

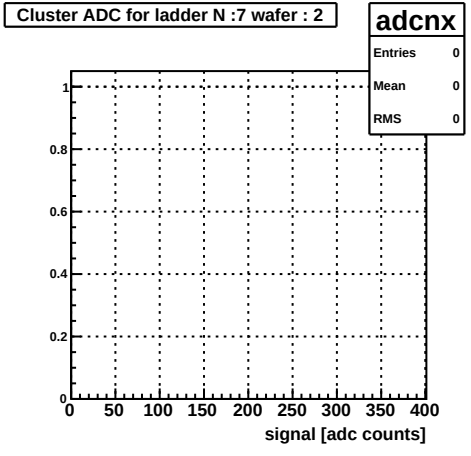

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

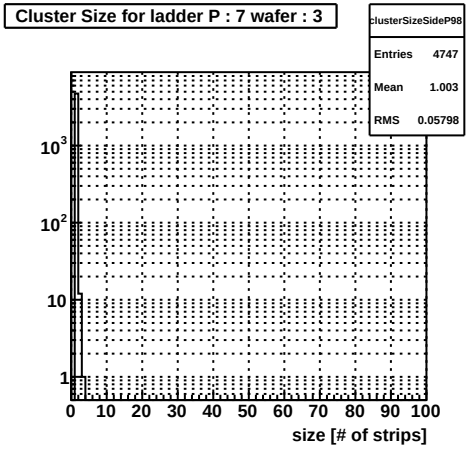

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 516
Mean 1
RMS 0
size [# of strips]

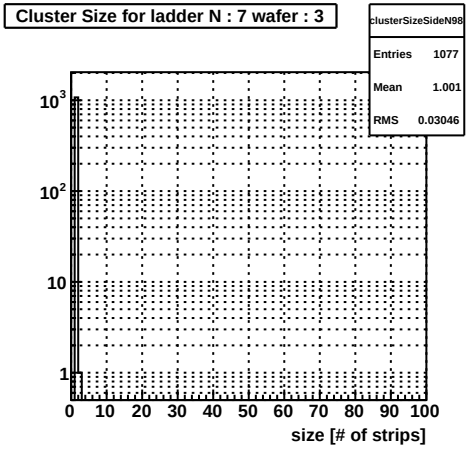

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

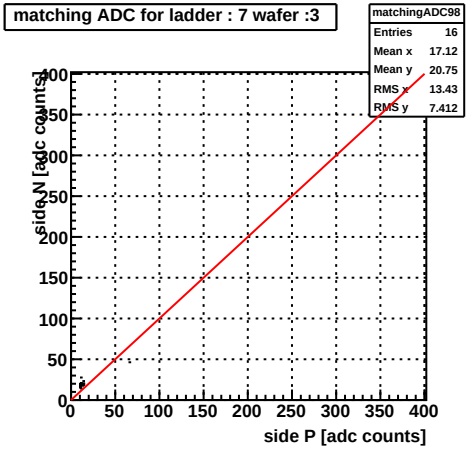

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

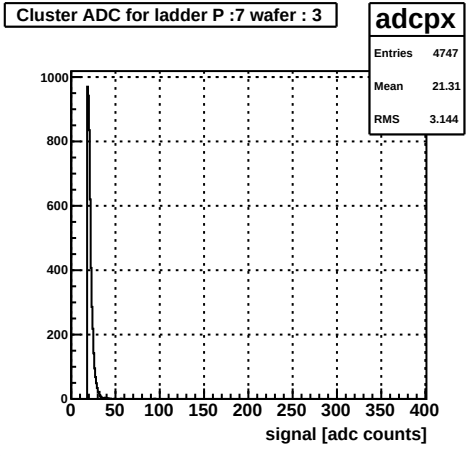

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 516
Mean 23.02
RMS 4.15
signal [adc counts]

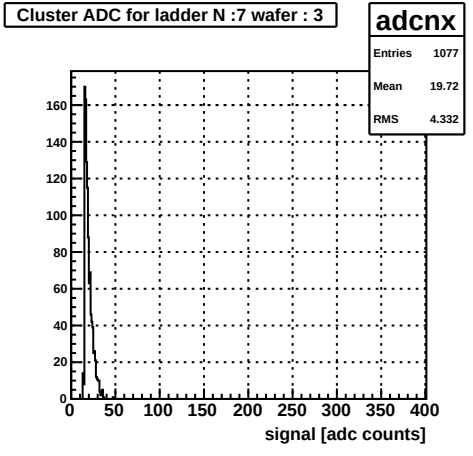

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

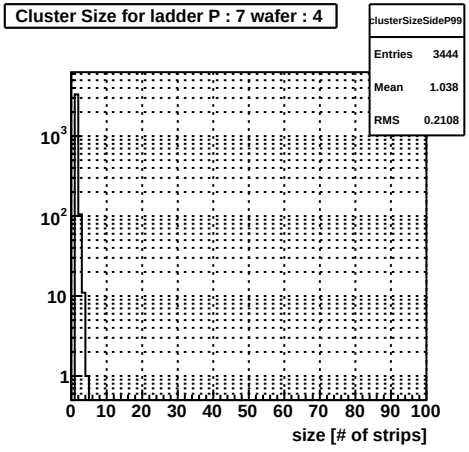

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 4747
Mean 1.003
RMS 0.05798
size [# of strips]

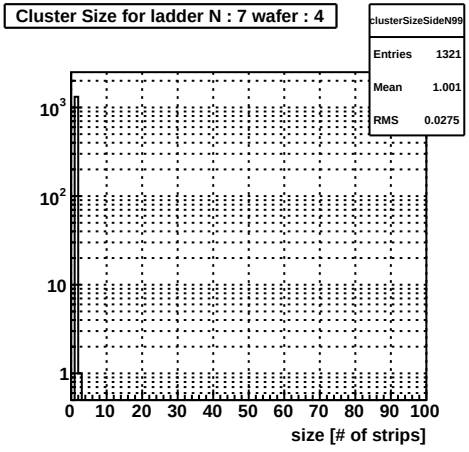

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1077
Mean 1.001
RMS 0.03046
size [# of strips]

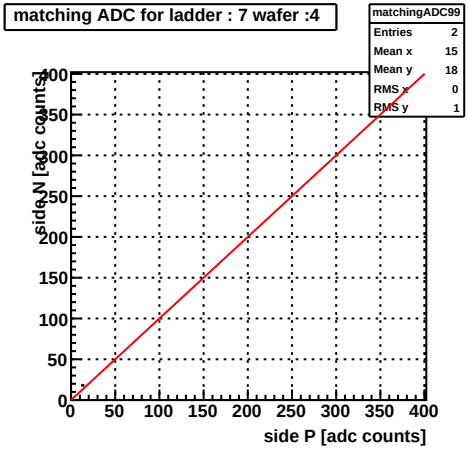

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 16
Mean x 17.12
Mean y 20.75
RMS x 13.43
RMS y 7.412
side N [adc counts]
side P [adc counts]

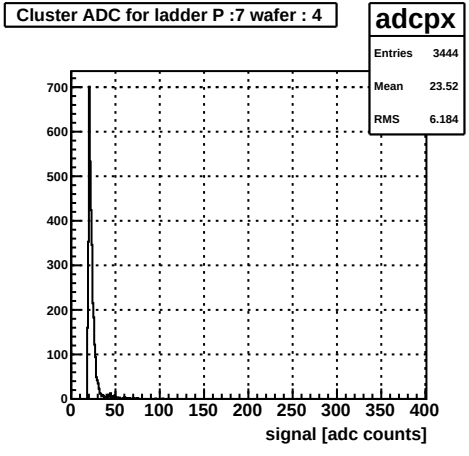

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 4747
Mean 21.31
RMS 3.144
signal [adc counts]

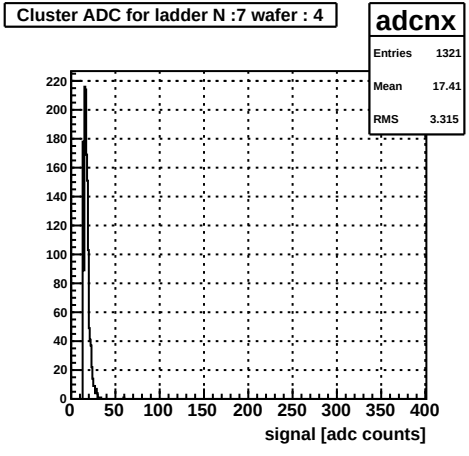

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1077
Mean 19.72
RMS 4.332
signal [adc counts]

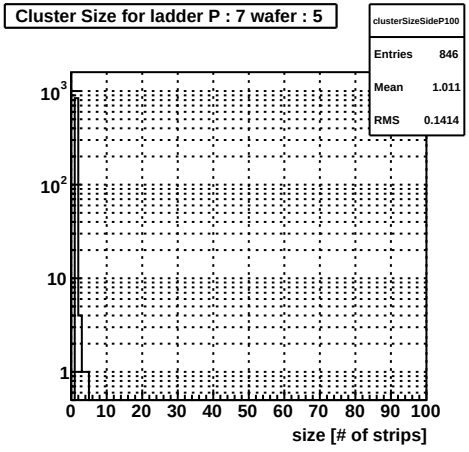

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3444
Mean 1.038
RMS 0.2108
size [# of strips]

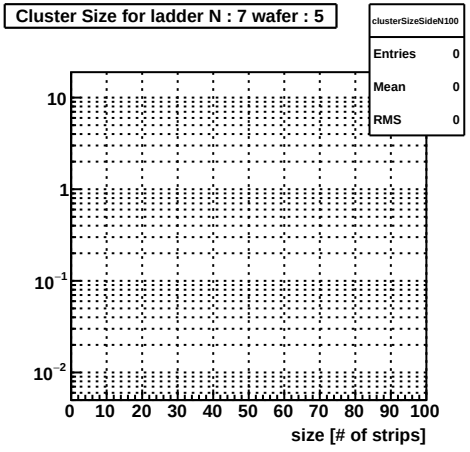

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1321
Mean 1.001
RMS 0.0275
size [# of strips]

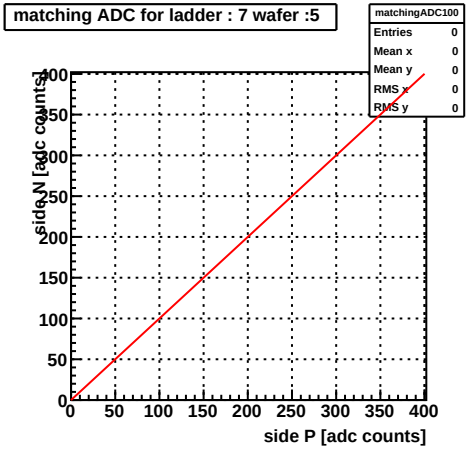

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2
Mean x 15
Mean y 18
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

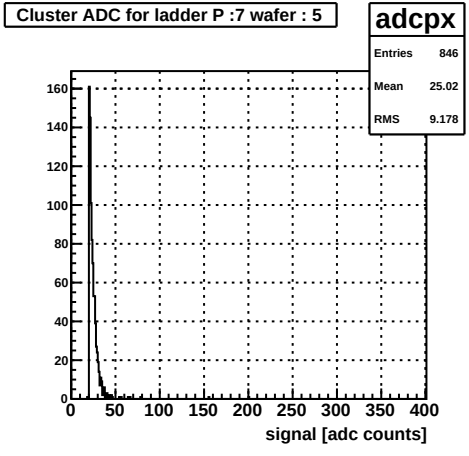

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3444
Mean 23.52
RMS 6.184
signal [adc counts]

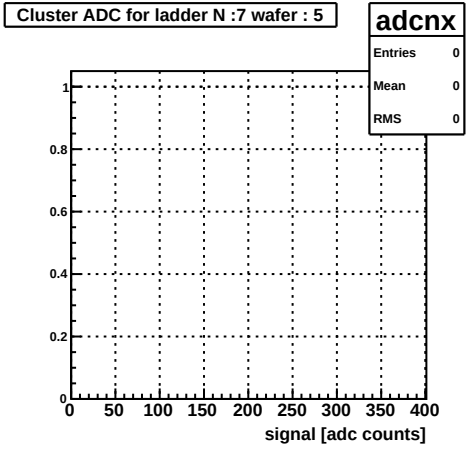

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1321
Mean 17.41
RMS 3.315
signal [adc counts]

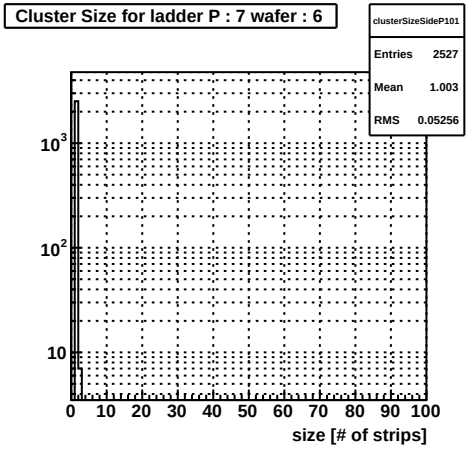

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 846
Mean 1.011
RMS 0.1414
size [# of strips]

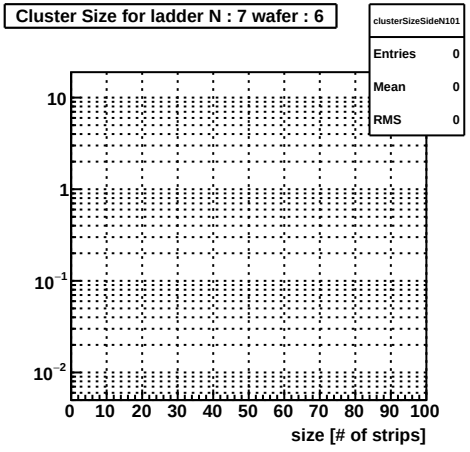

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

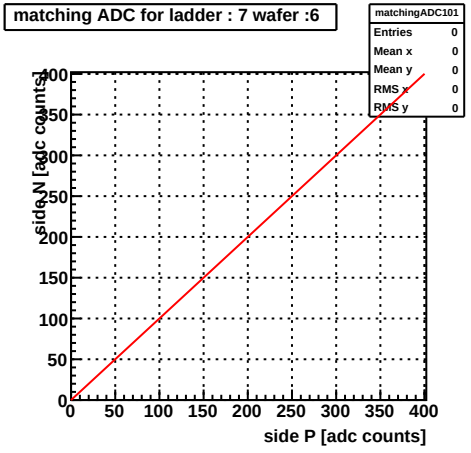

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

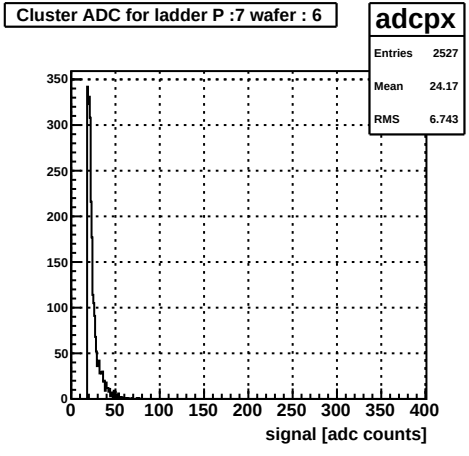

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 846
Mean 25.02
RMS 9.178
signal [adc counts]

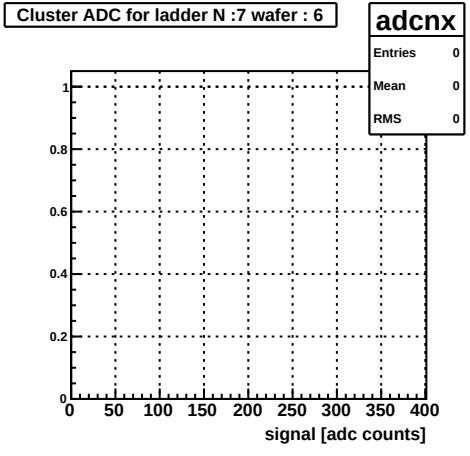

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

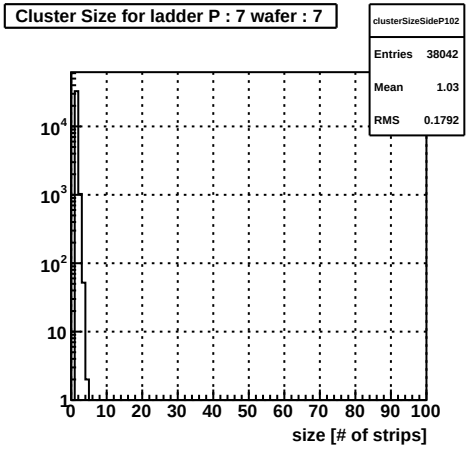

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2527
Mean 1.003
RMS 0.05256
size [# of strips]

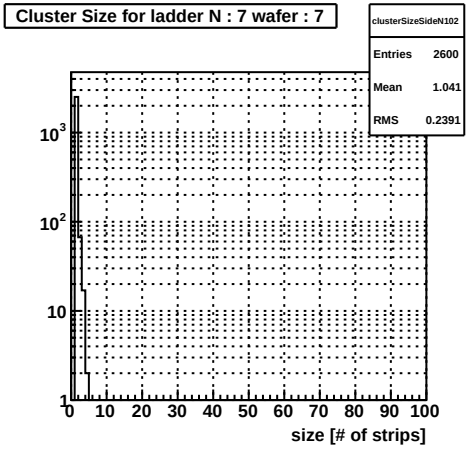

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

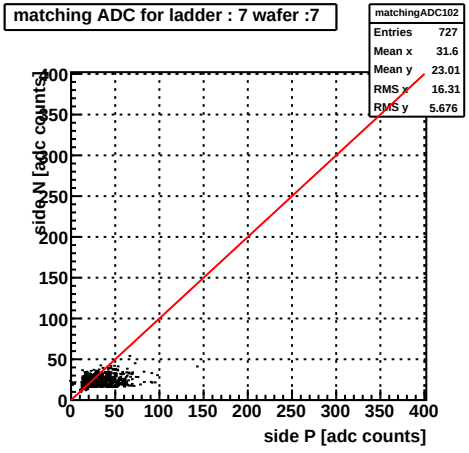

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

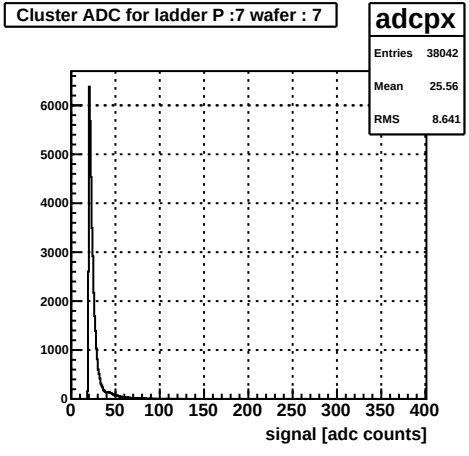

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2527
Mean 24.17
RMS 6.743
signal [adc counts]

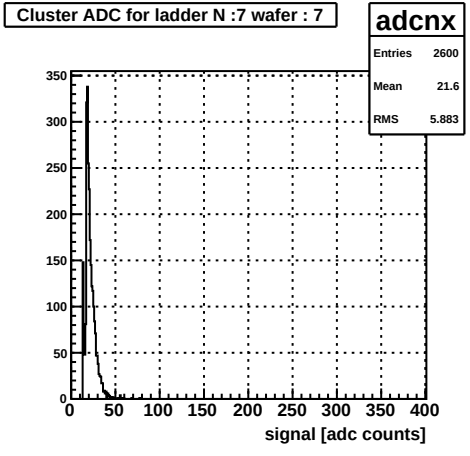

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

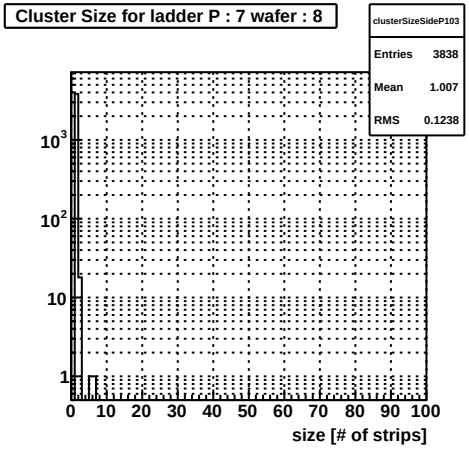

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 38042
Mean 1.03
RMS 0.1792
size [# of strips]

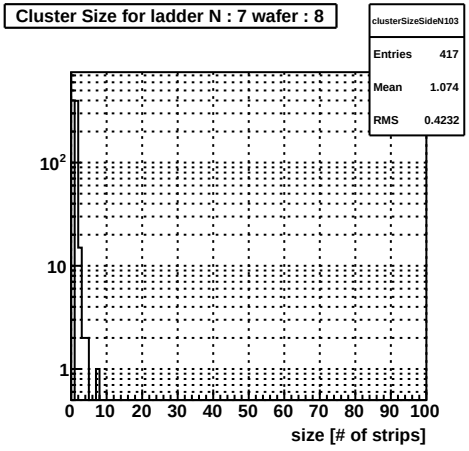

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2600
Mean 1.041
RMS 0.2391
size [# of strips]

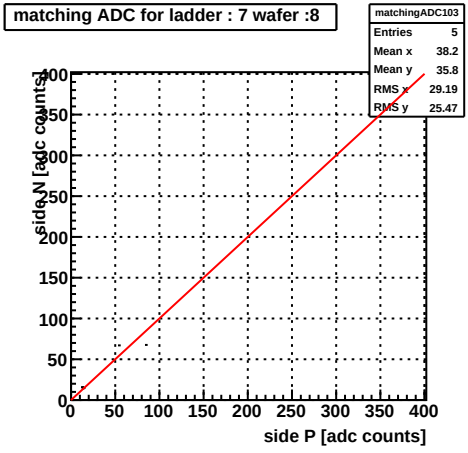

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 727
Mean x 31.6
Mean y 23.01
RMS x 16.31
RMS y 5.676
side N [adc counts]
side P [adc counts]

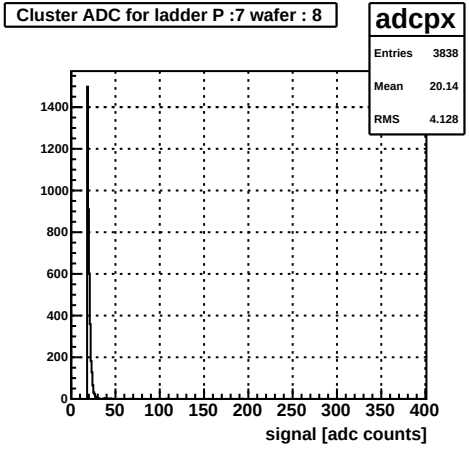

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 38042
Mean 25.56
RMS 8.641
signal [adc counts]

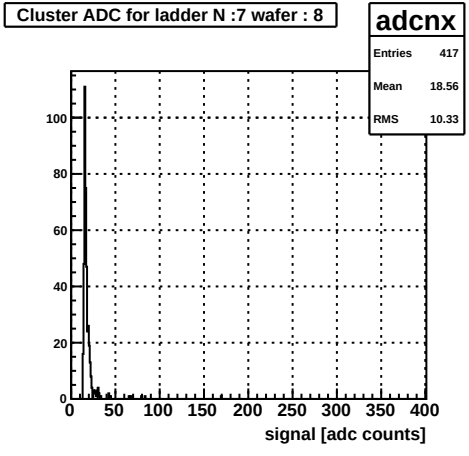

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2600
Mean 21.6
RMS 5.883
signal [adc counts]

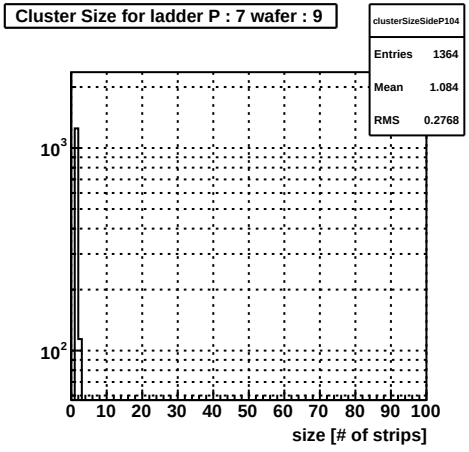

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3838
Mean 1.007
RMS 0.1238
size [# of strips]

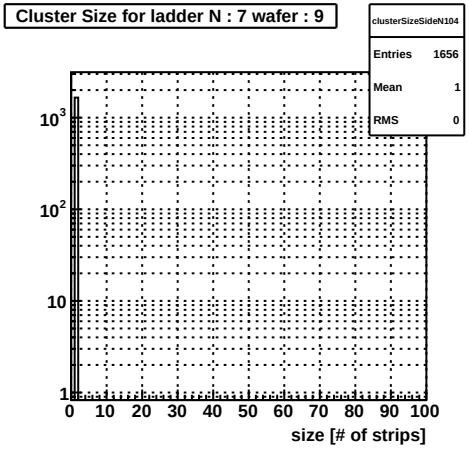

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 417
Mean 1.074
RMS 0.4232
size [# of strips]

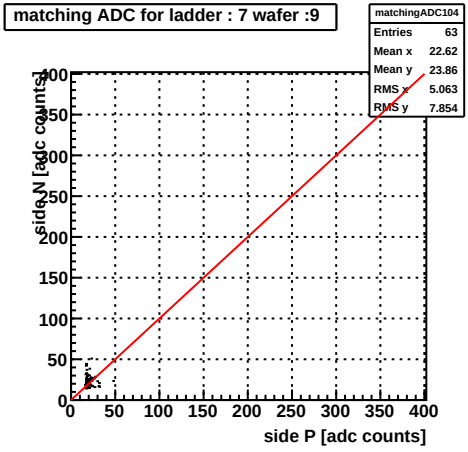

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 5
Mean x 38.2
Mean y 35.8
RMS x 29.19
RMS y 25.47
side N [adc counts]
side P [adc counts]

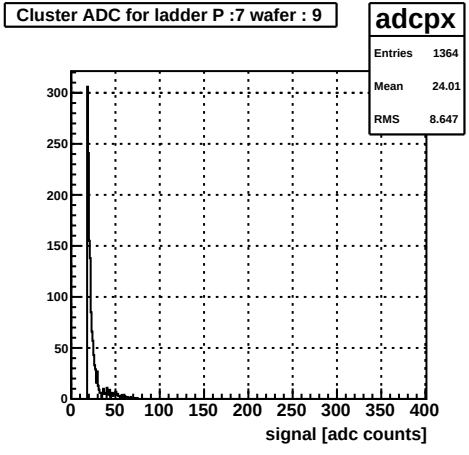

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3838
Mean 20.14
RMS 4.128
signal [adc counts]

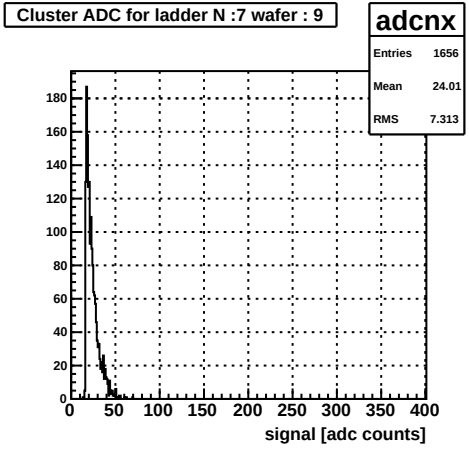

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 417
Mean 18.56
RMS 10.33
signal [adc counts]

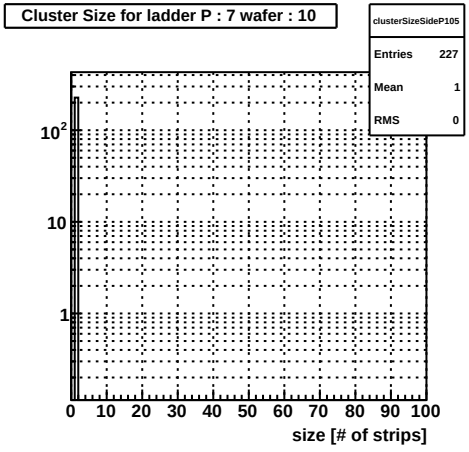

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 1364
Mean 1.084
RMS 0.2768
size [# of strips]

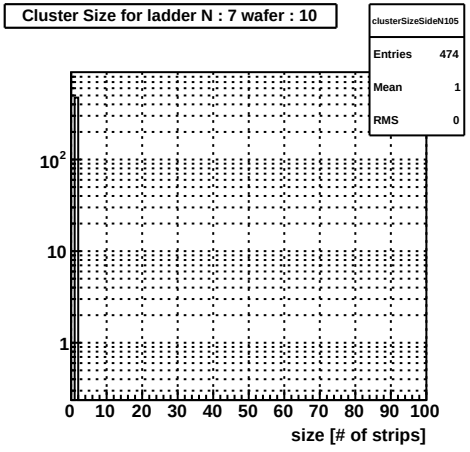

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1656
Mean 1
RMS 0
size [# of strips]

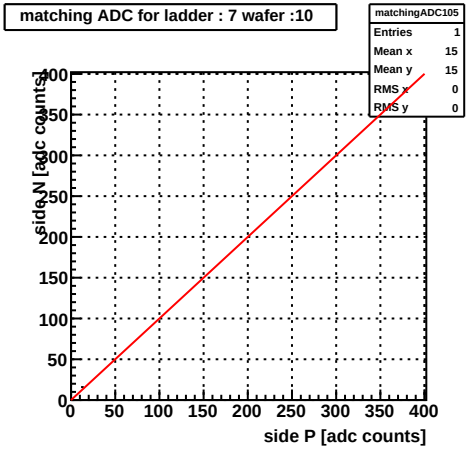

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 63
Mean x 22.62
Mean y 23.86
RMS x 5.063
RMS y 7.854
side N [adc counts]
side P [adc counts]

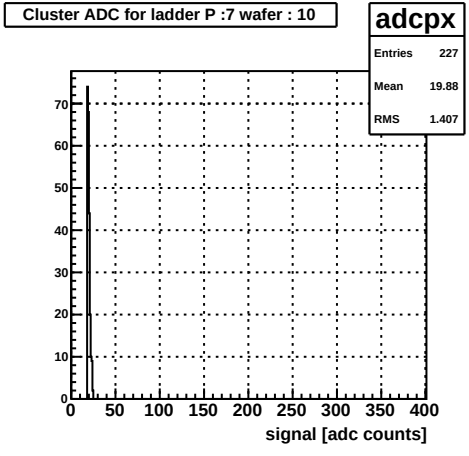

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 1364
Mean 24.01
RMS 8.647
signal [adc counts]

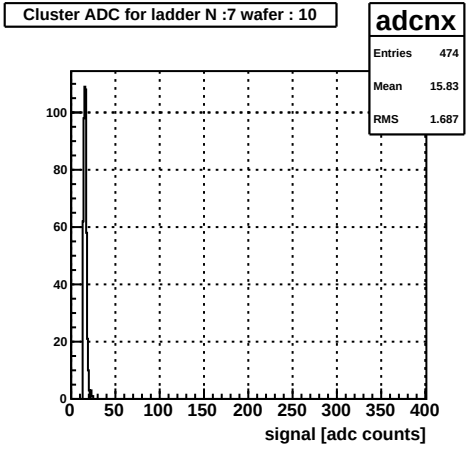

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1656
Mean 24.01
RMS 7.313
signal [adc counts]

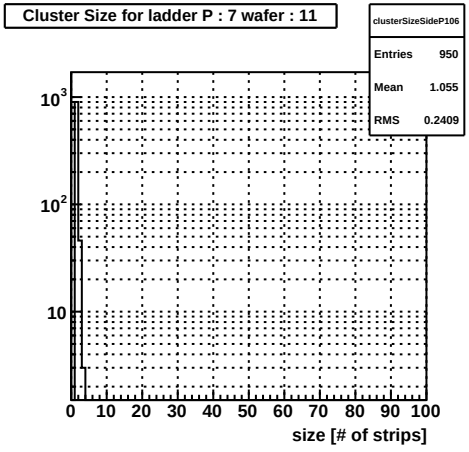

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 227
Mean 1
RMS 0
size [# of strips]

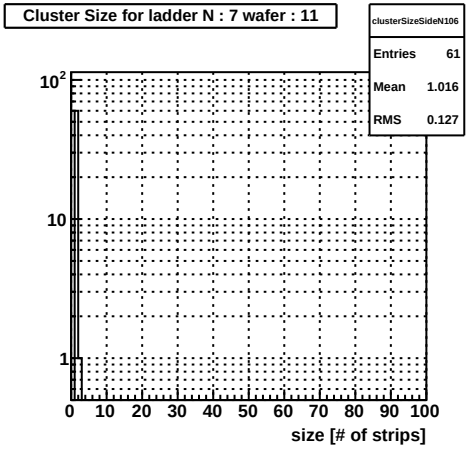

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 474
Mean 1
RMS 0
size [# of strips]

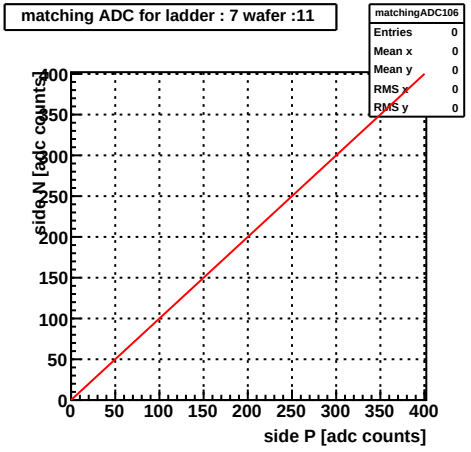

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

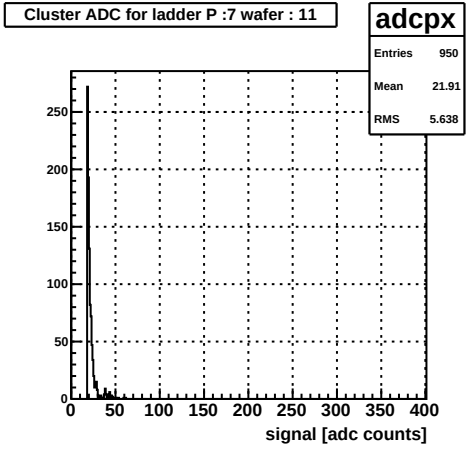

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 227
Mean 19.88
RMS 1.407
signal [adc counts]

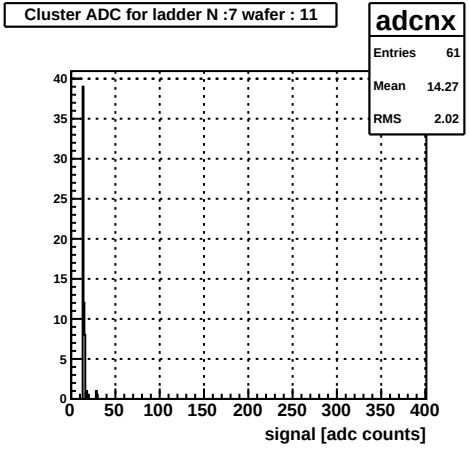

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 474
Mean 15.83
RMS 1.687
signal [adc counts]

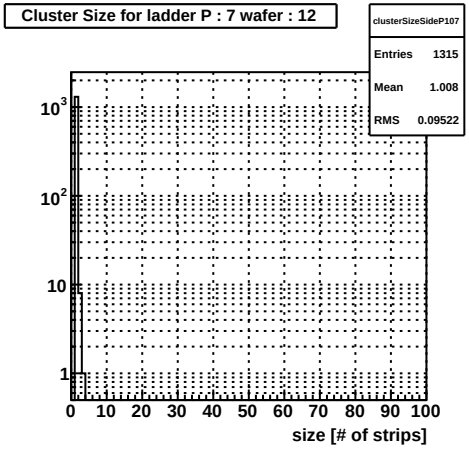

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 950
Mean 1.055
RMS 0.2409
size [# of strips]

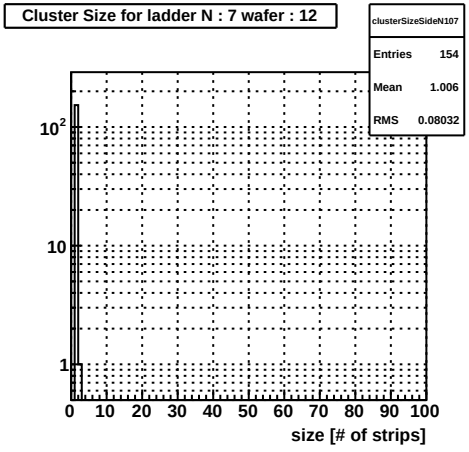

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 61
Mean 1.016
RMS 0.127
size [# of strips]

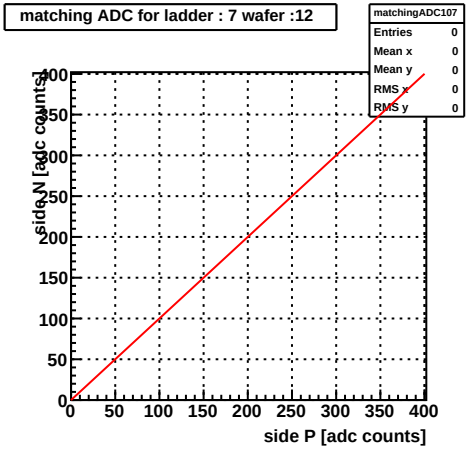

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

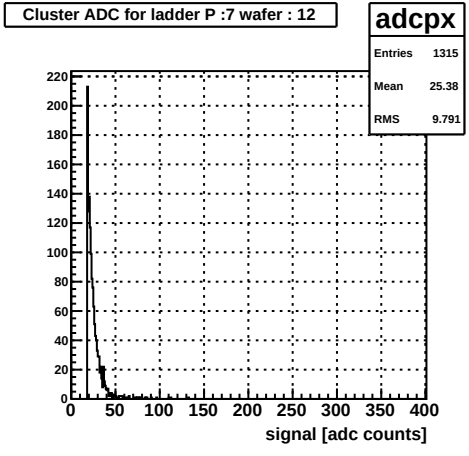

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 950
Mean 21.91
RMS 5.638
signal [adc counts]

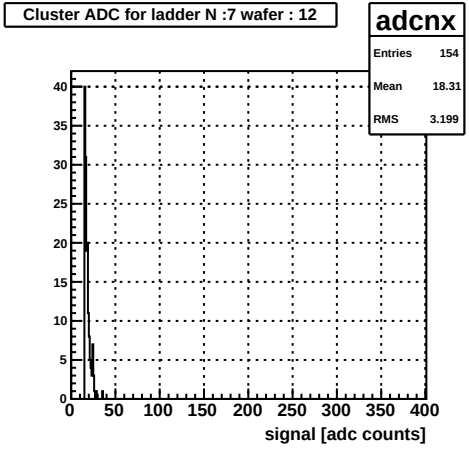

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 61
Mean 14.27
RMS 2.02
signal [adc counts]

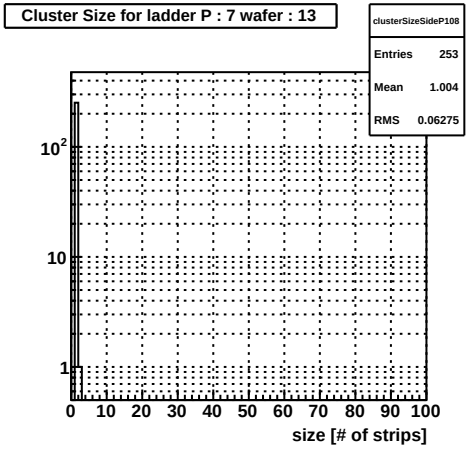

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1315
Mean 1.008
RMS 0.09522
size [# of strips]

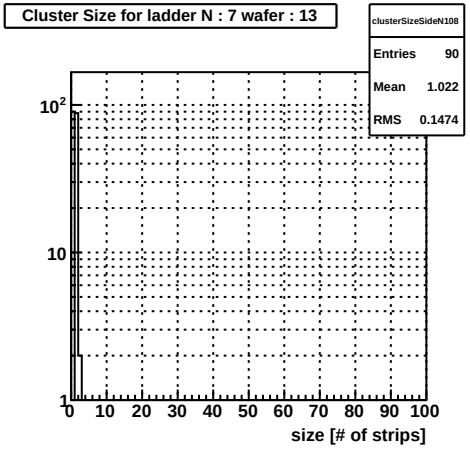

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 154
Mean 1.006
RMS 0.08032
size [# of strips]

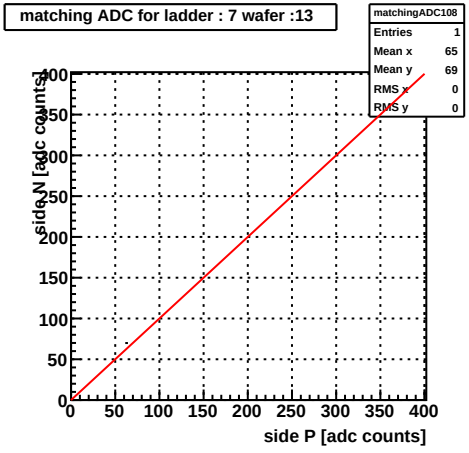

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

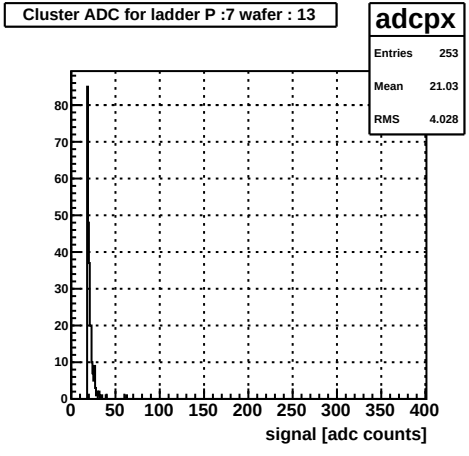

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1315
Mean 25.38
RMS 9.791
signal [adc counts]

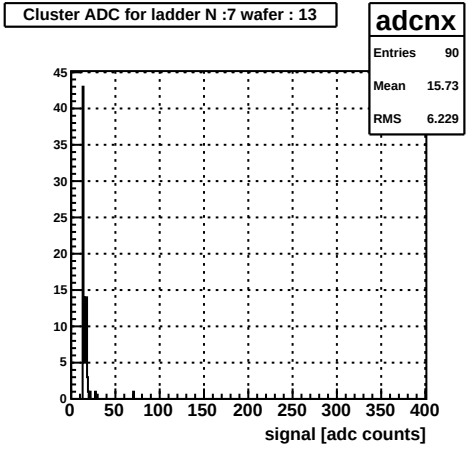

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 154
Mean 18.31
RMS 3.199
signal [adc counts]

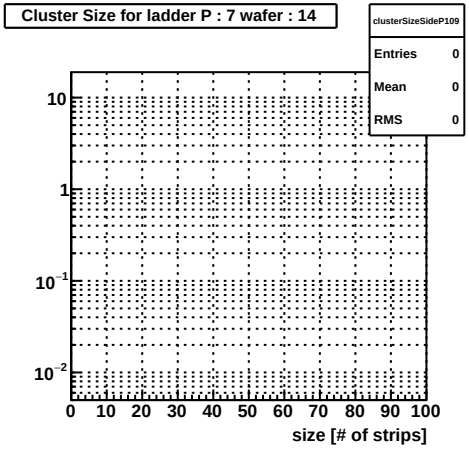

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 253
Mean 1.004
RMS 0.06275
size [# of strips]

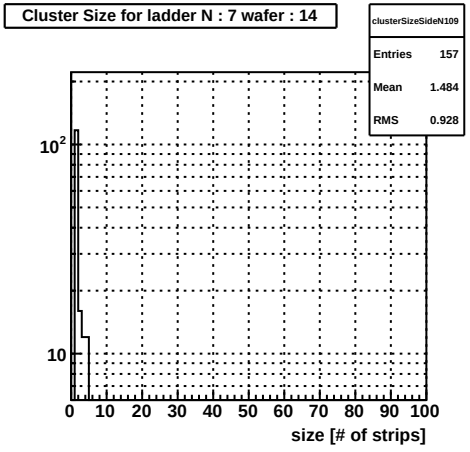

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 90
Mean 1.022
RMS 0.1474
size [# of strips]

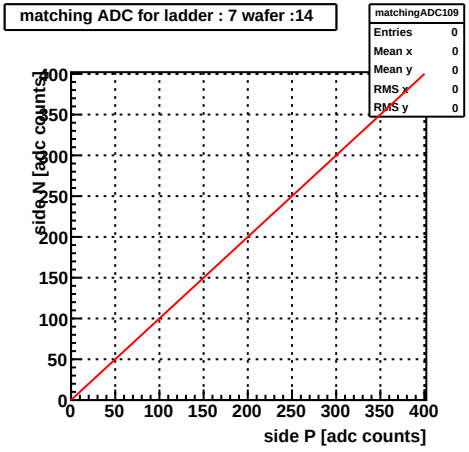

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1
Mean x 65
Mean y 69
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

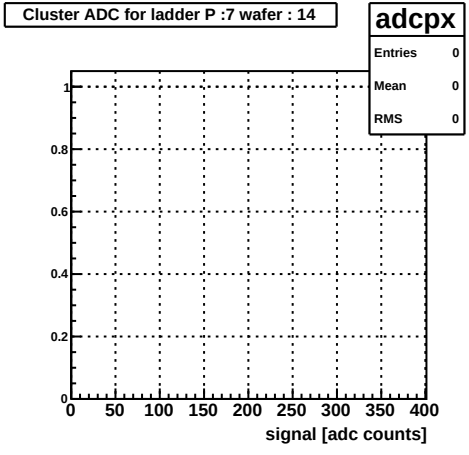

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 253
Mean 21.03
RMS 4.028
signal [adc counts]

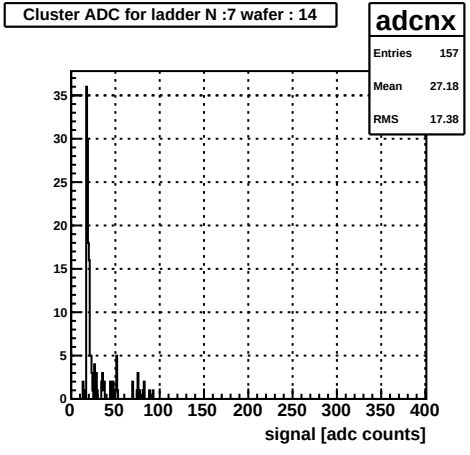

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 90
Mean 15.73
RMS 6.229
signal [adc counts]

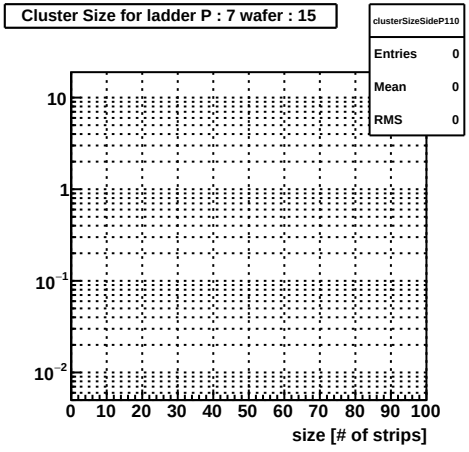

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

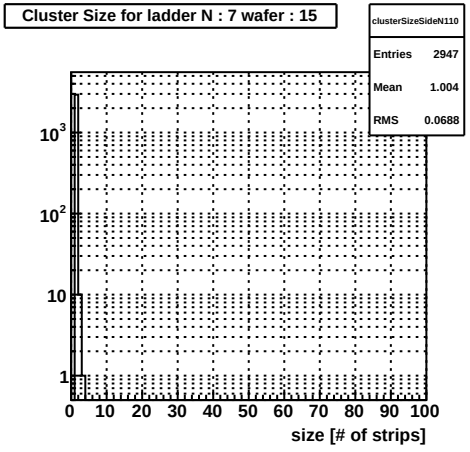

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 157
Mean 1.484
RMS 0.928
size [# of strips]

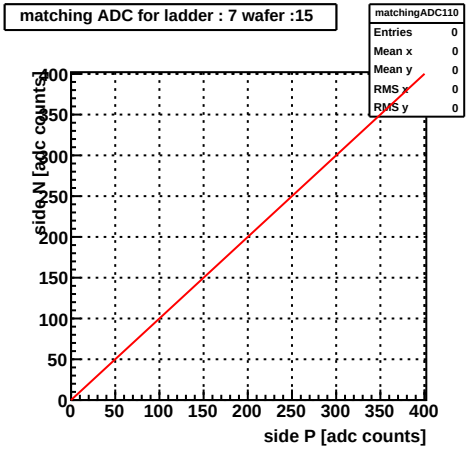

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

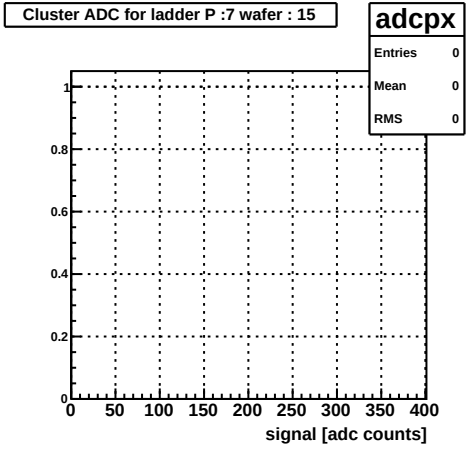

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

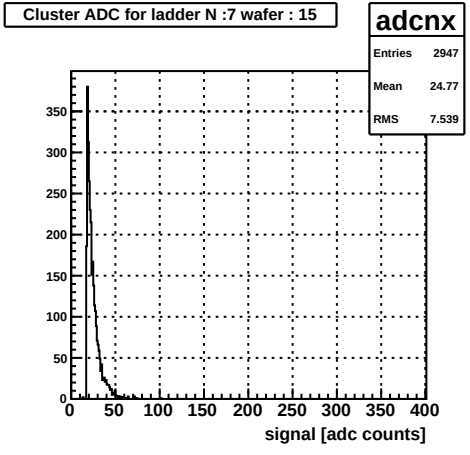

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 157
Mean 27.18
RMS 17.38
signal [adc counts]

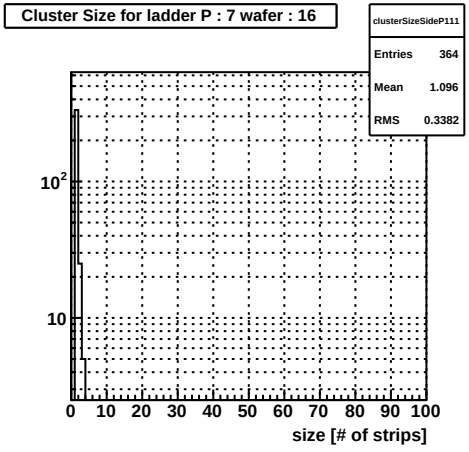

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

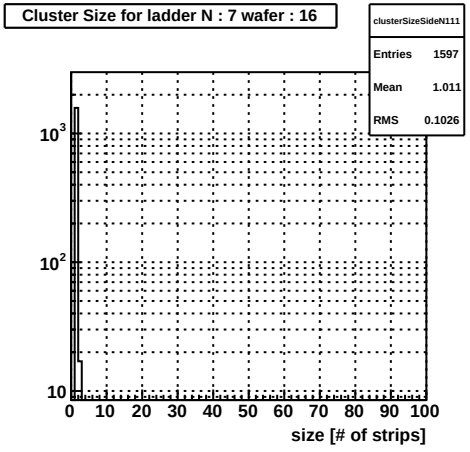

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2947
Mean 1.004
RMS 0.0688
size [# of strips]

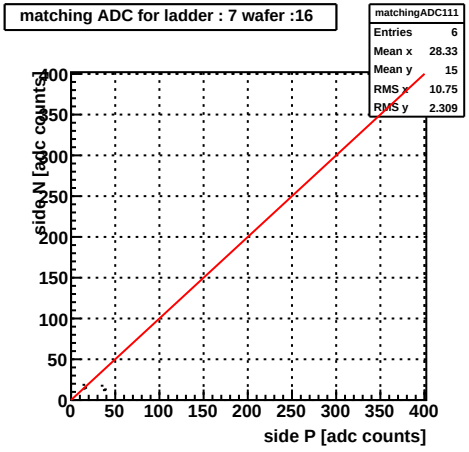

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

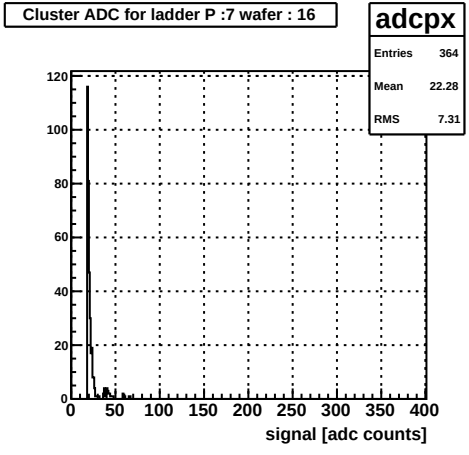

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

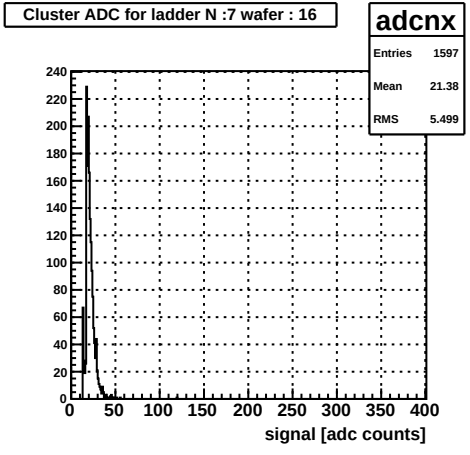

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2947
Mean 24.77
RMS 7.539
signal [adc counts]

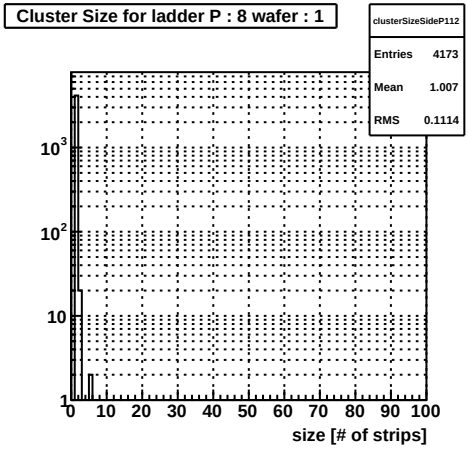

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 364
Mean 1.096
RMS 0.3382
size [# of strips]

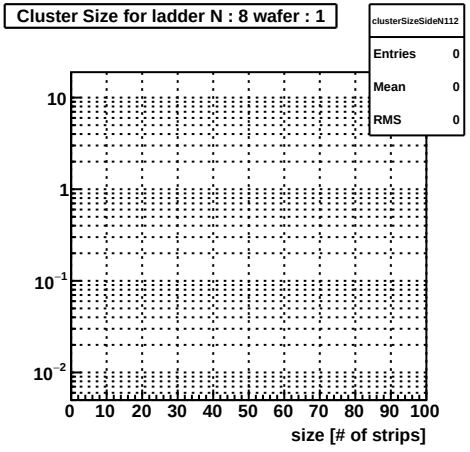

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1597
Mean 1.011
RMS 0.1026
size [# of strips]

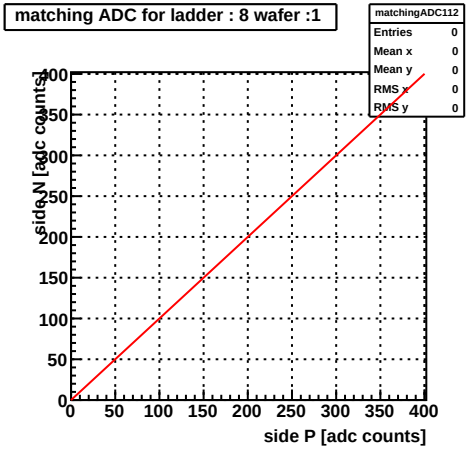

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 6
Mean x 28.33
Mean y 15
RMS x 10.75
RMS y 2.309
side N [adc counts]
side P [adc counts]

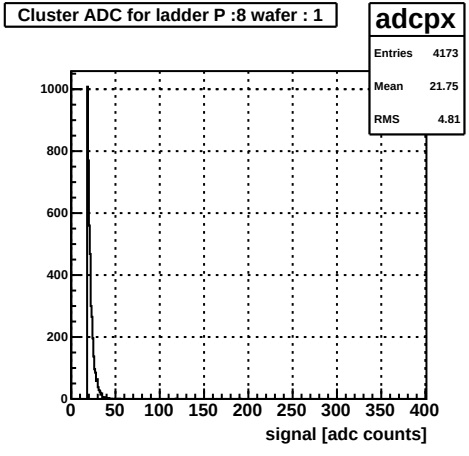

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 364
Mean 22.28
RMS 7.31
signal [adc counts]

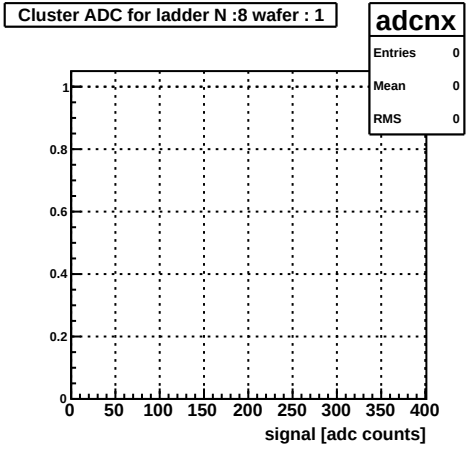

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1597
Mean 21.38
RMS 5.499
signal [adc counts]

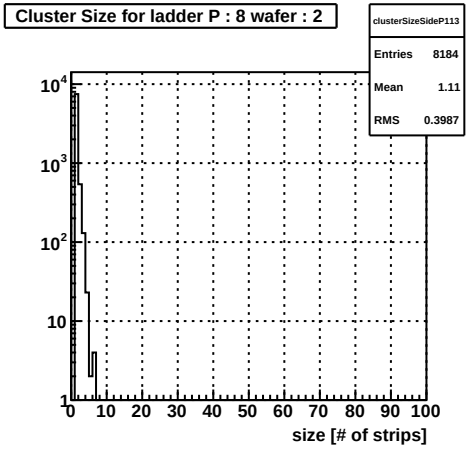

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 4173
Mean 1.007
RMS 0.1114
size [# of strips]

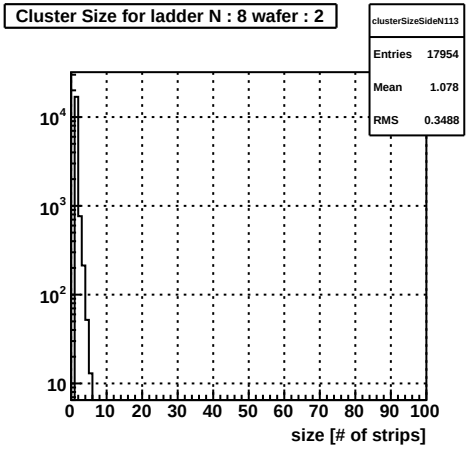

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

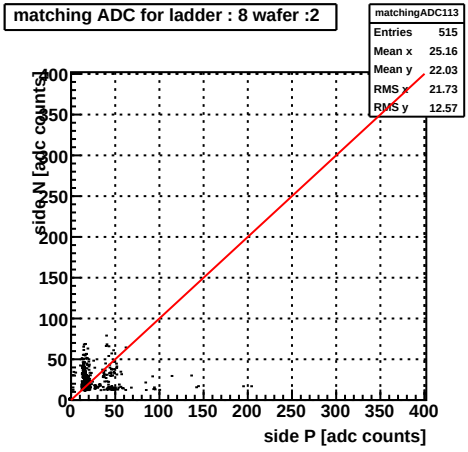

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

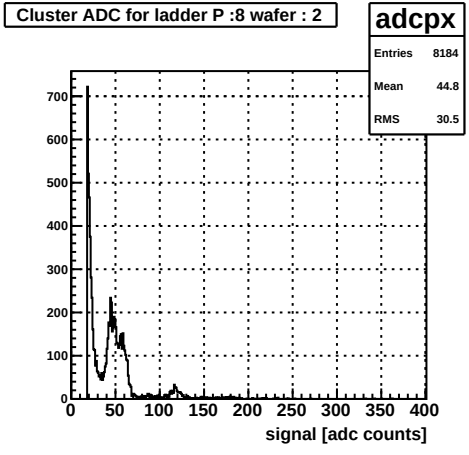

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 4173
Mean 21.75
RMS 4.81
signal [adc counts]

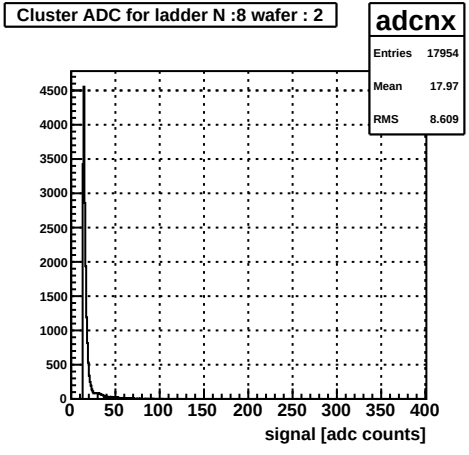

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

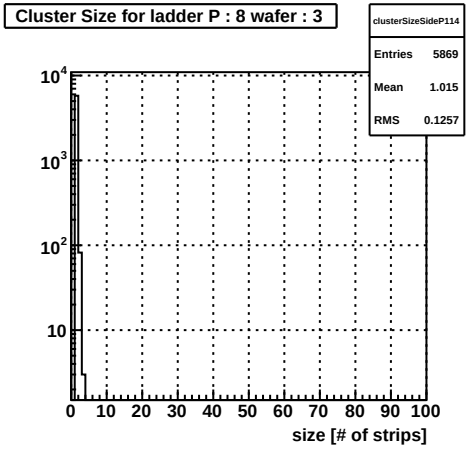

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8184
Mean 1.11
RMS 0.3987
size [# of strips]

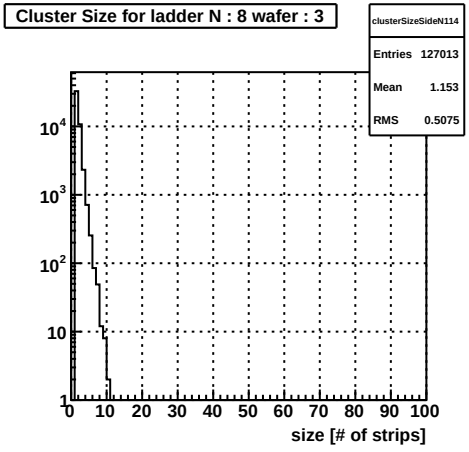

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 17954
Mean 1.078
RMS 0.3488
size [# of strips]

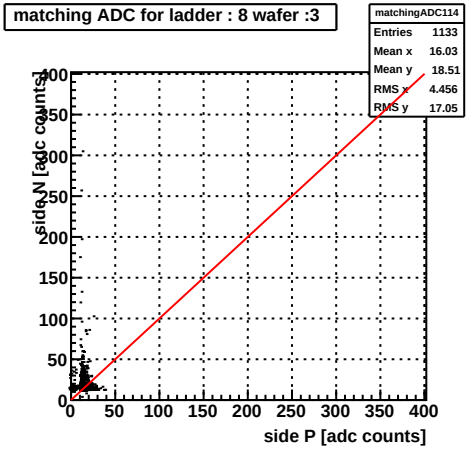

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 515
Mean x 25.16
Mean y 22.03
RMS x 21.73
RMS y 12.57
side N [adc counts]
side P [adc counts]

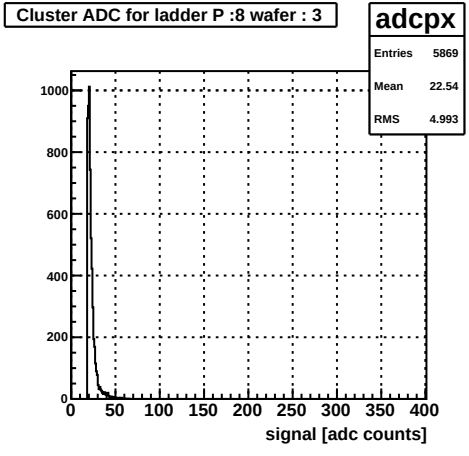

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8184
Mean 44.8
RMS 30.5
signal [adc counts]

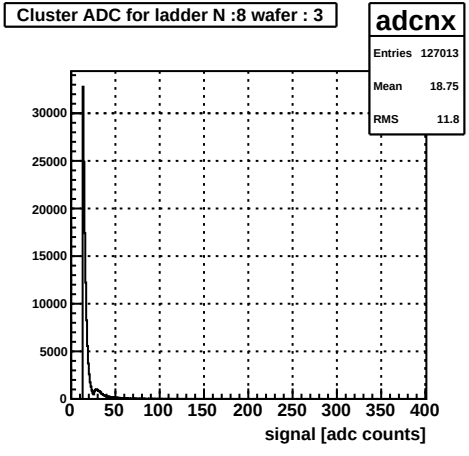

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 17954
Mean 17.97
RMS 8.609
signal [adc counts]

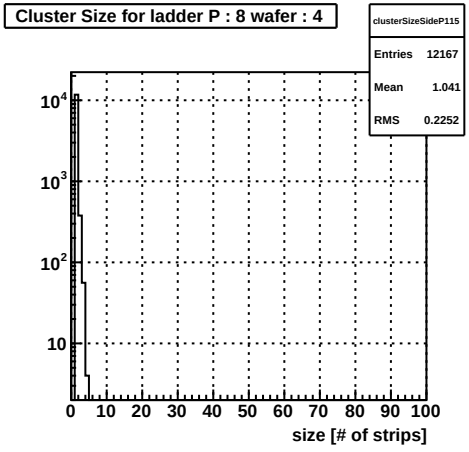

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5869
Mean 1.015
RMS 0.1257
size [# of strips]

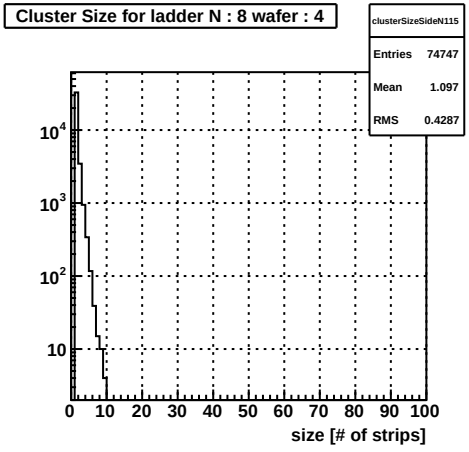

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 127013
Mean 1.153
RMS 0.5075
size [# of strips]

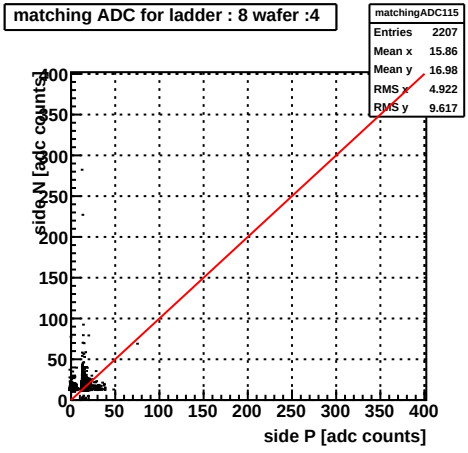

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1133
Mean x 16.03
Mean y 18.51
RMS x 4.456
RMS y 17.05
side N [adc counts]
side P [adc counts]

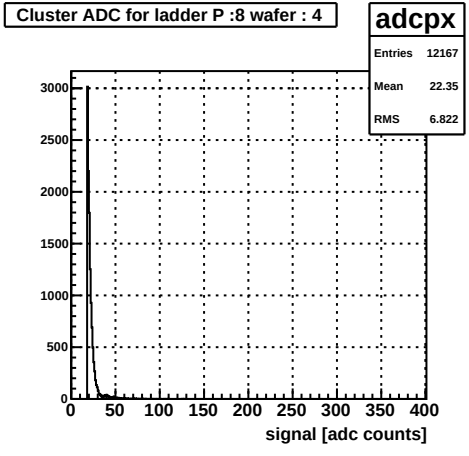

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5869
Mean 22.54
RMS 4.993
signal [adc counts]

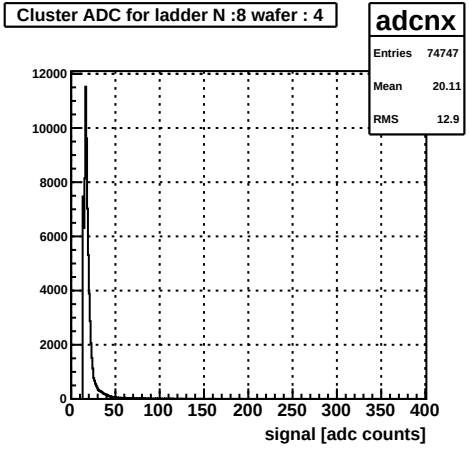

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 127013
Mean 18.75
RMS 11.8
signal [adc counts]

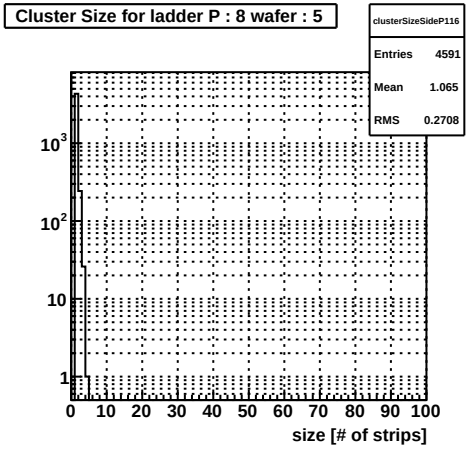

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12167
Mean 1.041
RMS 0.2252
size [# of strips]

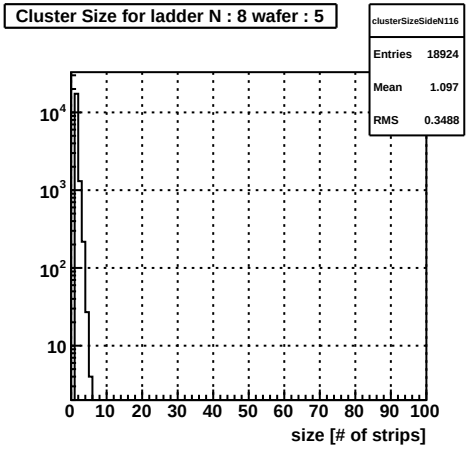

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 74747
Mean 1.097
RMS 0.4287
size [# of strips]

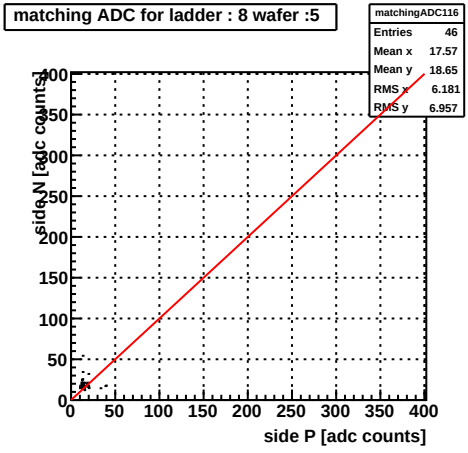

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 2207
Mean x 15.86
Mean y 16.98
RMS x 4.922
RMS y 9.617
side N [adc counts]
side P [adc counts]

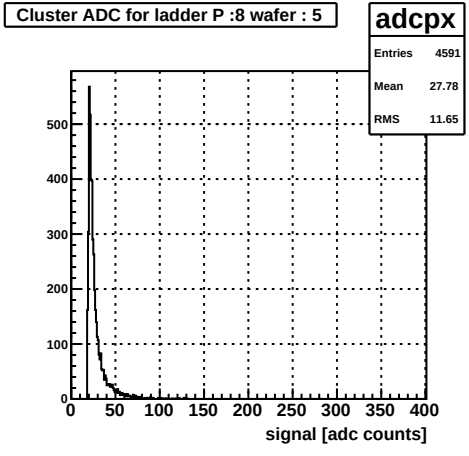

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12167
Mean 22.35
RMS 6.822
signal [adc counts]

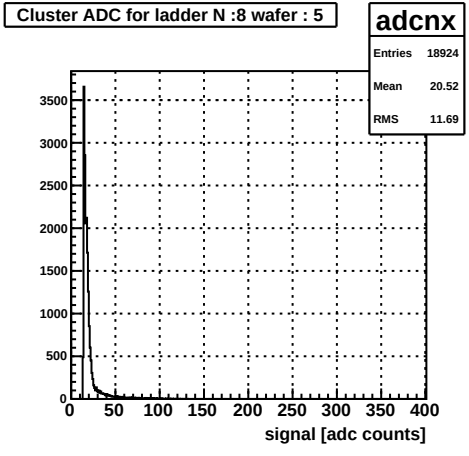

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 74747
Mean 20.11
RMS 12.9
signal [adc counts]

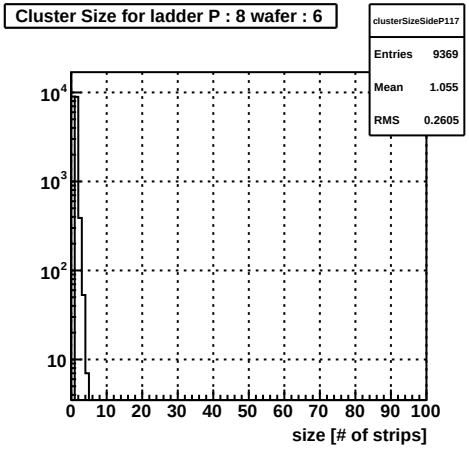

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4591
Mean 1.065
RMS 0.2708
size [# of strips]

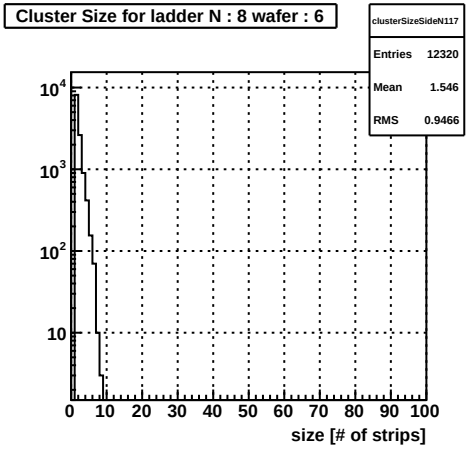

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 18924
Mean 1.097
RMS 0.3488
size [# of strips]

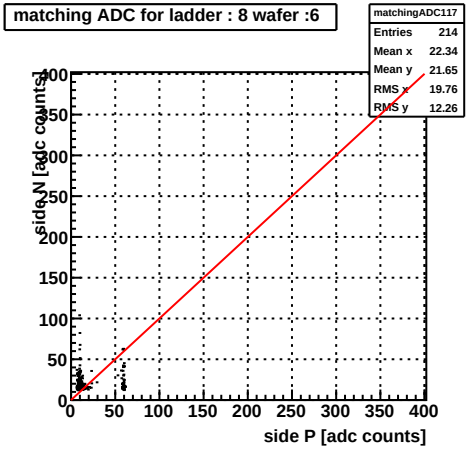

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 46
Mean x 17.57
Mean y 18.65
RMS x 6.181
RMS y 6.957
side N [adc counts]
side P [adc counts]

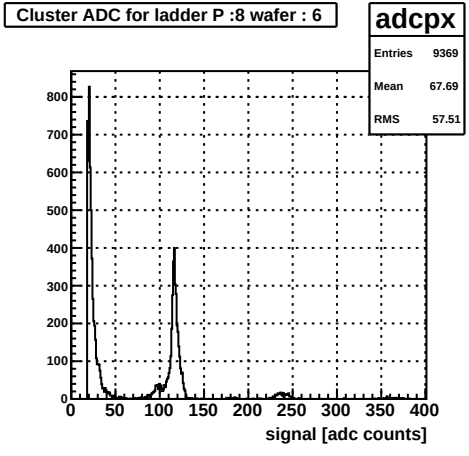

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4591
Mean 27.78
RMS 11.65
signal [adc counts]

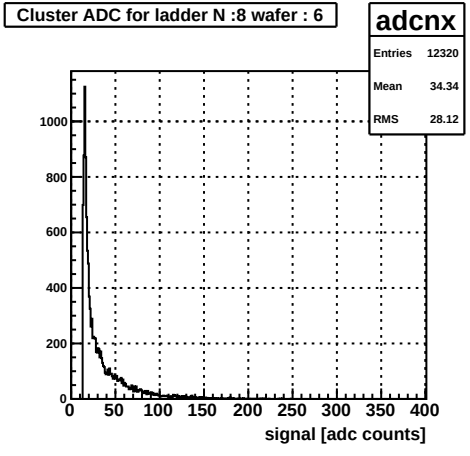

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 18924
Mean 20.52
RMS 11.69
signal [adc counts]

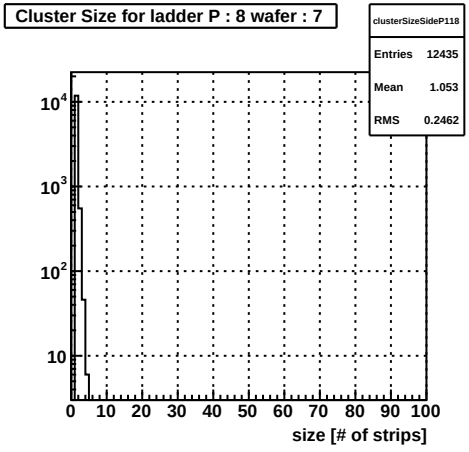

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9369
Mean 1.055
RMS 0.2605
size [# of strips]

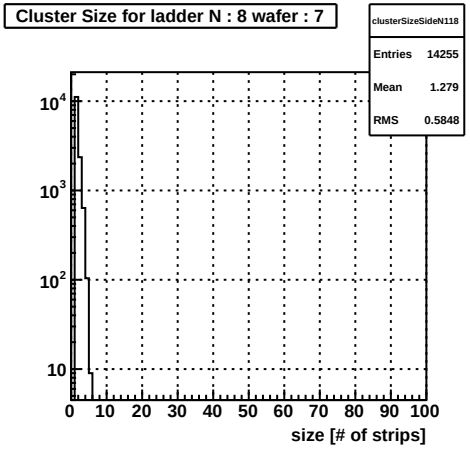

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 12320
Mean 1.546
RMS 0.9466
size [# of strips]

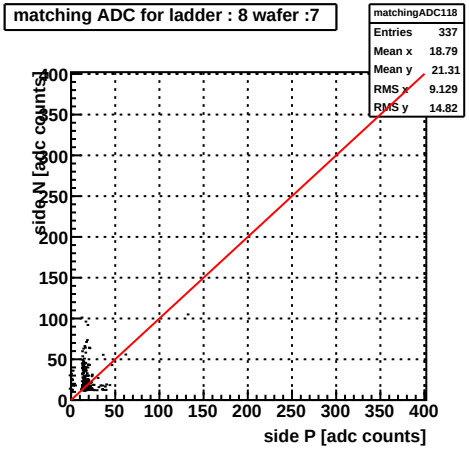

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 214
Mean x 22.34
Mean y 21.65
RMS x 19.76
RMS y 12.26
side N [adc counts]
side P [adc counts]

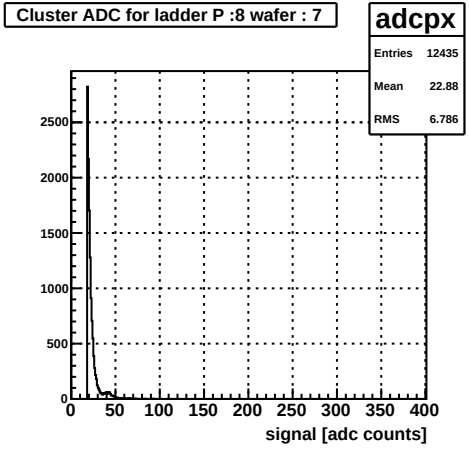

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9369
Mean 67.69
RMS 57.51
signal [adc counts]

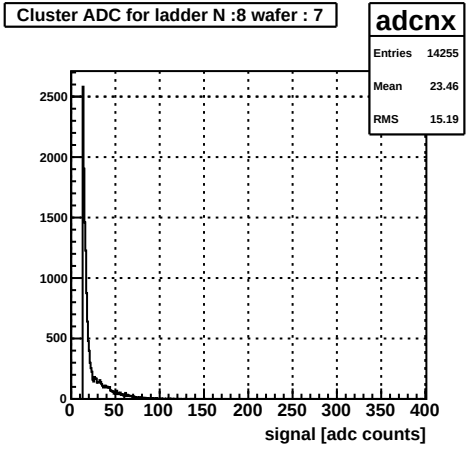

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 12320
Mean 34.34
RMS 28.12
signal [adc counts]

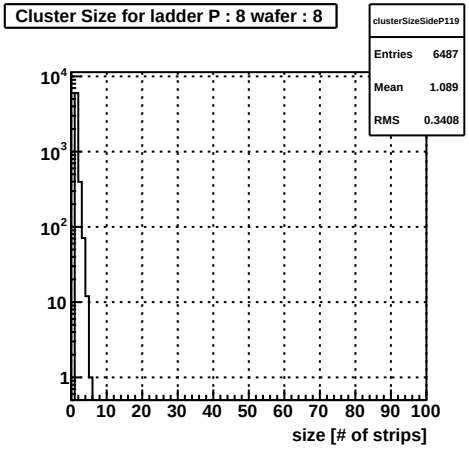

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12435
Mean 1.053
RMS 0.2462
size [# of strips]

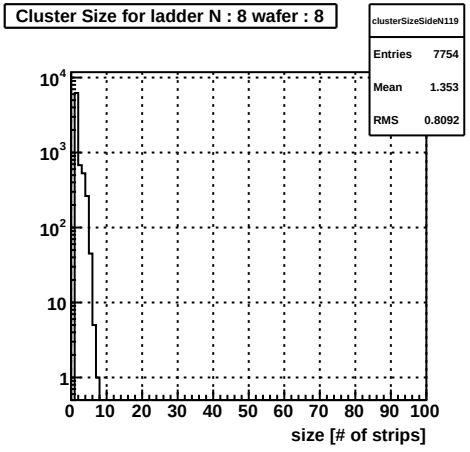

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 14255
Mean 1.279
RMS 0.5848
size [# of strips]

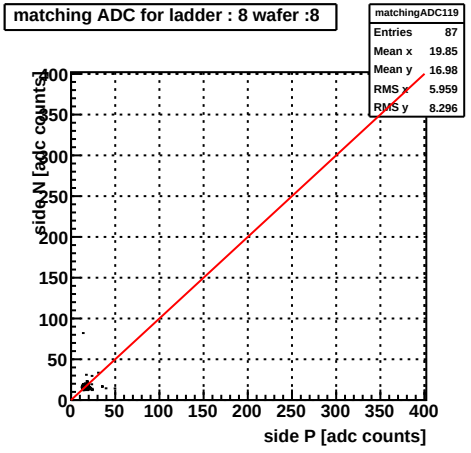

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 337
Mean x 18.79
Mean y 21.31
RMS x 9.129
RMS y 14.82
side N [adc counts]
side P [adc counts]

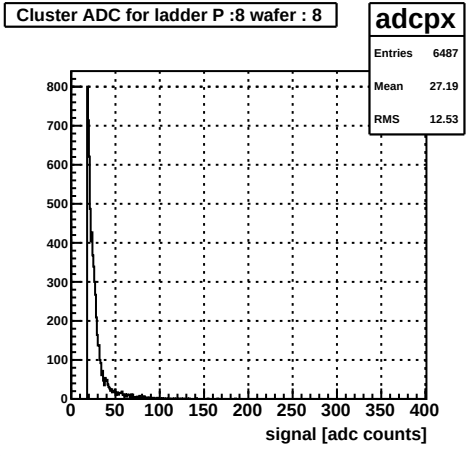

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12435
Mean 22.88
RMS 6.786
signal [adc counts]

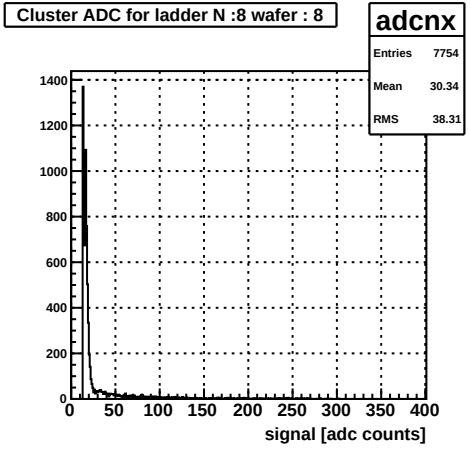

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 14255
Mean 23.46
RMS 15.19
signal [adc counts]

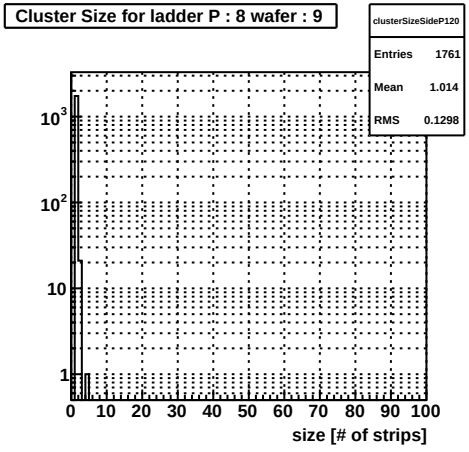

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6487
Mean 1.089
RMS 0.3408
size [# of strips]

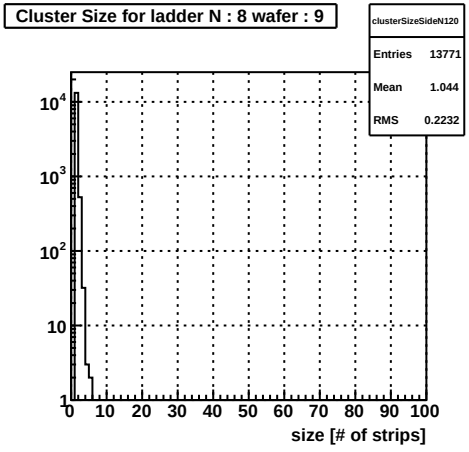

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7754
Mean 1.353
RMS 0.8092
size [# of strips]

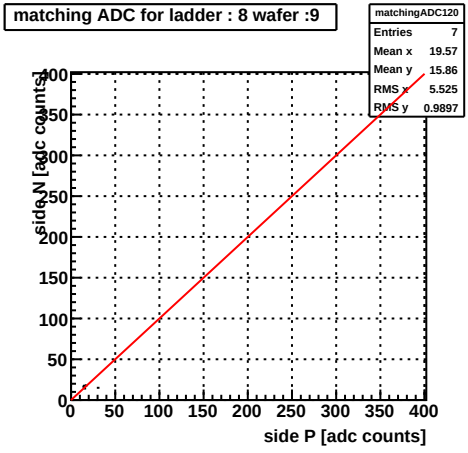

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 87
Mean x 19.85
Mean y 16.98
RMS x 5.959
RMS y 8.296
side N [adc counts]
side P [adc counts]

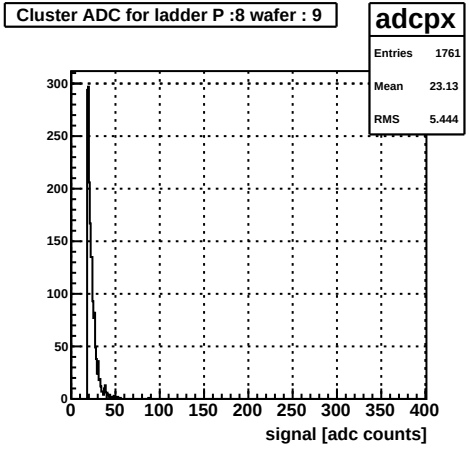

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6487
Mean 27.19
RMS 12.53
signal [adc counts]

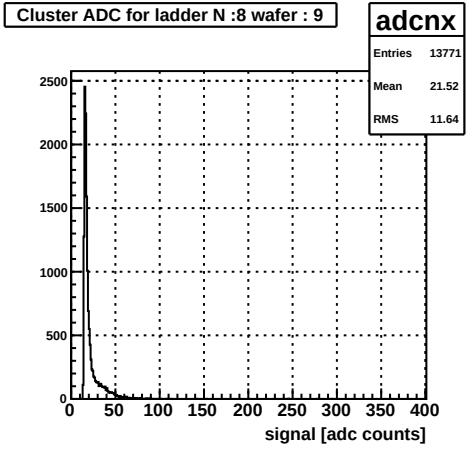

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7754
Mean 30.34
RMS 38.31
signal [adc counts]

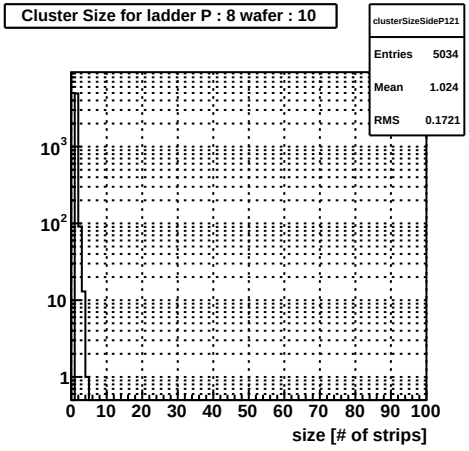

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1761
Mean 1.014
RMS 0.1298
size [# of strips]

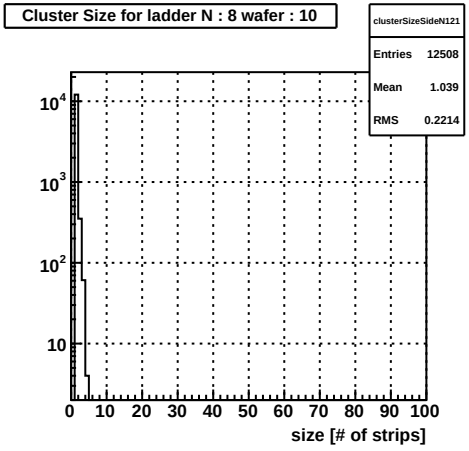

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 13771
Mean 1.044
RMS 0.2232
size [# of strips]

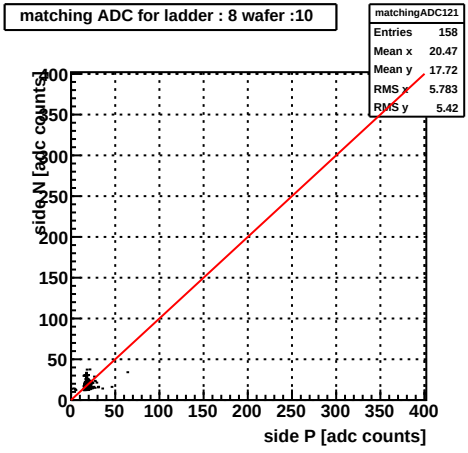

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 7
Mean x 19.57
Mean y 15.86
RMS x 5.525
RMS y 0.9897
side N [adc counts]
side P [adc counts]

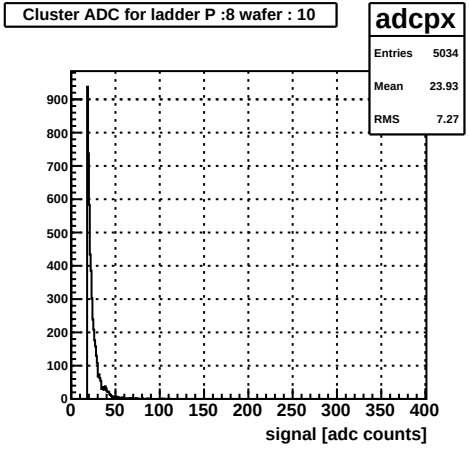

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1761
Mean 23.13
RMS 5.444
signal [adc counts]

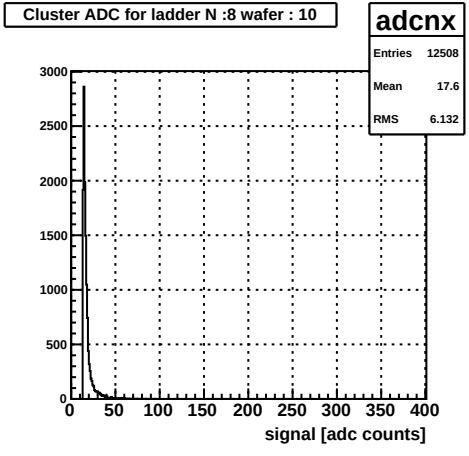

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 13771
Mean 21.52
RMS 11.64
signal [adc counts]

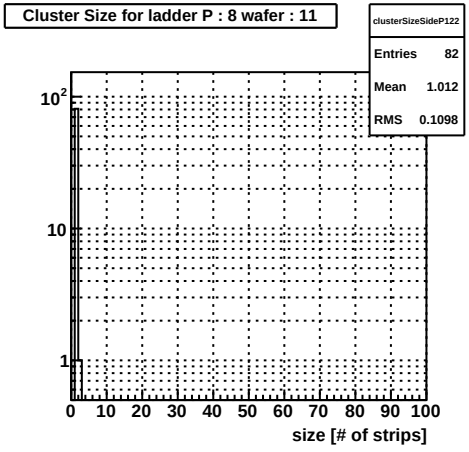

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5034
Mean 1.024
RMS 0.1721
size [# of strips]

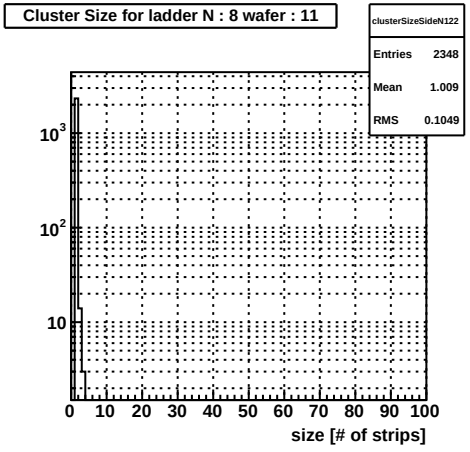

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 12508
Mean 1.039
RMS 0.2214
size [# of strips]

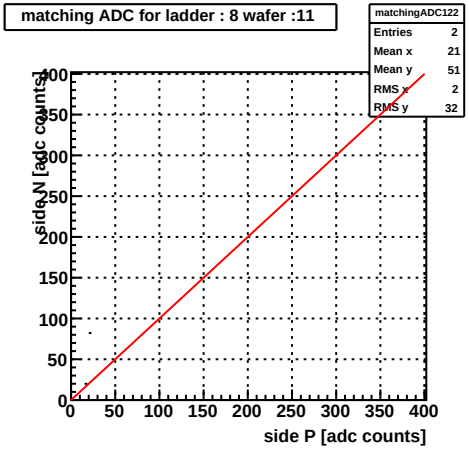

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 158
Mean x 20.47
Mean y 17.72
RMS x 5.783
RMS y 5.42
side N [adc counts]
side P [adc counts]

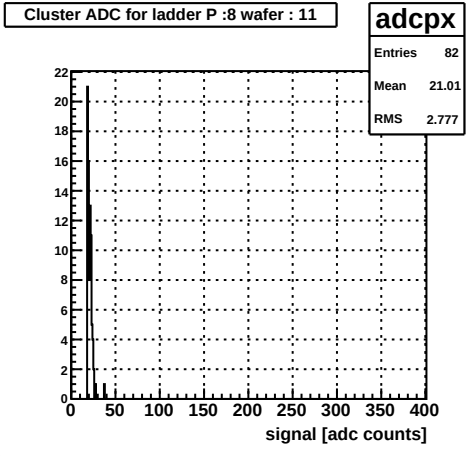

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5034
Mean 23.93
RMS 7.27
signal [adc counts]

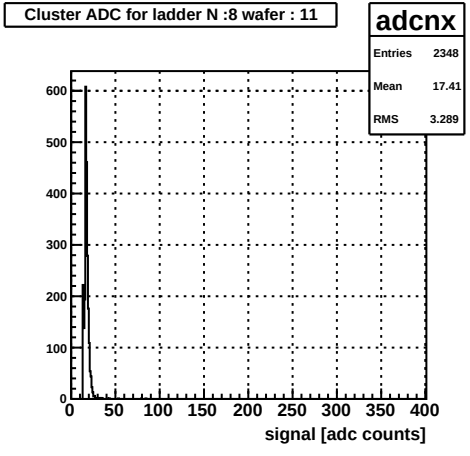

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 12508
Mean 17.6
RMS 6.132
signal [adc counts]

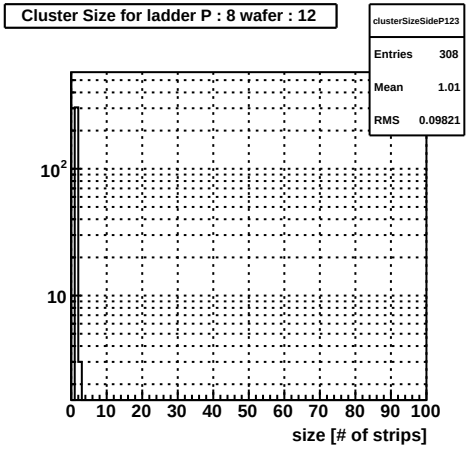

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 82
Mean 1.012
RMS 0.1098
size [# of strips]

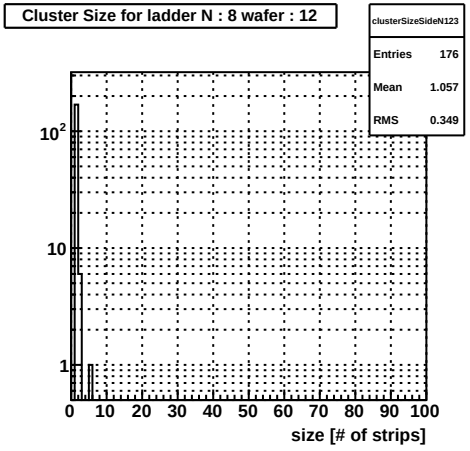

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2348
Mean 1.009
RMS 0.1049
size [# of strips]

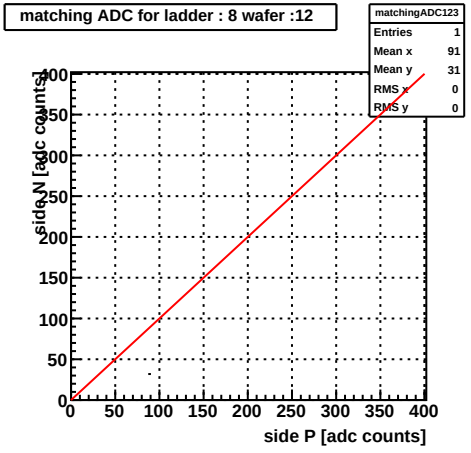

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 2
Mean x 21
Mean y 51
RMS x 2
RMS y 32
side N [adc counts]
side P [adc counts]

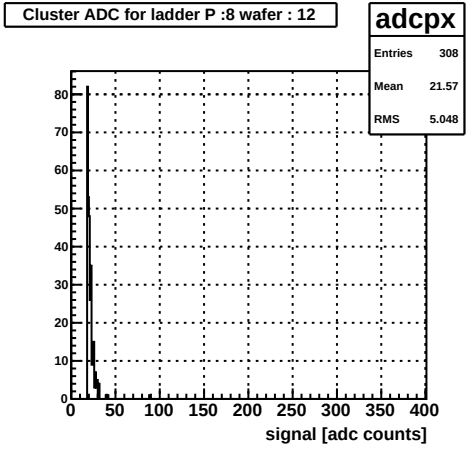

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 82
Mean 21.01
RMS 2.777
signal [adc counts]

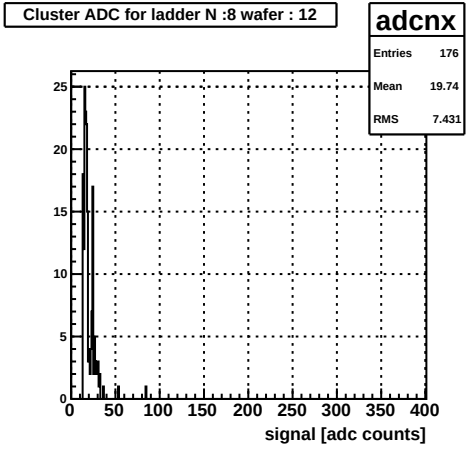

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2348
Mean 17.41
RMS 3.289
signal [adc counts]

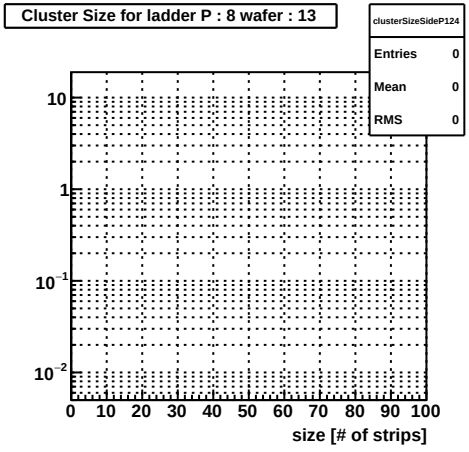

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 308
Mean 1.01
RMS 0.09821
size [# of strips]

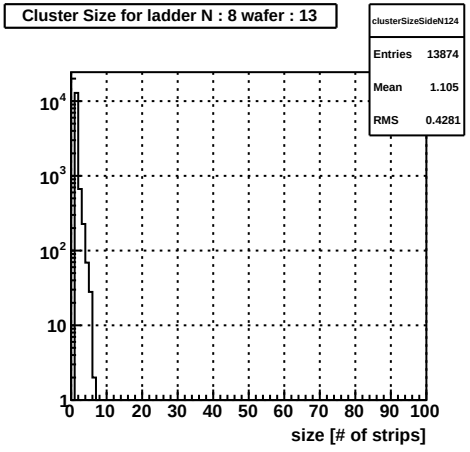

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 176
Mean 1.057
RMS 0.349
size [# of strips]

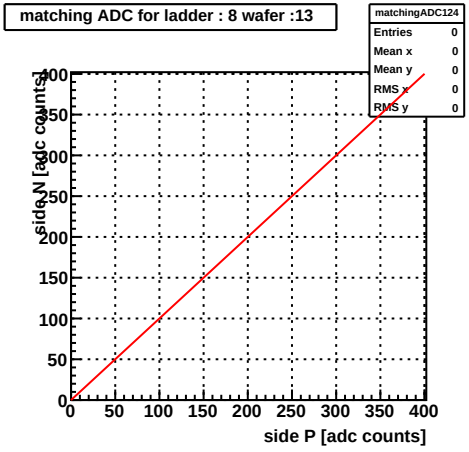

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1
Mean x 91
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

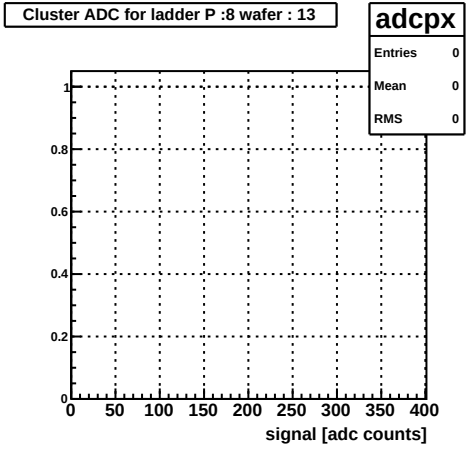

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 308
Mean 21.57
RMS 5.048
signal [adc counts]

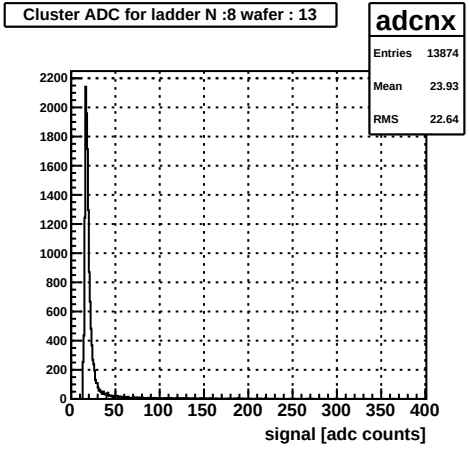

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 176
Mean 19.74
RMS 7.431
signal [adc counts]

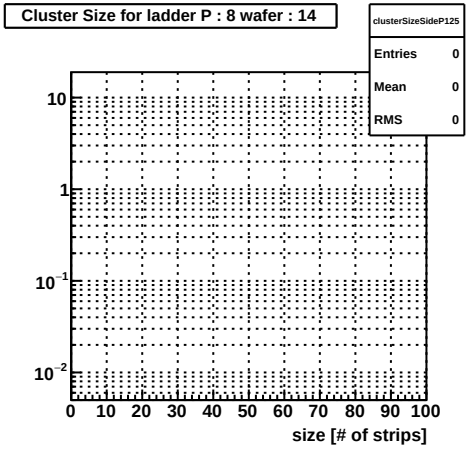

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

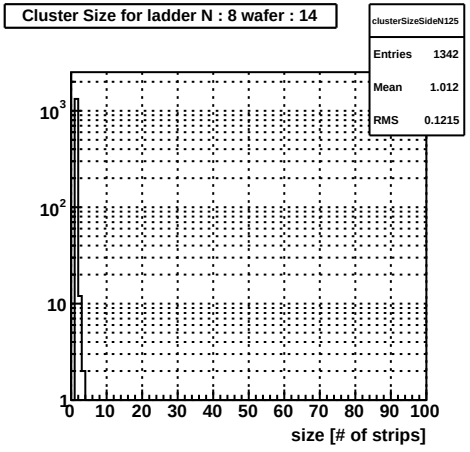

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 13874
Mean 1.105
RMS 0.4281
size [# of strips]

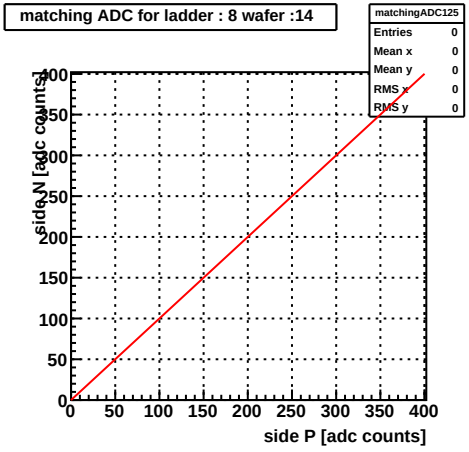

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

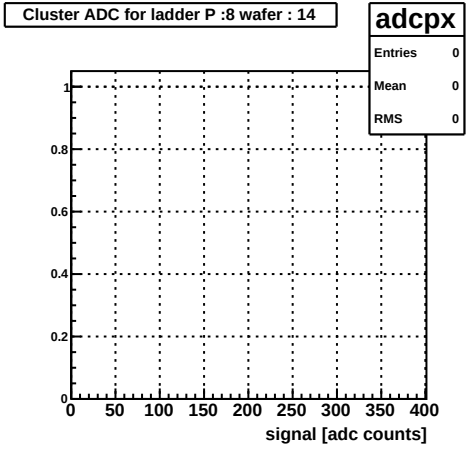

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

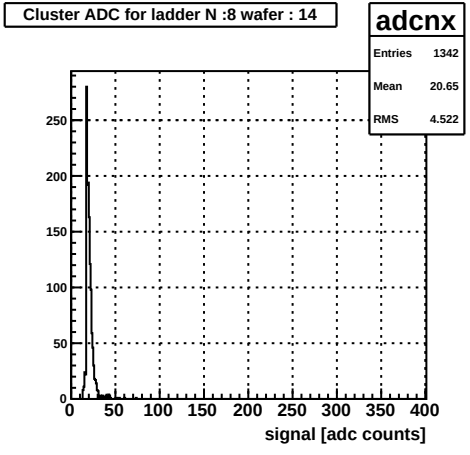

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 13874
Mean 23.93
RMS 22.64
signal [adc counts]

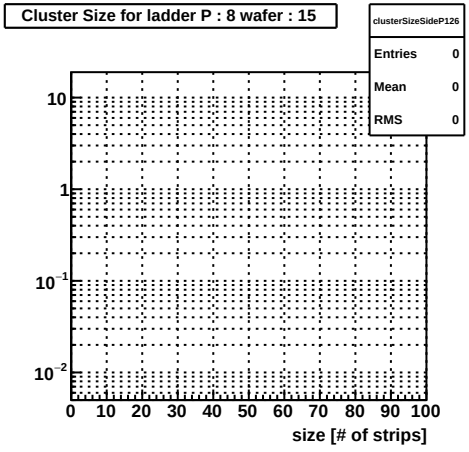

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

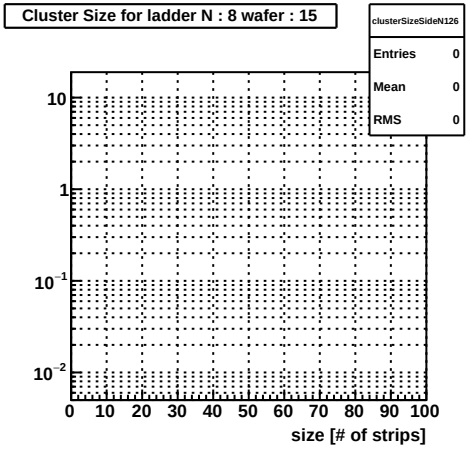

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1342
Mean 1.012
RMS 0.1215
size [# of strips]

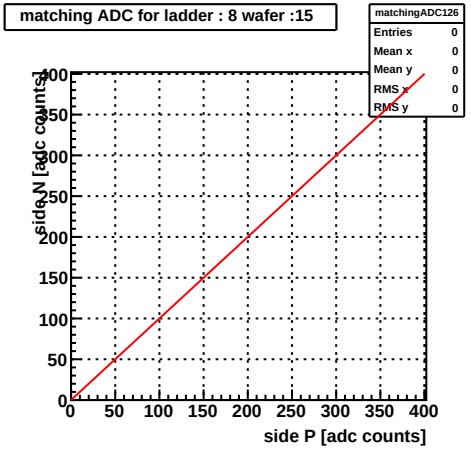

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

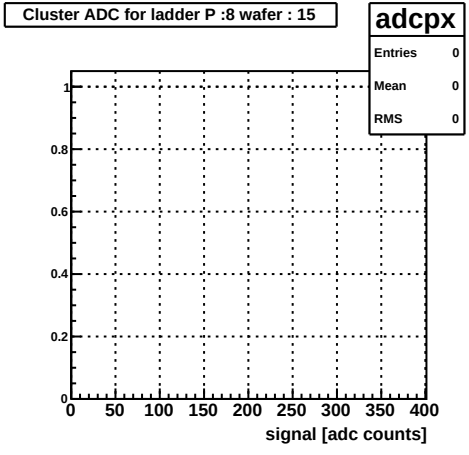

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

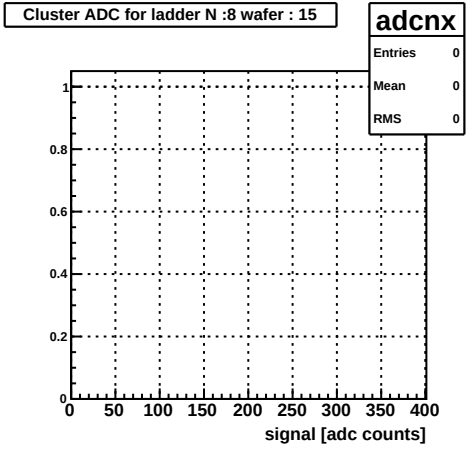

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1342
Mean 20.65
RMS 4.522
signal [adc counts]

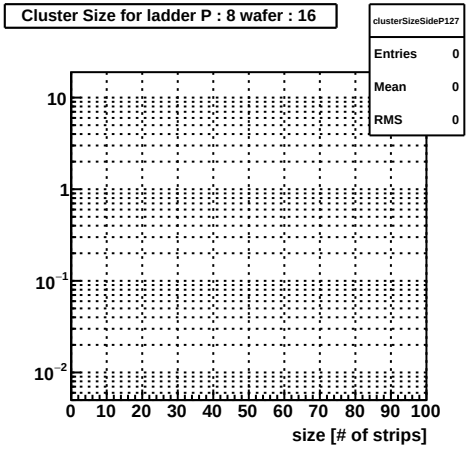

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

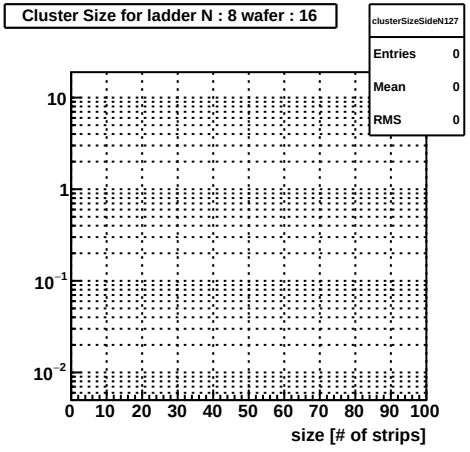

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

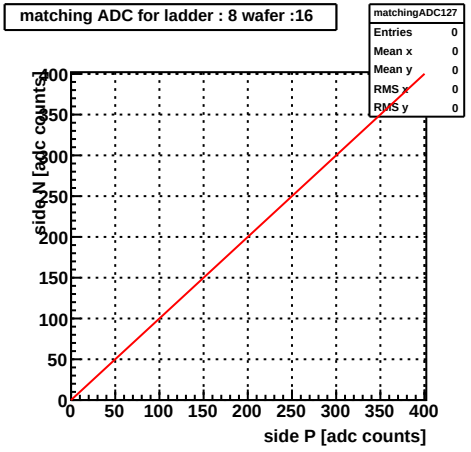

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

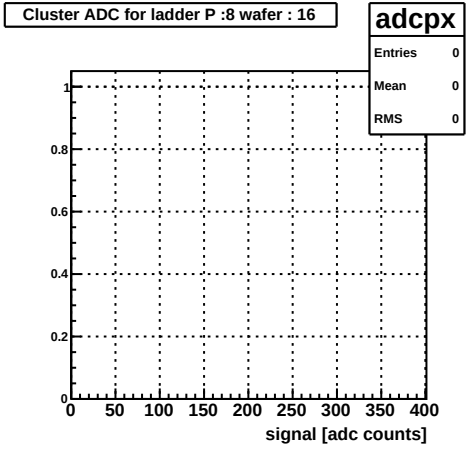

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

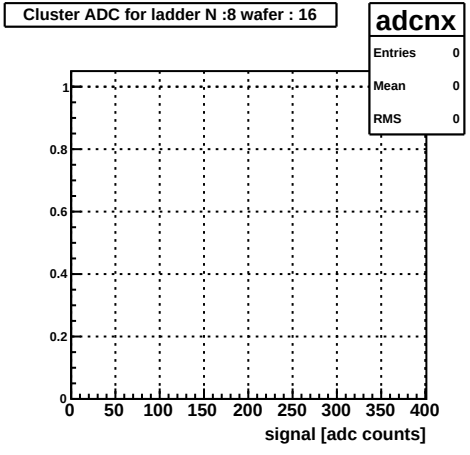

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

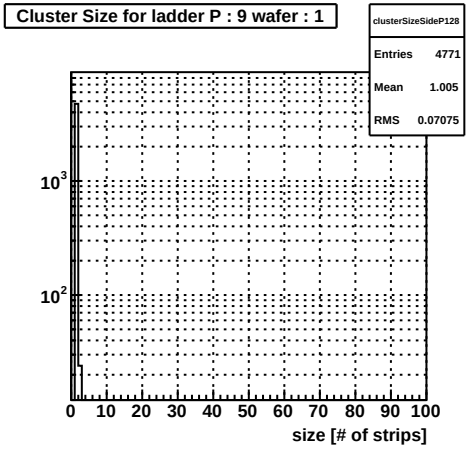

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

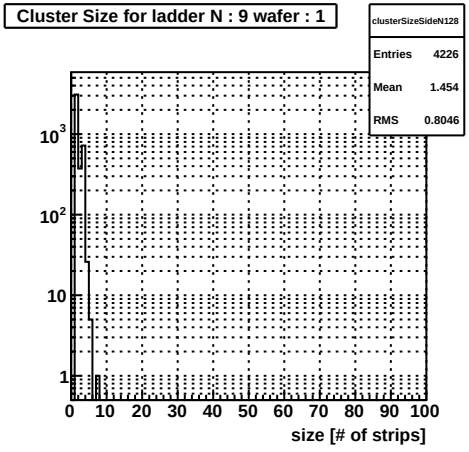

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

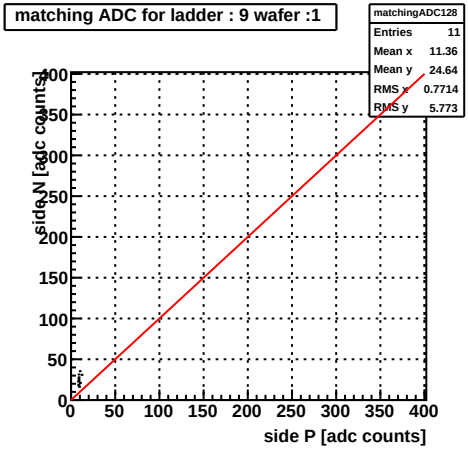

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

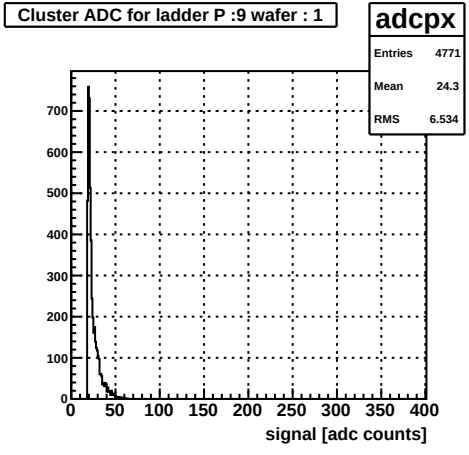

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

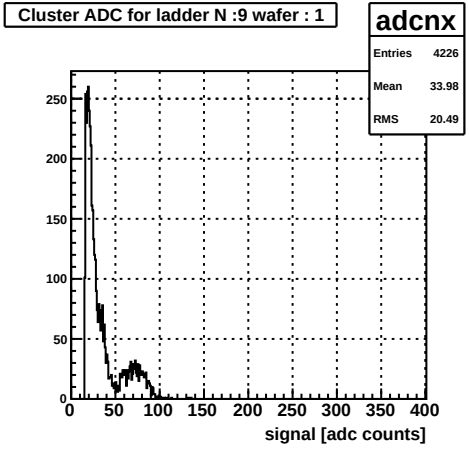

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

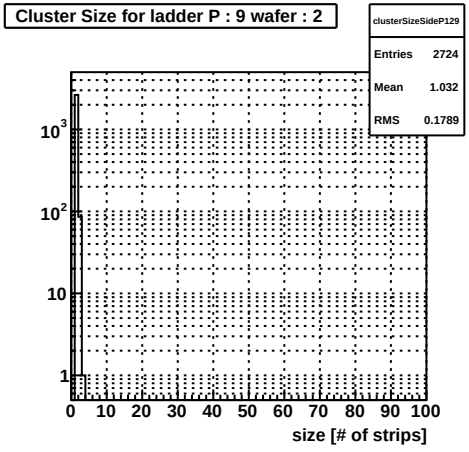

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 4771
Mean 1.005
RMS 0.07075
size [# of strips]

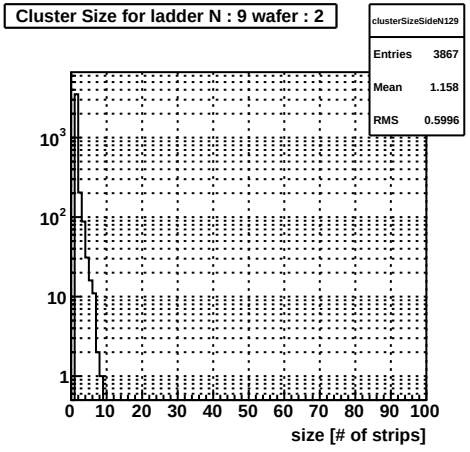

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 4226
Mean 1.454
RMS 0.8046
size [# of strips]

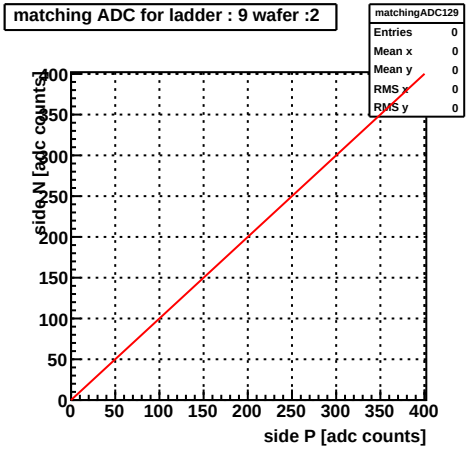

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 11
Mean x 11.36
Mean y 24.64
RMS x 0.7714
RMS y 5.773
side N [adc counts]
side P [adc counts]

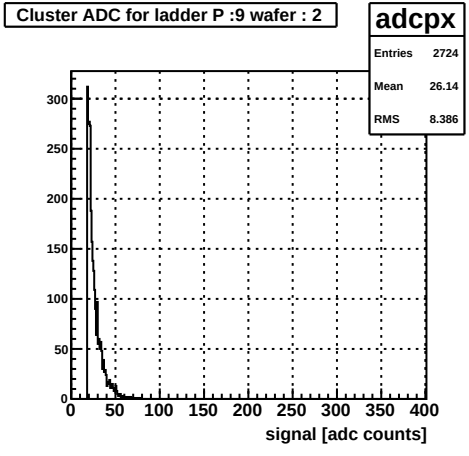

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 4771
Mean 24.3
RMS 6.534
signal [adc counts]

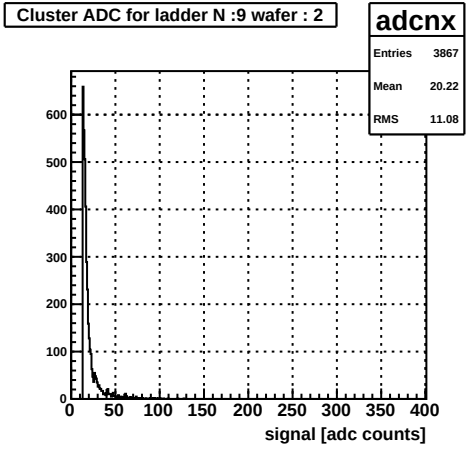

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 4226
Mean 33.98
RMS 20.49
signal [adc counts]

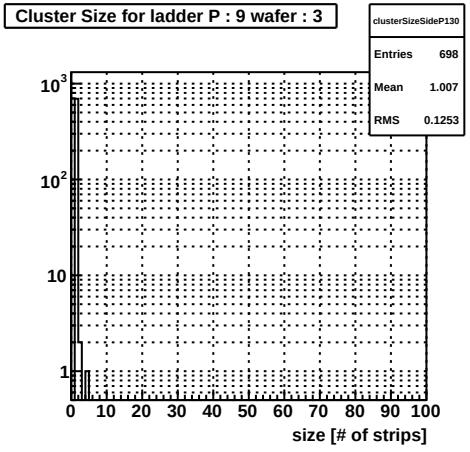

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2724
Mean 1.032
RMS 0.1789
size [# of strips]

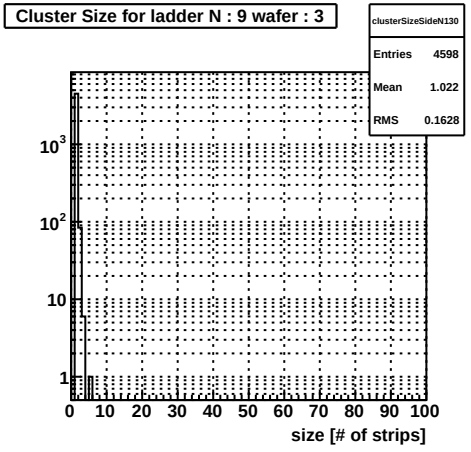

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3867
Mean 1.158
RMS 0.5996
size [# of strips]

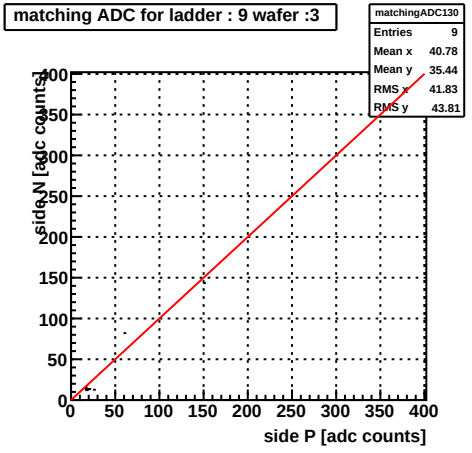

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

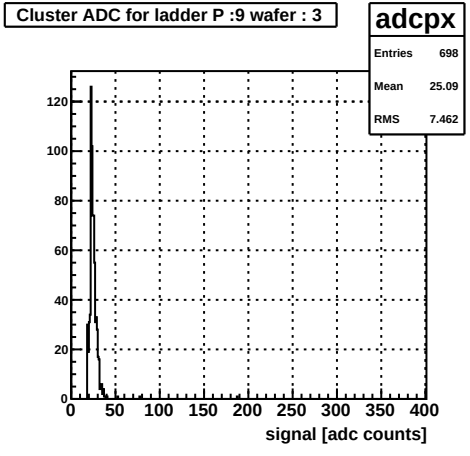

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2724
Mean 26.14
RMS 8.386
signal [adc counts]

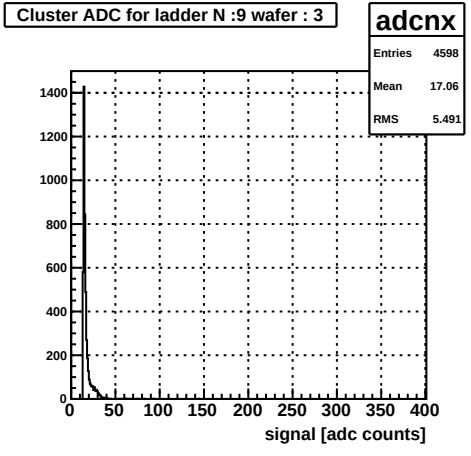

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3867
Mean 20.22
RMS 11.08
signal [adc counts]

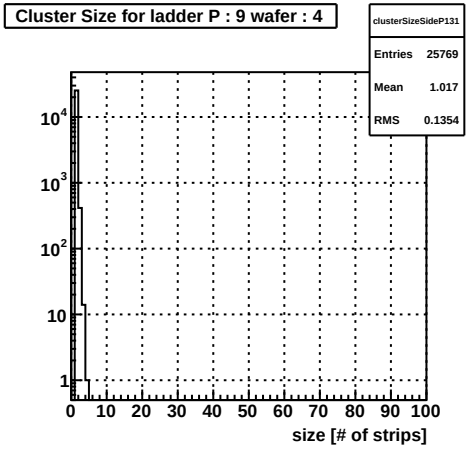

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 698
Mean 1.007
RMS 0.1253
size [# of strips]

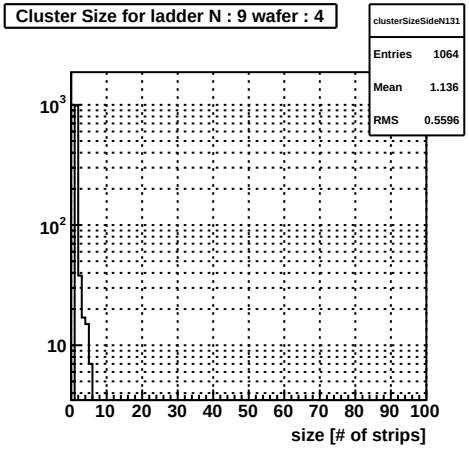

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4598
Mean 1.022
RMS 0.1628
size [# of strips]

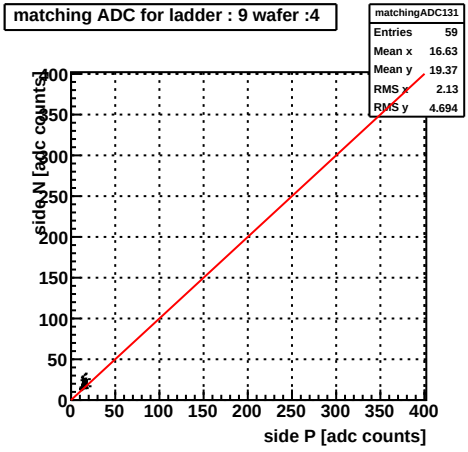

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 9
Mean x 40.78
Mean y 35.44
RMS x 41.83
RMS y 43.81
side N [adc counts]
side P [adc counts]

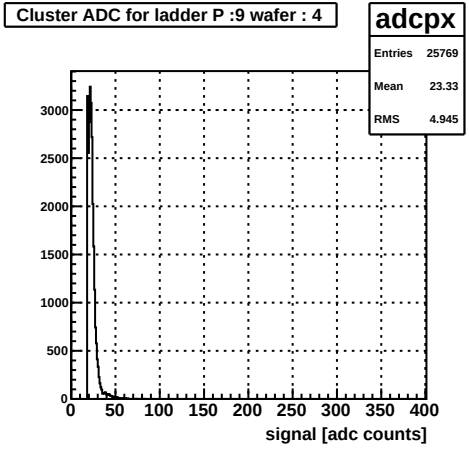

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 698
Mean 25.09
RMS 7.462
signal [adc counts]

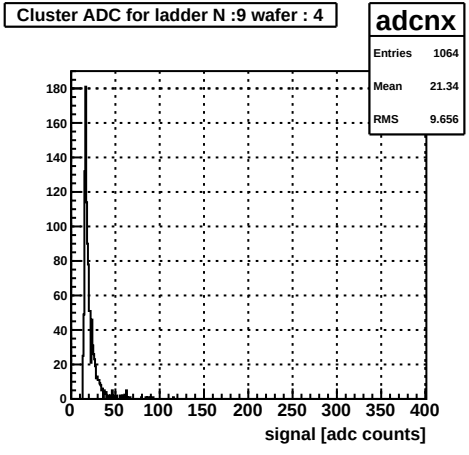

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4598
Mean 17.06
RMS 5.491
signal [adc counts]

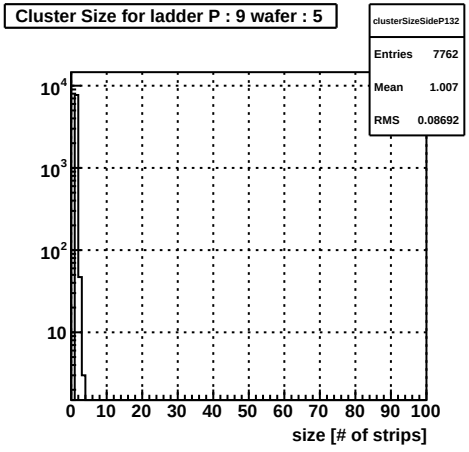

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 25769
Mean 1.017
RMS 0.1354
size [# of strips]

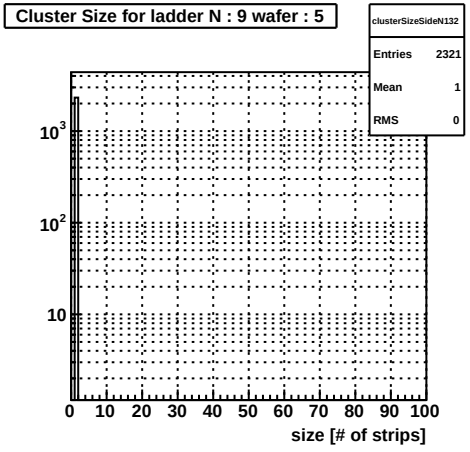

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1064
Mean 1.136
RMS 0.5596
size [# of strips]

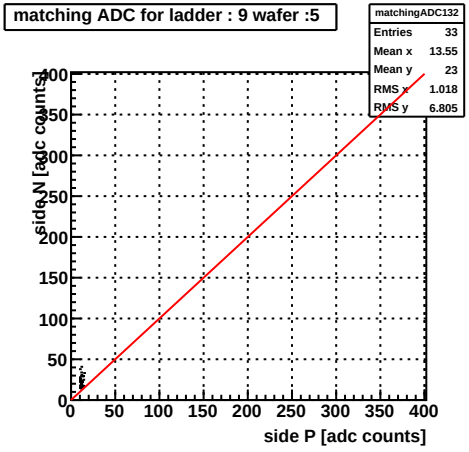

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 59
Mean x 16.63
Mean y 19.37
RMS x 2.13
RMS y 4.694
side N [adc counts]
side P [adc counts]

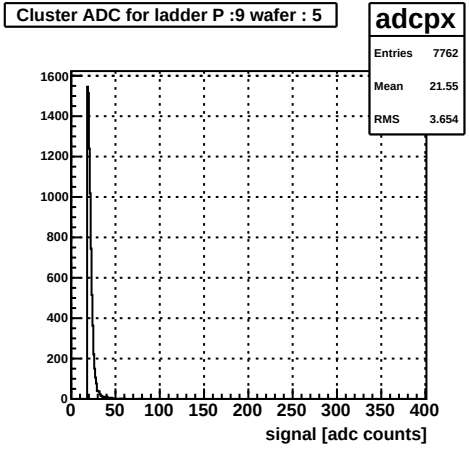

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 25769
Mean 23.33
RMS 4.945
signal [adc counts]

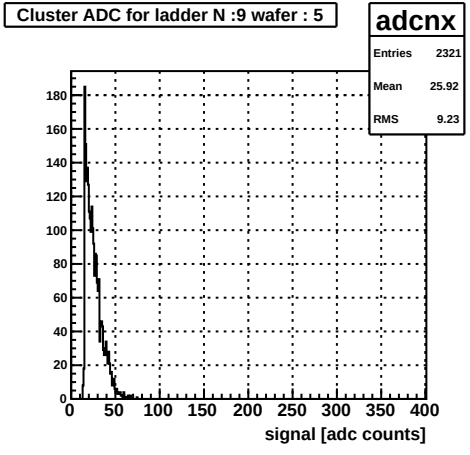

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1064
Mean 21.34
RMS 9.656
signal [adc counts]

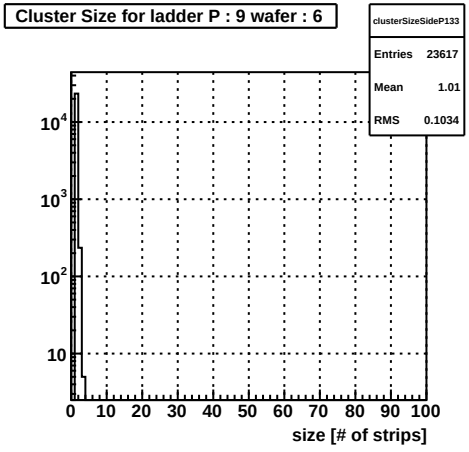

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7762
Mean 1.007
RMS 0.08692
size [# of strips]

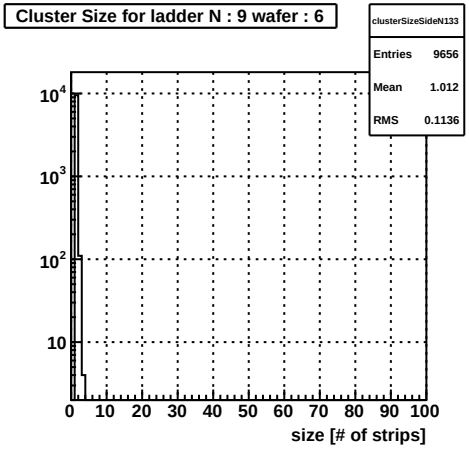

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2321
Mean 1
RMS 0
size [# of strips]

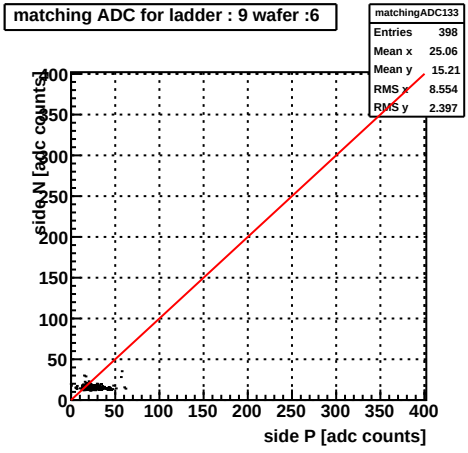

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 33
Mean x 13.55
Mean y 23
RMS x 1.018
RMS y 6.805
side N [adc counts]
side P [adc counts]

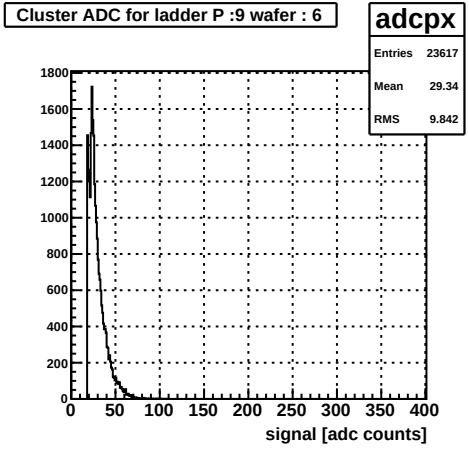

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7762
Mean 21.55
RMS 3.654
signal [adc counts]

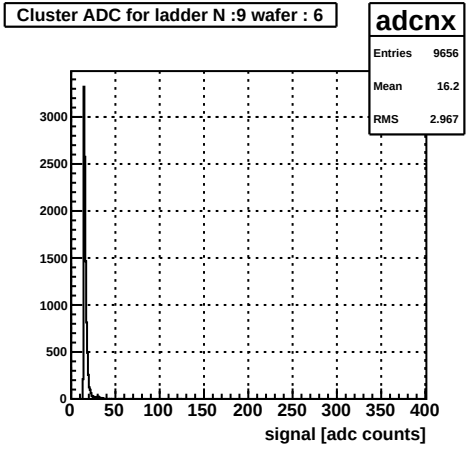

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2321
Mean 25.92
RMS 9.23
signal [adc counts]

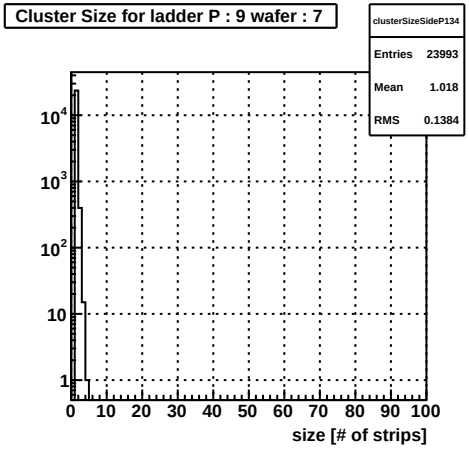

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 23617
Mean 1.01
RMS 0.1034
size [# of strips]

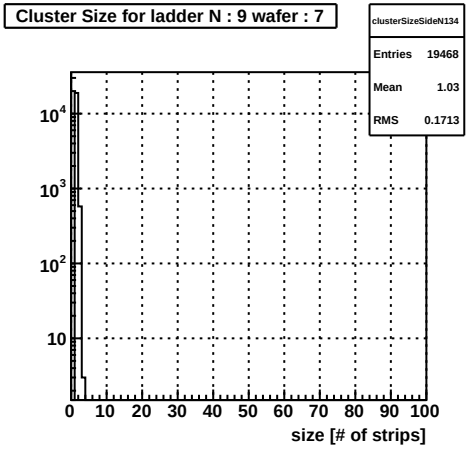

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9656
Mean 1.012
RMS 0.1136
size [# of strips]

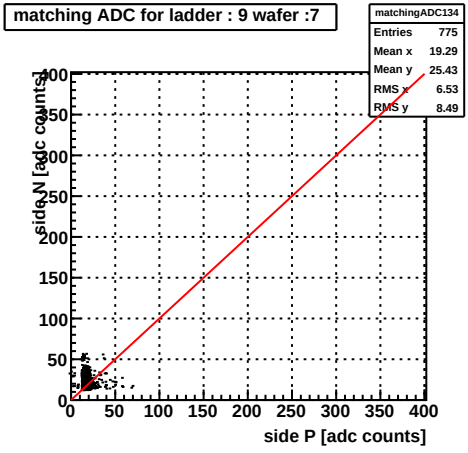

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 398
Mean x 25.06
Mean y 15.21
RMS x 8.554
RMS y 2.397
side N [adc counts]
side P [adc counts]

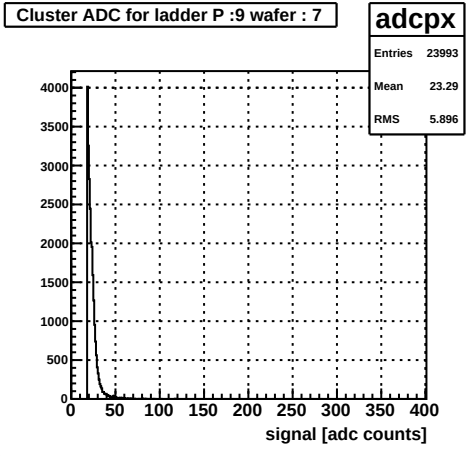

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 23617
Mean 29.34
RMS 9.842
signal [adc counts]

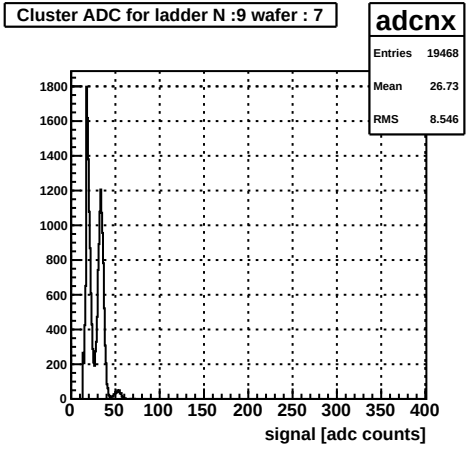

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9656
Mean 16.2
RMS 2.967
signal [adc counts]

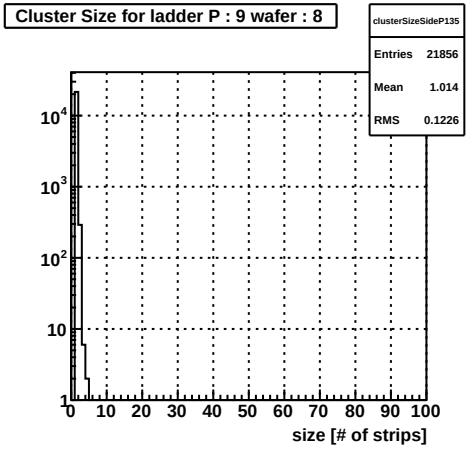

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 23993
Mean 1.018
RMS 0.1384
size [# of strips]

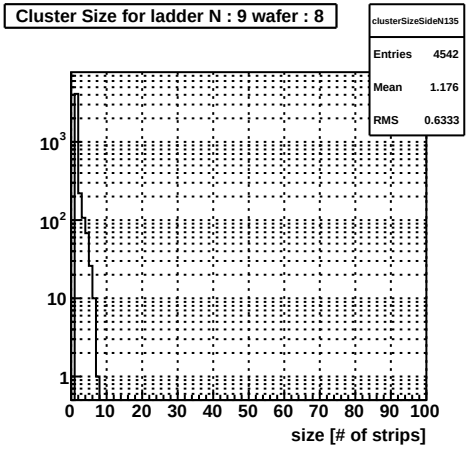

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 19468
Mean 1.03
RMS 0.1713
size [# of strips]

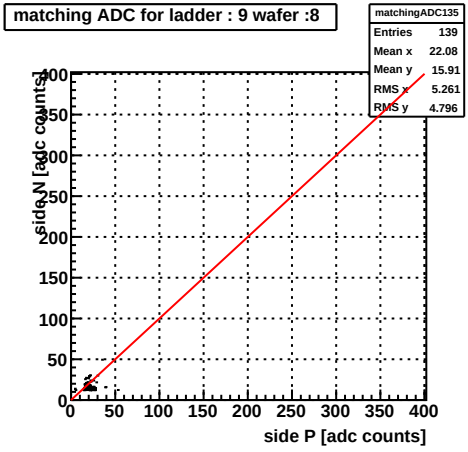

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 775
Mean x 19.29
Mean y 25.43
RMS x 6.53
RMS y 8.49
side N [adc counts]
side P [adc counts]

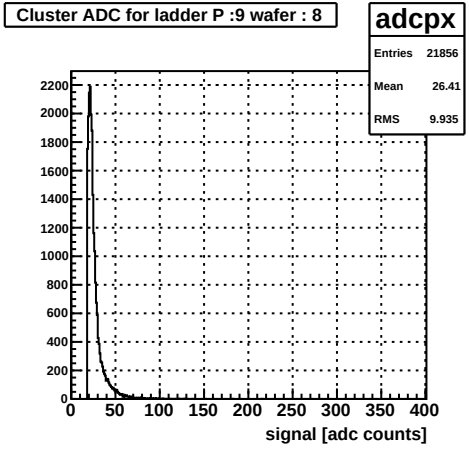

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 23993
Mean 23.29
RMS 5.896
signal [adc counts]

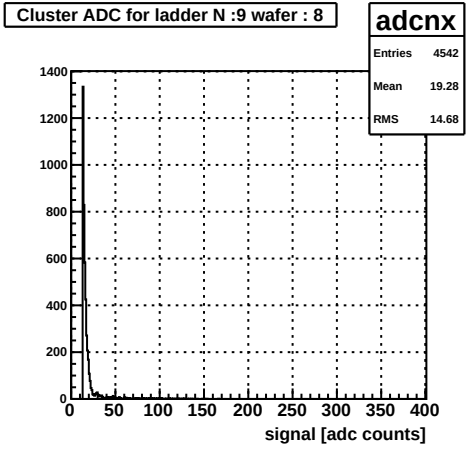

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 19468
Mean 26.73
RMS 8.546
signal [adc counts]

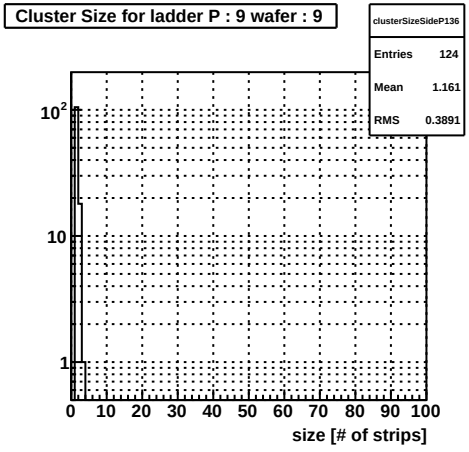

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 21856
Mean 1.014
RMS 0.1226
size [# of strips]

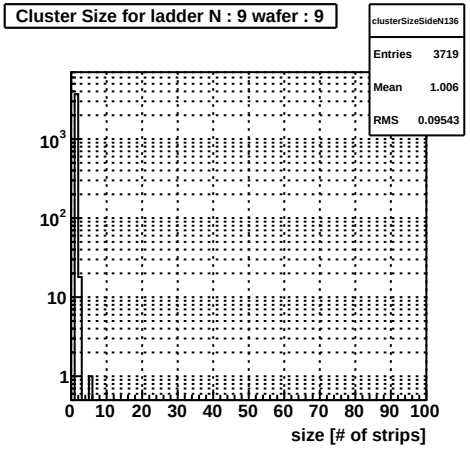

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4542
Mean 1.176
RMS 0.6333
size [# of strips]

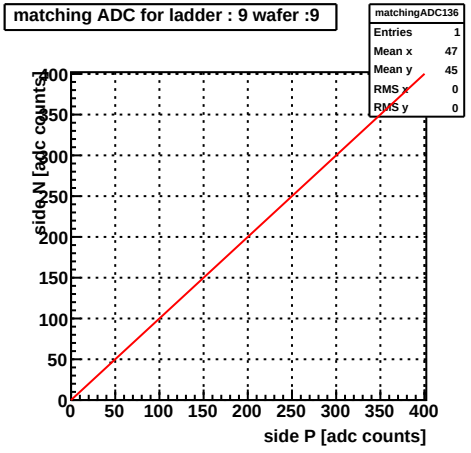

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 139
Mean x 22.08
Mean y 15.91
RMS x 5.261
RMS y 4.796
side N [adc counts]
side P [adc counts]

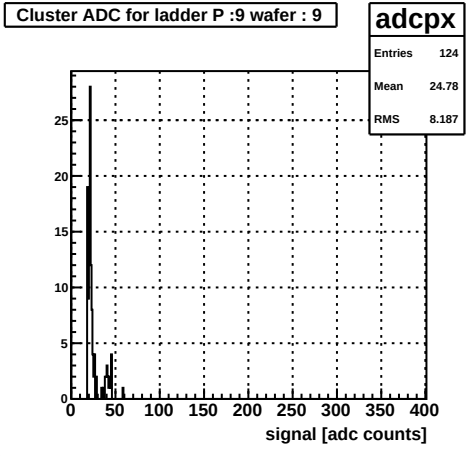

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 21856
Mean 26.41
RMS 9.935
signal [adc counts]

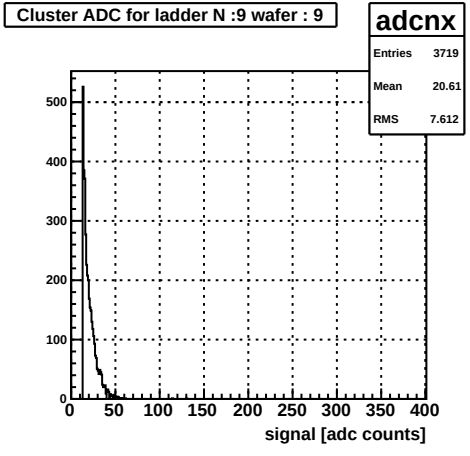

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4542
Mean 19.28
RMS 14.68
signal [adc counts]

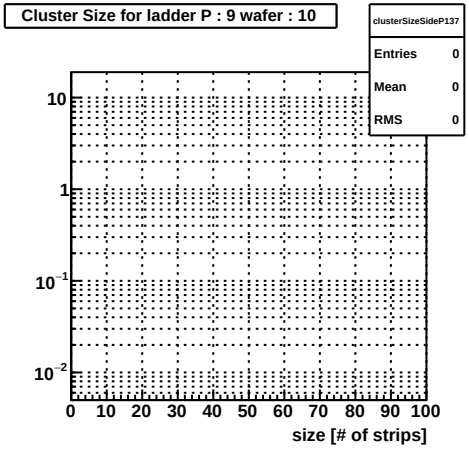

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 124
Mean 1.161
RMS 0.3891
size [# of strips]

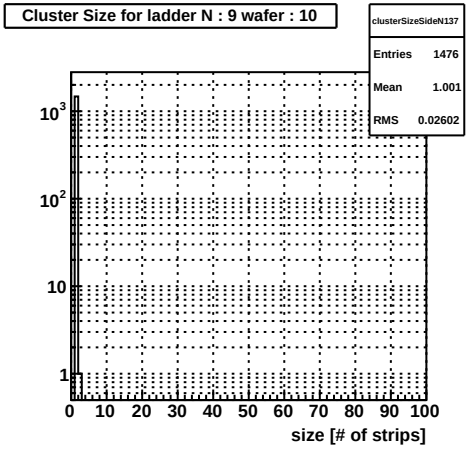

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3719
Mean 1.006
RMS 0.09543
size [# of strips]

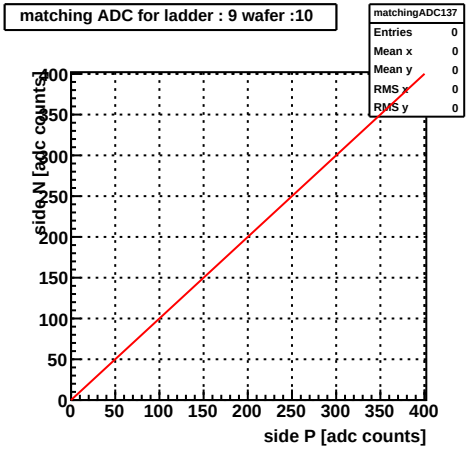

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1
Mean x 47
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

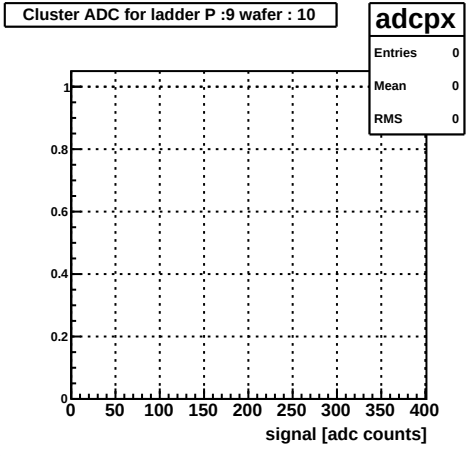

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 124
Mean 24.78
RMS 8.187
signal [adc counts]

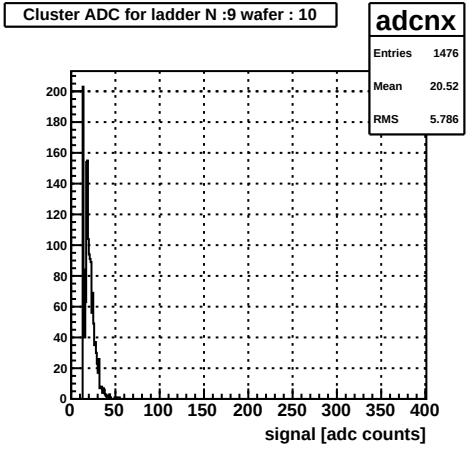

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3719
Mean 20.61
RMS 7.612
signal [adc counts]

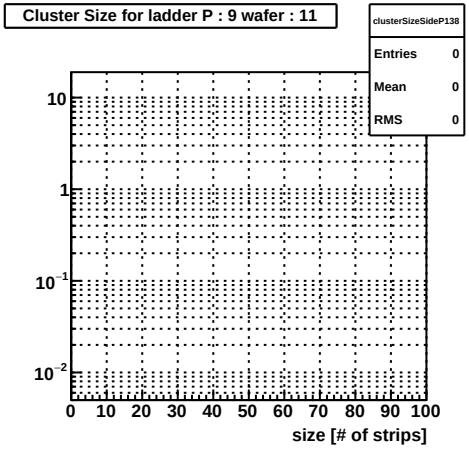

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

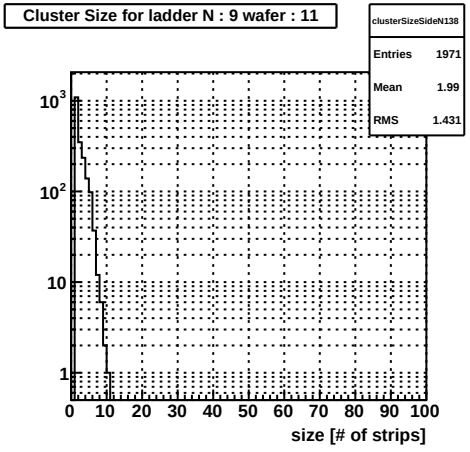

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1476
Mean 1.001
RMS 0.02602
size [# of strips]

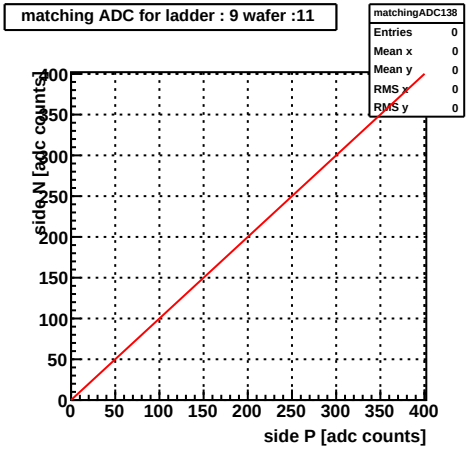

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

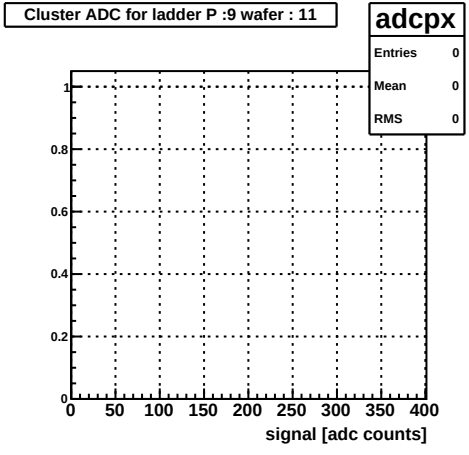

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

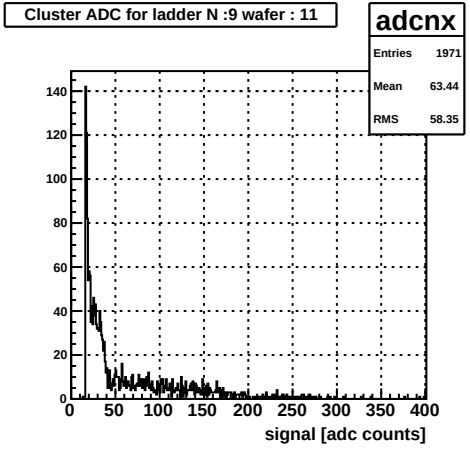

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1476
Mean 20.52
RMS 5.786
signal [adc counts]

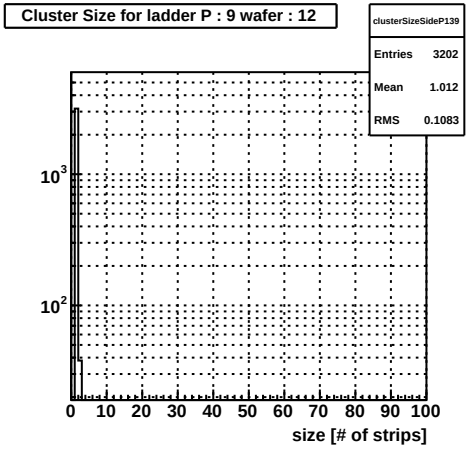

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

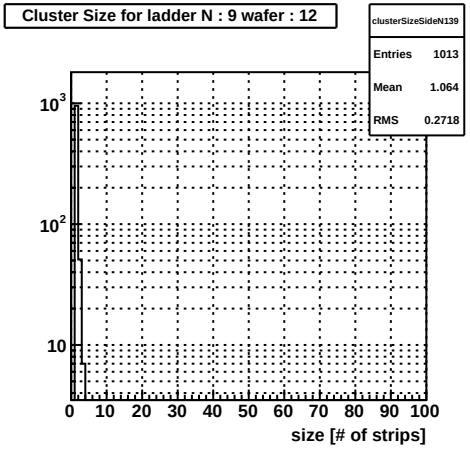

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1971
Mean 1.99
RMS 1.431
size [# of strips]

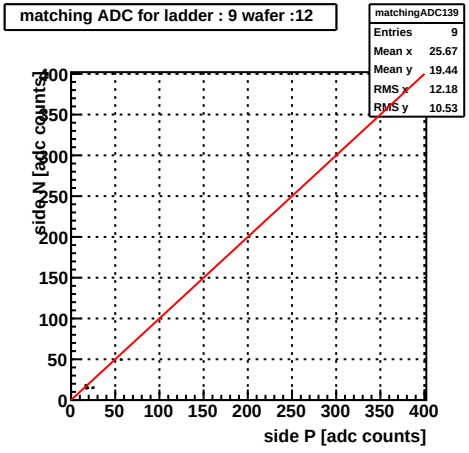

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

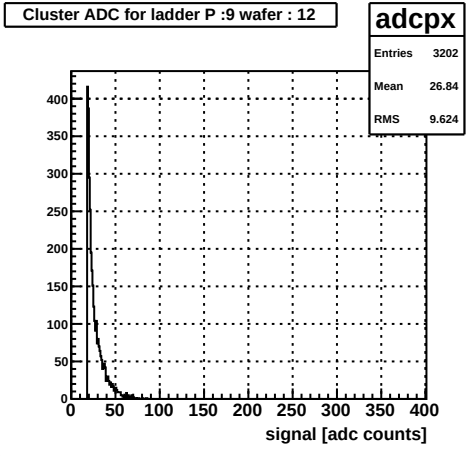

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

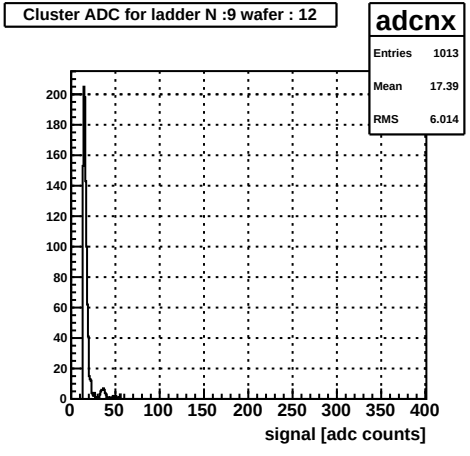

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1971
Mean 63.44
RMS 58.35
signal [adc counts]

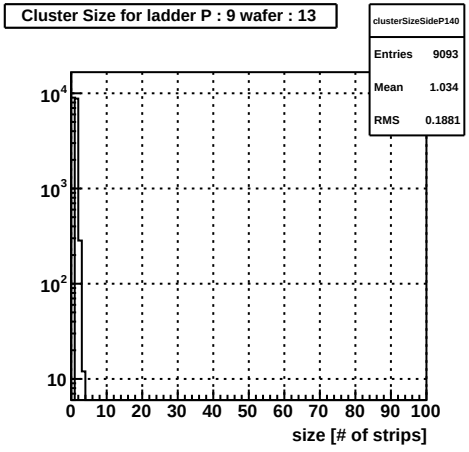

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3202
Mean 1.012
RMS 0.1083
size [# of strips]

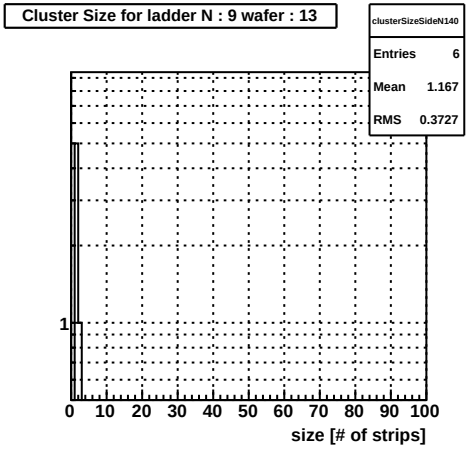

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1013
Mean 1.064
RMS 0.2718
size [# of strips]

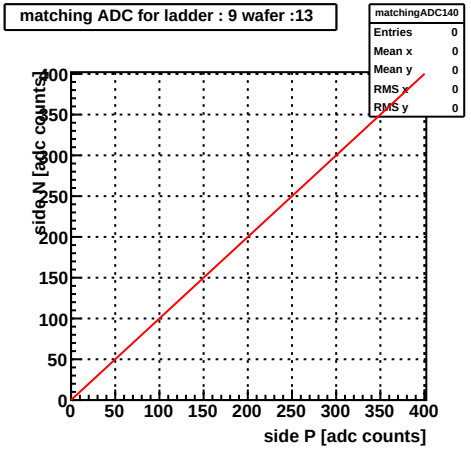

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9
Mean x 25.67
Mean y 19.44
RMS x 12.18
RMS y 10.53
side N [adc counts]
side P [adc counts]

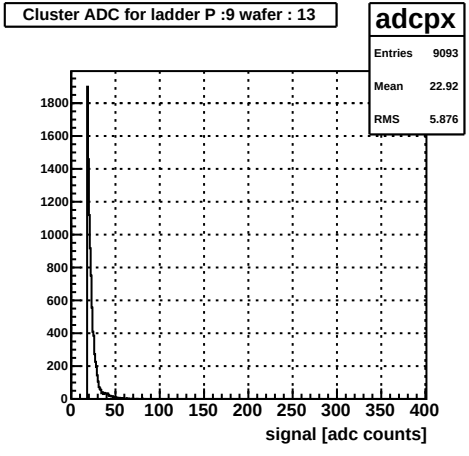

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3202
Mean 26.84
RMS 9.624
signal [adc counts]

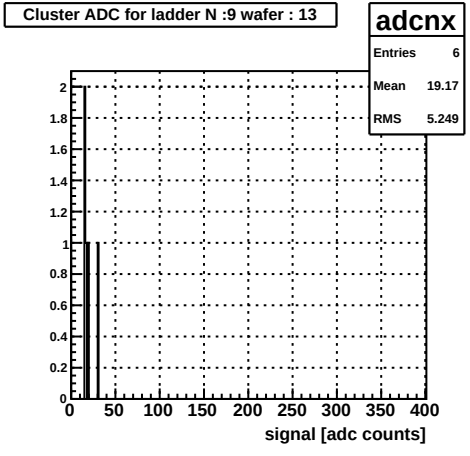

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1013
Mean 17.39
RMS 6.014
signal [adc counts]

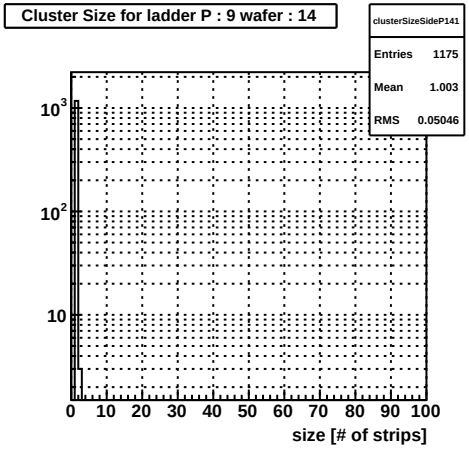

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 9093
Mean 1.034
RMS 0.1881
size [# of strips]

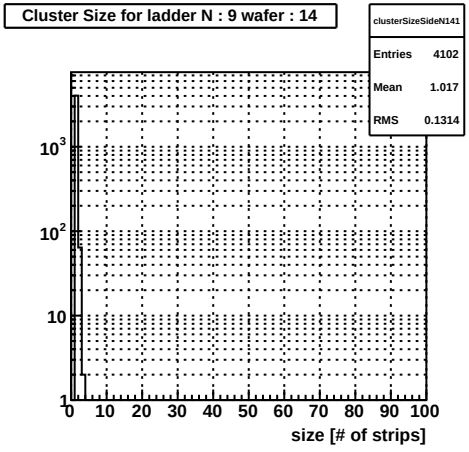

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

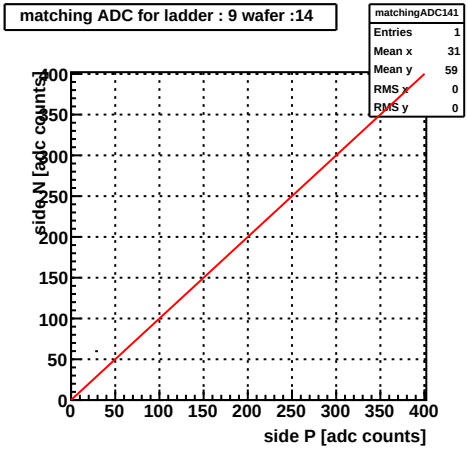

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

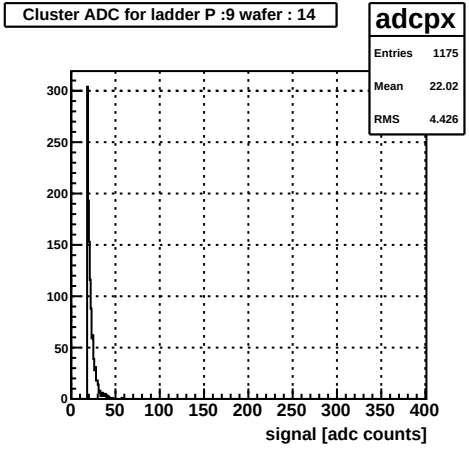

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 9093
Mean 22.92
RMS 5.876
signal [adc counts]

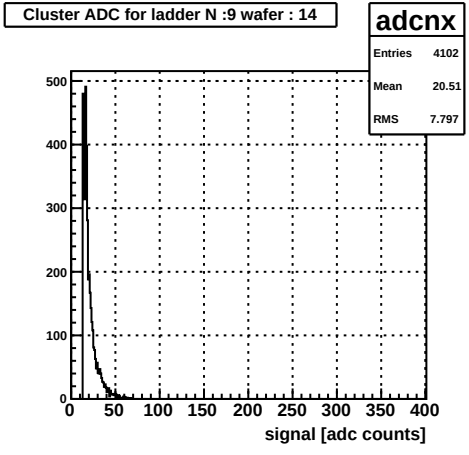

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6
Mean 19.17
RMS 5.249
signal [adc counts]

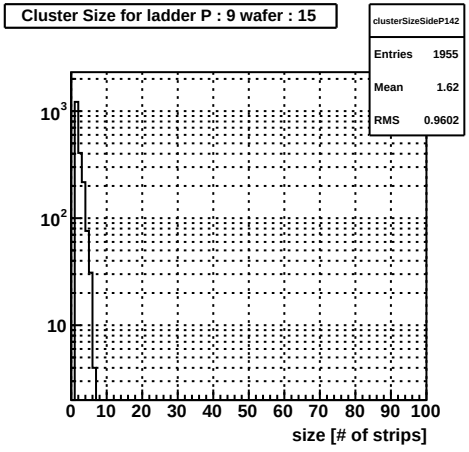

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1175
Mean 1.003
RMS 0.05046
size [# of strips]

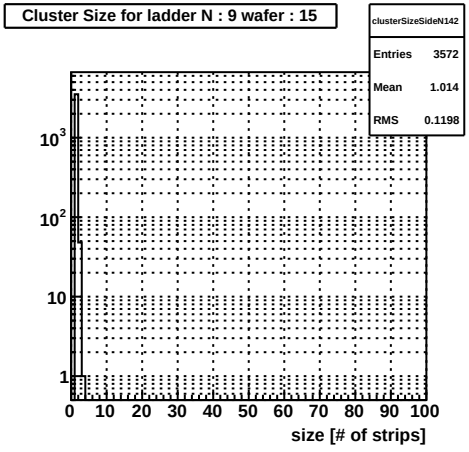

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4102
Mean 1.017
RMS 0.1314
size [# of strips]

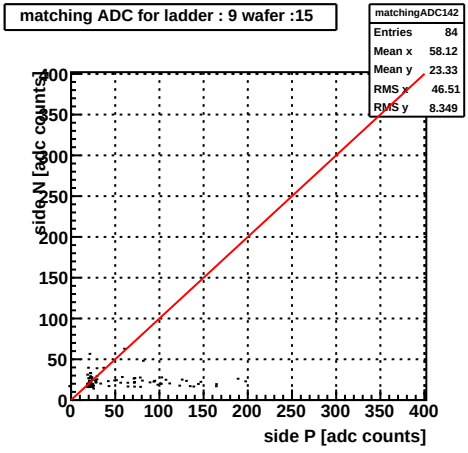

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1
Mean x 31
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

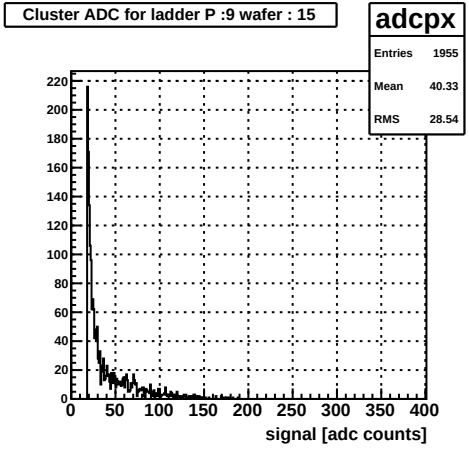

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1175
Mean 22.02
RMS 4.426
signal [adc counts]

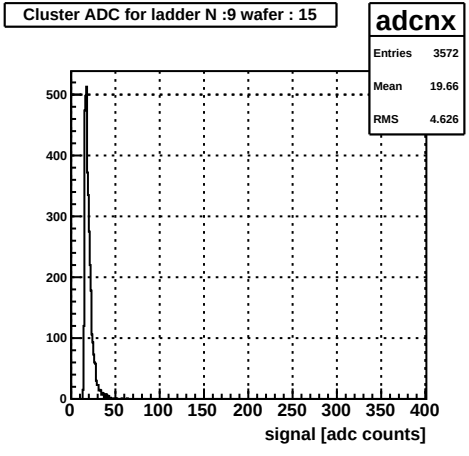

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4102
Mean 20.51
RMS 7.797
signal [adc counts]

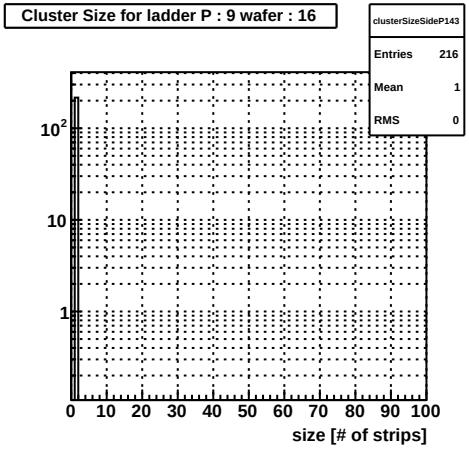

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1955
Mean 1.62
RMS 0.9602
size [# of strips]

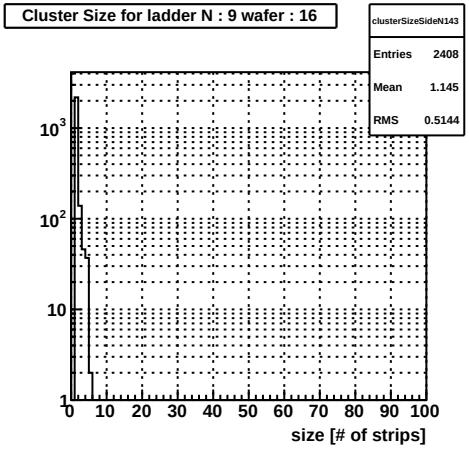

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3572
Mean 1.014
RMS 0.1198
size [# of strips]

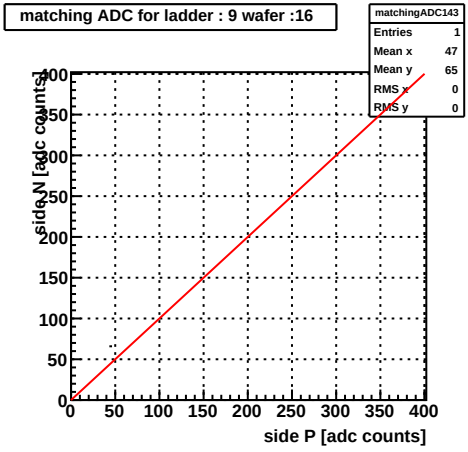

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 84
Mean x 58.12
Mean y 23.33
RMS x 46.51
RMS y 8.349
side N [adc counts]
side P [adc counts]

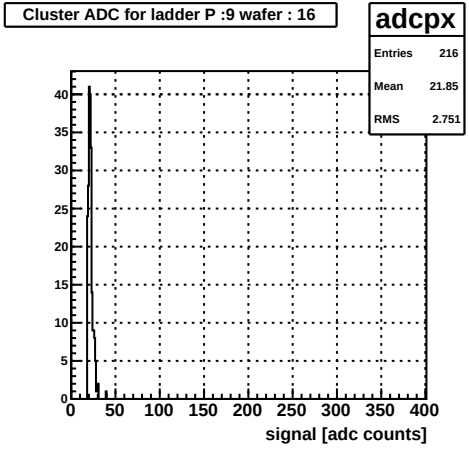

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1955
Mean 40.33
RMS 28.54
signal [adc counts]

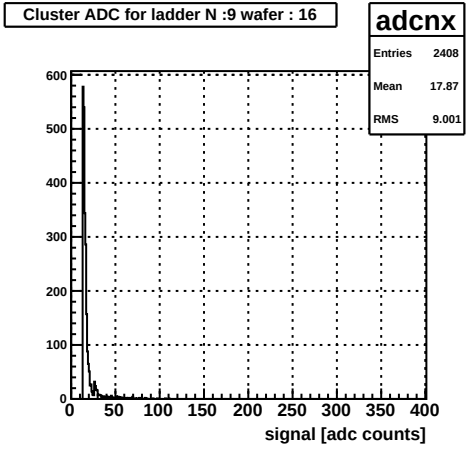

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3572
Mean 19.66
RMS 4.626
signal [adc counts]

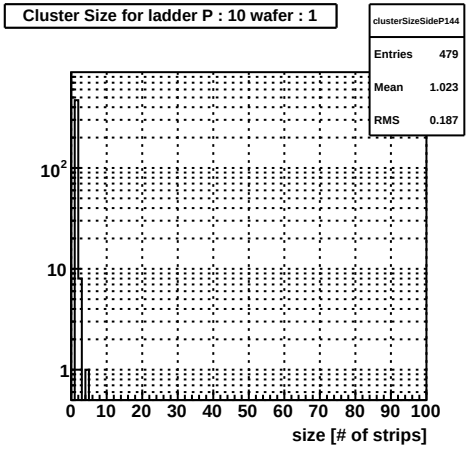

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 216
Mean 1
RMS 0
size [# of strips]

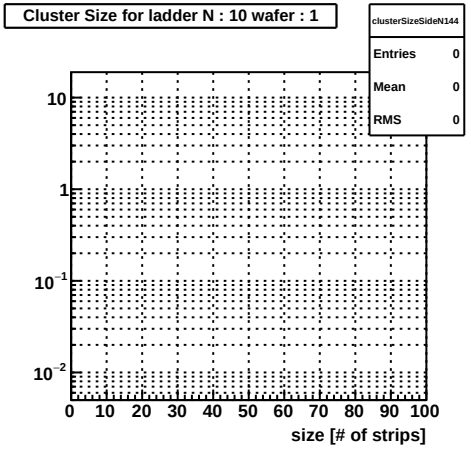

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2408
Mean 1.145
RMS 0.5144
size [# of strips]

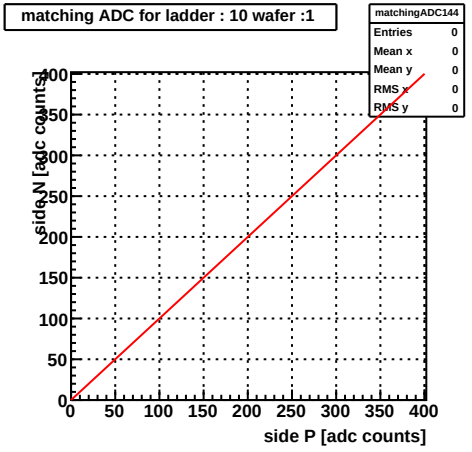

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 1
Mean x 47
Mean y 65
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

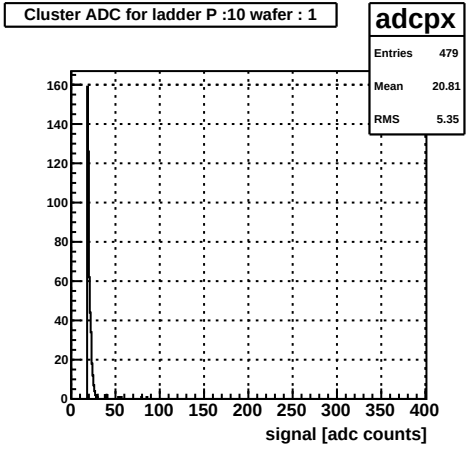

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 216
Mean 21.85
RMS 2.751
signal [adc counts]

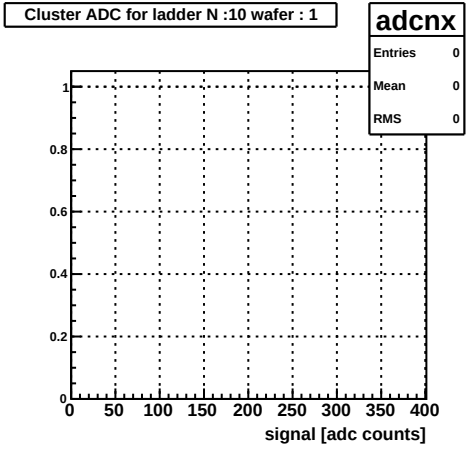

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2408
Mean 17.87
RMS 9.001
signal [adc counts]

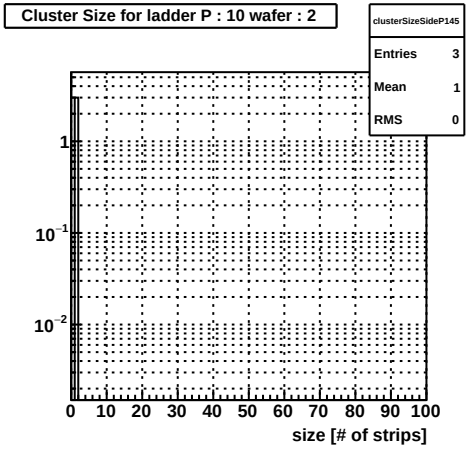

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 479
Mean 1.023
RMS 0.187
size [# of strips]

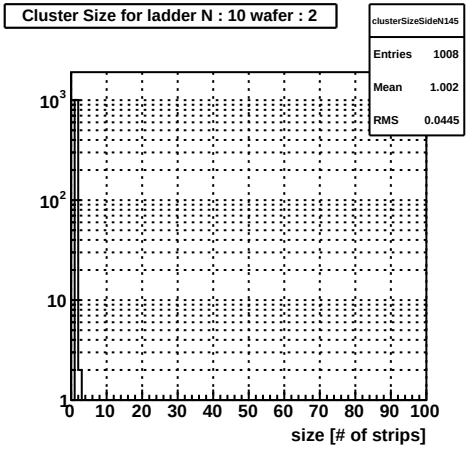

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 0
Mean 0
RMS 0
size [# of strips]

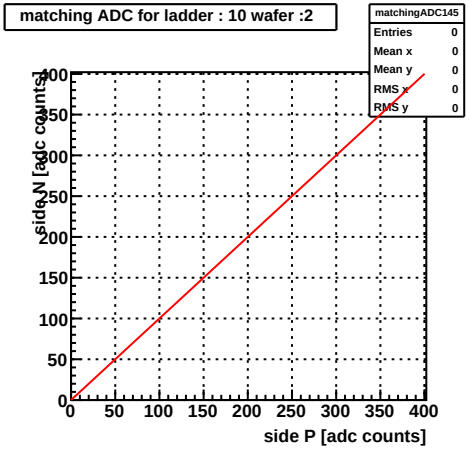

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

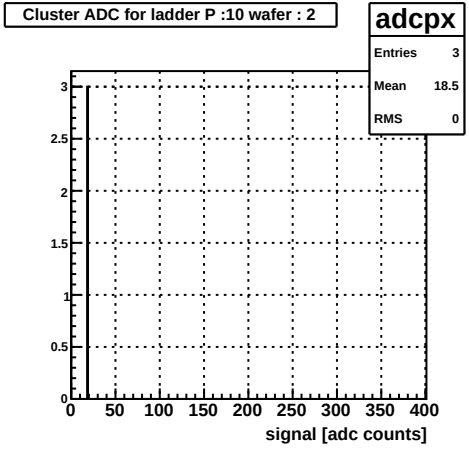

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 479
Mean 20.81
RMS 5.35
signal [adc counts]

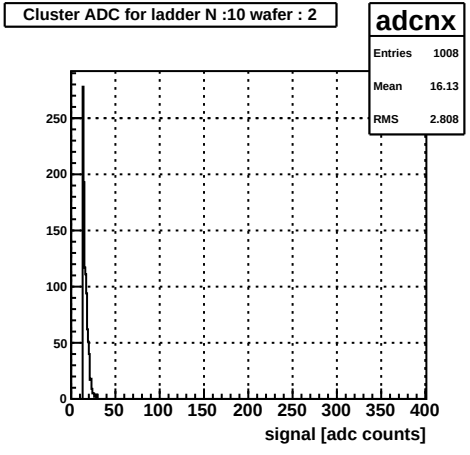

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

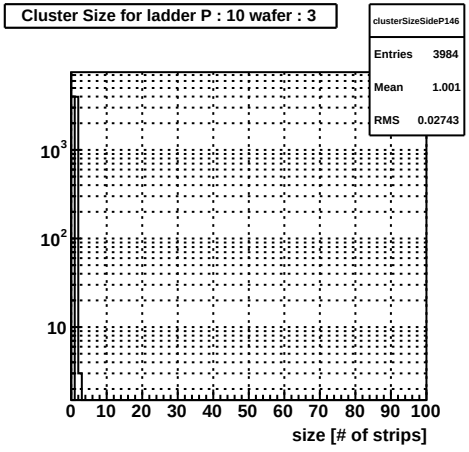

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 3
Mean 1
RMS 0
size [# of strips]

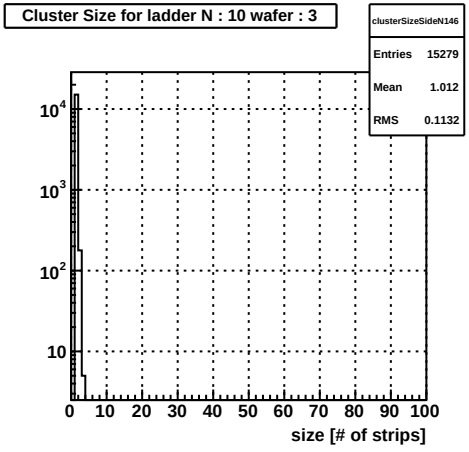

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1008
Mean 1.002
RMS 0.0445
size [# of strips]

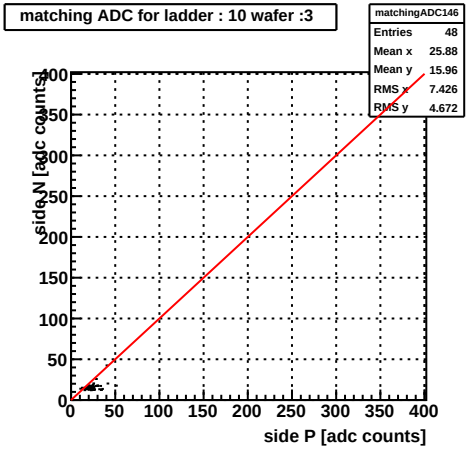

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

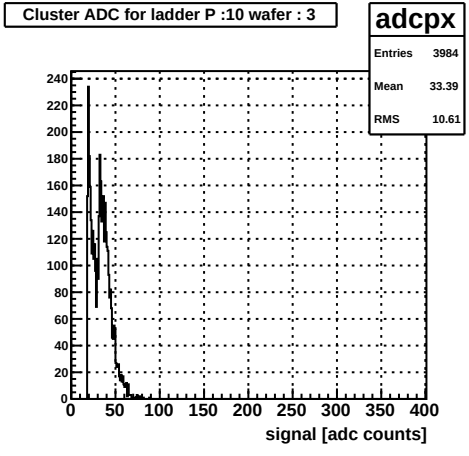

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 3
Mean 18.5
RMS 0
signal [adc counts]

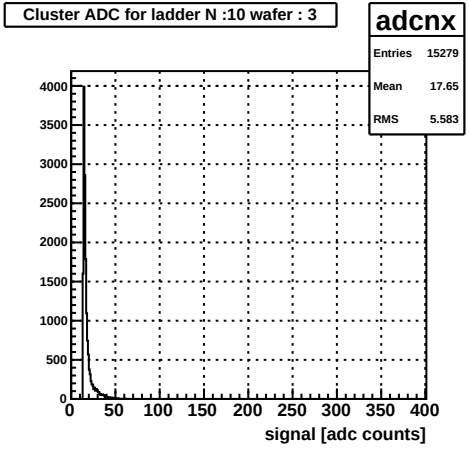

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1008
Mean 16.13
RMS 2.808
signal [adc counts]

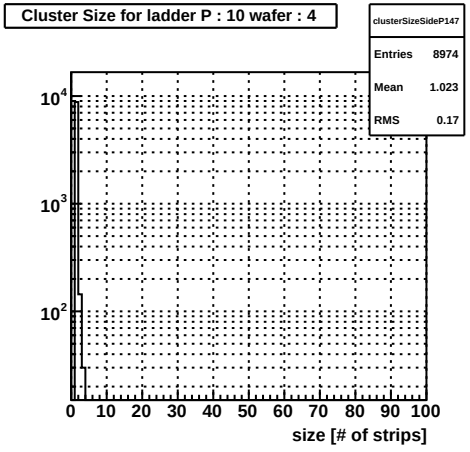

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 3984
Mean 1.001
RMS 0.02743
size [# of strips]

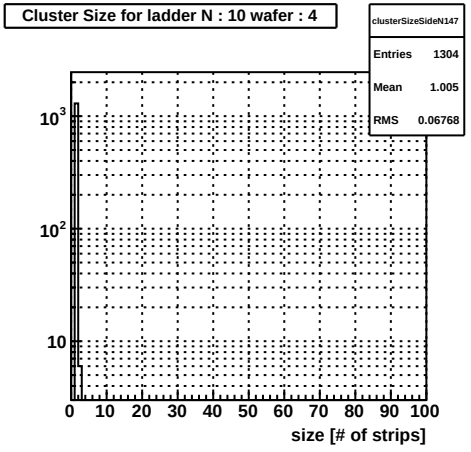

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15279
Mean 1.012
RMS 0.1132
size [# of strips]

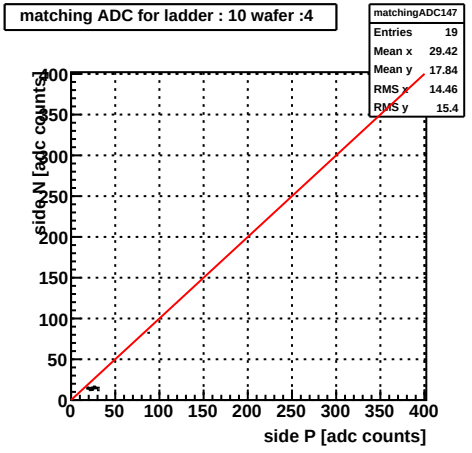

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 48
Mean x 25.88
Mean y 15.96
RMS x 7.426
RMS y 4.672
side N [adc counts]
side P [adc counts]

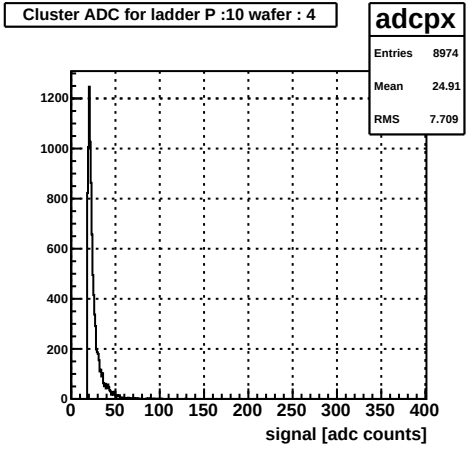

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 3984
Mean 33.39
RMS 10.61
signal [adc counts]

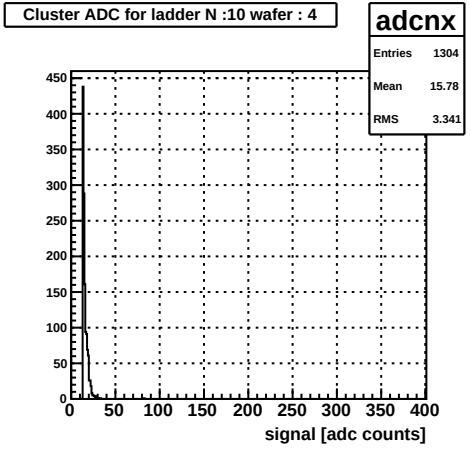

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15279
Mean 17.65
RMS 5.583
signal [adc counts]

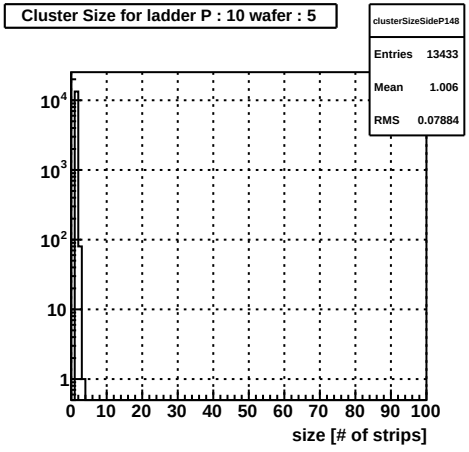

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8974
Mean 1.023
RMS 0.17
size [# of strips]

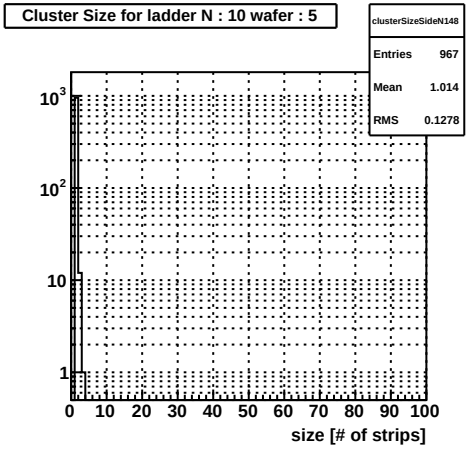

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1304
Mean 1.005
RMS 0.06768
size [# of strips]

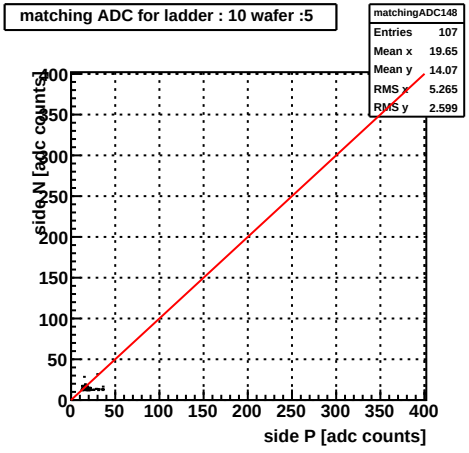

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 19
Mean x 29.42
Mean y 17.84
RMS x 14.46
RMS y 15.4
side N [adc counts]
side P [adc counts]

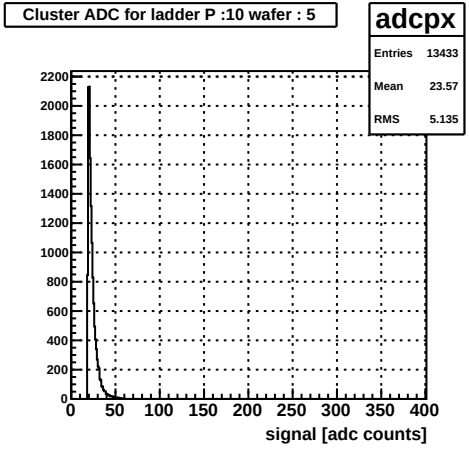

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8974
Mean 24.91
RMS 7.709
signal [adc counts]

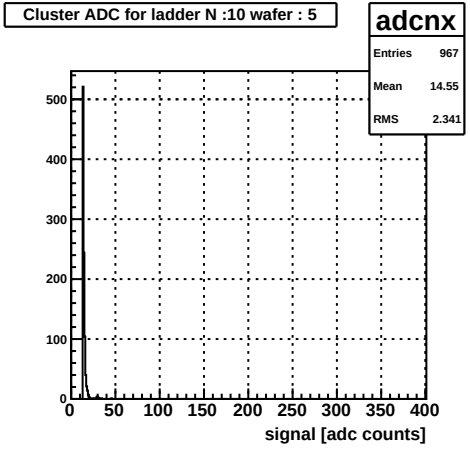

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1304
Mean 15.78
RMS 3.341
signal [adc counts]

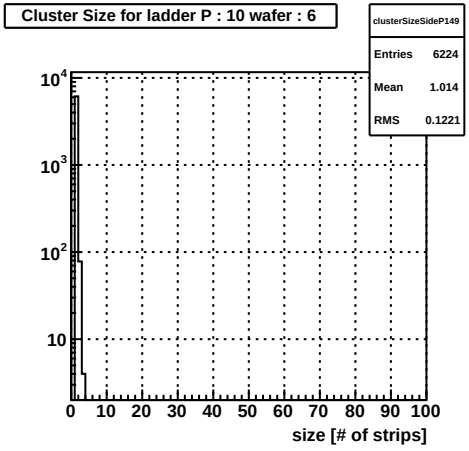

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 13433
Mean 1.006
RMS 0.07884
size [# of strips]

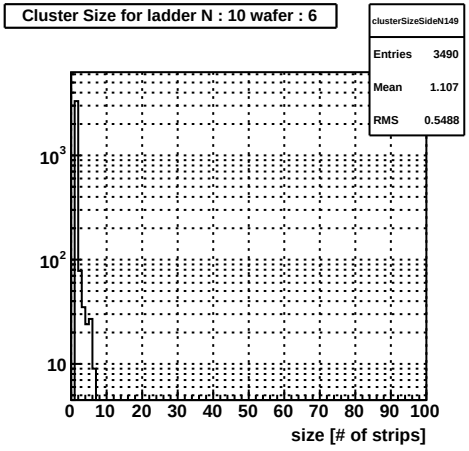

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 967
Mean 1.014
RMS 0.1278
size [# of strips]

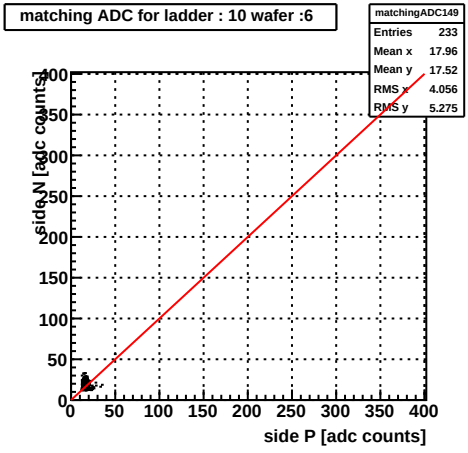

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 107
Mean x 19.65
Mean y 14.07
RMS x 5.265
RMS y 2.599
side N [adc counts]
side P [adc counts]

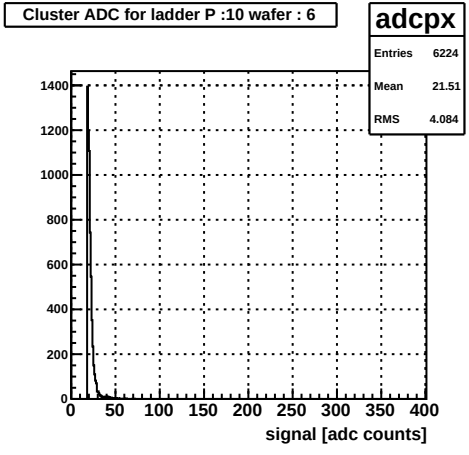

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 13433
Mean 23.57
RMS 5.135
signal [adc counts]

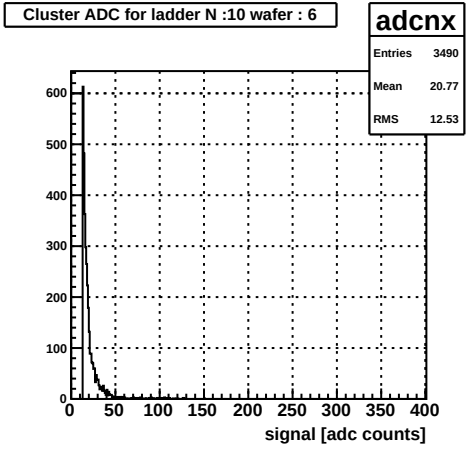

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 967
Mean 14.55
RMS 2.341
signal [adc counts]

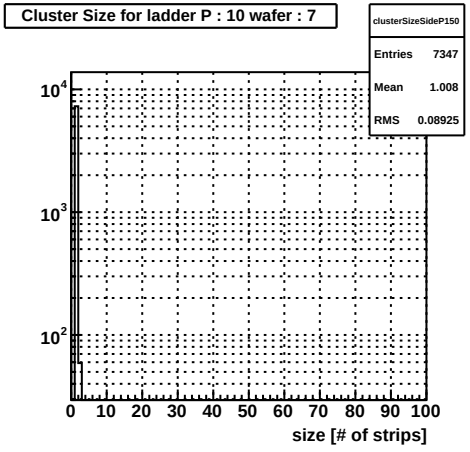

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 6224
Mean 1.014
RMS 0.1221
size [# of strips]

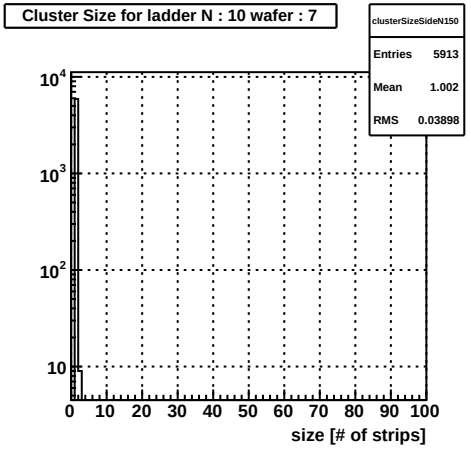

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3490
Mean 1.107
RMS 0.5488
size [# of strips]

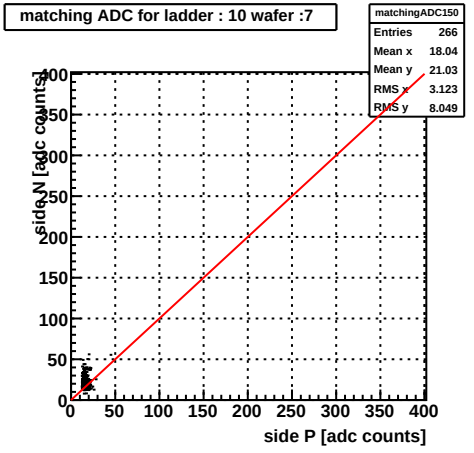

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 233
Mean x 17.96
Mean y 17.52
RMS x 4.056
RMS y 5.275
side N [adc counts]
side P [adc counts]

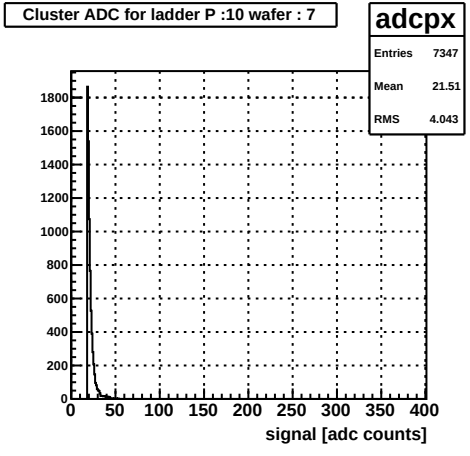

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 6224
Mean 21.51
RMS 4.084
signal [adc counts]

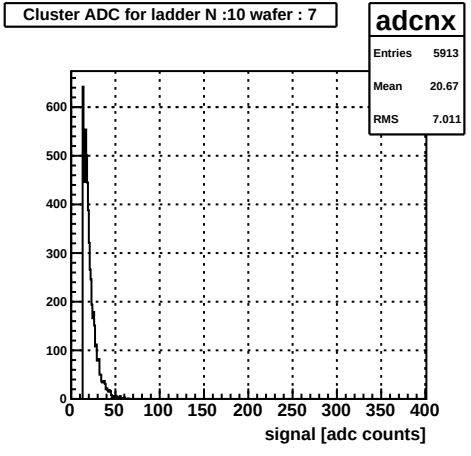

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3490
Mean 20.77
RMS 12.53
signal [adc counts]

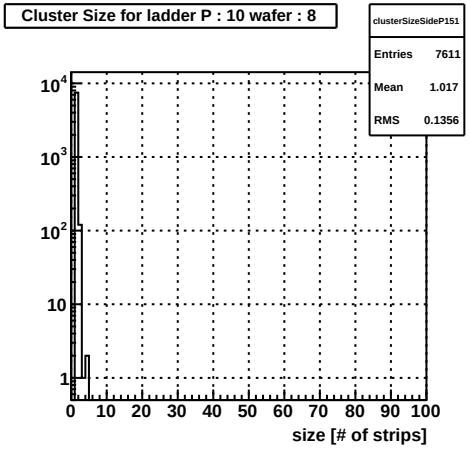

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7347
Mean 1.008
RMS 0.08925
size [# of strips]

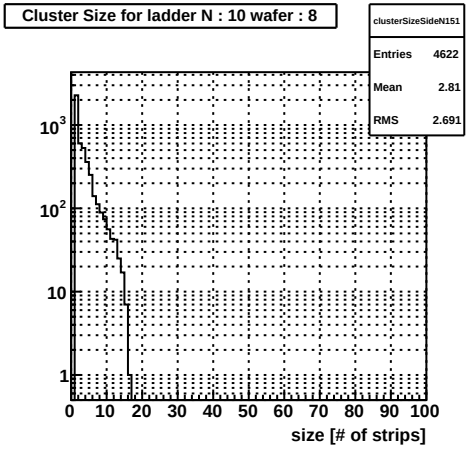

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5913
Mean 1.002
RMS 0.03898
size [# of strips]

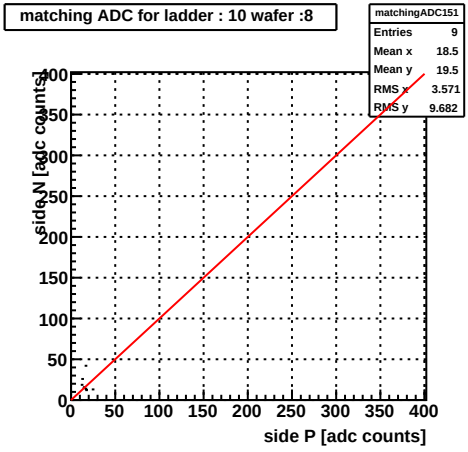

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 266
Mean x 18.04
Mean y 21.03
RMS x 3.123
RMS y 8.049
side N [adc counts]
side P [adc counts]

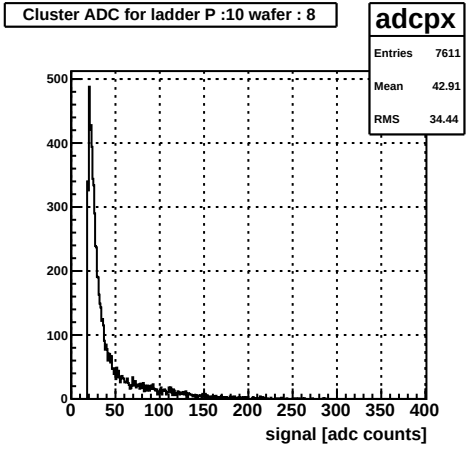

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7347
Mean 21.51
RMS 4.043
signal [adc counts]

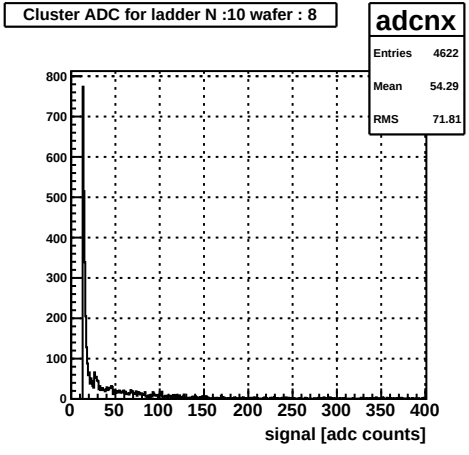

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5913
Mean 20.67
RMS 7.011
signal [adc counts]

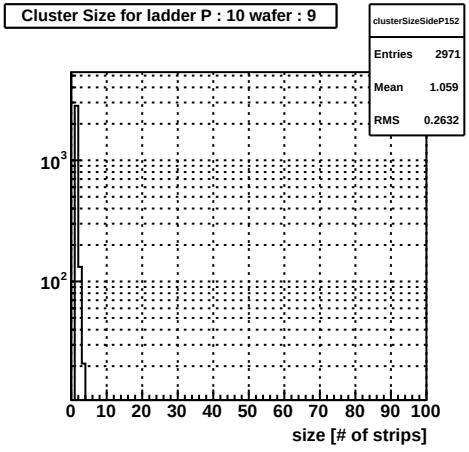

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 7611
Mean 1.017
RMS 0.1356
size [# of strips]

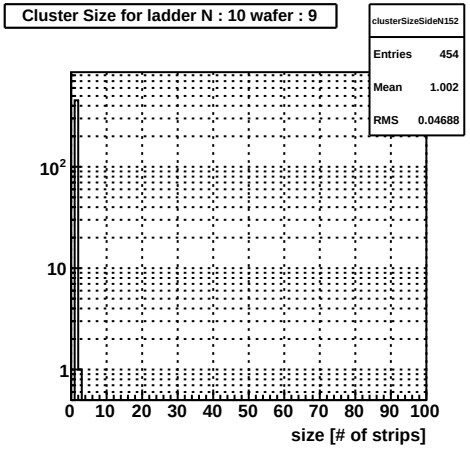

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4622
Mean 2.81
RMS 2.691
size [# of strips]

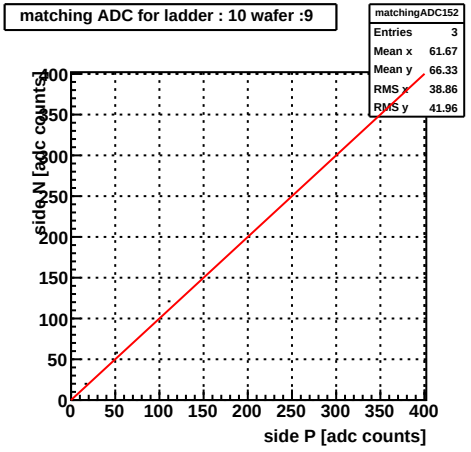

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 9
Mean x 18.5
Mean y 19.5
RMS x 3.571
RMS y 9.682
side N [adc counts]
side P [adc counts]

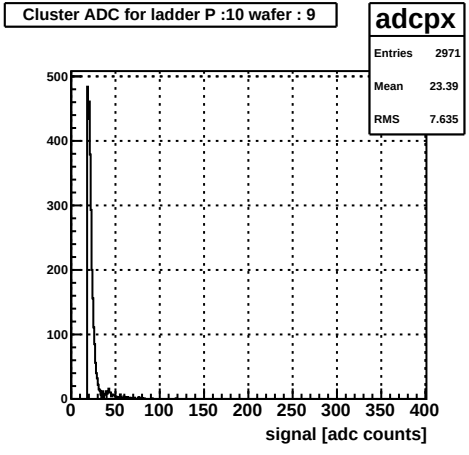

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 7611
Mean 42.91
RMS 34.44
signal [adc counts]

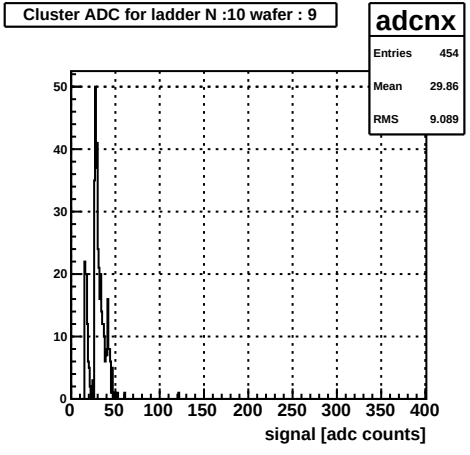

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4622
Mean 54.29
RMS 71.81
signal [adc counts]

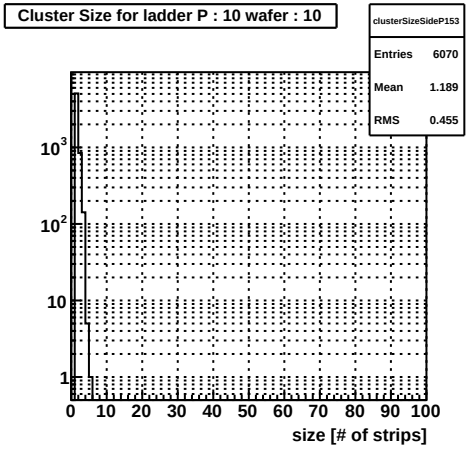

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2971
Mean 1.059
RMS 0.2632
size [# of strips]

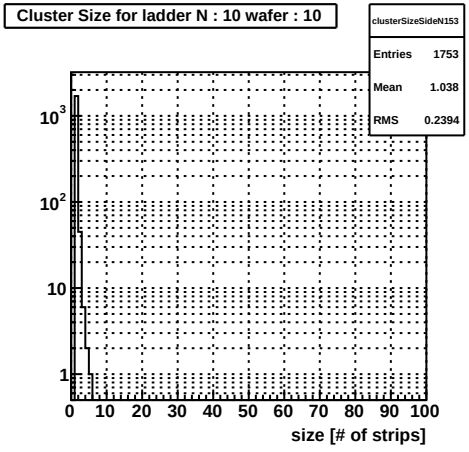

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 454
Mean 1.002
RMS 0.04688
size [# of strips]

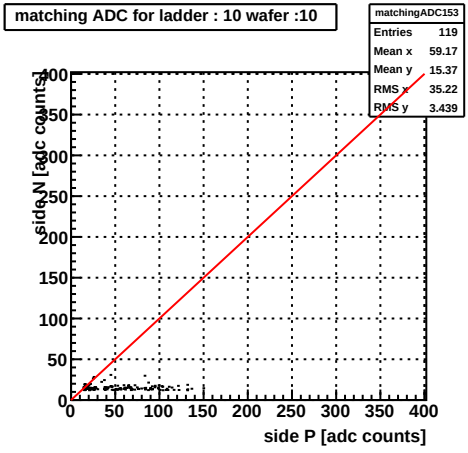

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3
Mean x 61.67
Mean y 66.33
RMS x 38.86
RMS y 41.96
side N [adc counts]
side P [adc counts]

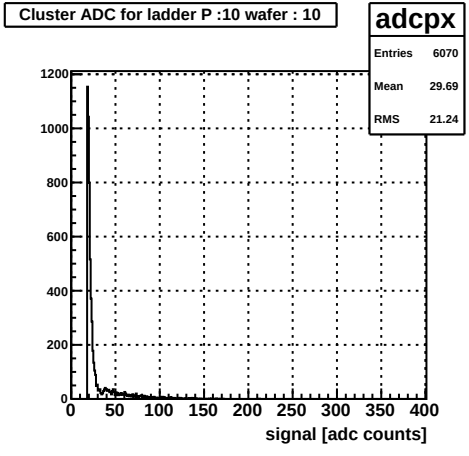

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2971
Mean 23.39
RMS 7.635
signal [adc counts]

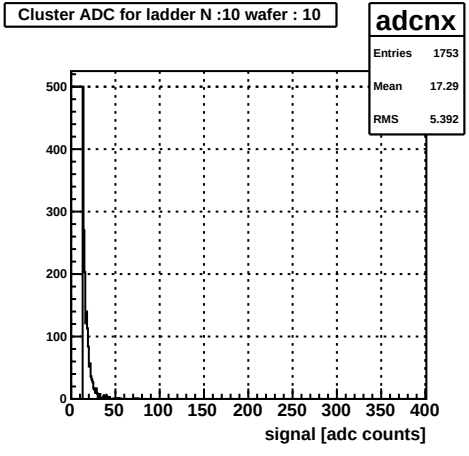

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 454
Mean 29.86
RMS 9.089
signal [adc counts]

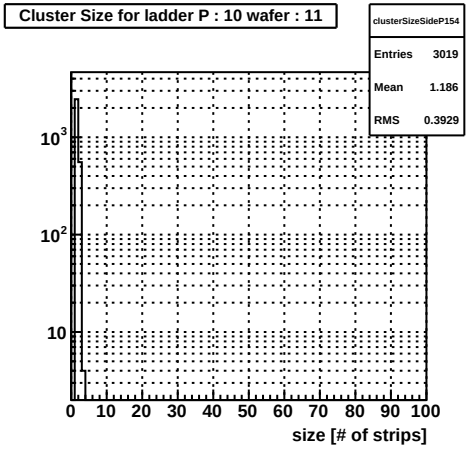

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6070
Mean 1.189
RMS 0.455
size [# of strips]

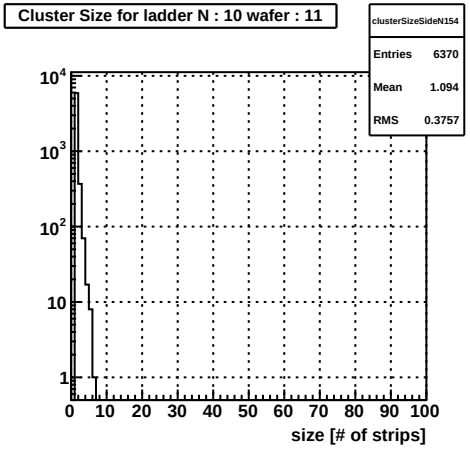

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1753
Mean 1.038
RMS 0.2394
size [# of strips]

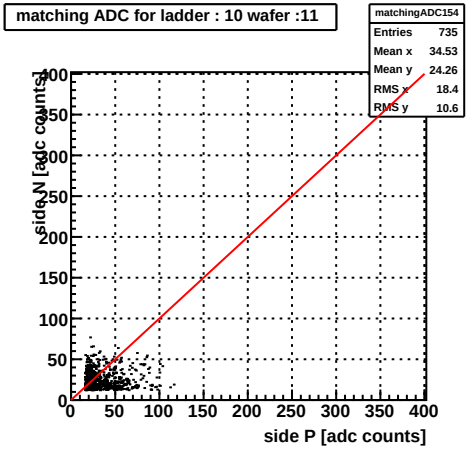

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 119
Mean x 59.17
Mean y 15.37
RMS x 35.22
RMS y 3.439
side N [adc counts]
side P [adc counts]

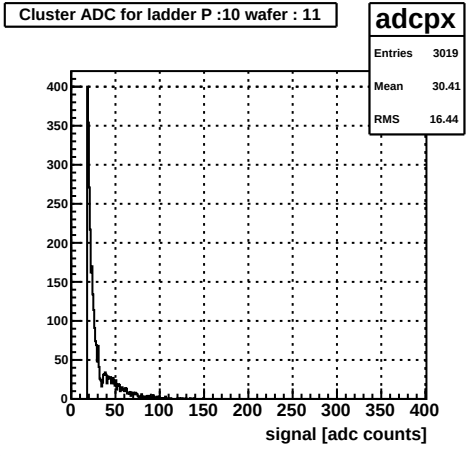

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6070
Mean 29.69
RMS 21.24
signal [adc counts]

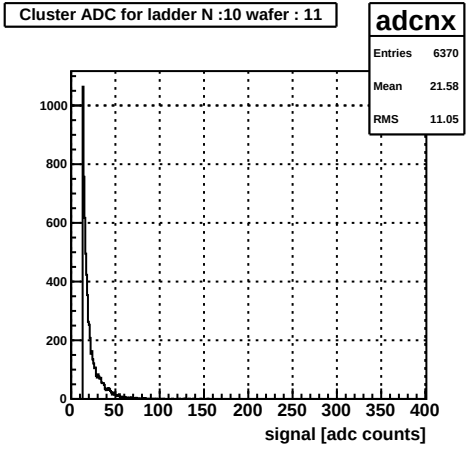

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1753
Mean 17.29
RMS 5.392
signal [adc counts]

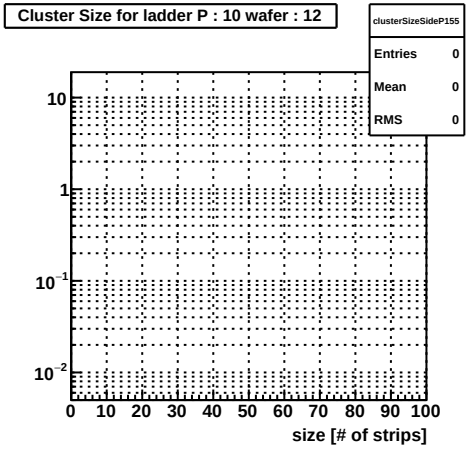

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3019
Mean 1.186
RMS 0.3929
size [# of strips]

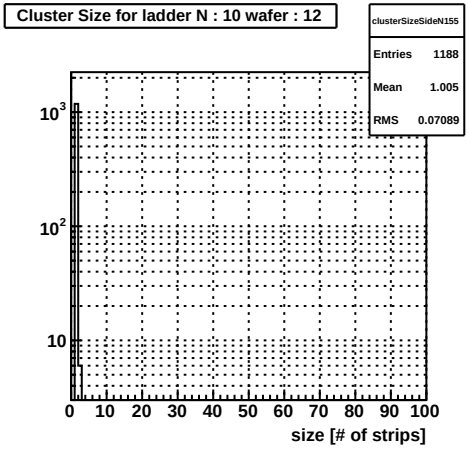

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6370
Mean 1.094
RMS 0.3757
size [# of strips]

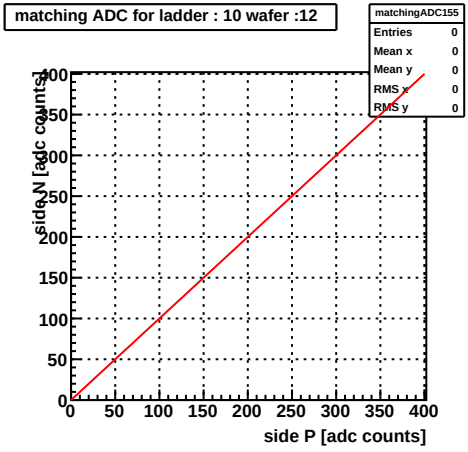

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 735
Mean x 34.53
Mean y 24.26
RMS x 18.4
RMS y 10.6
side N [adc counts]
side P [adc counts]

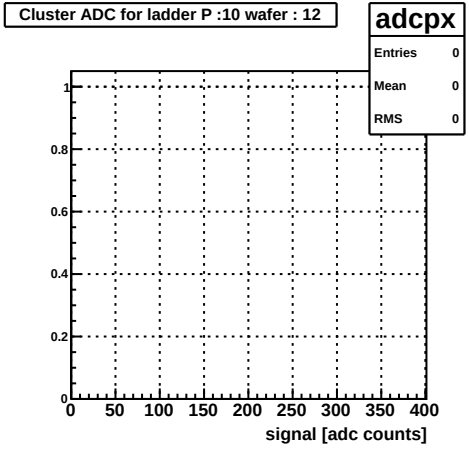

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3019
Mean 30.41
RMS 16.44
signal [adc counts]

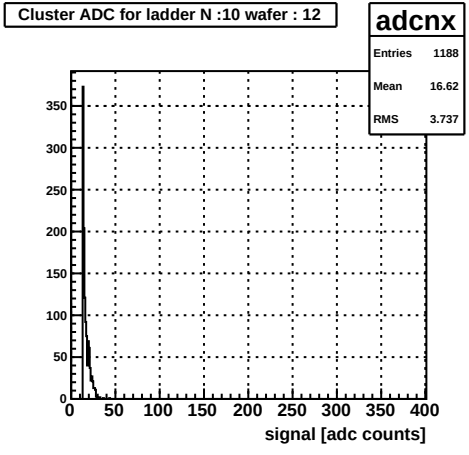

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6370
Mean 21.58
RMS 11.05
signal [adc counts]

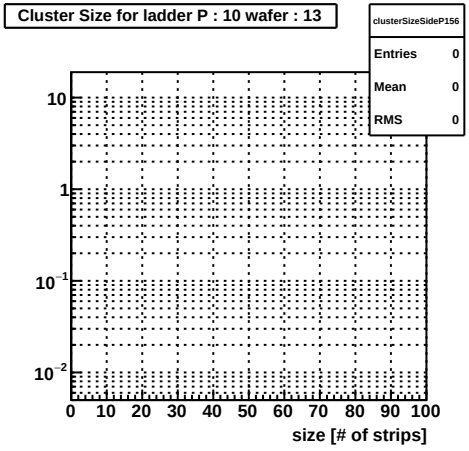

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

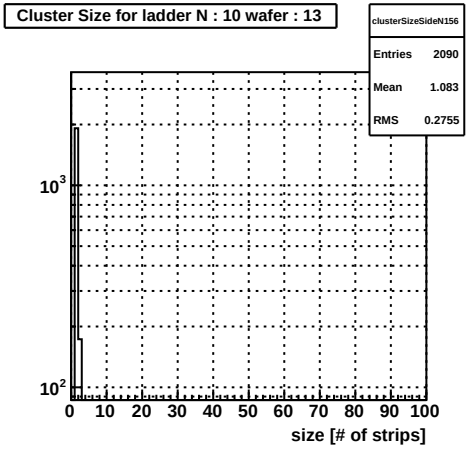

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1188
Mean 1.005
RMS 0.07089
size [# of strips]

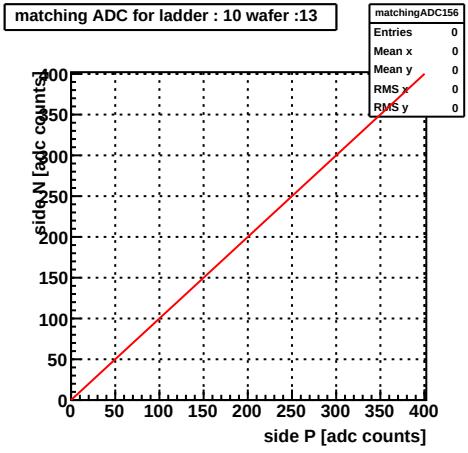

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

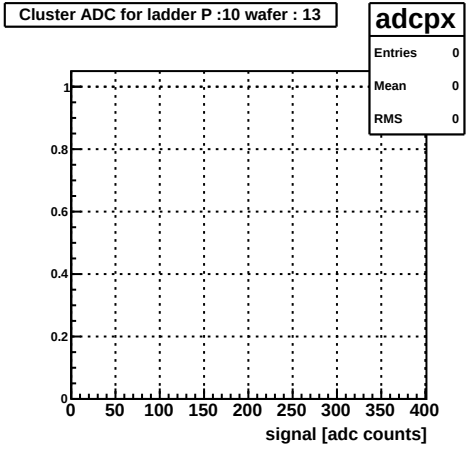

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

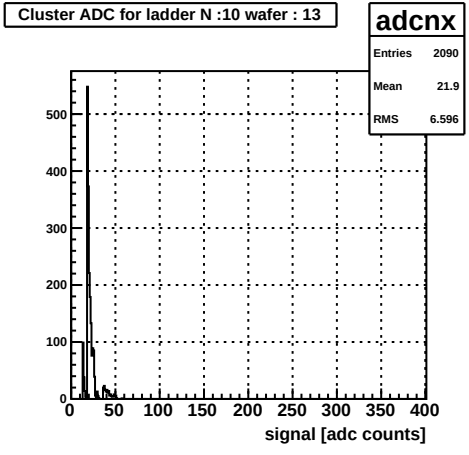

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1188
Mean 16.62
RMS 3.737
signal [adc counts]

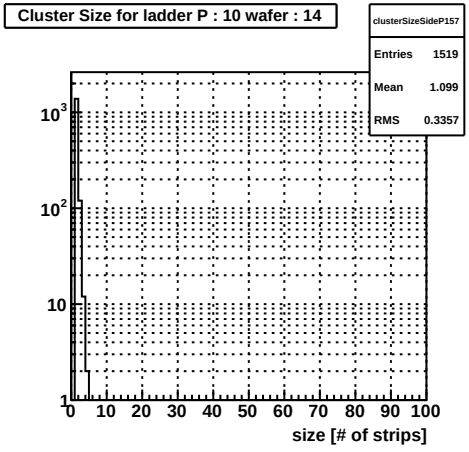

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

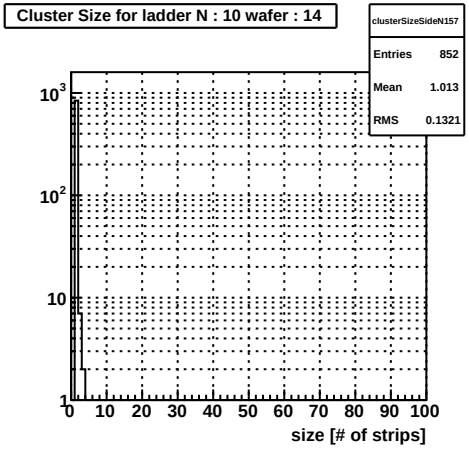

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2090
Mean 1.083
RMS 0.2755
size [# of strips]

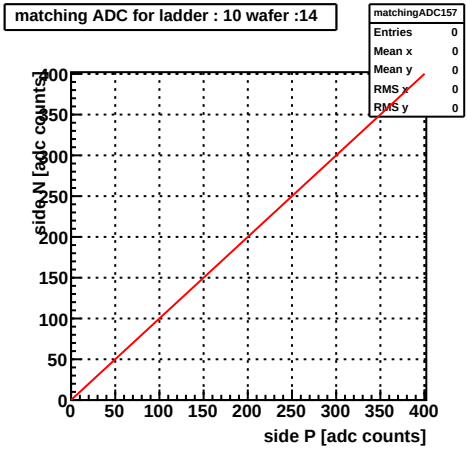

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

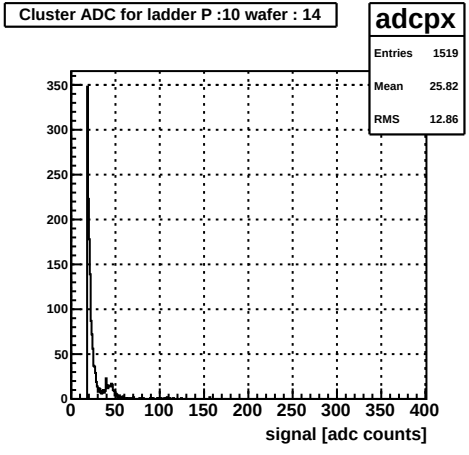

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

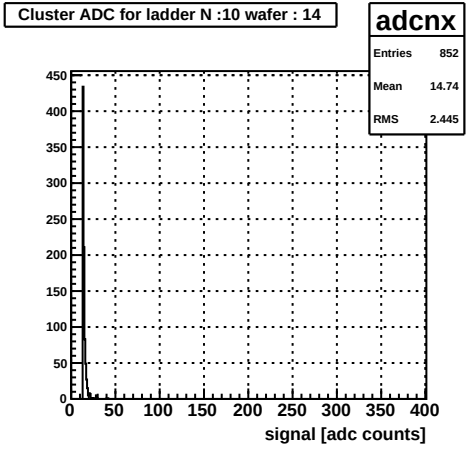

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2090
Mean 21.9
RMS 6.596
signal [adc counts]

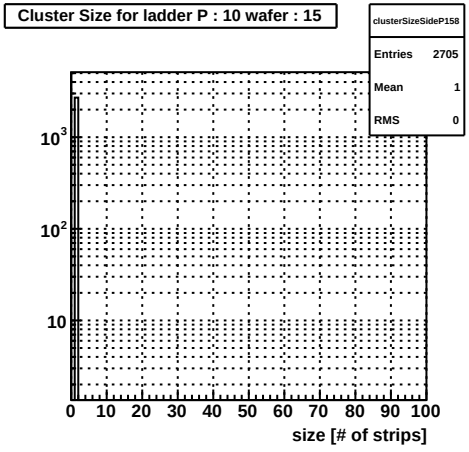

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1519
Mean 1.099
RMS 0.3357
size [# of strips]

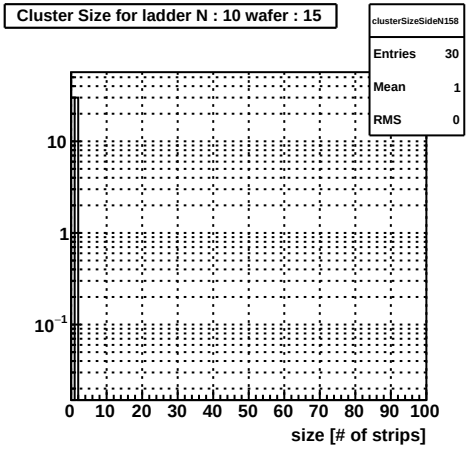

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 852
Mean 1.013
RMS 0.1321
size [# of strips]

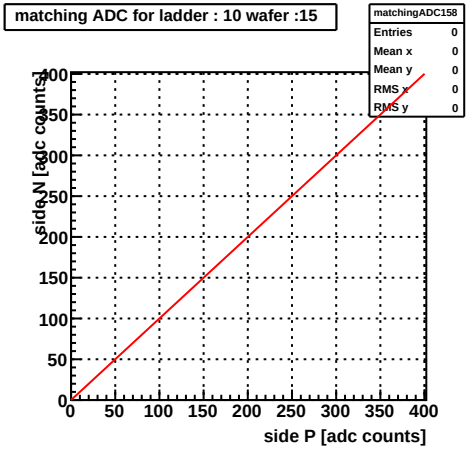

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

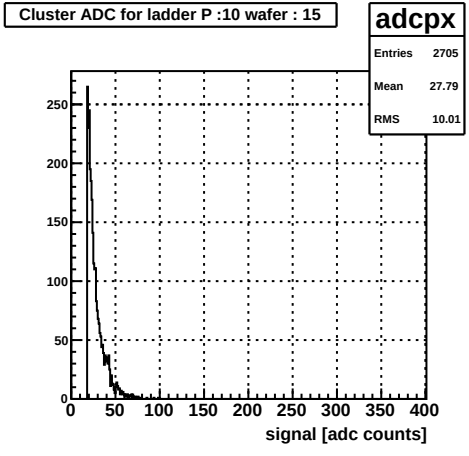

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1519
Mean 25.82
RMS 12.86
signal [adc counts]

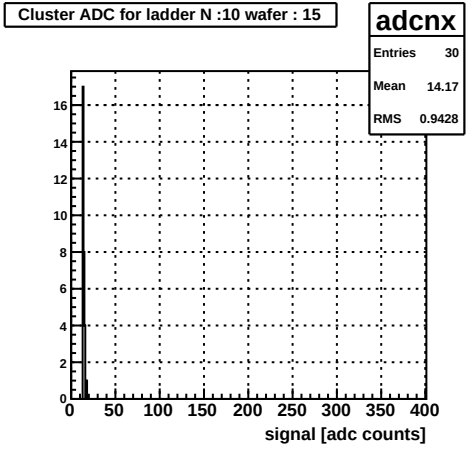

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 852
Mean 14.74
RMS 2.445
signal [adc counts]

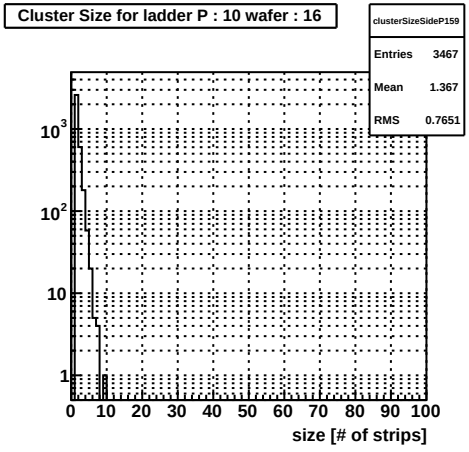

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2705
Mean 1
RMS 0
size [# of strips]

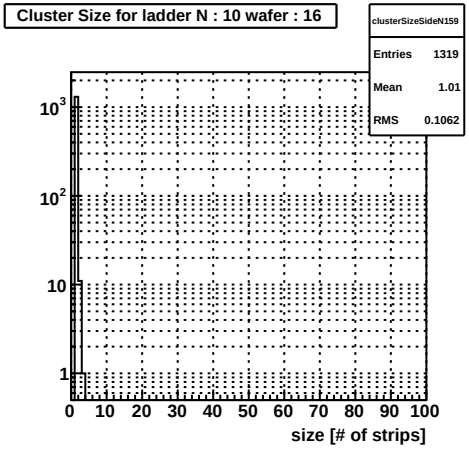

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 30
Mean 1
RMS 0
size [# of strips]

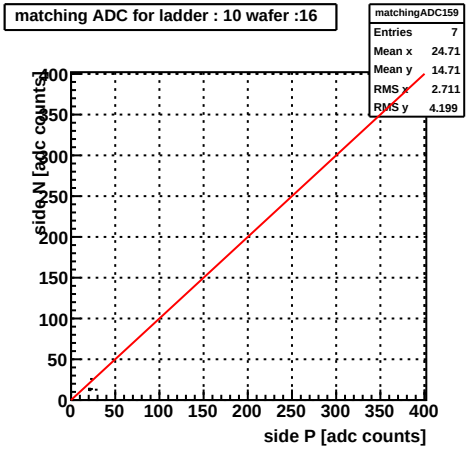

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

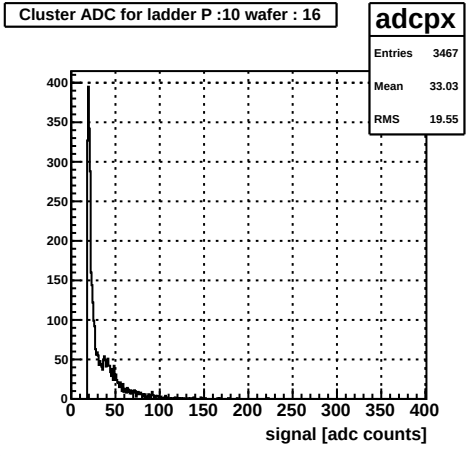

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2705
Mean 27.79
RMS 10.01
signal [adc counts]

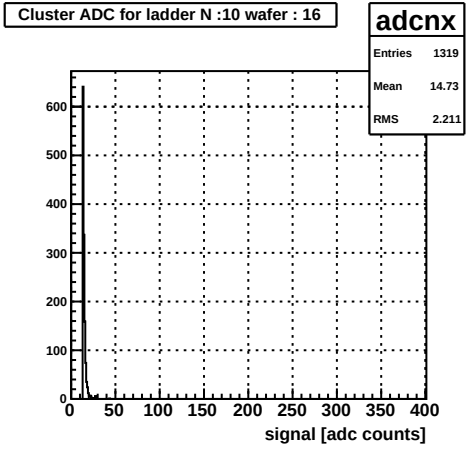

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 30
Mean 14.17
RMS 0.9428
signal [adc counts]

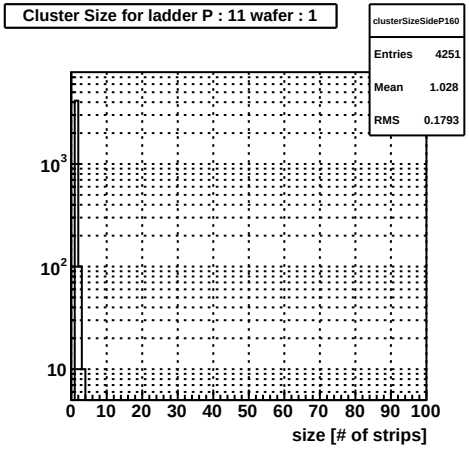

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3467
Mean 1.367
RMS 0.7651
size [# of strips]

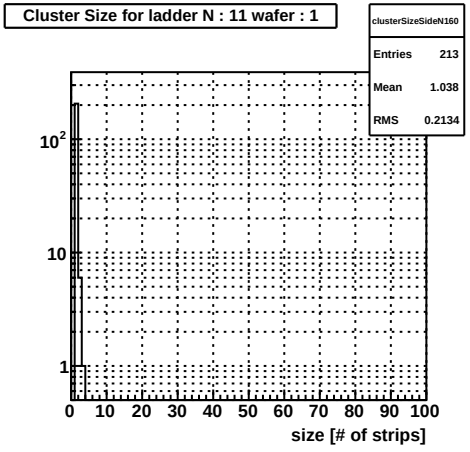

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1319
Mean 1.01
RMS 0.1062
size [# of strips]

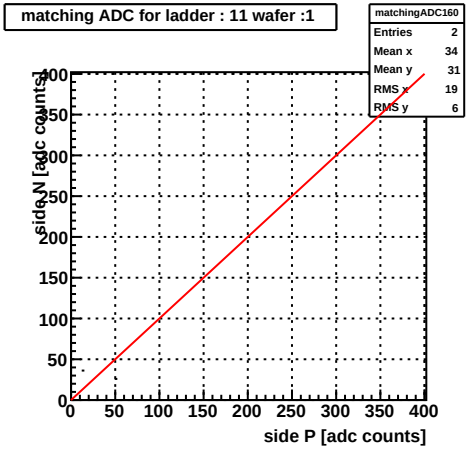

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 7
Mean x 24.71
Mean y 14.71
RMS x 2.711
RMS y 4.199
side N [adc counts]
side P [adc counts]

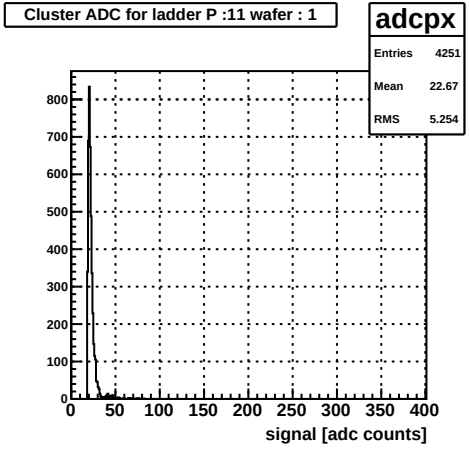

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3467
Mean 33.03
RMS 19.55
signal [adc counts]

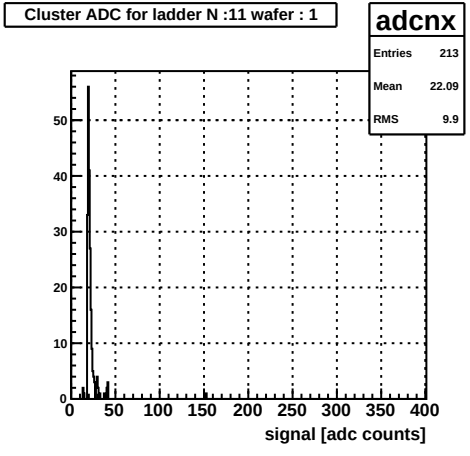

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1319
Mean 14.73
RMS 2.211
signal [adc counts]

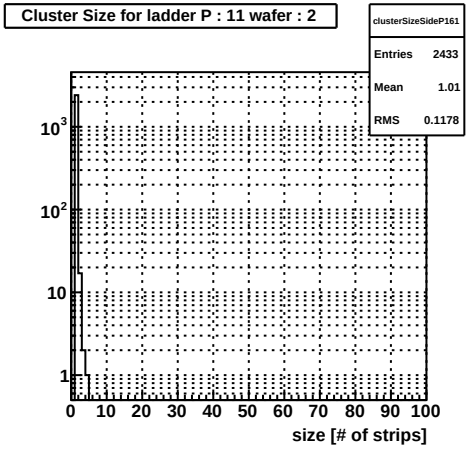

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4251
Mean 1.028
RMS 0.1793
size [# of strips]

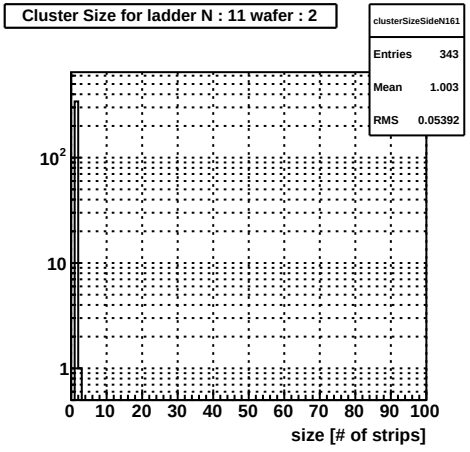

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 213
Mean 1.038
RMS 0.2134
size [# of strips]

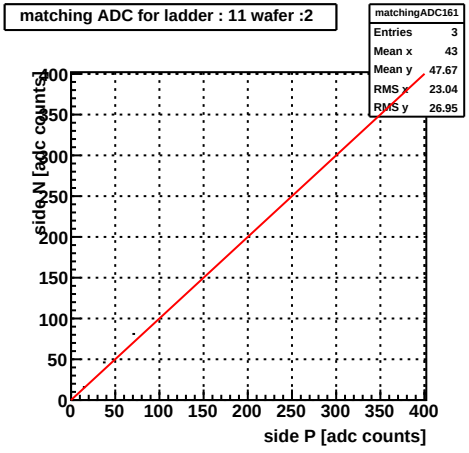

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 2
Mean x 34
Mean y 31
RMS x 19
RMS y 6
side N [adc counts]
side P [adc counts]

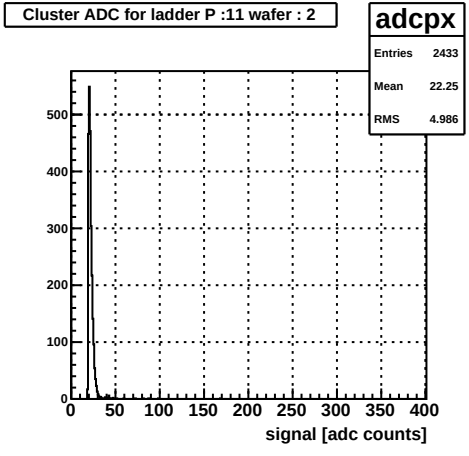

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4251
Mean 22.67
RMS 5.254
signal [adc counts]

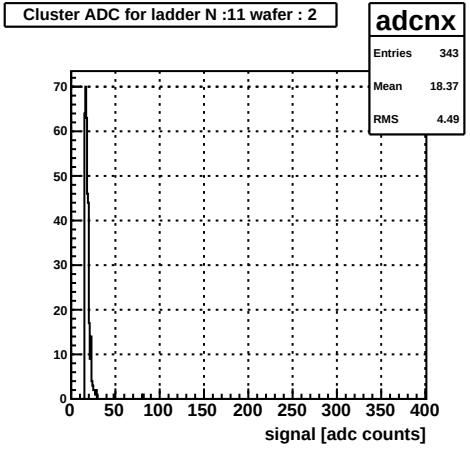

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 213
Mean 22.09
RMS 9.9
signal [adc counts]

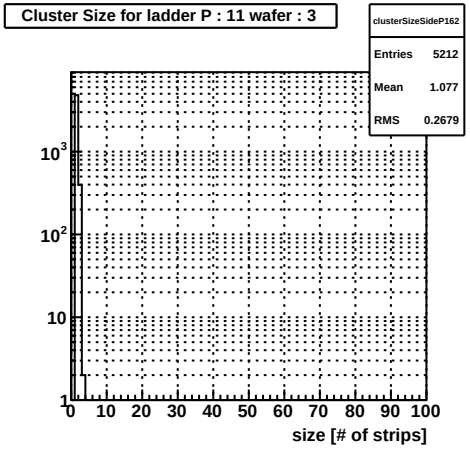

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2433
Mean 1.01
RMS 0.1178
size [# of strips]

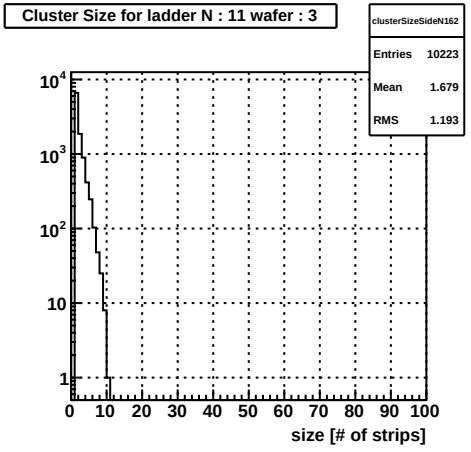

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 343
Mean 1.003
RMS 0.05392
size [# of strips]

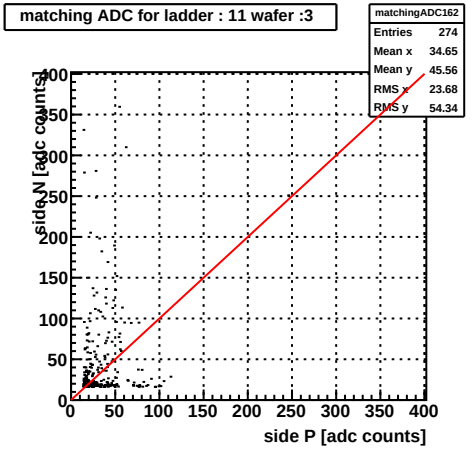

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 3
Mean x 43
Mean y 47.67
RMS x 23.04
RMS y 26.95
side N [adc counts]
side P [adc counts]

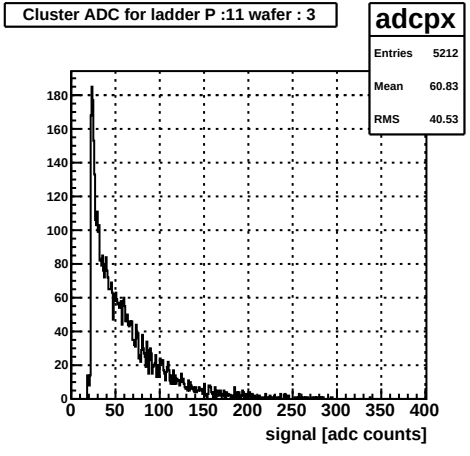

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2433
Mean 22.25
RMS 4.986
signal [adc counts]

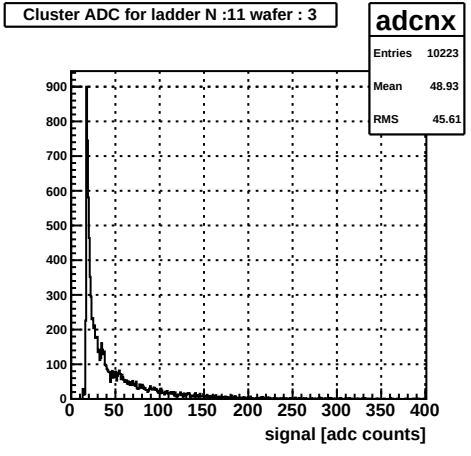

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 343
Mean 18.37
RMS 4.49
signal [adc counts]

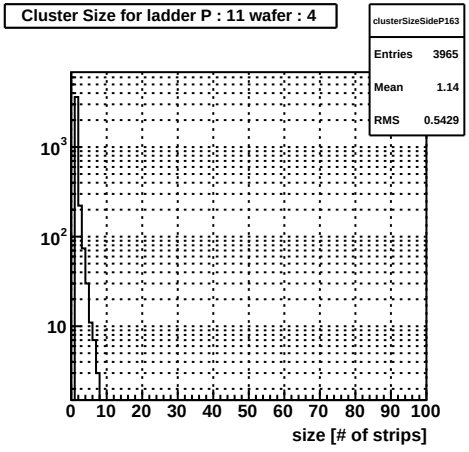

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 5212
Mean 1.077
RMS 0.2679
size [# of strips]

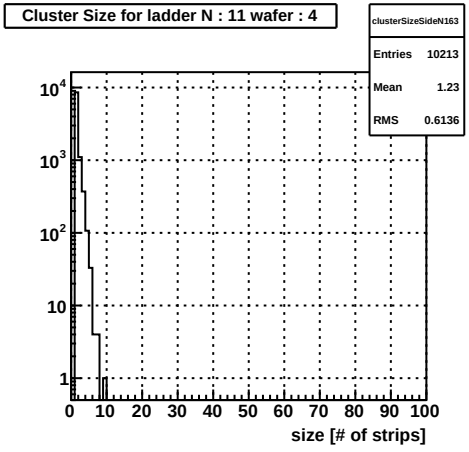

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 10223
Mean 1.679
RMS 1.193
size [# of strips]

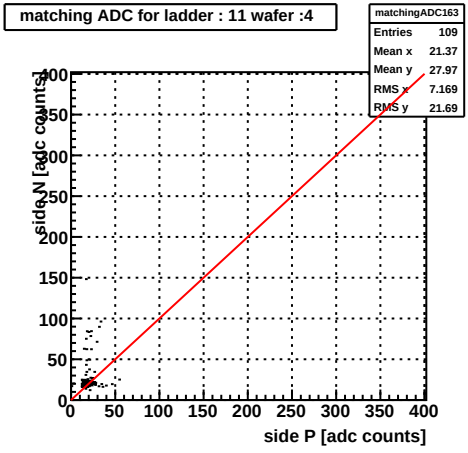

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 274
Mean x 34.65
Mean y 45.56
RMS x 23.68
RMS y 54.34
side N [adc counts]
side P [adc counts]

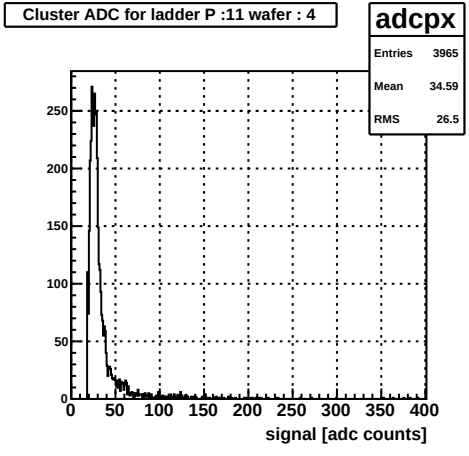

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 5212
Mean 60.83
RMS 40.53
signal [adc counts]

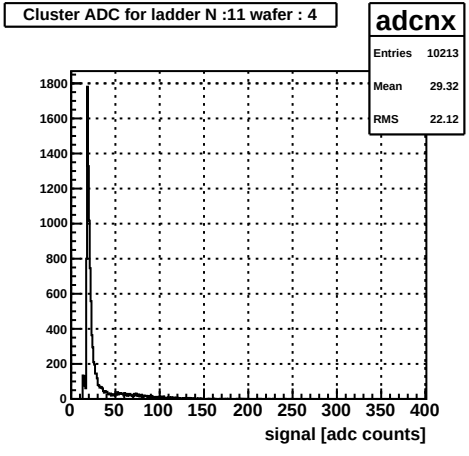

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 10223
Mean 48.93
RMS 45.61
signal [adc counts]

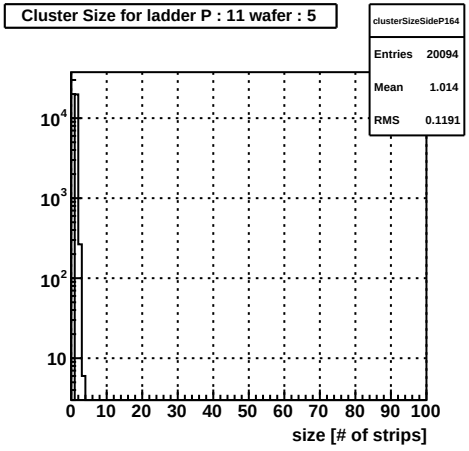

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3965
Mean 1.14
RMS 0.5429
size [# of strips]

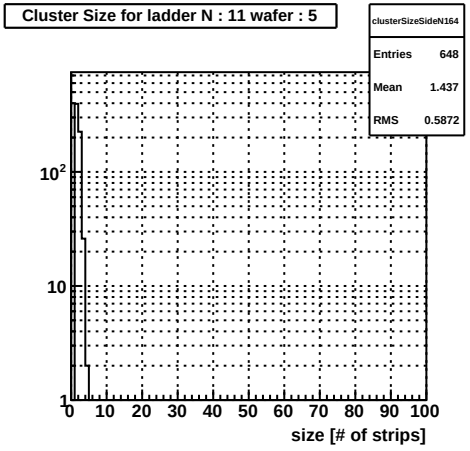

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10213
Mean 1.23
RMS 0.6136
size [# of strips]

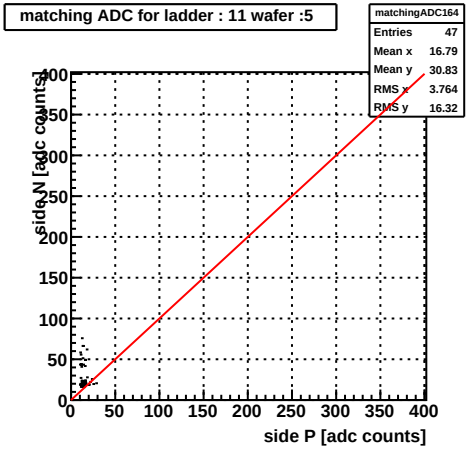

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 109
Mean x 21.37
Mean y 27.97
RMS x 7.169
RMS y 21.69
side N [adc counts]
side P [adc counts]

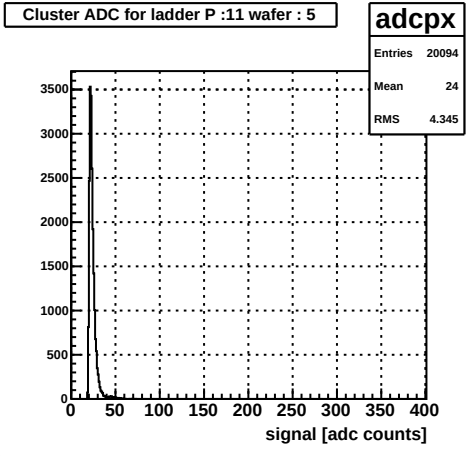

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3965
Mean 34.59
RMS 26.5
signal [adc counts]

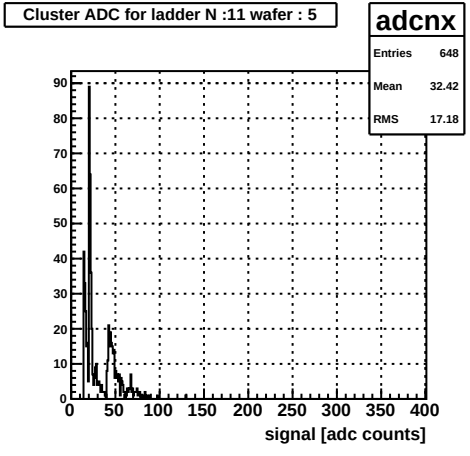

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10213
Mean 29.32
RMS 22.12
signal [adc counts]

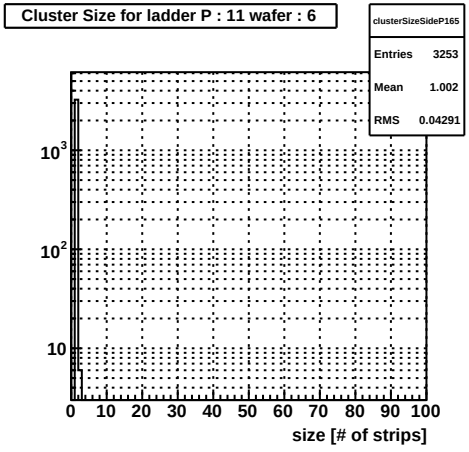

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 20094
Mean 1.014
RMS 0.1191
size [# of strips]

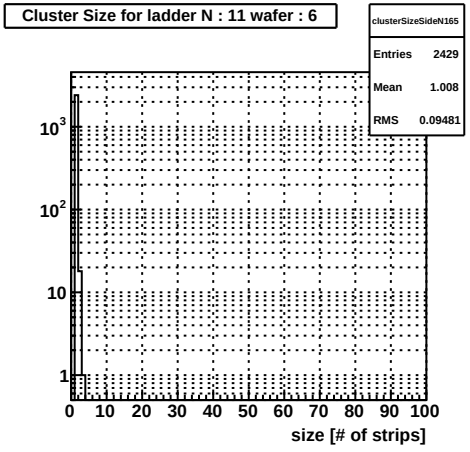

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 648
Mean 1.437
RMS 0.5872
size [# of strips]

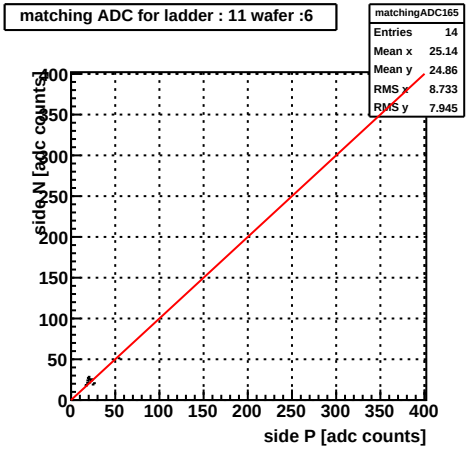

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 47
Mean x 16.79
Mean y 30.83
RMS x 3.764
RMS y 16.32
side N [adc counts]
side P [adc counts]

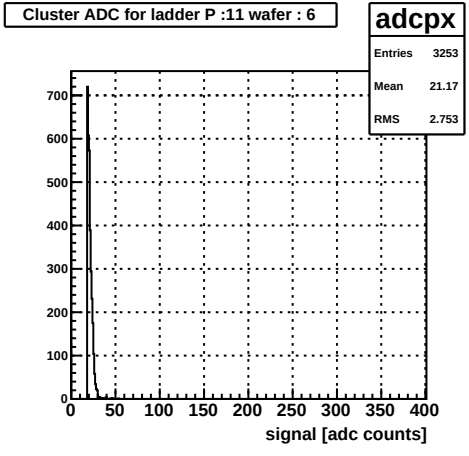

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 20094
Mean 24
RMS 4.345
signal [adc counts]

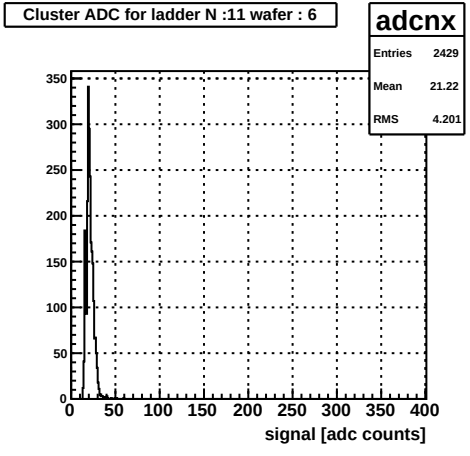

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 648
Mean 32.42
RMS 17.18
signal [adc counts]

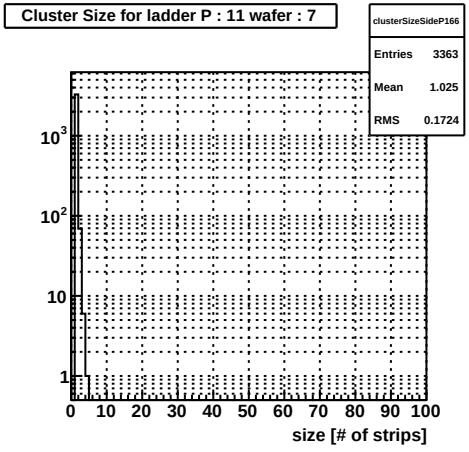

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3253
Mean 1.002
RMS 0.04291
size [# of strips]

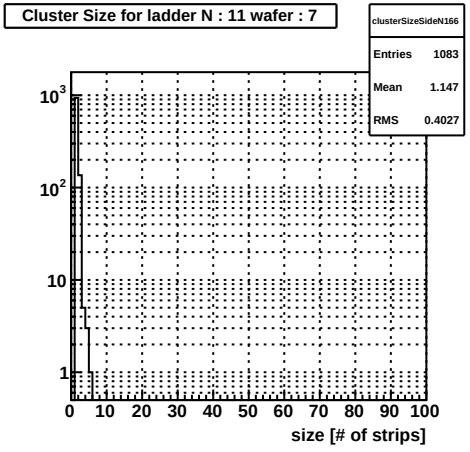

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2429
Mean 1.008
RMS 0.09481
size [# of strips]

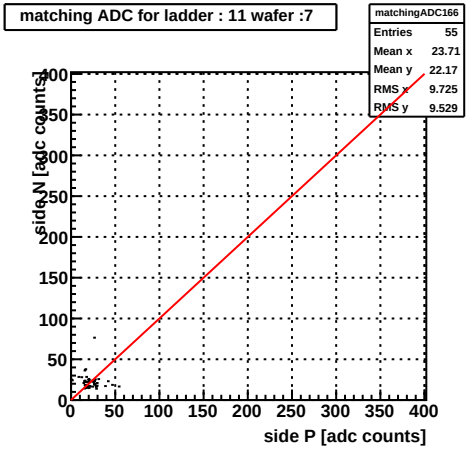

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 14
Mean x 25.14
Mean y 24.86
RMS x 8.733
RMS y 7.945
side N [adc counts]
side P [adc counts]

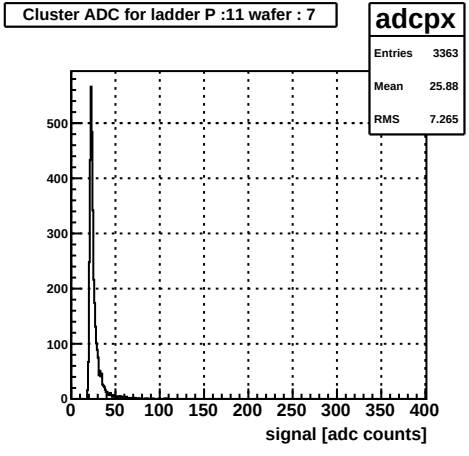

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3253
Mean 21.17
RMS 2.753
signal [adc counts]

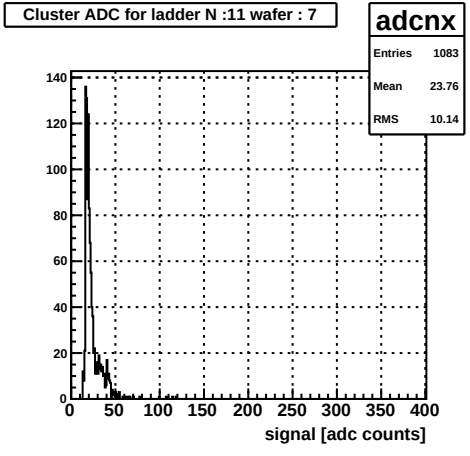

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2429
Mean 21.22
RMS 4.201
signal [adc counts]

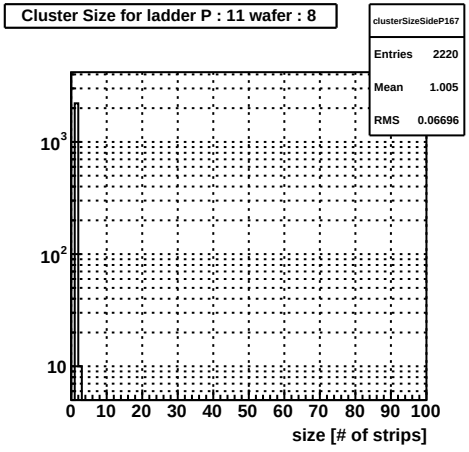

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3363
Mean 1.025
RMS 0.1724
size [# of strips]

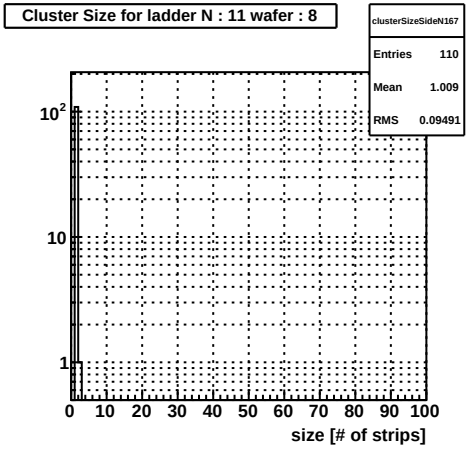

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1083
Mean 1.147
RMS 0.4027
size [# of strips]

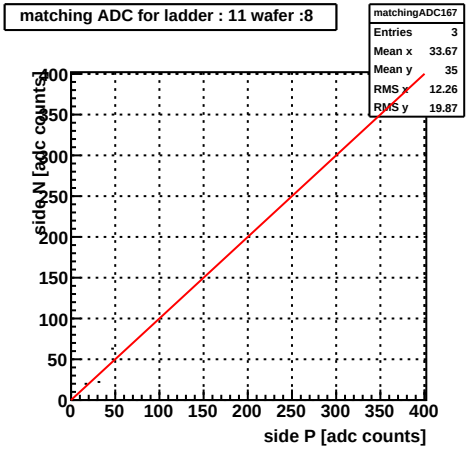

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 55
Mean x 23.71
Mean y 22.17
RMS x 9.725
RMS y 9.529
side N [adc counts]
side P [adc counts]

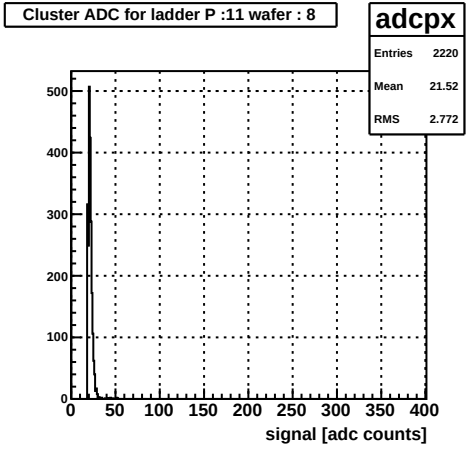

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3363
Mean 25.88
RMS 7.265
signal [adc counts]

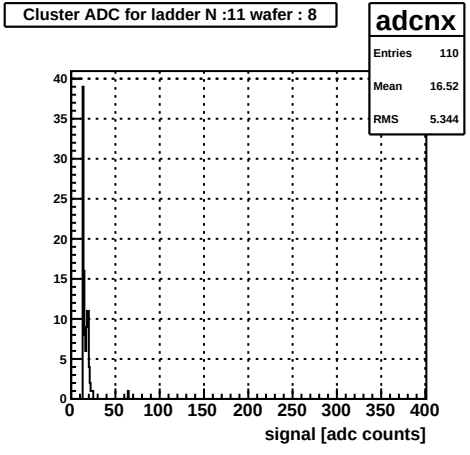

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1083
Mean 23.76
RMS 10.14
signal [adc counts]

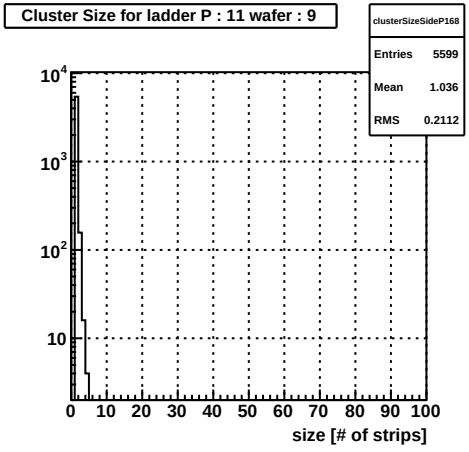

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2220
Mean 1.005
RMS 0.06696
size [# of strips]

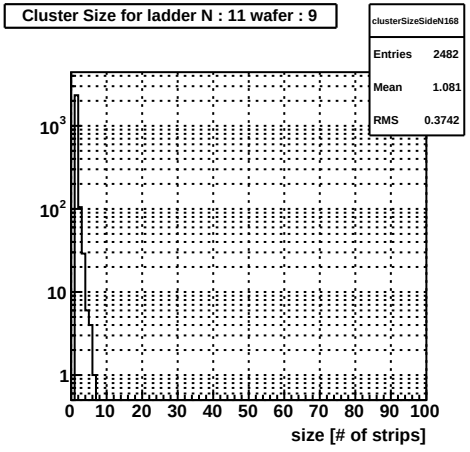

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 110
Mean 1.009
RMS 0.09491
size [# of strips]

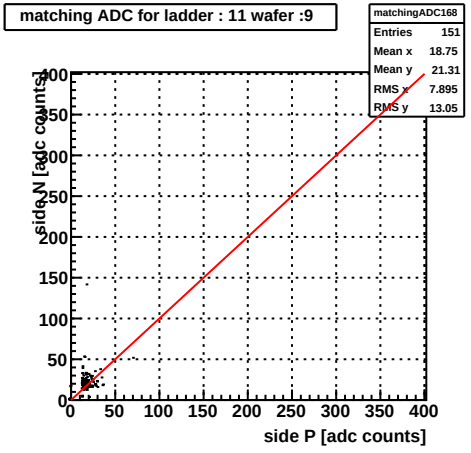

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 3
Mean x 33.67
Mean y 35
RMS x 12.26
RMS y 19.87
side N [adc counts]
side P [adc counts]

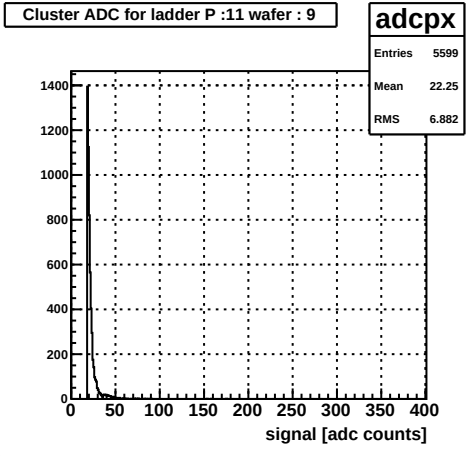

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2220
Mean 21.52
RMS 2.772
signal [adc counts]

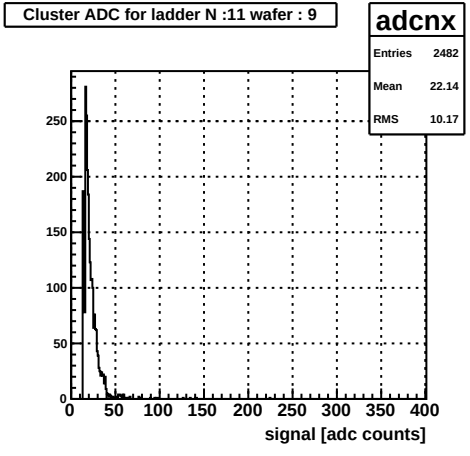

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 110
Mean 16.52
RMS 5.344
signal [adc counts]

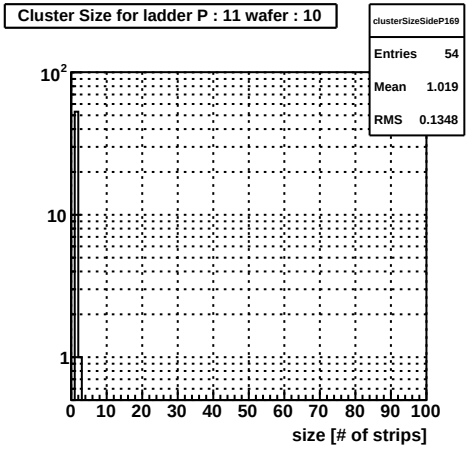

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5599
Mean 1.036
RMS 0.2112
size [# of strips]

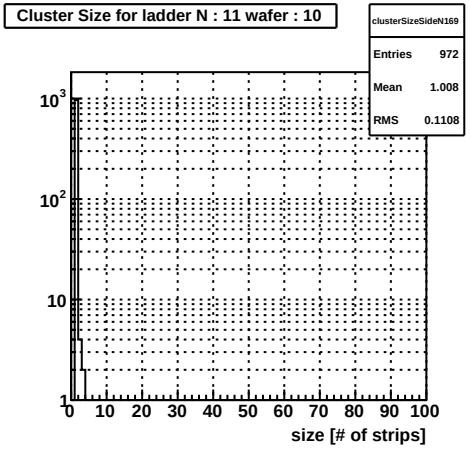

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2482
Mean 1.081
RMS 0.3742
size [# of strips]

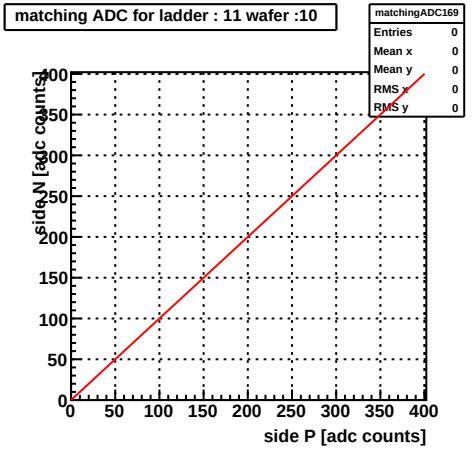

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 151
Mean x 18.75
Mean y 21.31
RMS x 7.895
RMS y 13.05
side N [adc counts]
side P [adc counts]

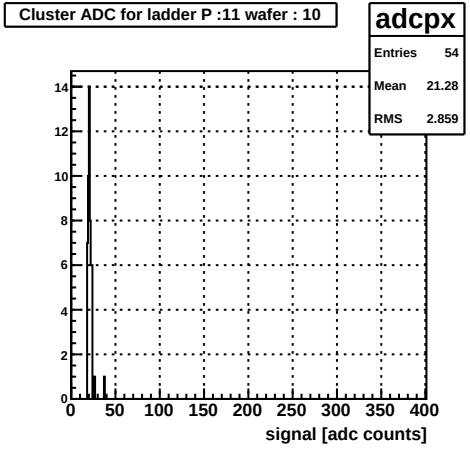

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5599
Mean 22.25
RMS 6.882
signal [adc counts]

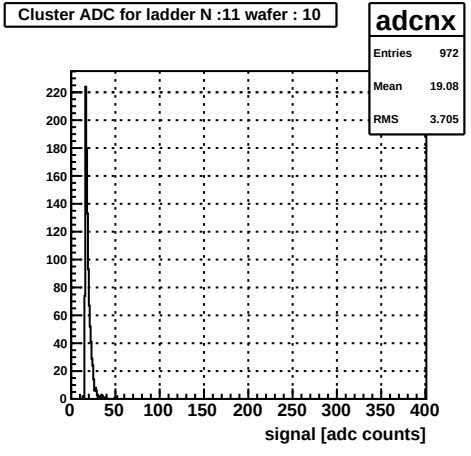

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2482
Mean 22.14
RMS 10.17
signal [adc counts]

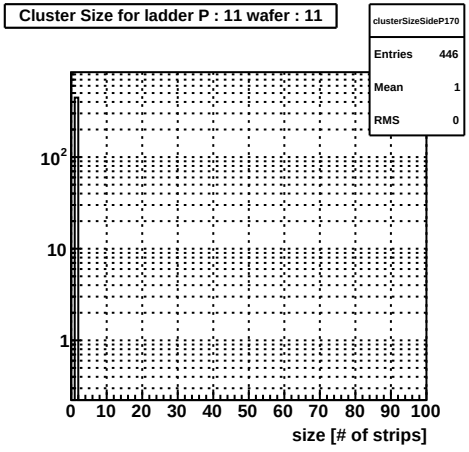

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 54
Mean 1.019
RMS 0.1348
size [# of strips]

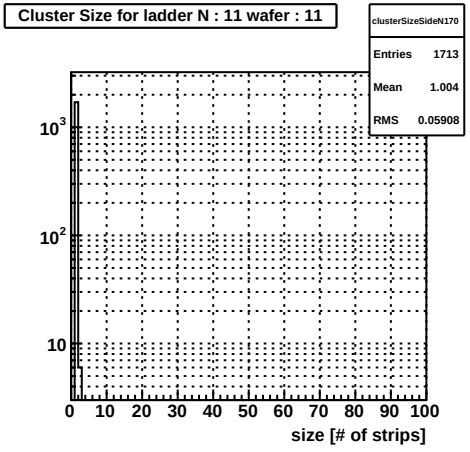

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 972
Mean 1.008
RMS 0.1108
size [# of strips]

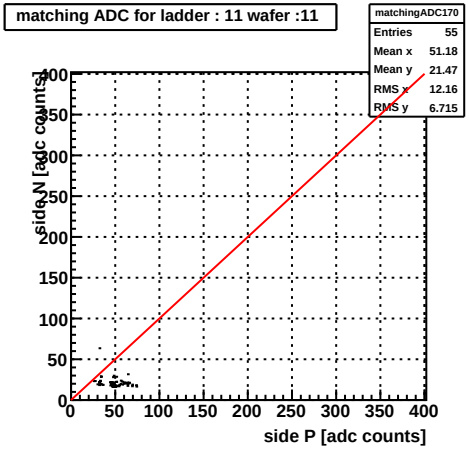

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

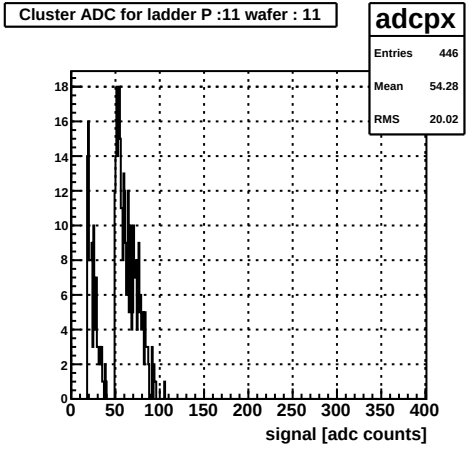

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 54
Mean 21.28
RMS 2.859
signal [adc counts]

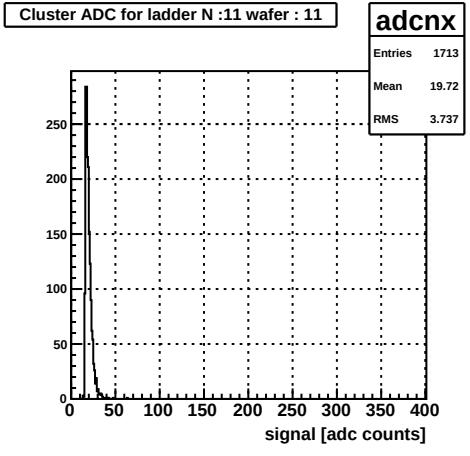

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 972
Mean 19.08
RMS 3.705
signal [adc counts]

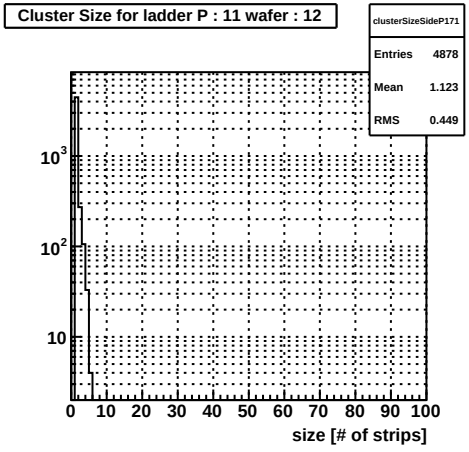

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 446
Mean 1
RMS 0
size [# of strips]

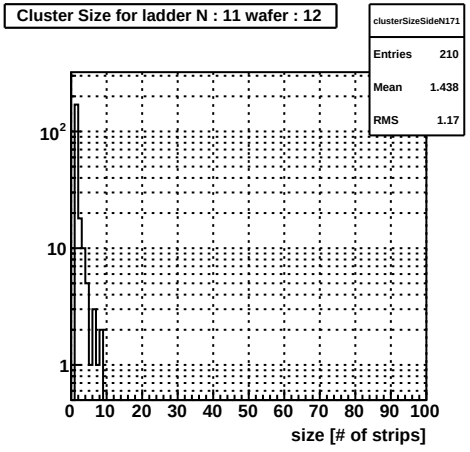

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1713
Mean 1.004
RMS 0.05908
size [# of strips]

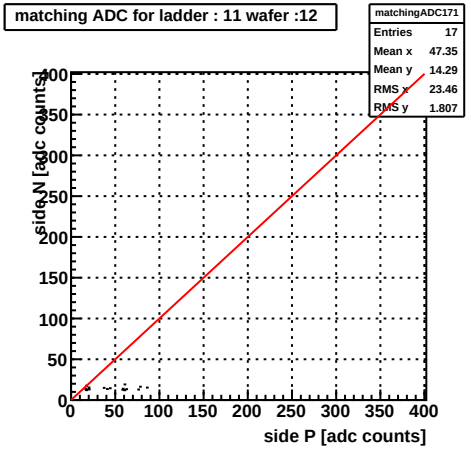

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 55
Mean x 51.18
Mean y 21.47
RMS x 12.16
RMS y 6.715
side N [adc counts]
side P [adc counts]

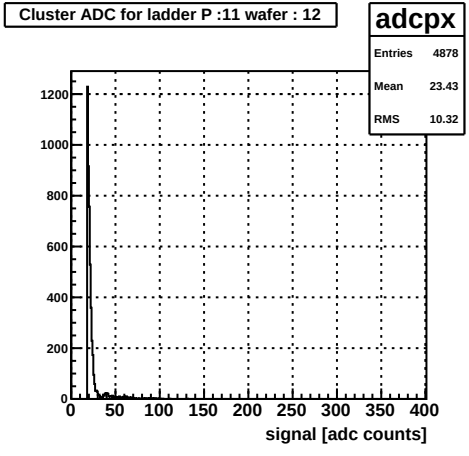

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 446
Mean 54.28
RMS 20.02
signal [adc counts]

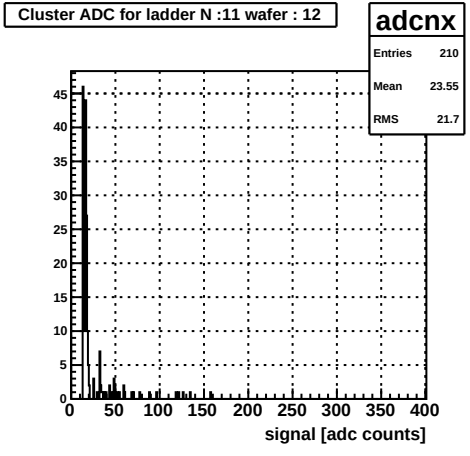

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1713
Mean 19.72
RMS 3.737
signal [adc counts]

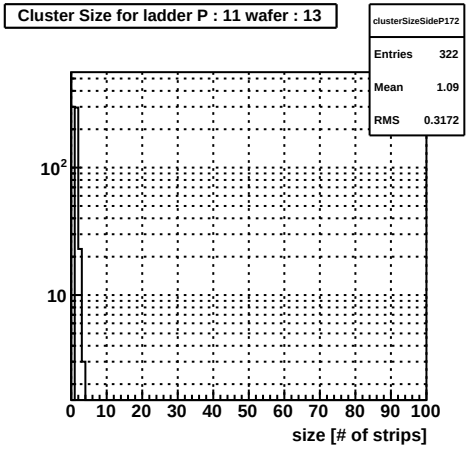

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 4878
Mean 1.123
RMS 0.449
size [# of strips]

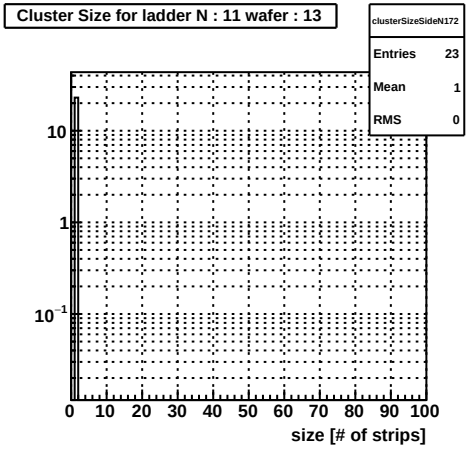

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 210
Mean 1.438
RMS 1.17
size [# of strips]

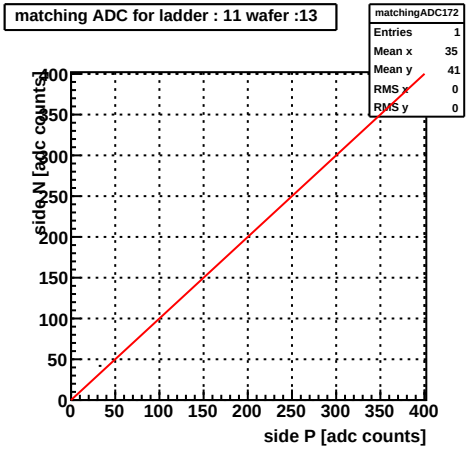

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 17
Mean x 47.35
Mean y 14.29
RMS x 23.46
RMS y 1.807
side N [adc counts]
side P [adc counts]

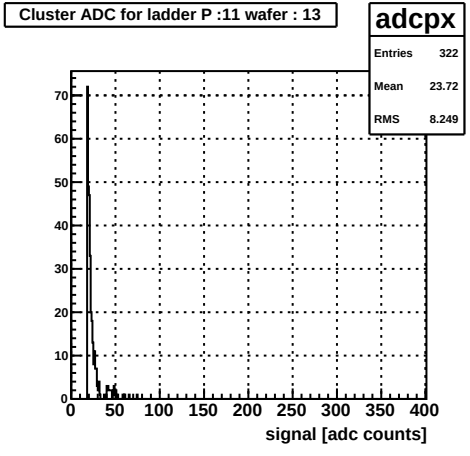

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 4878
Mean 23.43
RMS 10.32
signal [adc counts]

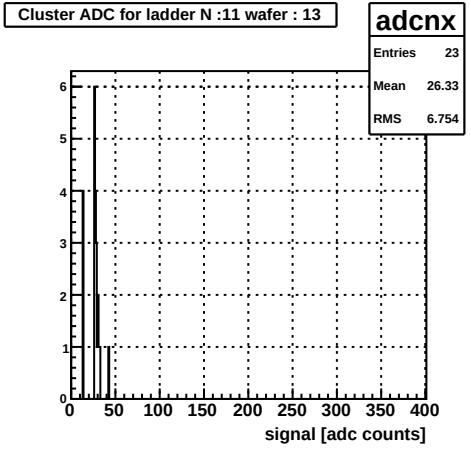

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 210
Mean 23.55
RMS 21.7
signal [adc counts]

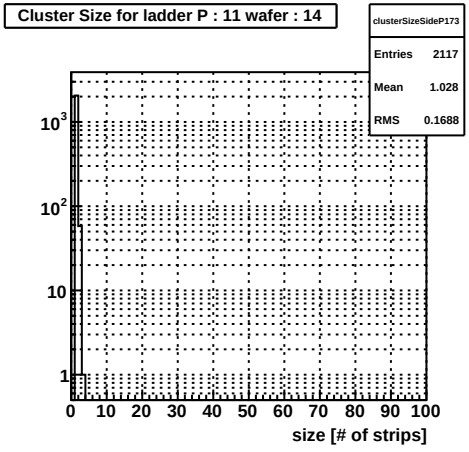

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 322
Mean 1.09
RMS 0.3172
size [# of strips]

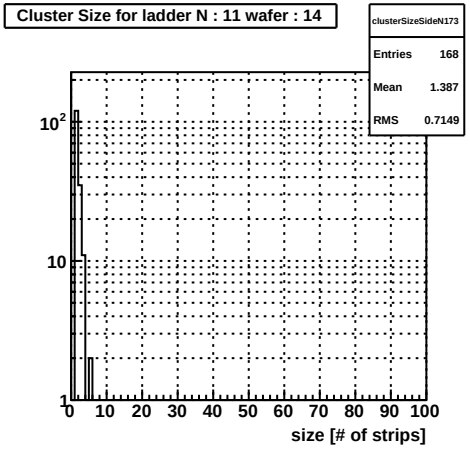

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 23
Mean 1
RMS 0
size [# of strips]

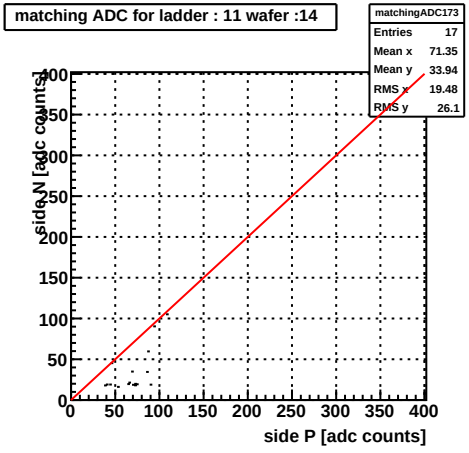

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1
Mean x 35
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

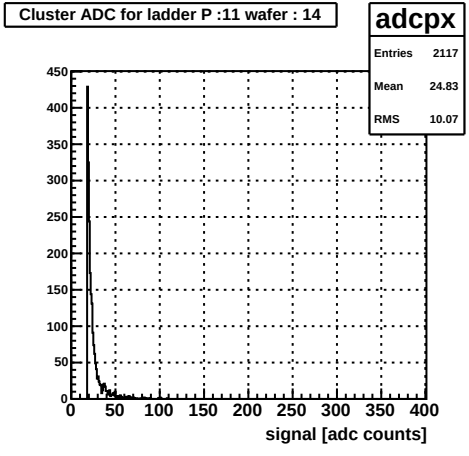

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 322
Mean 23.72
RMS 8.249
signal [adc counts]

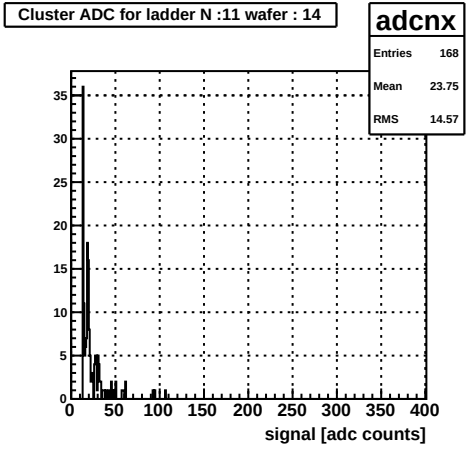

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 23
Mean 26.33
RMS 6.754
signal [adc counts]

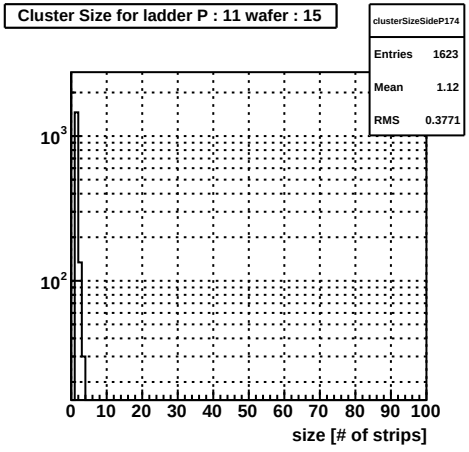

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2117
Mean 1.028
RMS 0.1688
size [# of strips]

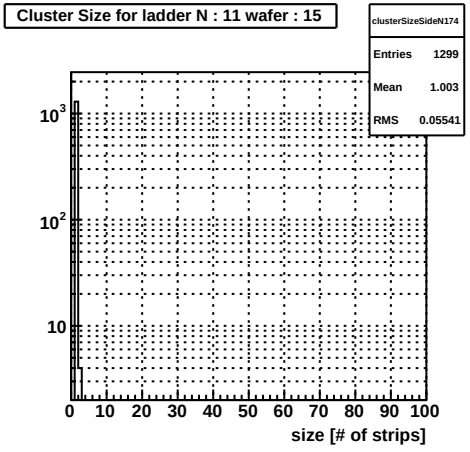

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 168
Mean 1.387
RMS 0.7149
size [# of strips]

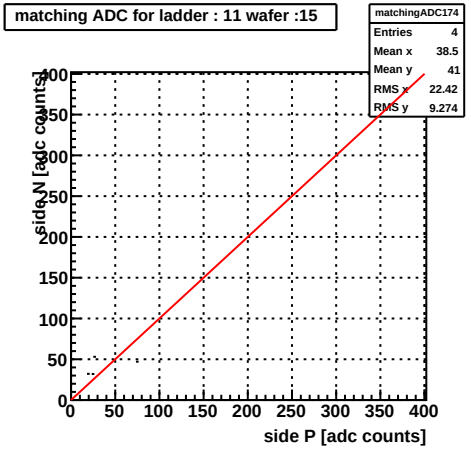

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 17
Mean x 71.35
Mean y 33.94
RMS x 19.48
RMS y 26.1
side N [adc counts]
side P [adc counts]

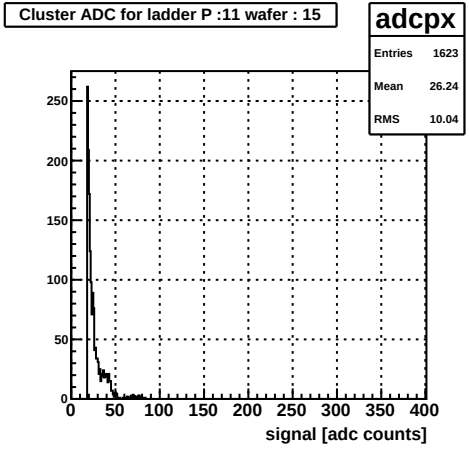

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2117
Mean 24.83
RMS 10.07
signal [adc counts]

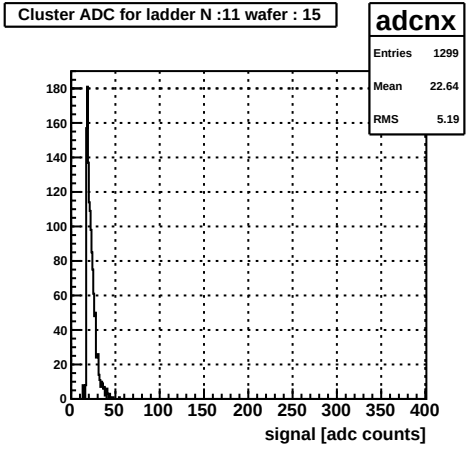

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 168
Mean 23.75
RMS 14.57
signal [adc counts]

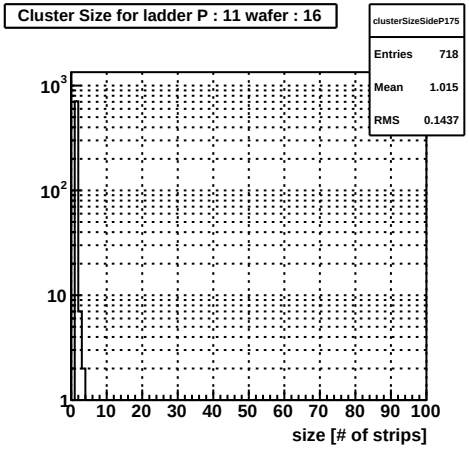

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1623
Mean 1.12
RMS 0.3771
size [# of strips]

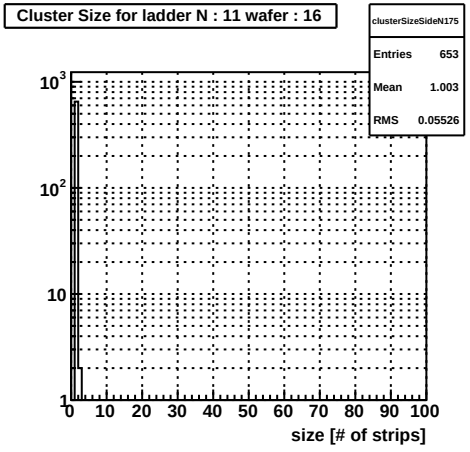

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1299
Mean 1.003
RMS 0.05541
size [# of strips]

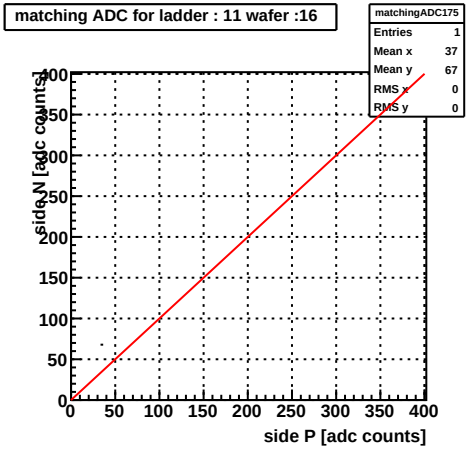

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 4
Mean x 38.5
Mean y 41
RMS x 22.42
RMS y 9.274
side N [adc counts]
side P [adc counts]

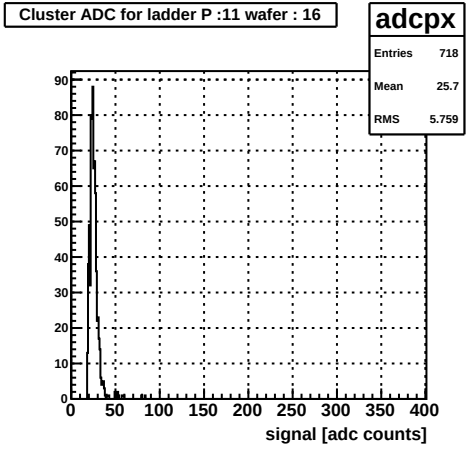

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1623
Mean 26.24
RMS 10.04
signal [adc counts]

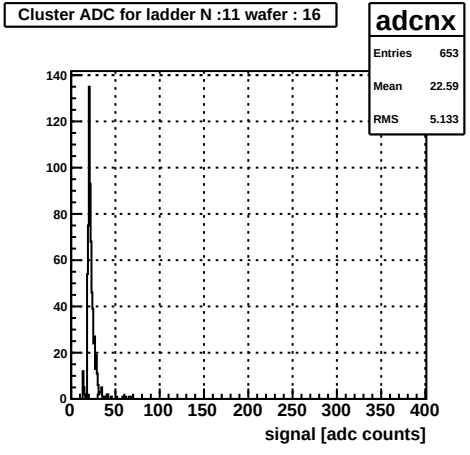

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1299
Mean 22.64
RMS 5.19
signal [adc counts]

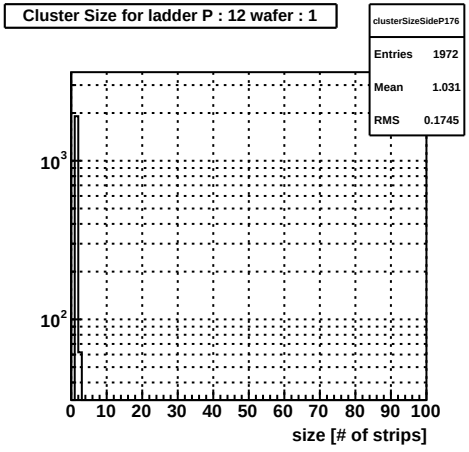

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 718
Mean 1.015
RMS 0.1437
size [# of strips]

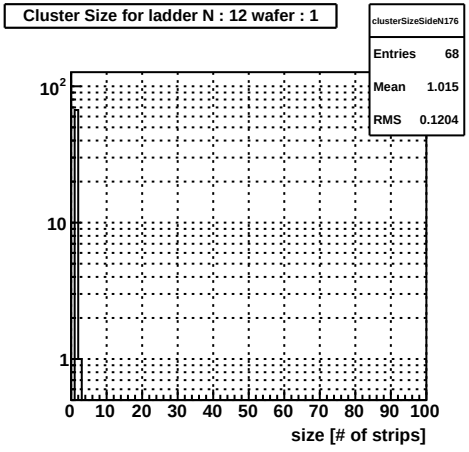

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 653
Mean 1.003
RMS 0.05526
size [# of strips]

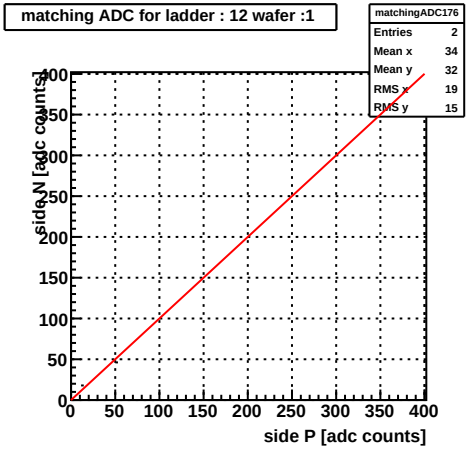

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1
Mean x 37
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

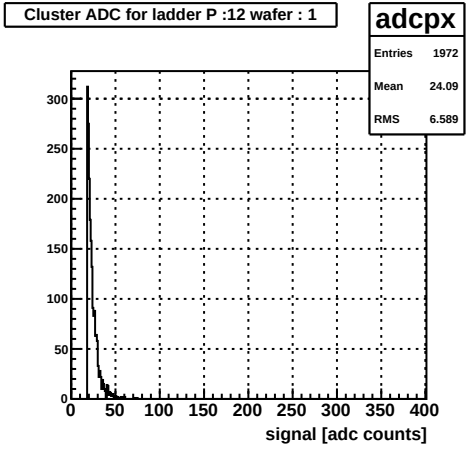

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 718
Mean 25.7
RMS 5.759
signal [adc counts]

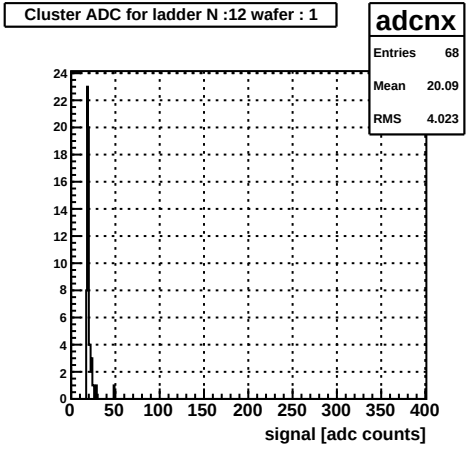

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 653
Mean 22.59
RMS 5.133
signal [adc counts]

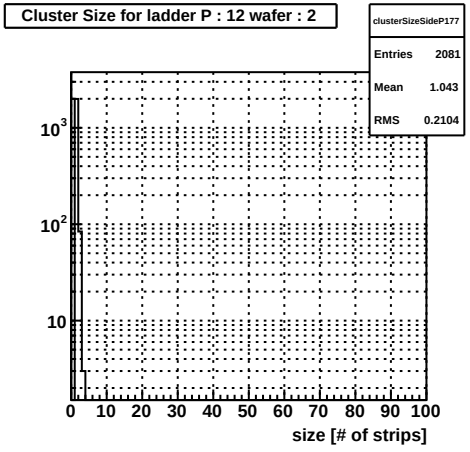

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1972
Mean 1.031
RMS 0.1745
size [# of strips]

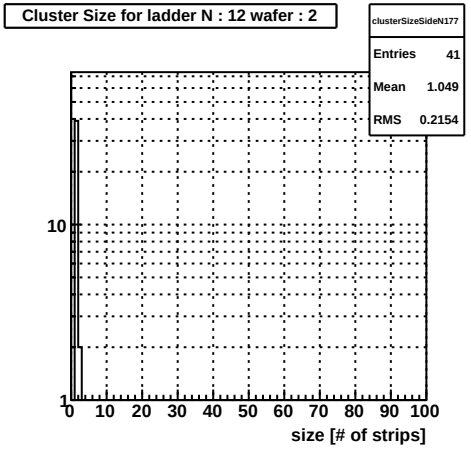

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 68
Mean 1.015
RMS 0.1204
size [# of strips]

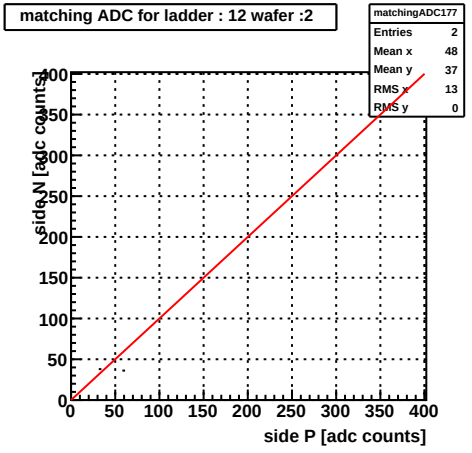

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 2
Mean x 34
Mean y 32
RMS x 19
RMS y 15
side N [adc counts]
side P [adc counts]

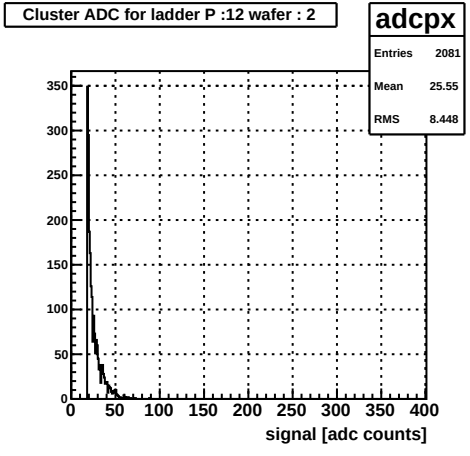

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1972
Mean 24.09
RMS 6.589
signal [adc counts]

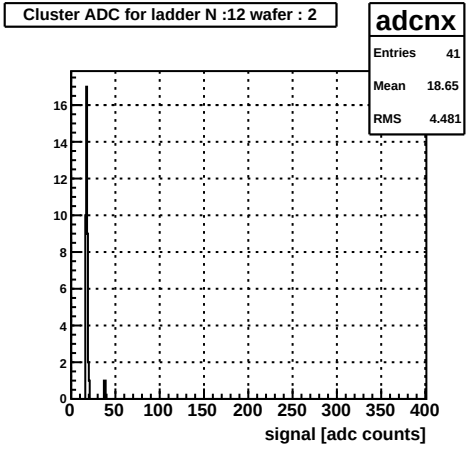

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 68
Mean 20.09
RMS 4.023
signal [adc counts]

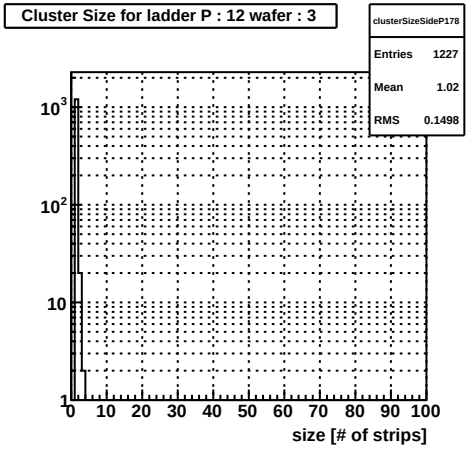

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2081
Mean 1.043
RMS 0.2104
size [# of strips]

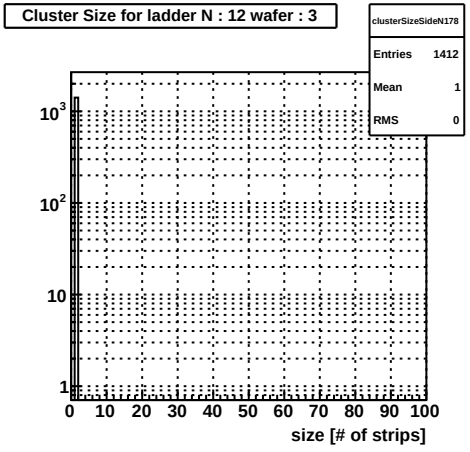

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 41
Mean 1.049
RMS 0.2154
size [# of strips]

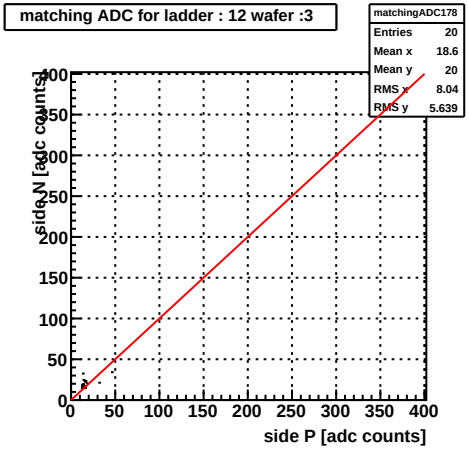

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2
Mean x 48
Mean y 37
RMS x 13
RMS y 0
side N [adc counts]
side P [adc counts]

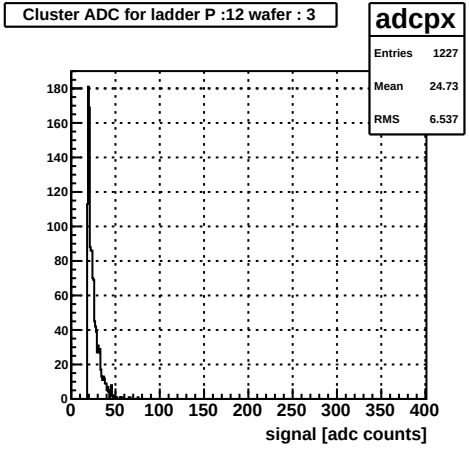

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2081
Mean 25.55
RMS 8.448
signal [adc counts]

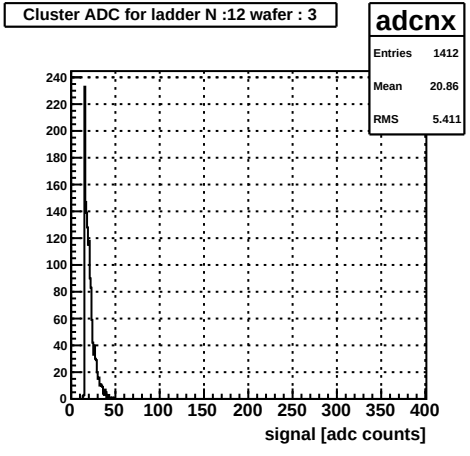

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 41
Mean 18.65
RMS 4.481
signal [adc counts]

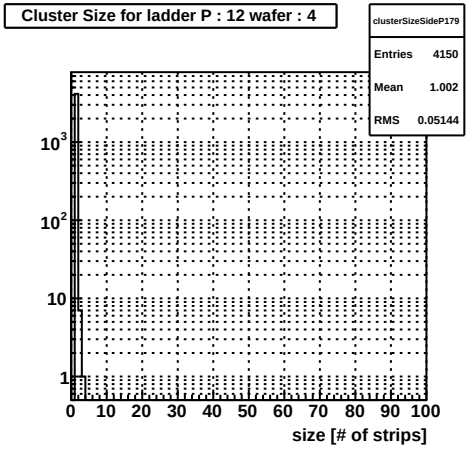

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1227
Mean 1.02
RMS 0.1498
size [# of strips]

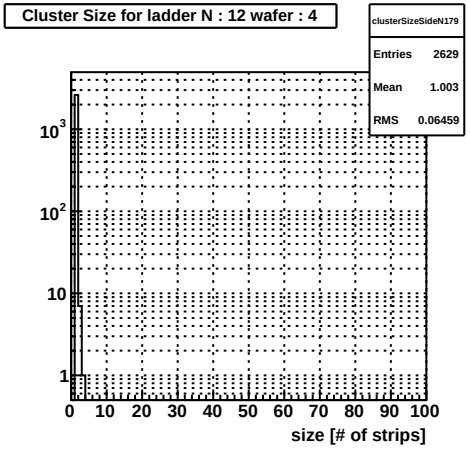

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1412
Mean 1
RMS 0
size [# of strips]

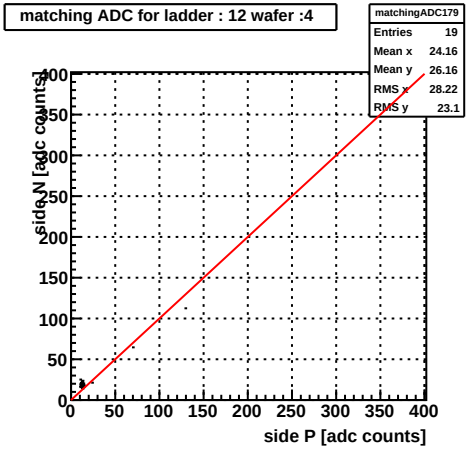

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 20
Mean x 18.6
Mean y 20
RMS x 8.04
RMS y 5.639
side N [adc counts]
side P [adc counts]

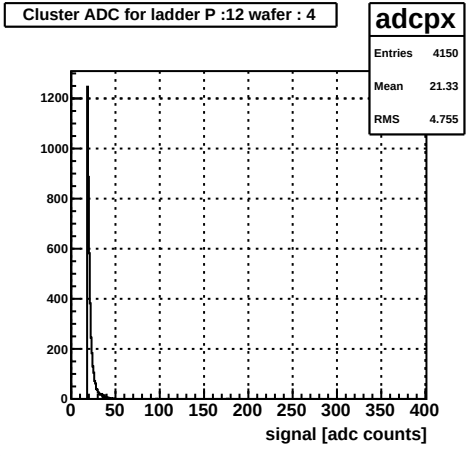

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1227
Mean 24.73
RMS 6.537
signal [adc counts]

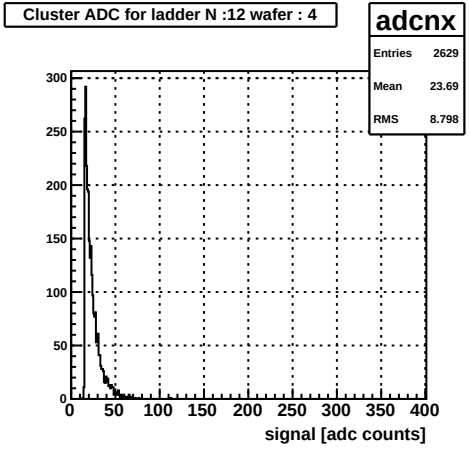

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1412
Mean 20.86
RMS 5.411
signal [adc counts]

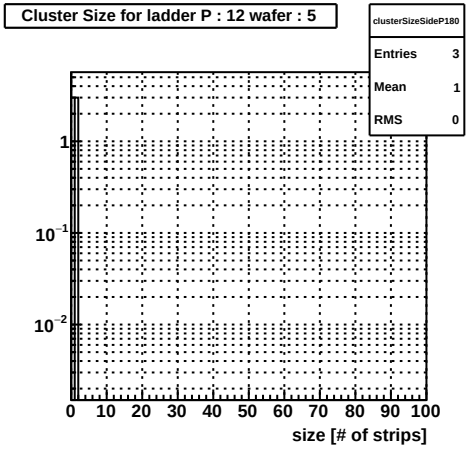

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4150
Mean 1.002
RMS 0.05144
size [# of strips]

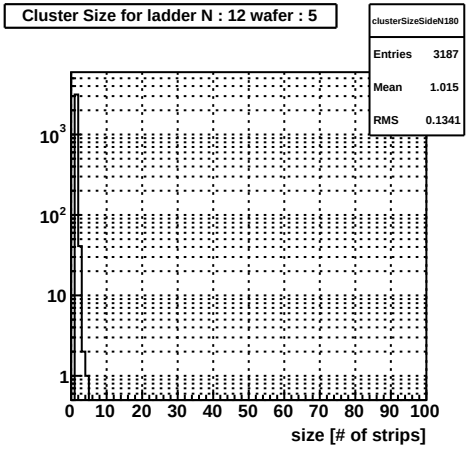

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2629
Mean 1.003
RMS 0.06459
size [# of strips]

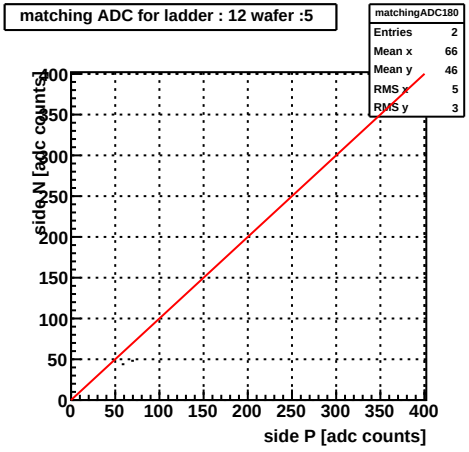

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 19
Mean x 24.16
Mean y 26.16
RMS x 28.22
RMS y 23.1
side N [adc counts]
side P [adc counts]

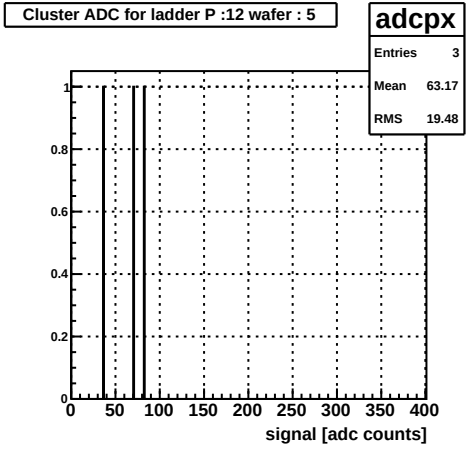

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4150
Mean 21.33
RMS 4.755
signal [adc counts]

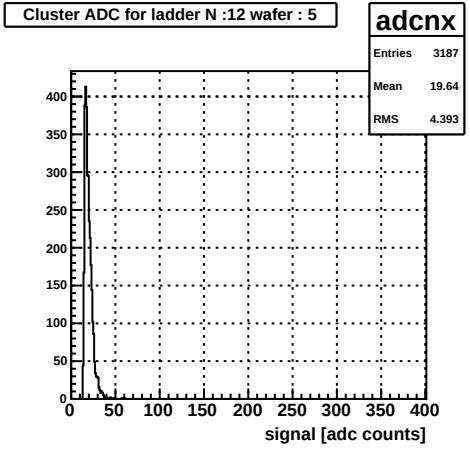

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2629
Mean 23.69
RMS 8.798
signal [adc counts]

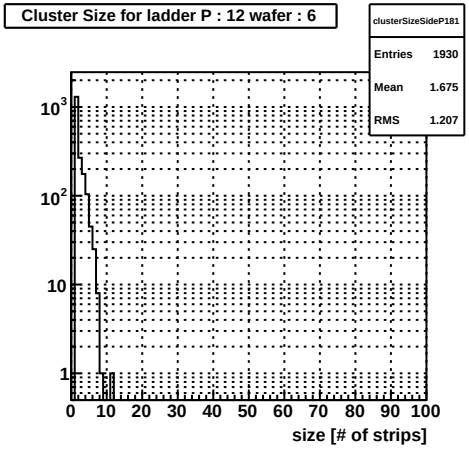

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 3
Mean 1
RMS 0
size [# of strips]

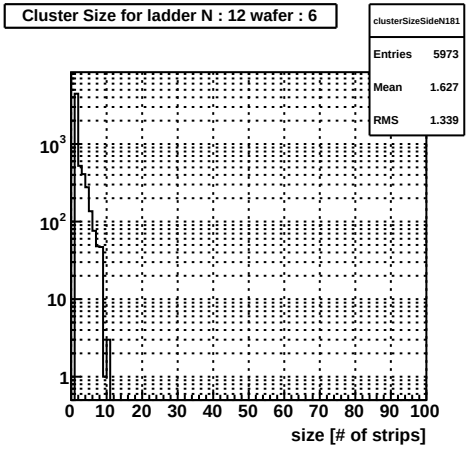

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3187
Mean 1.015
RMS 0.1341
size [# of strips]

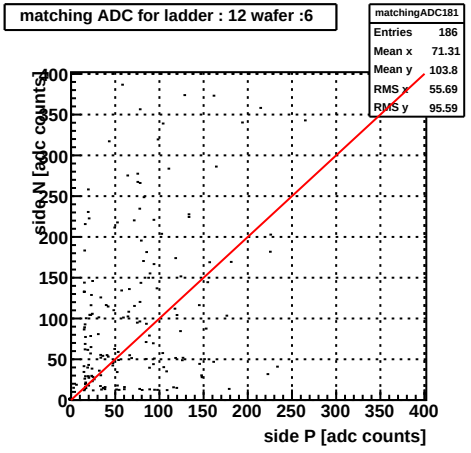

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 2
Mean x 66
Mean y 46
RMS x 5
RMS y 3
side N [adc counts]
side P [adc counts]

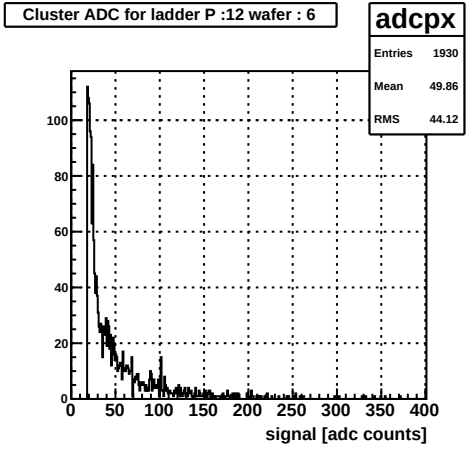

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 3
Mean 63.17
RMS 19.48
signal [adc counts]

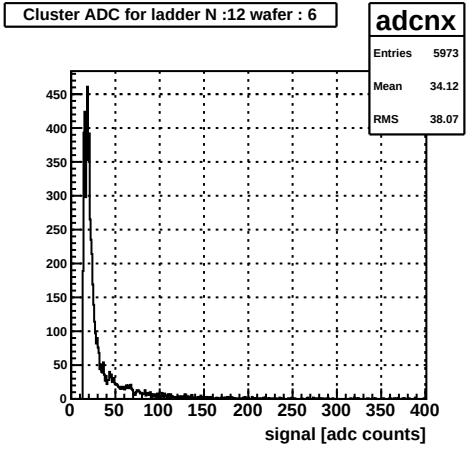

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3187
Mean 19.64
RMS 4.393
signal [adc counts]

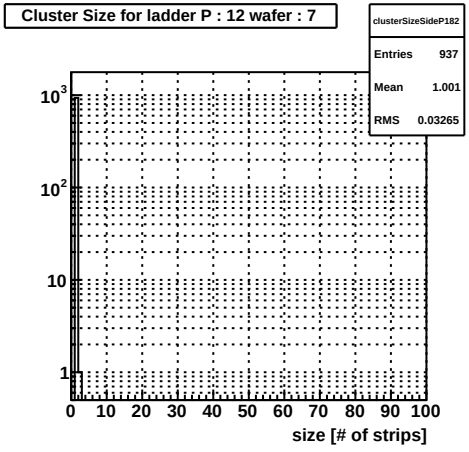

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1930
Mean 1.675
RMS 1.207
size [# of strips]

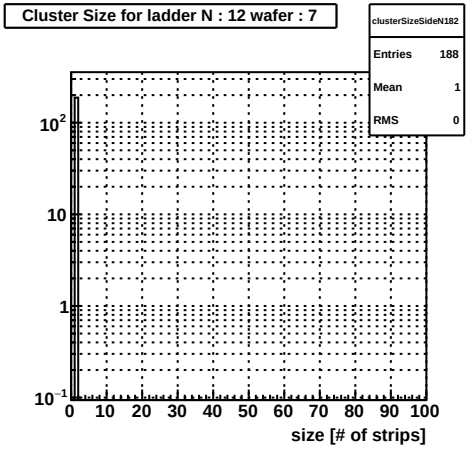

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5973
Mean 1.627
RMS 1.339
size [# of strips]

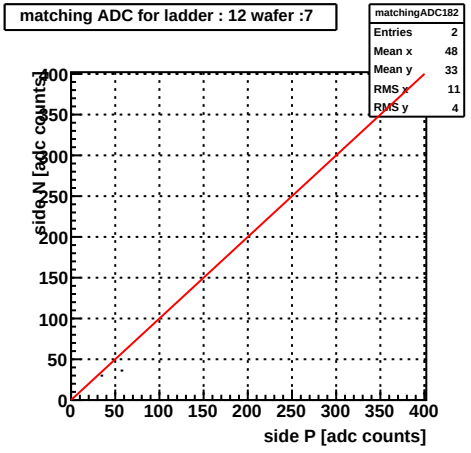

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 186
Mean x 71.31
Mean y 103.8
RMS x 55.69
RMS y 95.59
side N [adc counts]
side P [adc counts]

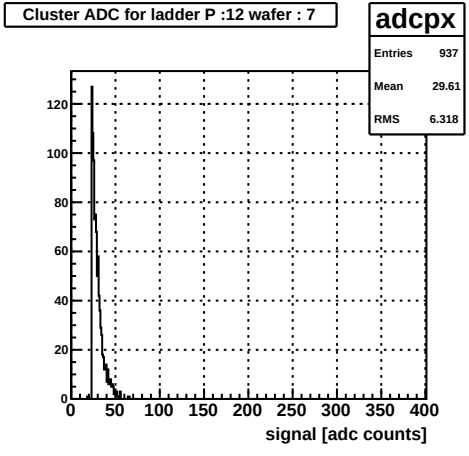

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1930
Mean 49.86
RMS 44.12
signal [adc counts]

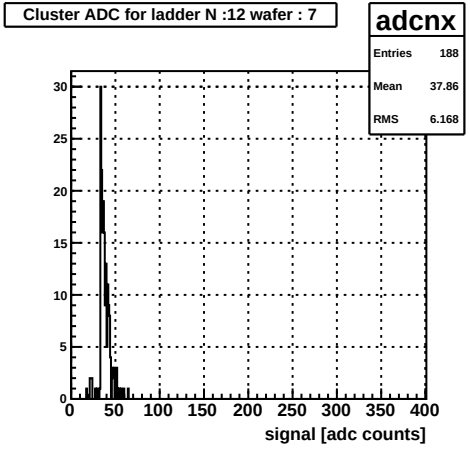

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5973
Mean 34.12
RMS 38.07
signal [adc counts]

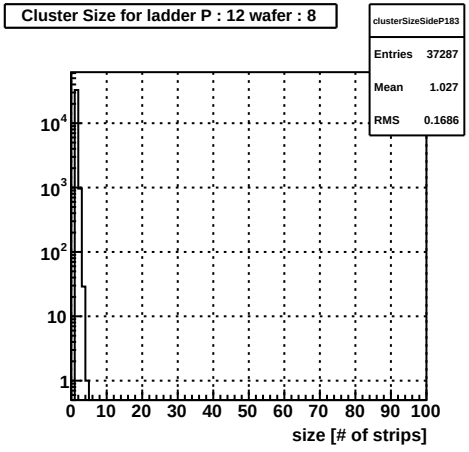

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 937
Mean 1.001
RMS 0.03265
size [# of strips]

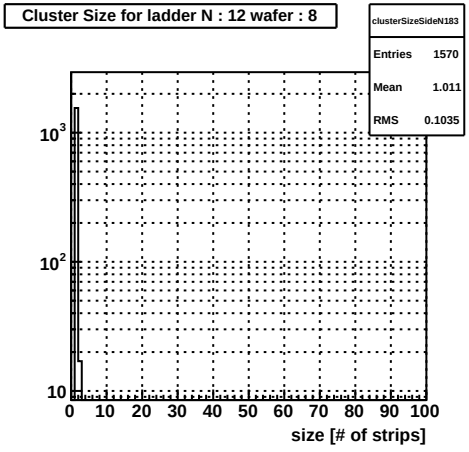

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 188
Mean 1
RMS 0
size [# of strips]

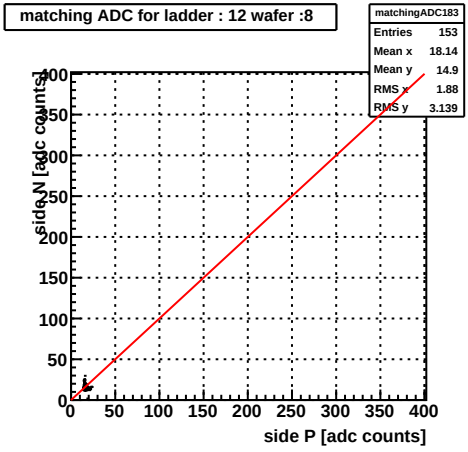

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 2
Mean x 48
Mean y 33
RMS x 11
RMS y 4
side N [adc counts]
side P [adc counts]

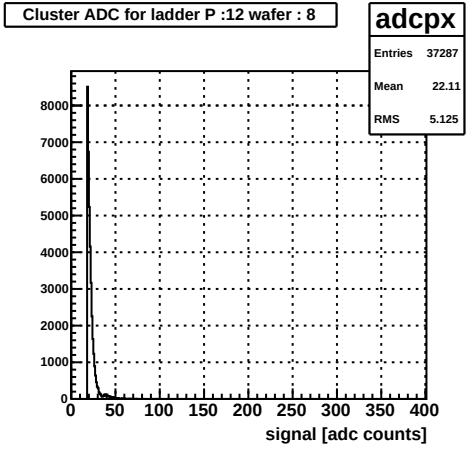

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 937
Mean 29.61
RMS 6.318
signal [adc counts]

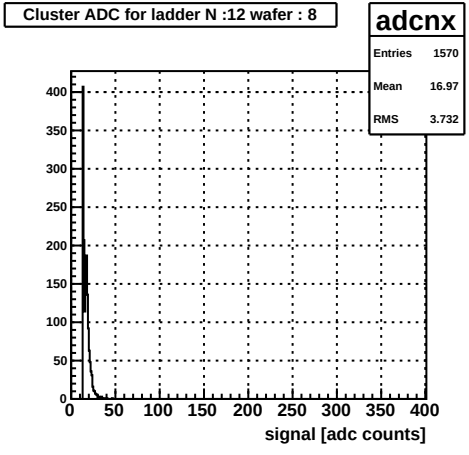

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 188
Mean 37.86
RMS 6.168
signal [adc counts]

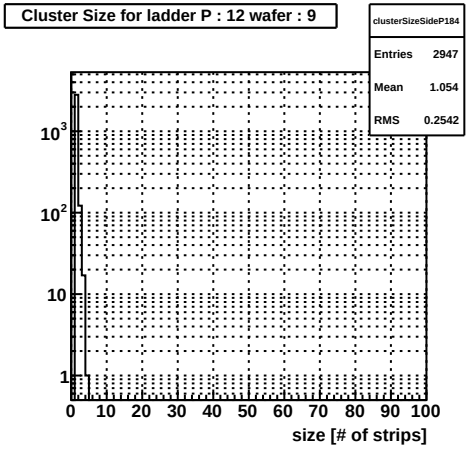

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 37287
Mean 1.027
RMS 0.1686
size [# of strips]

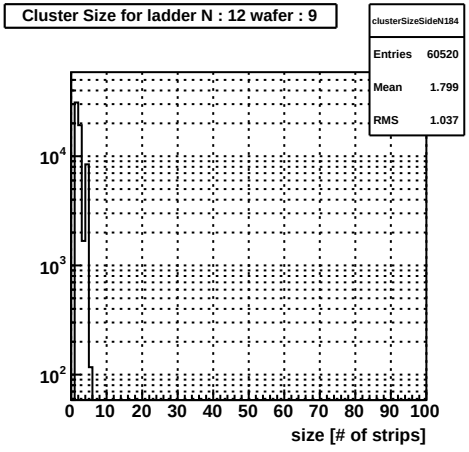

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1570
Mean 1.011
RMS 0.1035
size [# of strips]

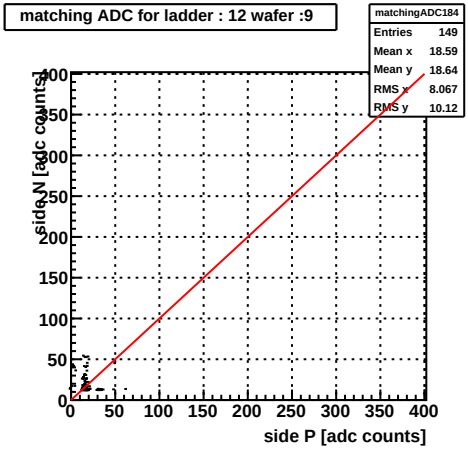

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 153
Mean x 18.14
Mean y 14.9
RMS x 1.88
RMS y 3.139
side N [adc counts]
side P [adc counts]

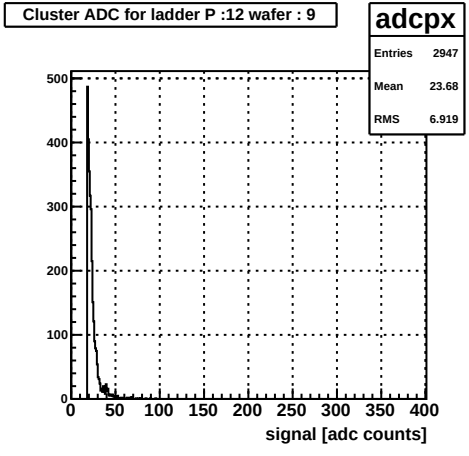

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 37287
Mean 22.11
RMS 5.125
signal [adc counts]

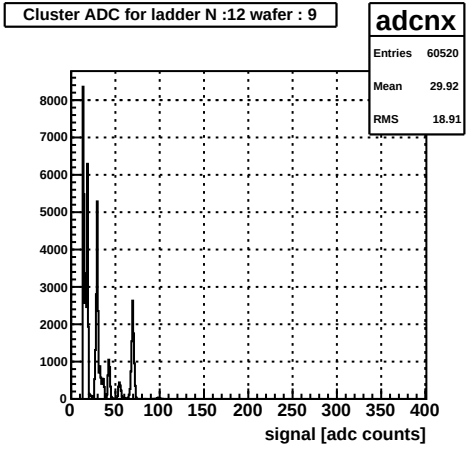

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1570
Mean 16.97
RMS 3.732
signal [adc counts]

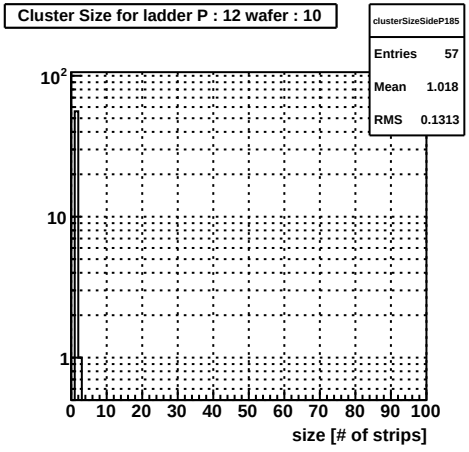

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2947
Mean 1.054
RMS 0.2542
size [# of strips]

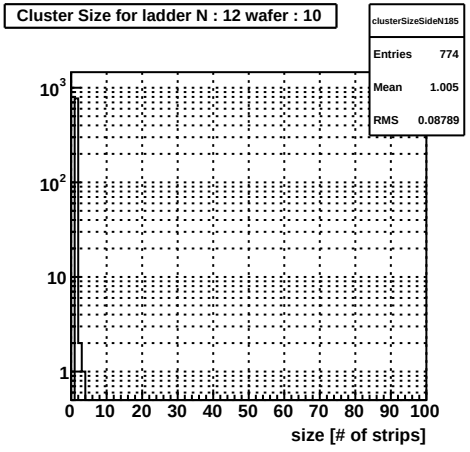

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 60520
Mean 1.799
RMS 1.037
size [# of strips]

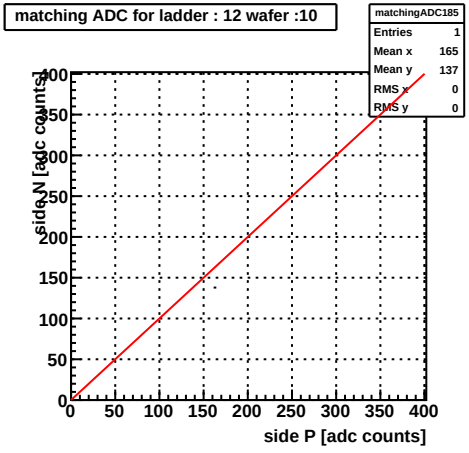

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 149
Mean x 18.59
Mean y 18.64
RMS x 8.067
RMS y 10.12
side N [adc counts]
side P [adc counts]

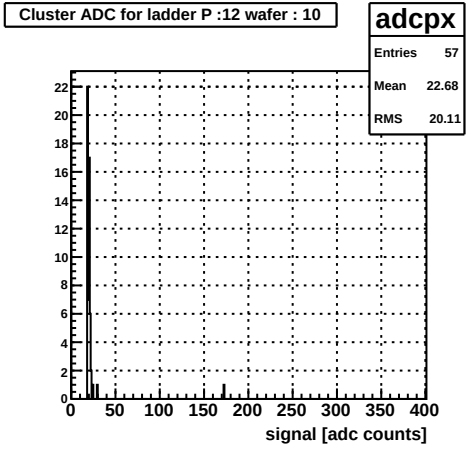

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2947
Mean 23.68
RMS 6.919
signal [adc counts]

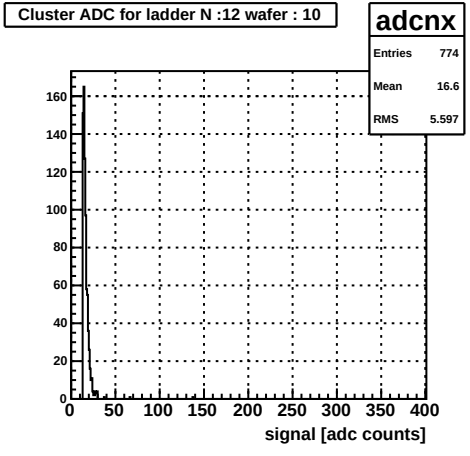

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 60520
Mean 29.92
RMS 18.91
signal [adc counts]

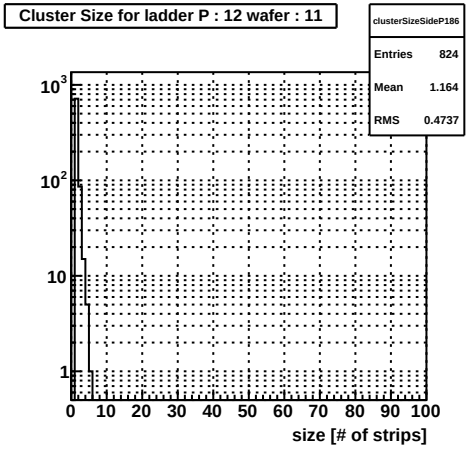

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 57
Mean 1.018
RMS 0.1313
size [# of strips]

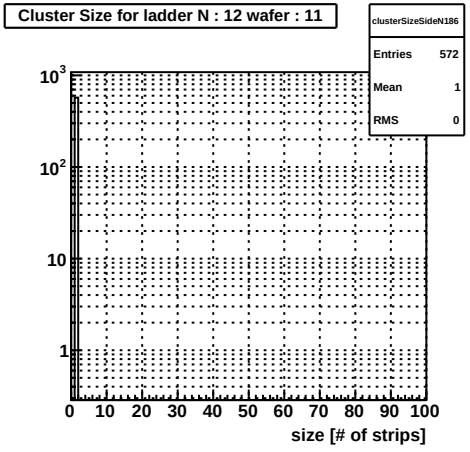

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 774
Mean 1.005
RMS 0.08789
size [# of strips]

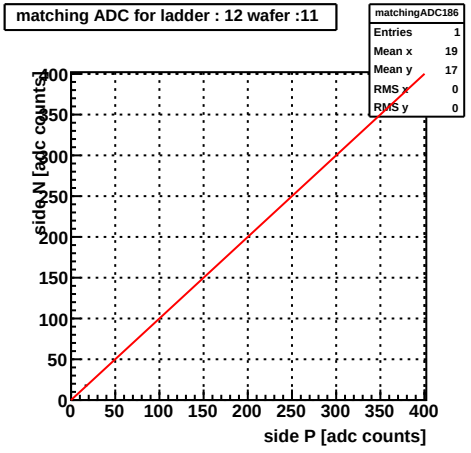

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1
Mean x 165
Mean y 137
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

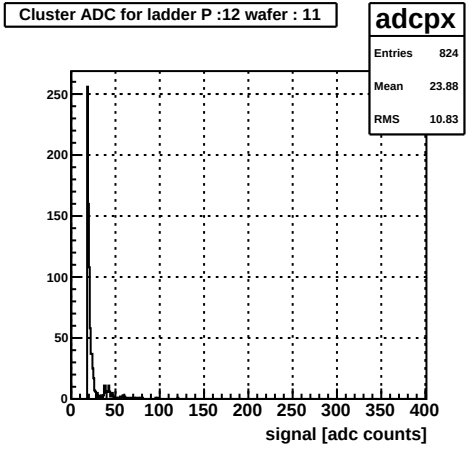

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 57
Mean 22.68
RMS 20.11
signal [adc counts]

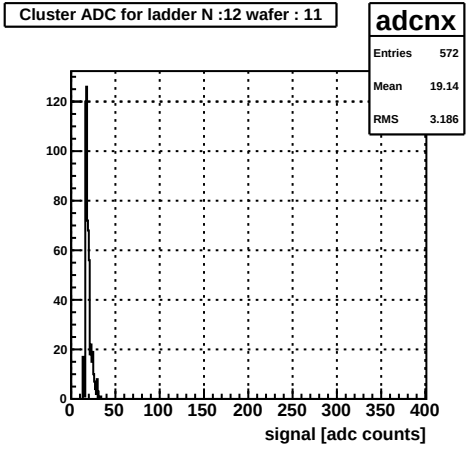

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 774
Mean 16.6
RMS 5.597
signal [adc counts]

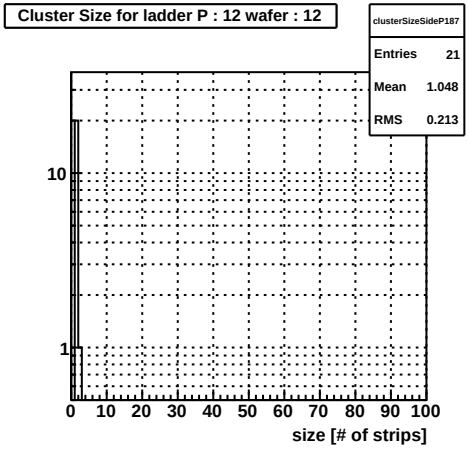

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 824
Mean 1.164
RMS 0.4737
size [# of strips]

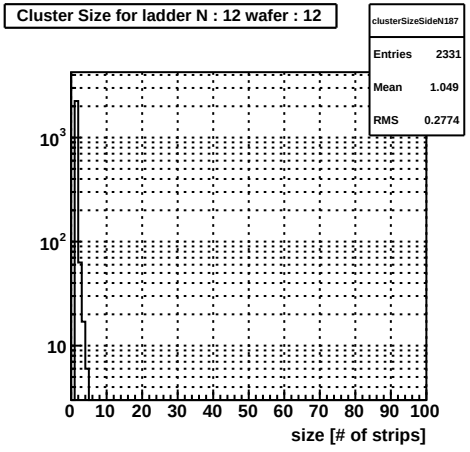

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 572
Mean 1
RMS 0
size [# of strips]

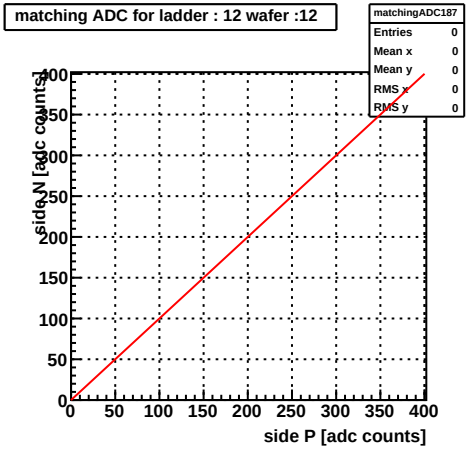

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

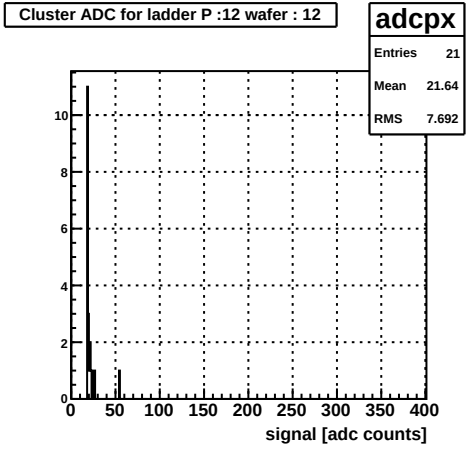

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 824
Mean 23.88
RMS 10.83
signal [adc counts]

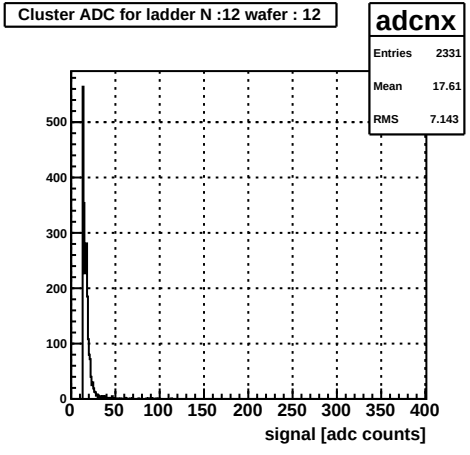

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 572
Mean 19.14
RMS 3.186
signal [adc counts]

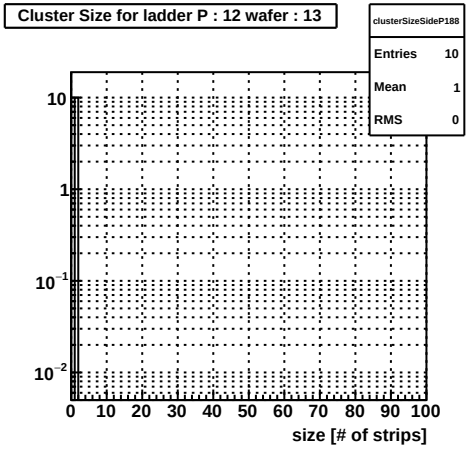

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

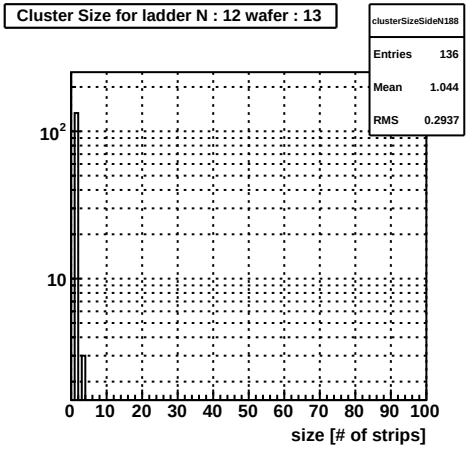

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2331
Mean 1.049
RMS 0.2774
size [# of strips]

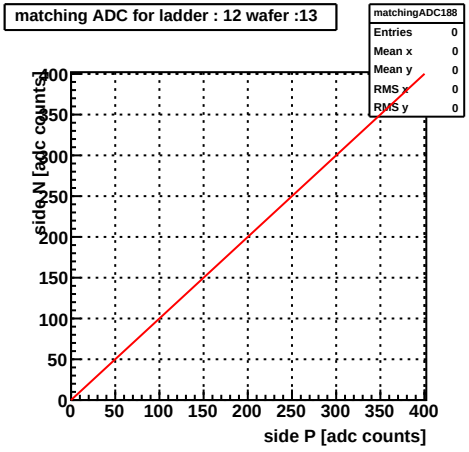

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

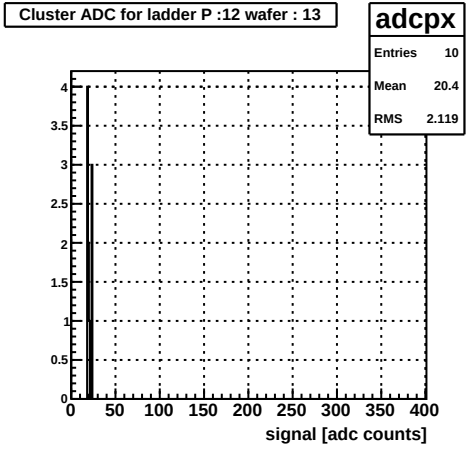

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 21
Mean 21.64
RMS 7.692
signal [adc counts]

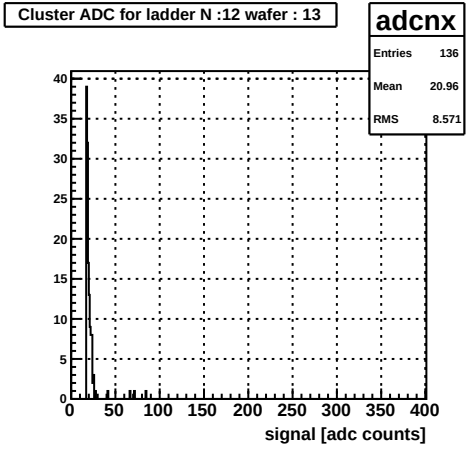

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2331
Mean 17.61
RMS 7.143
signal [adc counts]

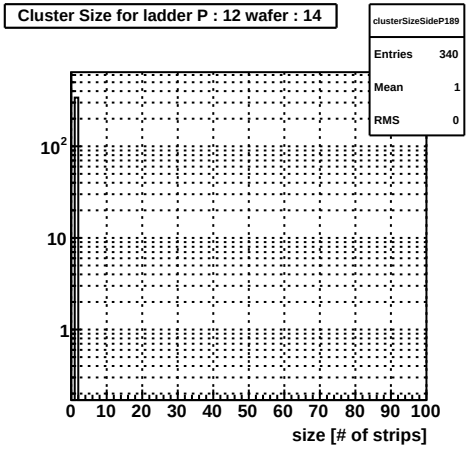

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 10
Mean 1
RMS 0
size [# of strips]

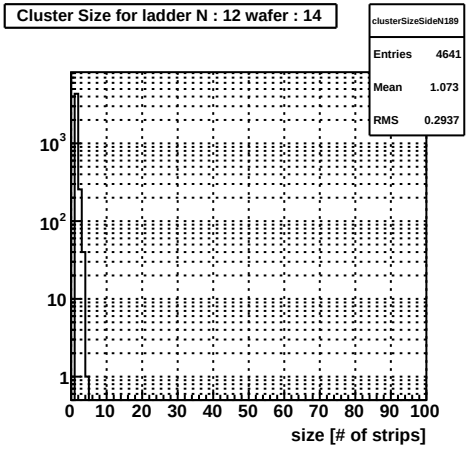

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 136
Mean 1.044
RMS 0.2937
size [# of strips]

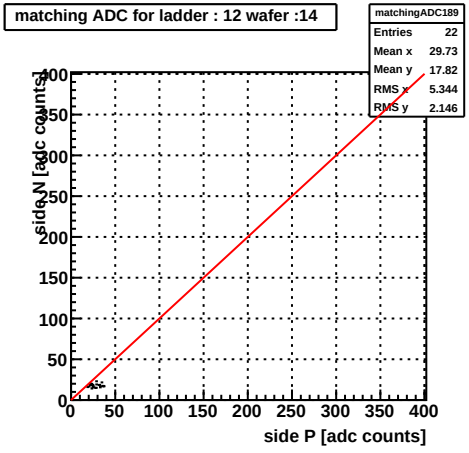

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

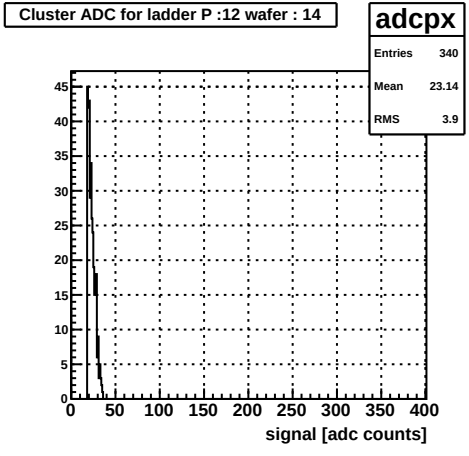

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 10
Mean 20.4
RMS 2.119
signal [adc counts]

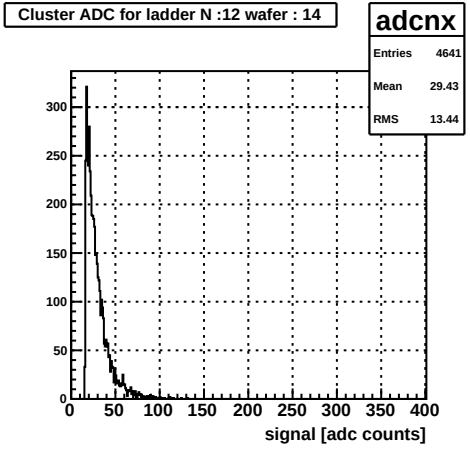

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 136
Mean 20.96
RMS 8.571
signal [adc counts]

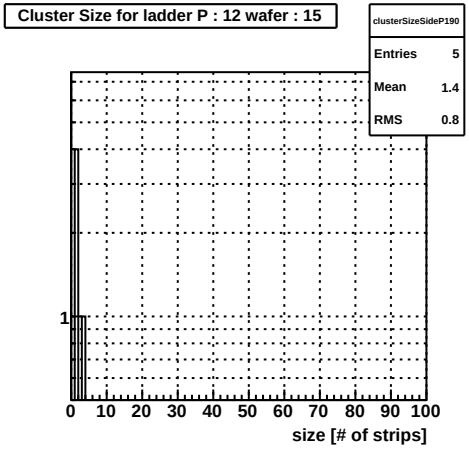

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 340
Mean 1
RMS 0
size [# of strips]

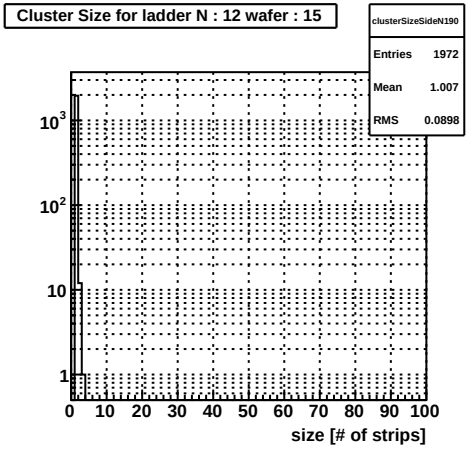

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4641
Mean 1.073
RMS 0.2937
size [# of strips]

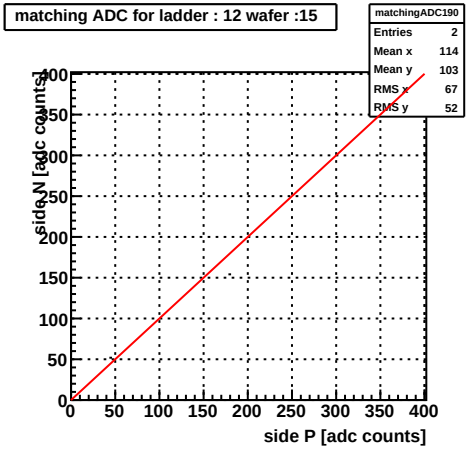

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 22
Mean x 29.73
Mean y 17.82
RMS x 5.344
RMS y 2.146
side N [adc counts]
side P [adc counts]

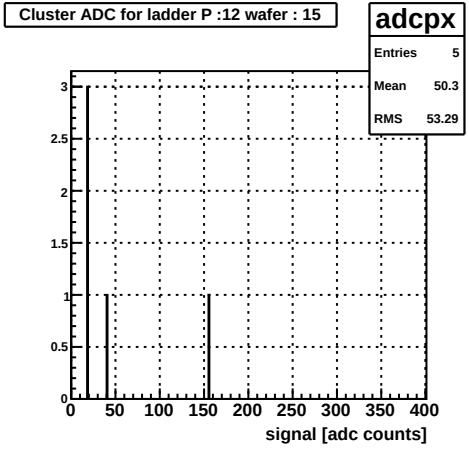

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 340
Mean 23.14
RMS 3.9
signal [adc counts]

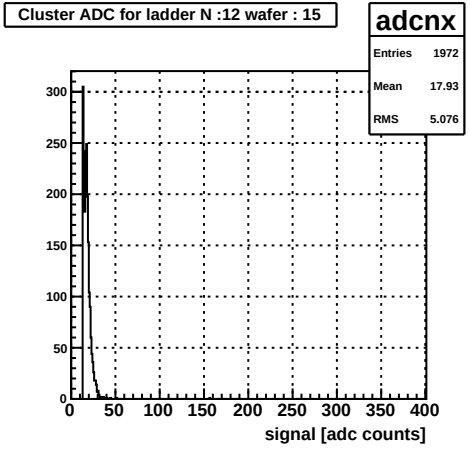

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4641
Mean 29.43
RMS 13.44
signal [adc counts]

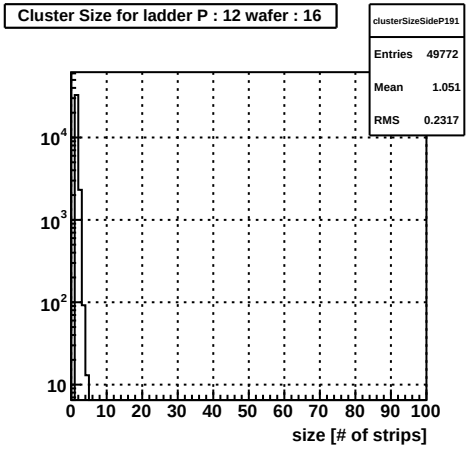

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

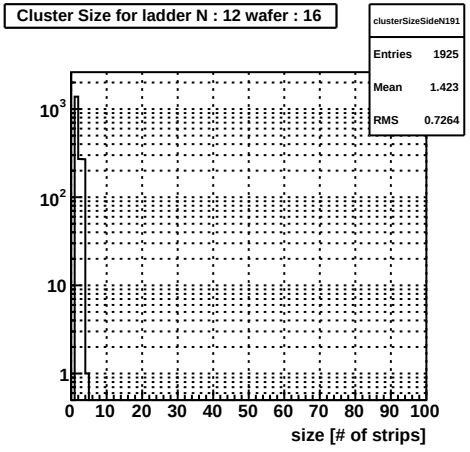

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1972
Mean 1.007
RMS 0.0898
size [# of strips]

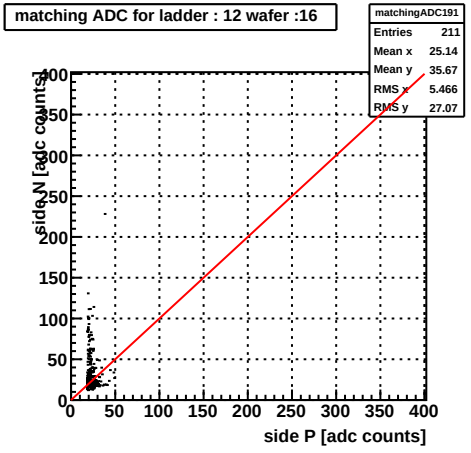

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 2
Mean x 114
Mean y 103
RMS x 67
RMS y 52
side N [adc counts]
side P [adc counts]

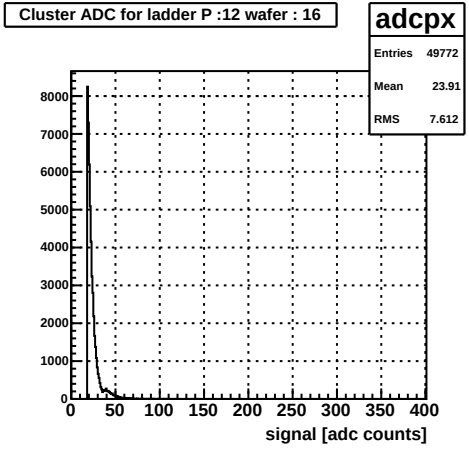

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 5
Mean 50.3
RMS 53.29
signal [adc counts]

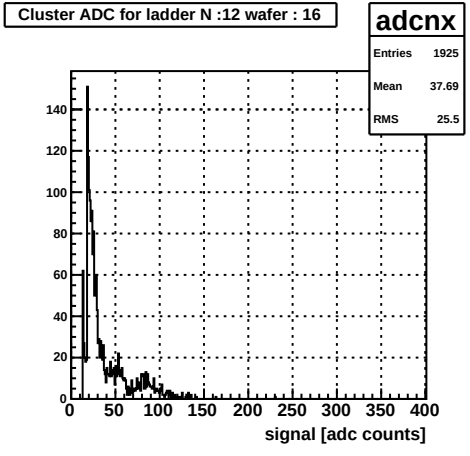

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1972
Mean 17.93
RMS 5.076
signal [adc counts]

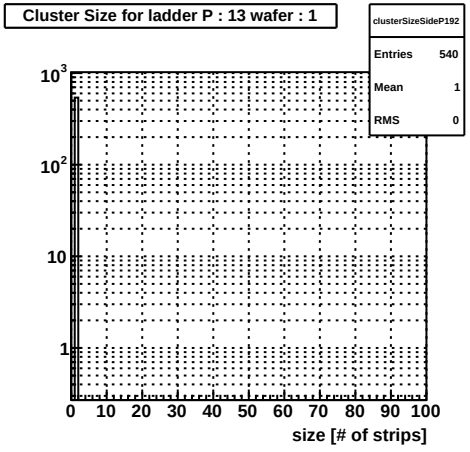

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 49772
Mean 1.051
RMS 0.2317
size [# of strips]

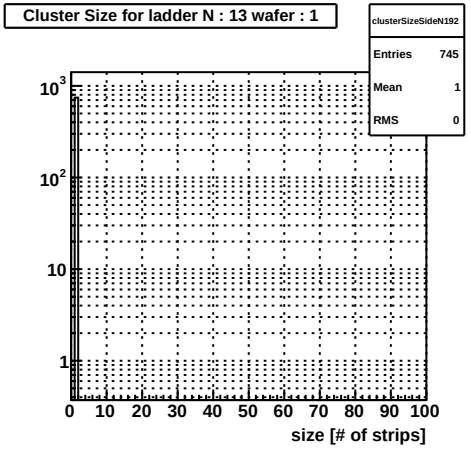

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1925
Mean 1.423
RMS 0.7264
size [# of strips]

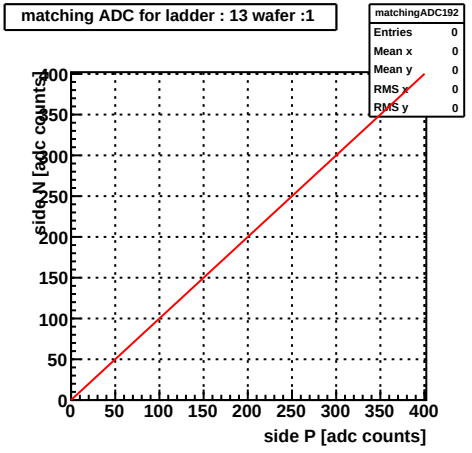

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 211
Mean x 25.14
Mean y 35.67
RMS x 5.466
RMS y 27.07
side N [adc counts]
side P [adc counts]

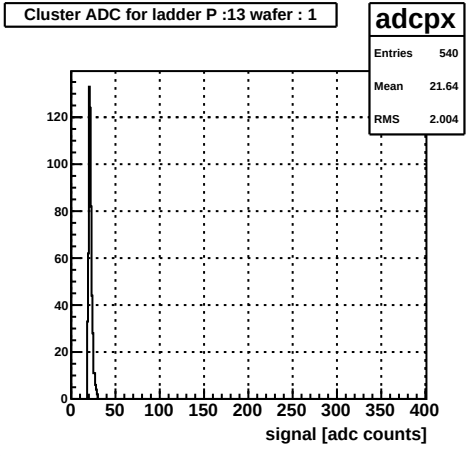

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 49772
Mean 23.91
RMS 7.612
signal [adc counts]

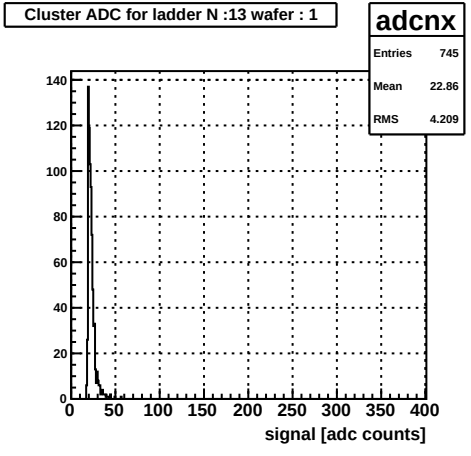

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1925
Mean 37.69
RMS 25.5
signal [adc counts]

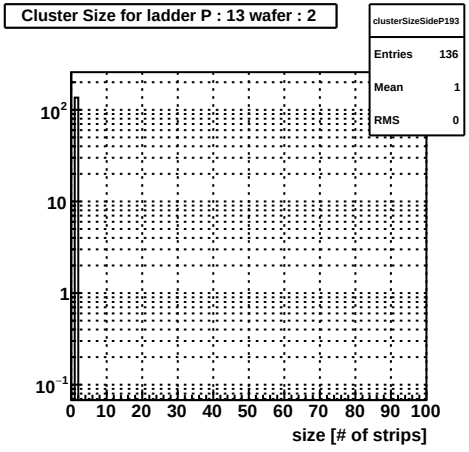

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 540
Mean 1
RMS 0
size [# of strips]

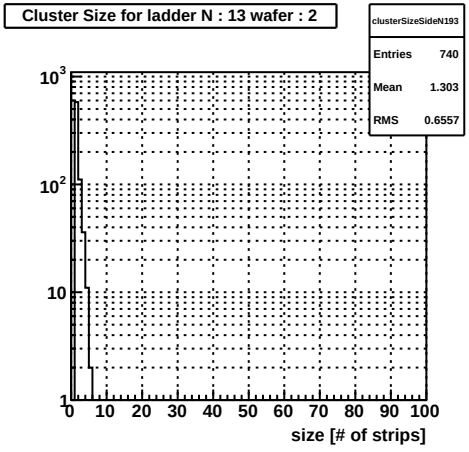

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 745
Mean 1
RMS 0
size [# of strips]

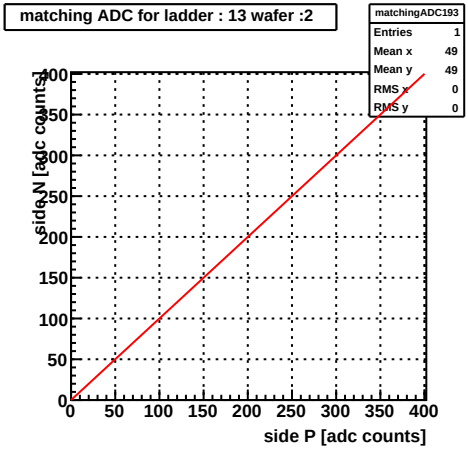

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

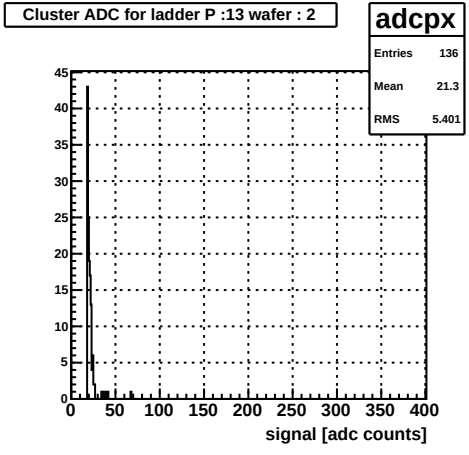

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 540
Mean 21.64
RMS 2.004
signal [adc counts]

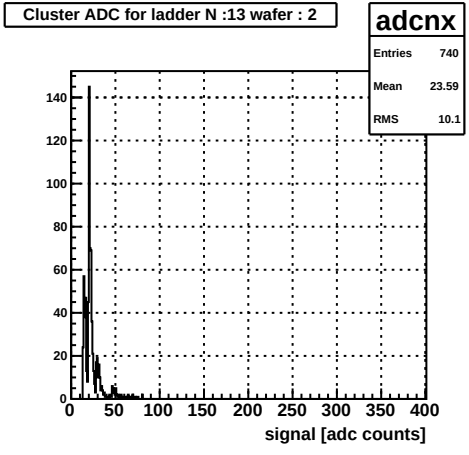

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 745
Mean 22.86
RMS 4.209
signal [adc counts]

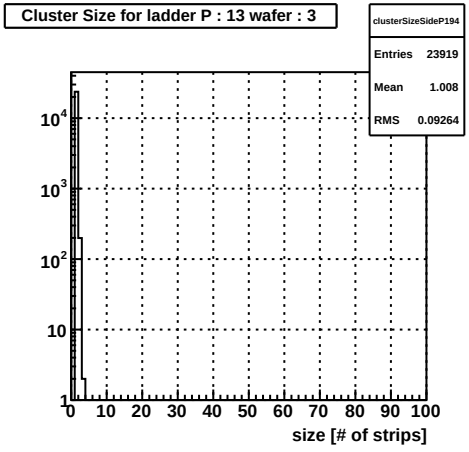

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 136
Mean 1
RMS 0
size [# of strips]

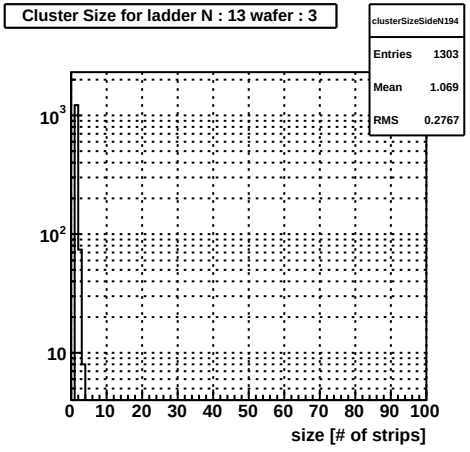

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 740
Mean 1.303
RMS 0.6557
size [# of strips]

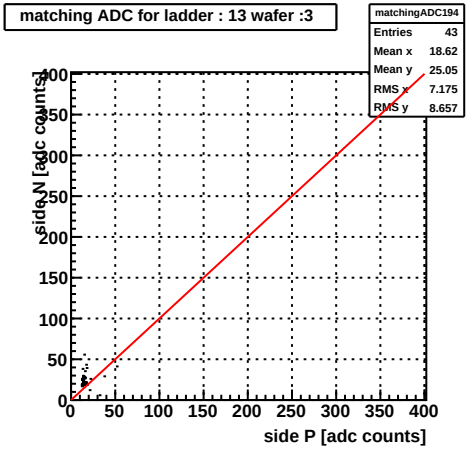

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1
Mean x 49
Mean y 49
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

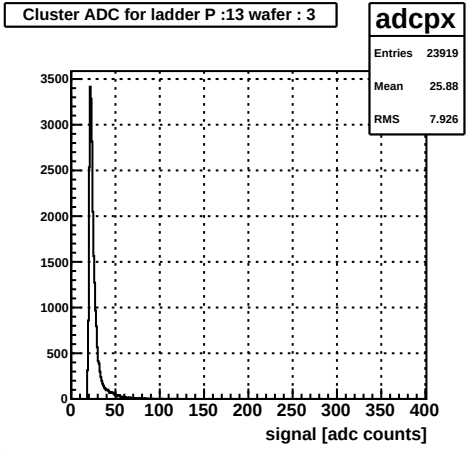

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 136
Mean 21.3
RMS 5.401
signal [adc counts]

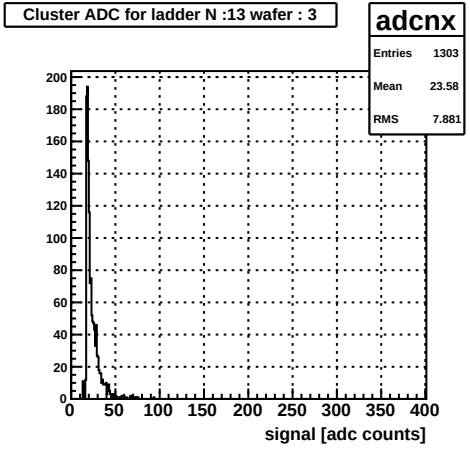

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 740
Mean 23.59
RMS 10.1
signal [adc counts]

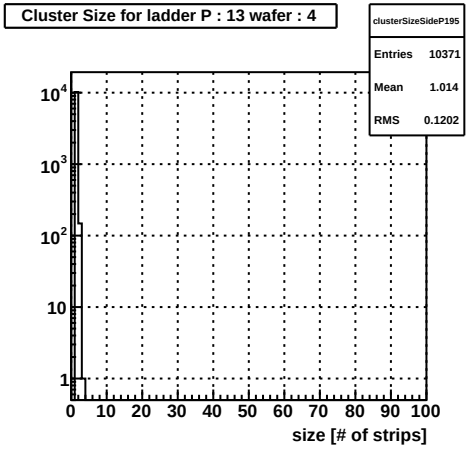

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 23919
Mean 1.008
RMS 0.09264
size [# of strips]

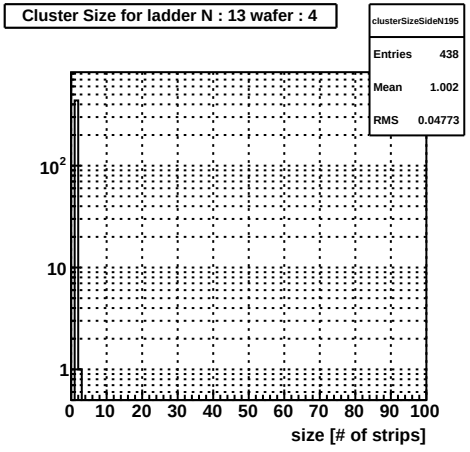

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1303
Mean 1.069
RMS 0.2767
size [# of strips]

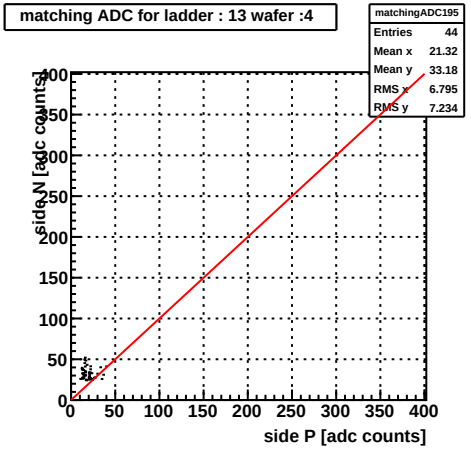

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 43
Mean x 18.62
Mean y 25.05
RMS x 7.175
RMS y 8.657
side N [adc counts]
side P [adc counts]

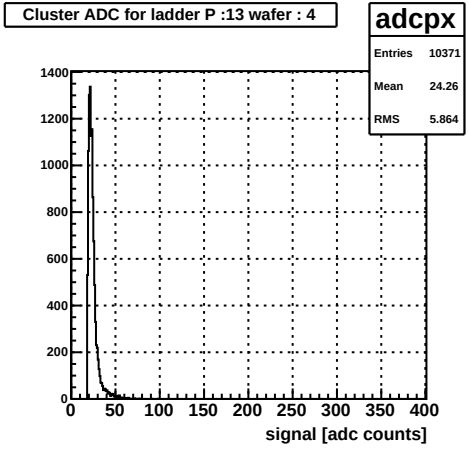

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 23919
Mean 25.88
RMS 7.926
signal [adc counts]

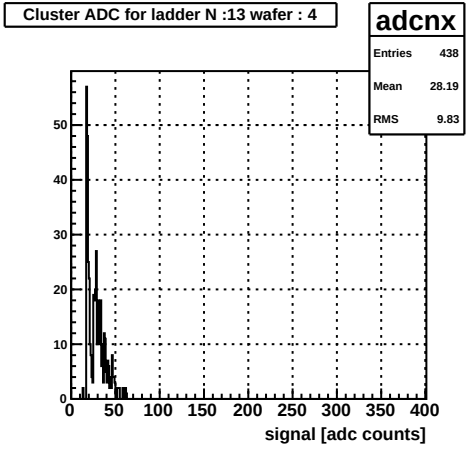

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1303
Mean 23.58
RMS 7.881
signal [adc counts]

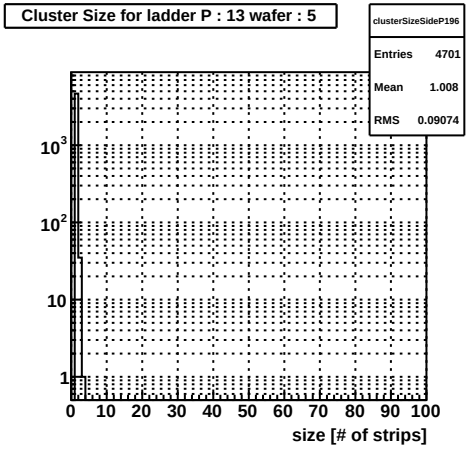

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10371
Mean 1.014
RMS 0.1202
size [# of strips]

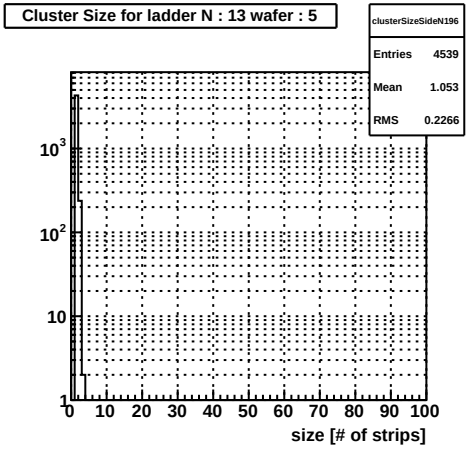

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 438
Mean 1.002
RMS 0.04773
size [# of strips]

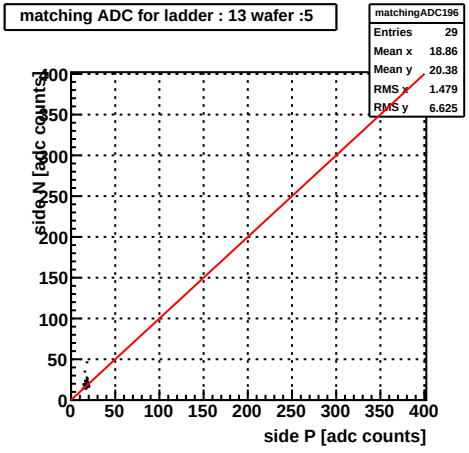

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 44
Mean x 21.32
Mean y 33.18
RMS x 6.795
RMS y 7.234
side N [adc counts]
side P [adc counts]

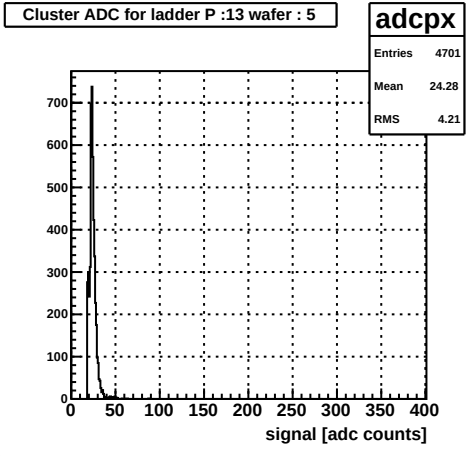

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10371
Mean 24.26
RMS 5.864
signal [adc counts]

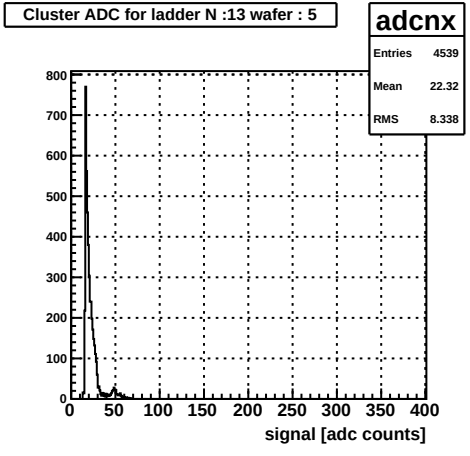

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 438
Mean 28.19
RMS 9.83
signal [adc counts]

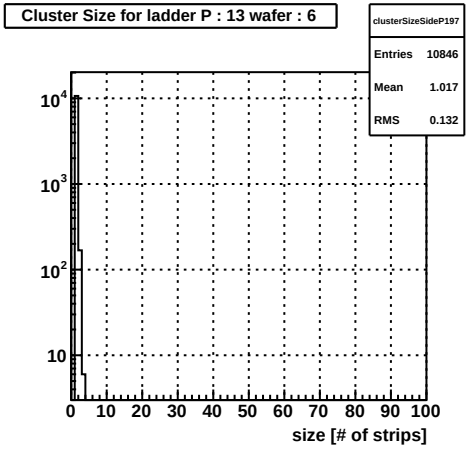

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4701
Mean 1.008
RMS 0.09074
size [# of strips]

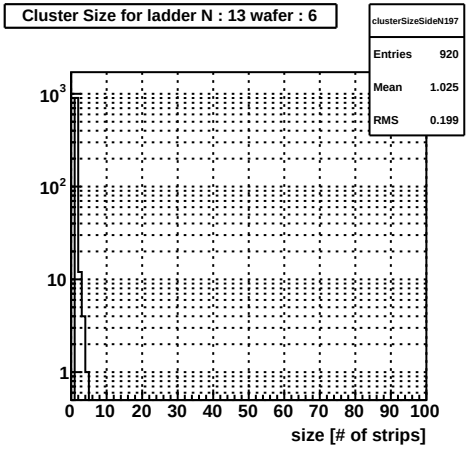

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4539
Mean 1.053
RMS 0.2266
size [# of strips]

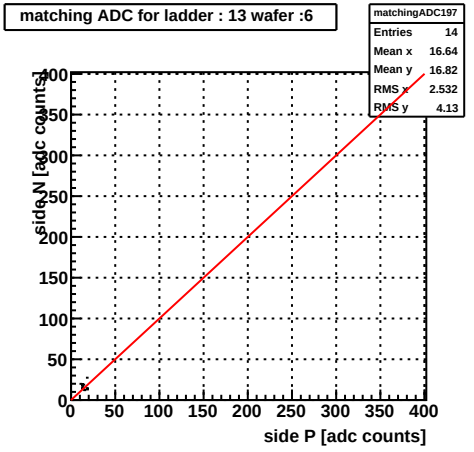

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 29
Mean x 18.86
Mean y 20.38
RMS x 1.479
RMS y 6.625
side N [adc counts]
side P [adc counts]

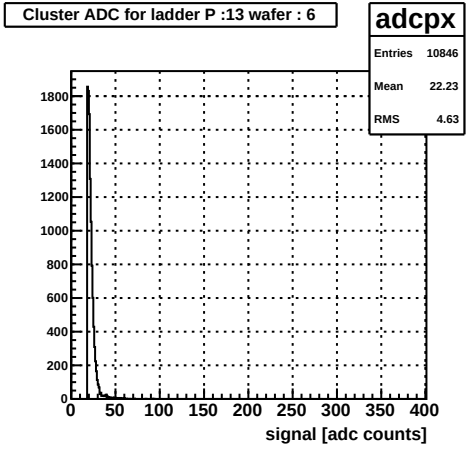

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4701
Mean 24.28
RMS 4.21
signal [adc counts]

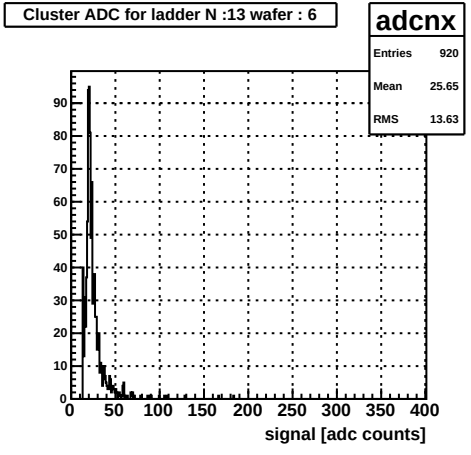

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4539
Mean 22.32
RMS 8.338
signal [adc counts]

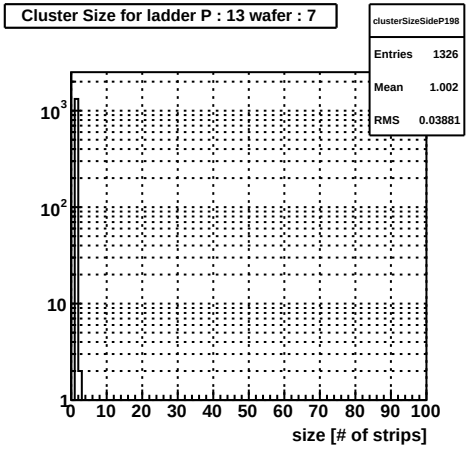

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10846
Mean 1.017
RMS 0.132
size [# of strips]

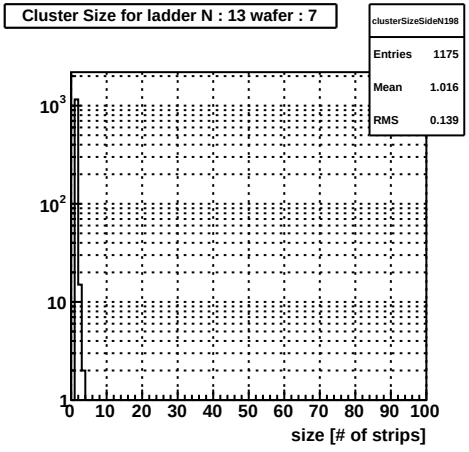

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 920
Mean 1.025
RMS 0.199
size [# of strips]

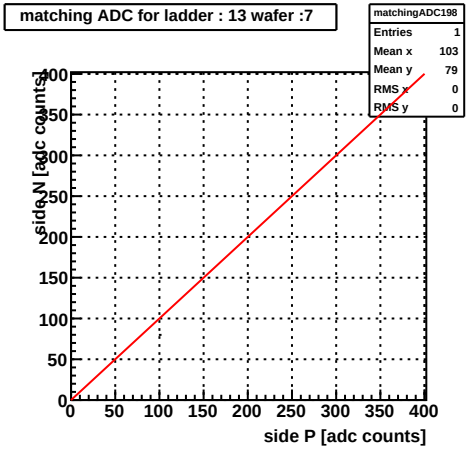

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 14
Mean x 16.64
Mean y 16.82
RMS x 2.532
RMS y 4.13
side N [adc counts]
side P [adc counts]

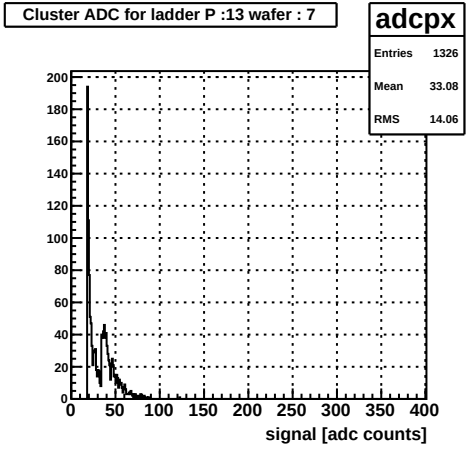

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10846
Mean 22.23
RMS 4.63
signal [adc counts]

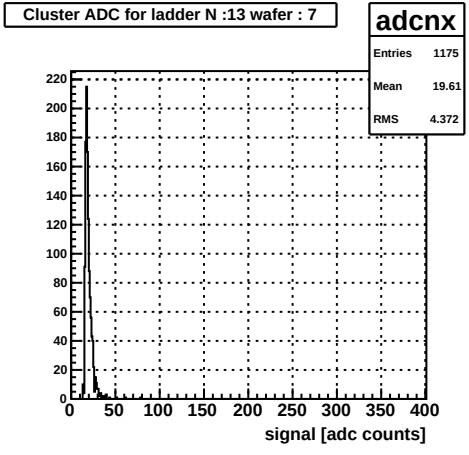

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 920
Mean 25.65
RMS 13.63
signal [adc counts]

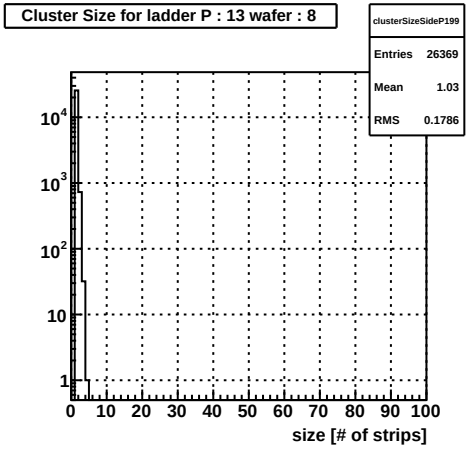

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1326
Mean 1.002
RMS 0.03881
size [# of strips]

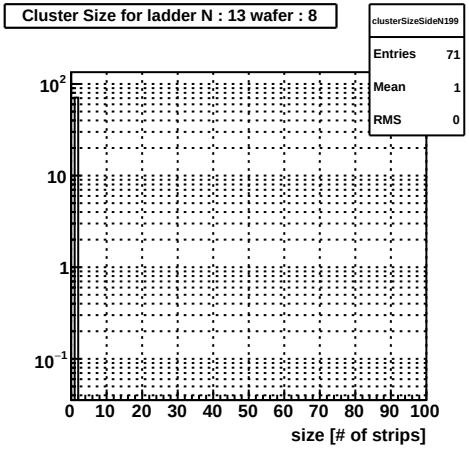

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1175
Mean 1.016
RMS 0.139
size [# of strips]

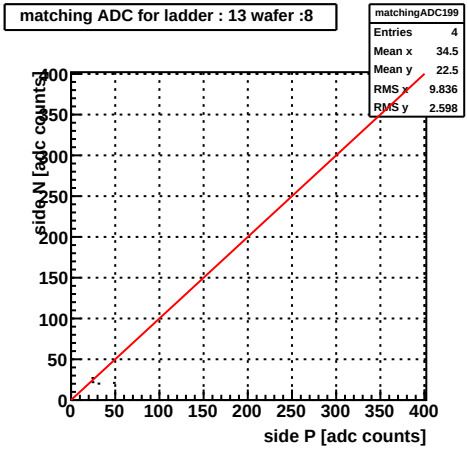

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1
Mean x 103
Mean y 79
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

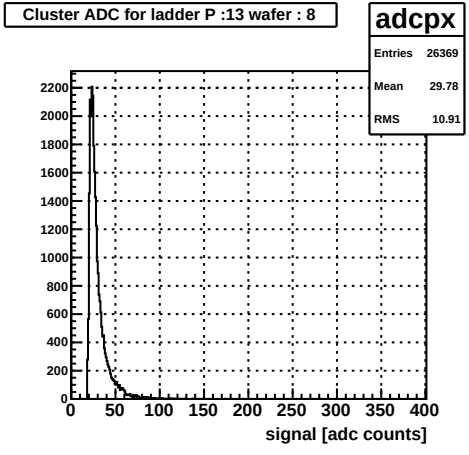

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1326
Mean 33.08
RMS 14.06
signal [adc counts]

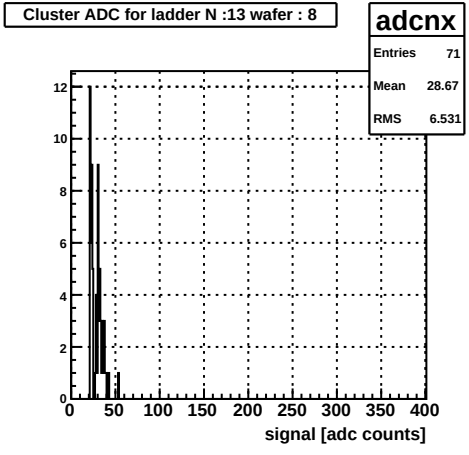

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1175
Mean 19.61
RMS 4.372
signal [adc counts]

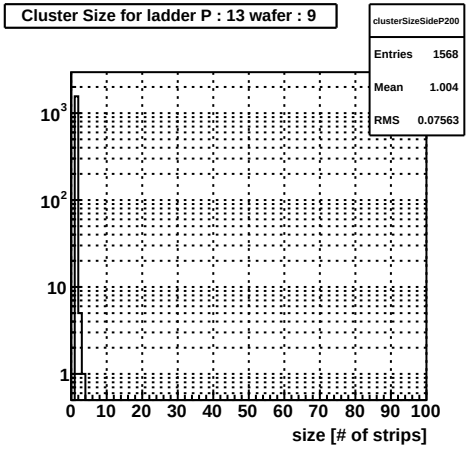

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 26369
Mean 1.03
RMS 0.1786
size [# of strips]

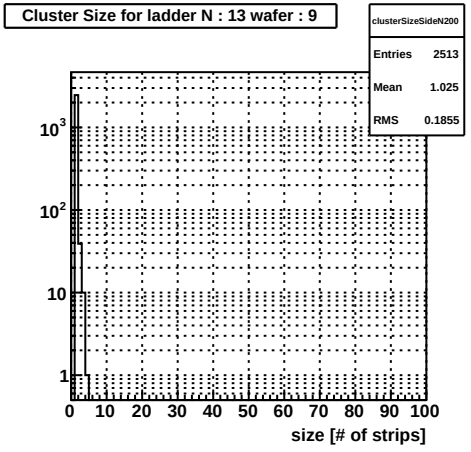

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 71
Mean 1
RMS 0
size [# of strips]

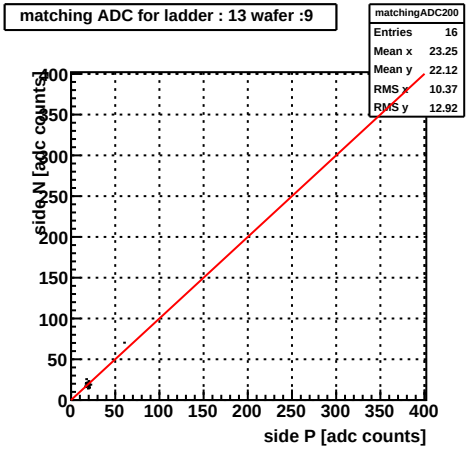

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4
Mean x 34.5
Mean y 22.5
RMS x 9.836
RMS y 2.598
side N [adc counts]
side P [adc counts]

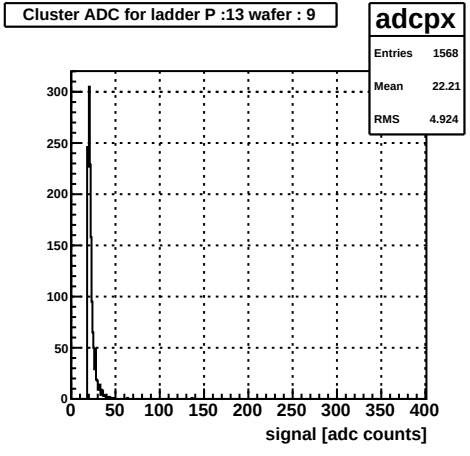

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 26369
Mean 29.78
RMS 10.91
signal [adc counts]

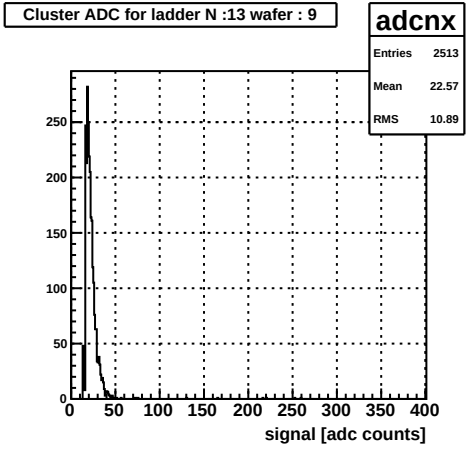

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 71
Mean 28.67
RMS 6.531
signal [adc counts]

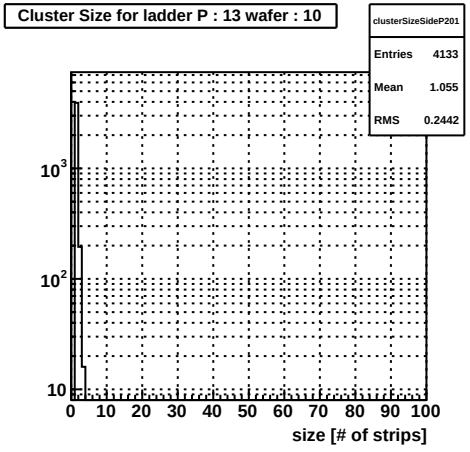

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1568
Mean 1.004
RMS 0.07563
size [# of strips]

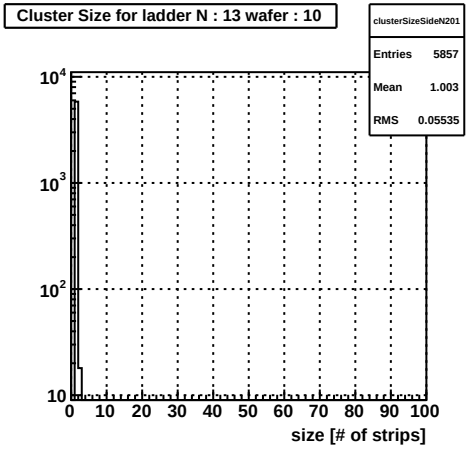

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2513
Mean 1.025
RMS 0.1855
size [# of strips]

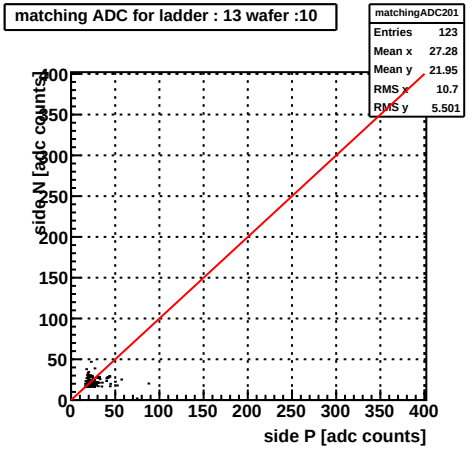

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 16
Mean x 23.25
Mean y 22.12
RMS x 10.37
RMS y 12.92
side N [adc counts]
side P [adc counts]

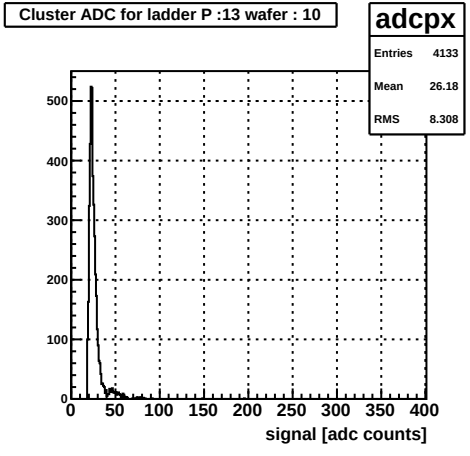

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1568
Mean 22.21
RMS 4.924
signal [adc counts]

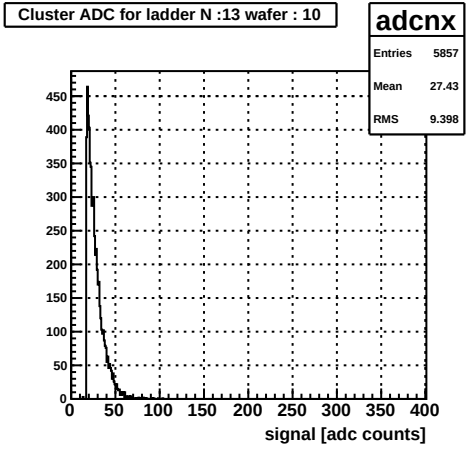

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2513
Mean 22.57
RMS 10.89
signal [adc counts]

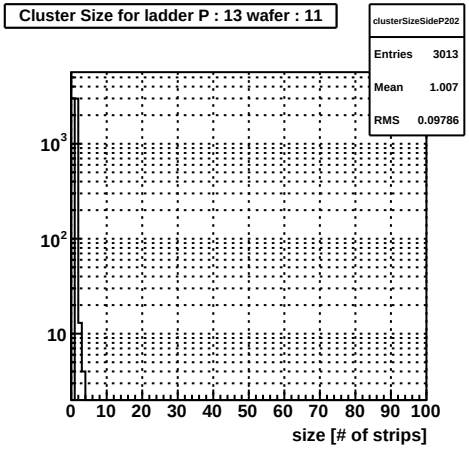

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4133
Mean 1.055
RMS 0.2442
size [# of strips]

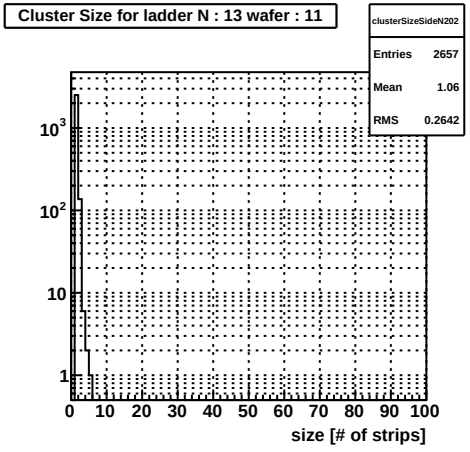

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 5857
Mean 1.003
RMS 0.05535
size [# of strips]

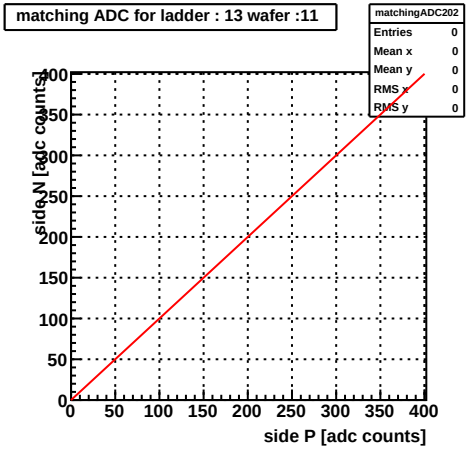

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 123
Mean x 27.28
Mean y 21.95
RMS x 10.7
RMS y 5.501
side N [adc counts]
side P [adc counts]

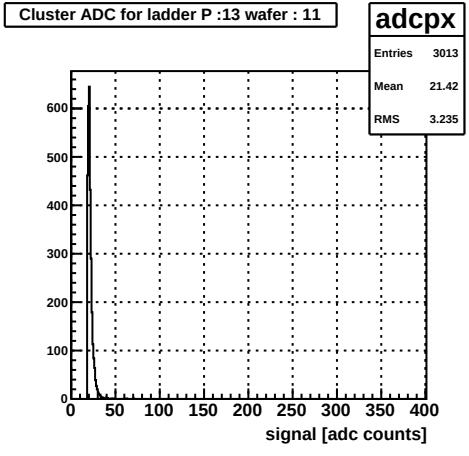

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4133
Mean 26.18
RMS 8.308
signal [adc counts]

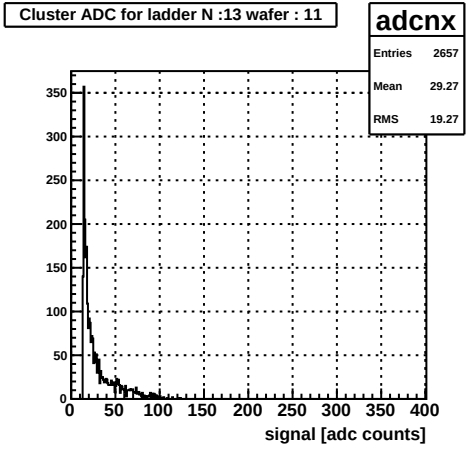

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 5857
Mean 27.43
RMS 9.398
signal [adc counts]

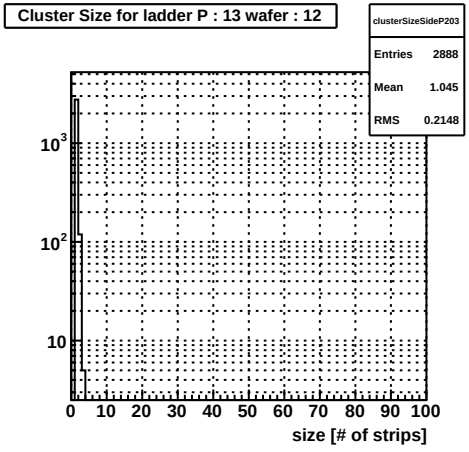

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3013
Mean 1.007
RMS 0.09786
size [# of strips]

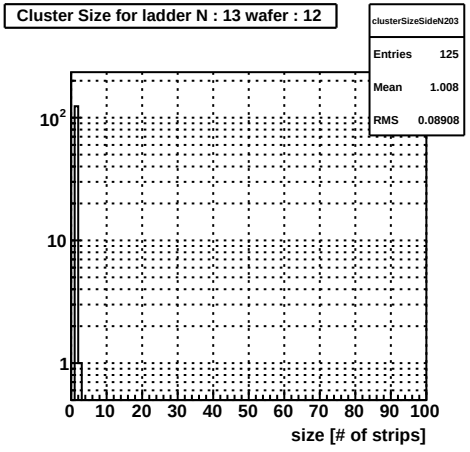

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2657
Mean 1.06
RMS 0.2642
size [# of strips]

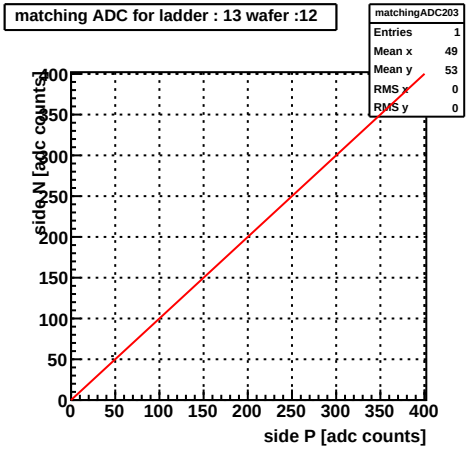

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

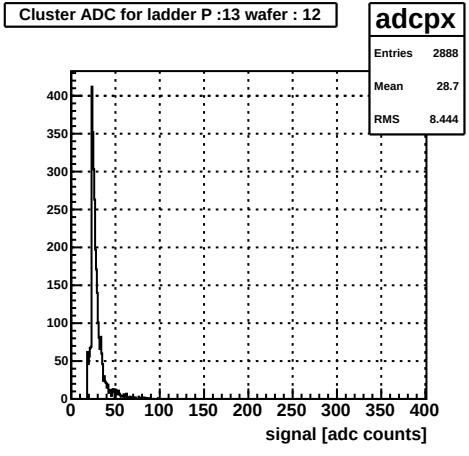

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3013
Mean 21.42
RMS 3.235
signal [adc counts]

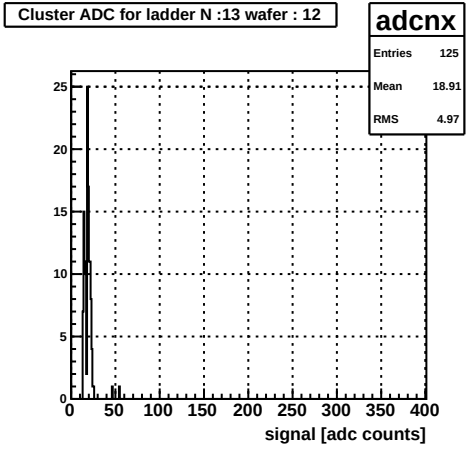

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2657
Mean 29.27
RMS 19.27
signal [adc counts]

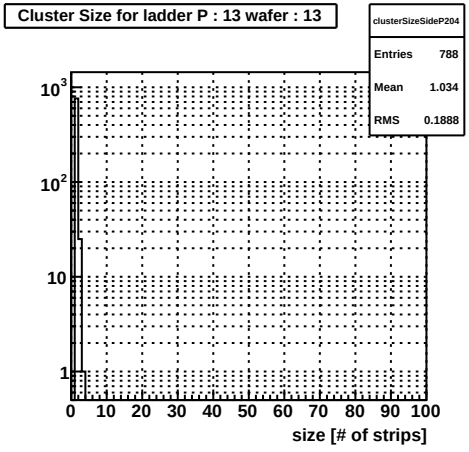

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2888
Mean 1.045
RMS 0.2148
size [# of strips]

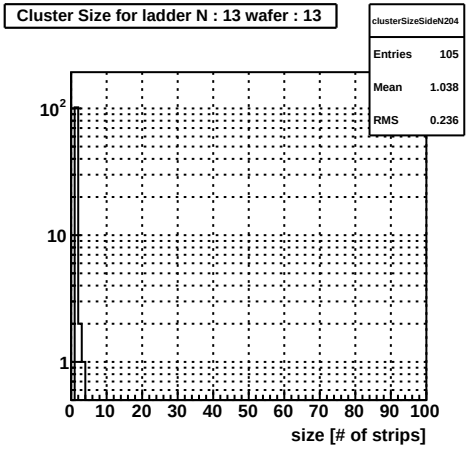

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 125
Mean 1.008
RMS 0.08908
size [# of strips]

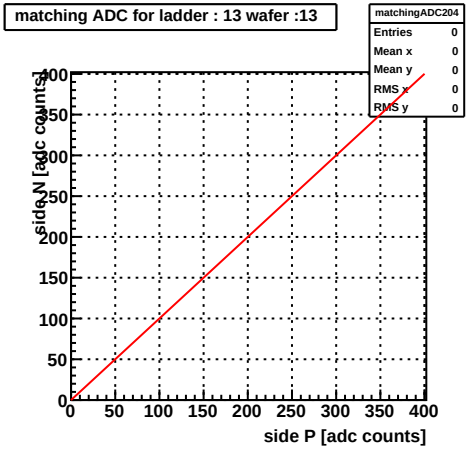

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1
Mean x 49
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

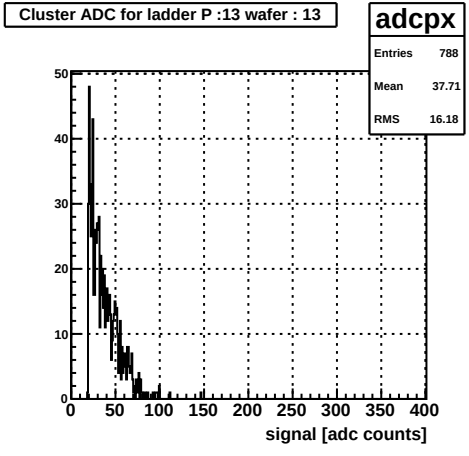

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2888
Mean 28.7
RMS 8.444
signal [adc counts]

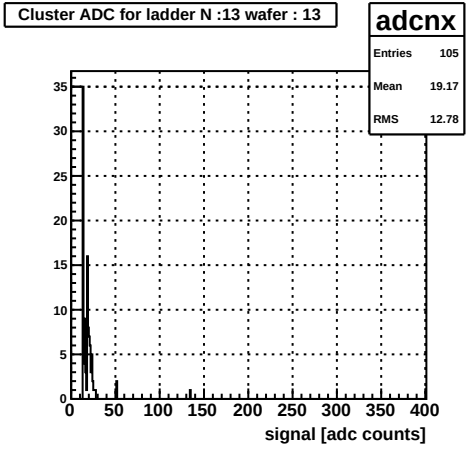

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 125
Mean 18.91
RMS 4.97
signal [adc counts]

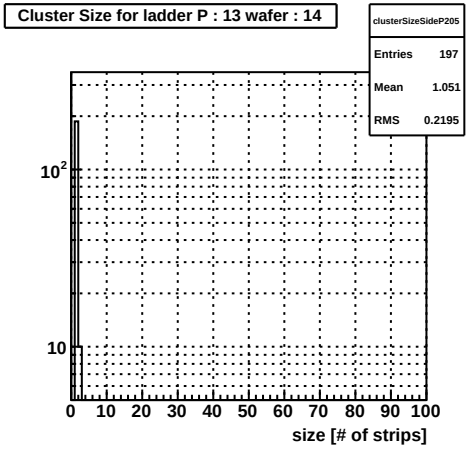

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 788
Mean 1.034
RMS 0.1888
size [# of strips]

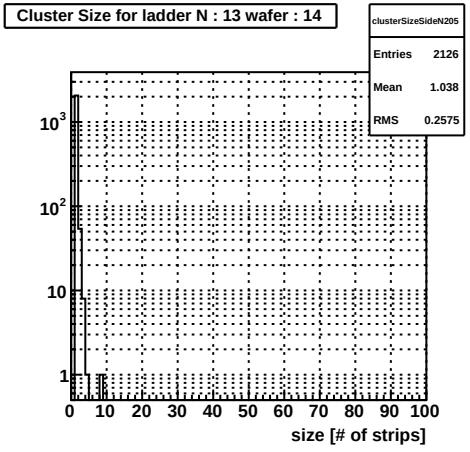

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 105
Mean 1.038
RMS 0.236
size [# of strips]

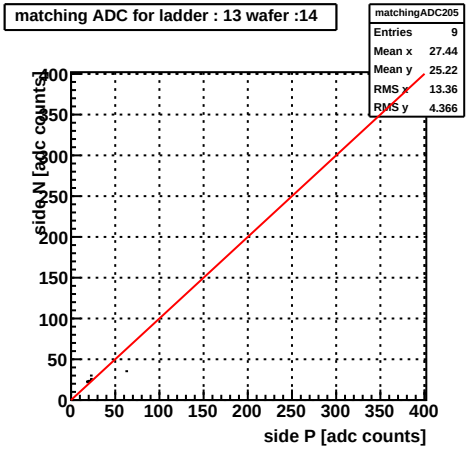

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

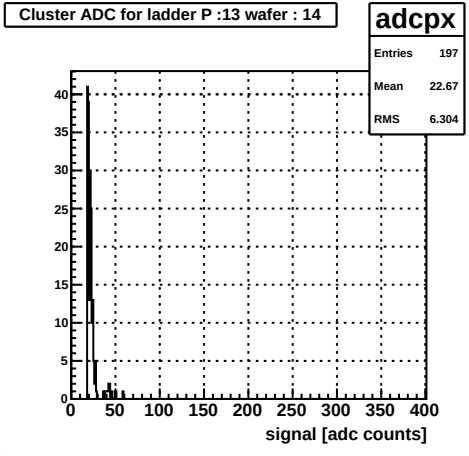

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 788
Mean 37.71
RMS 16.18
signal [adc counts]

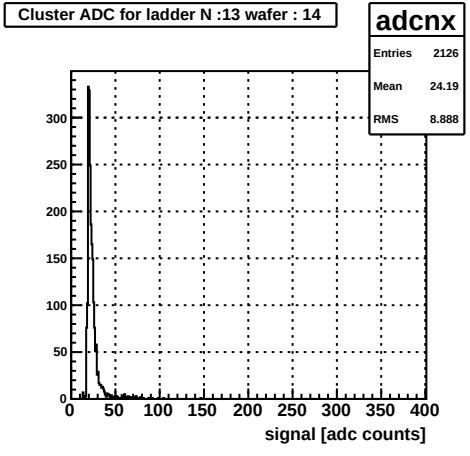

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 105
Mean 19.17
RMS 12.78
signal [adc counts]

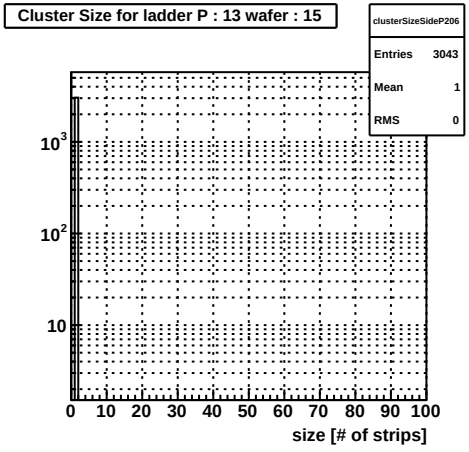

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 197
Mean 1.051
RMS 0.2195
size [# of strips]

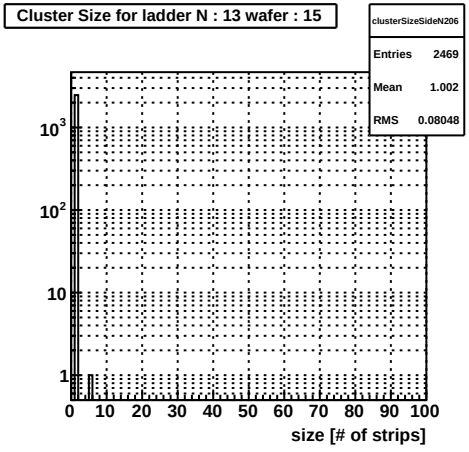

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2126
Mean 1.038
RMS 0.2575
size [# of strips]

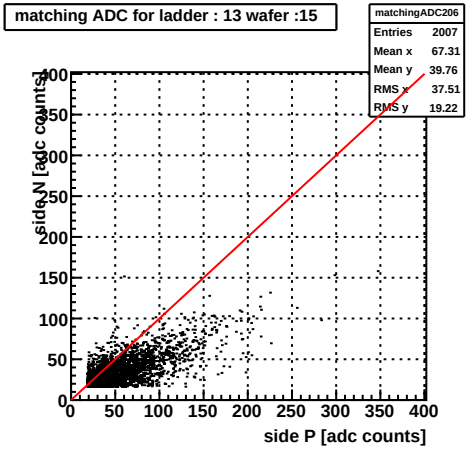

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 9
Mean x 27.44
Mean y 25.22
RMS x 13.36
RMS y 4.366
side N [adc counts]
side P [adc counts]

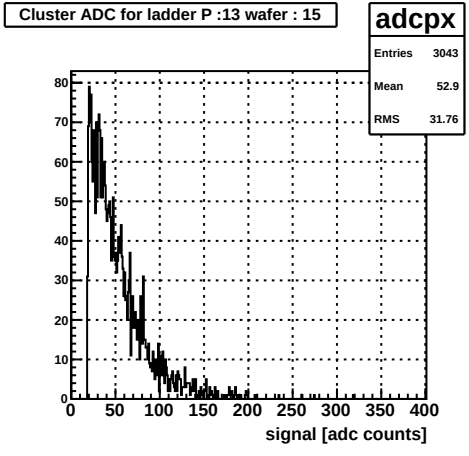

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 197
Mean 22.67
RMS 6.304
signal [adc counts]

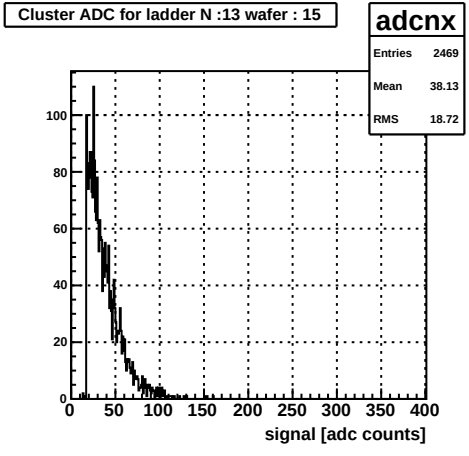

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2126
Mean 24.19
RMS 8.888
signal [adc counts]

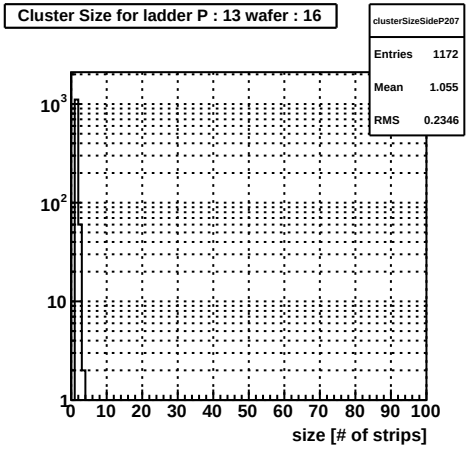

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 3043
Mean 1
RMS 0
size [# of strips]

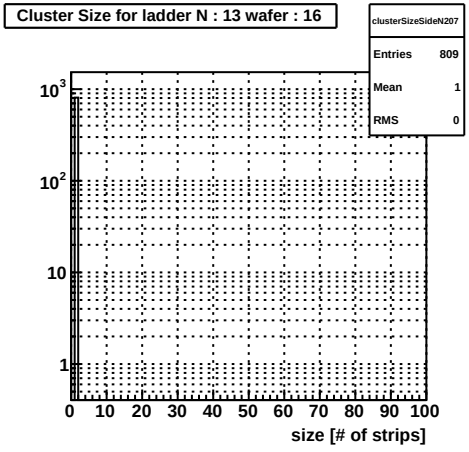

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2469
Mean 1.002
RMS 0.08048
size [# of strips]

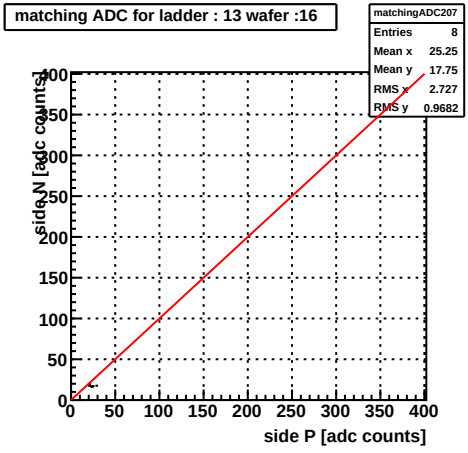

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 2007
Mean x 67.31
Mean y 39.76
RMS x 37.51
RMS y 19.22
side N [adc counts]
side P [adc counts]

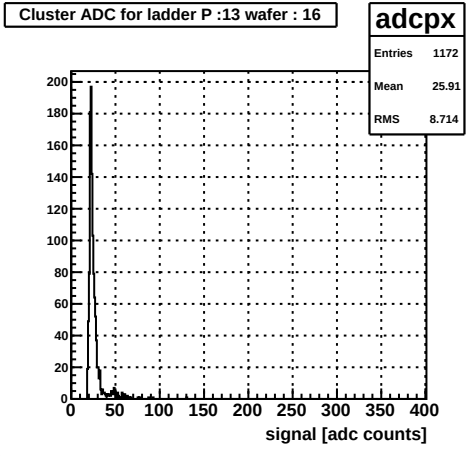

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 3043
Mean 52.9
RMS 31.76
signal [adc counts]

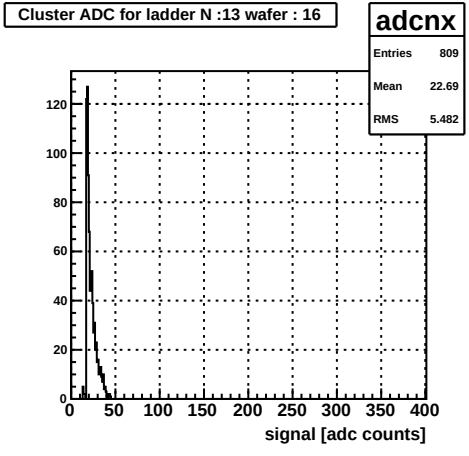

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2469
Mean 38.13
RMS 18.72
signal [adc counts]

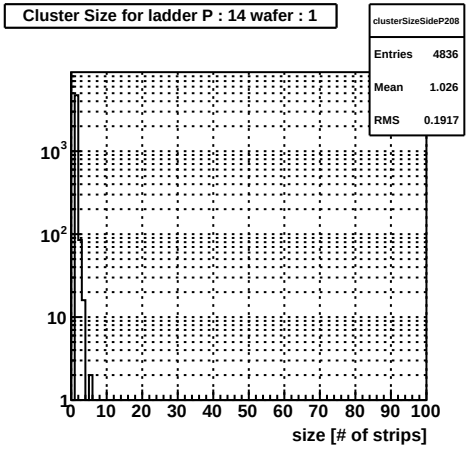

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1172
Mean 1.055
RMS 0.2346
size [# of strips]

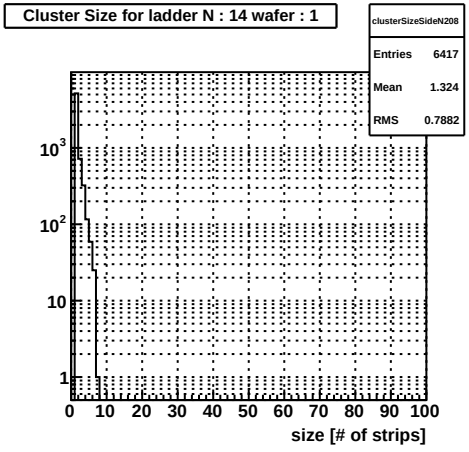

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 809
Mean 1
RMS 0
size [# of strips]

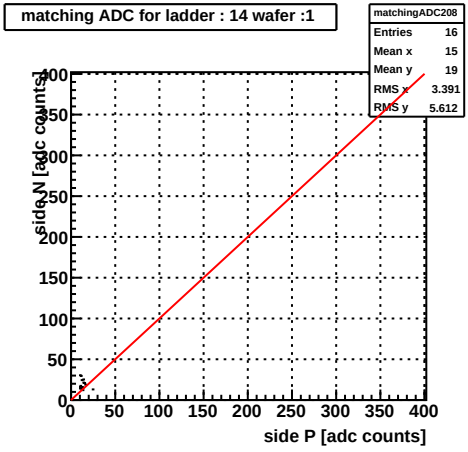

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 8
Mean x 25.25
Mean y 17.75
RMS x 2.727
RMS y 0.9682
side N [adc counts]
side P [adc counts]

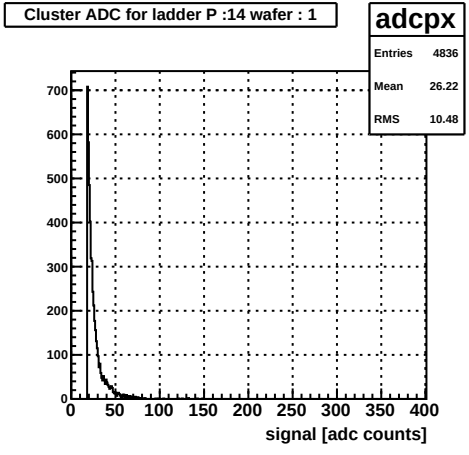

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1172
Mean 25.91
RMS 8.714
signal [adc counts]

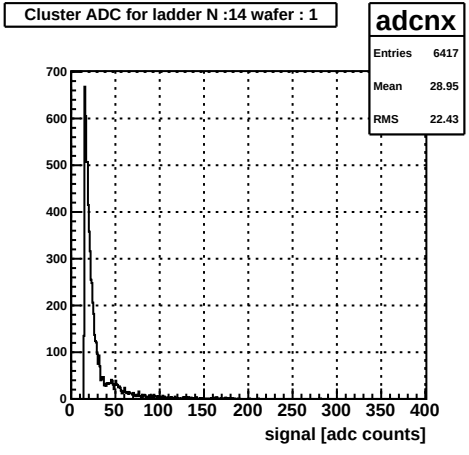

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 809
Mean 22.69
RMS 5.482
signal [adc counts]

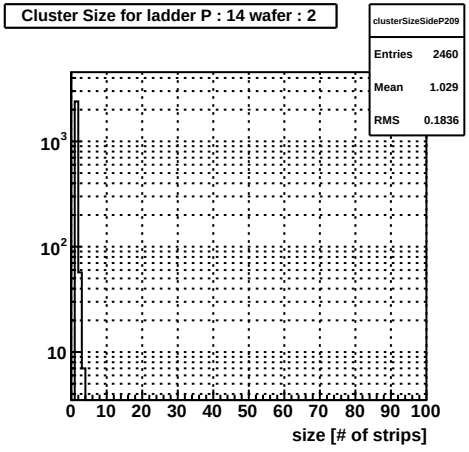

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4836
Mean 1.026
RMS 0.1917
size [# of strips]

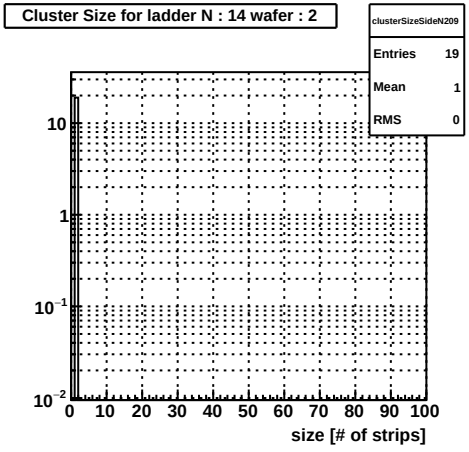

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6417
Mean 1.324
RMS 0.7882
size [# of strips]

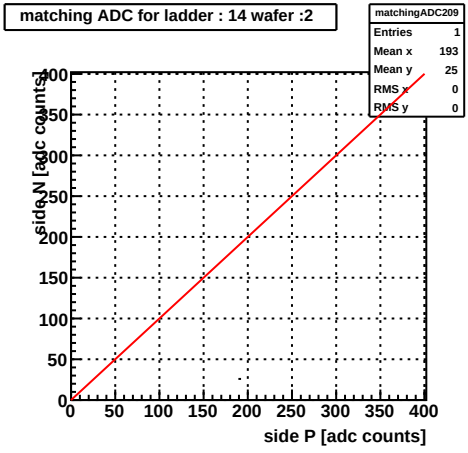

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 16
Mean x 15
Mean y 19
RMS x 3.391
RMS y 5.612
side N [adc counts]
side P [adc counts]

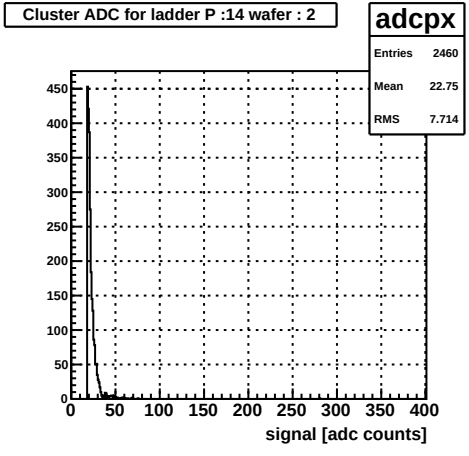

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4836
Mean 26.22
RMS 10.48
signal [adc counts]

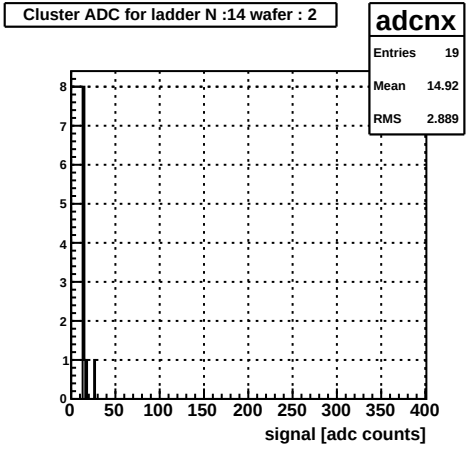

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6417
Mean 28.95
RMS 22.43
signal [adc counts]

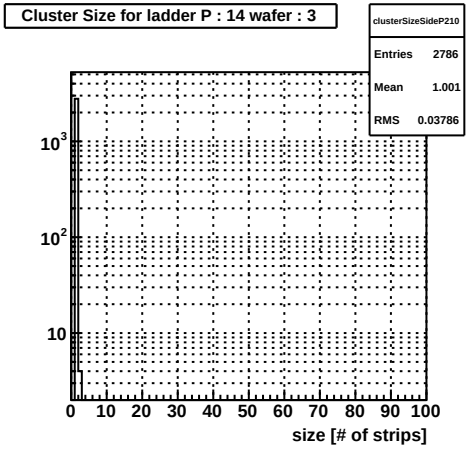

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2460
Mean 1.029
RMS 0.1836
size [# of strips]

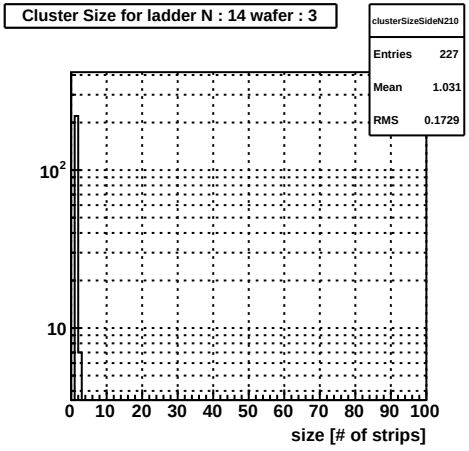

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 19
Mean 1
RMS 0
size [# of strips]

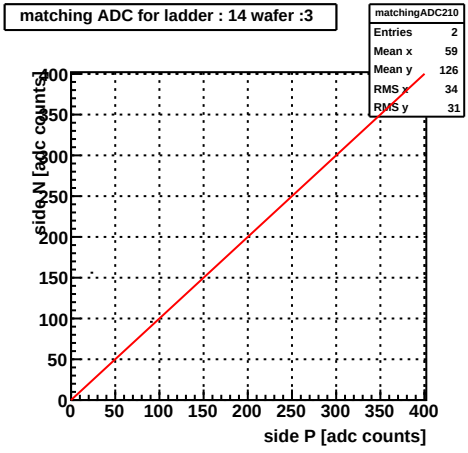

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1
Mean x 193
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

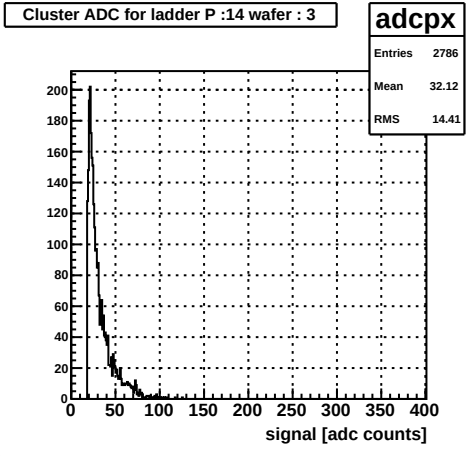

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2460
Mean 22.75
RMS 7.714
signal [adc counts]

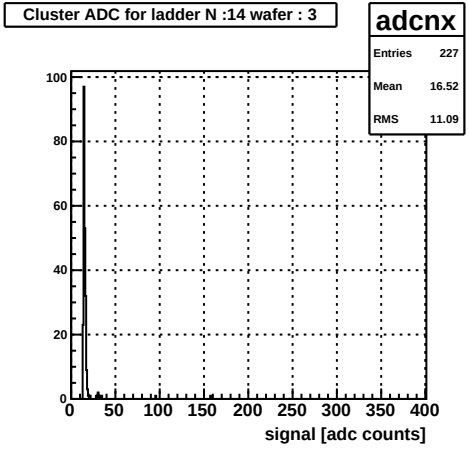

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 19
Mean 14.92
RMS 2.889
signal [adc counts]

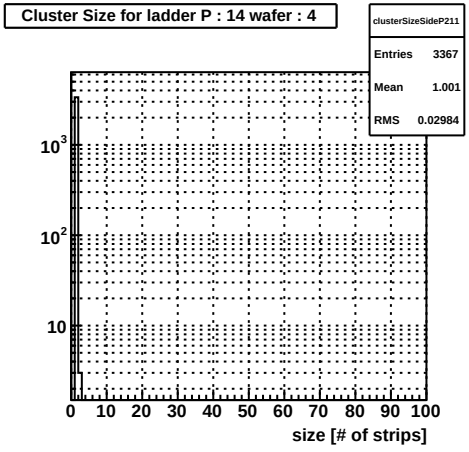

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2786
Mean 1.001
RMS 0.03786
size [# of strips]

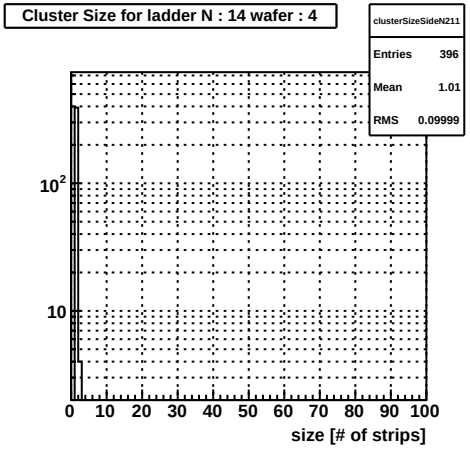

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 227
Mean 1.031
RMS 0.1729
size [# of strips]

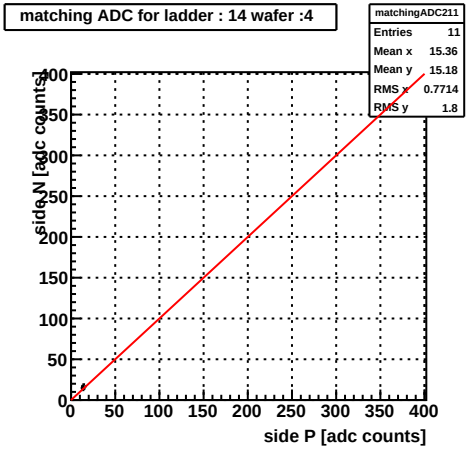

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2
Mean x 59
Mean y 126
RMS x 34
RMS y 31
side N [adc counts]
side P [adc counts]

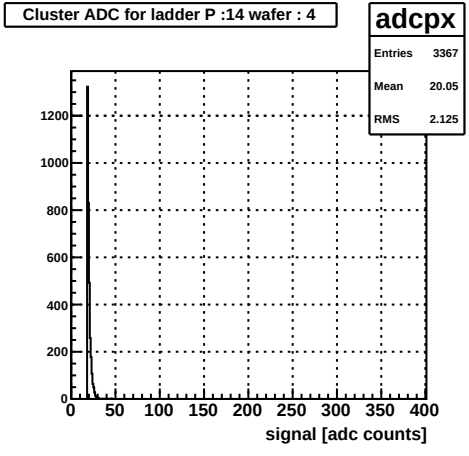

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2786
Mean 32.12
RMS 14.41
signal [adc counts]

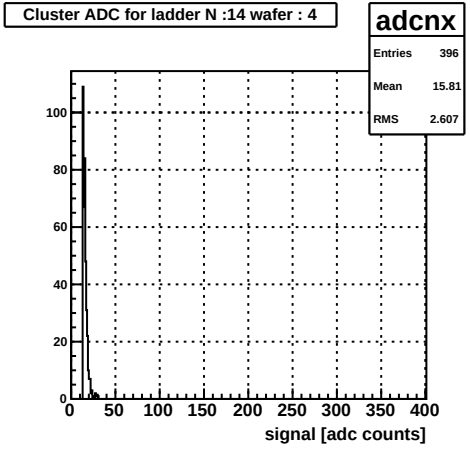

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 227
Mean 16.52
RMS 11.09
signal [adc counts]

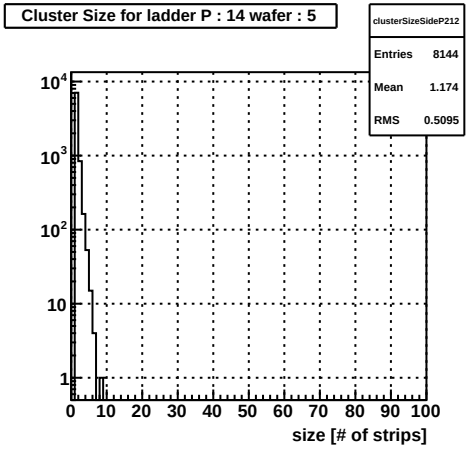

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3367
Mean 1.001
RMS 0.02984
size [# of strips]

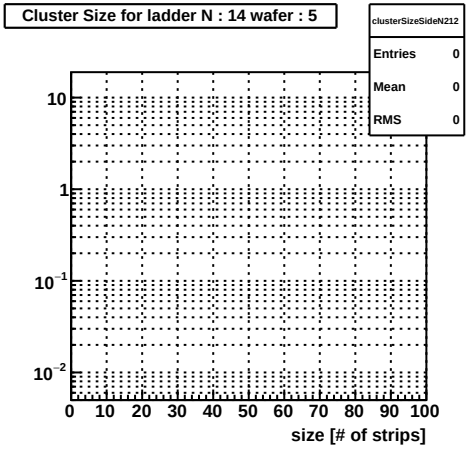

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 396
Mean 1.01
RMS 0.09999
size [# of strips]

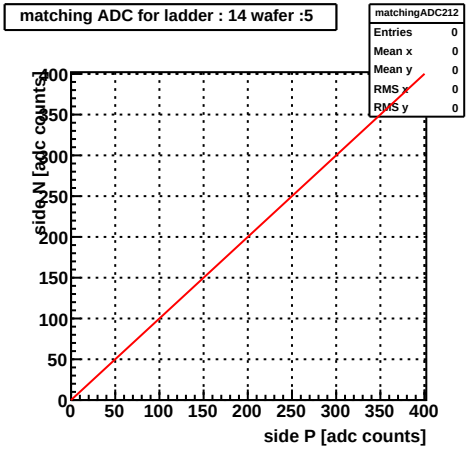

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 11
Mean x 15.36
Mean y 15.18
RMS x 0.7714
RMS y 1.8
side N [adc counts]
side P [adc counts]

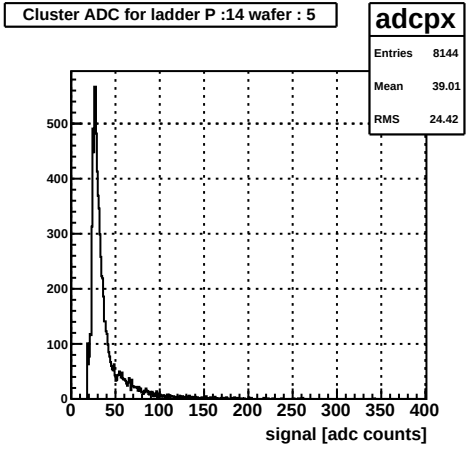

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3367
Mean 20.05
RMS 2.125
signal [adc counts]

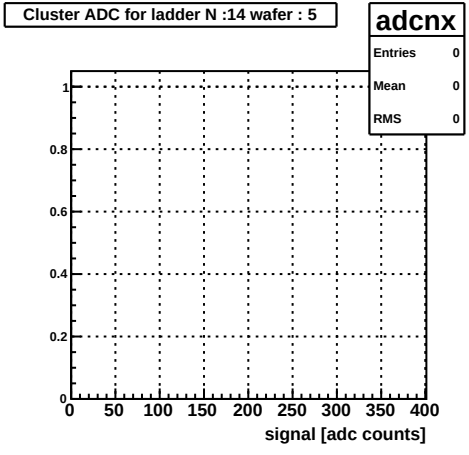

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 396
Mean 15.81
RMS 2.607
signal [adc counts]

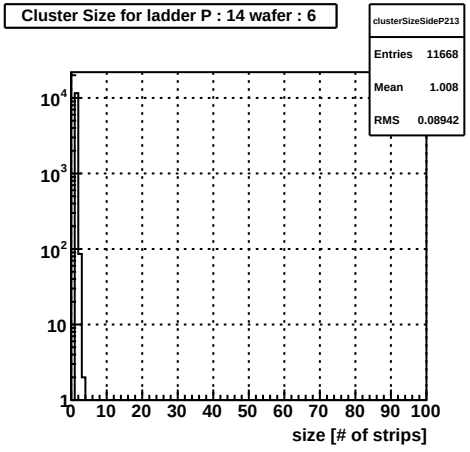

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8144
Mean 1.174
RMS 0.5095
size [# of strips]

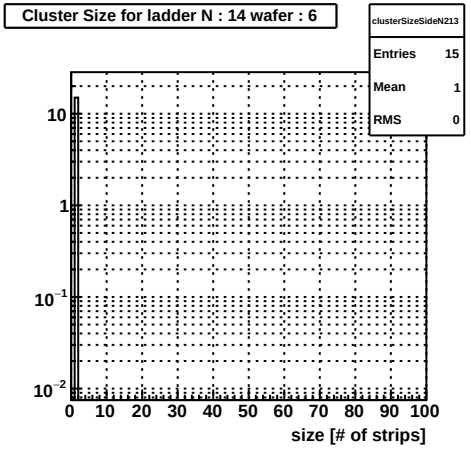

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

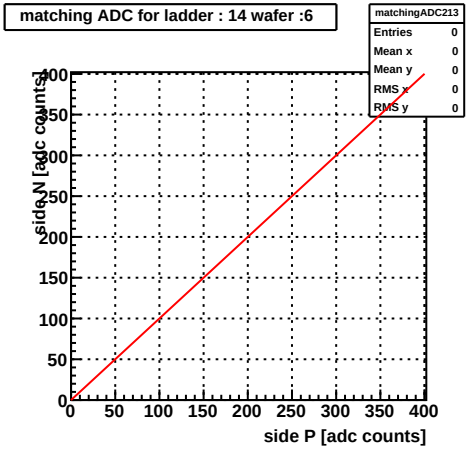

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

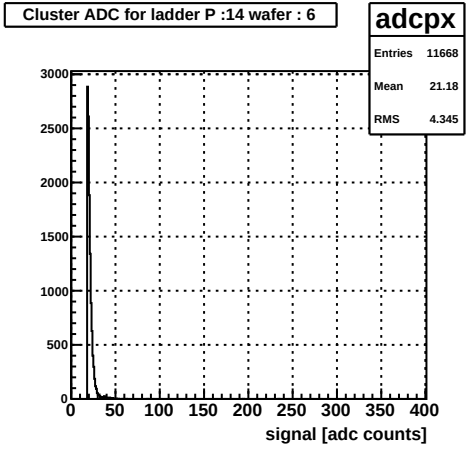

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8144
Mean 39.01
RMS 24.42
signal [adc counts]

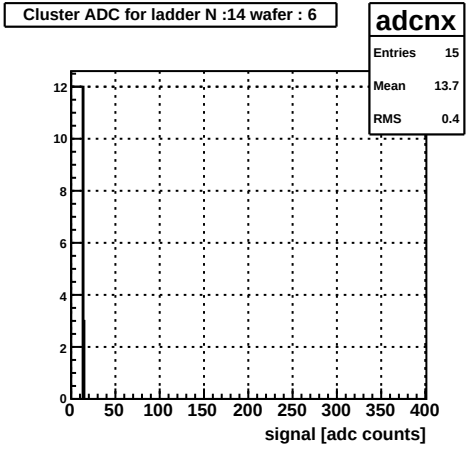

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

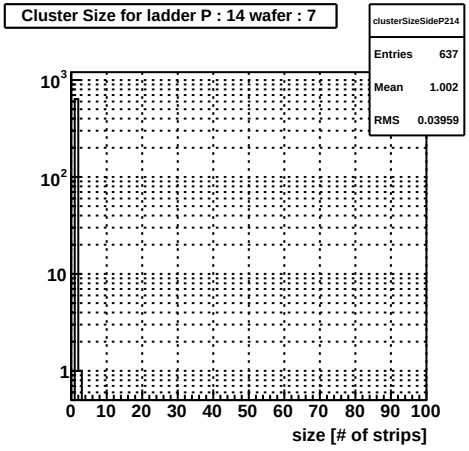

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 11668
Mean 1.008
RMS 0.08942
size [# of strips]

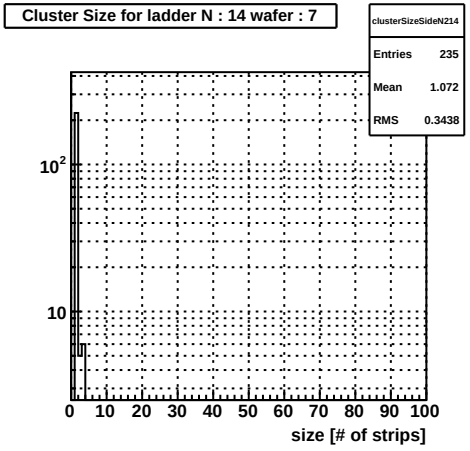

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 15
Mean 1
RMS 0
size [# of strips]

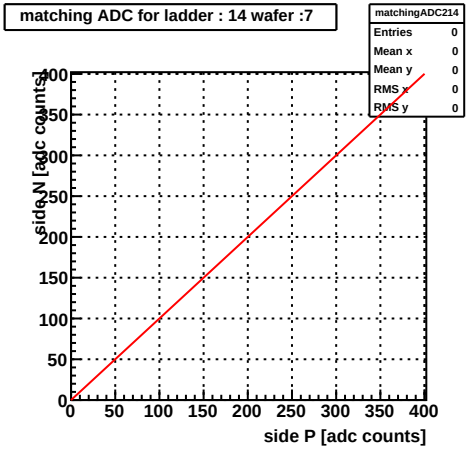

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

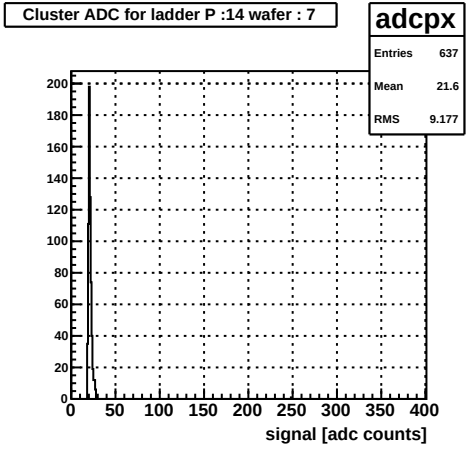

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 11668
Mean 21.18
RMS 4.345
signal [adc counts]

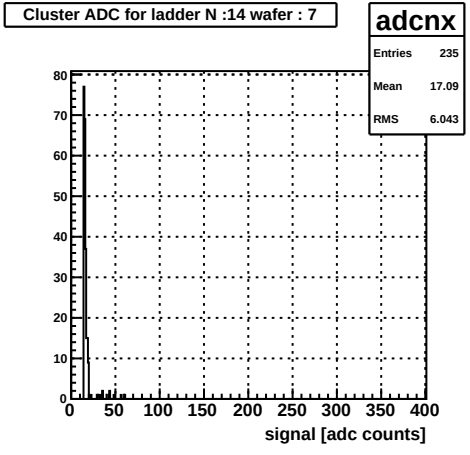

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 15
Mean 13.7
RMS 0.4
signal [adc counts]

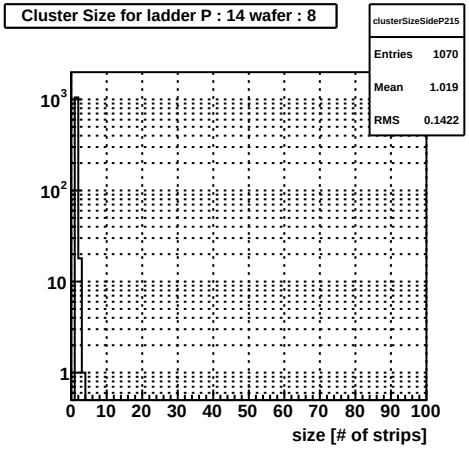

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 637
Mean 1.002
RMS 0.03959
size [# of strips]

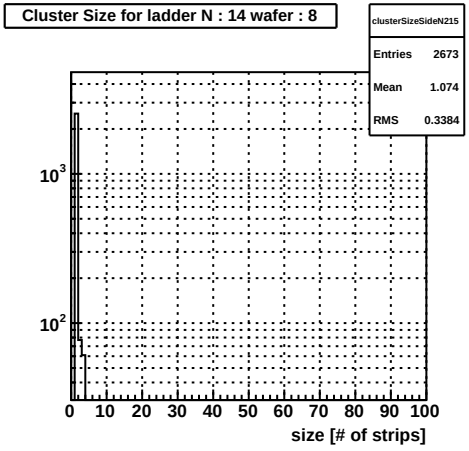

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 235
Mean 1.072
RMS 0.3438
size [# of strips]

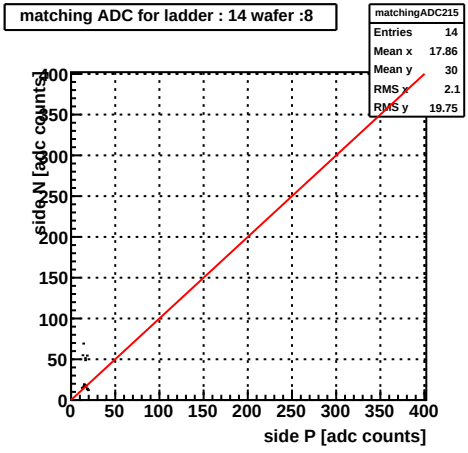

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

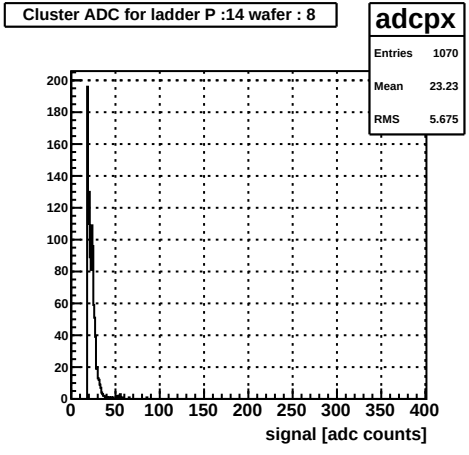

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 637
Mean 21.6
RMS 9.177
signal [adc counts]

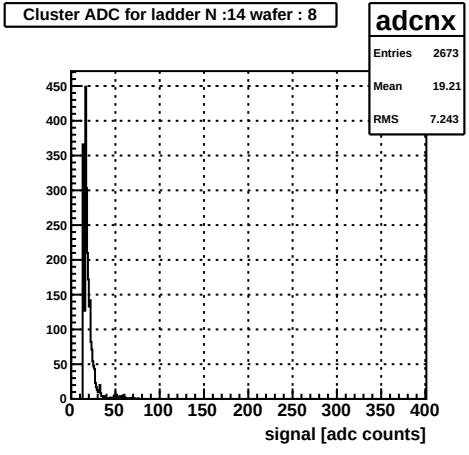

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 235
Mean 17.09
RMS 6.043
signal [adc counts]

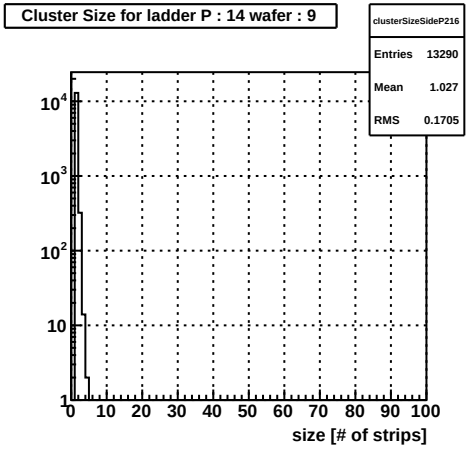

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 1070
Mean 1.019
RMS 0.1422
size [# of strips]

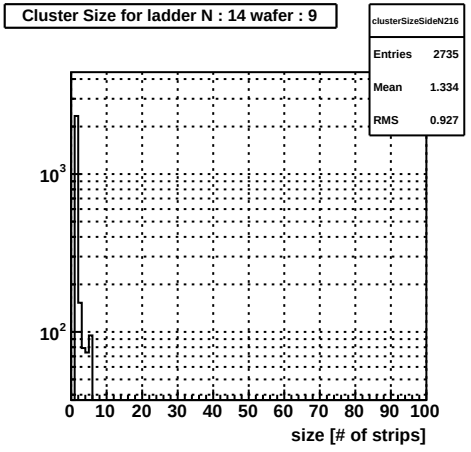

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2673
Mean 1.074
RMS 0.3384
size [# of strips]

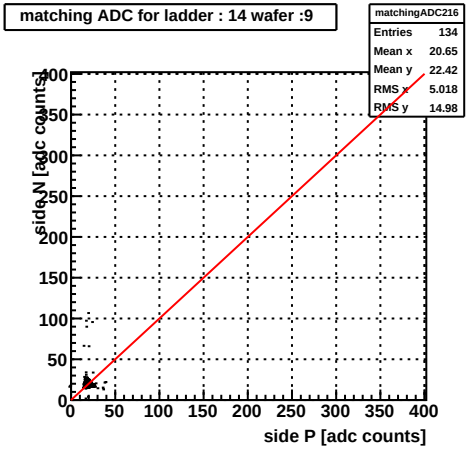

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 14
Mean x 17.86
Mean y 30
RMS x 2.1
RMS y 19.75
side N [adc counts]
side P [adc counts]

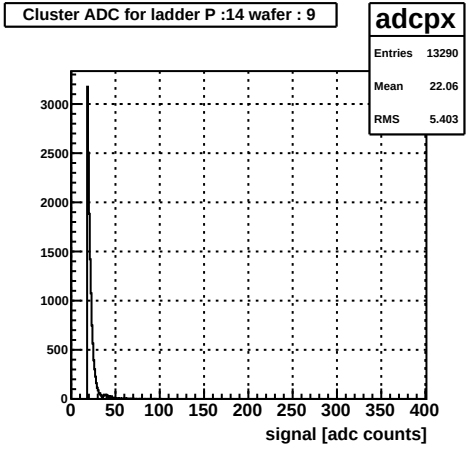

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 1070
Mean 23.23
RMS 5.675
signal [adc counts]

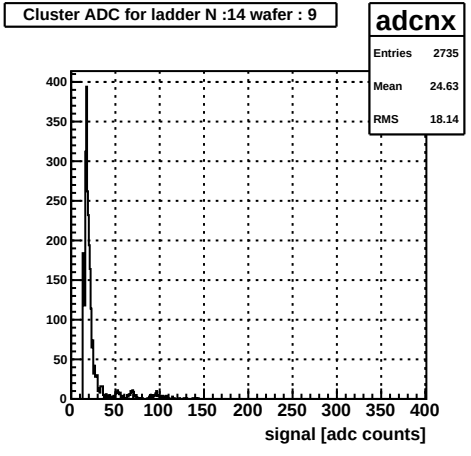

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2673
Mean 19.21
RMS 7.243
signal [adc counts]

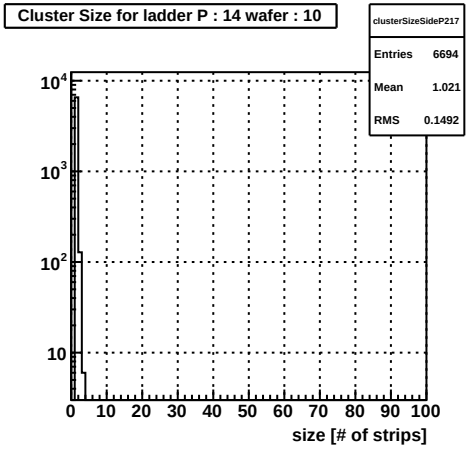

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13290
Mean 1.027
RMS 0.1705
size [# of strips]

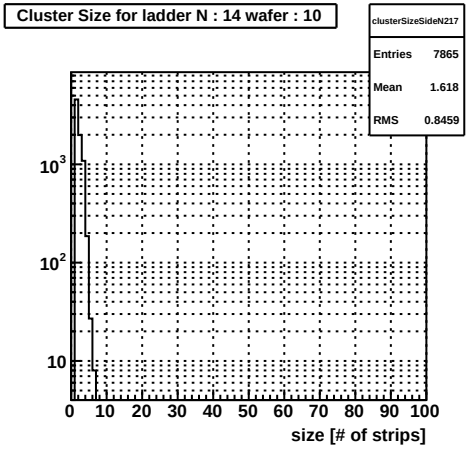

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2735
Mean 1.334
RMS 0.927
size [# of strips]

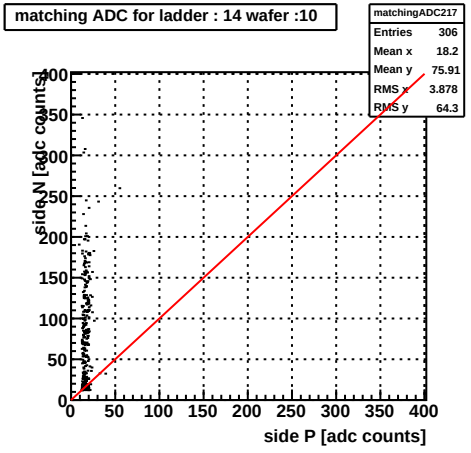

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 134
Mean x 20.65
Mean y 22.42
RMS x 5.018
RMS y 14.98
side N [adc counts]
side P [adc counts]

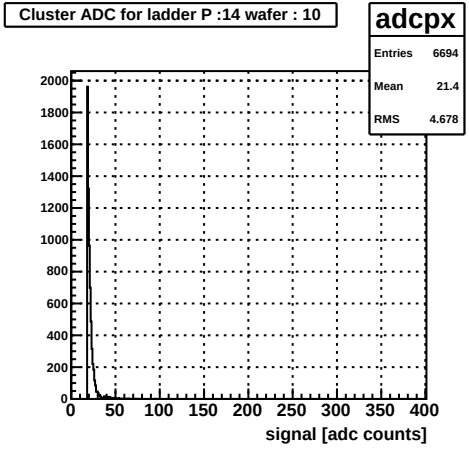

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13290
Mean 22.06
RMS 5.403
signal [adc counts]

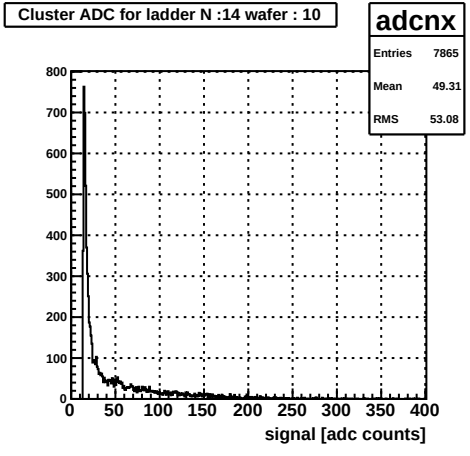

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2735
Mean 24.63
RMS 18.14
signal [adc counts]

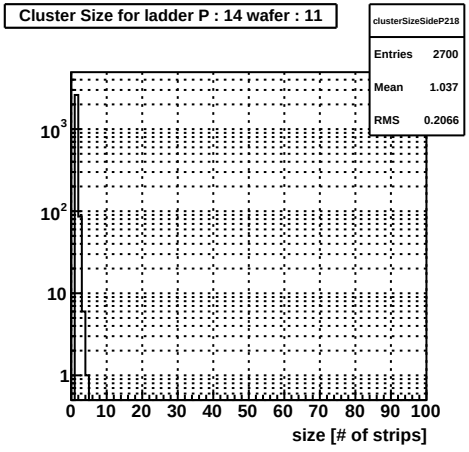

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6694
Mean 1.021
RMS 0.1492
size [# of strips]

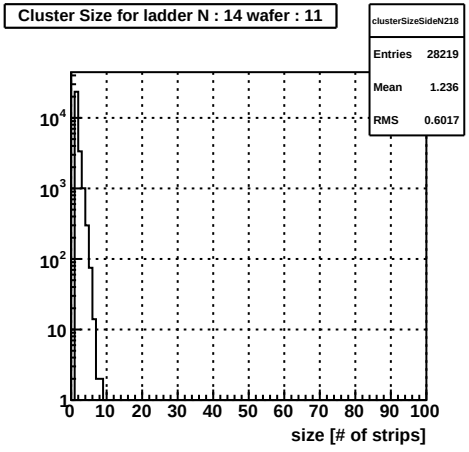

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7865
Mean 1.618
RMS 0.8459
size [# of strips]

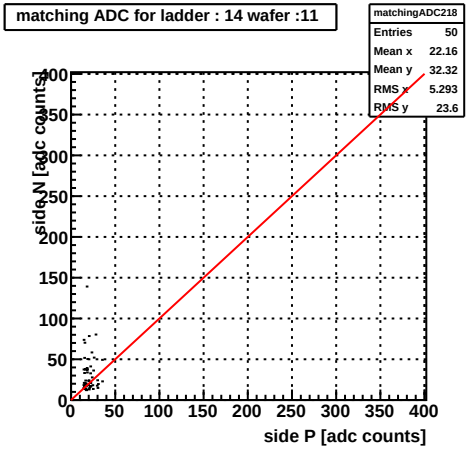

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 306
Mean x 18.2
Mean y 75.91
RMS x 3.878
RMS y 64.3
side N [adc counts]
side P [adc counts]

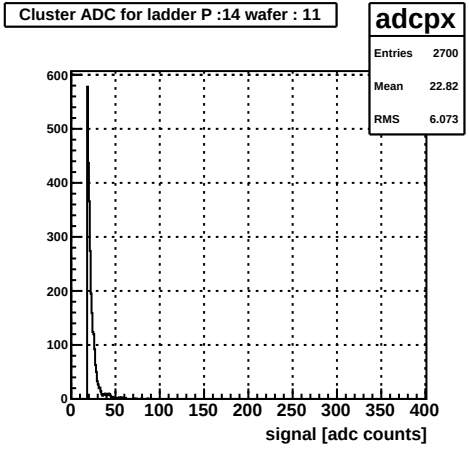

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6694
Mean 21.4
RMS 4.678
signal [adc counts]

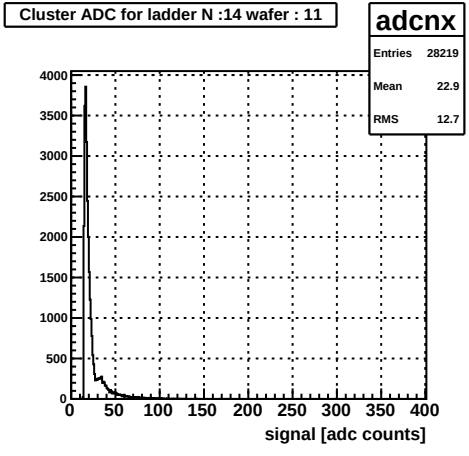

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7865
Mean 49.31
RMS 53.08
signal [adc counts]

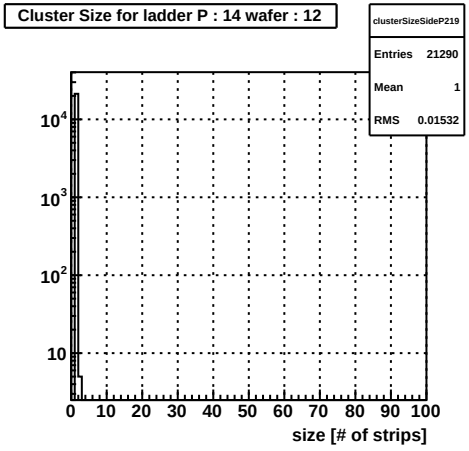

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2700
Mean 1.037
RMS 0.2066
size [# of strips]

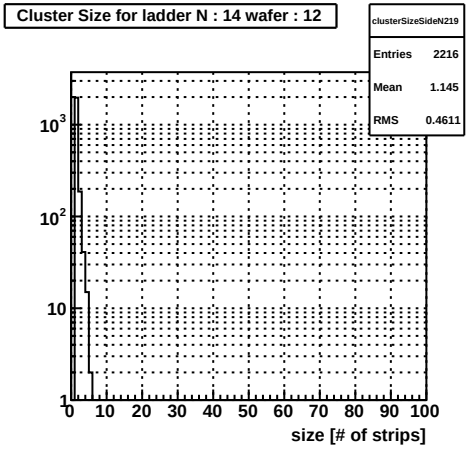

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 28219
Mean 1.236
RMS 0.6017
size [# of strips]

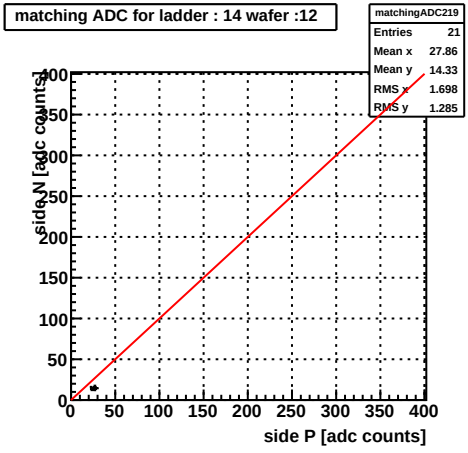

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 50
Mean x 22.16
Mean y 32.32
RMS x 5.293
RMS y 23.6
side N [adc counts]
side P [adc counts]

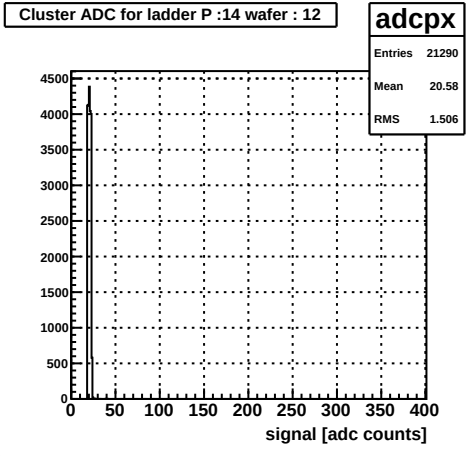

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2700
Mean 22.82
RMS 6.073
signal [adc counts]

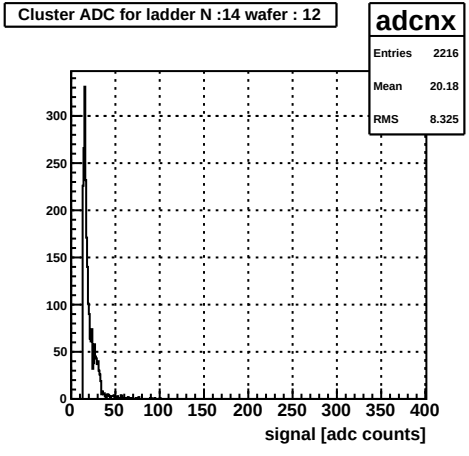

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 28219
Mean 22.9
RMS 12.7
signal [adc counts]

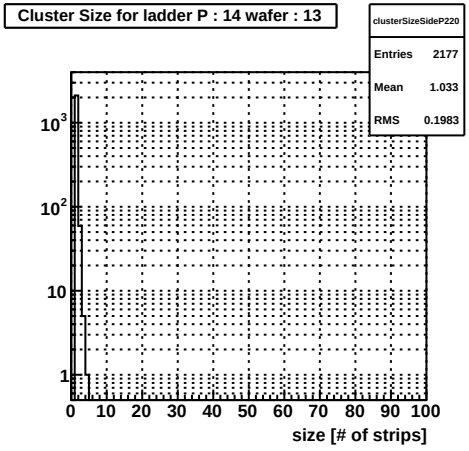

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 21290
Mean 1
RMS 0.01532
size [# of strips]

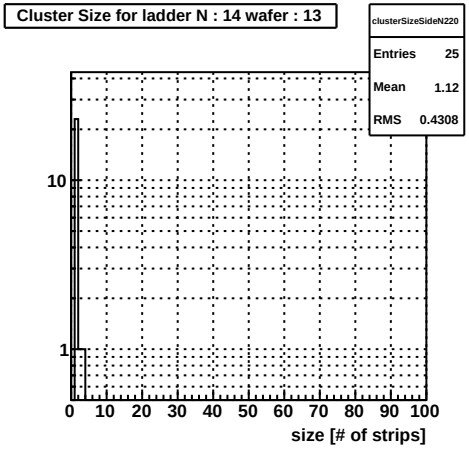

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2216
Mean 1.145
RMS 0.4611
size [# of strips]

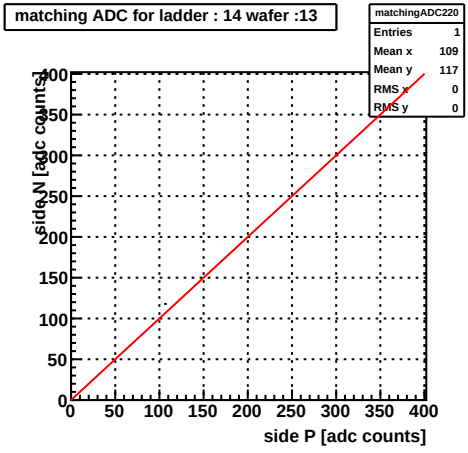

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 21
Mean x 27.86
Mean y 14.33
RMS x 1.698
RMS y 1.285
side N [adc counts]
side P [adc counts]

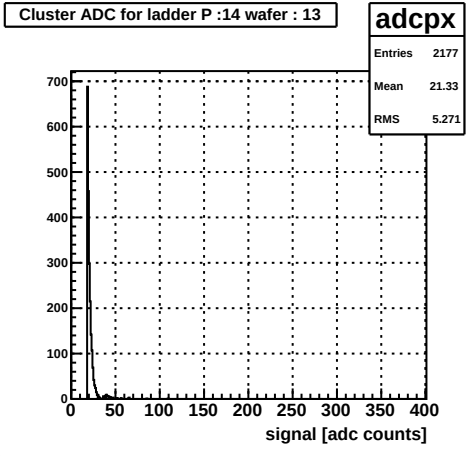

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 21290
Mean 20.58
RMS 1.506
signal [adc counts]

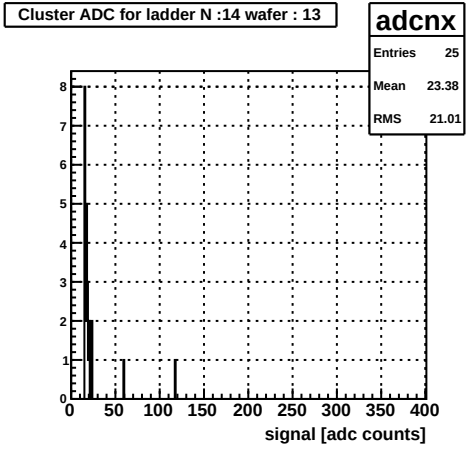

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2216
Mean 20.18
RMS 8.325
signal [adc counts]

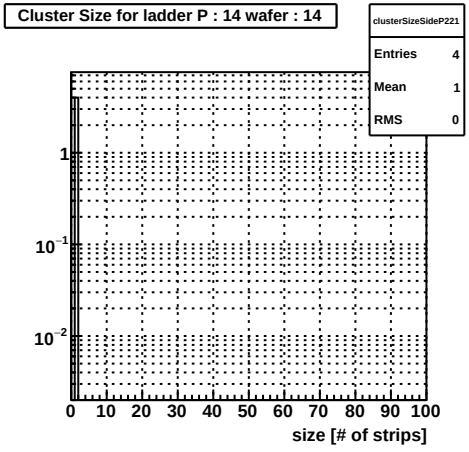

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 2177
Mean 1.033
RMS 0.1983
size [# of strips]

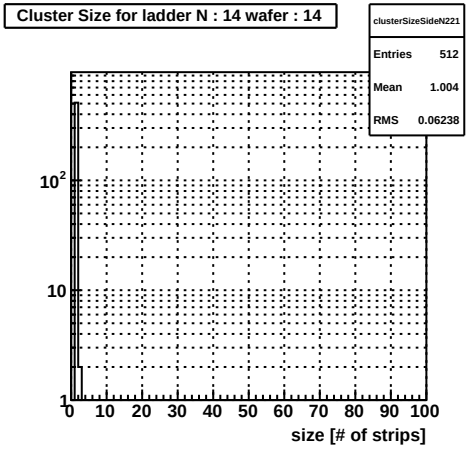

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 25
Mean 1.12
RMS 0.4308
size [# of strips]

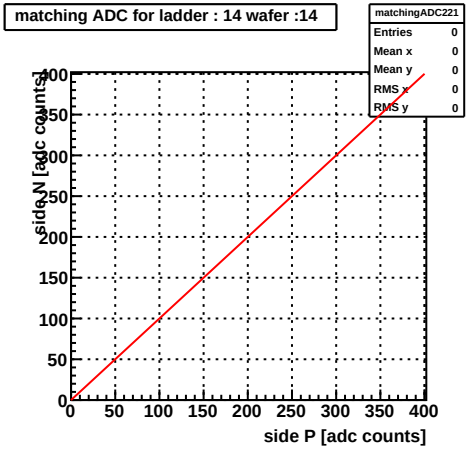

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1
Mean x 109
Mean y 117
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

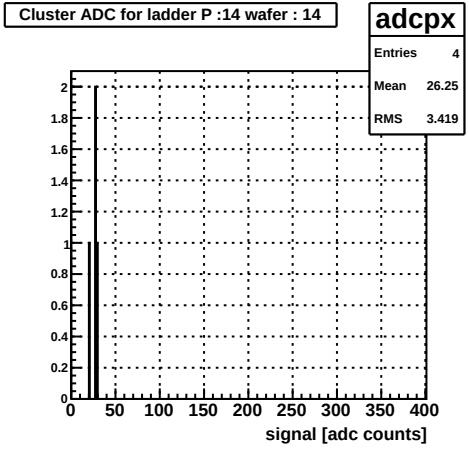

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 2177
Mean 21.33
RMS 5.271
signal [adc counts]

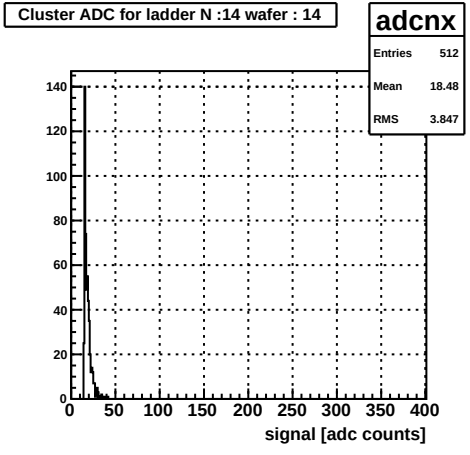

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 25
Mean 23.38
RMS 21.01
signal [adc counts]

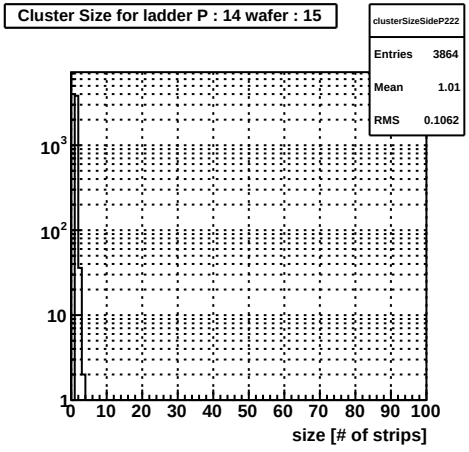

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 4
Mean 1
RMS 0
size [# of strips]

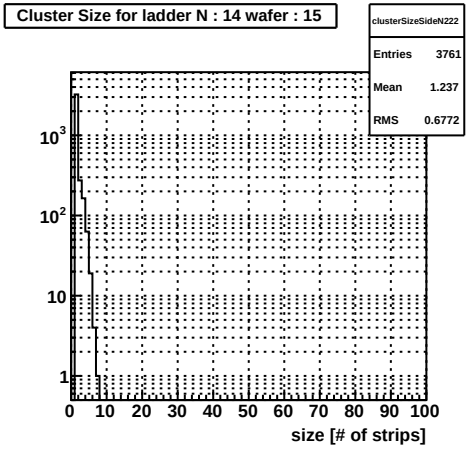

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 512
Mean 1.004
RMS 0.06238
size [# of strips]

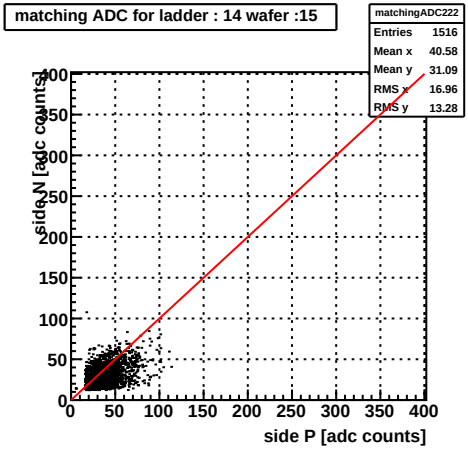

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

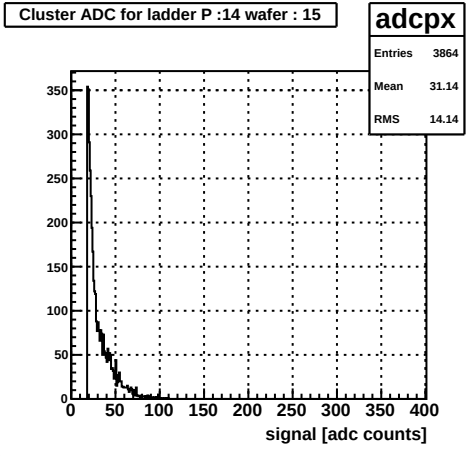

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 4
Mean 26.25
RMS 3.419
signal [adc counts]

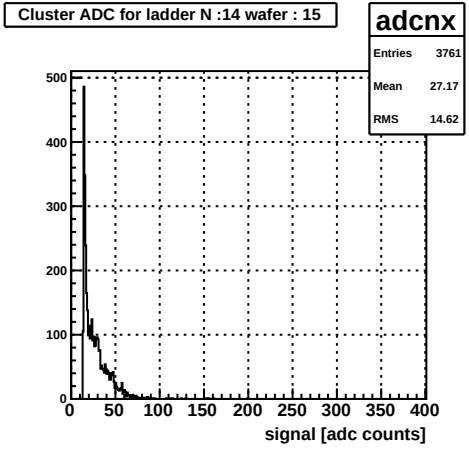

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 512
Mean 18.48
RMS 3.847
signal [adc counts]

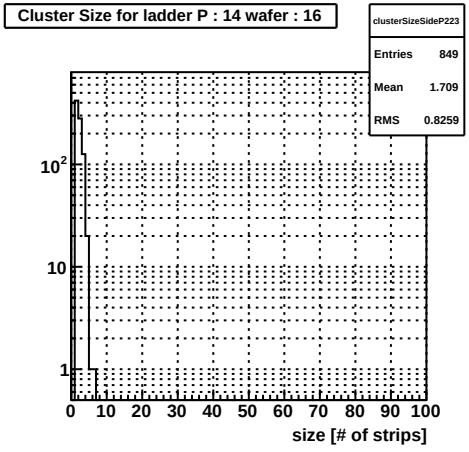

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3864
Mean 1.01
RMS 0.1062
size [# of strips]

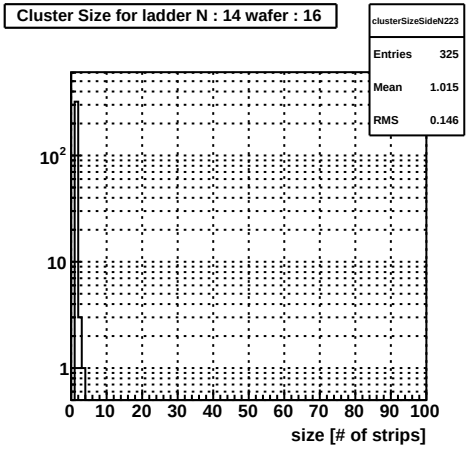

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3761
Mean 1.237
RMS 0.6772
size [# of strips]

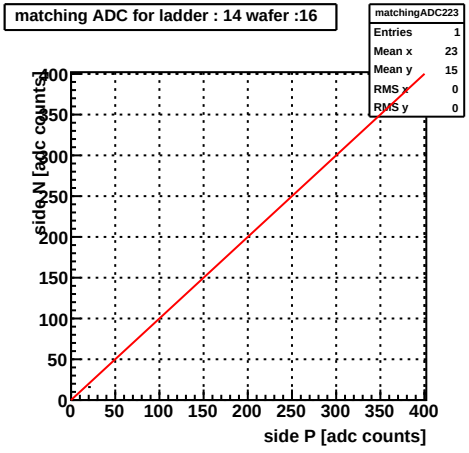

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1516
Mean x 40.58
Mean y 31.09
RMS x 16.96
RMS y 13.28
side N [adc counts]
side P [adc counts]

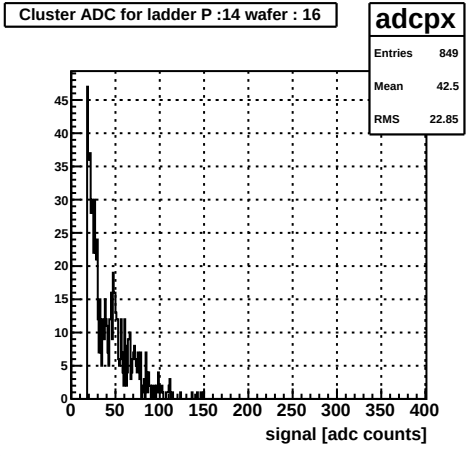

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3864
Mean 31.14
RMS 14.14
signal [adc counts]

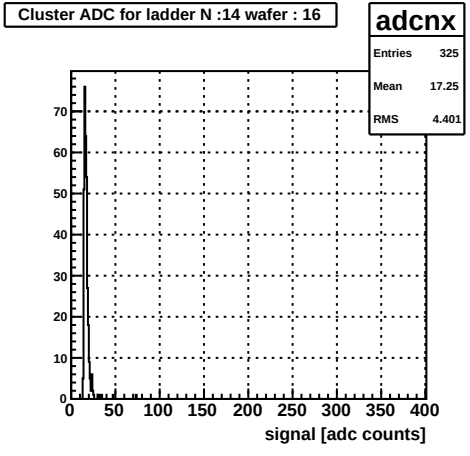

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3761
Mean 27.17
RMS 14.62
signal [adc counts]

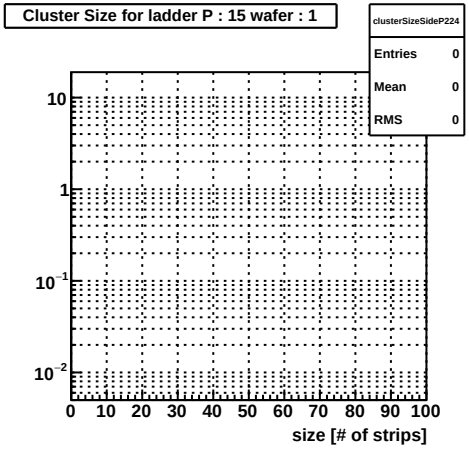

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 849
Mean 1.709
RMS 0.8259
size [# of strips]

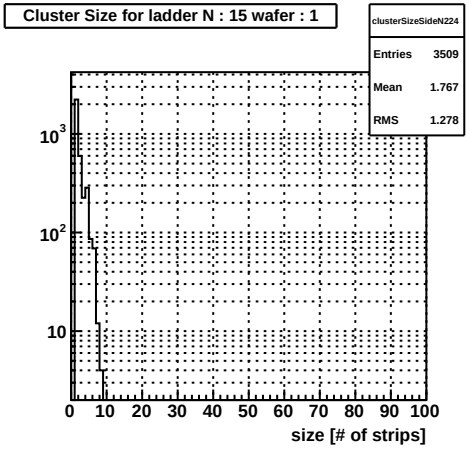

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 325
Mean 1.015
RMS 0.146
size [# of strips]

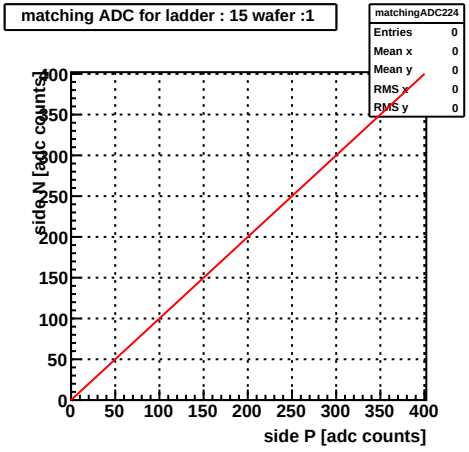

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1
Mean x 23
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

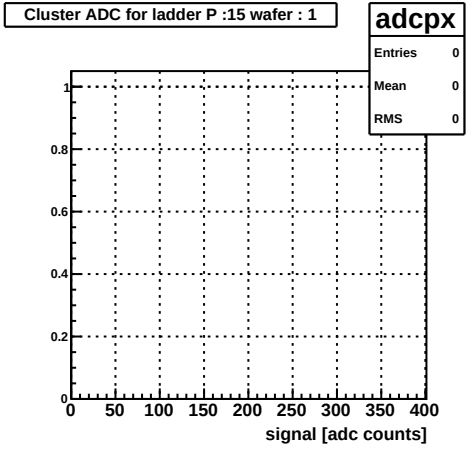

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 849
Mean 42.5
RMS 22.85
signal [adc counts]

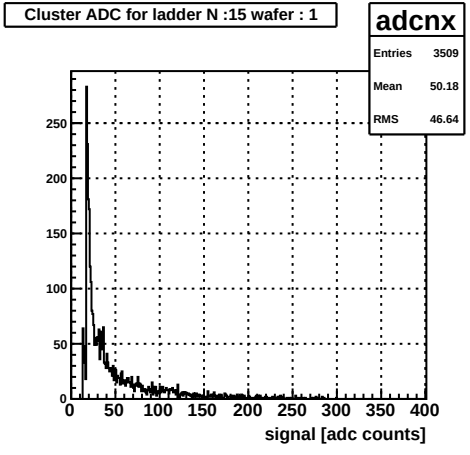

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 325
Mean 17.25
RMS 4.401
signal [adc counts]

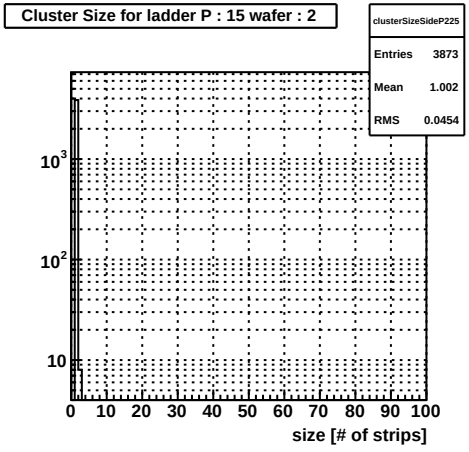

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

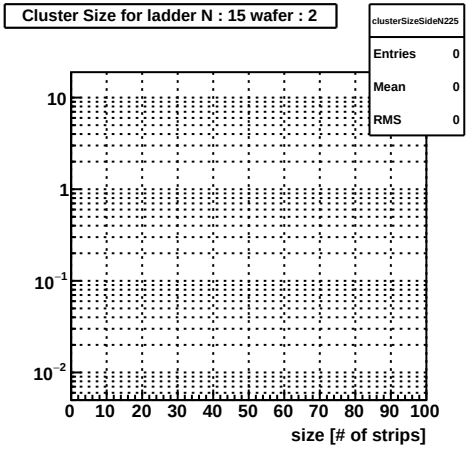

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3509
Mean 1.767
RMS 1.278
size [# of strips]

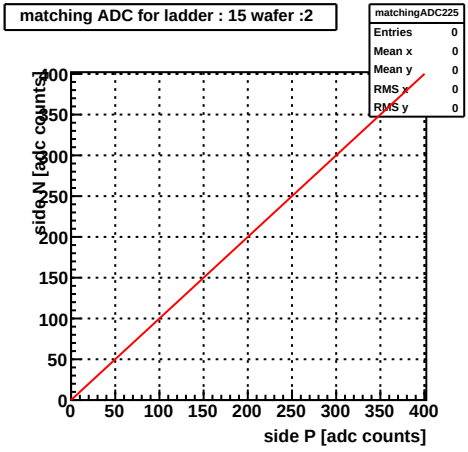

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

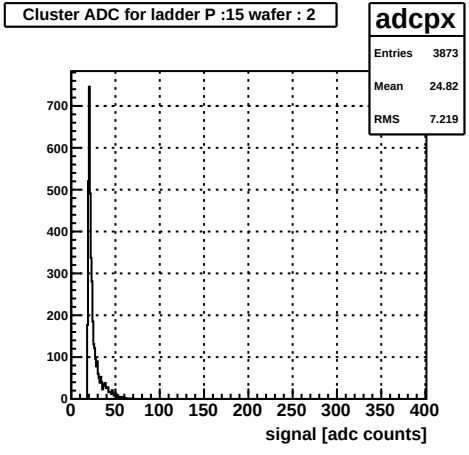

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

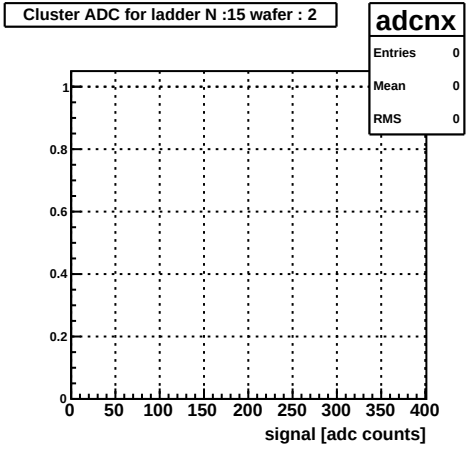

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3509
Mean 50.18
RMS 46.64
signal [adc counts]

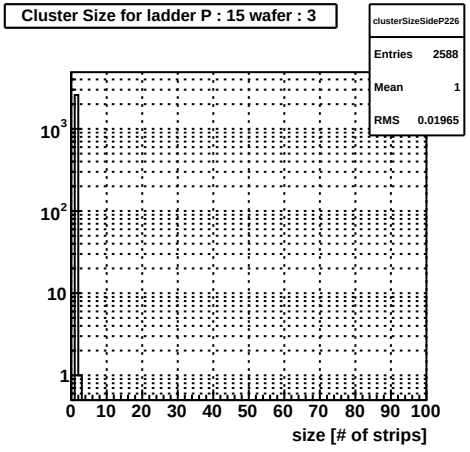

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3873
Mean 1.002
RMS 0.0454
size [# of strips]

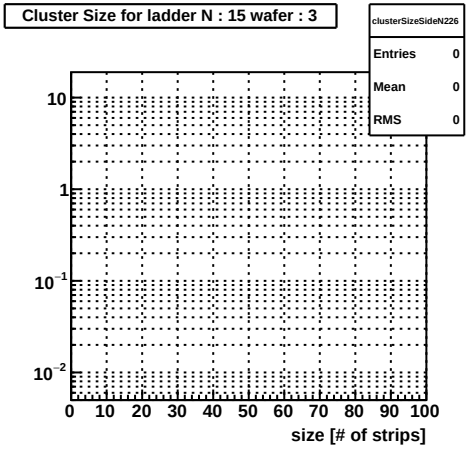

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

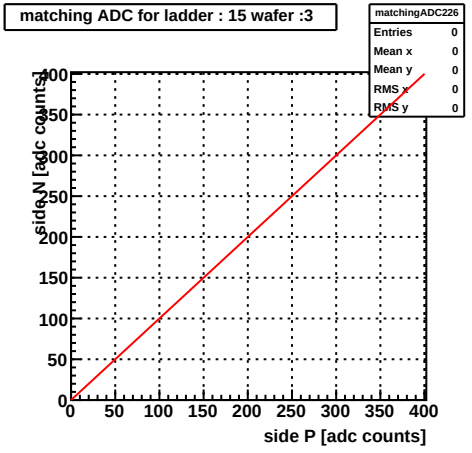

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

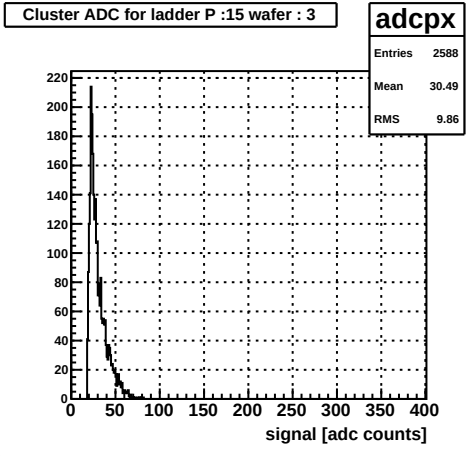

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3873
Mean 24.82
RMS 7.219
signal [adc counts]

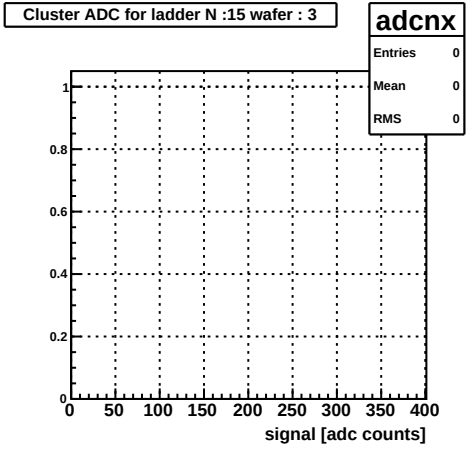

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

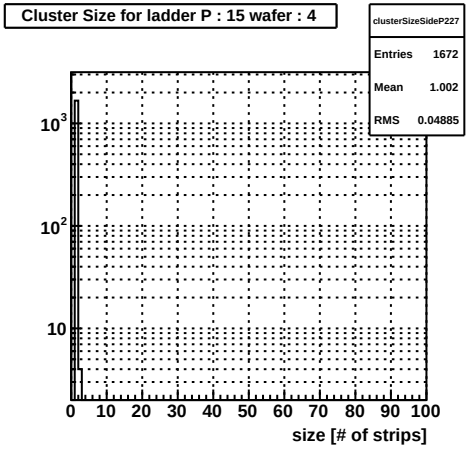

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2588
Mean 1
RMS 0.01965
size [# of strips]

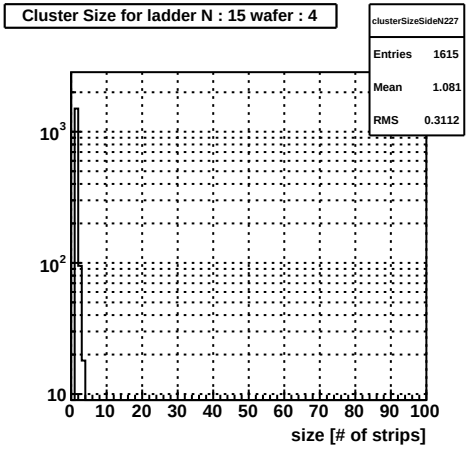

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

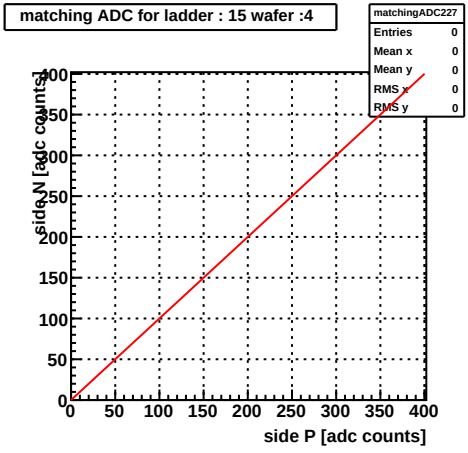

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

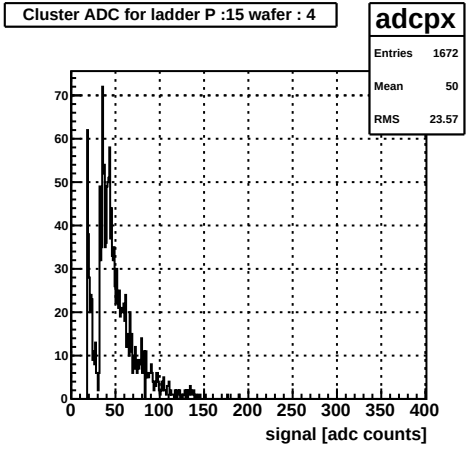

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2588
Mean 30.49
RMS 9.86
signal [adc counts]

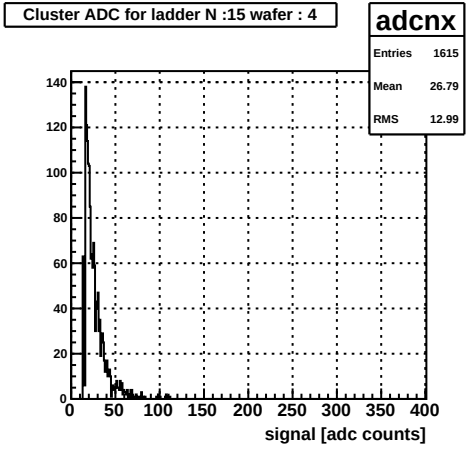

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

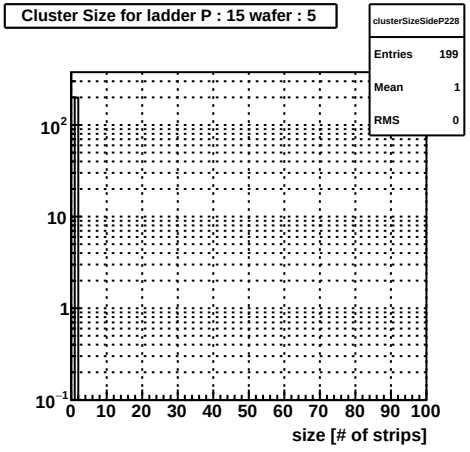

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1672
Mean 1.002
RMS 0.04885
size [# of strips]

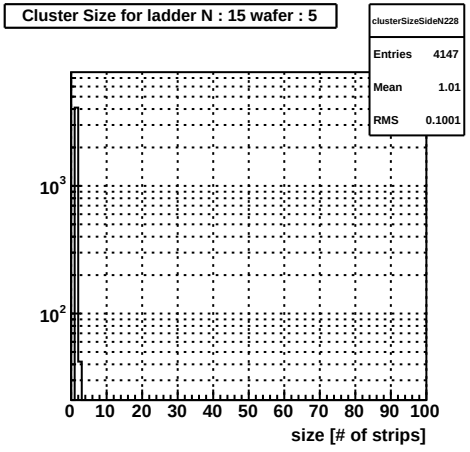

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1615
Mean 1.081
RMS 0.3112
size [# of strips]

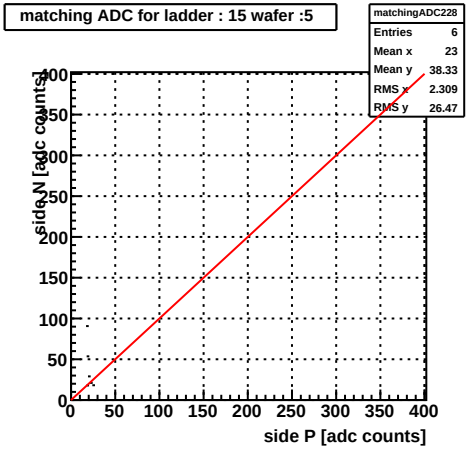

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

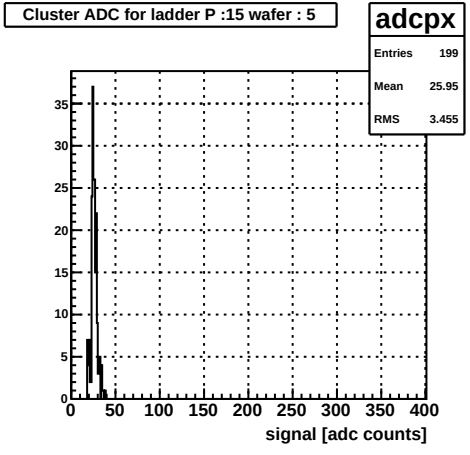

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1672
Mean 50
RMS 23.57
signal [adc counts]

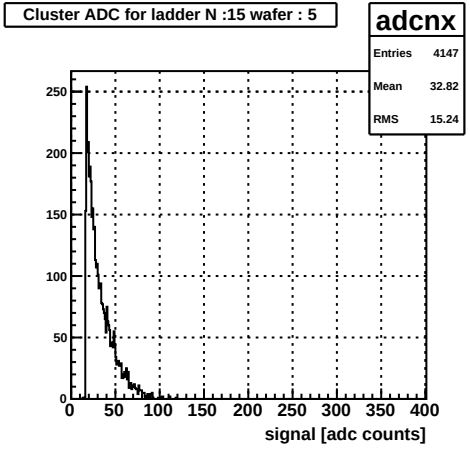

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1615
Mean 26.79
RMS 12.99
signal [adc counts]

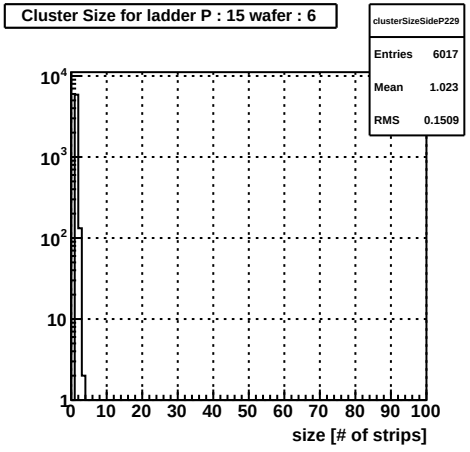

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 199
Mean 1
RMS 0
size [# of strips]

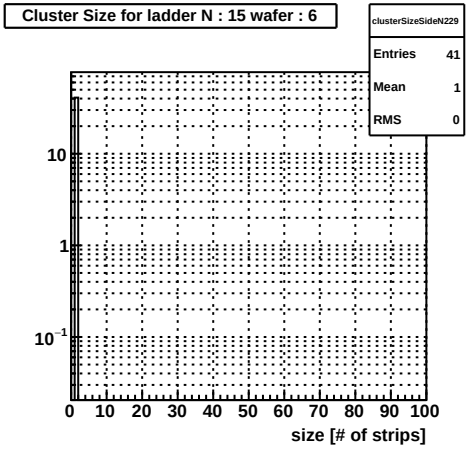

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4147
Mean 1.01
RMS 0.1001
size [# of strips]

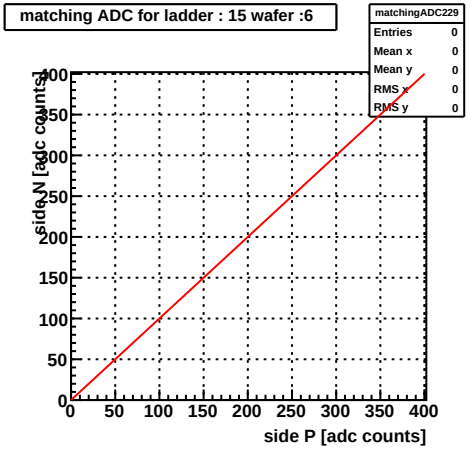

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 6
Mean x 23
Mean y 38.33
RMS x 2.309
RMS y 26.47
side N [adc counts]
side P [adc counts]

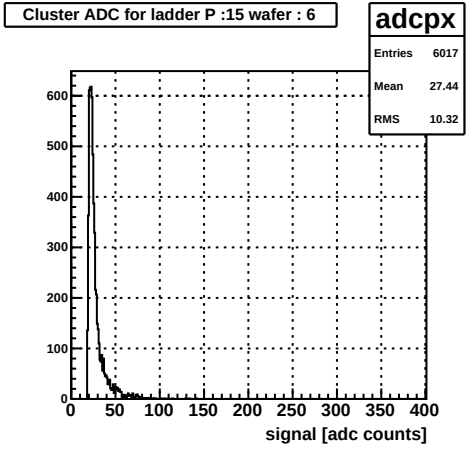

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 199
Mean 25.95
RMS 3.455
signal [adc counts]

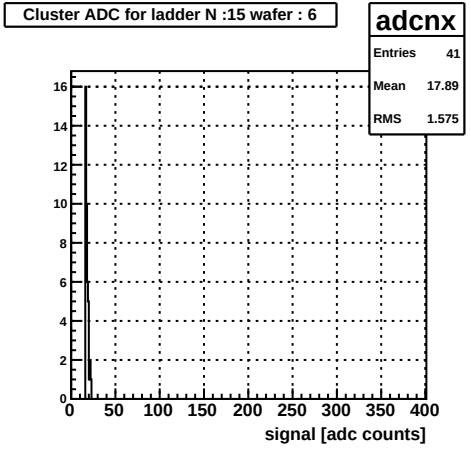

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4147
Mean 32.82
RMS 15.24
signal [adc counts]

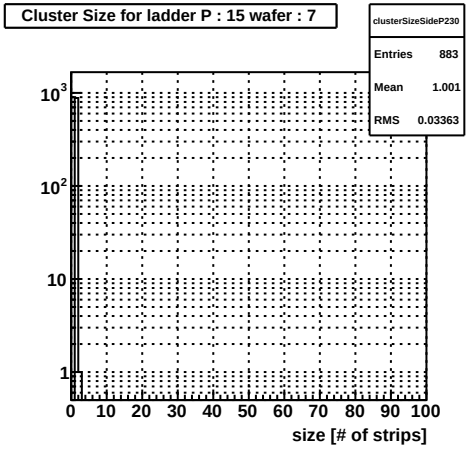

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 6017
Mean 1.023
RMS 0.1509
size [# of strips]

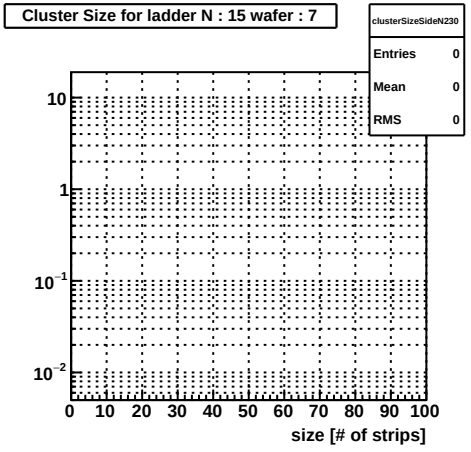

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 41
Mean 1
RMS 0
size [# of strips]

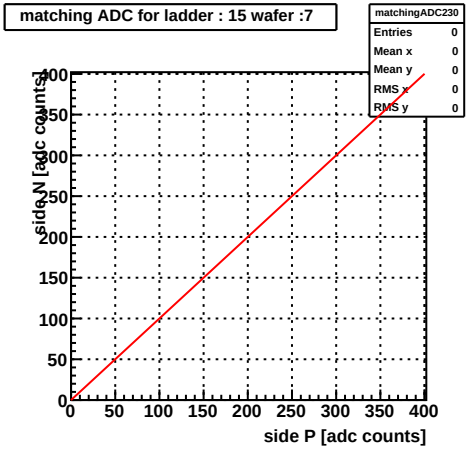

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

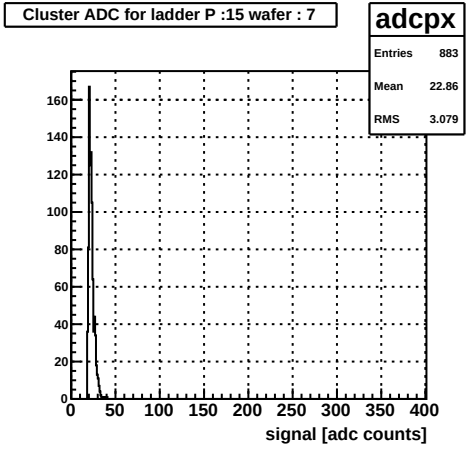

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 6017
Mean 27.44
RMS 10.32
signal [adc counts]

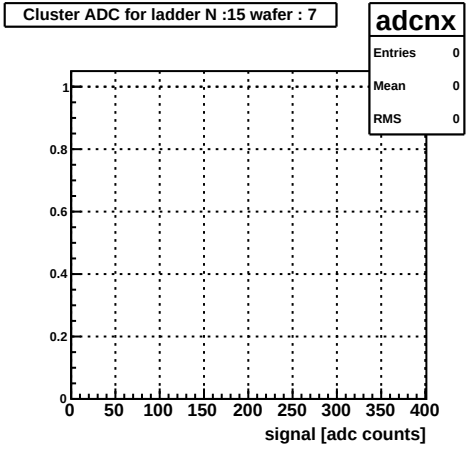

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 41
Mean 17.89
RMS 1.575
signal [adc counts]

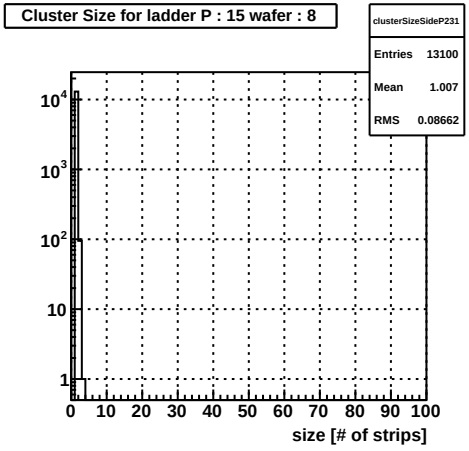

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 883
Mean 1.001
RMS 0.03363
size [# of strips]

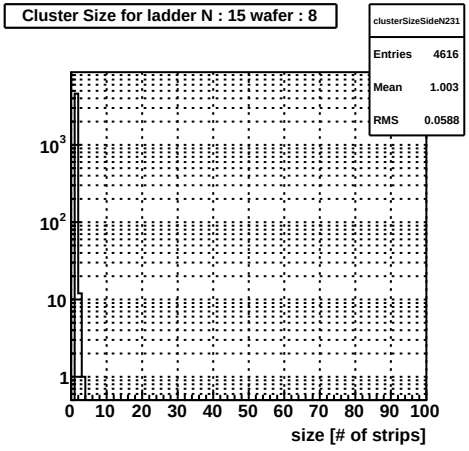

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

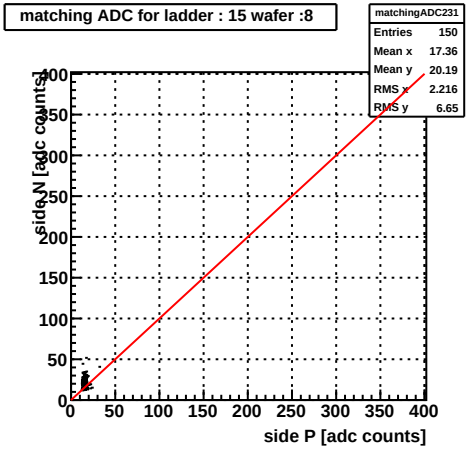

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

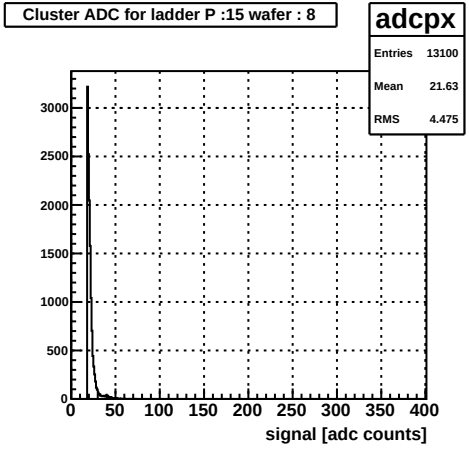

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 883
Mean 22.86
RMS 3.079
signal [adc counts]

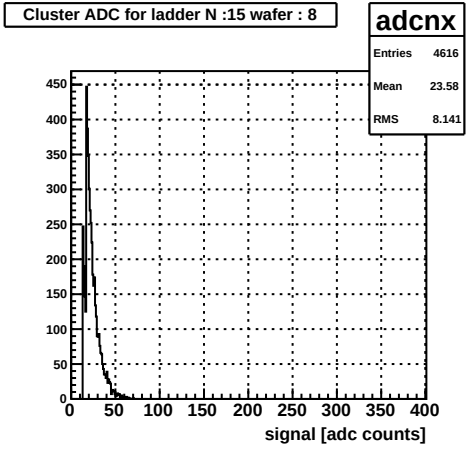

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

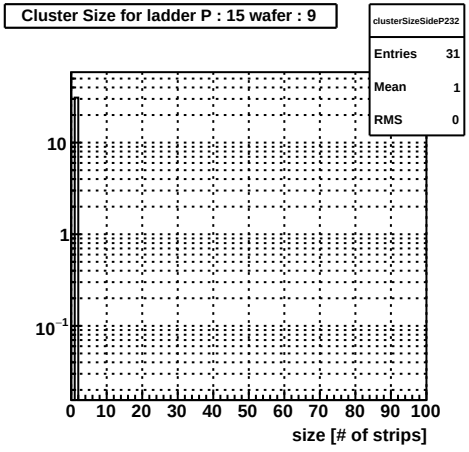

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 13100
Mean 1.007
RMS 0.08662
size [# of strips]

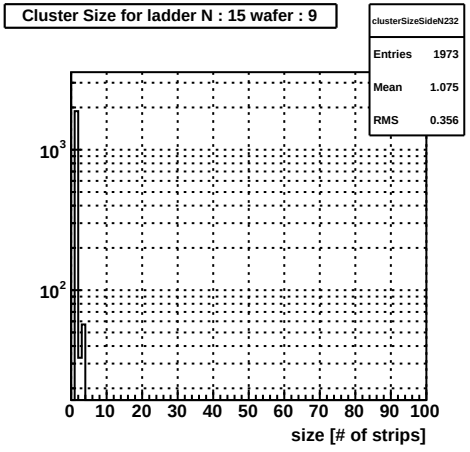

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4616
Mean 1.003
RMS 0.0588
size [# of strips]

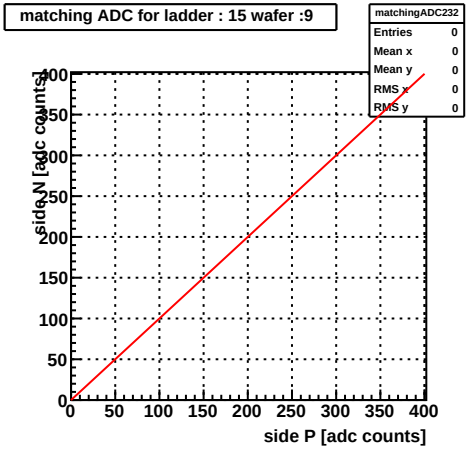

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 150
Mean x 17.36
Mean y 20.19
RMS x 2.216
RMS y 6.65
side N [adc counts]
side P [adc counts]

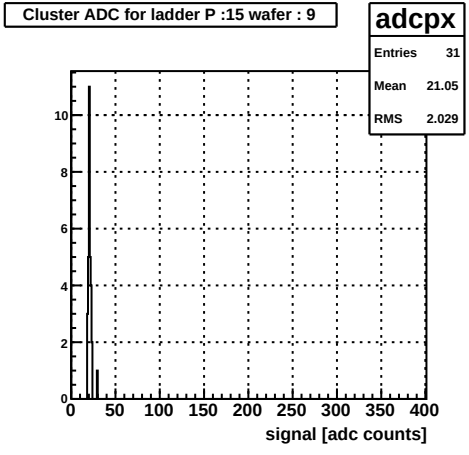

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 13100
Mean 21.63
RMS 4.475
signal [adc counts]

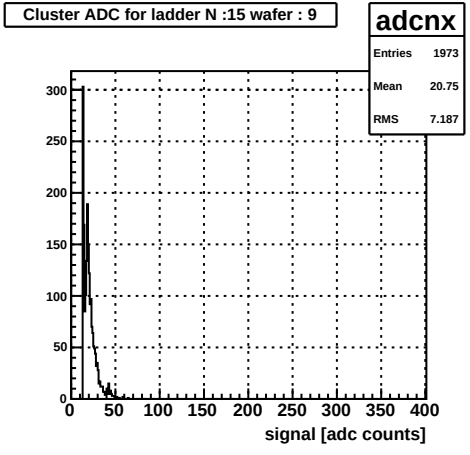

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4616
Mean 23.58
RMS 8.141
signal [adc counts]

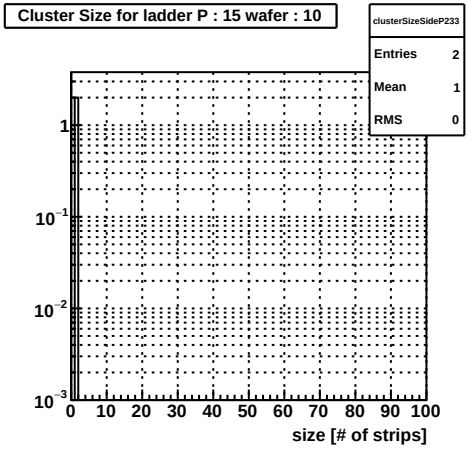

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 31
Mean 1
RMS 0
size [# of strips]

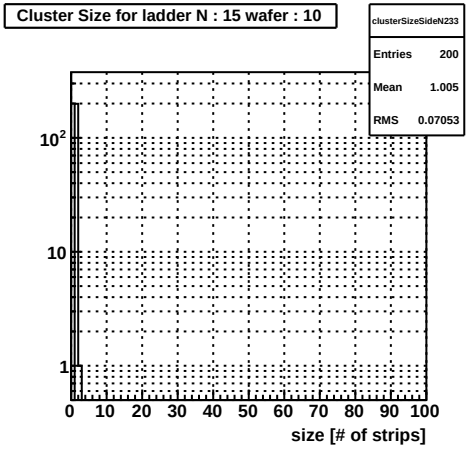

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1973
Mean 1.075
RMS 0.356
size [# of strips]

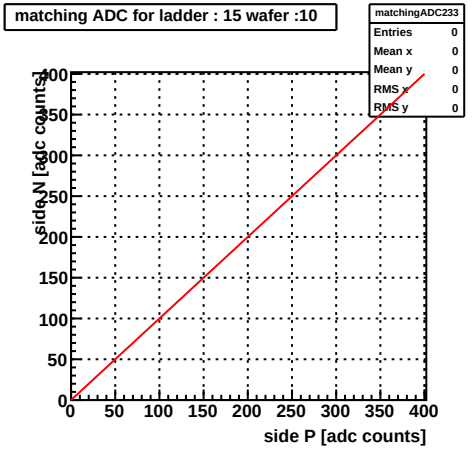

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

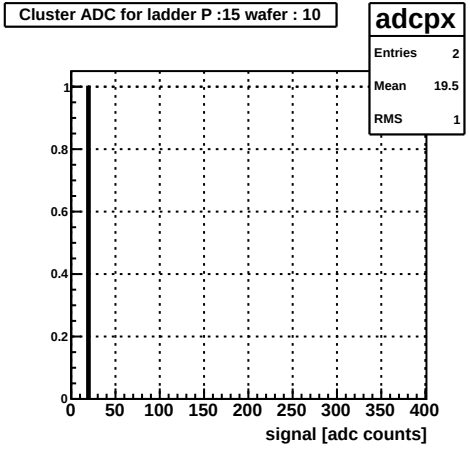

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 31
Mean 21.05
RMS 2.029
signal [adc counts]

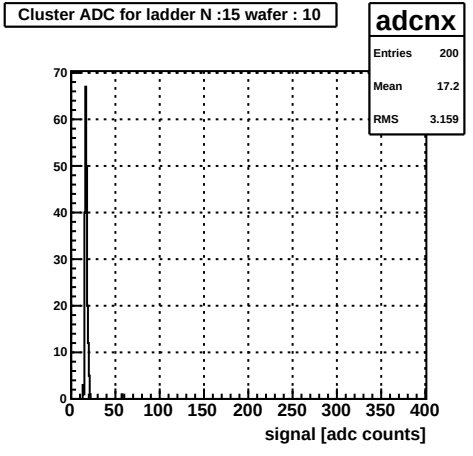

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1973
Mean 20.75
RMS 7.187
signal [adc counts]

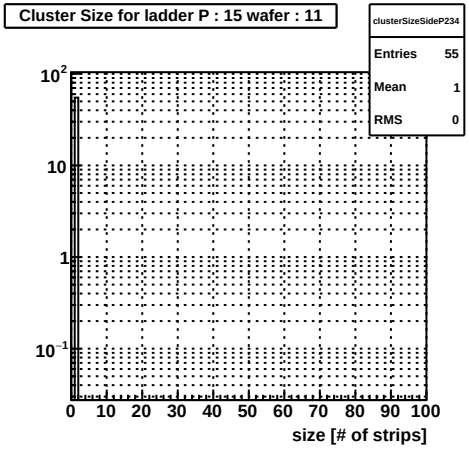

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2
Mean 1
RMS 0
size [# of strips]

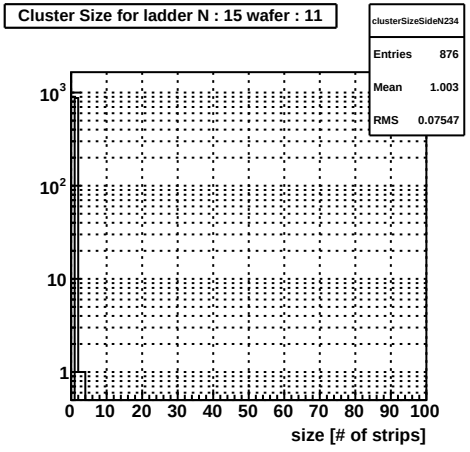

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 200
Mean 1.005
RMS 0.07053
size [# of strips]

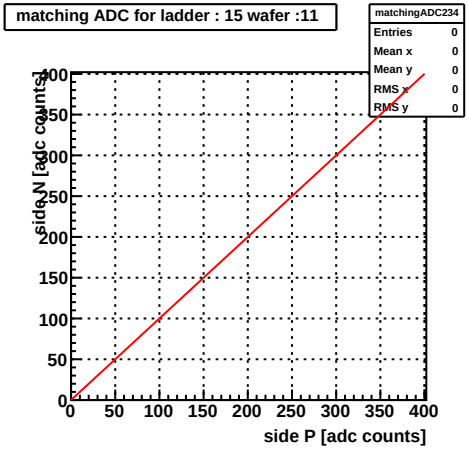

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

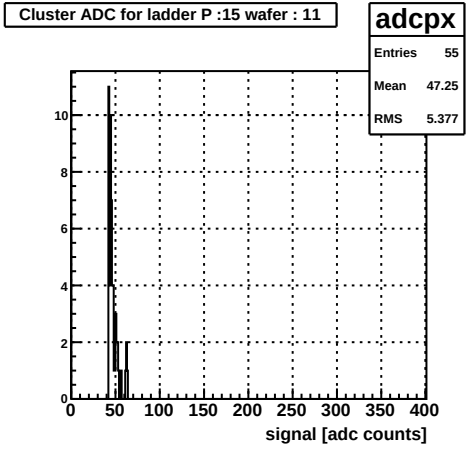

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2
Mean 19.5
RMS 1
signal [adc counts]

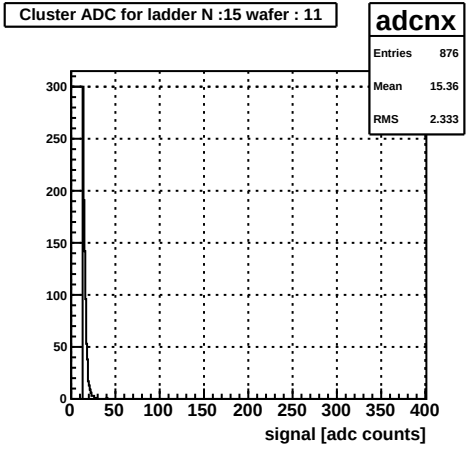

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 200
Mean 17.2
RMS 3.159
signal [adc counts]

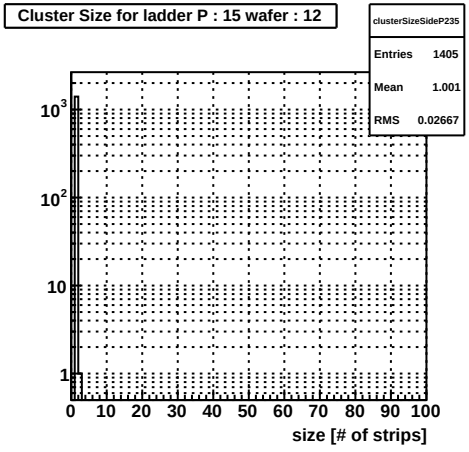

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 55
Mean 1
RMS 0
size [# of strips]

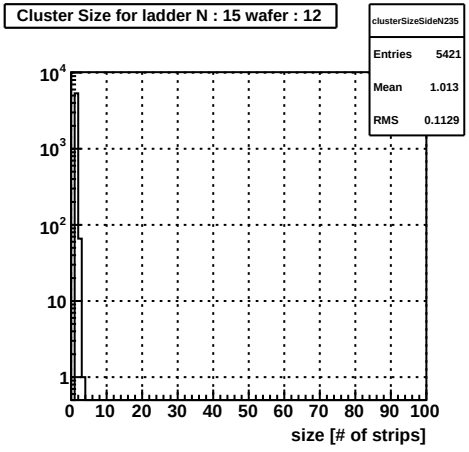

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 876
Mean 1.003
RMS 0.07547
size [# of strips]

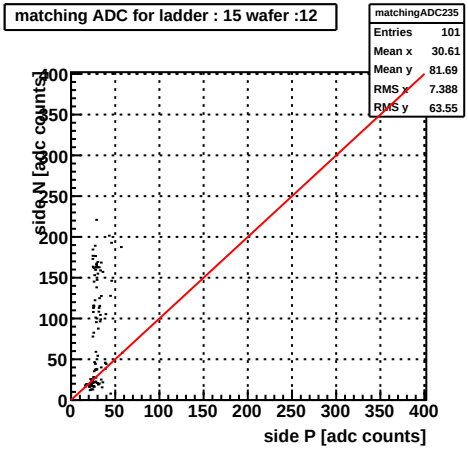

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

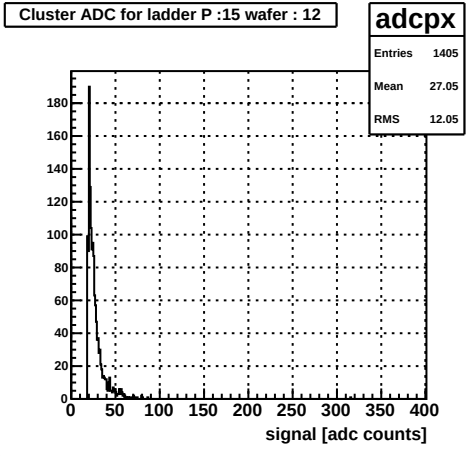

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 55
Mean 47.25
RMS 5.377
signal [adc counts]

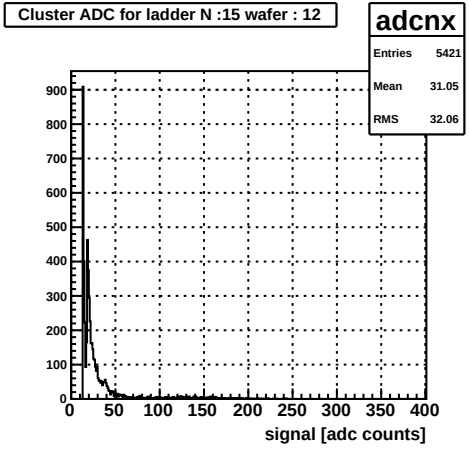

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 876
Mean 15.36
RMS 2.333
signal [adc counts]

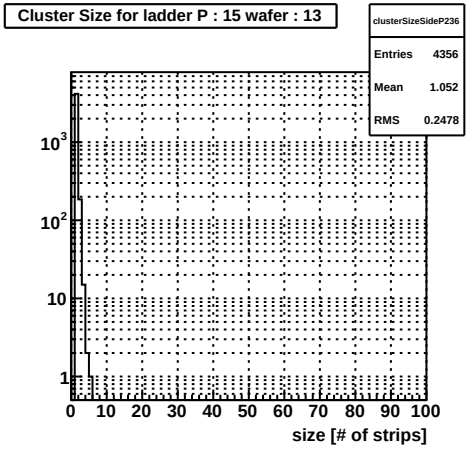

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1405
Mean 1.001
RMS 0.02667
size [# of strips]

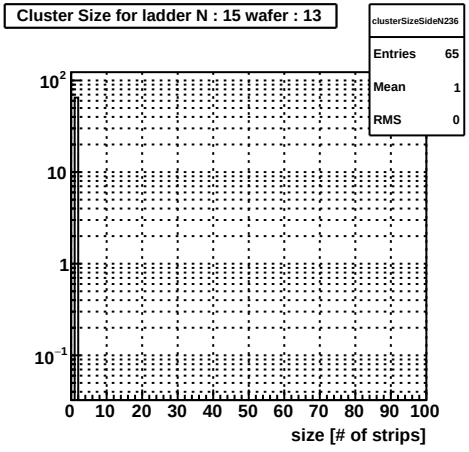

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5421
Mean 1.013
RMS 0.1129
size [# of strips]

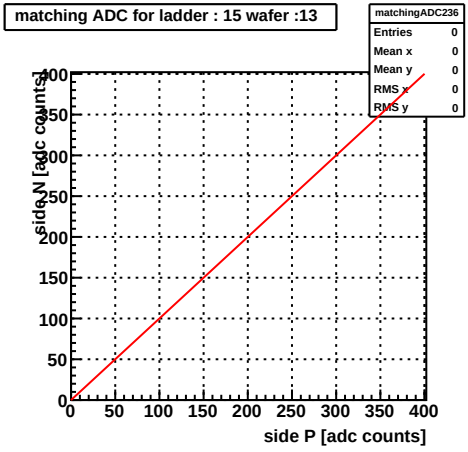

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 101
Mean x 30.61
Mean y 81.69
RMS x 7.388
RMS y 63.55
side N [adc counts]
side P [adc counts]

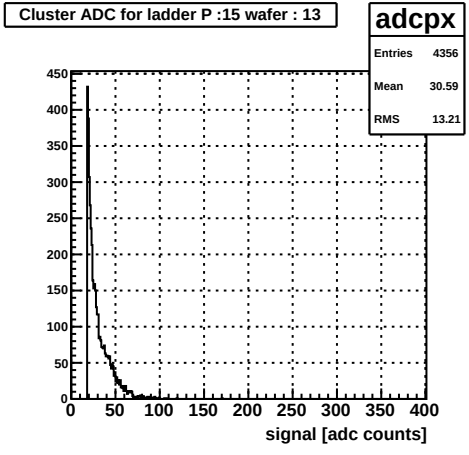

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1405
Mean 27.05
RMS 12.05
signal [adc counts]

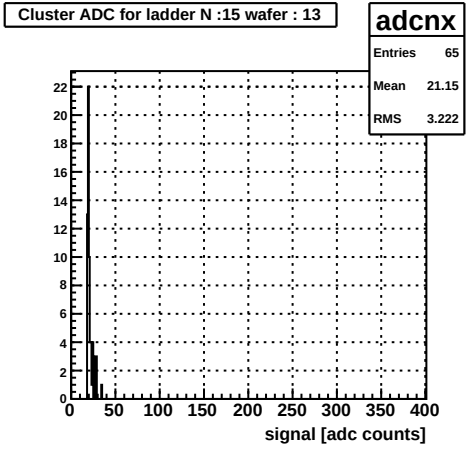

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5421
Mean 31.05
RMS 32.06
signal [adc counts]

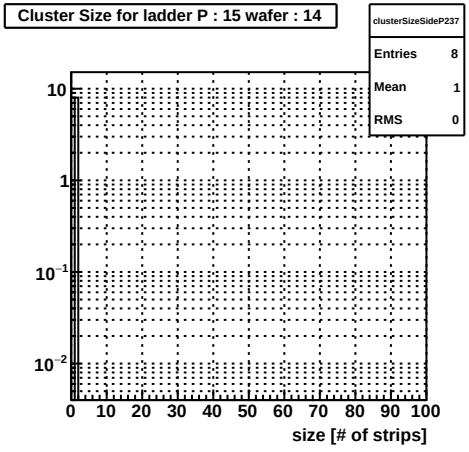

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4356
Mean 1.052
RMS 0.2478
size [# of strips]

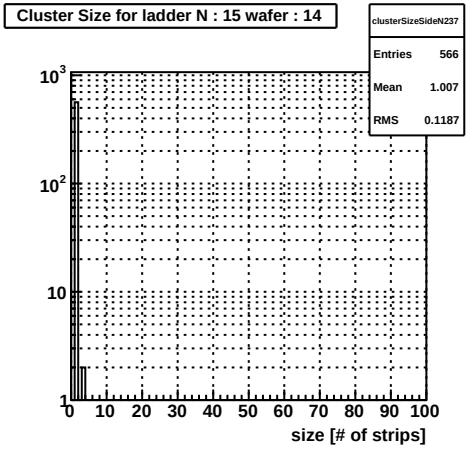

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 65
Mean 1
RMS 0
size [# of strips]

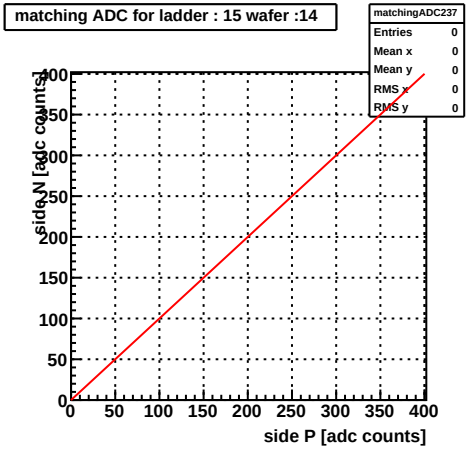

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

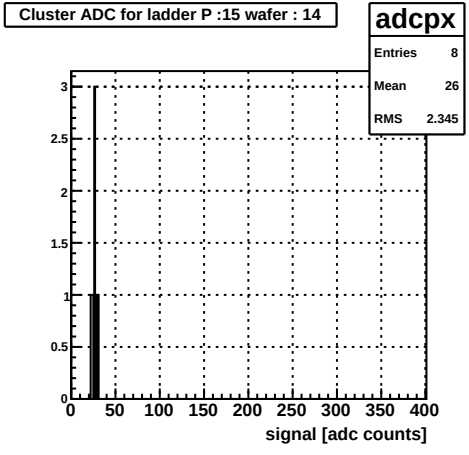

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4356
Mean 30.59
RMS 13.21
signal [adc counts]

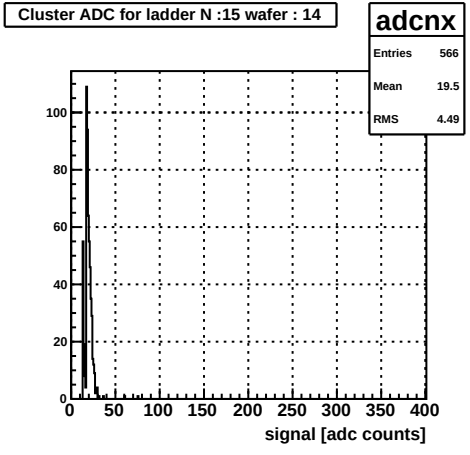

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 65
Mean 21.15
RMS 3.222
signal [adc counts]

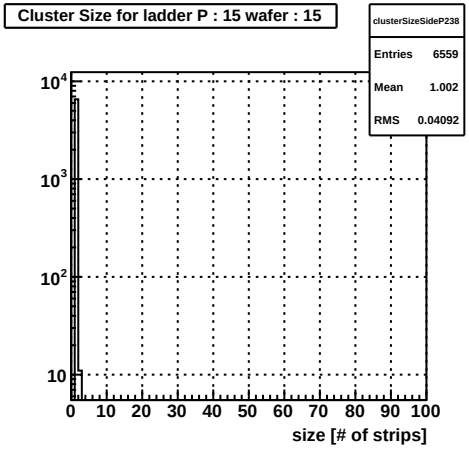

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 8
Mean 1
RMS 0
size [# of strips]

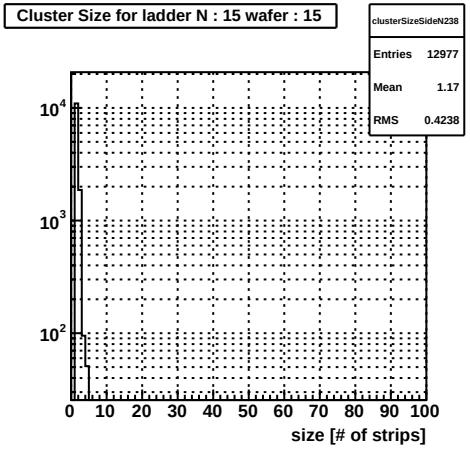

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 566
Mean 1.007
RMS 0.1187
size [# of strips]

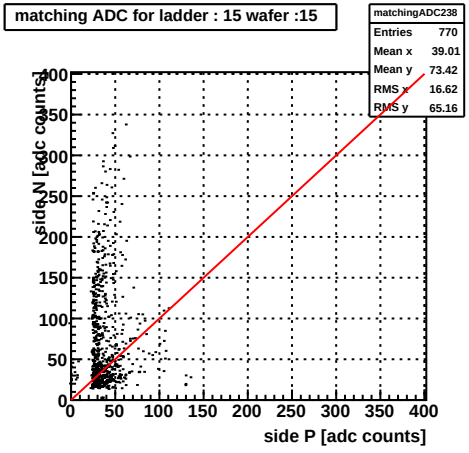

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

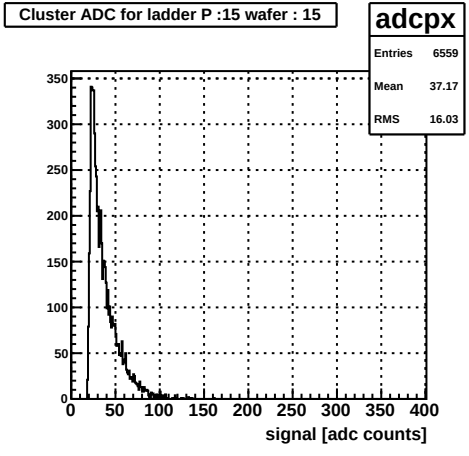

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 8
Mean 26
RMS 2.345
signal [adc counts]

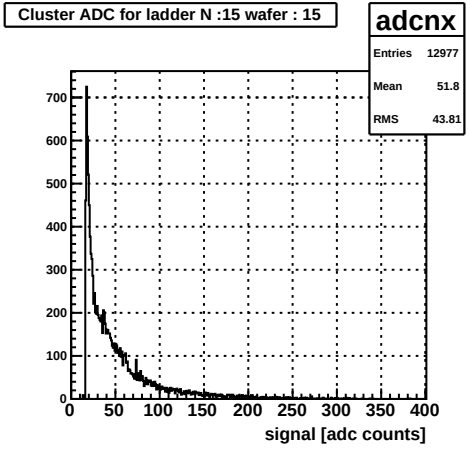

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 566
Mean 19.5
RMS 4.49
signal [adc counts]

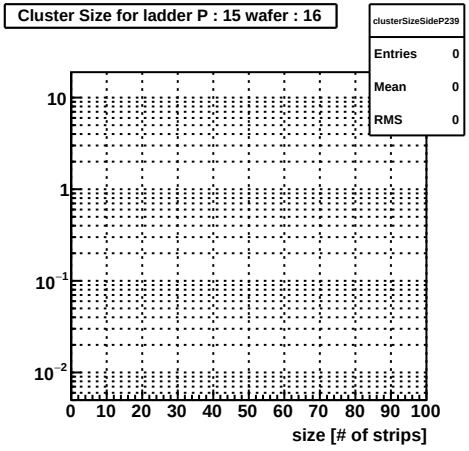

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 6559
Mean 1.002
RMS 0.04092
size [# of strips]

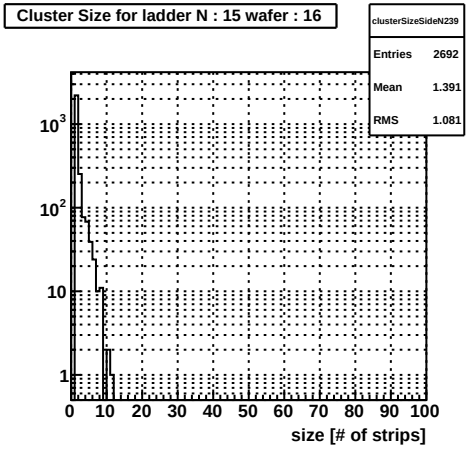

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 12977
Mean 1.17
RMS 0.4238
size [# of strips]

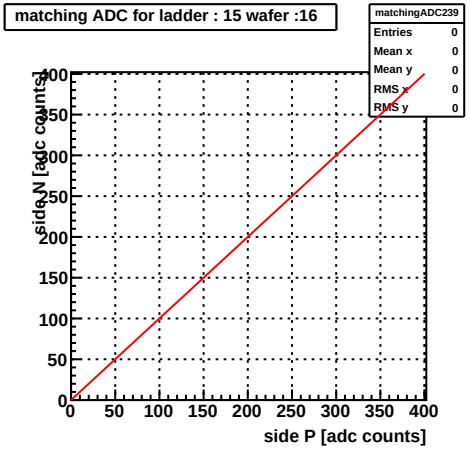

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 770
Mean x 39.01
Mean y 73.42
RMS x 16.62
RMS y 65.16
side N [adc counts]
side P [adc counts]

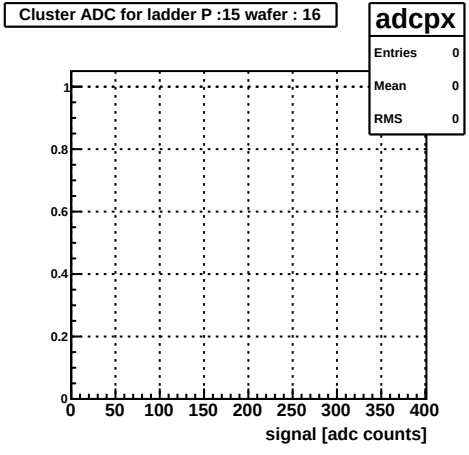

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 6559
Mean 37.17
RMS 16.03
signal [adc counts]

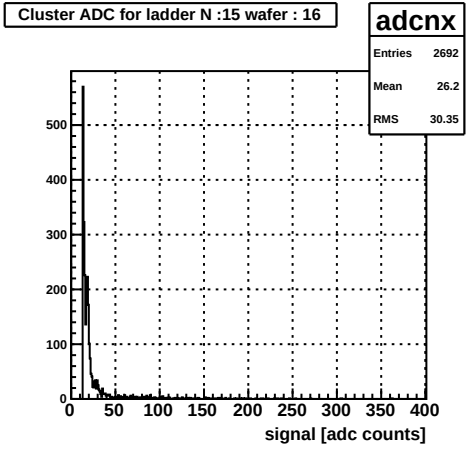

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 12977
Mean 51.8
RMS 43.81
signal [adc counts]

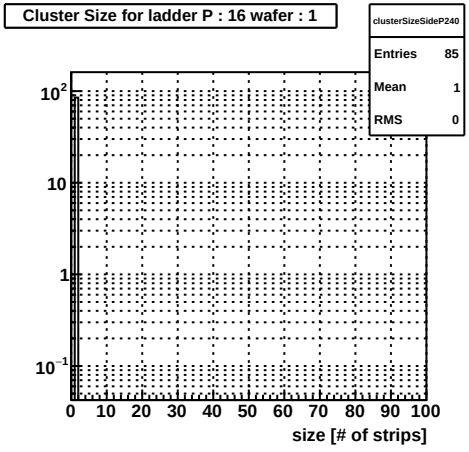

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

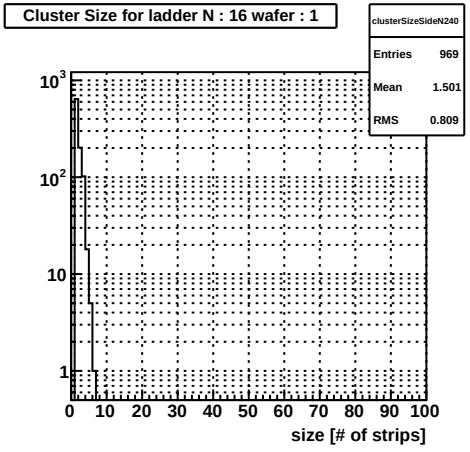

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2692
Mean 1.391
RMS 1.081
size [# of strips]

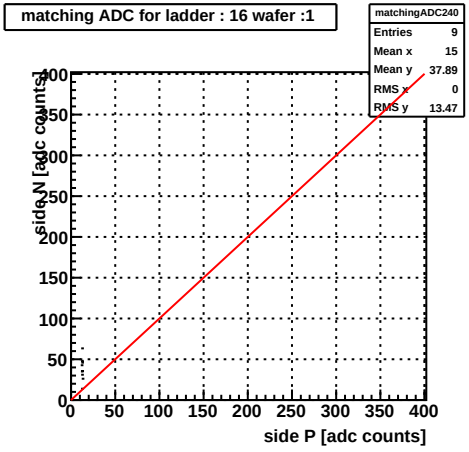

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

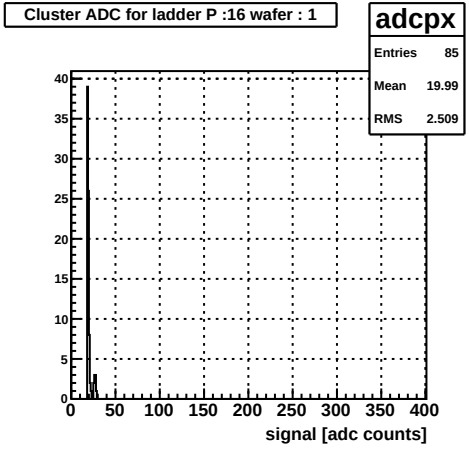

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

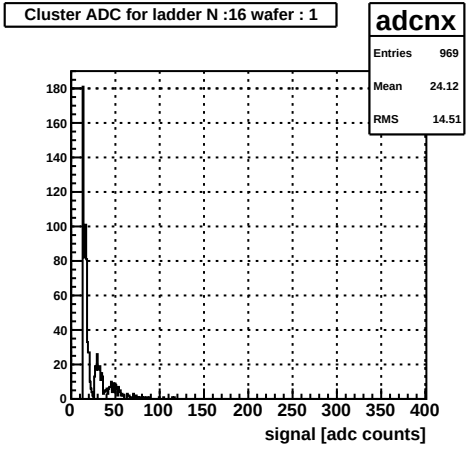

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2692
Mean 26.2
RMS 30.35
signal [adc counts]

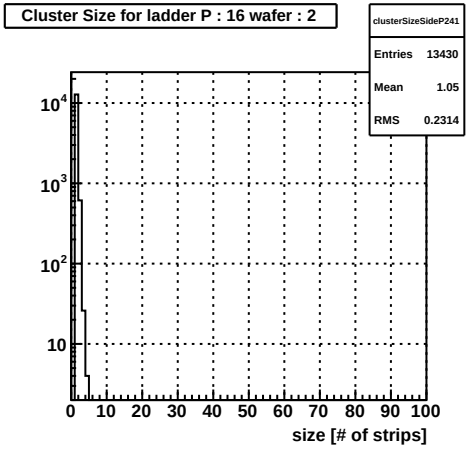

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 85
Mean 1
RMS 0
size [# of strips]

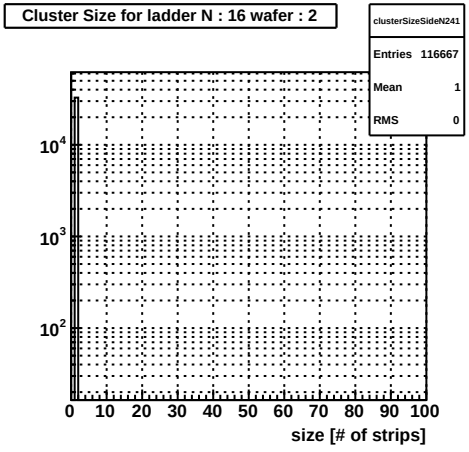

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 969
Mean 1.501
RMS 0.809
size [# of strips]

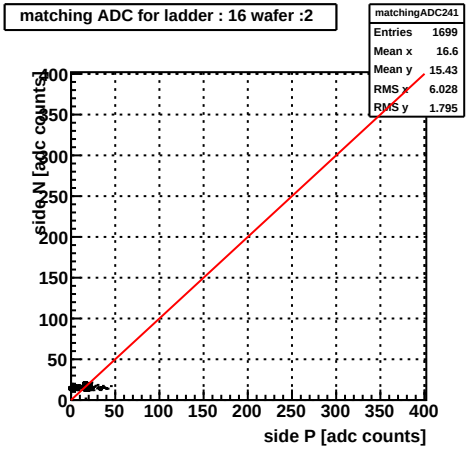

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9
Mean x 15
Mean y 37.89
RMS x 0
RMS y 13.47
side N [adc counts]
side P [adc counts]

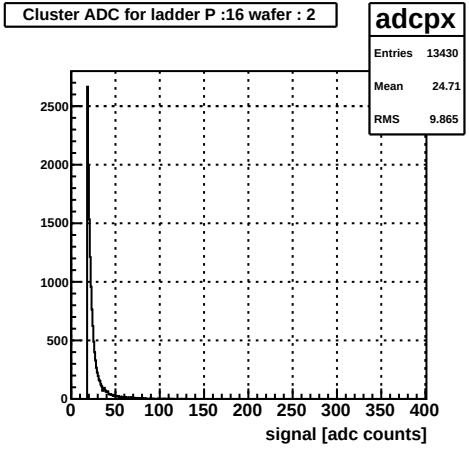

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 85
Mean 19.99
RMS 2.509
signal [adc counts]

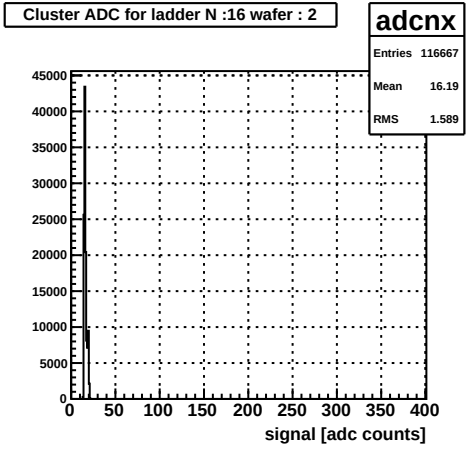

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 969
Mean 24.12
RMS 14.51
signal [adc counts]

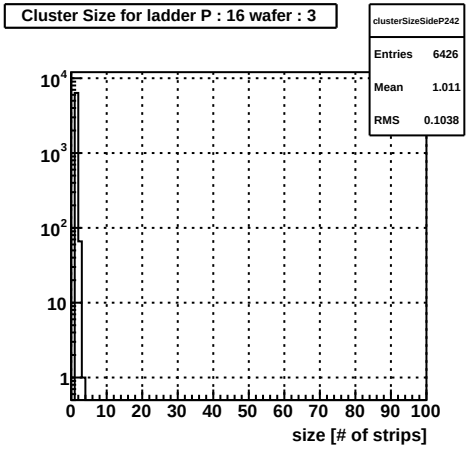

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13430
Mean 1.05
RMS 0.2314
size [# of strips]

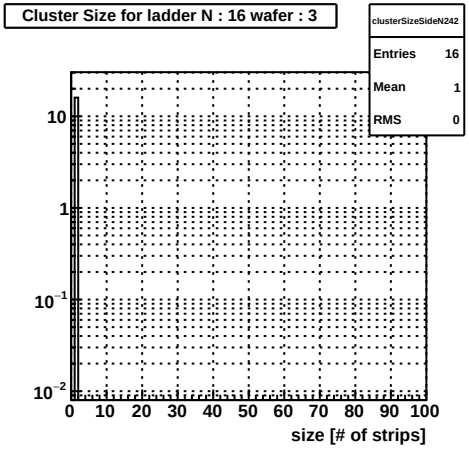

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 116667
Mean 1
RMS 0
size [# of strips]

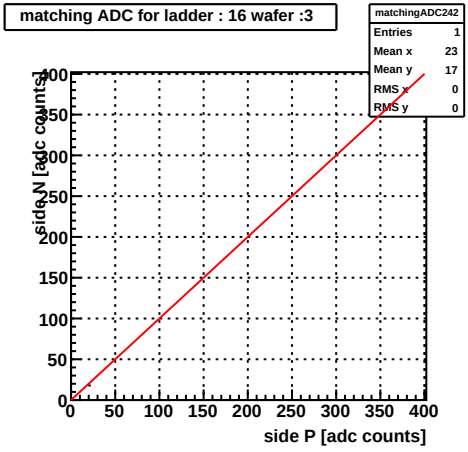

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1699
Mean x 16.6
Mean y 15.43
RMS x 6.028
RMS y 1.795
side N [adc counts]
side P [adc counts]

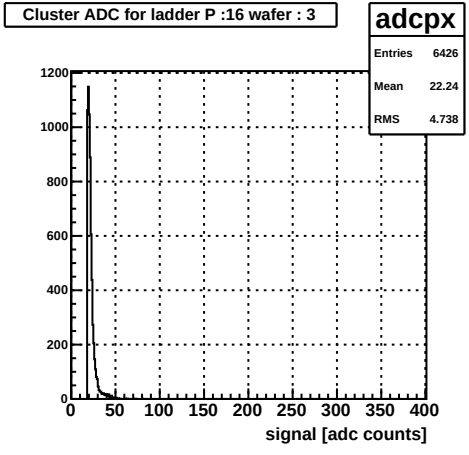

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13430
Mean 24.71
RMS 9.865
signal [adc counts]

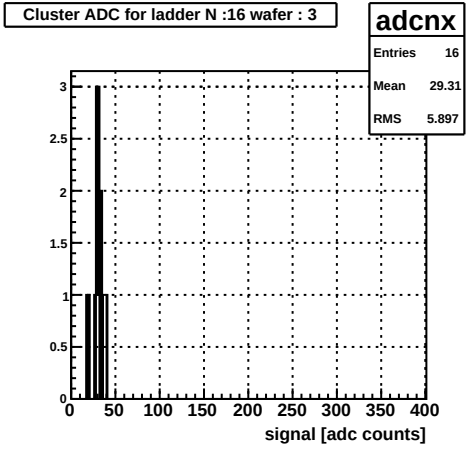

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 116667
Mean 16.19
RMS 1.589
signal [adc counts]

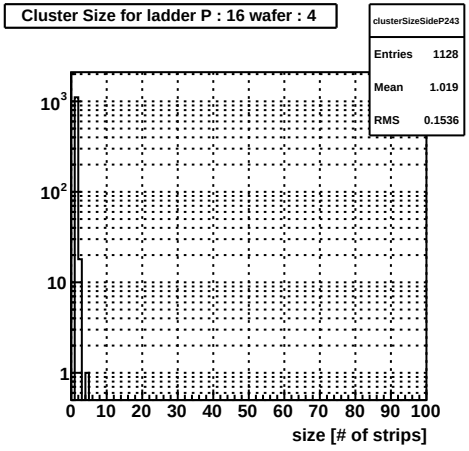

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6426
Mean 1.011
RMS 0.1038
size [# of strips]

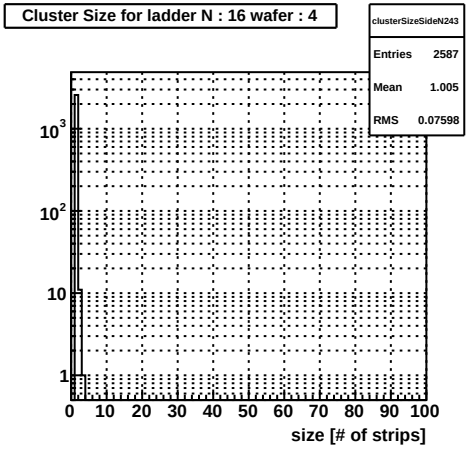

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 16
Mean 1
RMS 0
size [# of strips]

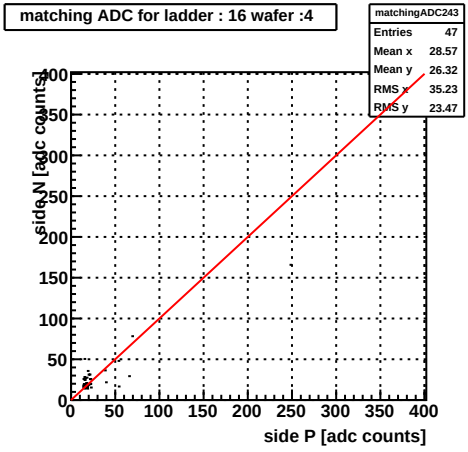

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

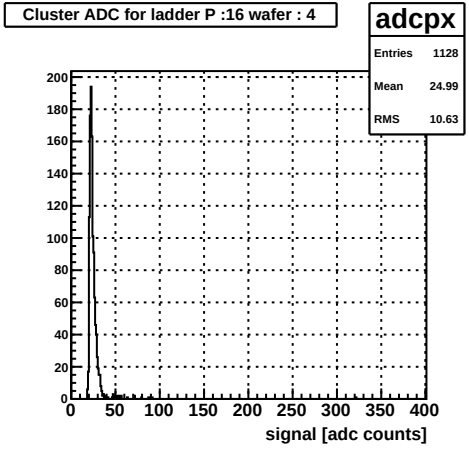

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6426
Mean 22.24
RMS 4.738
signal [adc counts]

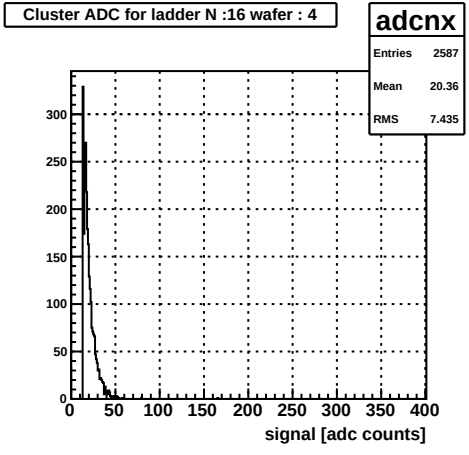

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 16
Mean 29.31
RMS 5.897
signal [adc counts]

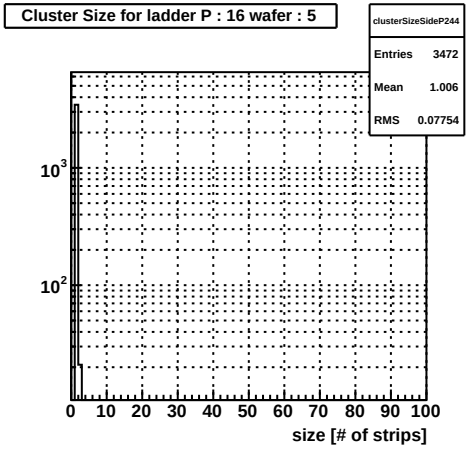

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1128
Mean 1.019
RMS 0.1536
size [# of strips]

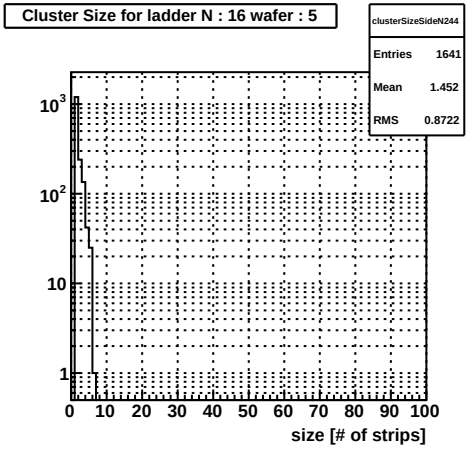

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2587
Mean 1.005
RMS 0.07598
size [# of strips]

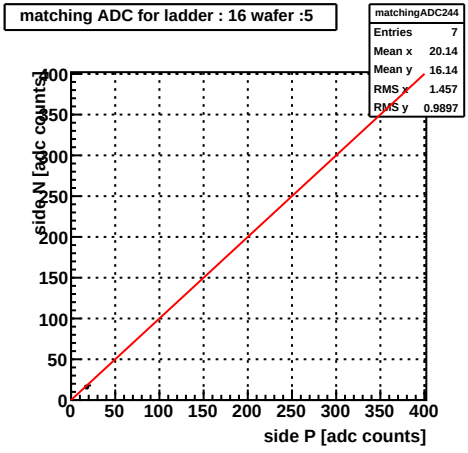

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 47
Mean x 28.57
Mean y 26.32
RMS x 35.23
RMS y 23.47
side N [adc counts]
side P [adc counts]

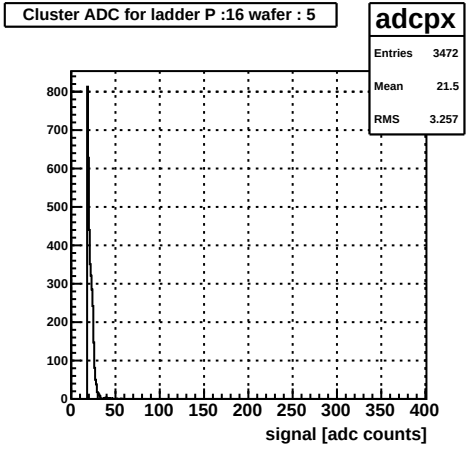

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1128
Mean 24.99
RMS 10.63
signal [adc counts]

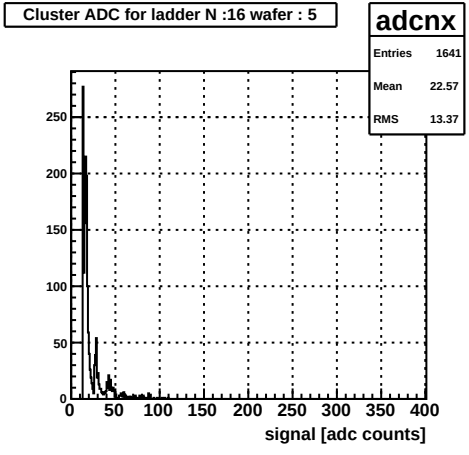

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2587
Mean 20.36
RMS 7.435
signal [adc counts]

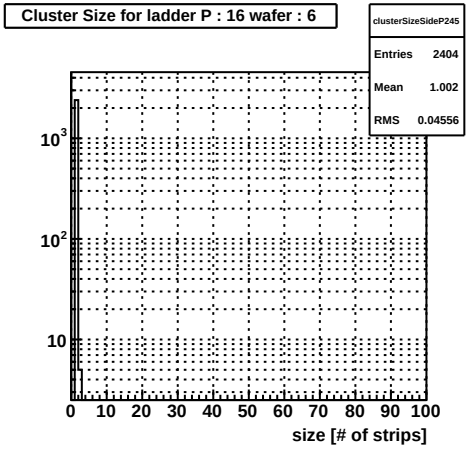

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 3472
Mean 1.006
RMS 0.07754
size [# of strips]

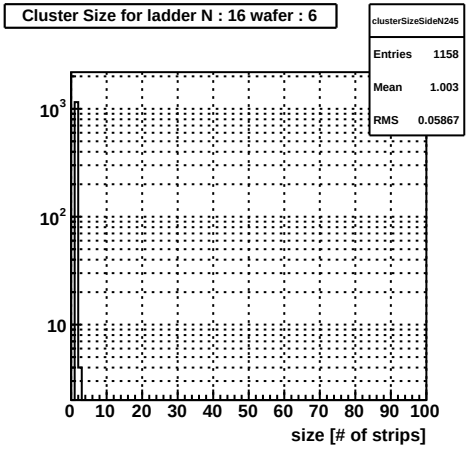

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1641
Mean 1.452
RMS 0.8722
size [# of strips]

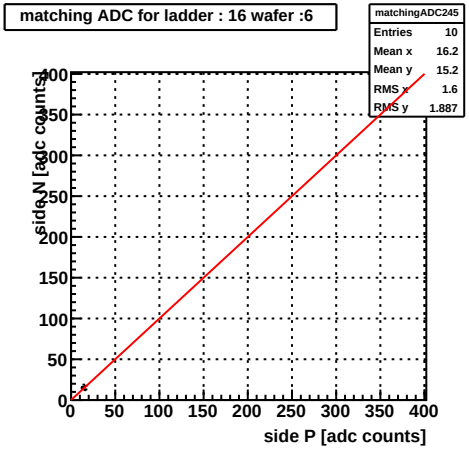

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7
Mean x 20.14
Mean y 16.14
RMS x 1.457
RMS y 0.9897
side N [adc counts]
side P [adc counts]

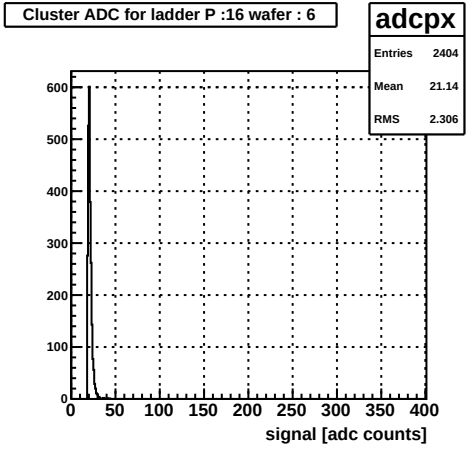

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 3472
Mean 21.5
RMS 3.257
signal [adc counts]

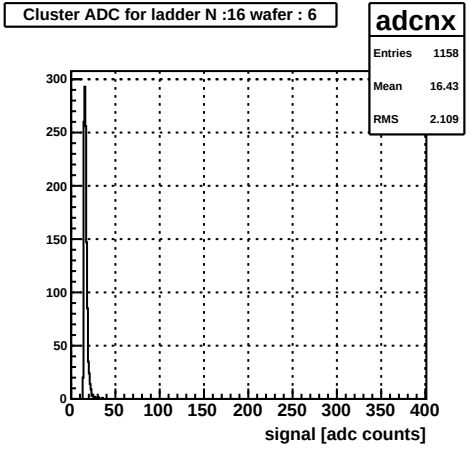

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1641
Mean 22.57
RMS 13.37
signal [adc counts]

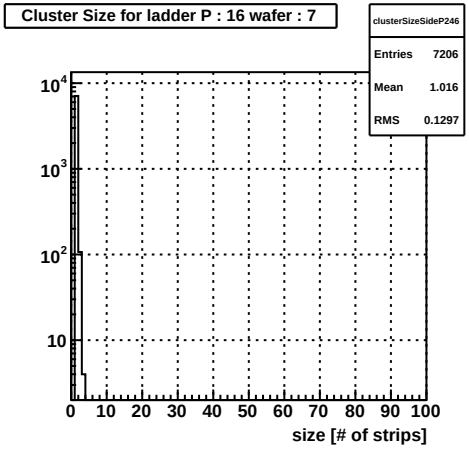

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 2404
Mean 1.002
RMS 0.04556
size [# of strips]

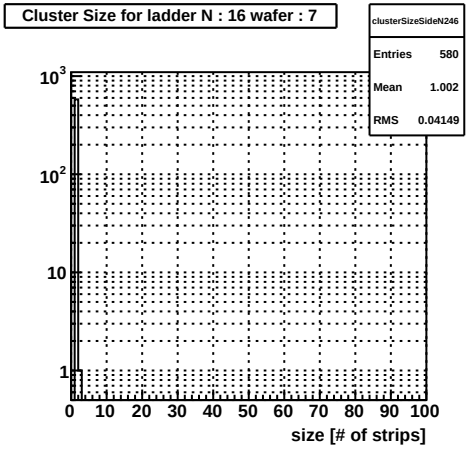

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1158
Mean 1.003
RMS 0.05867
size [# of strips]

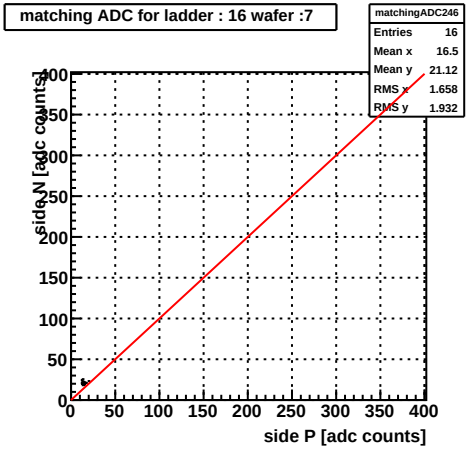

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 10
Mean x 16.2
Mean y 15.2
RMS x 1.6
RMS y 1.887
side N [adc counts]
side P [adc counts]

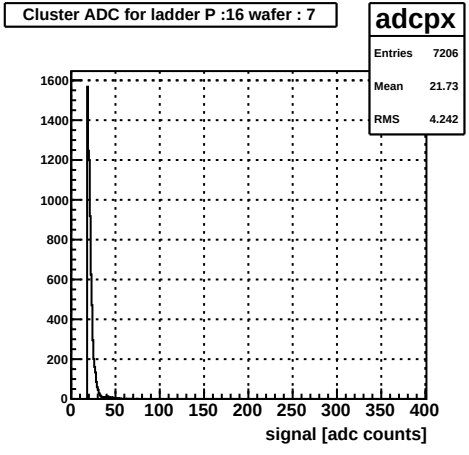

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 2404
Mean 21.14
RMS 2.306
signal [adc counts]

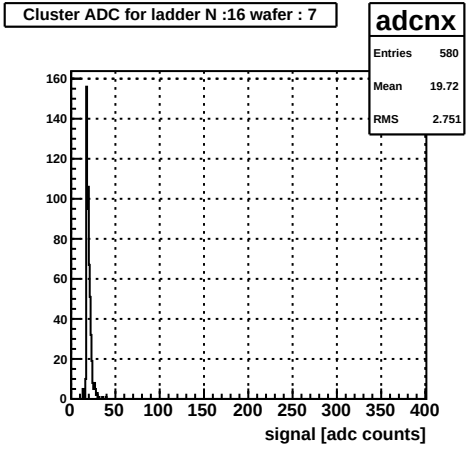

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1158
Mean 16.43
RMS 2.109
signal [adc counts]

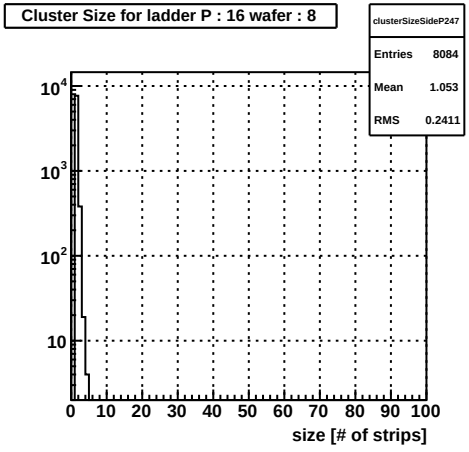

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 7206
Mean 1.016
RMS 0.1297
size [# of strips]

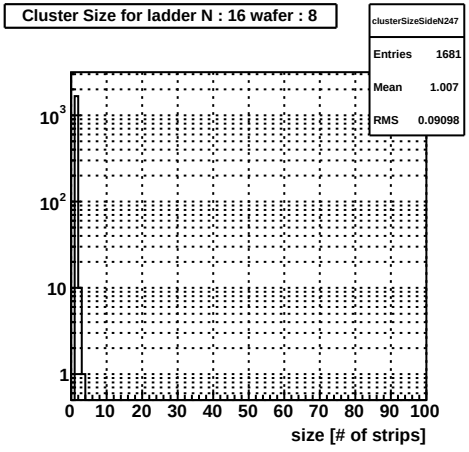

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 580
Mean 1.002
RMS 0.04149
size [# of strips]

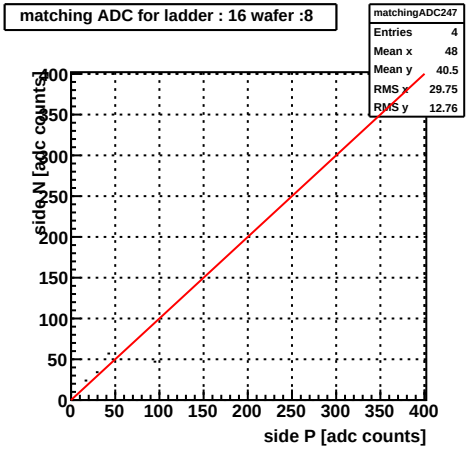

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 16
Mean x 16.5
Mean y 21.12
RMS x 1.658
RMS y 1.932
side N [adc counts]
side P [adc counts]

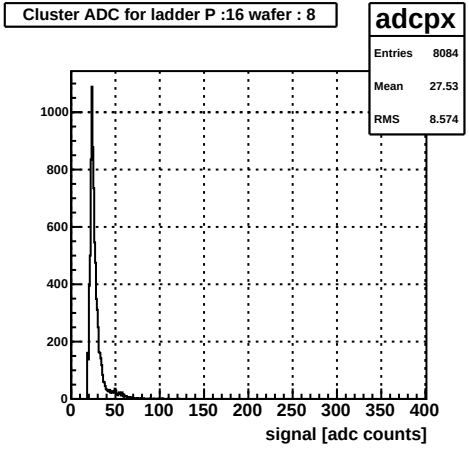

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 7206
Mean 21.73
RMS 4.242
signal [adc counts]

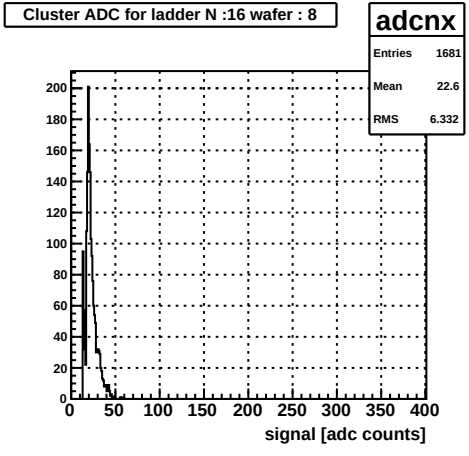

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 580
Mean 19.72
RMS 2.751
signal [adc counts]

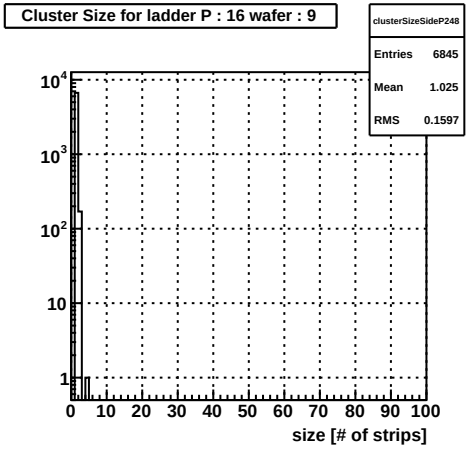

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8084
Mean 1.053
RMS 0.2411
size [# of strips]

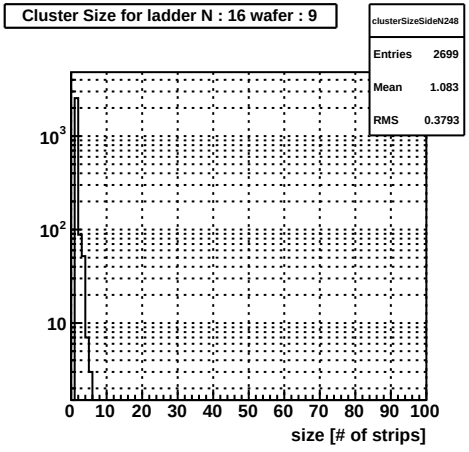

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1681
Mean 1.007
RMS 0.09098
size [# of strips]

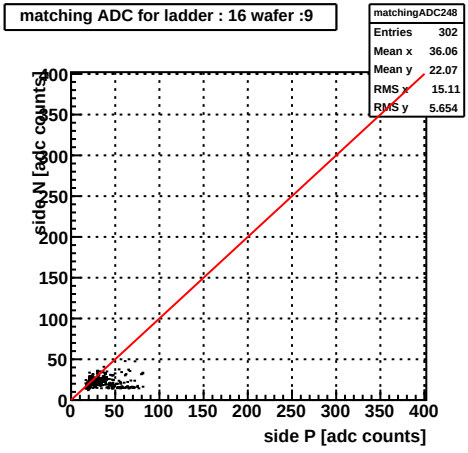

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 4
Mean x 48
Mean y 40.5
RMS x 29.75
RMS y 12.76
side N [adc counts]
side P [adc counts]

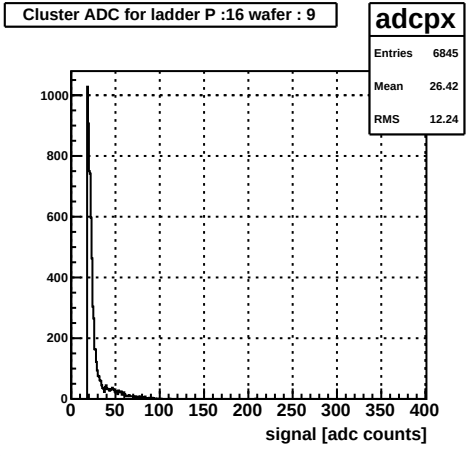

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8084
Mean 27.53
RMS 8.574
signal [adc counts]

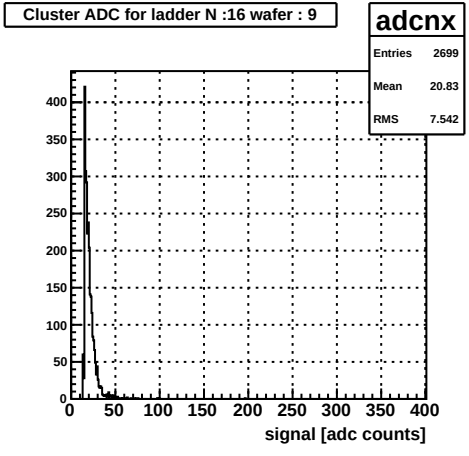

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1681
Mean 22.6
RMS 6.332
signal [adc counts]

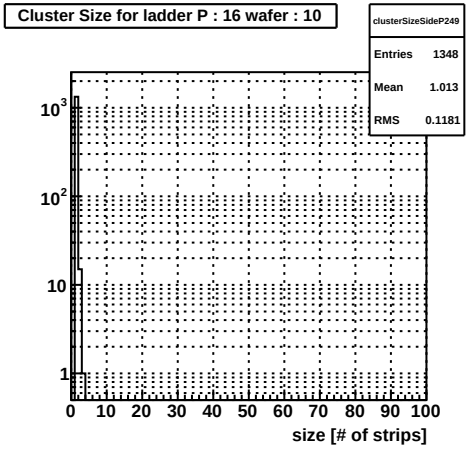

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 6845
Mean 1.025
RMS 0.1597
size [# of strips]

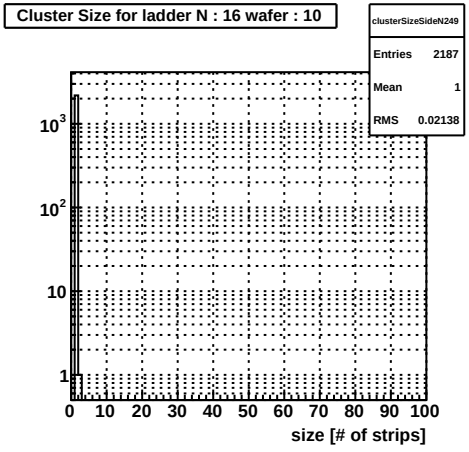

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2699
Mean 1.083
RMS 0.3793
size [# of strips]

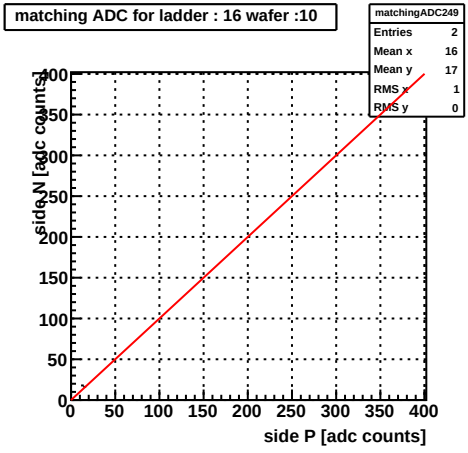

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 302
Mean x 36.06
Mean y 22.07
RMS x 15.11
RMS y 5.654
side N [adc counts]
side P [adc counts]

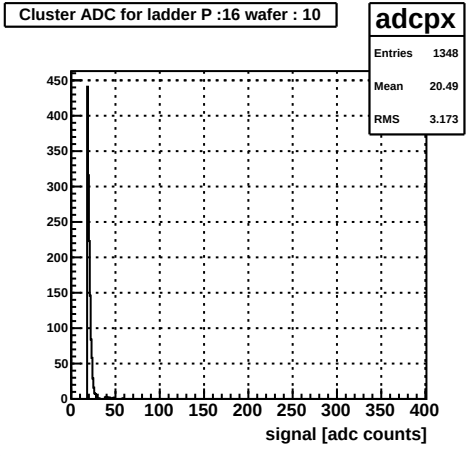

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 6845
Mean 26.42
RMS 12.24
signal [adc counts]

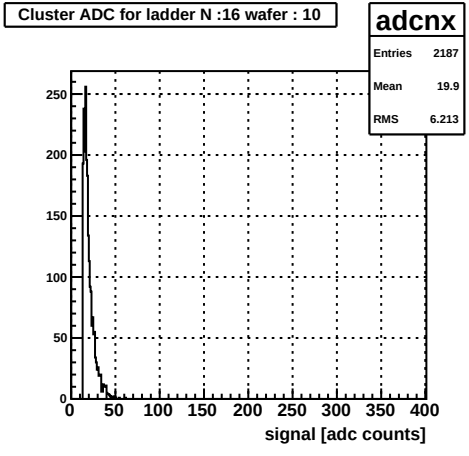

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2699
Mean 20.83
RMS 7.542
signal [adc counts]

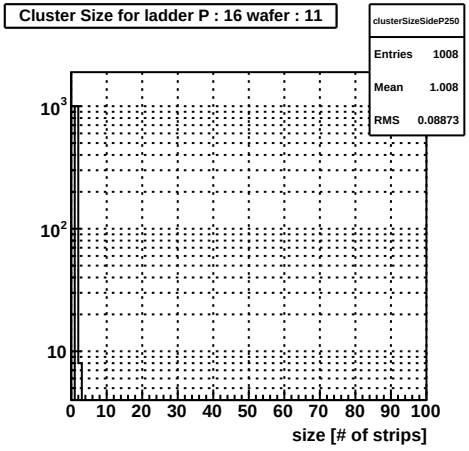

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 1348
Mean 1.013
RMS 0.1181
size [# of strips]

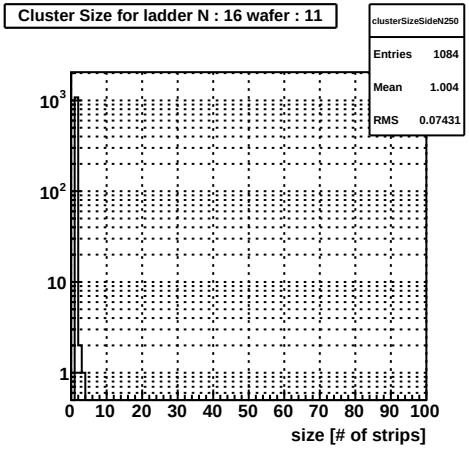

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2187
Mean 1
RMS 0.02138
size [# of strips]

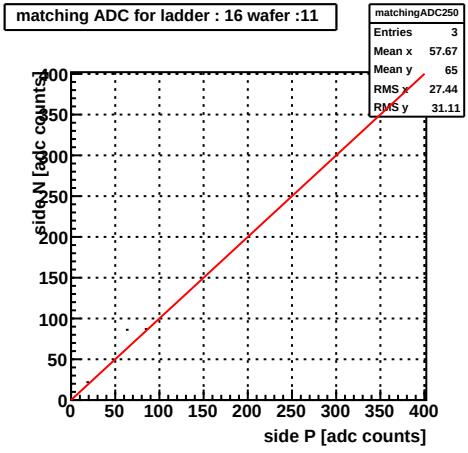

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 2
Mean x 16
Mean y 17
RMS x 1
RMS y 0
side N [adc counts]
side P [adc counts]

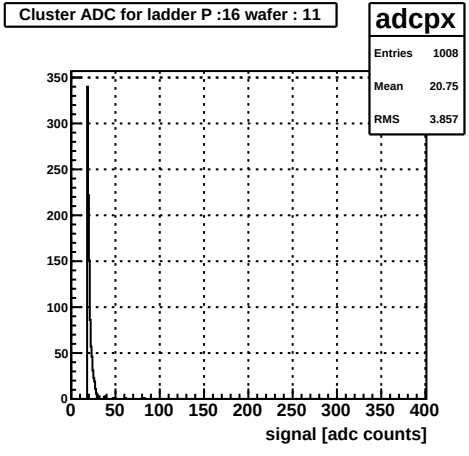

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 1348
Mean 20.49
RMS 3.173
signal [adc counts]

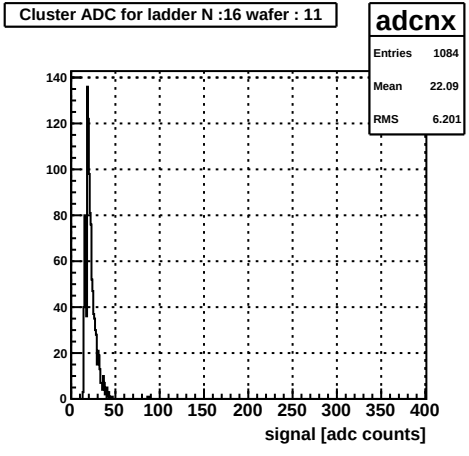

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2187
Mean 19.9
RMS 6.213
signal [adc counts]

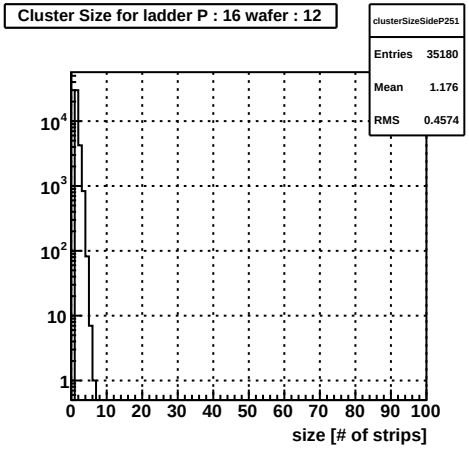

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1008
Mean 1.008
RMS 0.08873
size [# of strips]

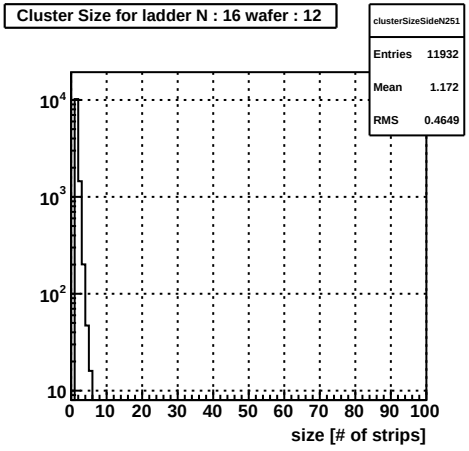

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1084
Mean 1.004
RMS 0.07431
size [# of strips]

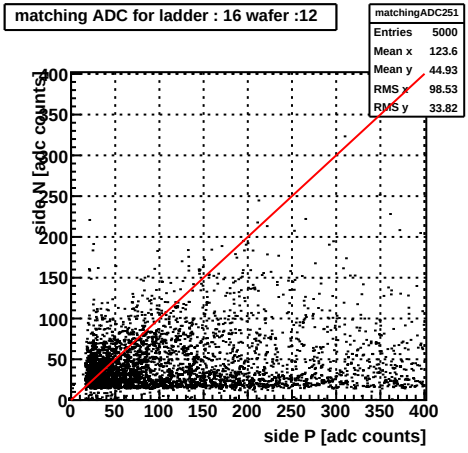

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 3
Mean x 57.67
Mean y 65
RMS x 27.44
RMS y 31.11
side N [adc counts]
side P [adc counts]

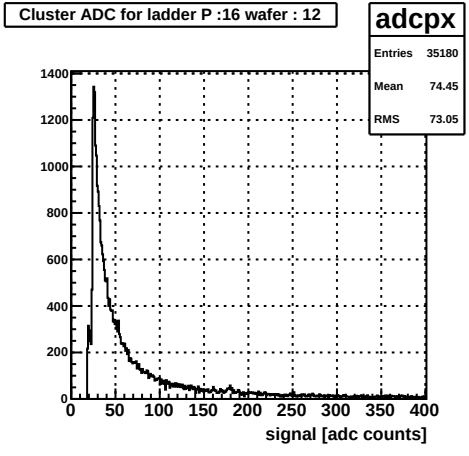

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1008
Mean 20.75
RMS 3.857
signal [adc counts]

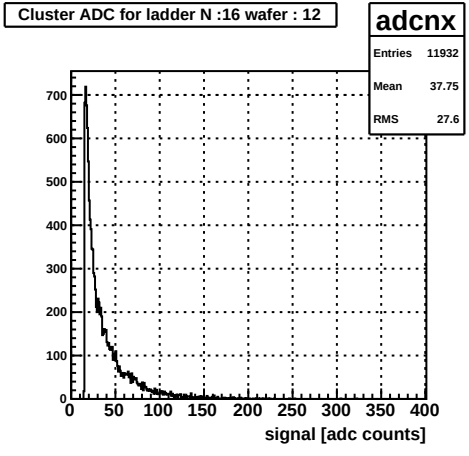

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1084
Mean 22.09
RMS 6.201
signal [adc counts]

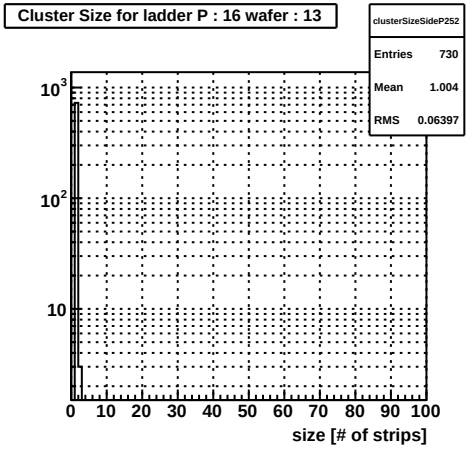

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 35180
Mean 1.176
RMS 0.4574
size [# of strips]

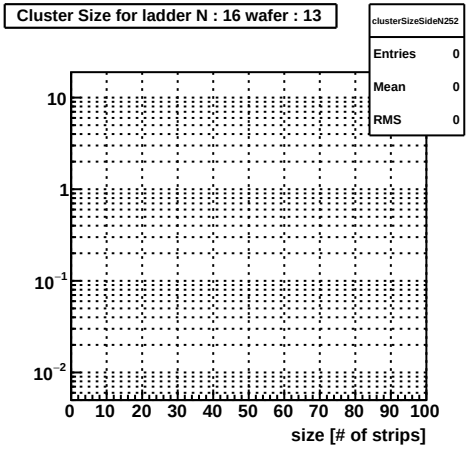

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 11932
Mean 1.172
RMS 0.4649
size [# of strips]

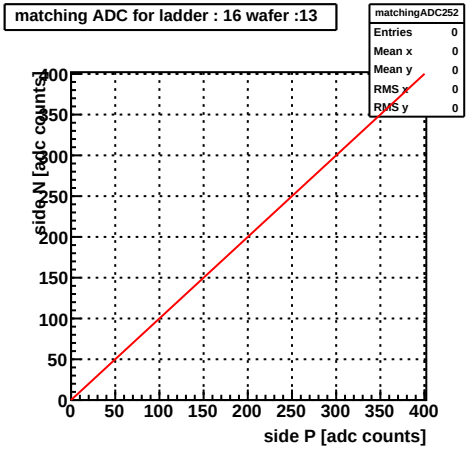

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 5000
Mean x 123.6
Mean y 44.93
RMS x 98.53
RMS y 33.82
side N [adc counts]
side P [adc counts]

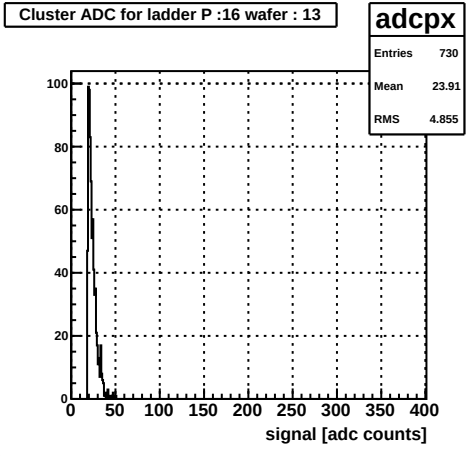

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 35180
Mean 74.45
RMS 73.05
signal [adc counts]

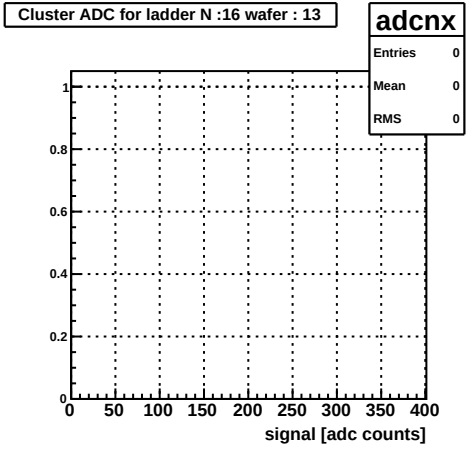

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 11932
Mean 37.75
RMS 27.6
signal [adc counts]

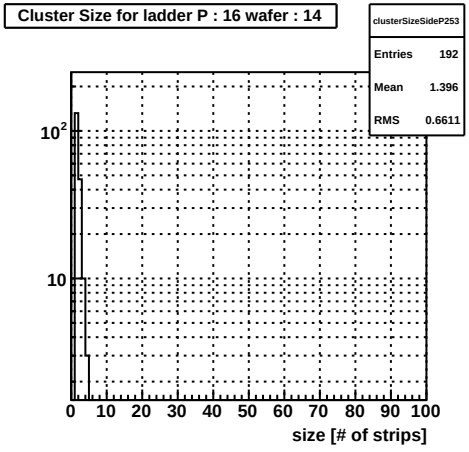

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 730
Mean 1.004
RMS 0.06397
size [# of strips]

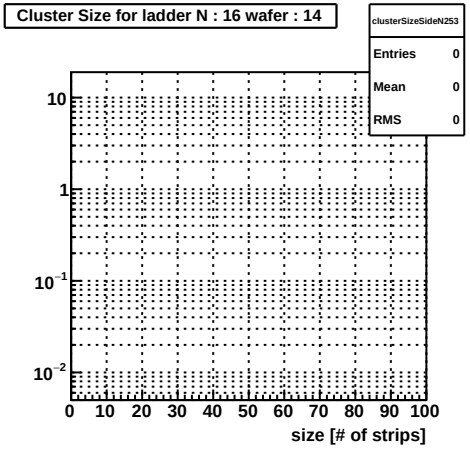

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

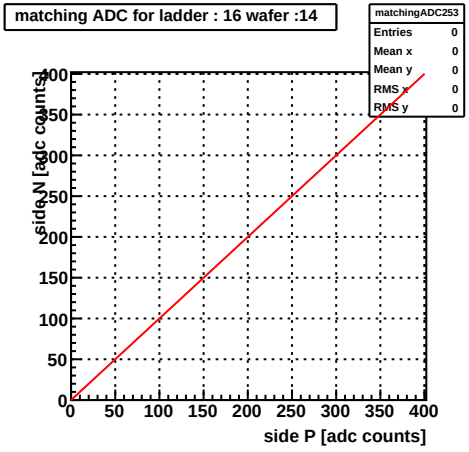

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

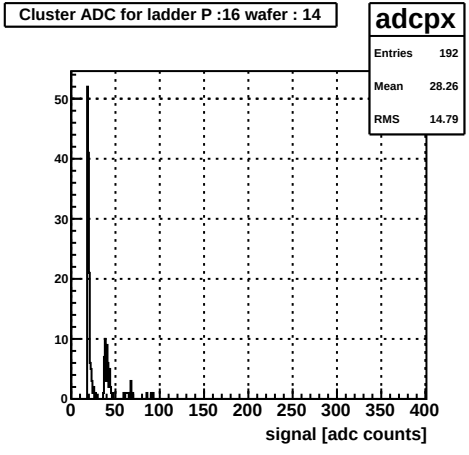

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 730
Mean 23.91
RMS 4.855
signal [adc counts]

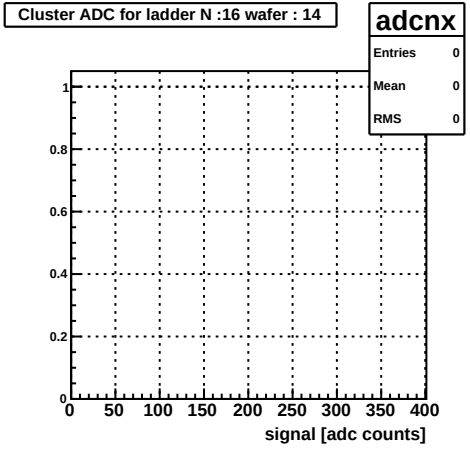

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

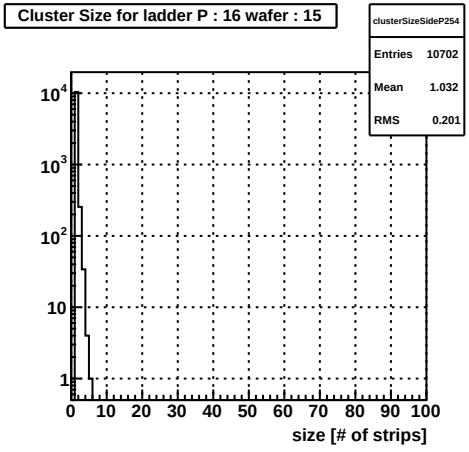

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 192
Mean 1.396
RMS 0.6611
size [# of strips]

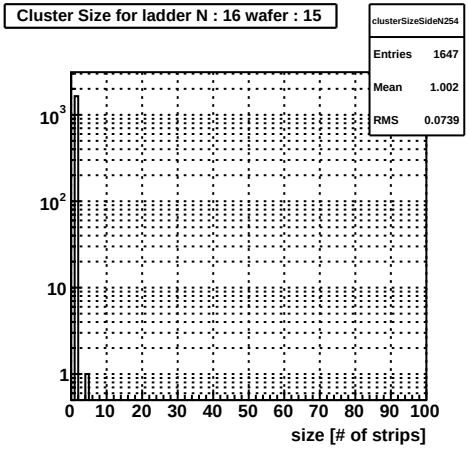

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

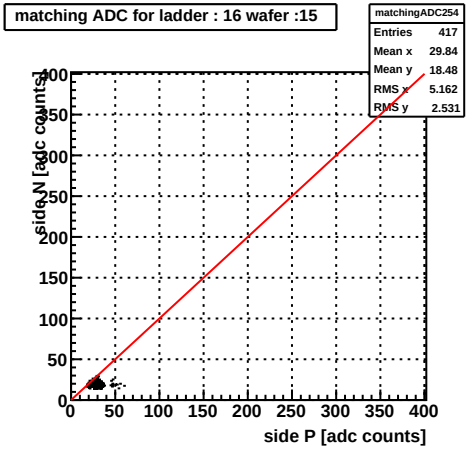

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

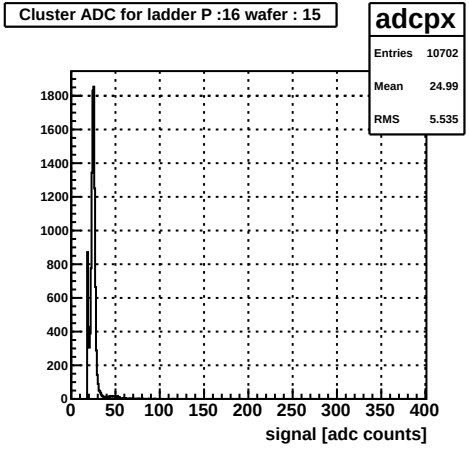

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 192
Mean 28.26
RMS 14.79
signal [adc counts]

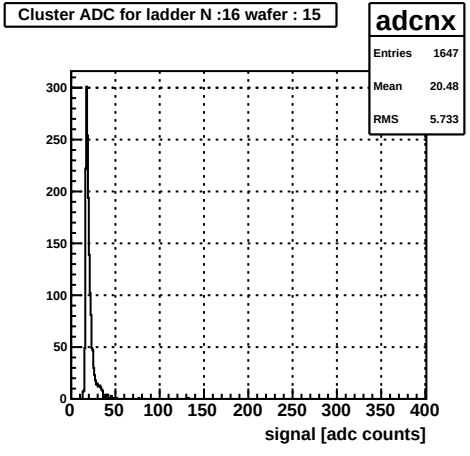

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

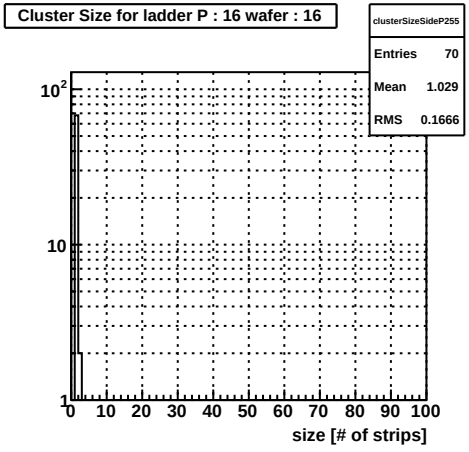

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 10702
Mean 1.032
RMS 0.201
size [# of strips]

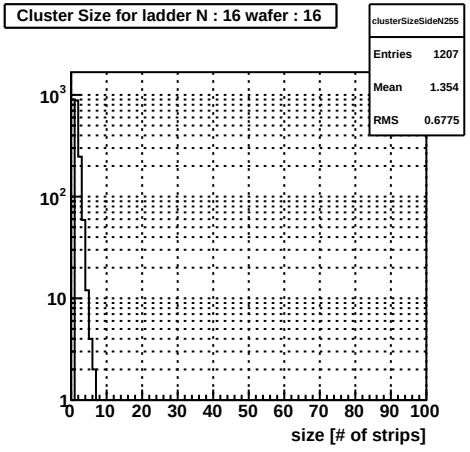

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1647
Mean 1.002
RMS 0.0739
size [# of strips]

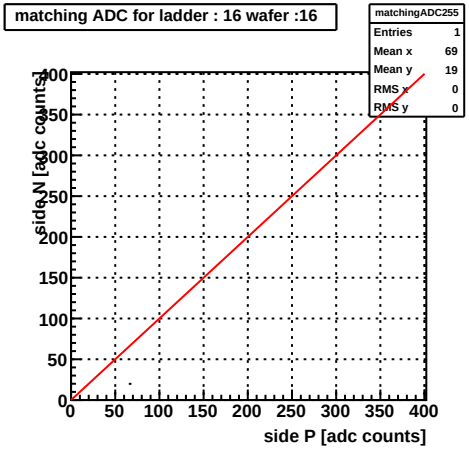

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 417
Mean x 29.84
Mean y 18.48
RMS x 5.162
RMS y 2.531
side N [adc counts]
side P [adc counts]

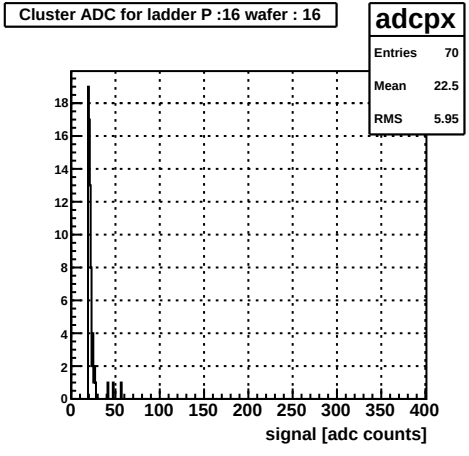

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 10702
Mean 24.99
RMS 5.535
signal [adc counts]

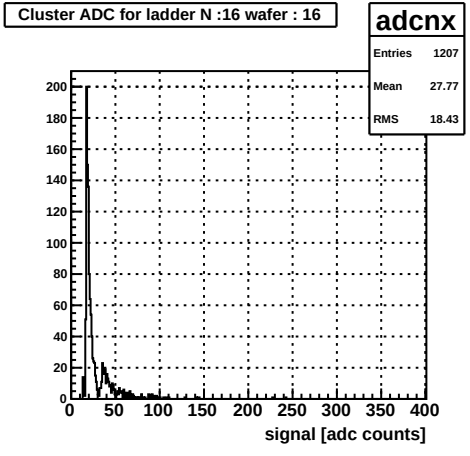

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1647
Mean 20.48
RMS 5.733
signal [adc counts]

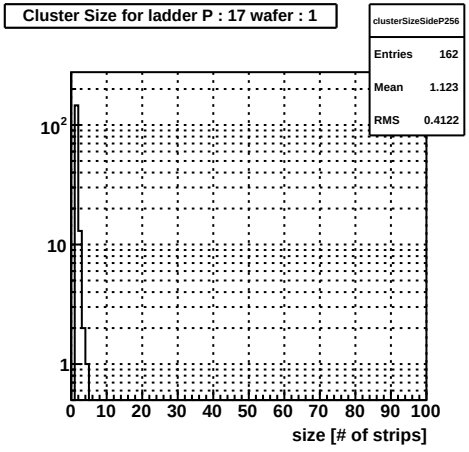

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 70
Mean 1.029
RMS 0.1666
size [# of strips]

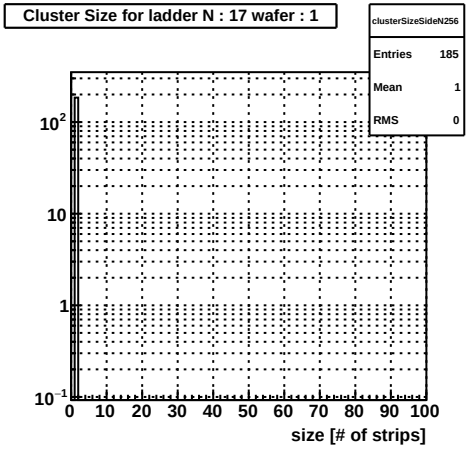

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1207
Mean 1.354
RMS 0.6775
size [# of strips]

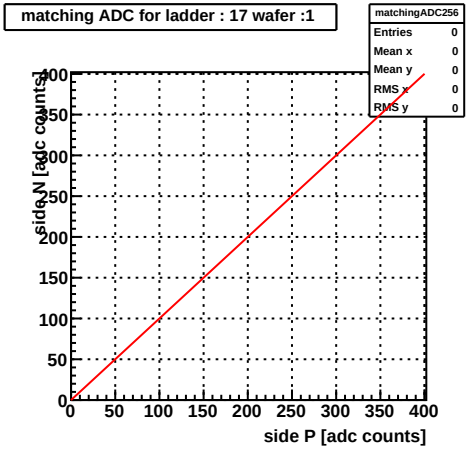

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1
Mean x 69
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

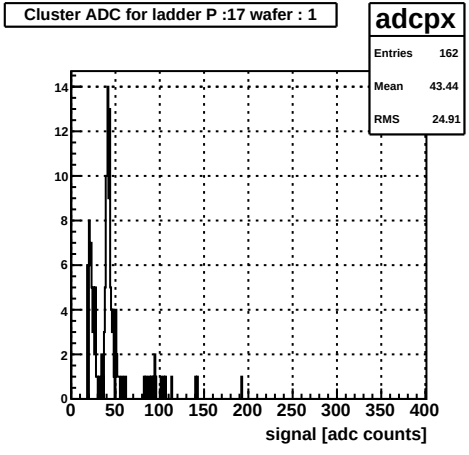

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 70
Mean 22.5
RMS 5.95
signal [adc counts]

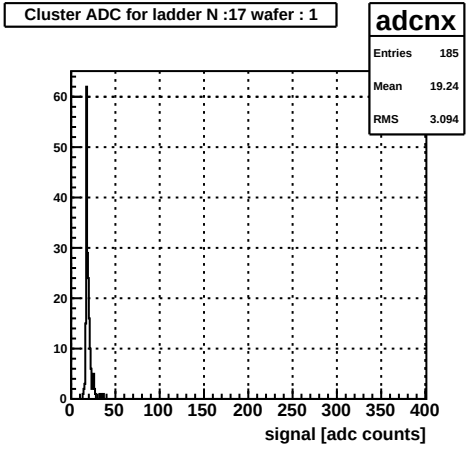

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1207
Mean 27.77
RMS 18.43
signal [adc counts]

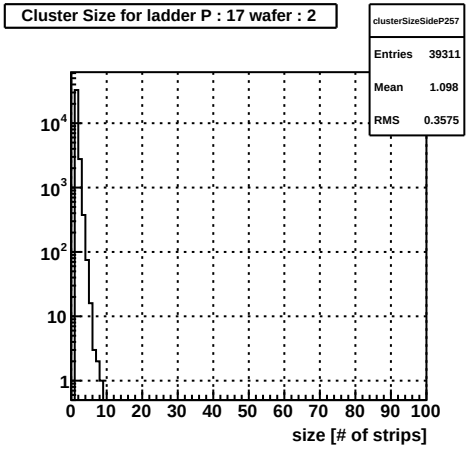

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 162
Mean 1.123
RMS 0.4122
size [# of strips]

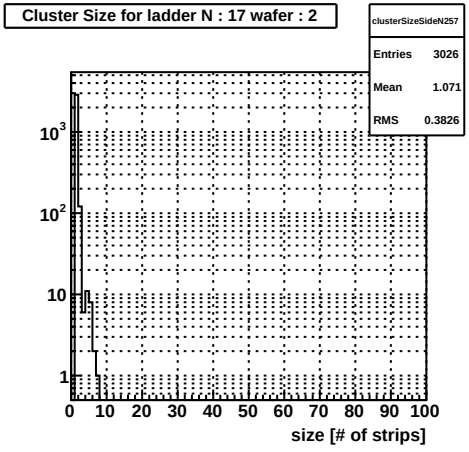

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 185
Mean 1
RMS 0
size [# of strips]

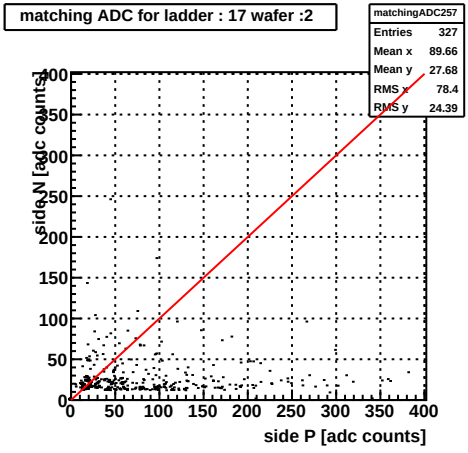

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

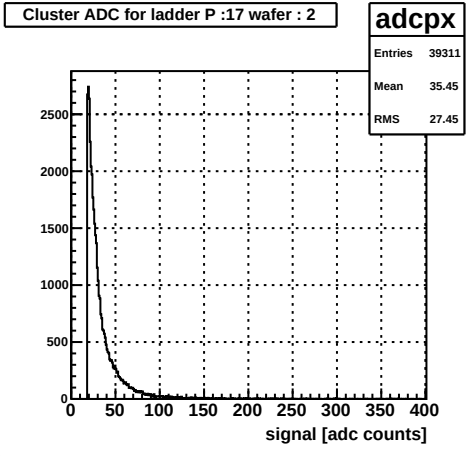

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 162
Mean 43.44
RMS 24.91
signal [adc counts]

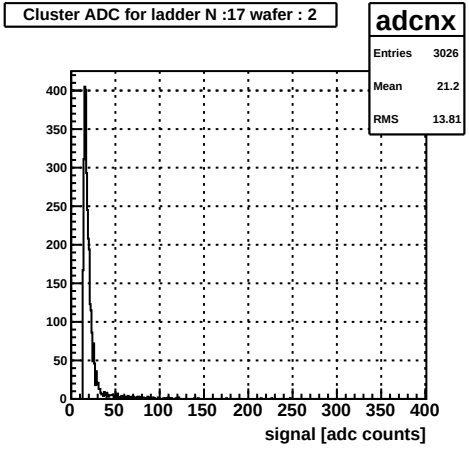

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 185
Mean 19.24
RMS 3.094
signal [adc counts]

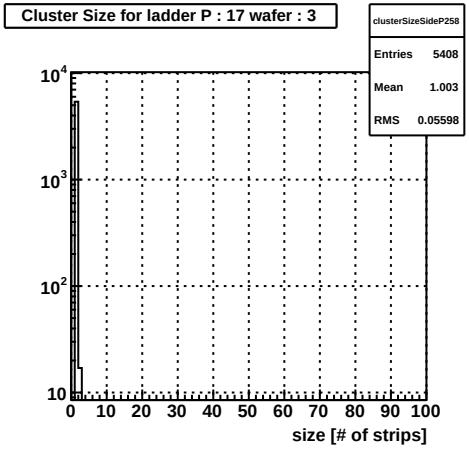

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 39311
Mean 1.098
RMS 0.3575
size [# of strips]

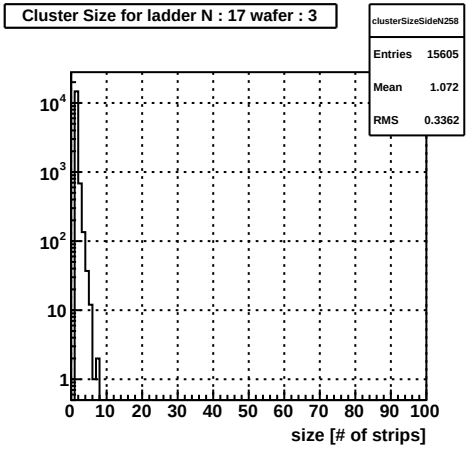

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3026
Mean 1.071
RMS 0.3826
size [# of strips]

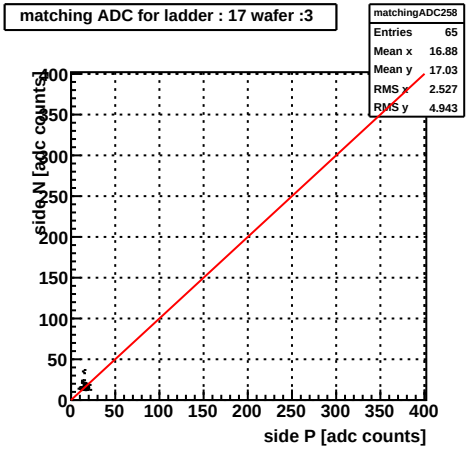

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 327
Mean x 89.66
Mean y 27.68
RMS x 78.4
RMS y 24.39
side N [adc counts]
side P [adc counts]

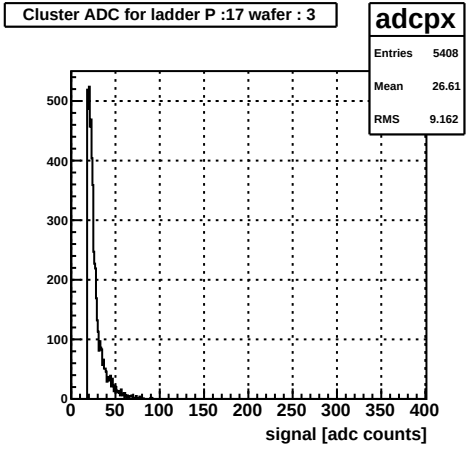

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 39311
Mean 35.45
RMS 27.45
signal [adc counts]

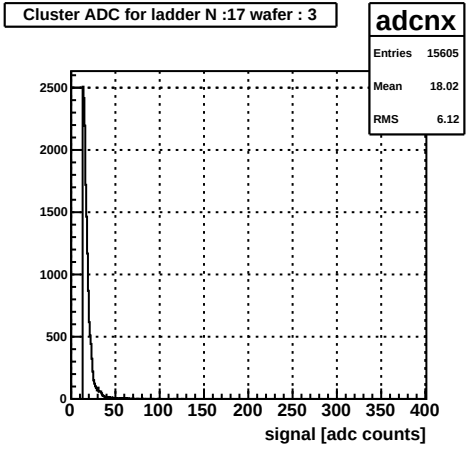

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3026
Mean 21.2
RMS 13.81
signal [adc counts]

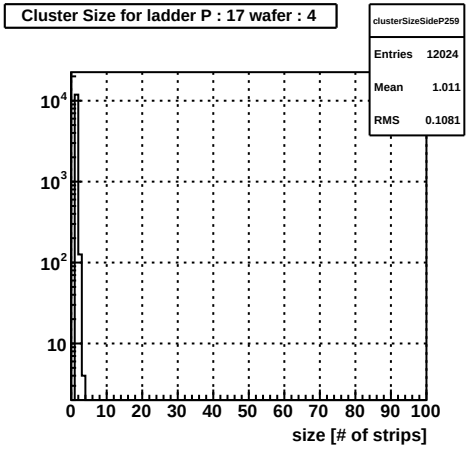

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5408
Mean 1.003
RMS 0.05598
size [# of strips]

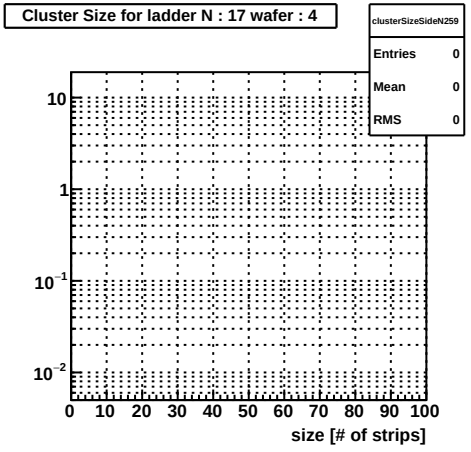

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15605
Mean 1.072
RMS 0.3362
size [# of strips]

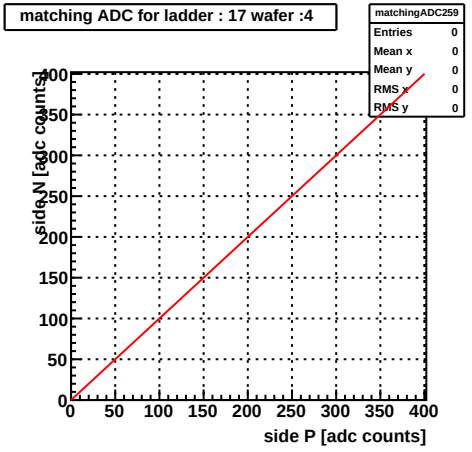

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 65
Mean x 16.88
Mean y 17.03
RMS x 2.527
RMS y 4.943
side N [adc counts]
side P [adc counts]

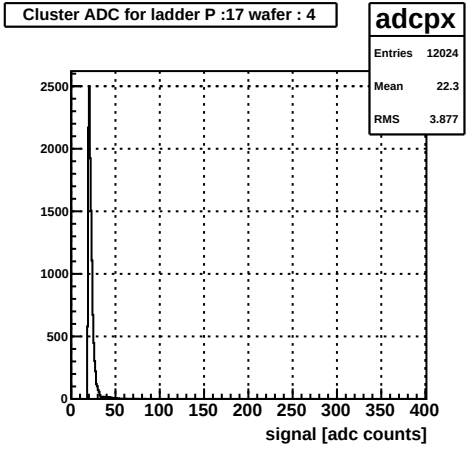

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5408
Mean 26.61
RMS 9.162
signal [adc counts]

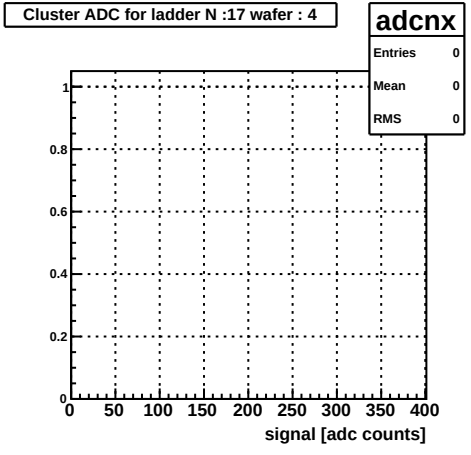

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15605
Mean 18.02
RMS 6.12
signal [adc counts]

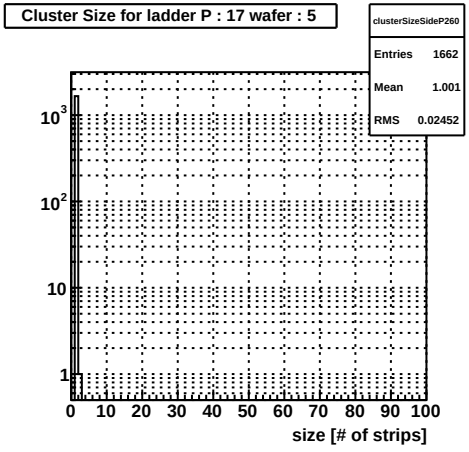

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 12024
Mean 1.011
RMS 0.1081
size [# of strips]

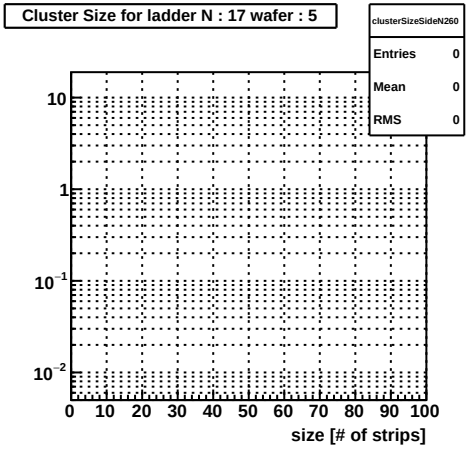

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

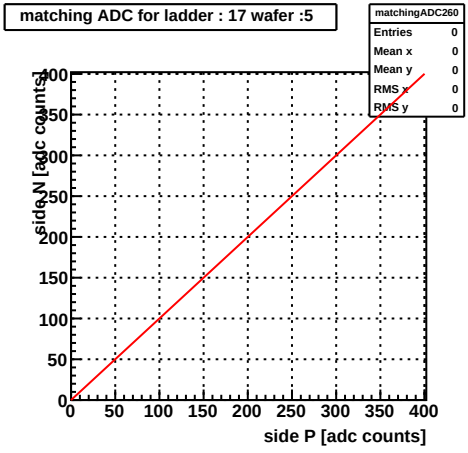

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

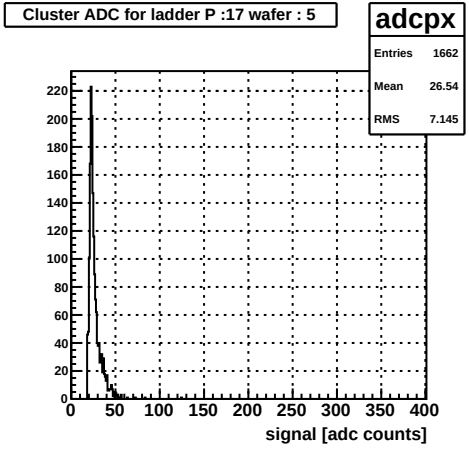

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 12024
Mean 22.3
RMS 3.877
signal [adc counts]

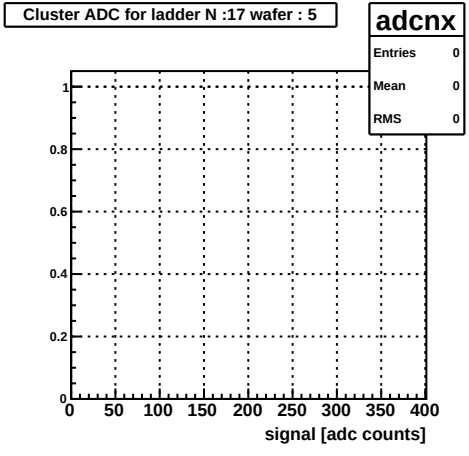

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

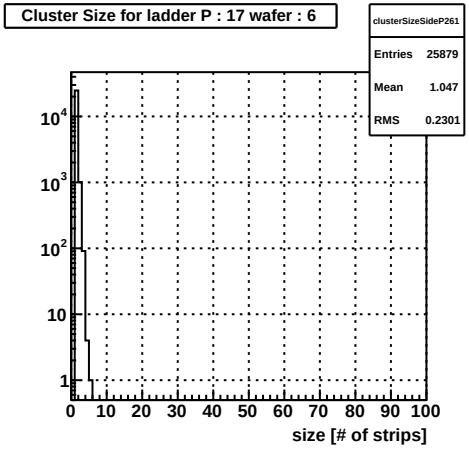

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1662
Mean 1.001
RMS 0.02452
size [# of strips]

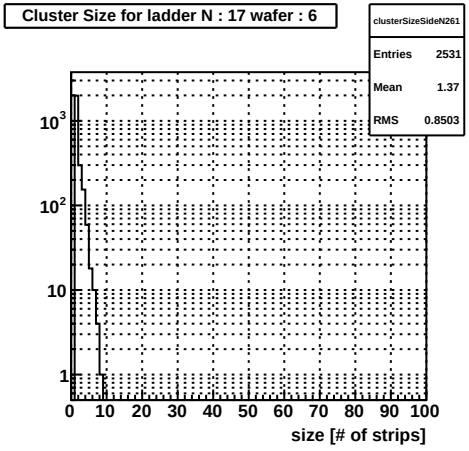

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

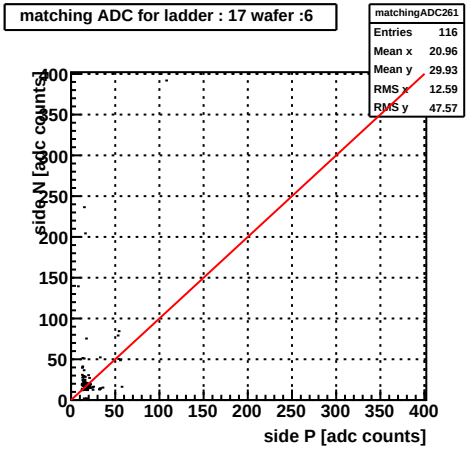

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

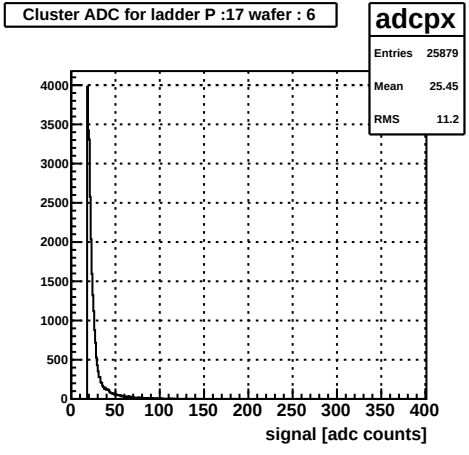

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1662
Mean 26.54
RMS 7.145
signal [adc counts]

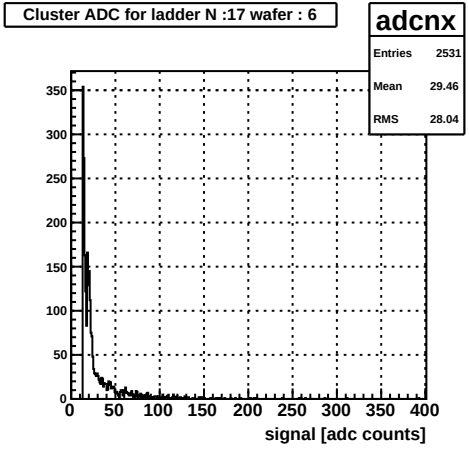

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

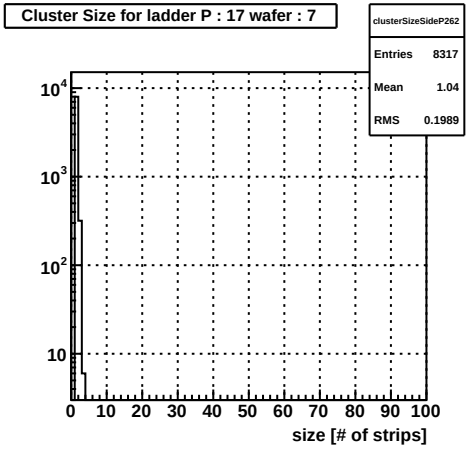

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 25879
Mean 1.047
RMS 0.2301
size [# of strips]

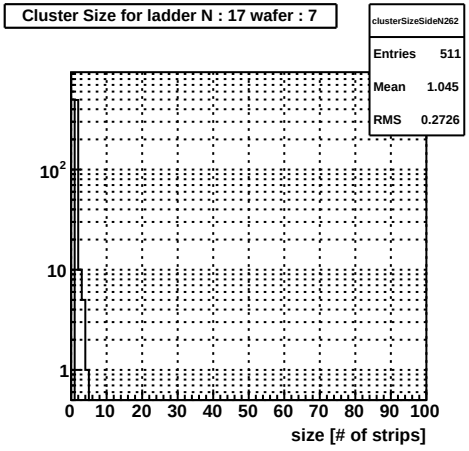

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2531
Mean 1.37
RMS 0.8503
size [# of strips]

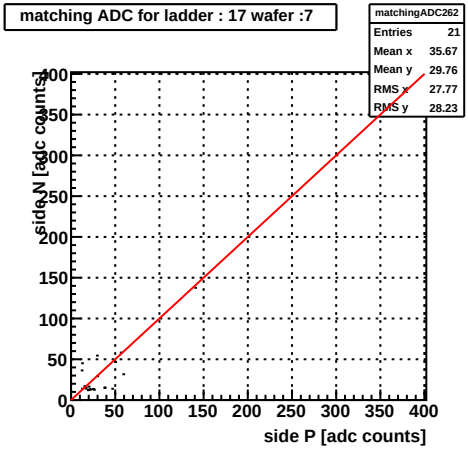

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 116
Mean x 20.96
Mean y 29.93
RMS x 12.59
RMS y 47.57
side N [adc counts]
side P [adc counts]

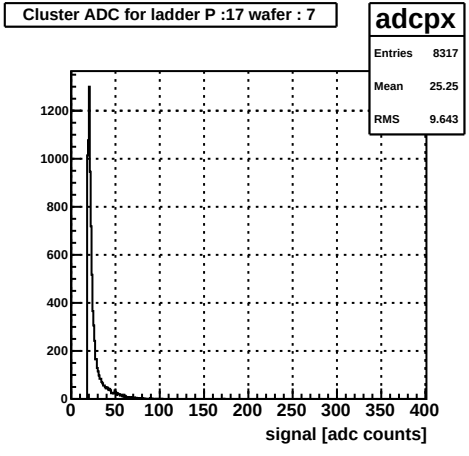

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 25879
Mean 25.45
RMS 11.2
signal [adc counts]

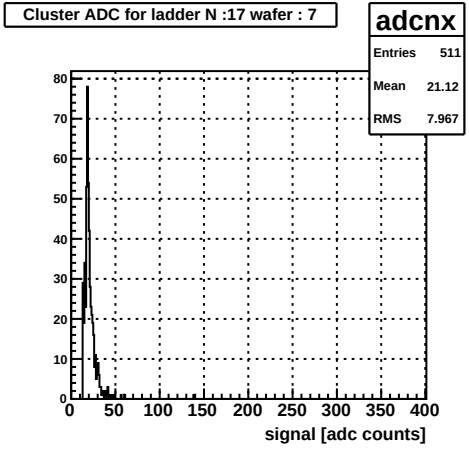

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2531
Mean 29.46
RMS 28.04
signal [adc counts]

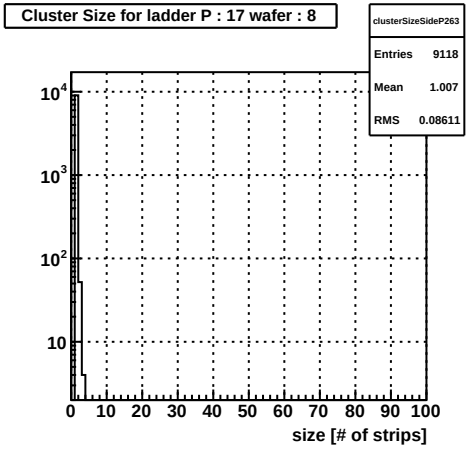

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 8317
Mean 1.04
RMS 0.1989
size [# of strips]

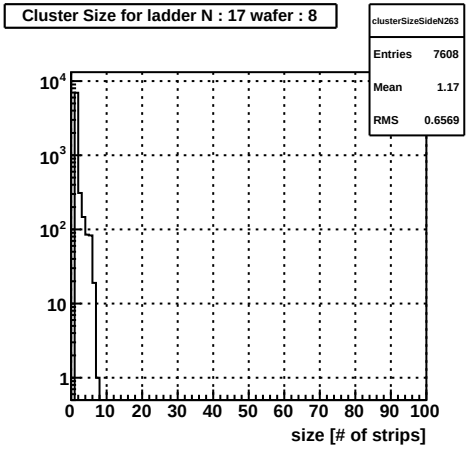

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 511
Mean 1.045
RMS 0.2726
size [# of strips]

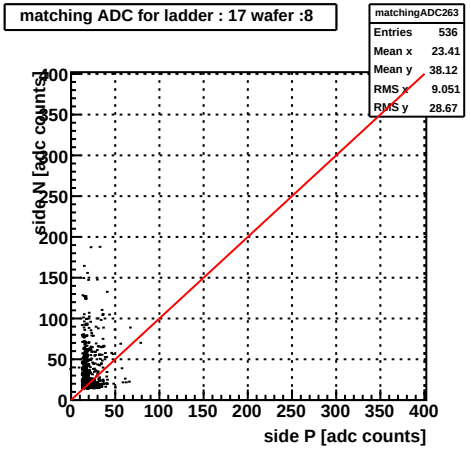

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 21
Mean x 35.67
Mean y 29.76
RMS x 27.77
RMS y 28.23
side N [adc counts]
side P [adc counts]

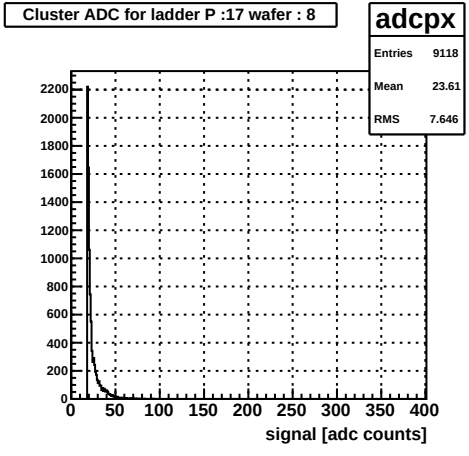

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 8317
Mean 25.25
RMS 9.643
signal [adc counts]

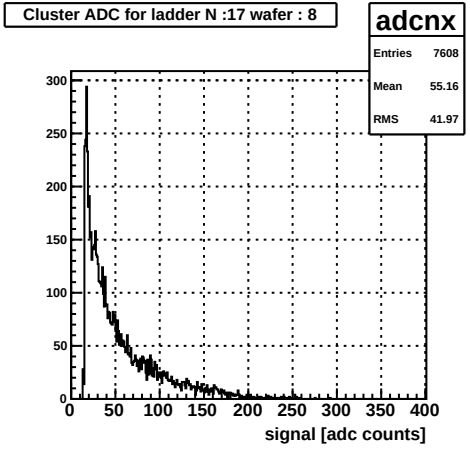

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 511
Mean 21.12
RMS 7.967
signal [adc counts]

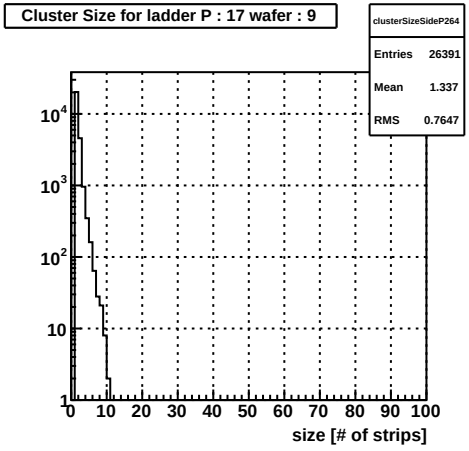

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 9118
Mean 1.007
RMS 0.08611
size [# of strips]

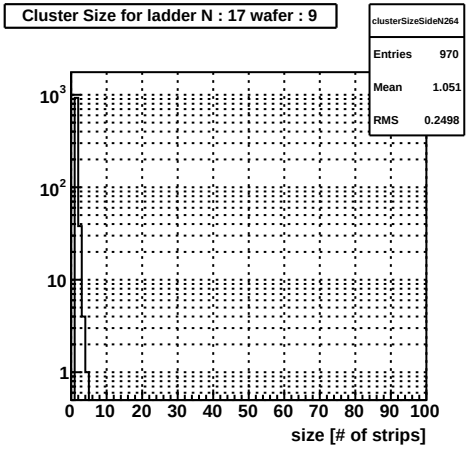

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 7608
Mean 1.17
RMS 0.6569
size [# of strips]

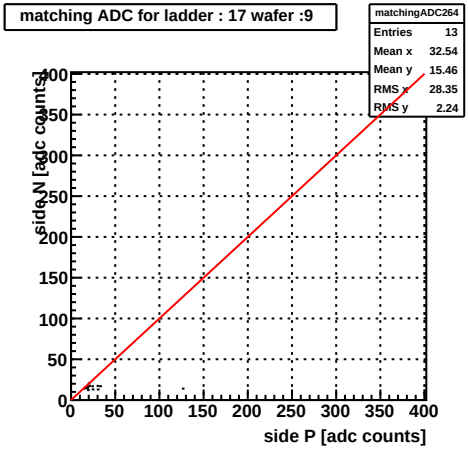

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 536
Mean x 23.41
Mean y 38.12
RMS x 9.051
RMS y 28.67
side N [adc counts]
side P [adc counts]

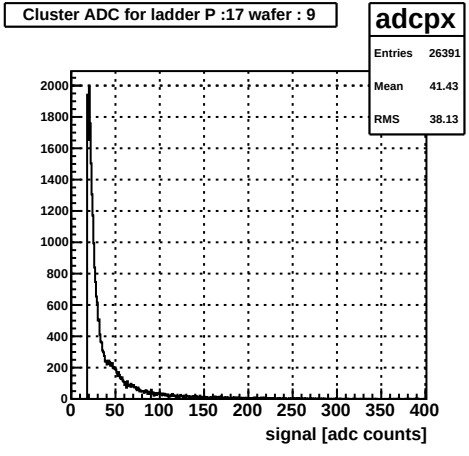

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 9118
Mean 23.61
RMS 7.646
signal [adc counts]

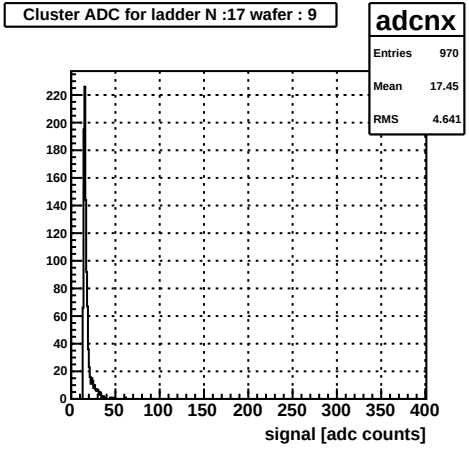

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 7608
Mean 55.16
RMS 41.97
signal [adc counts]

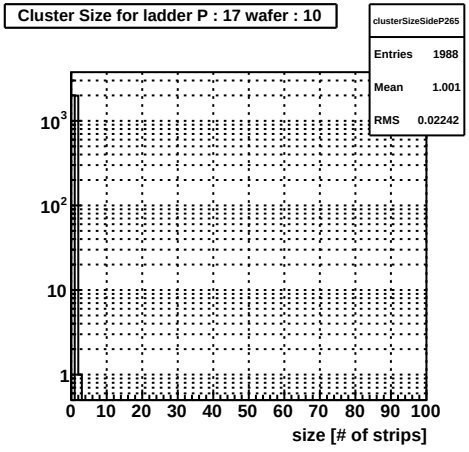

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 26391
Mean 1.337
RMS 0.7647
size [# of strips]

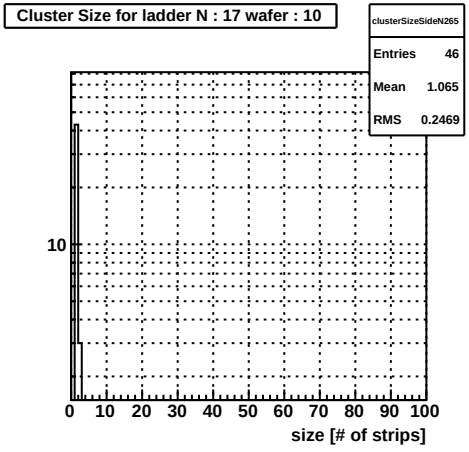

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 970
Mean 1.051
RMS 0.2498
size [# of strips]

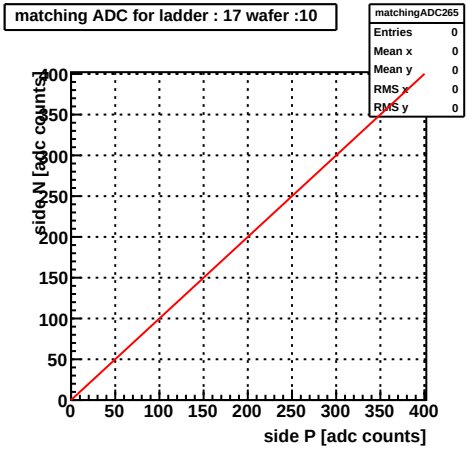

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 13
Mean x 32.54
Mean y 15.46
RMS x 28.35
RMS y 2.24
side N [adc counts]
side P [adc counts]

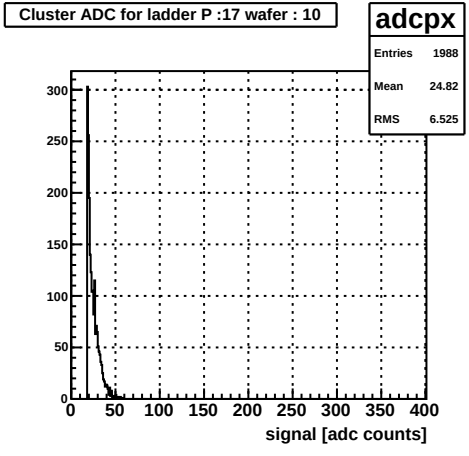

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 26391
Mean 41.43
RMS 38.13
signal [adc counts]

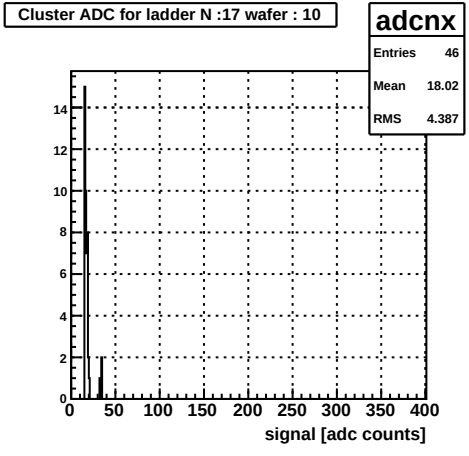

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 970
Mean 17.45
RMS 4.641
signal [adc counts]

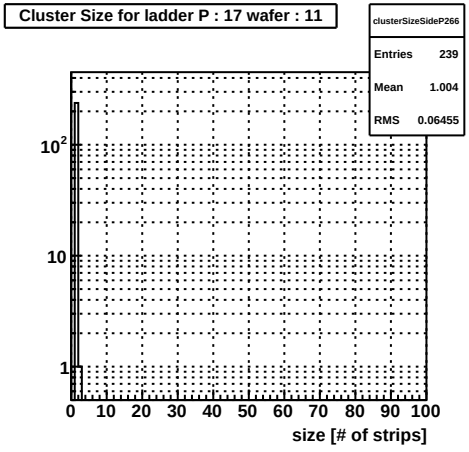

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1988
Mean 1.001
RMS 0.02242
size [# of strips]

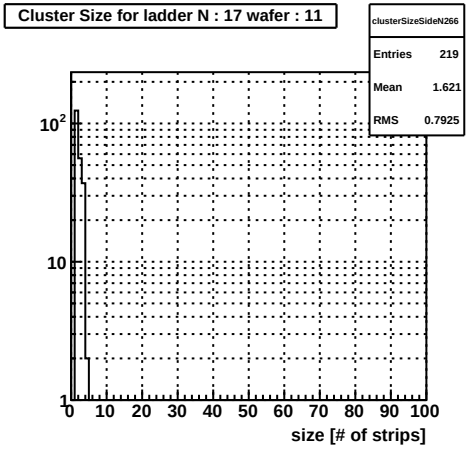

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 46
Mean 1.065
RMS 0.2469
size [# of strips]

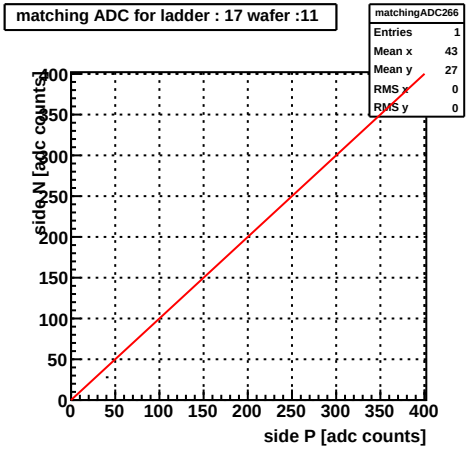

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

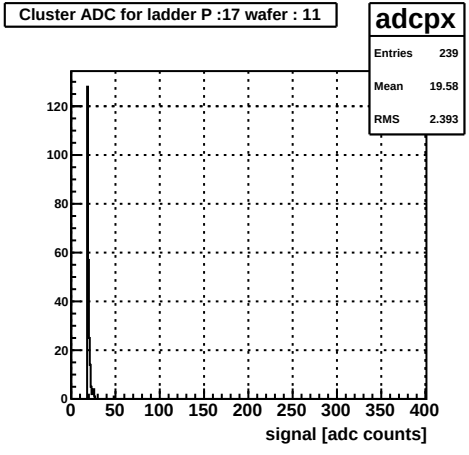

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1988
Mean 24.82
RMS 6.525
signal [adc counts]

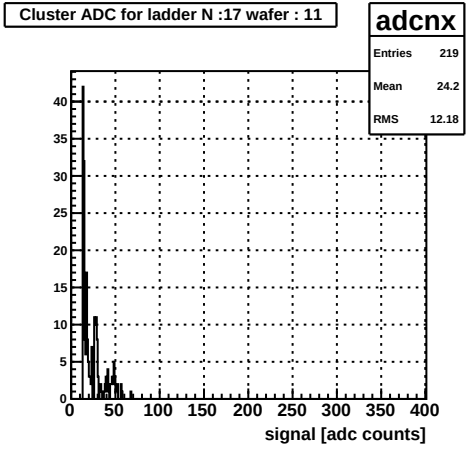

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 46
Mean 18.02
RMS 4.387
signal [adc counts]

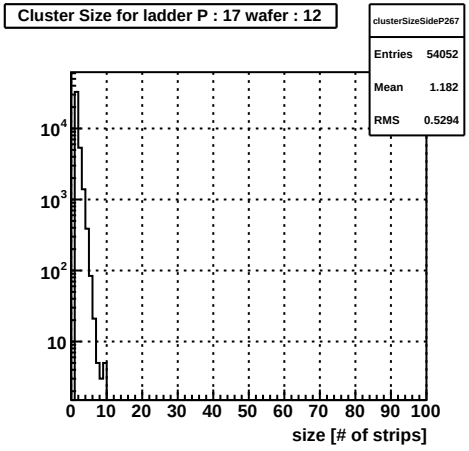

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 239
Mean 1.004
RMS 0.06455
size [# of strips]

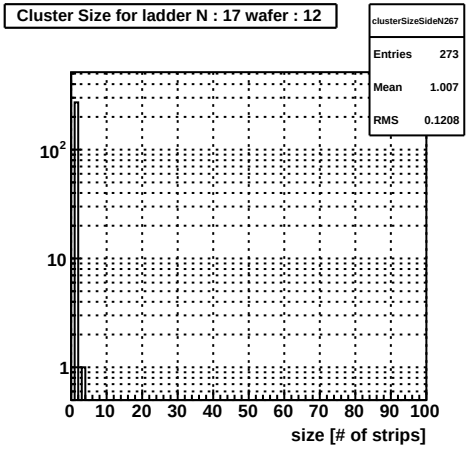

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 219
Mean 1.621
RMS 0.7925
size [# of strips]

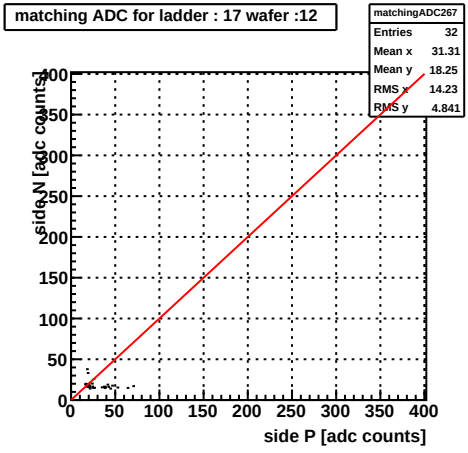

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 1
Mean x 43
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

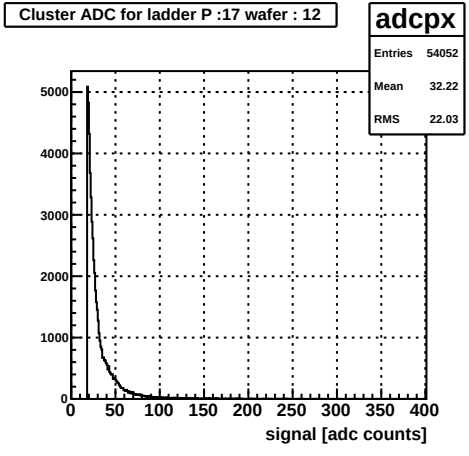

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 239
Mean 19.58
RMS 2.393
signal [adc counts]

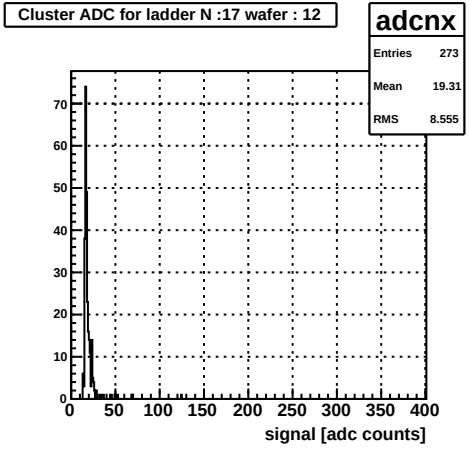

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 219
Mean 24.2
RMS 12.18
signal [adc counts]

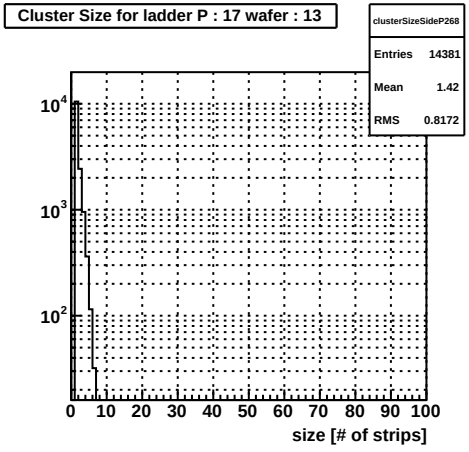

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 54052
Mean 1.182
RMS 0.5294
size [# of strips]

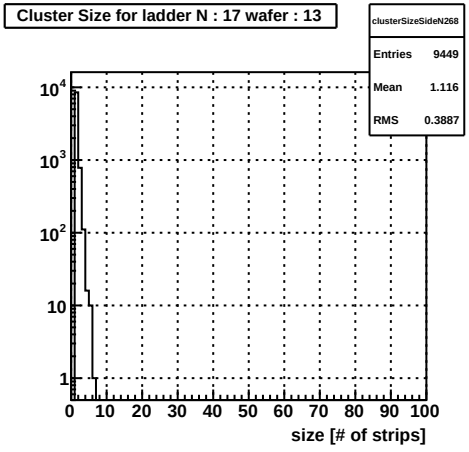

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 273
Mean 1.007
RMS 0.1208
size [# of strips]

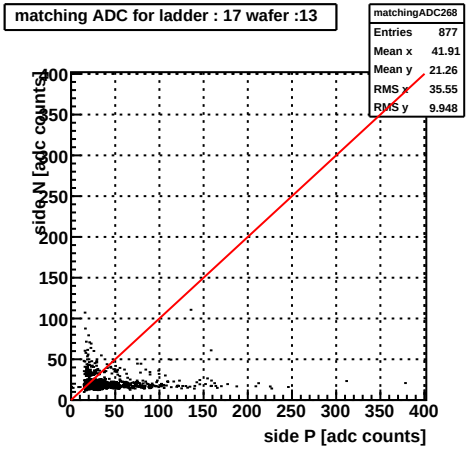

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 32
Mean x 31.31
Mean y 18.25
RMS x 14.23
RMS y 4.841
side N [adc counts]
side P [adc counts]

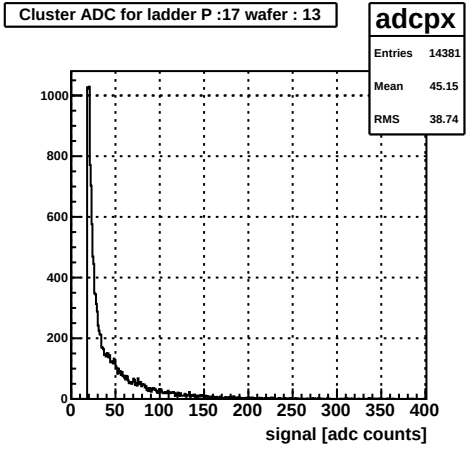

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 54052
Mean 32.22
RMS 22.03
signal [adc counts]

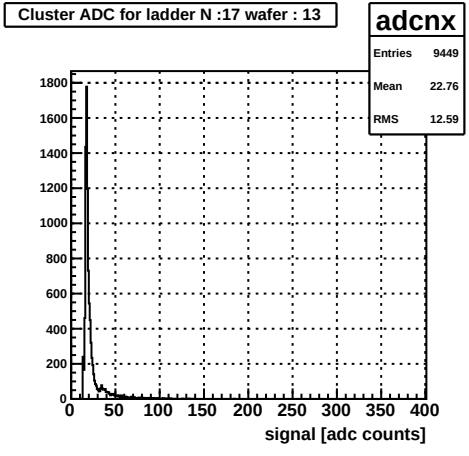

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 273
Mean 19.31
RMS 8.555
signal [adc counts]

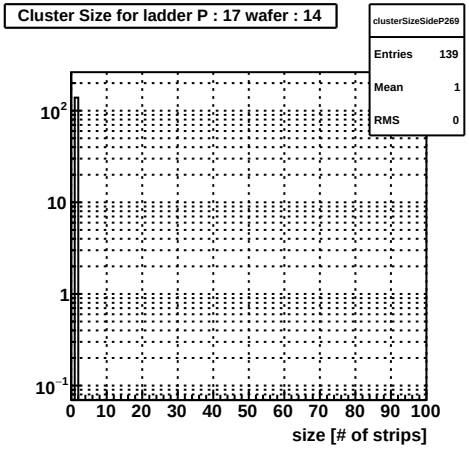

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 14381
Mean 1.42
RMS 0.8172
size [# of strips]

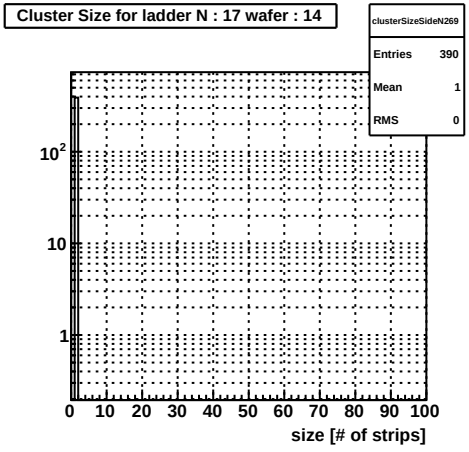

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9449
Mean 1.116
RMS 0.3887
size [# of strips]

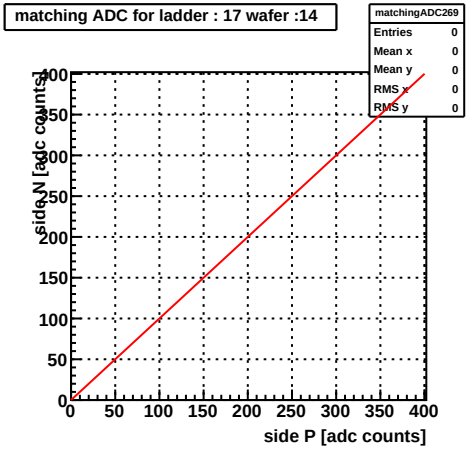

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 877
Mean x 41.91
Mean y 21.26
RMS x 35.55
RMS y 9.948
side N [adc counts]
side P [adc counts]

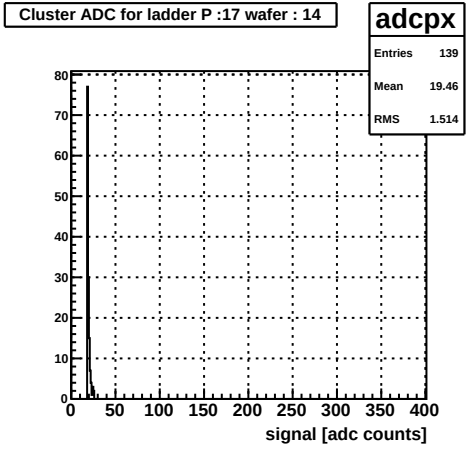

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 14381
Mean 45.15
RMS 38.74
signal [adc counts]

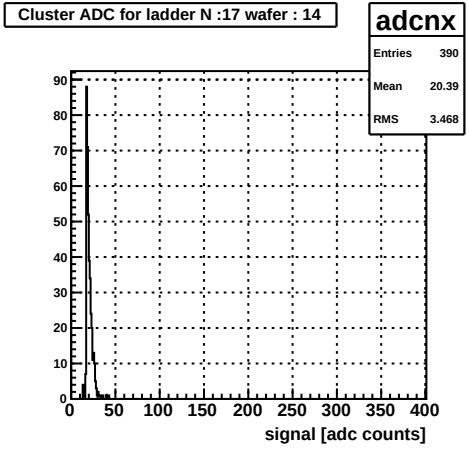

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9449
Mean 22.76
RMS 12.59
signal [adc counts]

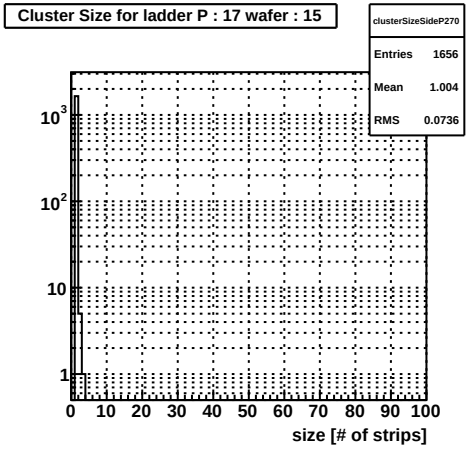

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 139
Mean 1
RMS 0
size [# of strips]

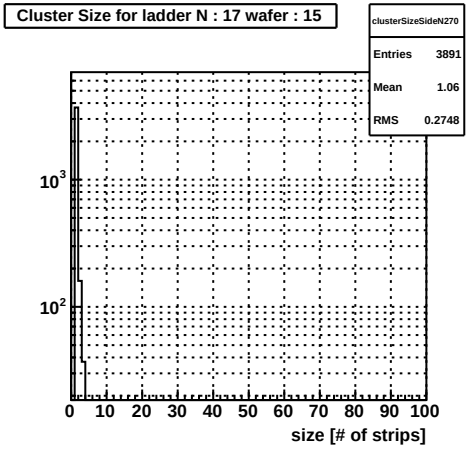

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 390
Mean 1
RMS 0
size [# of strips]

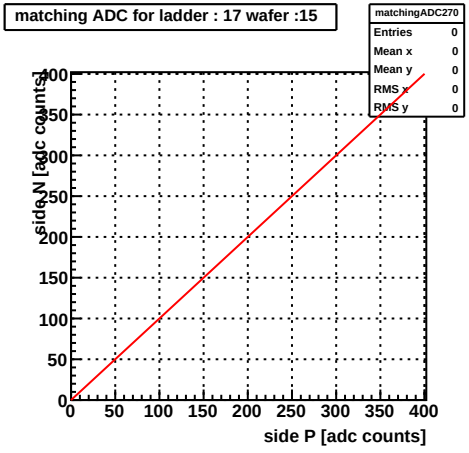

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

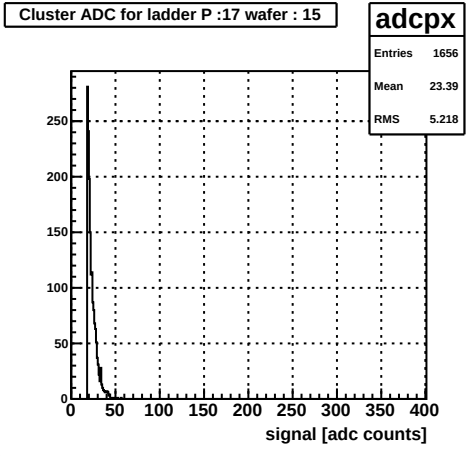

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 139
Mean 19.46
RMS 1.514
signal [adc counts]

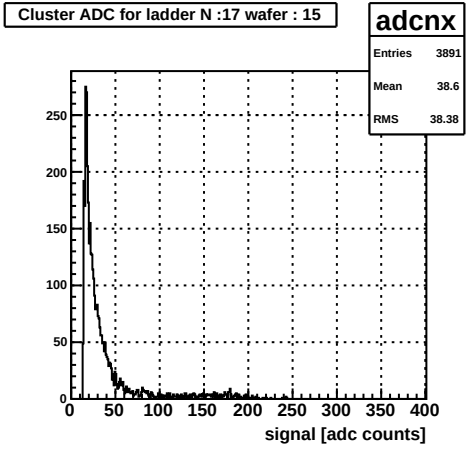

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 390
Mean 20.39
RMS 3.468
signal [adc counts]

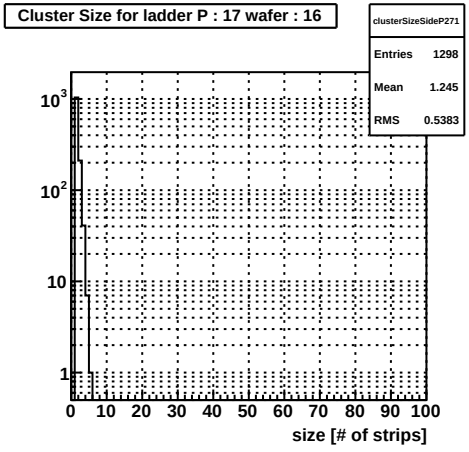

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1656
Mean 1.004
RMS 0.0736
size [# of strips]

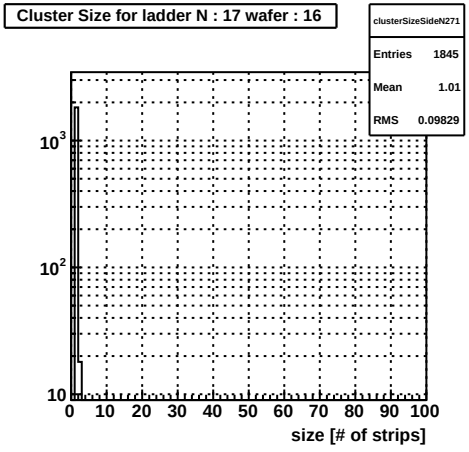

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3891
Mean 1.06
RMS 0.2748
size [# of strips]

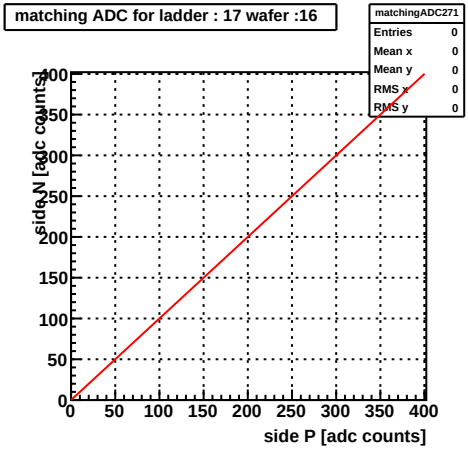

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

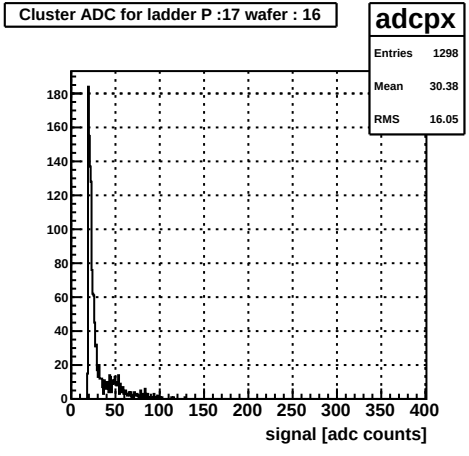

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1656
Mean 23.39
RMS 5.218
signal [adc counts]

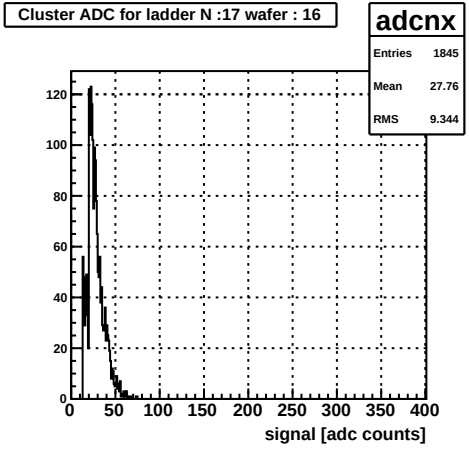

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3891
Mean 38.6
RMS 38.38
signal [adc counts]

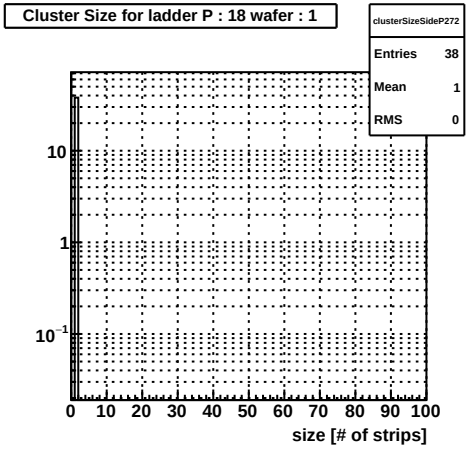

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1298
Mean 1.245
RMS 0.5383
size [# of strips]

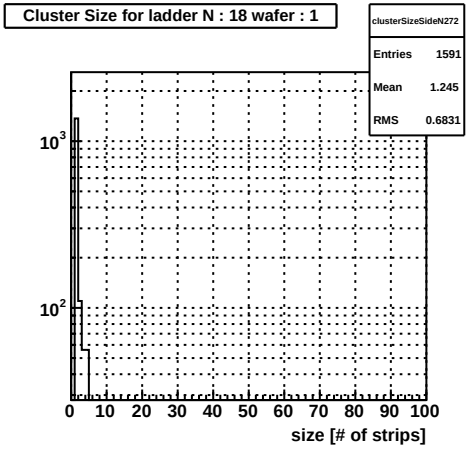

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1845
Mean 1.01
RMS 0.09829
size [# of strips]

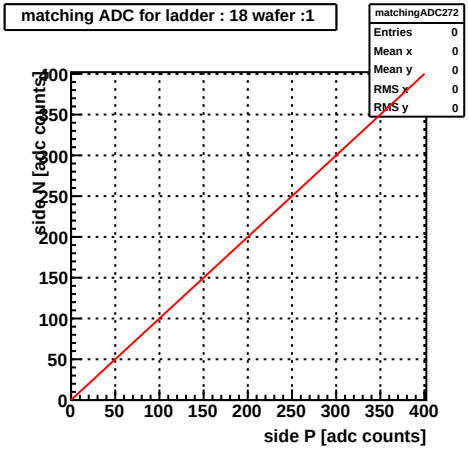

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

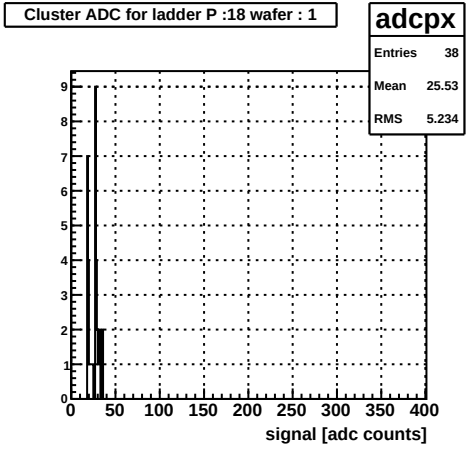

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1298
Mean 30.38
RMS 16.05
signal [adc counts]

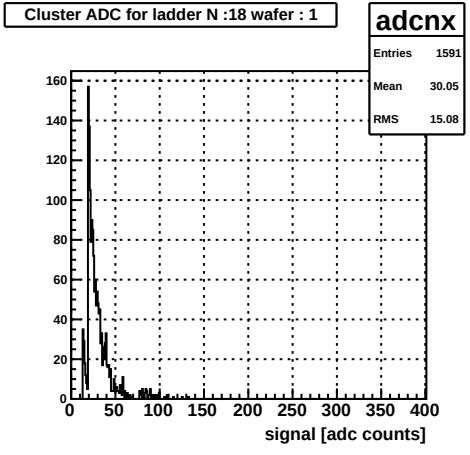

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1845
Mean 27.76
RMS 9.344
signal [adc counts]

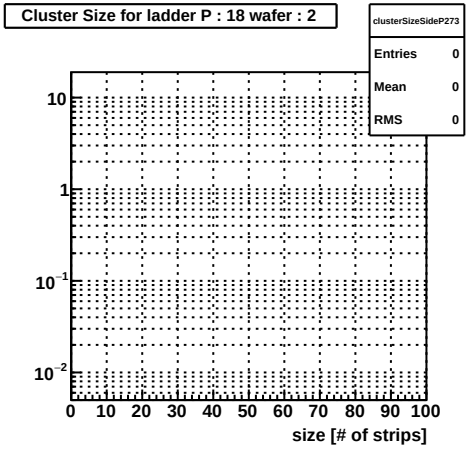

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 38
Mean 1
RMS 0
size [# of strips]

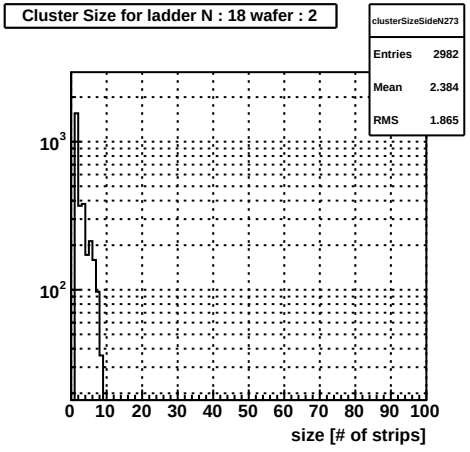

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1591
Mean 1.245
RMS 0.6831
size [# of strips]

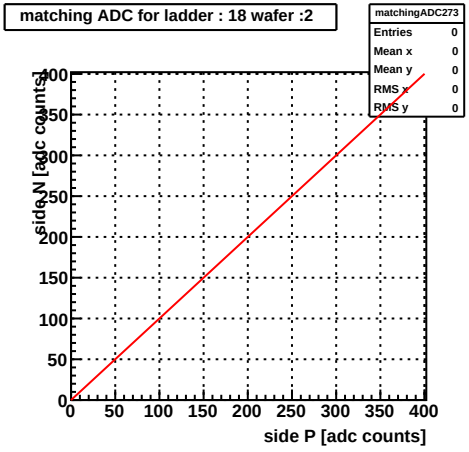

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

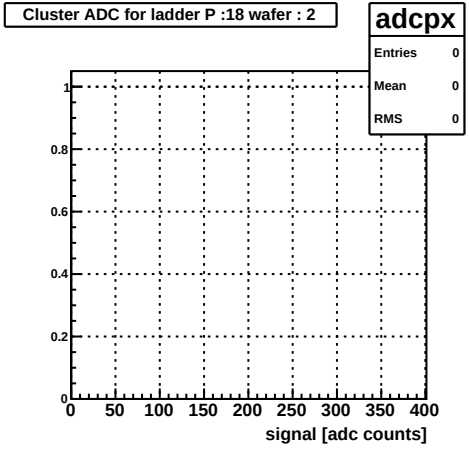

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 38
Mean 25.53
RMS 5.234
signal [adc counts]

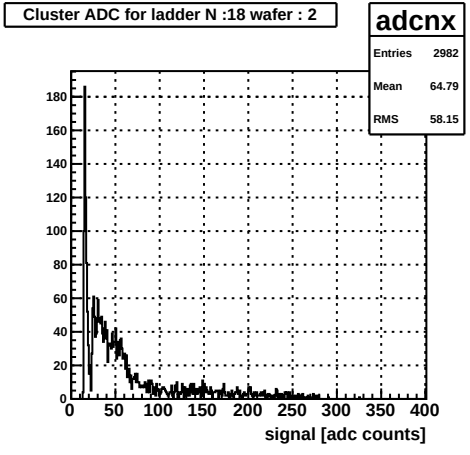

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1591
Mean 30.05
RMS 15.08
signal [adc counts]

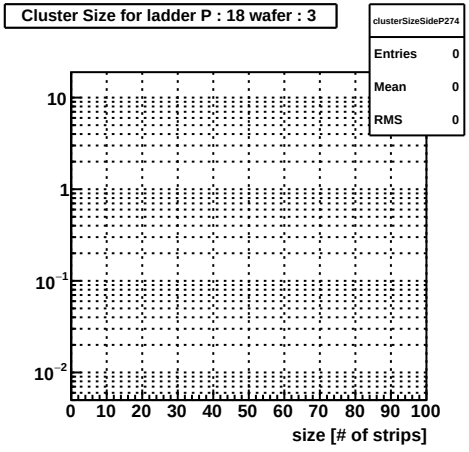

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

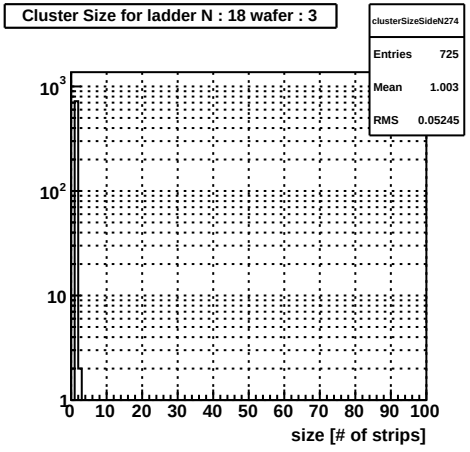

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2982
Mean 2.384
RMS 1.865
size [# of strips]

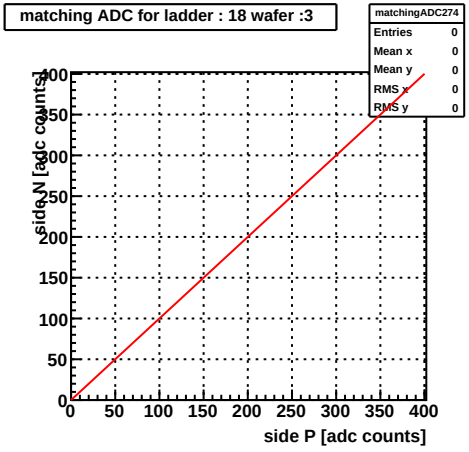

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

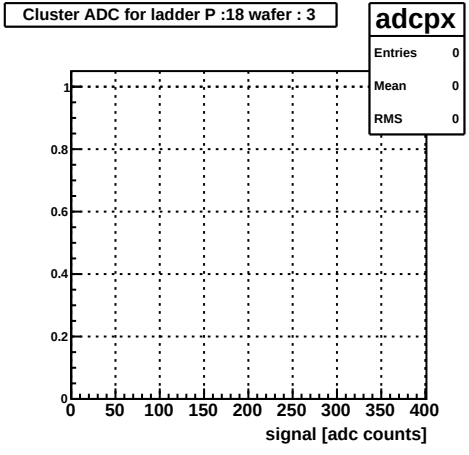

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

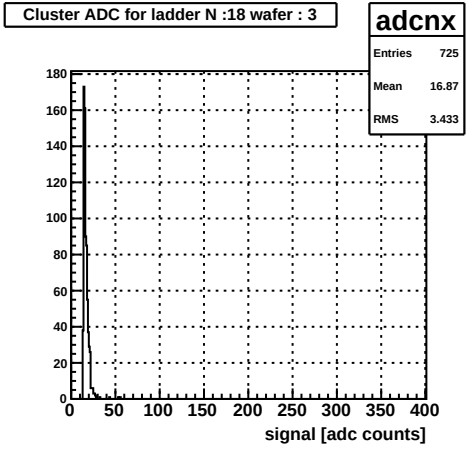

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2982
Mean 64.79
RMS 58.15
signal [adc counts]

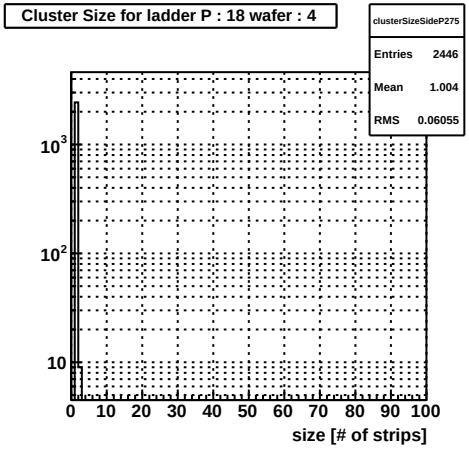

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

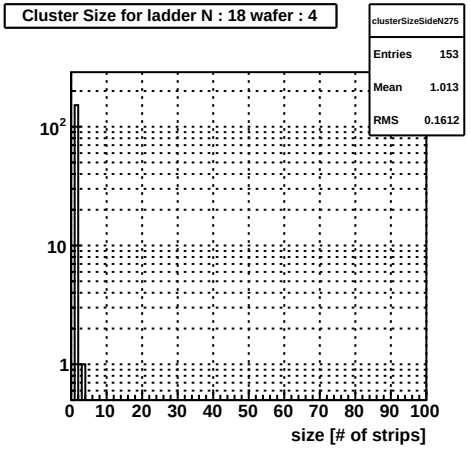

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 725
Mean 1.003
RMS 0.05245
size [# of strips]

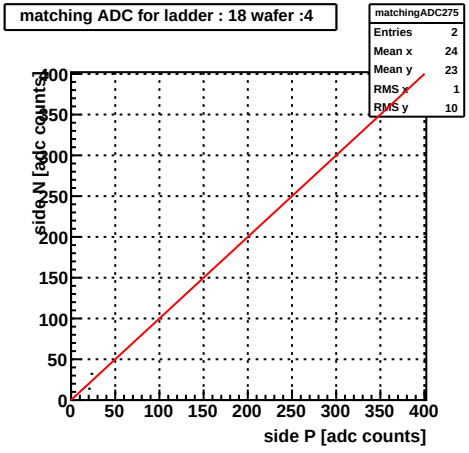

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

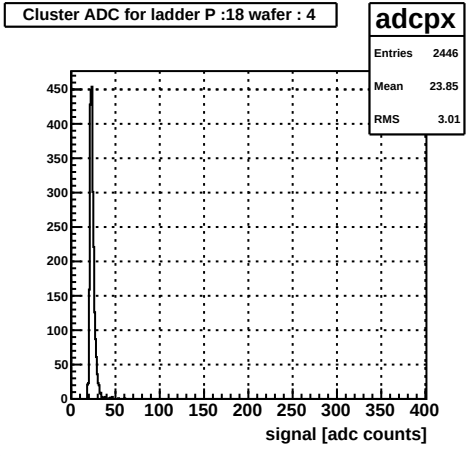

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

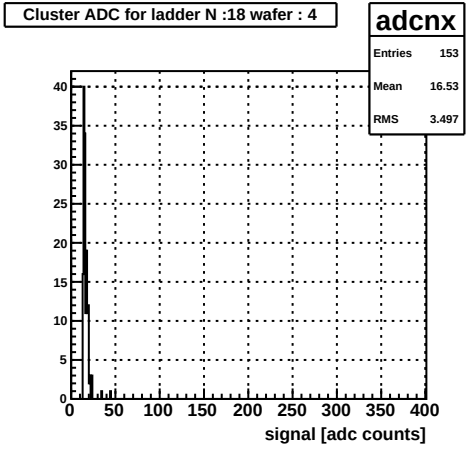

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 725
Mean 16.87
RMS 3.433
signal [adc counts]

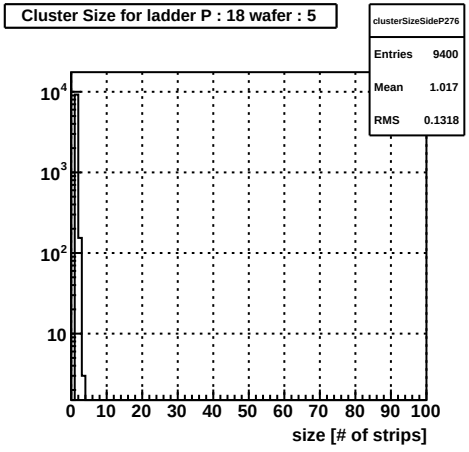

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2446
Mean 1.004
RMS 0.06055
size [# of strips]

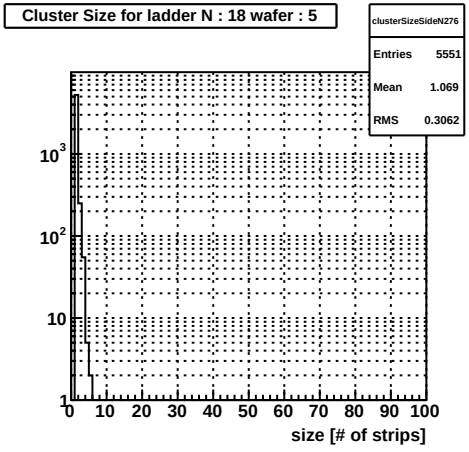

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 153
Mean 1.013
RMS 0.1612
size [# of strips]

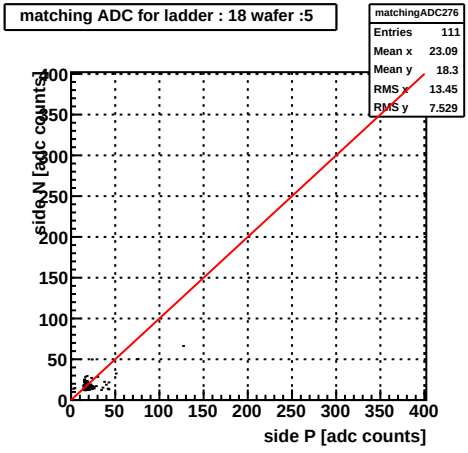

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 2
Mean x 24
Mean y 23
RMS x 1
RMS y 10
side N [adc counts]
side P [adc counts]

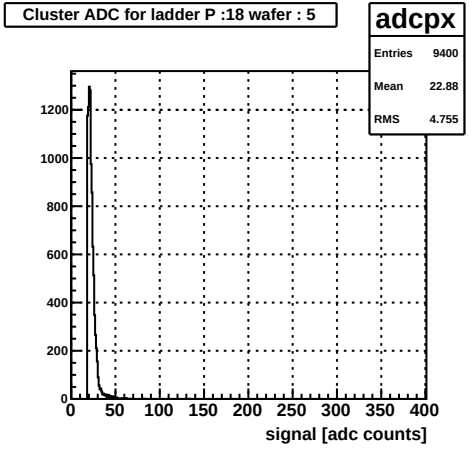

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2446
Mean 23.85
RMS 3.01
signal [adc counts]

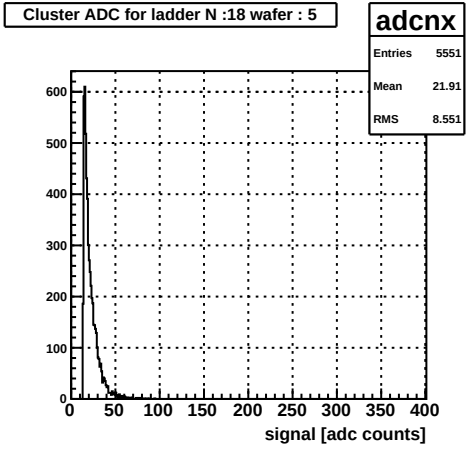

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 153
Mean 16.53
RMS 3.497
signal [adc counts]

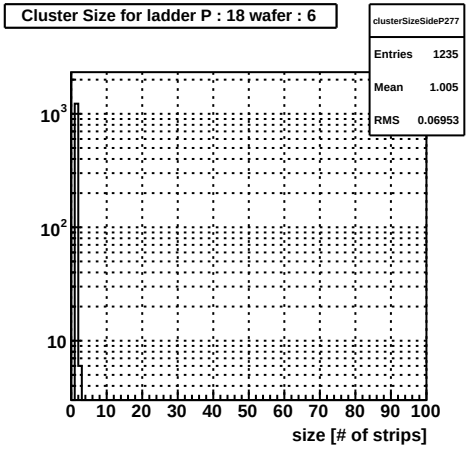

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 9400
Mean 1.017
RMS 0.1318
size [# of strips]

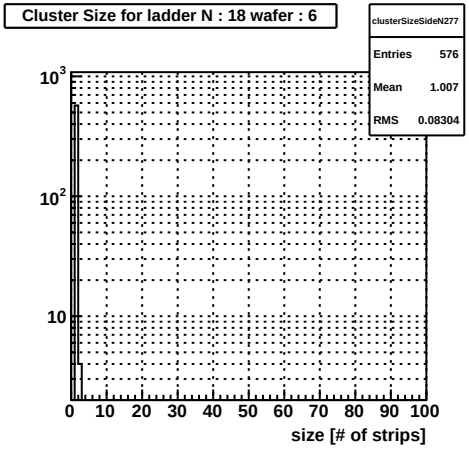

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5551
Mean 1.069
RMS 0.3062
size [# of strips]

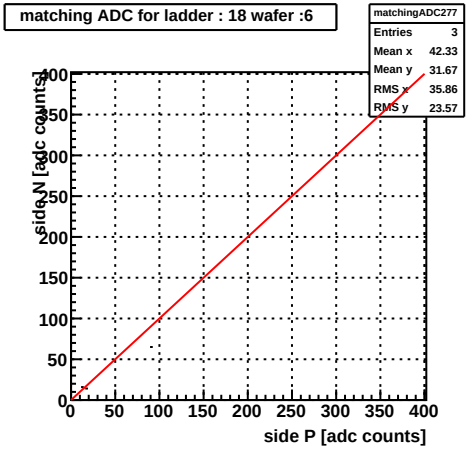

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 111
Mean x 23.09
Mean y 18.3
RMS x 13.45
RMS y 7.529
side N [adc counts]
side P [adc counts]

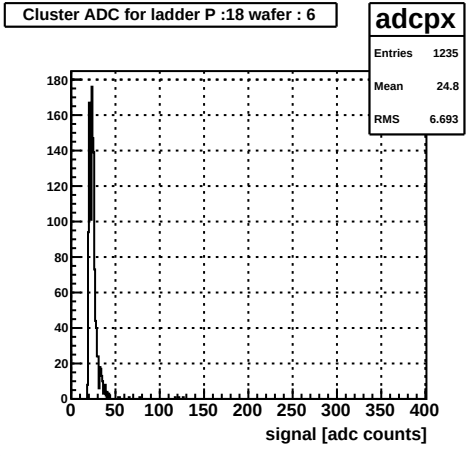

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 9400
Mean 22.88
RMS 4.755
signal [adc counts]

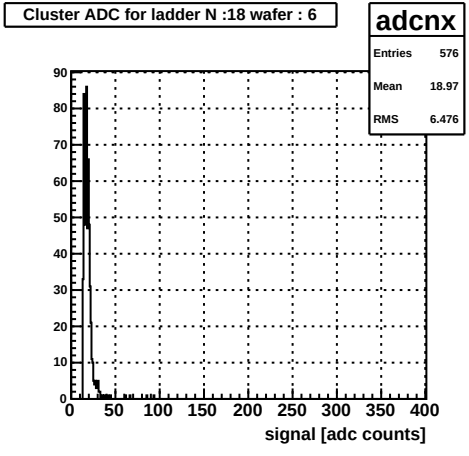

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5551
Mean 21.91
RMS 8.551
signal [adc counts]

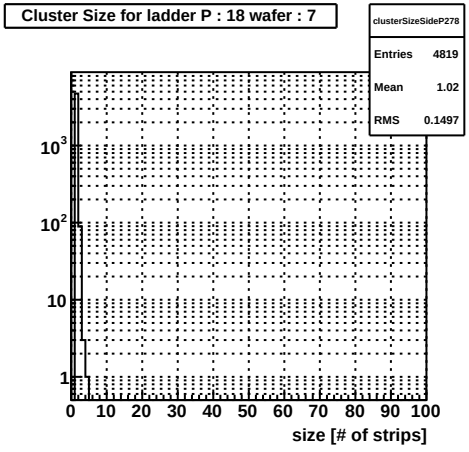

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1235
Mean 1.005
RMS 0.06953
size [# of strips]

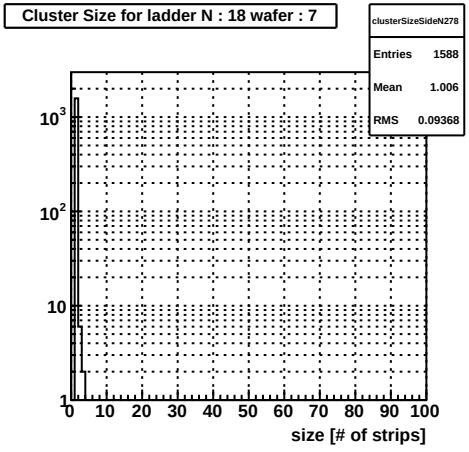

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 576
Mean 1.007
RMS 0.08304
size [# of strips]

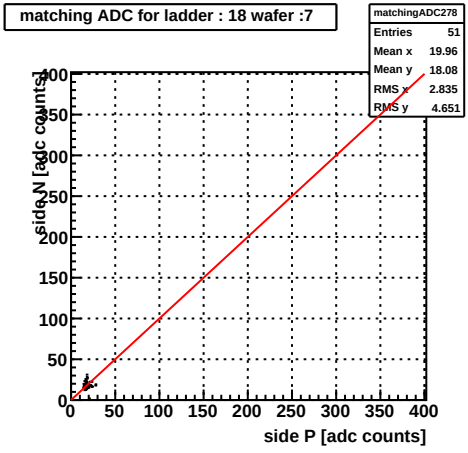

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 3
Mean x 42.33
Mean y 31.67
RMS x 35.86
RMS y 23.57
side N [adc counts]
side P [adc counts]

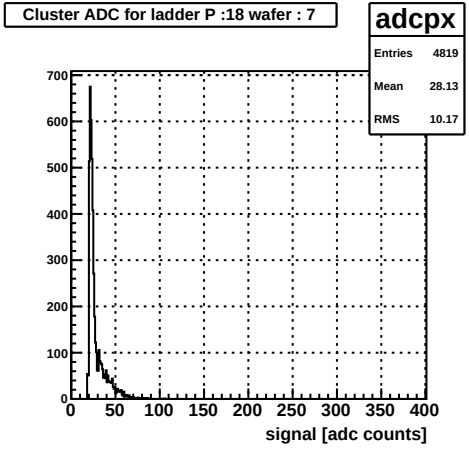

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1235
Mean 24.8
RMS 6.693
signal [adc counts]

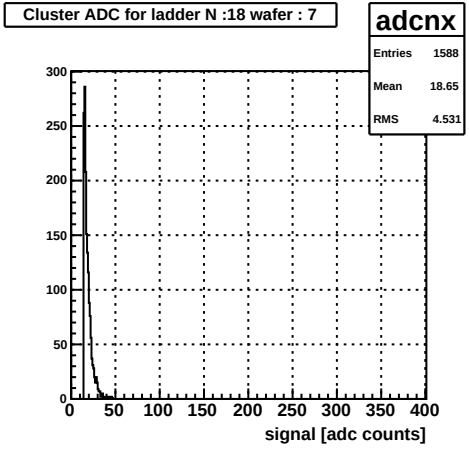

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 576
Mean 18.97
RMS 6.476
signal [adc counts]

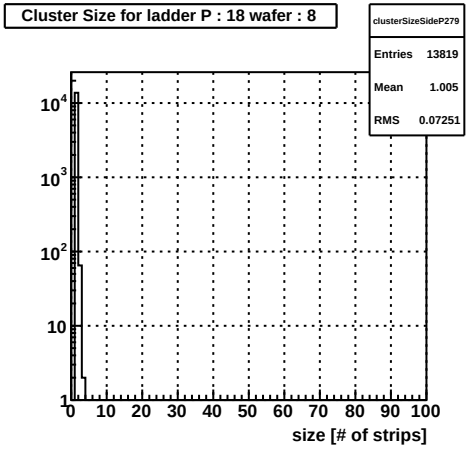

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4819
Mean 1.02
RMS 0.1497
size [# of strips]

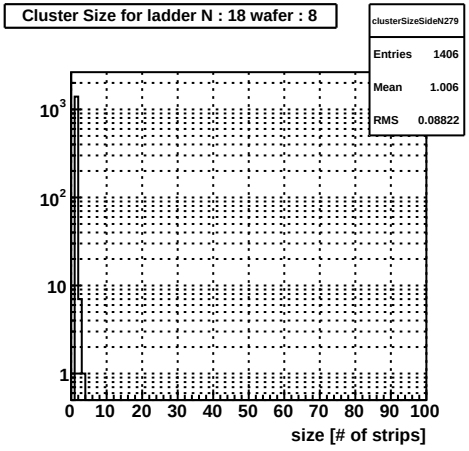

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1588
Mean 1.006
RMS 0.09368
size [# of strips]

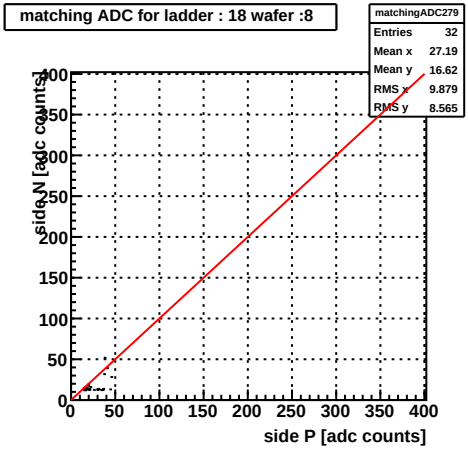

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 51
Mean x 19.96
Mean y 18.08
RMS x 2.835
RMS y 4.651
side N [adc counts]
side P [adc counts]

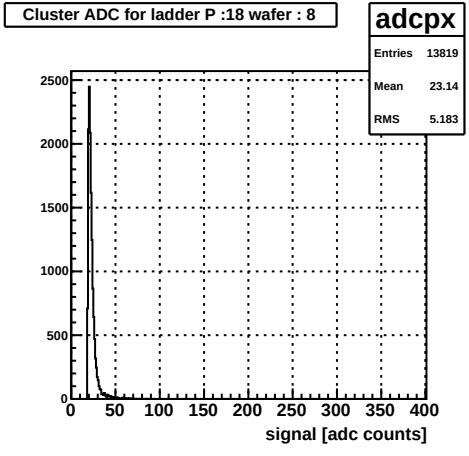

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4819
Mean 28.13
RMS 10.17
signal [adc counts]

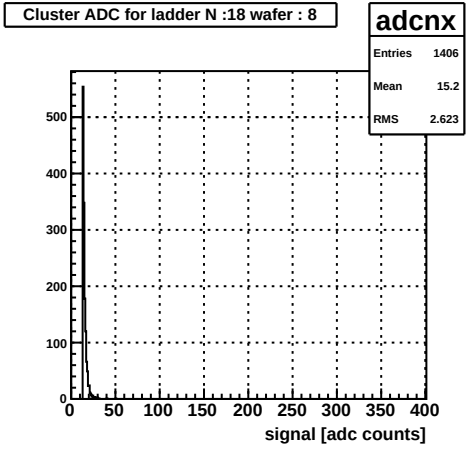

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1588
Mean 18.65
RMS 4.531
signal [adc counts]

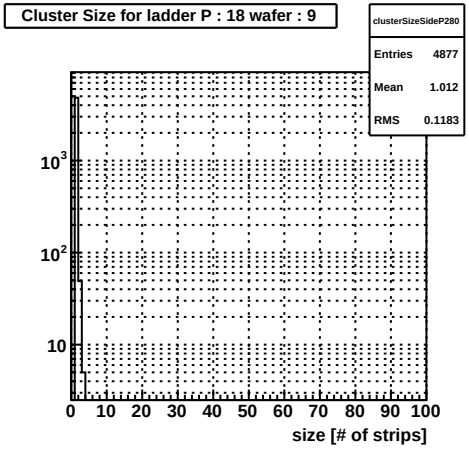

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13819
Mean 1.005
RMS 0.07251
size [# of strips]

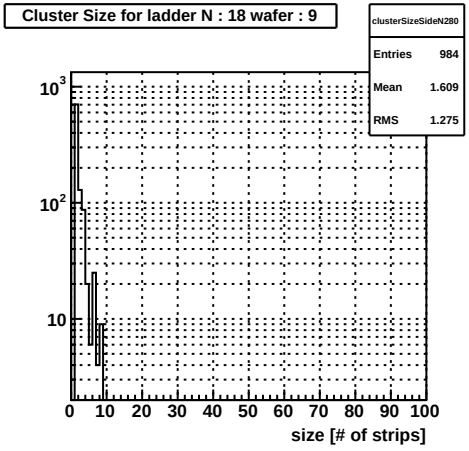

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1406
Mean 1.006
RMS 0.08822
size [# of strips]

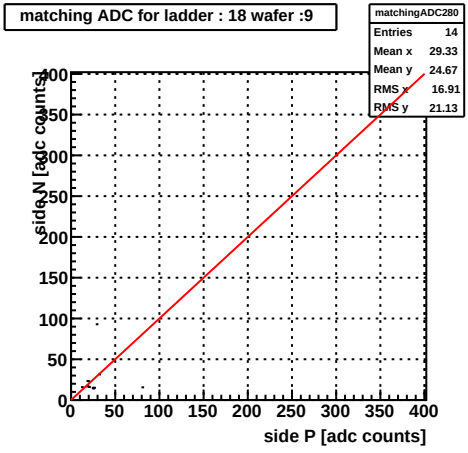

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 32
Mean x 27.19
Mean y 16.62
RMS x 9.879
RMS y 8.565
side N [adc counts]
side P [adc counts]

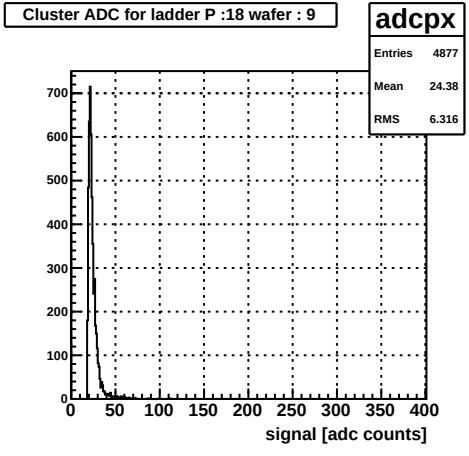

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13819
Mean 23.14
RMS 5.183
signal [adc counts]

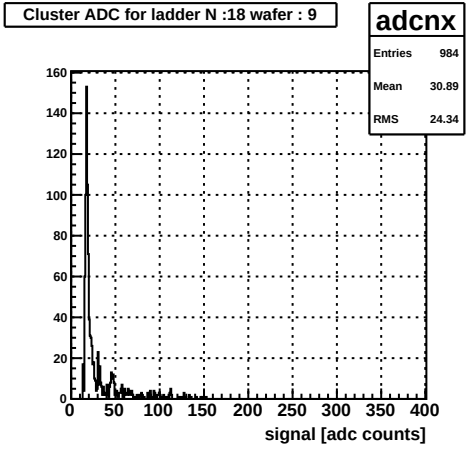

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1406
Mean 15.2
RMS 2.623
signal [adc counts]

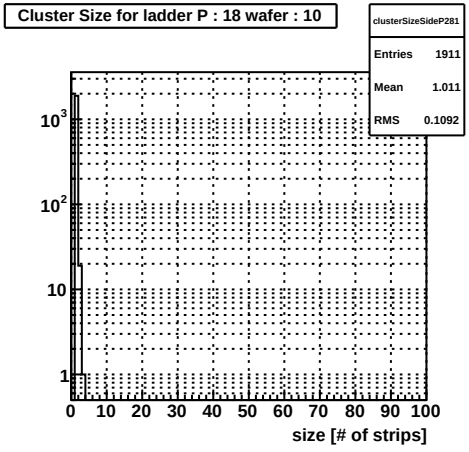

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 4877
Mean 1.012
RMS 0.1183
size [# of strips]

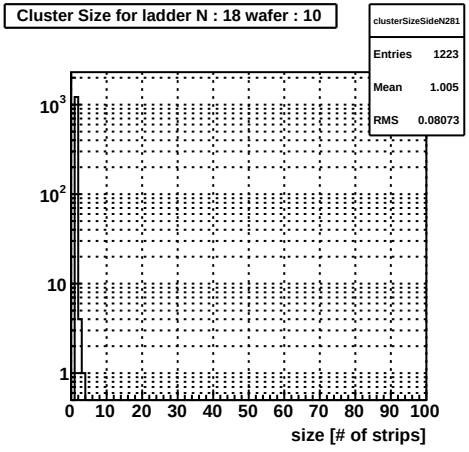

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 984
Mean 1.609
RMS 1.275
size [# of strips]

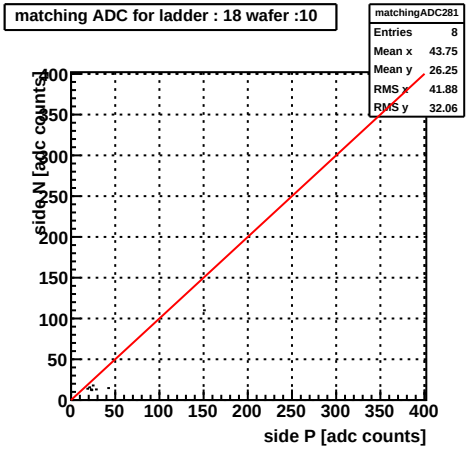

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 14
Mean x 29.33
Mean y 24.67
RMS x 16.91
RMS y 21.13
side N [adc counts]
side P [adc counts]

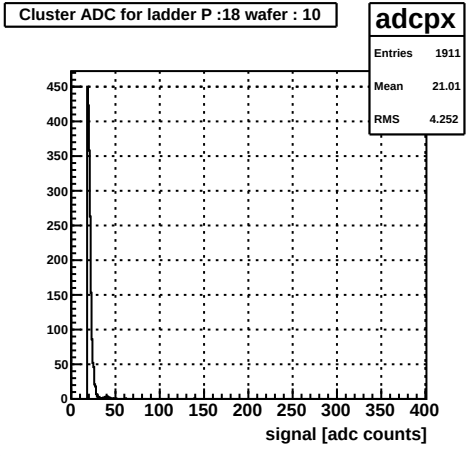

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 4877
Mean 24.38
RMS 6.316
signal [adc counts]

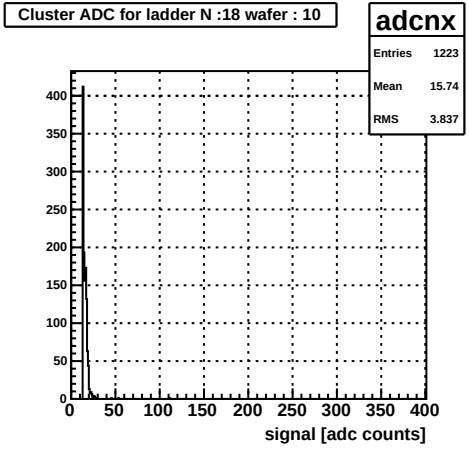

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 984
Mean 30.89
RMS 24.34
signal [adc counts]

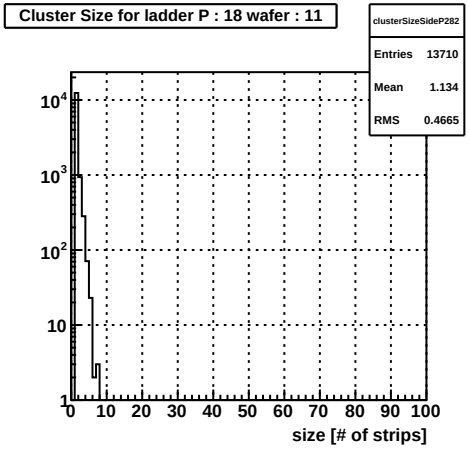

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 1911
Mean 1.011
RMS 0.1092
size [# of strips]

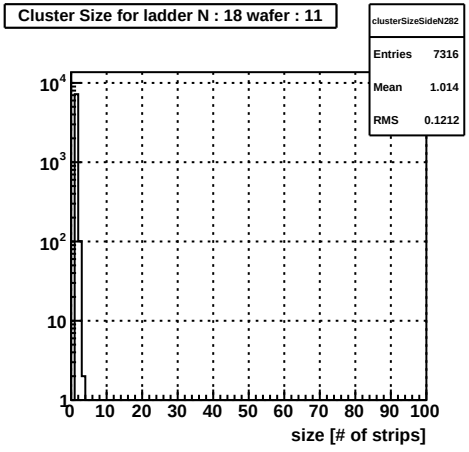

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1223
Mean 1.005
RMS 0.08073
size [# of strips]

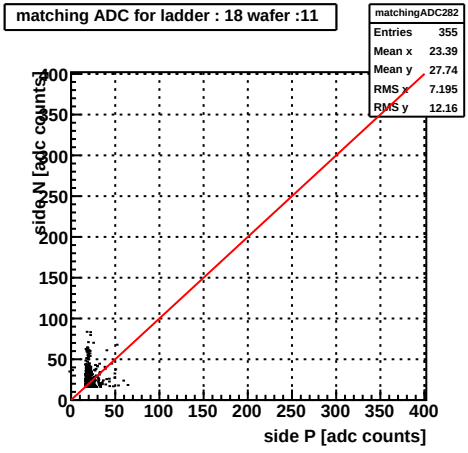

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 8
Mean x 43.75
Mean y 26.25
RMS x 41.88
RMS y 32.06
side N [adc counts]
side P [adc counts]

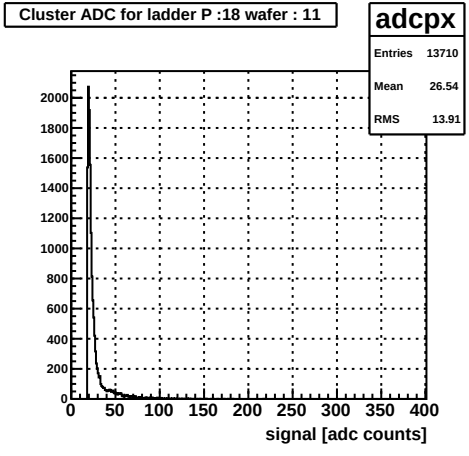

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 1911
Mean 21.01
RMS 4.252
signal [adc counts]

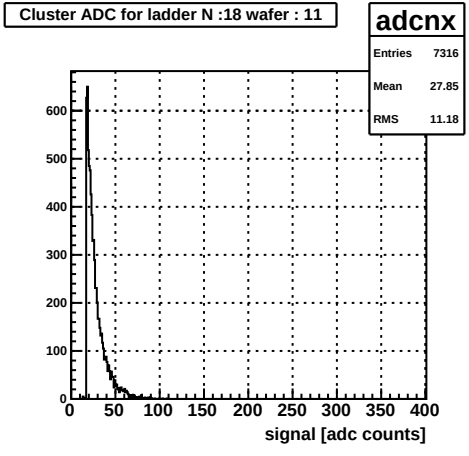

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1223
Mean 15.74
RMS 3.837
signal [adc counts]

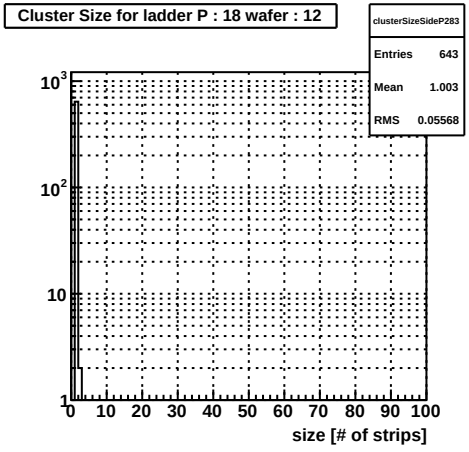

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13710
Mean 1.134
RMS 0.4665
size [# of strips]

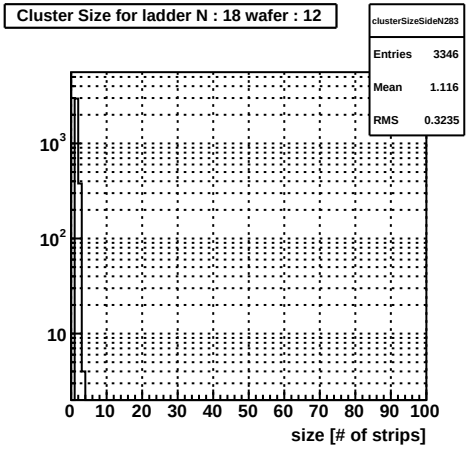

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7316
Mean 1.014
RMS 0.1212
size [# of strips]

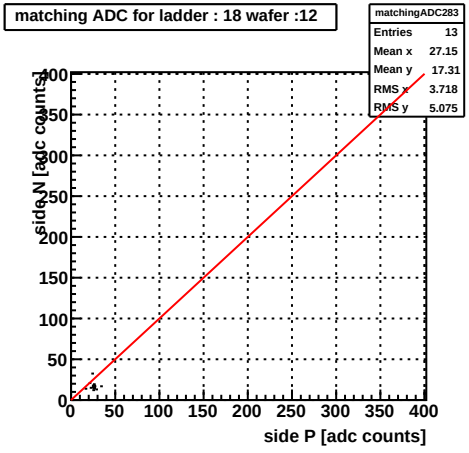

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 355
Mean x 23.39
Mean y 27.74
RMS x 7.195
RMS y 12.16
side N [adc counts]
side P [adc counts]

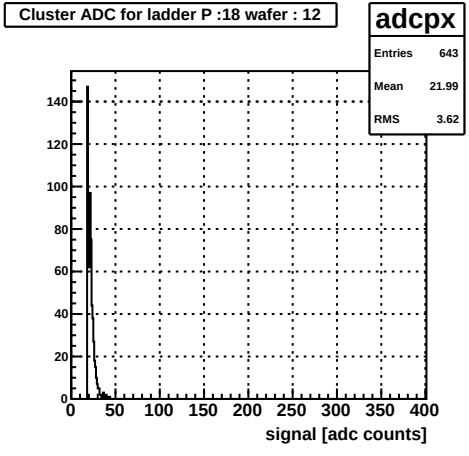

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13710
Mean 26.54
RMS 13.91
signal [adc counts]

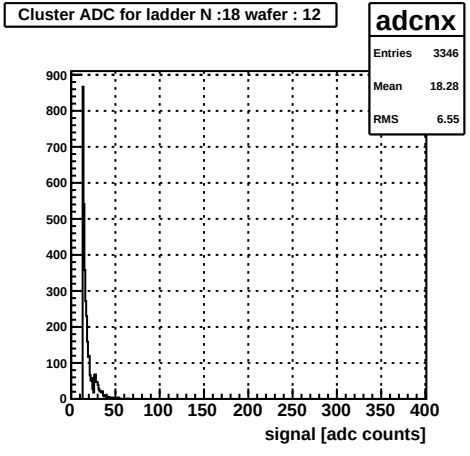

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7316
Mean 27.85
RMS 11.18
signal [adc counts]

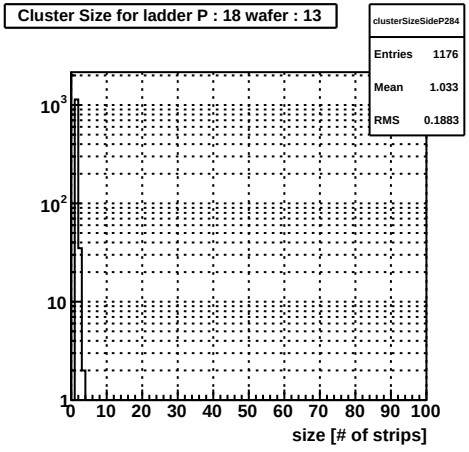

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 643
Mean 1.003
RMS 0.05568
size [# of strips]

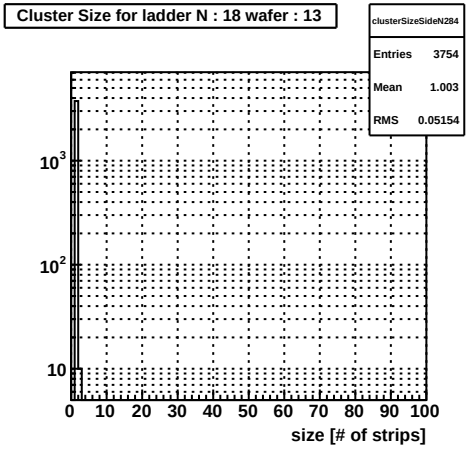

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3346
Mean 1.116
RMS 0.3235
size [# of strips]

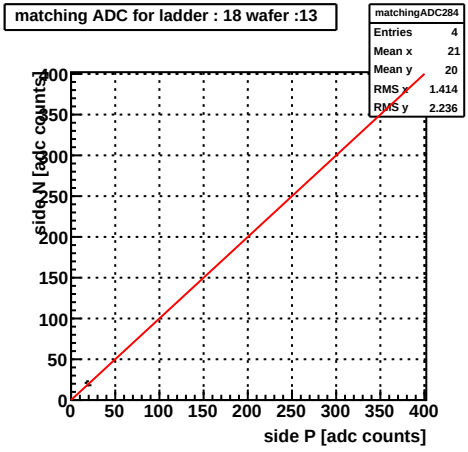

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 13
Mean x 27.15
Mean y 17.31
RMS x 3.718
RMS y 5.075
side N [adc counts]
side P [adc counts]

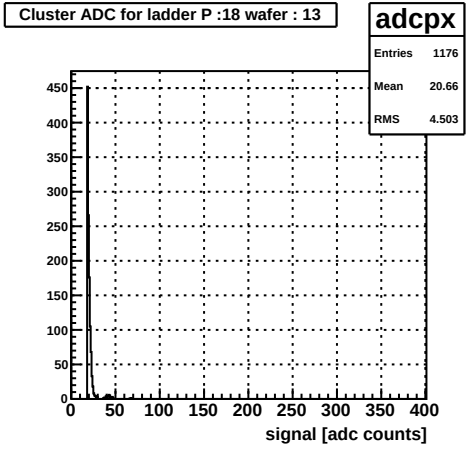

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 643
Mean 21.99
RMS 3.62
signal [adc counts]

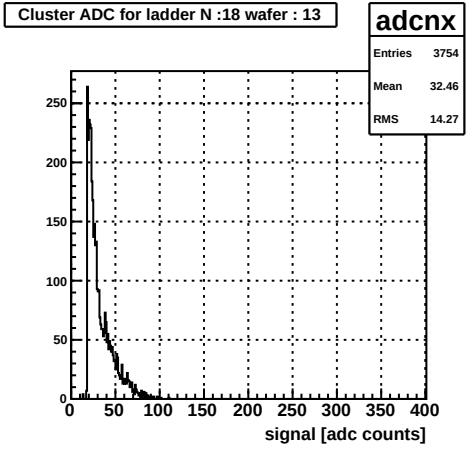

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3346
Mean 18.28
RMS 6.55
signal [adc counts]

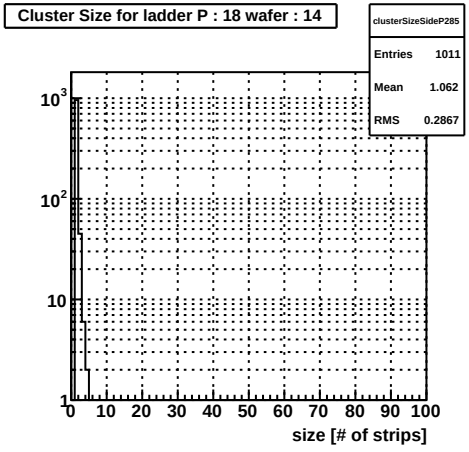

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1176
Mean 1.033
RMS 0.1883
size [# of strips]

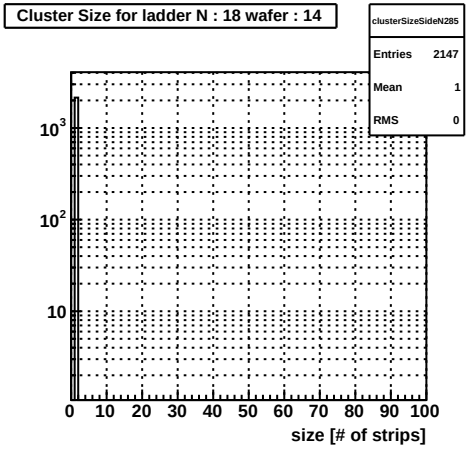

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3754
Mean 1.003
RMS 0.05154
size [# of strips]

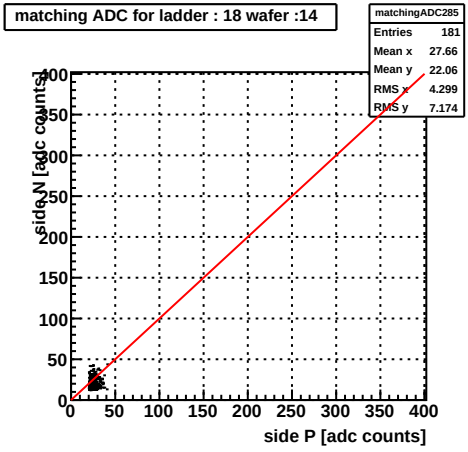

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 4
Mean x 21
Mean y 20
RMS x 1.414
RMS y 2.236
side N [adc counts]
side P [adc counts]

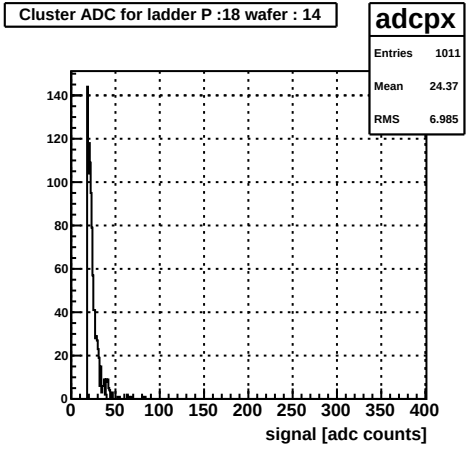

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1176
Mean 20.66
RMS 4.503
signal [adc counts]

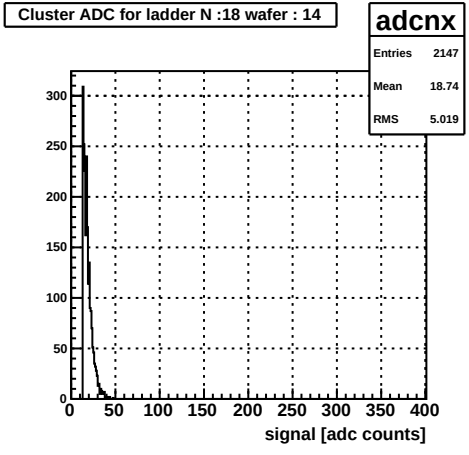

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3754
Mean 32.46
RMS 14.27
signal [adc counts]

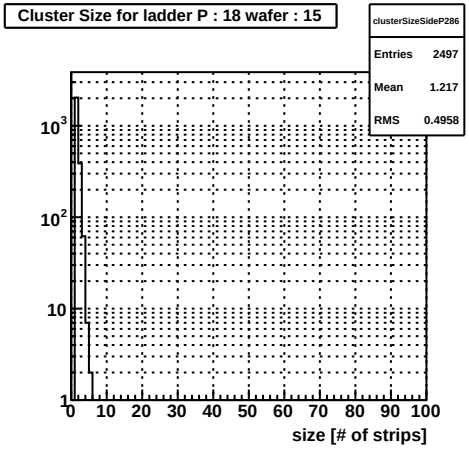

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1011
Mean 1.062
RMS 0.2867
size [# of strips]

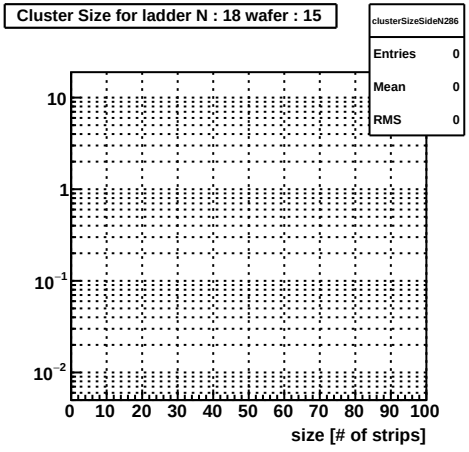

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2147
Mean 1
RMS 0
size [# of strips]

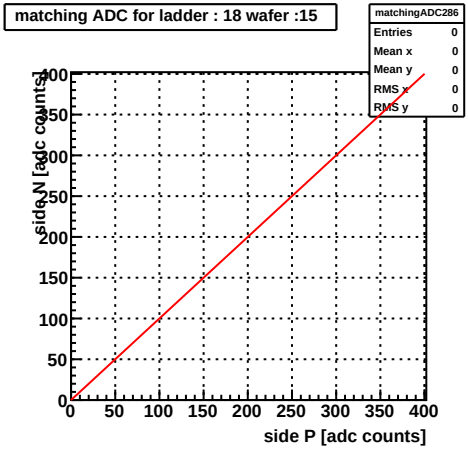

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 181
Mean x 27.66
Mean y 22.06
RMS x 4.299
RMS y 7.174
side N [adc counts]
side P [adc counts]

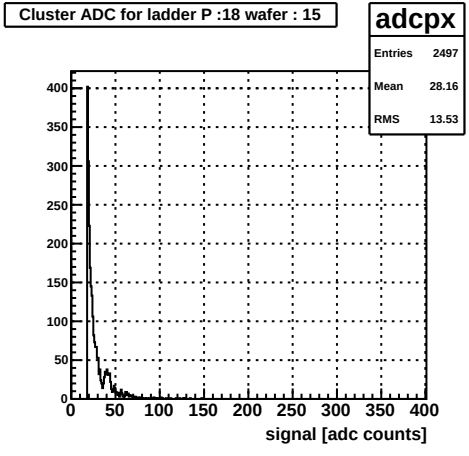

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1011
Mean 24.37
RMS 6.985
signal [adc counts]

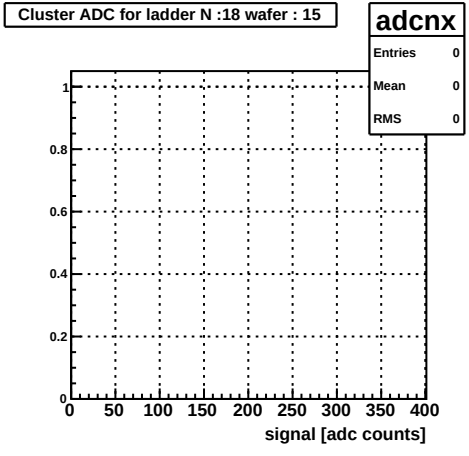

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2147
Mean 18.74
RMS 5.019
signal [adc counts]

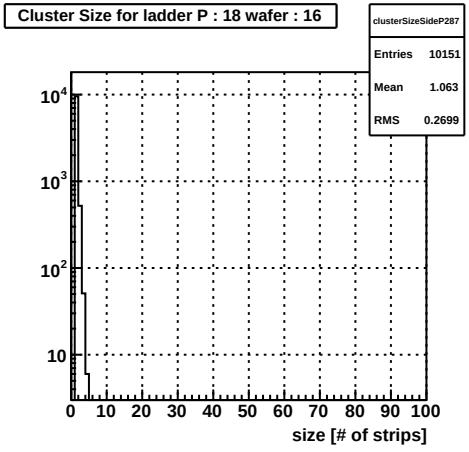

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 2497
Mean 1.217
RMS 0.4958
size [# of strips]

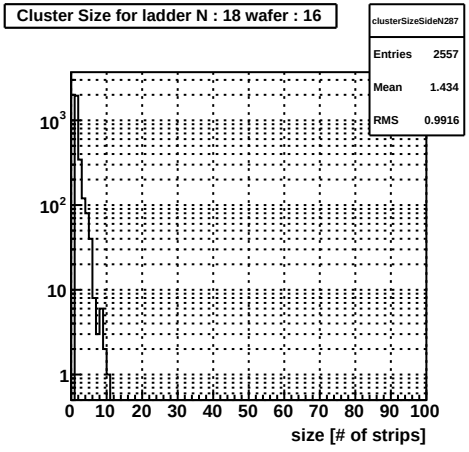

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 0
Mean 0
RMS 0
size [# of strips]

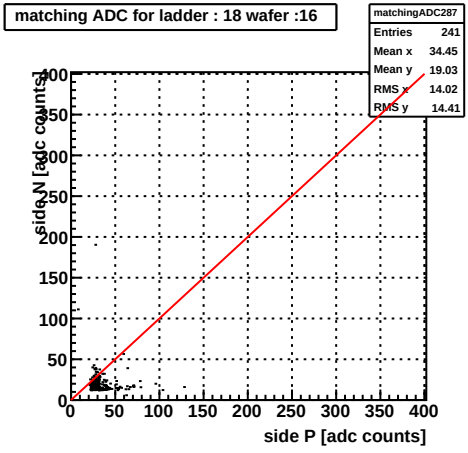

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

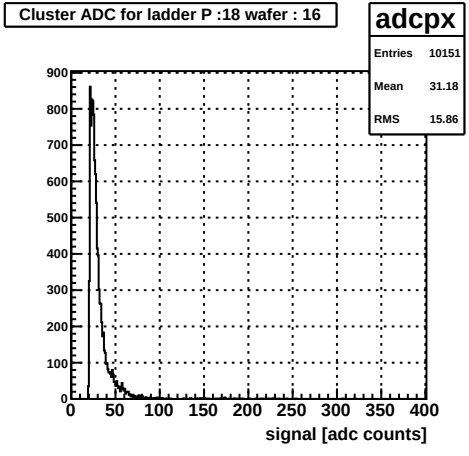

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 2497
Mean 28.16
RMS 13.53
signal [adc counts]

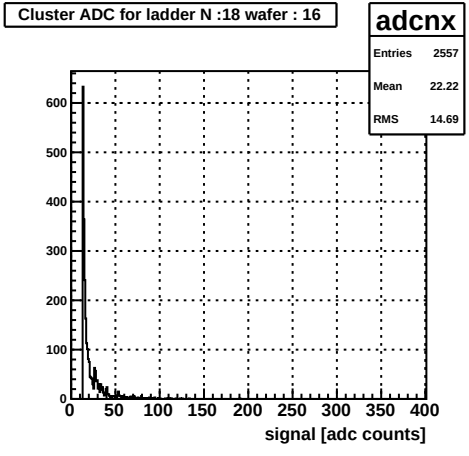

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

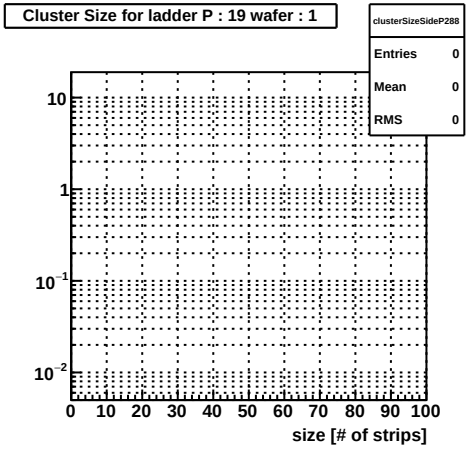

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 10151
Mean 1.063
RMS 0.2699
size [# of strips]

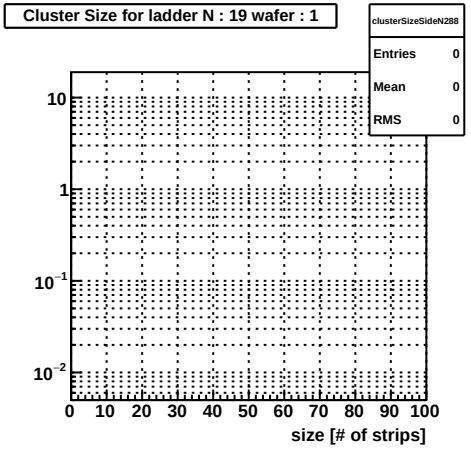

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2557
Mean 1.434
RMS 0.9916
size [# of strips]

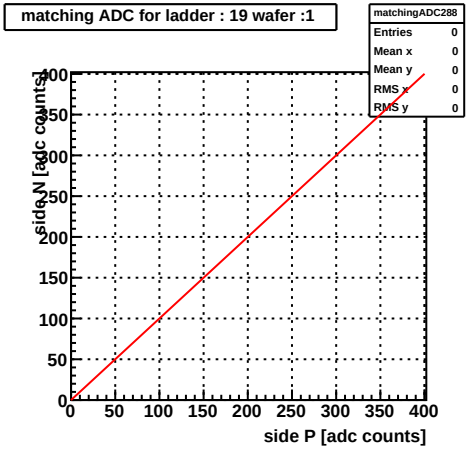

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 241
Mean x 34.45
Mean y 19.03
RMS x 14.02
RMS y 14.41
side N [adc counts]
side P [adc counts]

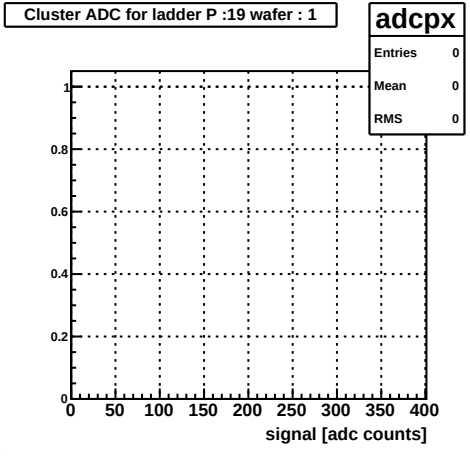

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 10151
Mean 31.18
RMS 15.86
signal [adc counts]

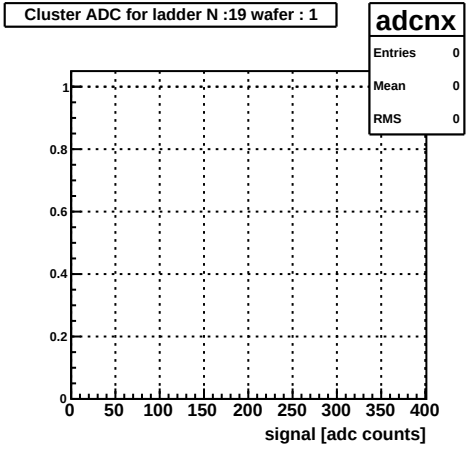

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2557
Mean 22.22
RMS 14.69
signal [adc counts]

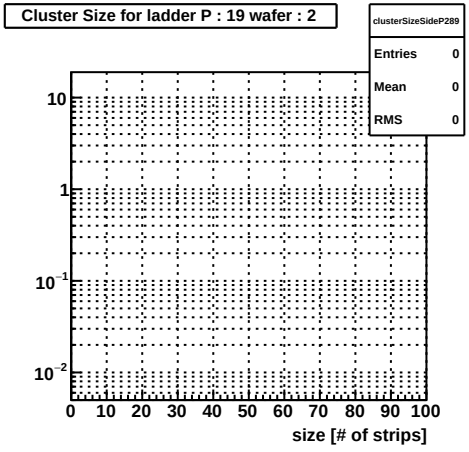

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

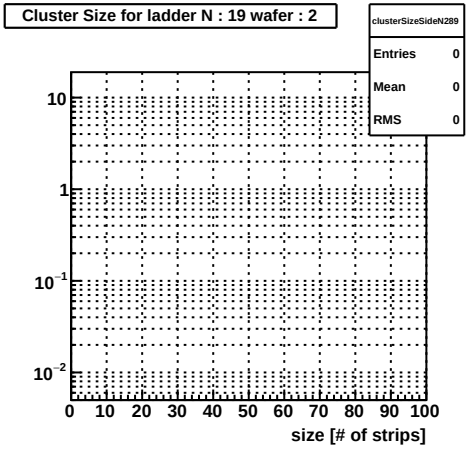

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

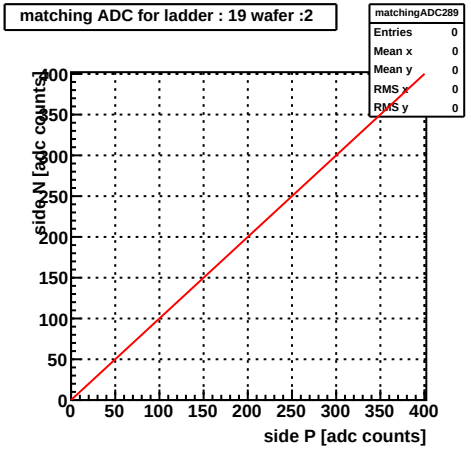

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

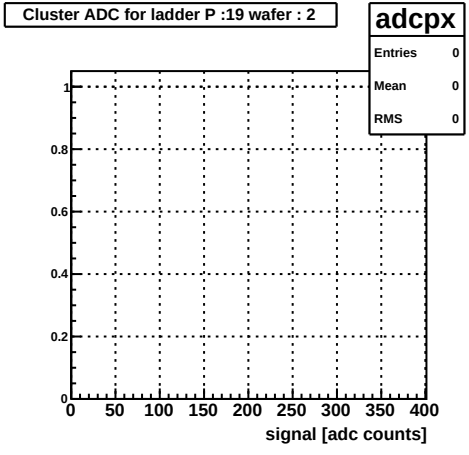

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

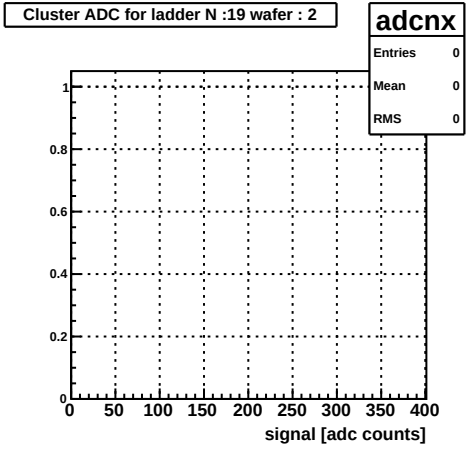

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

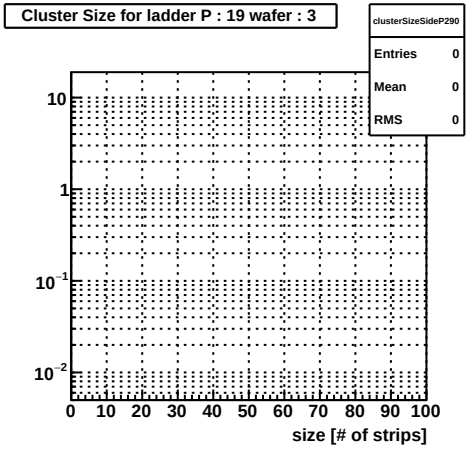

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

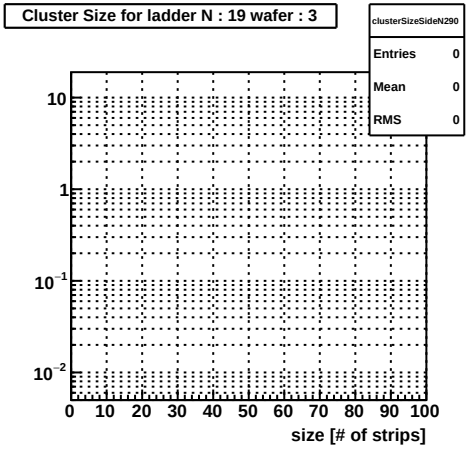

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

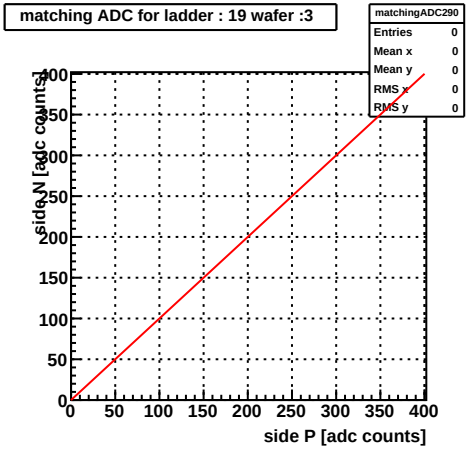

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

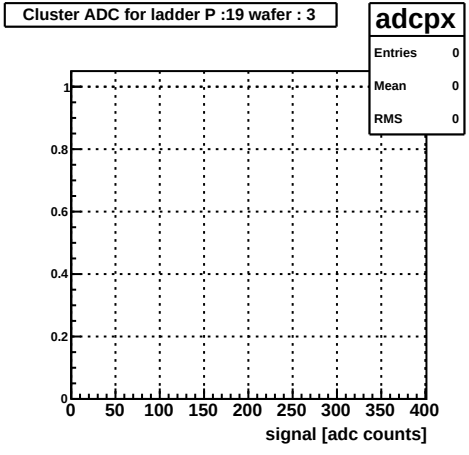

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

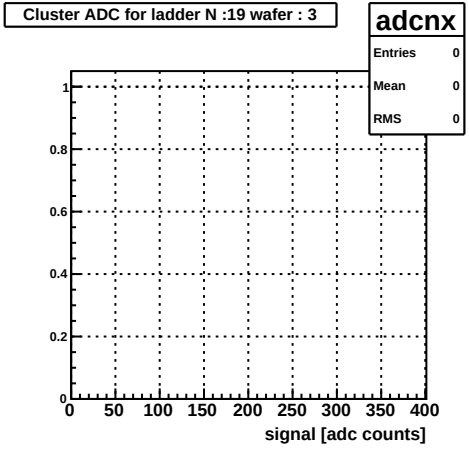

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

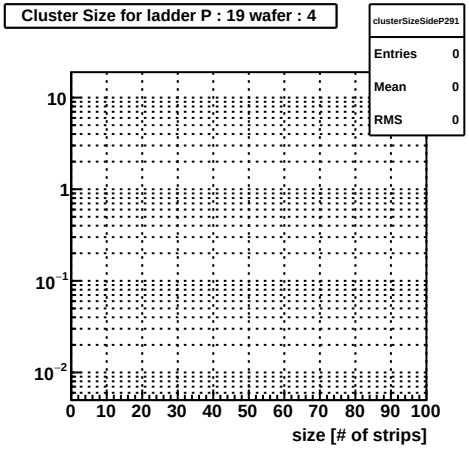

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

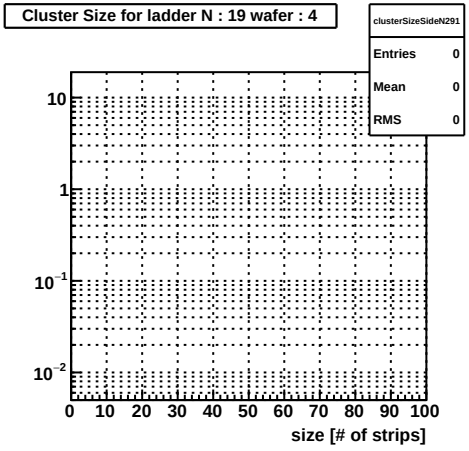

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

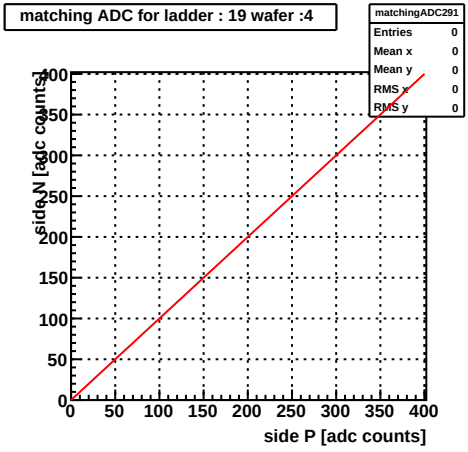

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

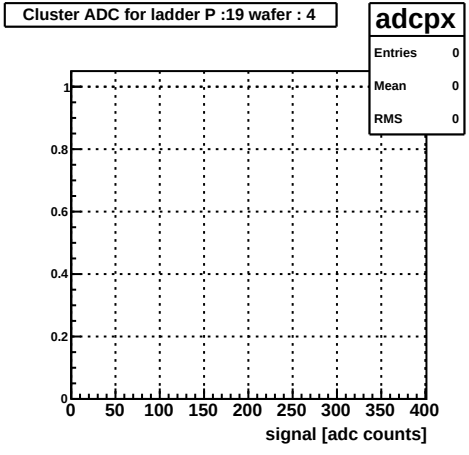

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

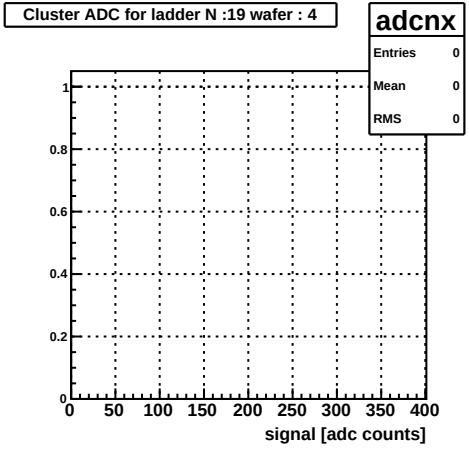

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

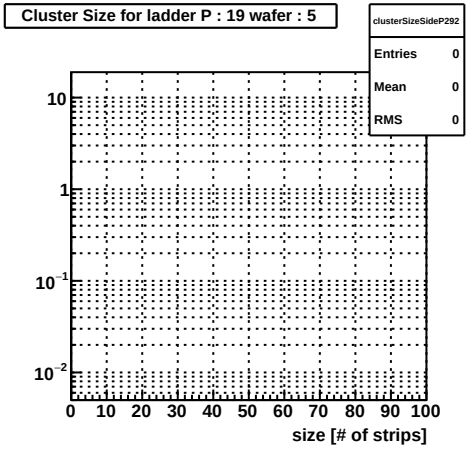

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

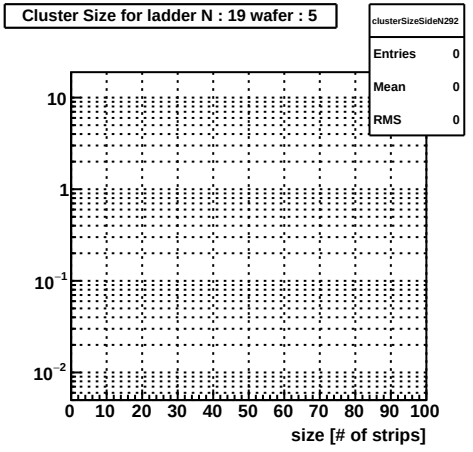

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

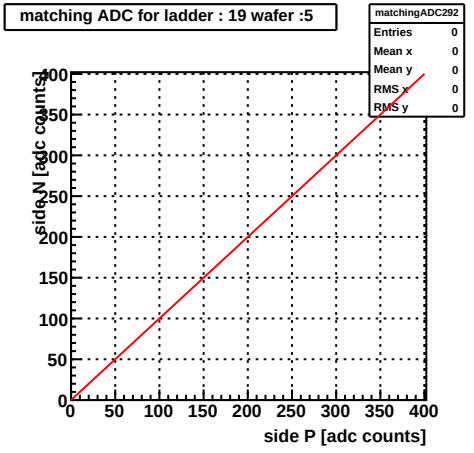

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

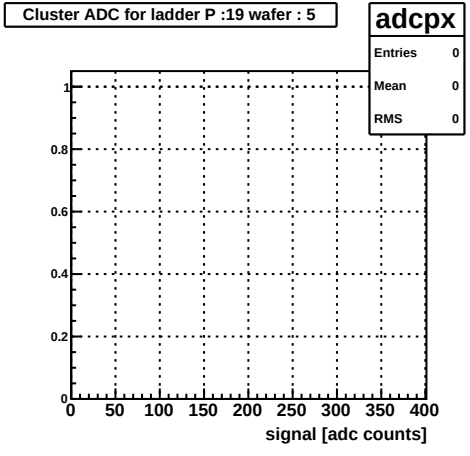

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

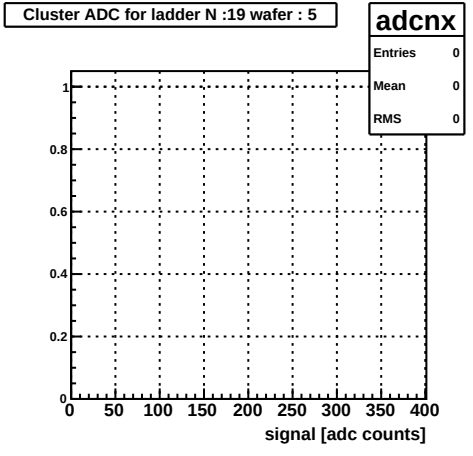

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

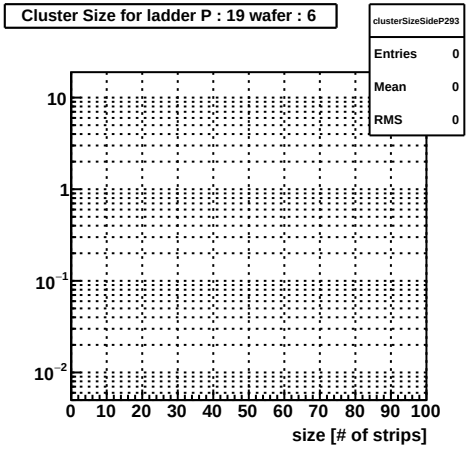

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

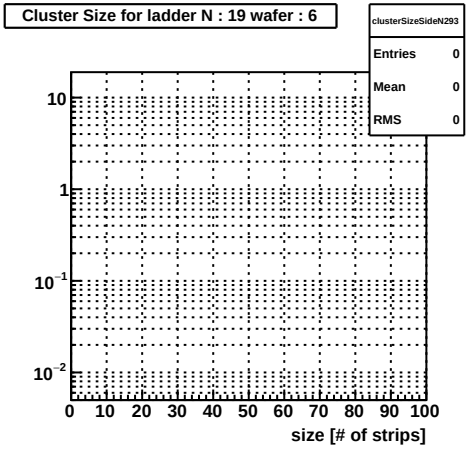

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

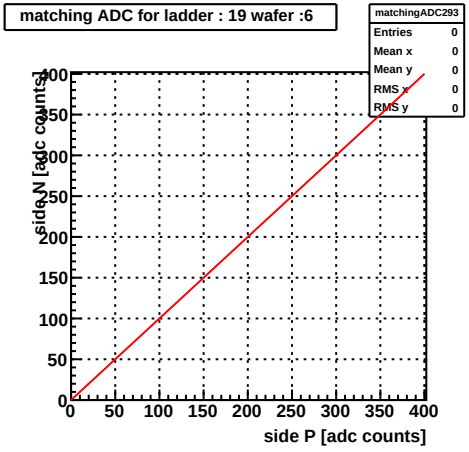

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

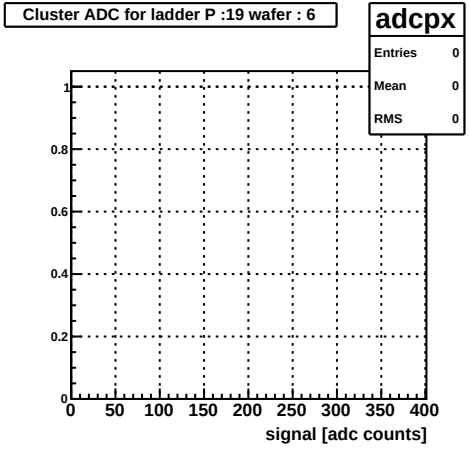

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

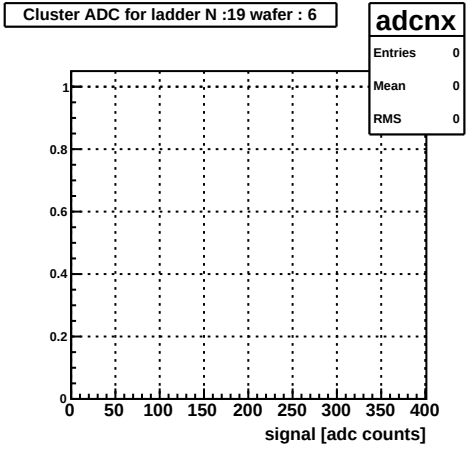

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

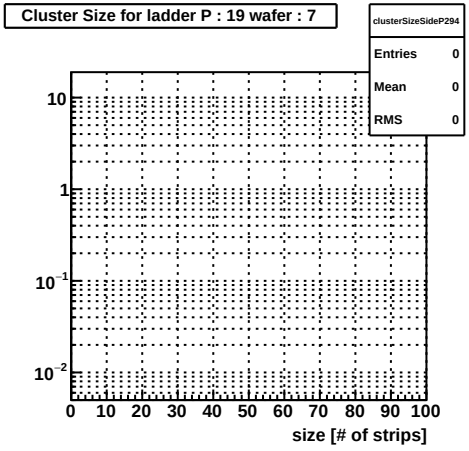

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

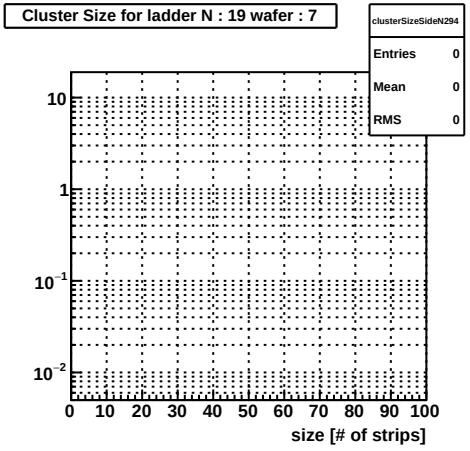

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

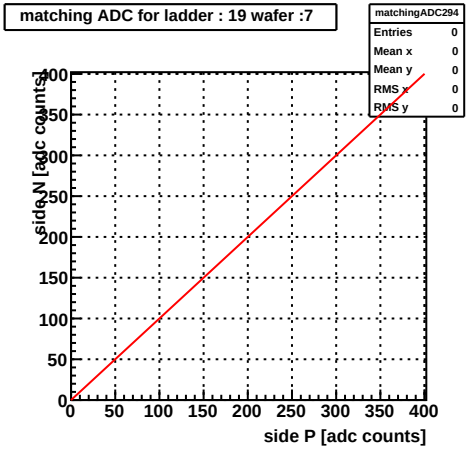

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

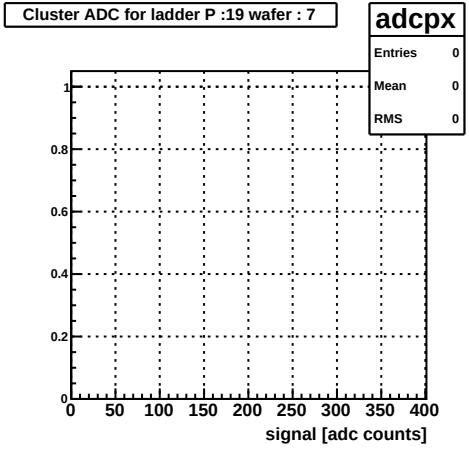

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

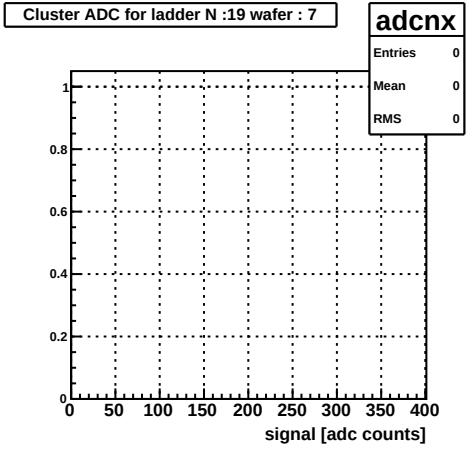

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

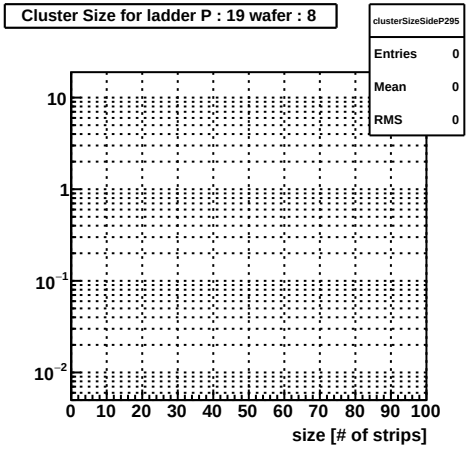

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

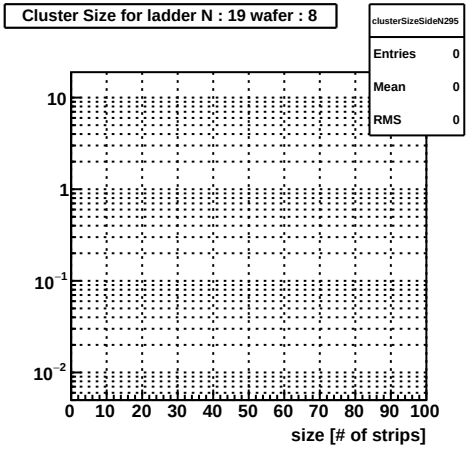

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

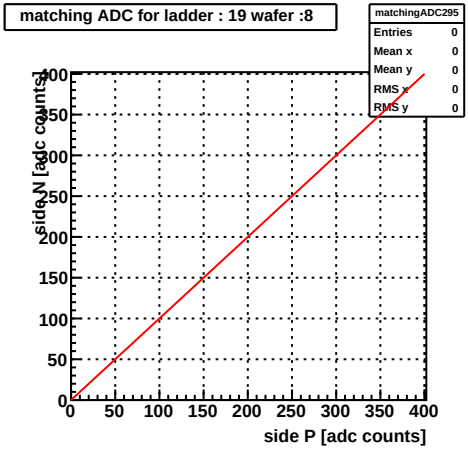

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

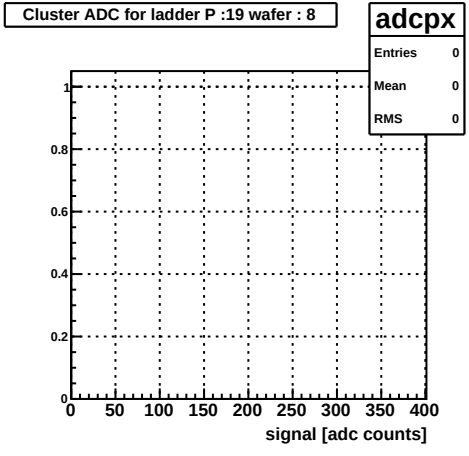

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

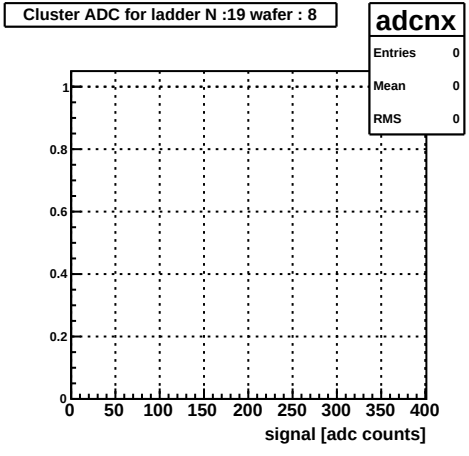

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

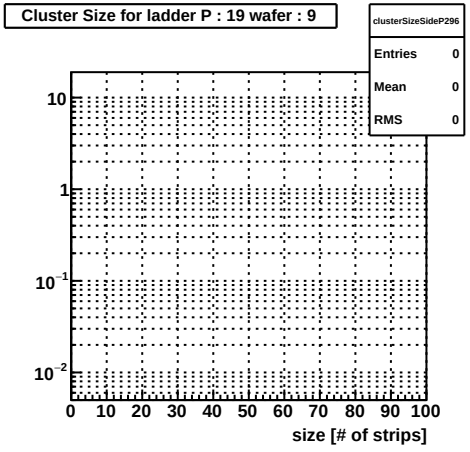

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

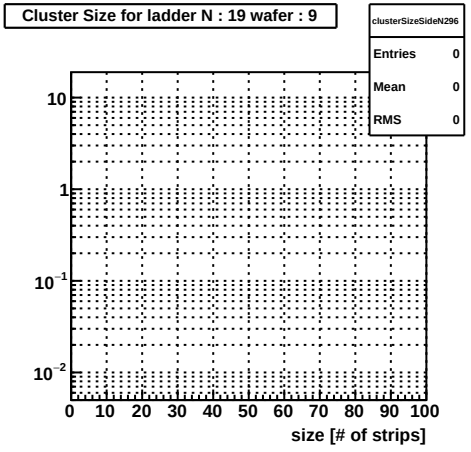

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

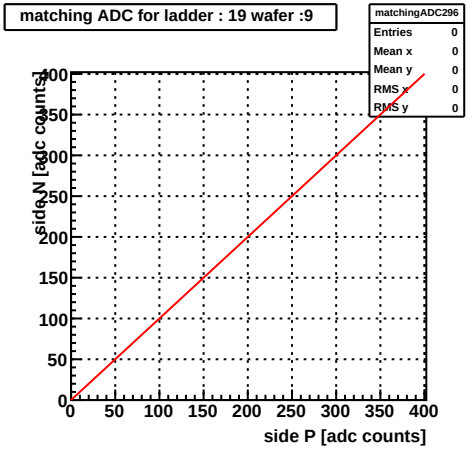

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

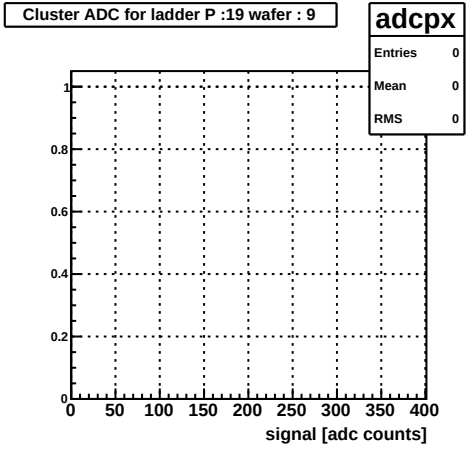

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

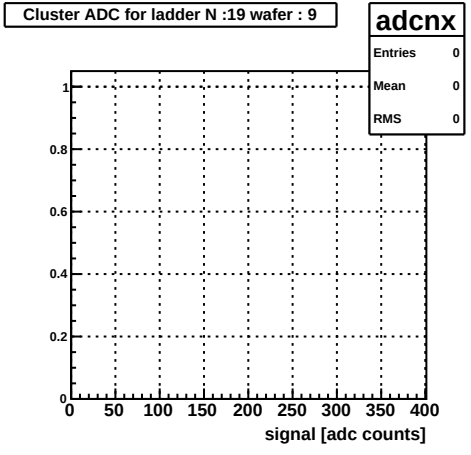

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

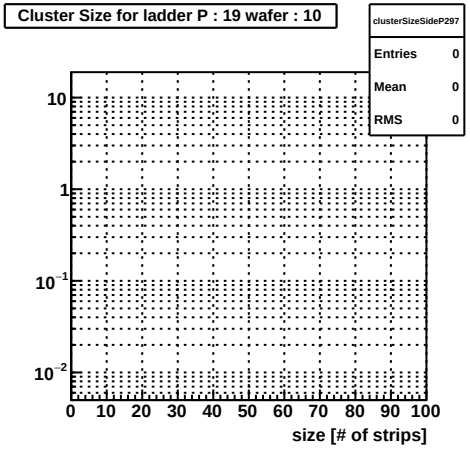

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

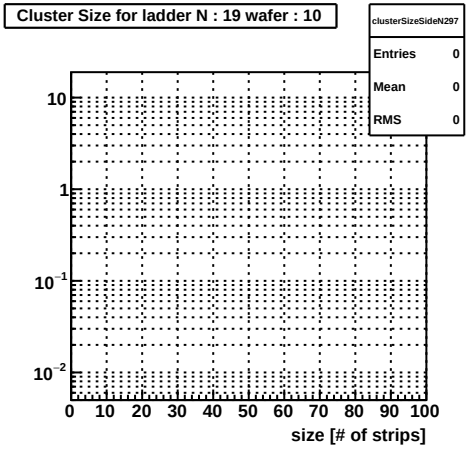

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

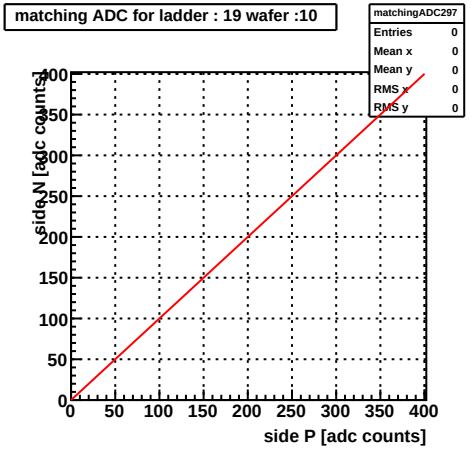

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

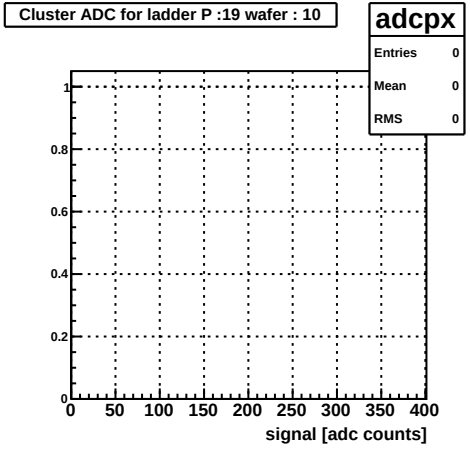

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

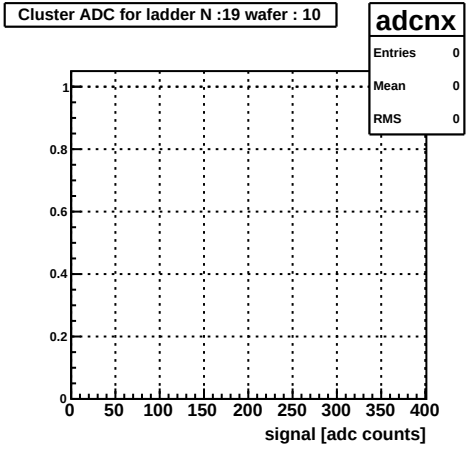

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

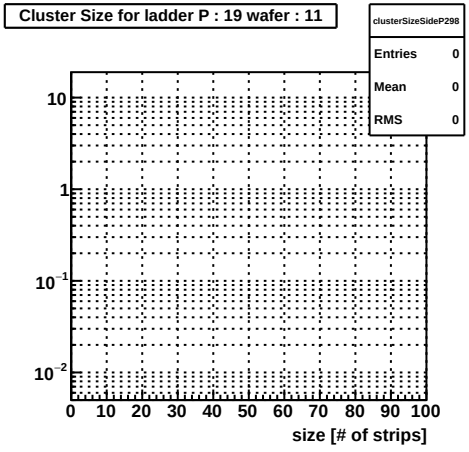

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

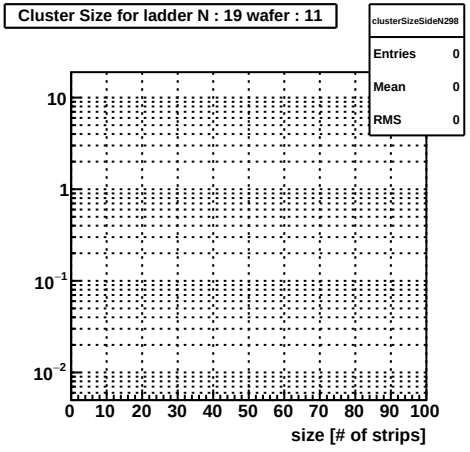

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

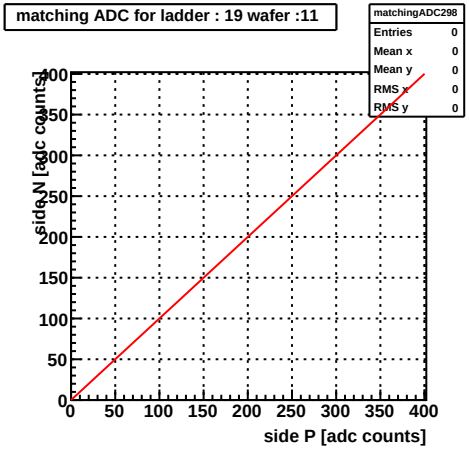

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

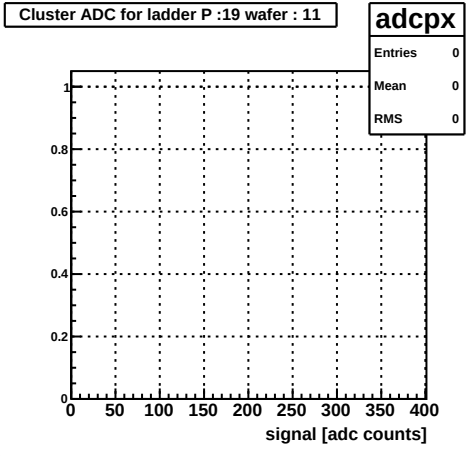

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

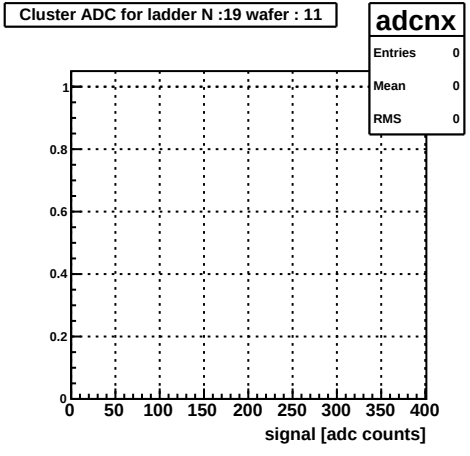

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

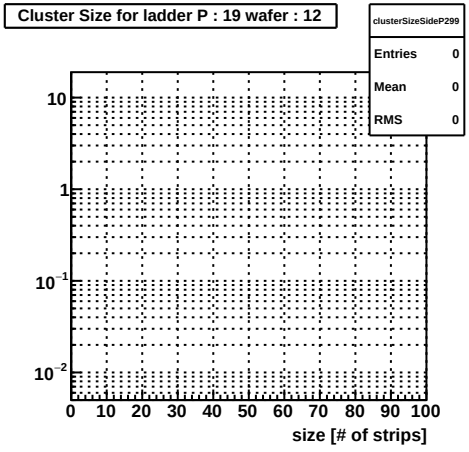

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

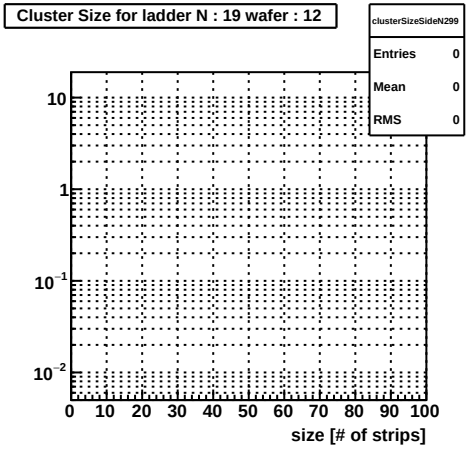

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

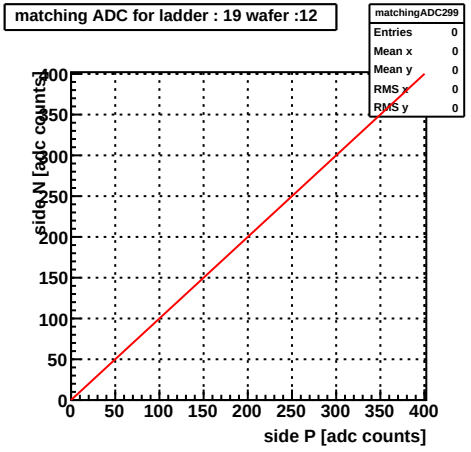

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

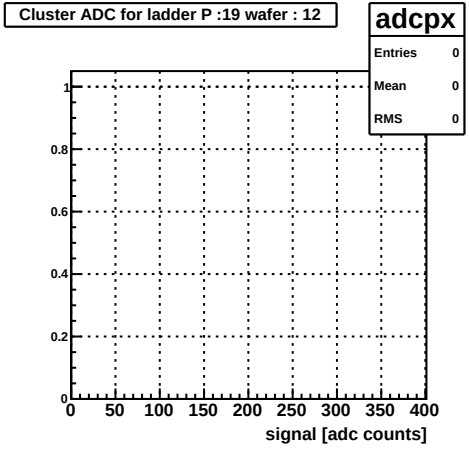

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

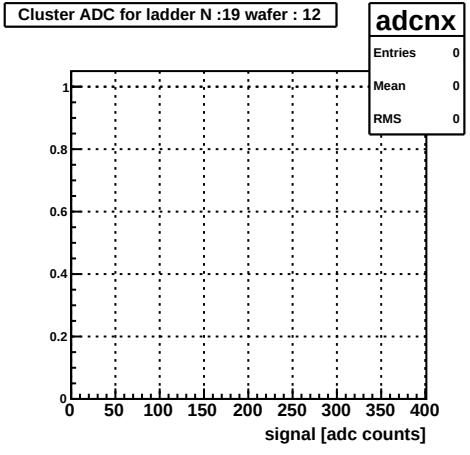

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

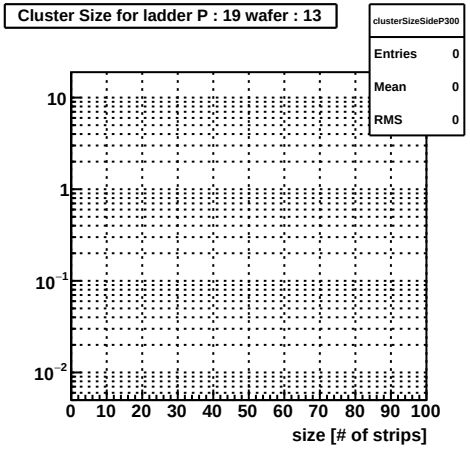

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

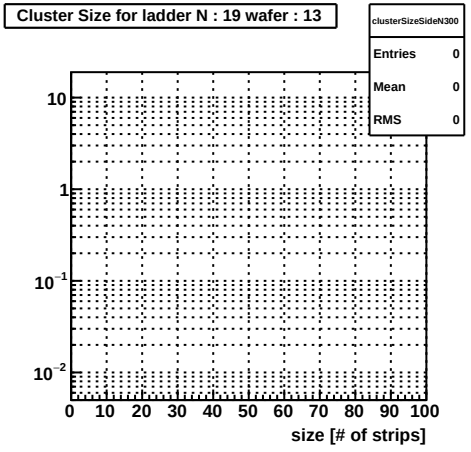

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

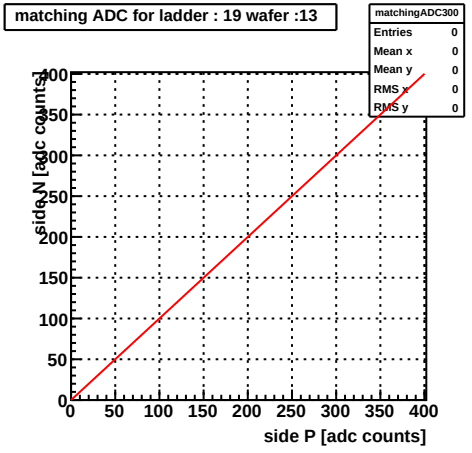

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

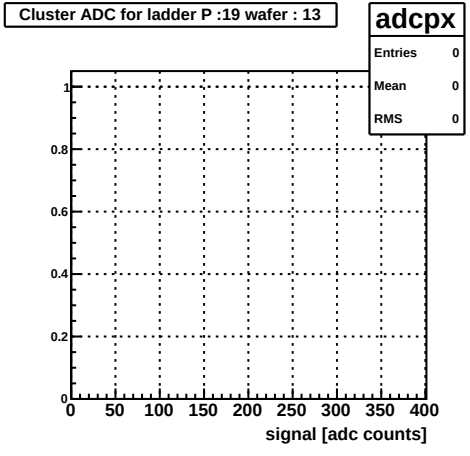

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

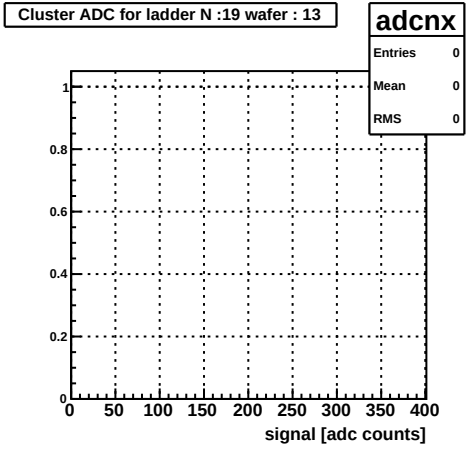

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

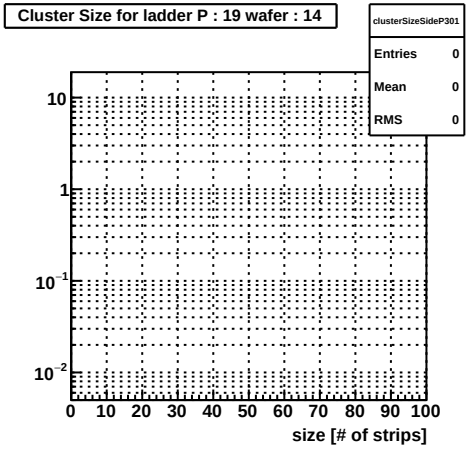

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

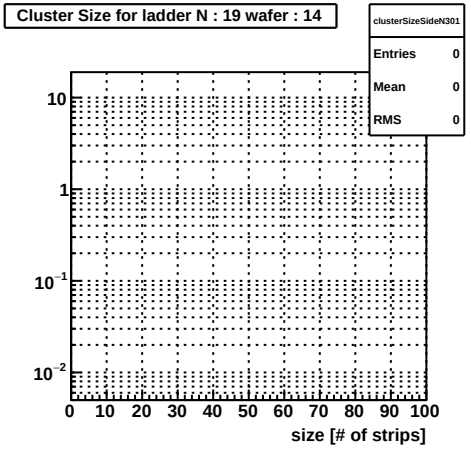

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

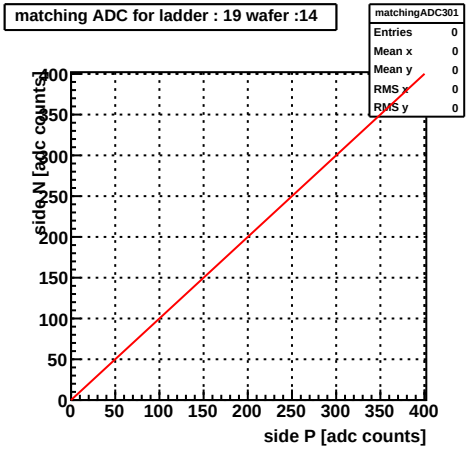

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

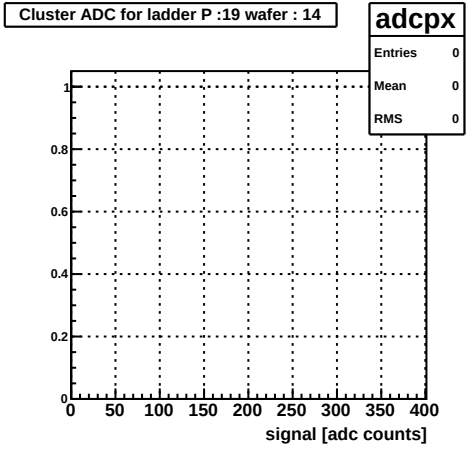

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

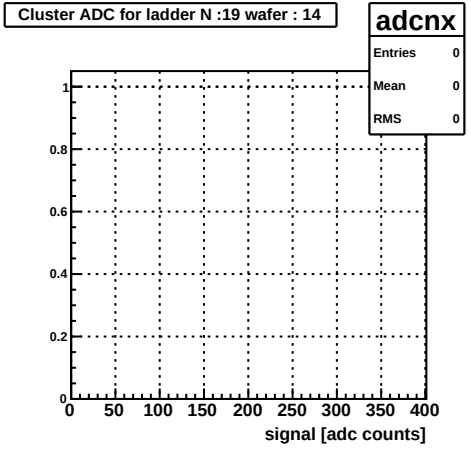

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

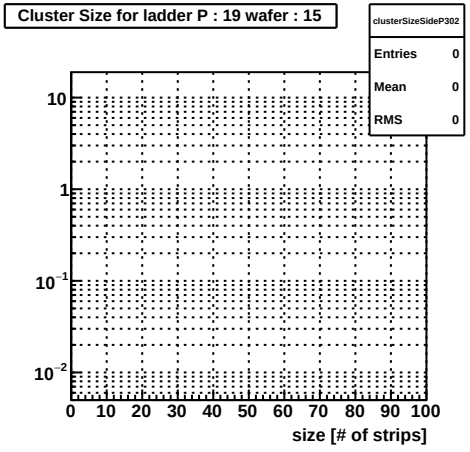

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

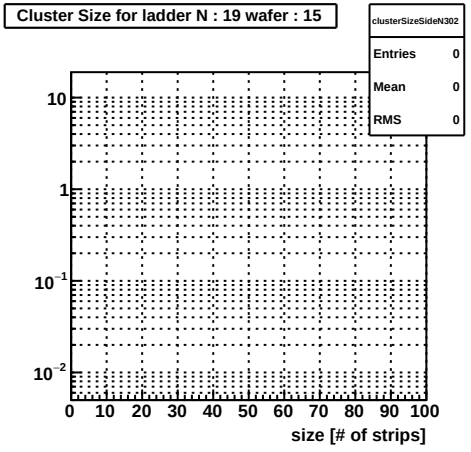

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

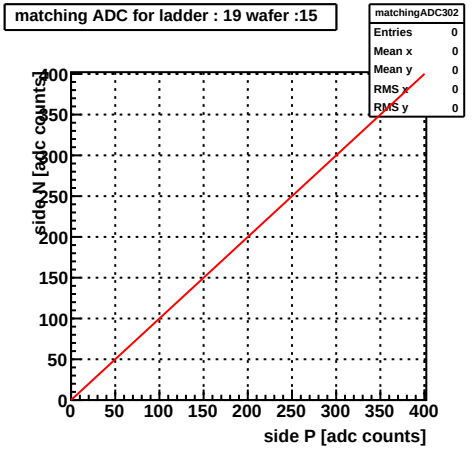

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

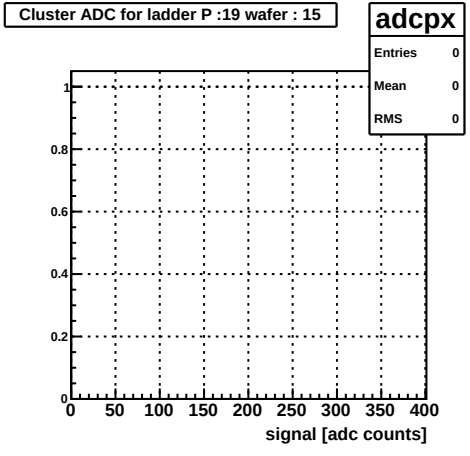

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

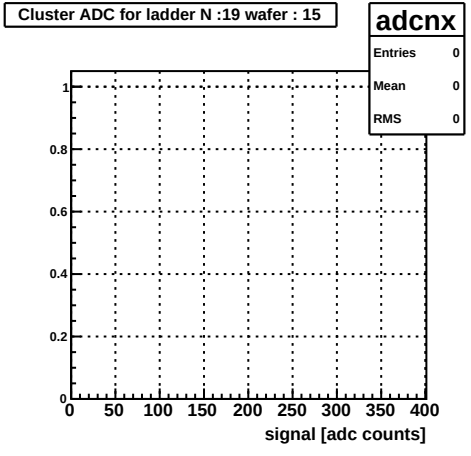

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

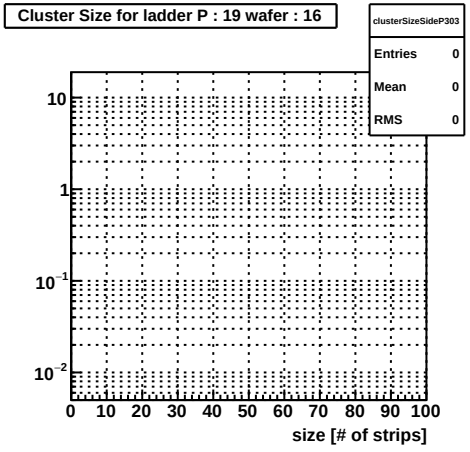

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

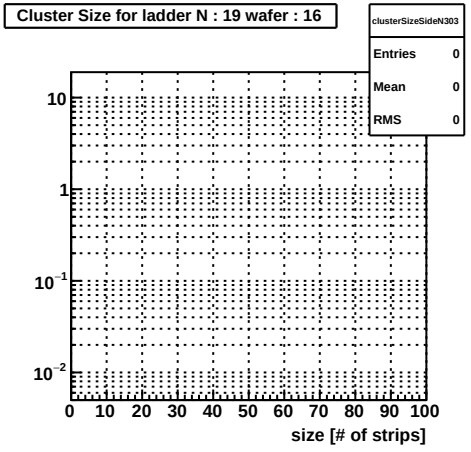

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

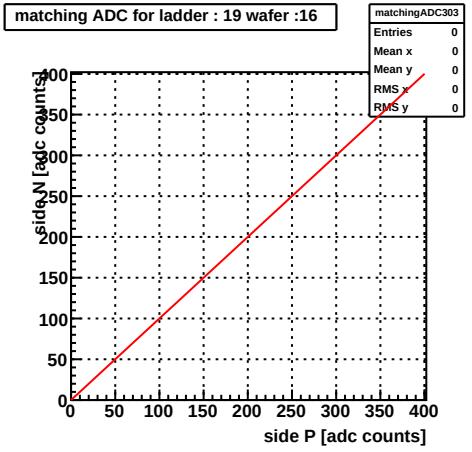

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

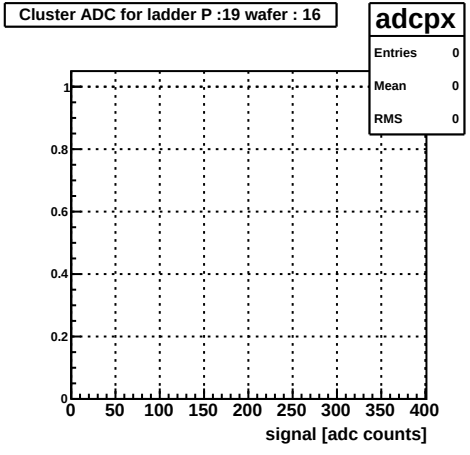

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

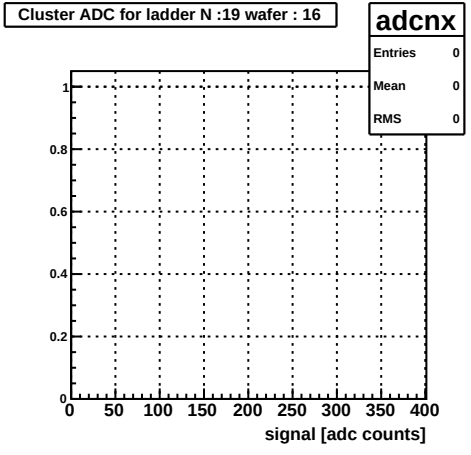

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

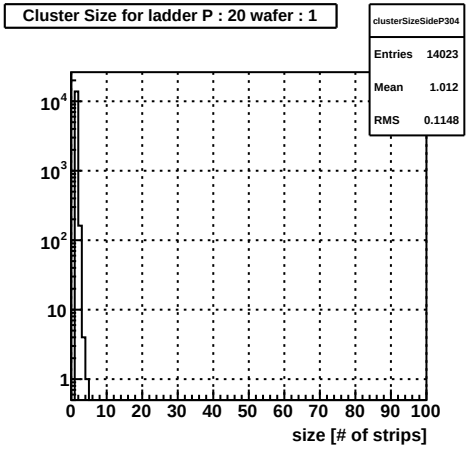

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

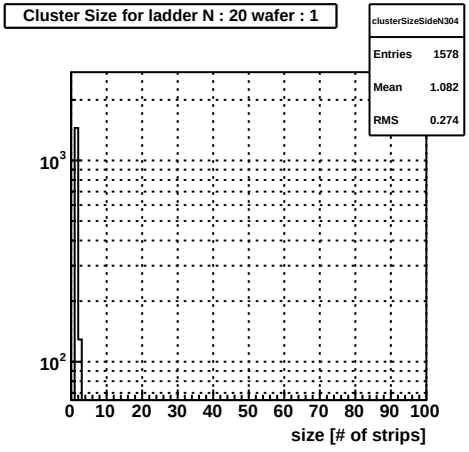

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

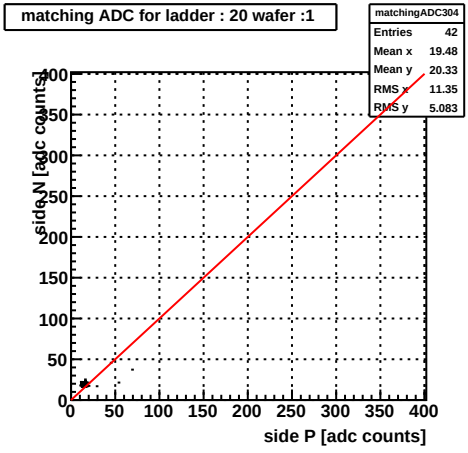

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

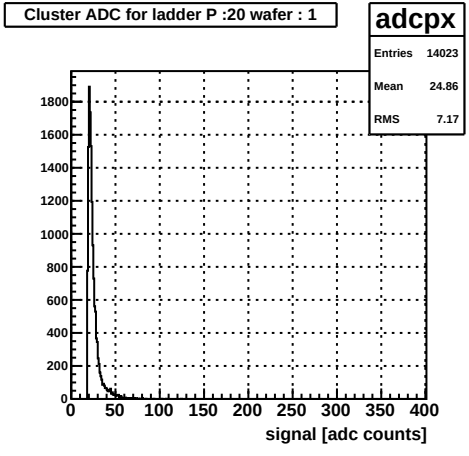

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

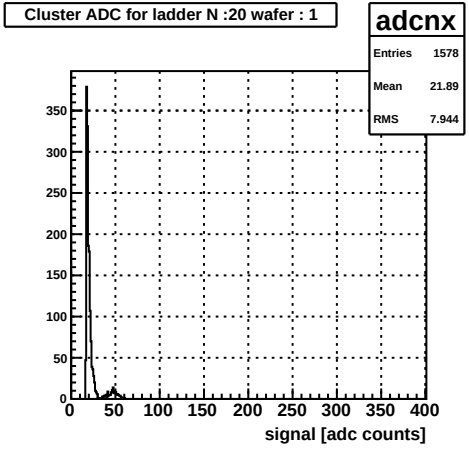

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

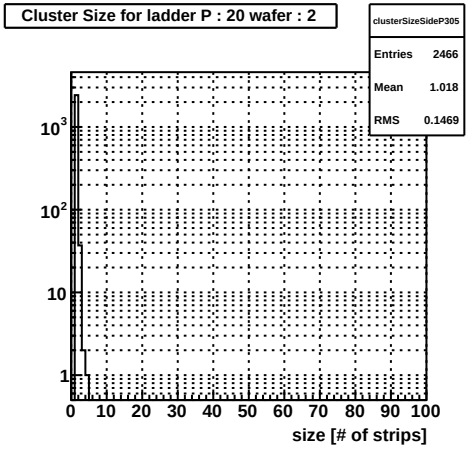

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 14023
Mean 1.012
RMS 0.1148
size [# of strips]

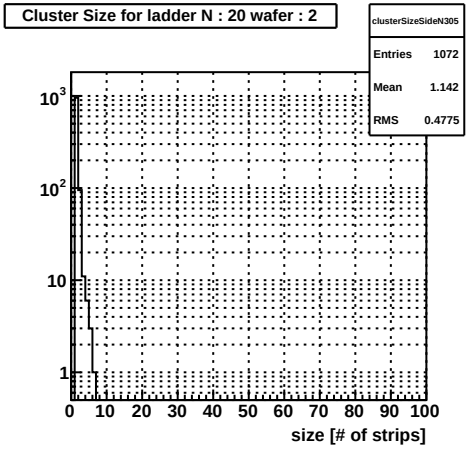

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1578
Mean 1.082
RMS 0.274
size [# of strips]

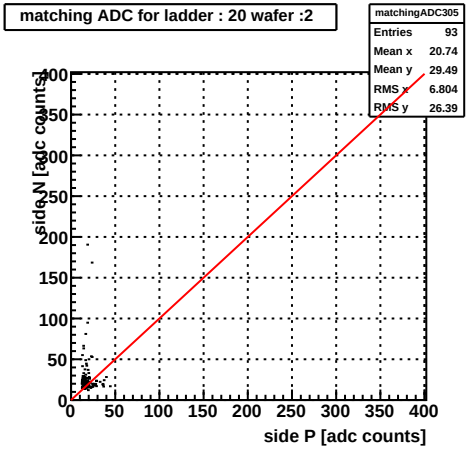

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 42
Mean x 19.48
Mean y 20.33
RMS x 11.35
RMS y 5.083
side N [adc counts]
side P [adc counts]

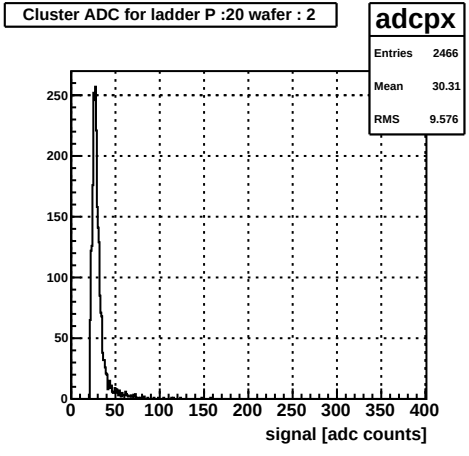

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 14023
Mean 24.86
RMS 7.17
signal [adc counts]

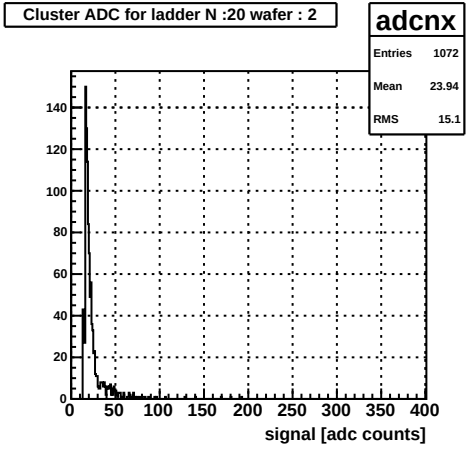

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1578
Mean 21.89
RMS 7.944
signal [adc counts]

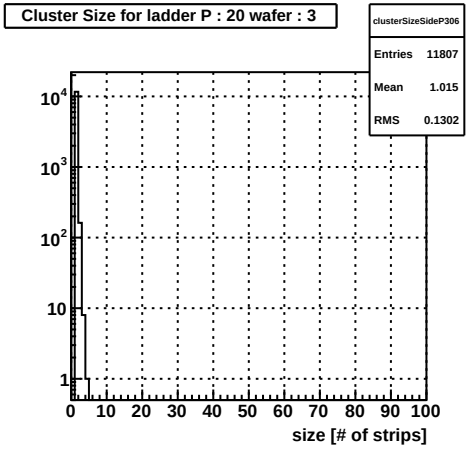

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2466
Mean 1.018
RMS 0.1469
size [# of strips]

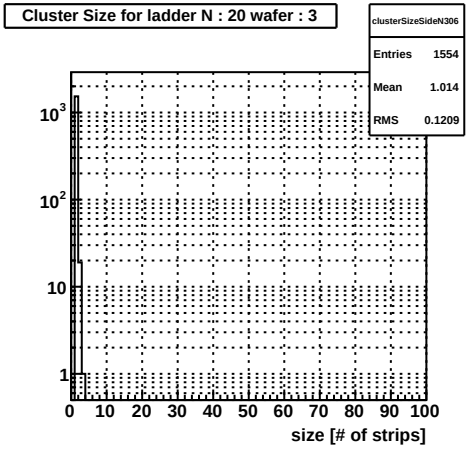

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1072
Mean 1.142
RMS 0.4775
size [# of strips]

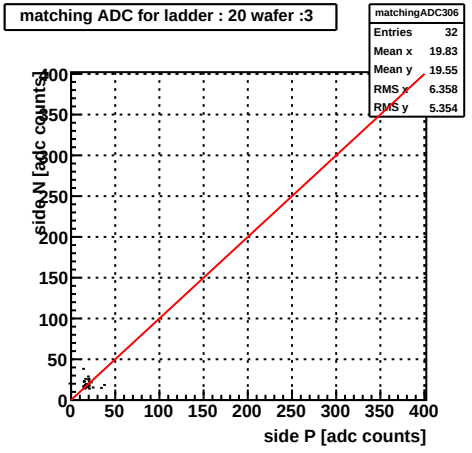

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 93
Mean x 20.74
Mean y 29.49
RMS x 6.804
RMS y 26.39
side N [adc counts]
side P [adc counts]

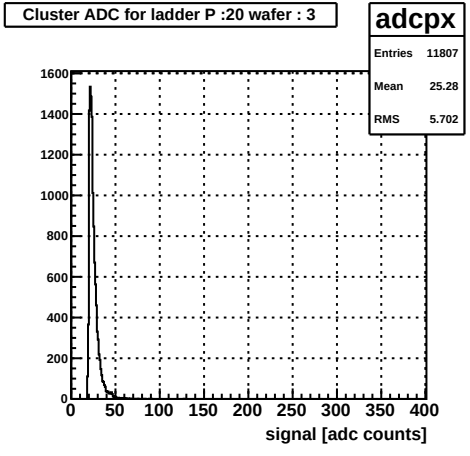

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2466
Mean 30.31
RMS 9.576
signal [adc counts]

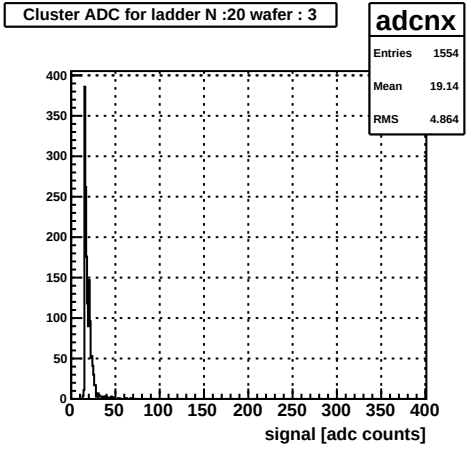

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1072
Mean 23.94
RMS 15.1
signal [adc counts]

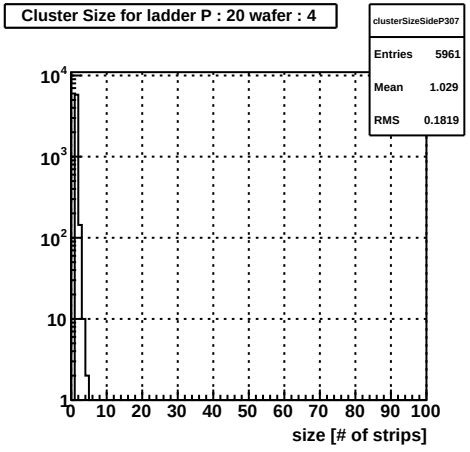

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 11807
Mean 1.015
RMS 0.1302
size [# of strips]

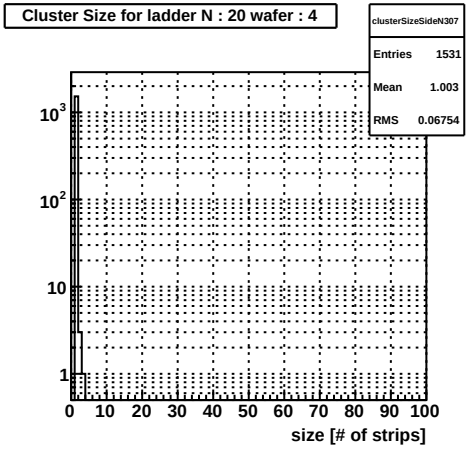

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1554
Mean 1.014
RMS 0.1209
size [# of strips]

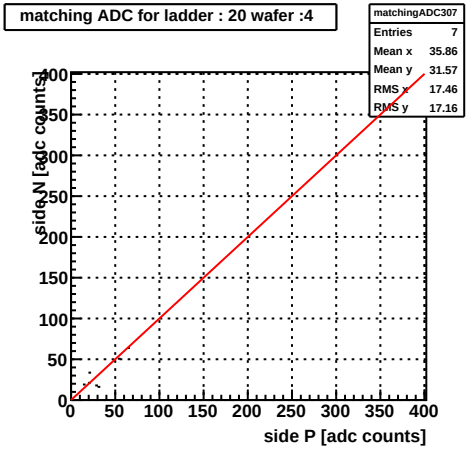

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 32
Mean x 19.83
Mean y 19.55
RMS x 6.358
RMS y 5.354
side N [adc counts]
side P [adc counts]

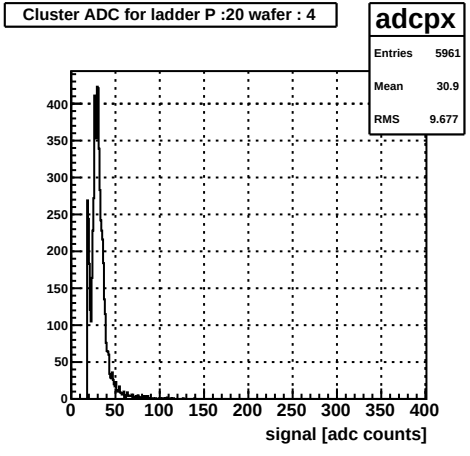

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 11807
Mean 25.28
RMS 5.702
signal [adc counts]

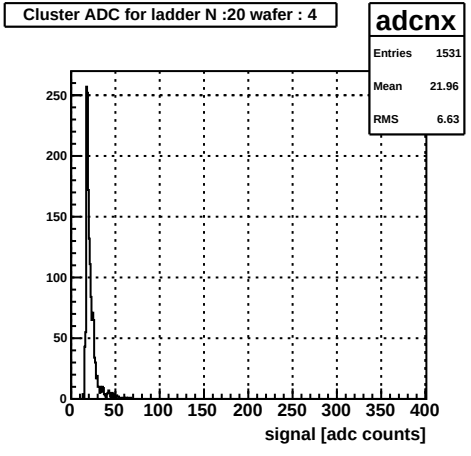

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1554
Mean 19.14
RMS 4.864
signal [adc counts]

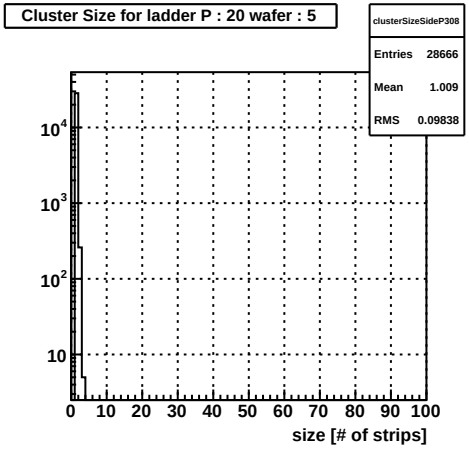

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 5961
Mean 1.029
RMS 0.1819
size [# of strips]

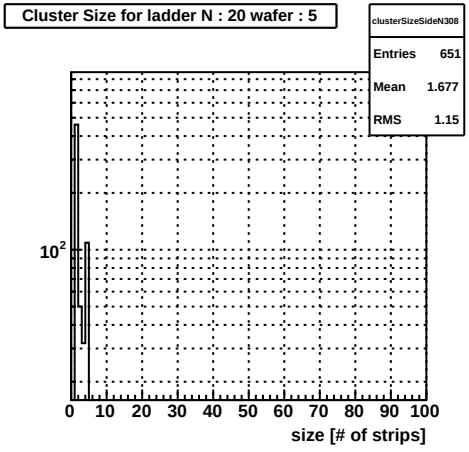

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1531
Mean 1.003
RMS 0.06754
size [# of strips]

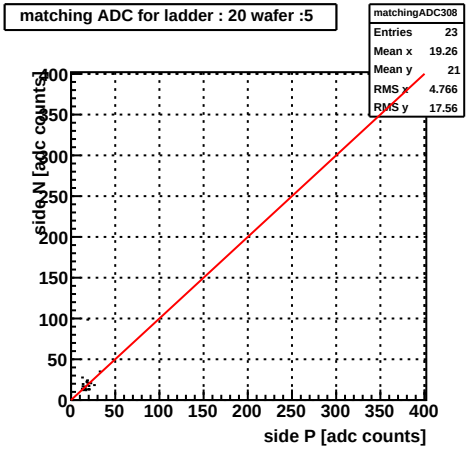

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 7
Mean x 35.86
Mean y 31.57
RMS x 17.46
RMS y 17.16
side N [adc counts]
side P [adc counts]

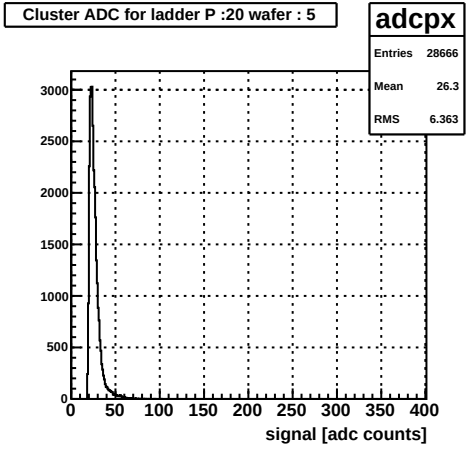

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 5961
Mean 30.9
RMS 9.677
signal [adc counts]

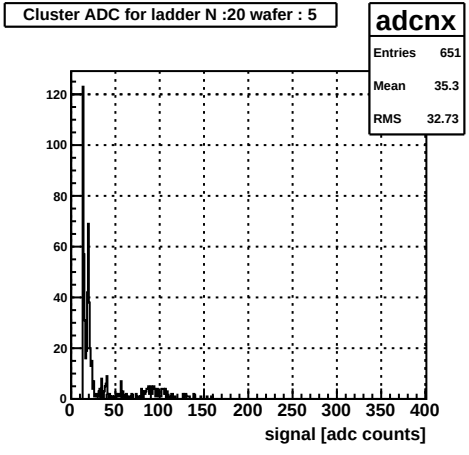

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1531
Mean 21.96
RMS 6.63
signal [adc counts]

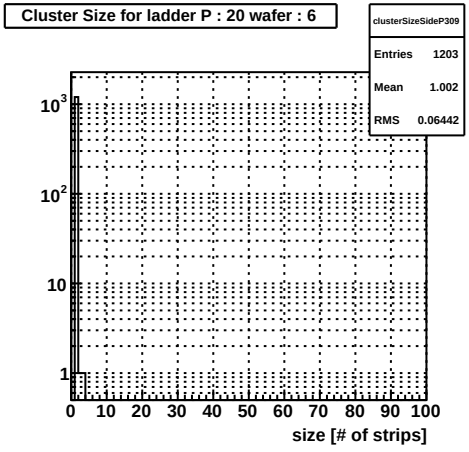

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 28666
Mean 1.009
RMS 0.09838
size [# of strips]

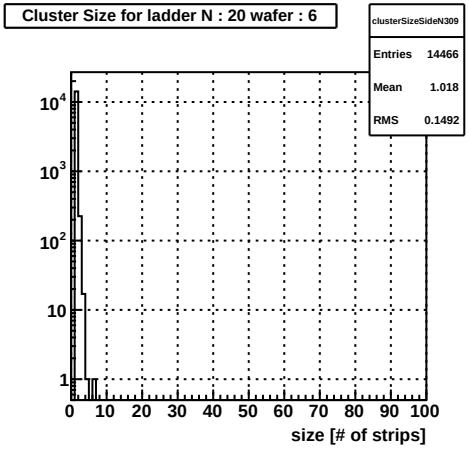

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 651
Mean 1.677
RMS 1.15
size [# of strips]

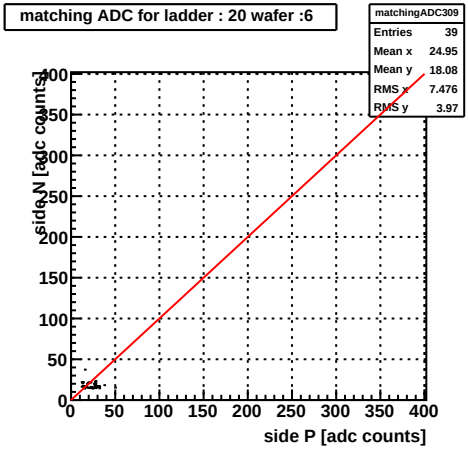

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 23
Mean x 19.26
Mean y 21
RMS x 4.766
RMS y 17.56
side N [adc counts]
side P [adc counts]

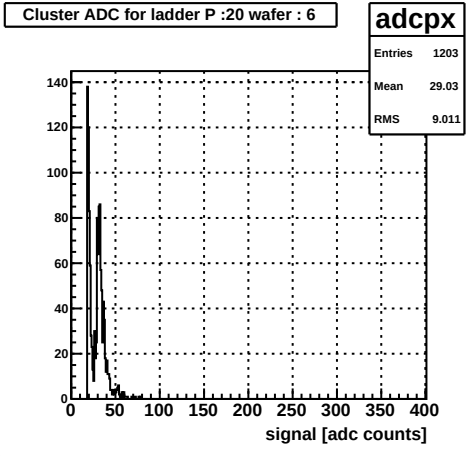

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 28666
Mean 26.3
RMS 6.363
signal [adc counts]

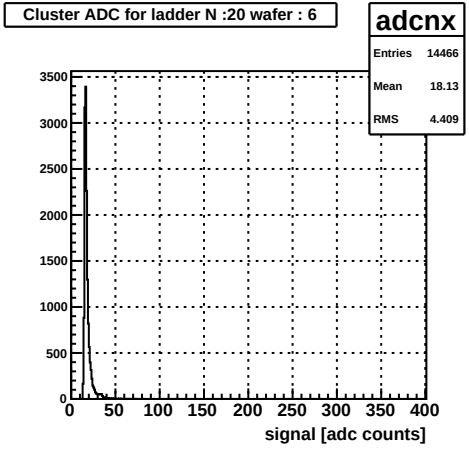

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 651
Mean 35.3
RMS 32.73
signal [adc counts]

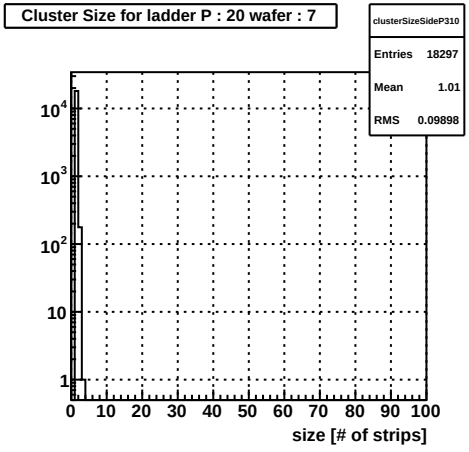

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1203
Mean 1.002
RMS 0.06442
size [# of strips]

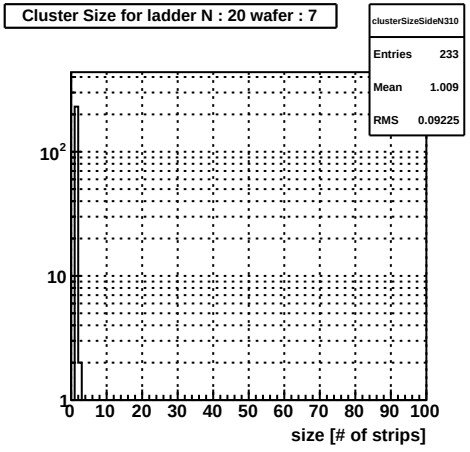

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 14466
Mean 1.018
RMS 0.1492
size [# of strips]

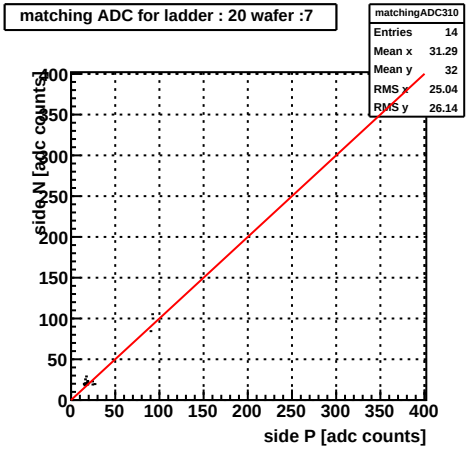

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 39
Mean x 24.95
Mean y 18.08
RMS x 7.476
RMS y 3.97
side N [adc counts]
side P [adc counts]

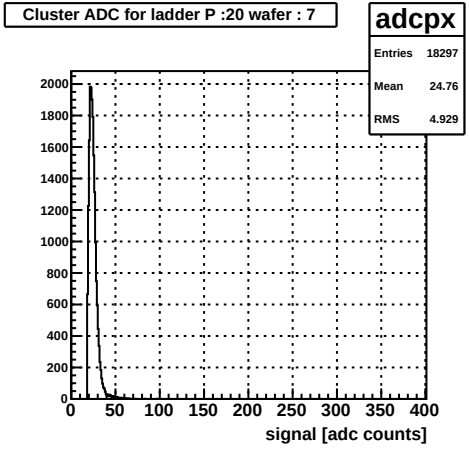

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1203
Mean 29.03
RMS 9.011
signal [adc counts]

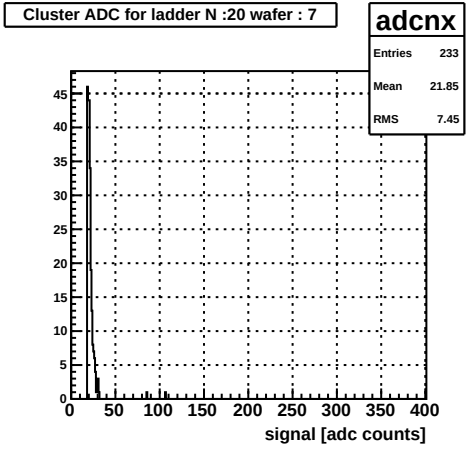

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 14466
Mean 18.13
RMS 4.409
signal [adc counts]

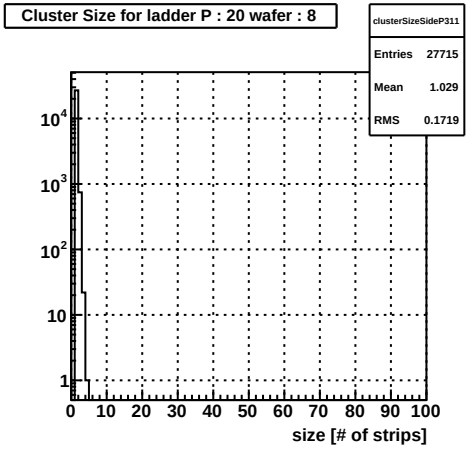

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 18297
Mean 1.01
RMS 0.09898
size [# of strips]

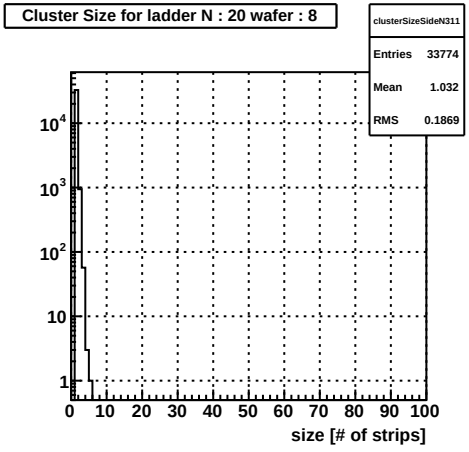

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 233
Mean 1.009
RMS 0.09225
size [# of strips]

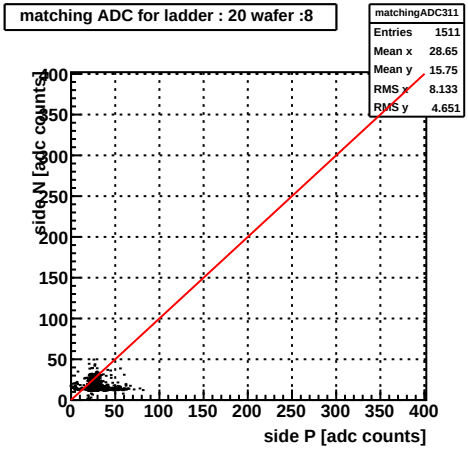

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 14
Mean x 31.29
Mean y 32
RMS x 25.04
RMS y 26.14
side N [adc counts]
side P [adc counts]

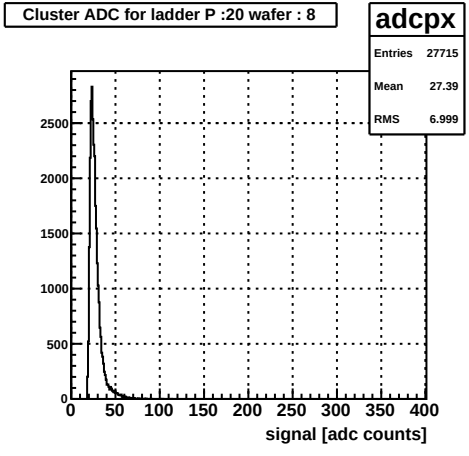

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 18297
Mean 24.76
RMS 4.929
signal [adc counts]

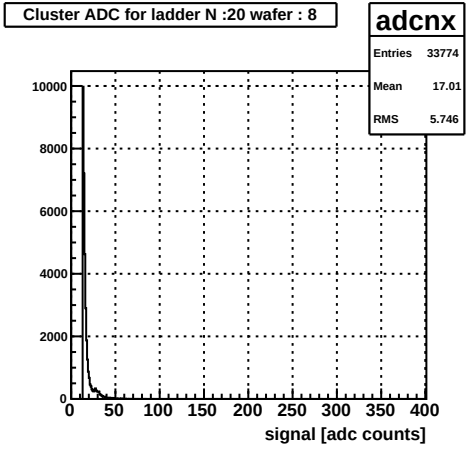

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 233
Mean 21.85
RMS 7.45
signal [adc counts]

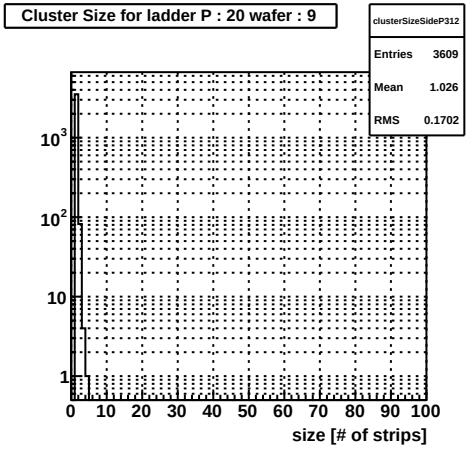

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 27715
Mean 1.029
RMS 0.1719
size [# of strips]

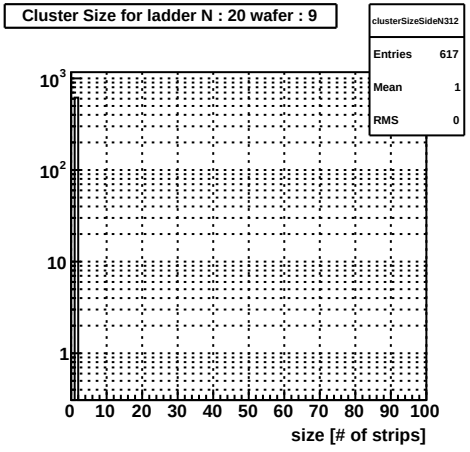

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 33774
Mean 1.032
RMS 0.1869
size [# of strips]

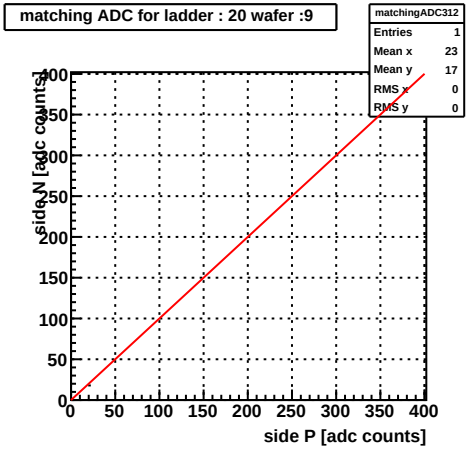

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1511
Mean x 28.65
Mean y 15.75
RMS x 8.133
RMS y 4.651
side N [adc counts]
side P [adc counts]

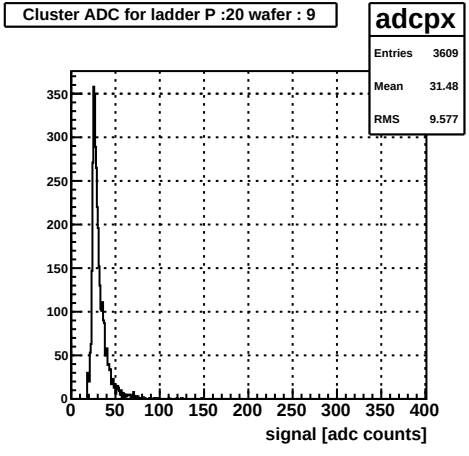

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 27715
Mean 27.39
RMS 6.999
signal [adc counts]

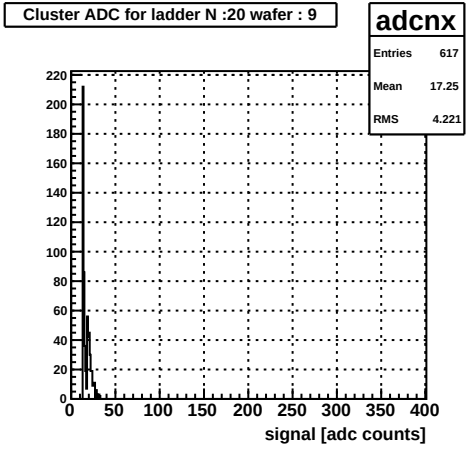

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 33774
Mean 17.01
RMS 5.746
signal [adc counts]

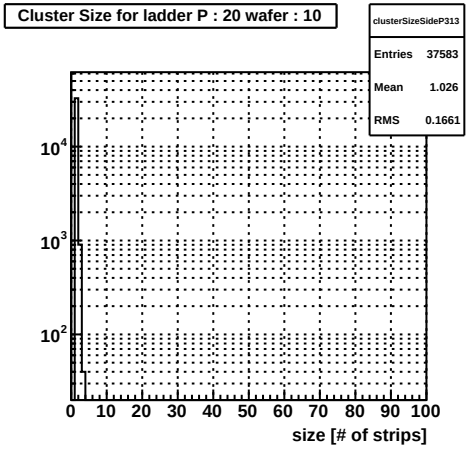

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3609
Mean 1.026
RMS 0.1702
size [# of strips]

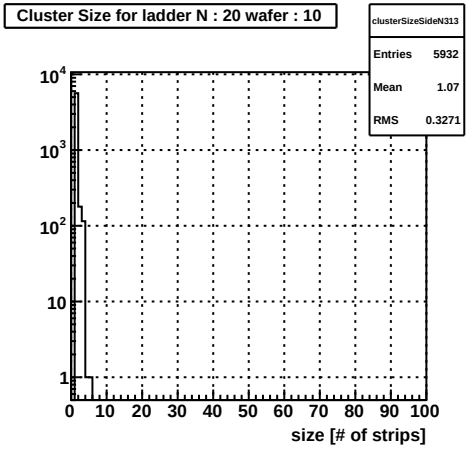

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 617
Mean 1
RMS 0
size [# of strips]

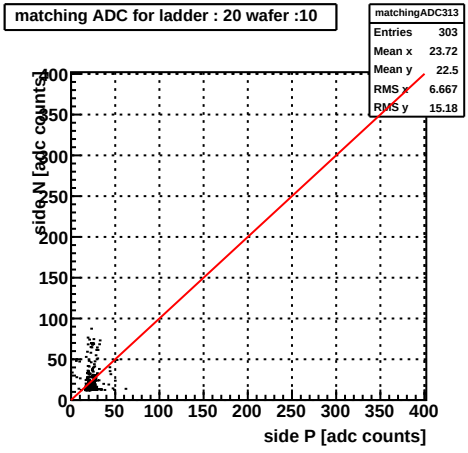

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

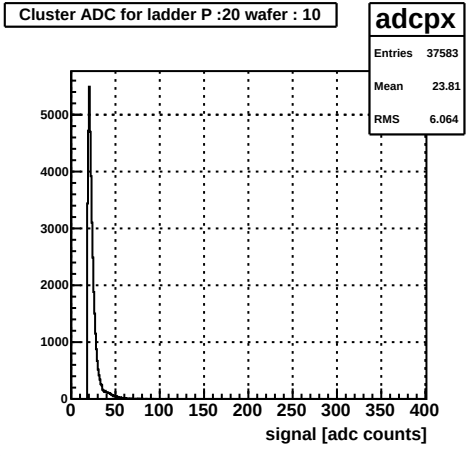

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3609
Mean 31.48
RMS 9.577
signal [adc counts]

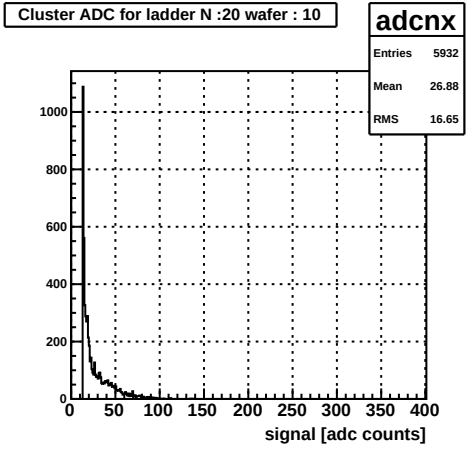

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 617
Mean 17.25
RMS 4.221
signal [adc counts]

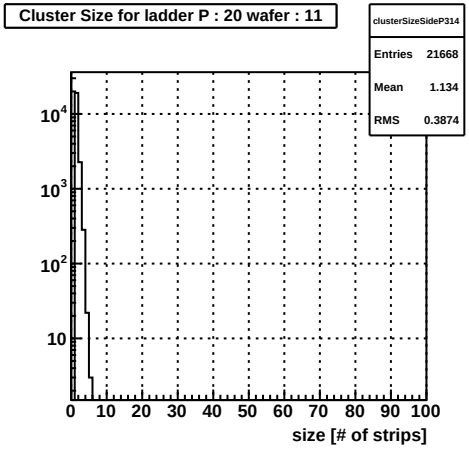

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 37583
Mean 1.026
RMS 0.1661
size [# of strips]

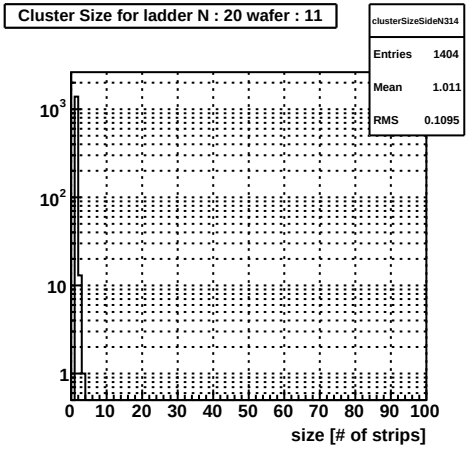

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5932
Mean 1.07
RMS 0.3271
size [# of strips]

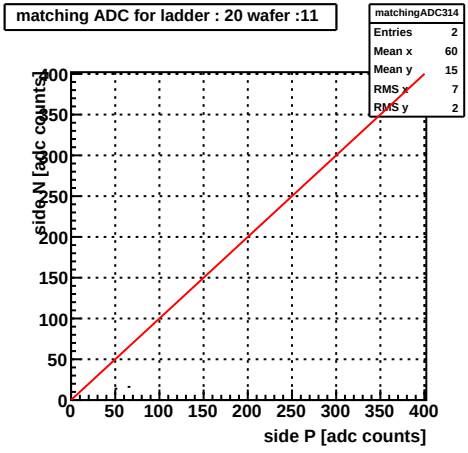

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 303
Mean x 23.72
Mean y 22.5
RMS x 6.667
RMS y 15.18
side N [adc counts]
side P [adc counts]

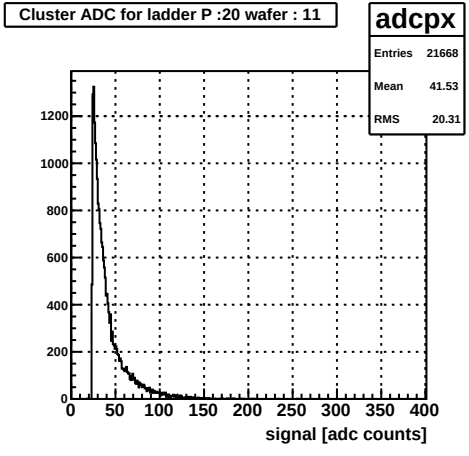

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 37583
Mean 23.81
RMS 6.064
signal [adc counts]

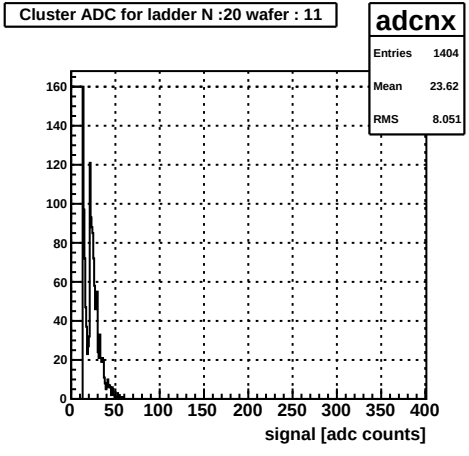

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5932
Mean 26.88
RMS 16.65
signal [adc counts]

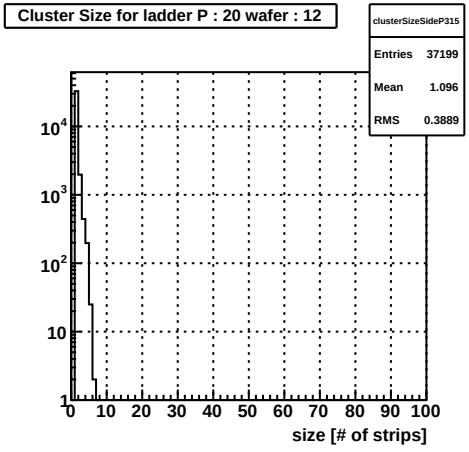

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 21668
Mean 1.134
RMS 0.3874
size [# of strips]

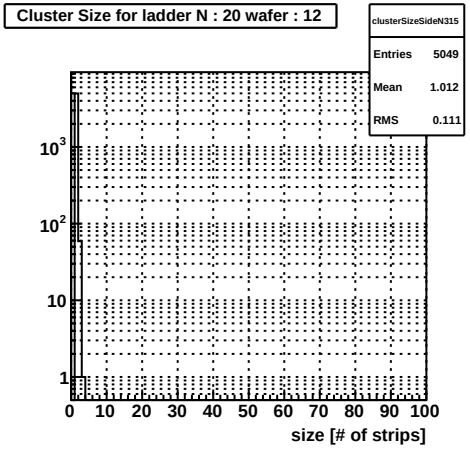

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1404
Mean 1.011
RMS 0.1095
size [# of strips]

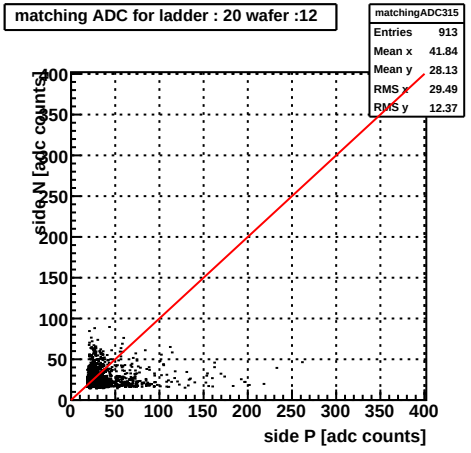

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2
Mean x 60
Mean y 15
RMS x 7
RMS y 2
side N [adc counts]
side P [adc counts]

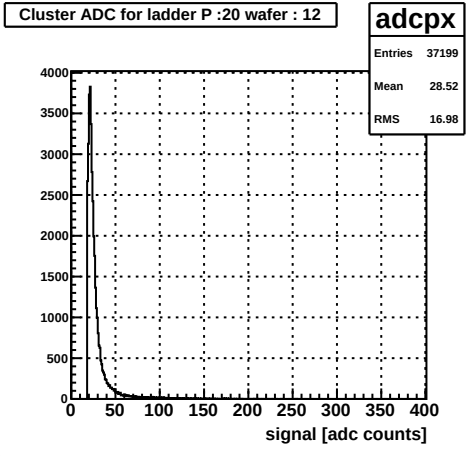

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 21668
Mean 41.53
RMS 20.31
signal [adc counts]

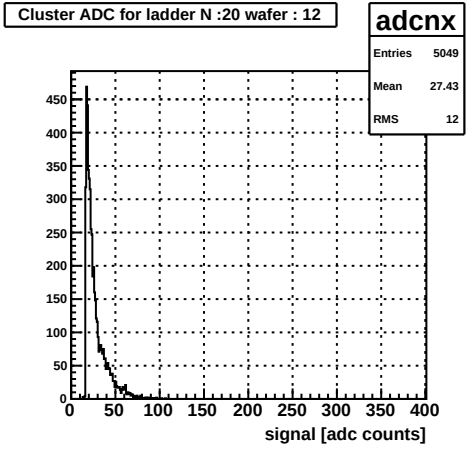

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1404
Mean 23.62
RMS 8.051
signal [adc counts]

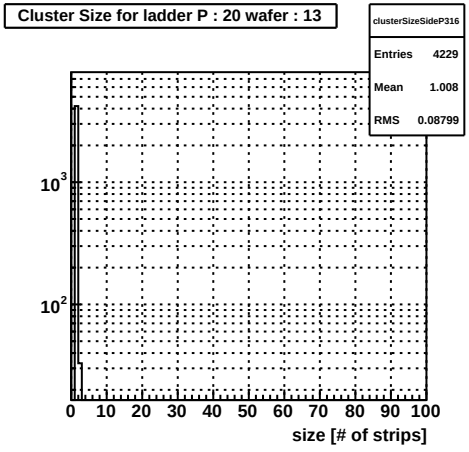

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 37199
Mean 1.096
RMS 0.3889
size [# of strips]

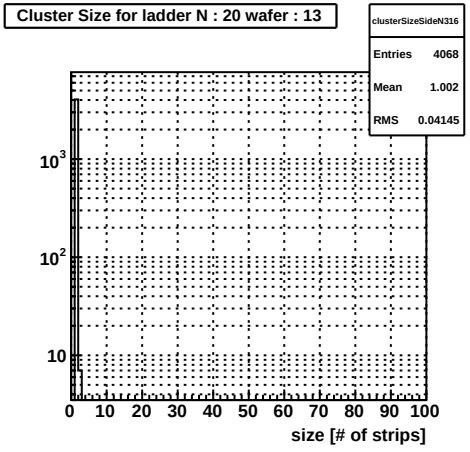

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 5049
Mean 1.012
RMS 0.111
size [# of strips]

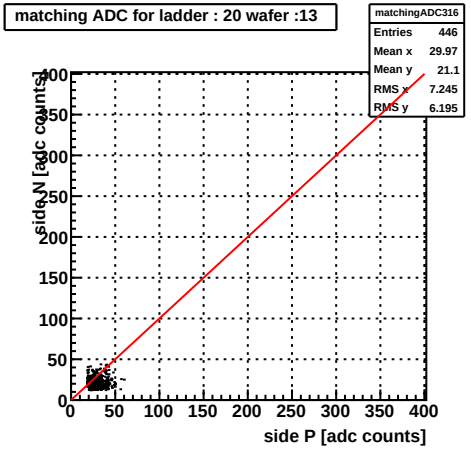

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 913
Mean x 41.84
Mean y 28.13
RMS x 29.49
RMS y 12.37
side N [adc counts]
side P [adc counts]

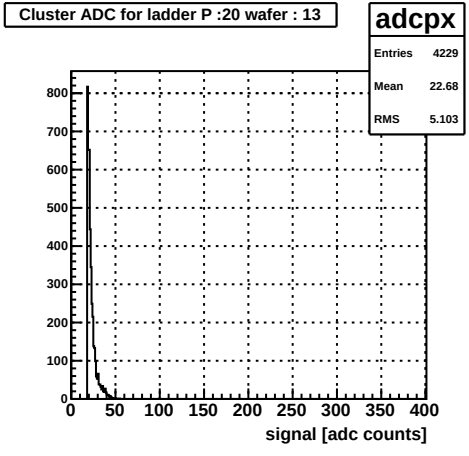

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 37199
Mean 28.52
RMS 16.98
signal [adc counts]

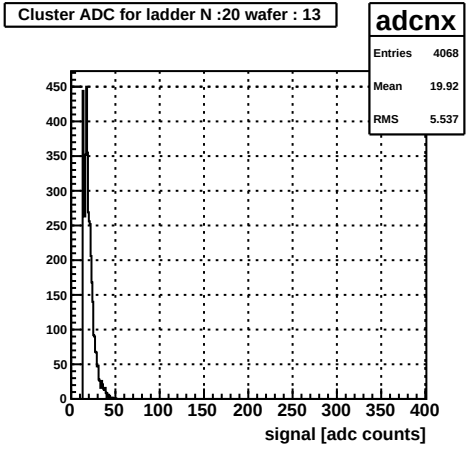

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 5049
Mean 27.43
RMS 12
signal [adc counts]

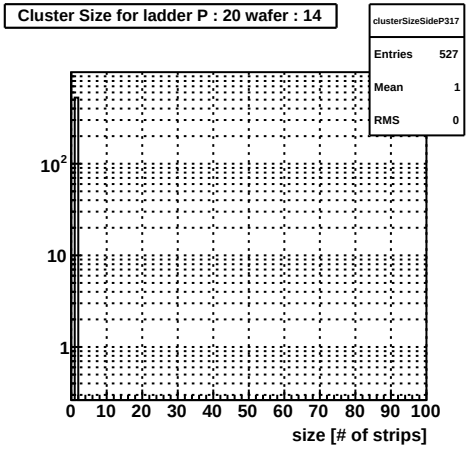

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 4229
Mean 1.008
RMS 0.08799
size [# of strips]

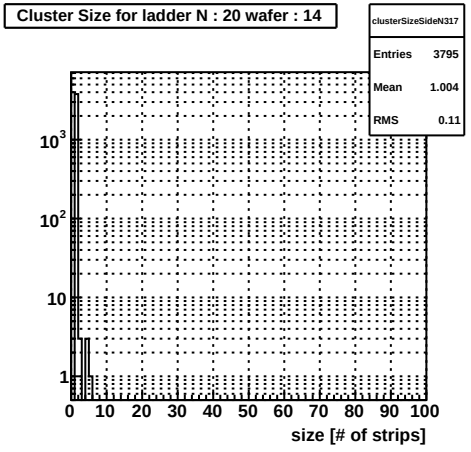

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4068
Mean 1.002
RMS 0.04145
size [# of strips]

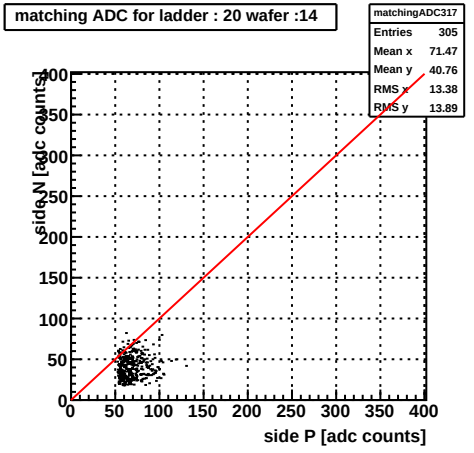

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 446
Mean x 29.97
Mean y 21.1
RMS x 7.245
RMS y 6.195
side N [adc counts]
side P [adc counts]

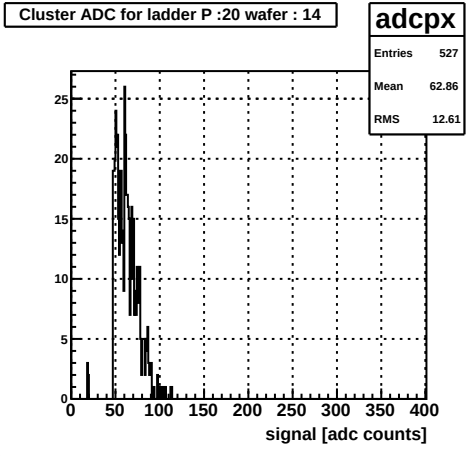

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 4229
Mean 22.68
RMS 5.103
signal [adc counts]

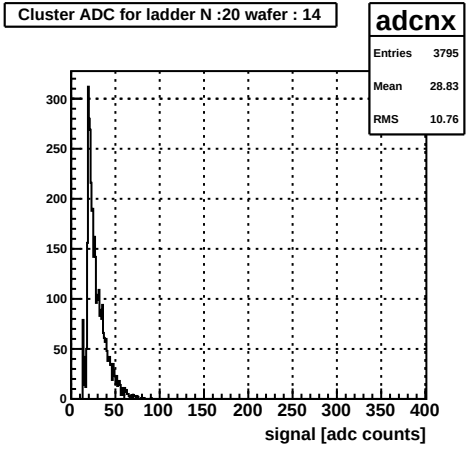

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4068
Mean 19.92
RMS 5.537
signal [adc counts]

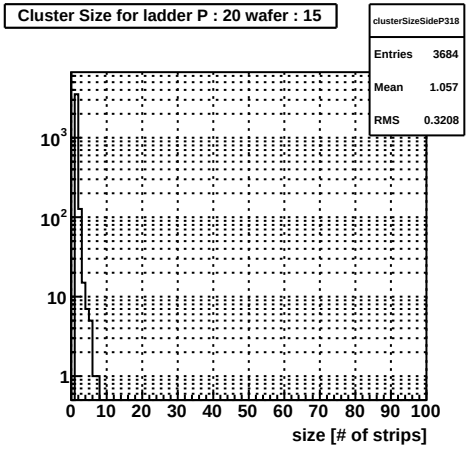

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 527
Mean 1
RMS 0
size [# of strips]

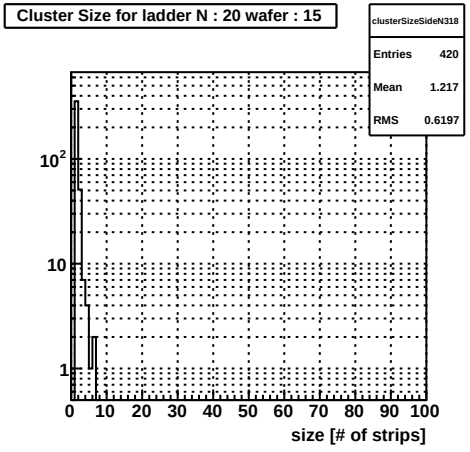

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3795
Mean 1.004
RMS 0.11
size [# of strips]

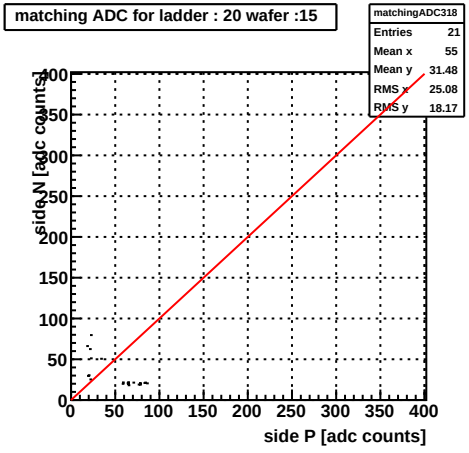

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 305
Mean x 71.47
Mean y 40.76
RMS x 13.38
RMS y 13.89
side N [adc counts]
side P [adc counts]

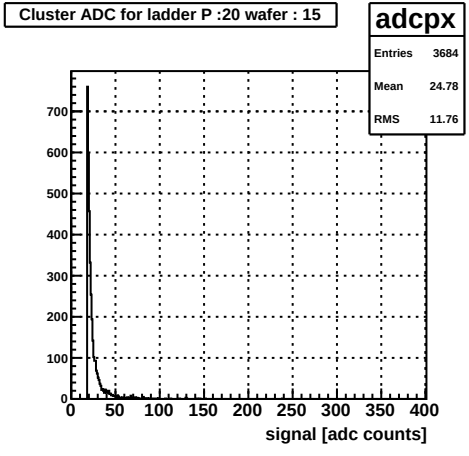

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 527
Mean 62.86
RMS 12.61
signal [adc counts]

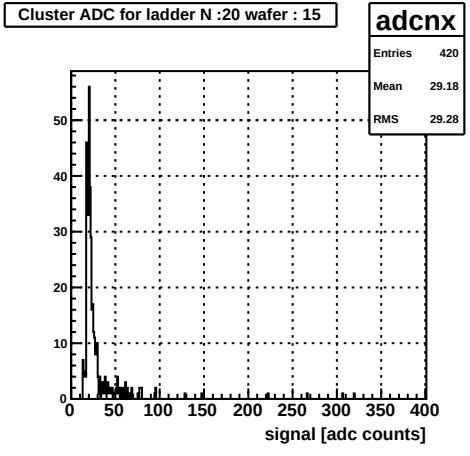

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3795
Mean 28.83
RMS 10.76
signal [adc counts]

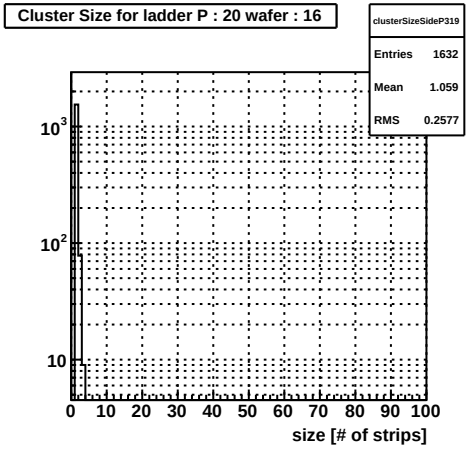

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3684
Mean 1.057
RMS 0.3208
size [# of strips]

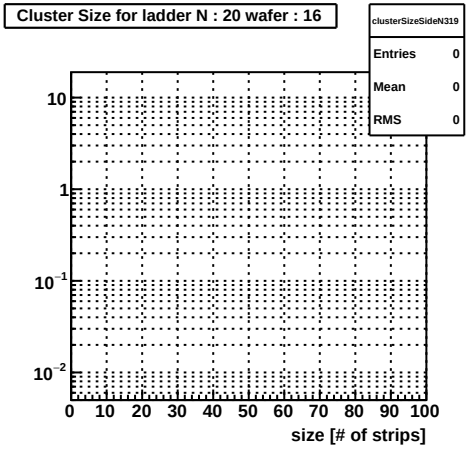

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 420
Mean 1.217
RMS 0.6197
size [# of strips]

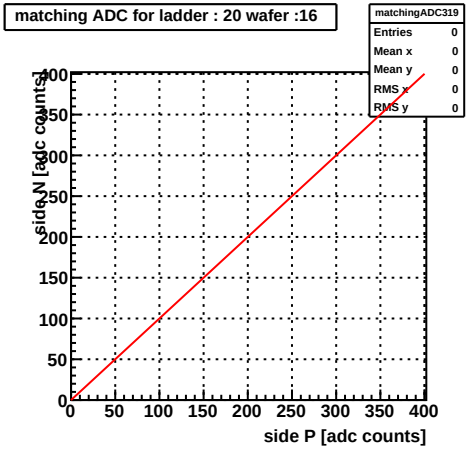

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 21
Mean x 55
Mean y 31.48
RMS x 25.08
RMS y 18.17
side N [adc counts]
side P [adc counts]

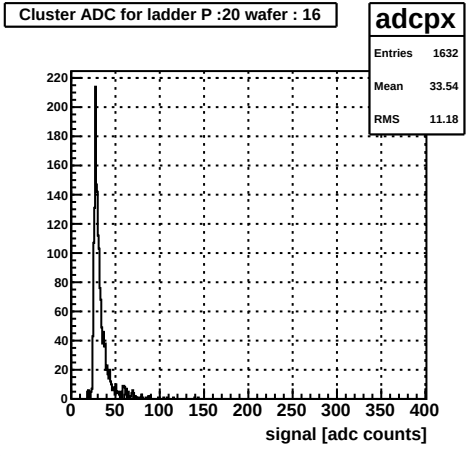

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3684
Mean 24.78
RMS 11.76
signal [adc counts]

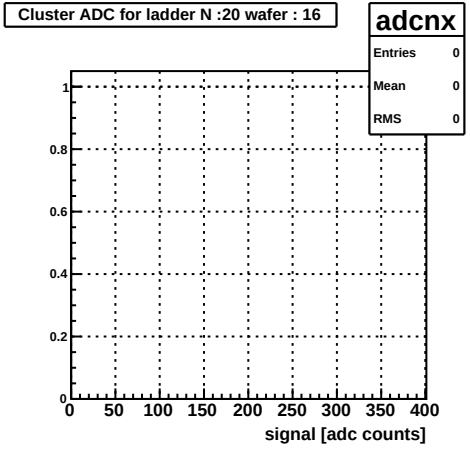

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 420
Mean 29.18
RMS 29.28
signal [adc counts]

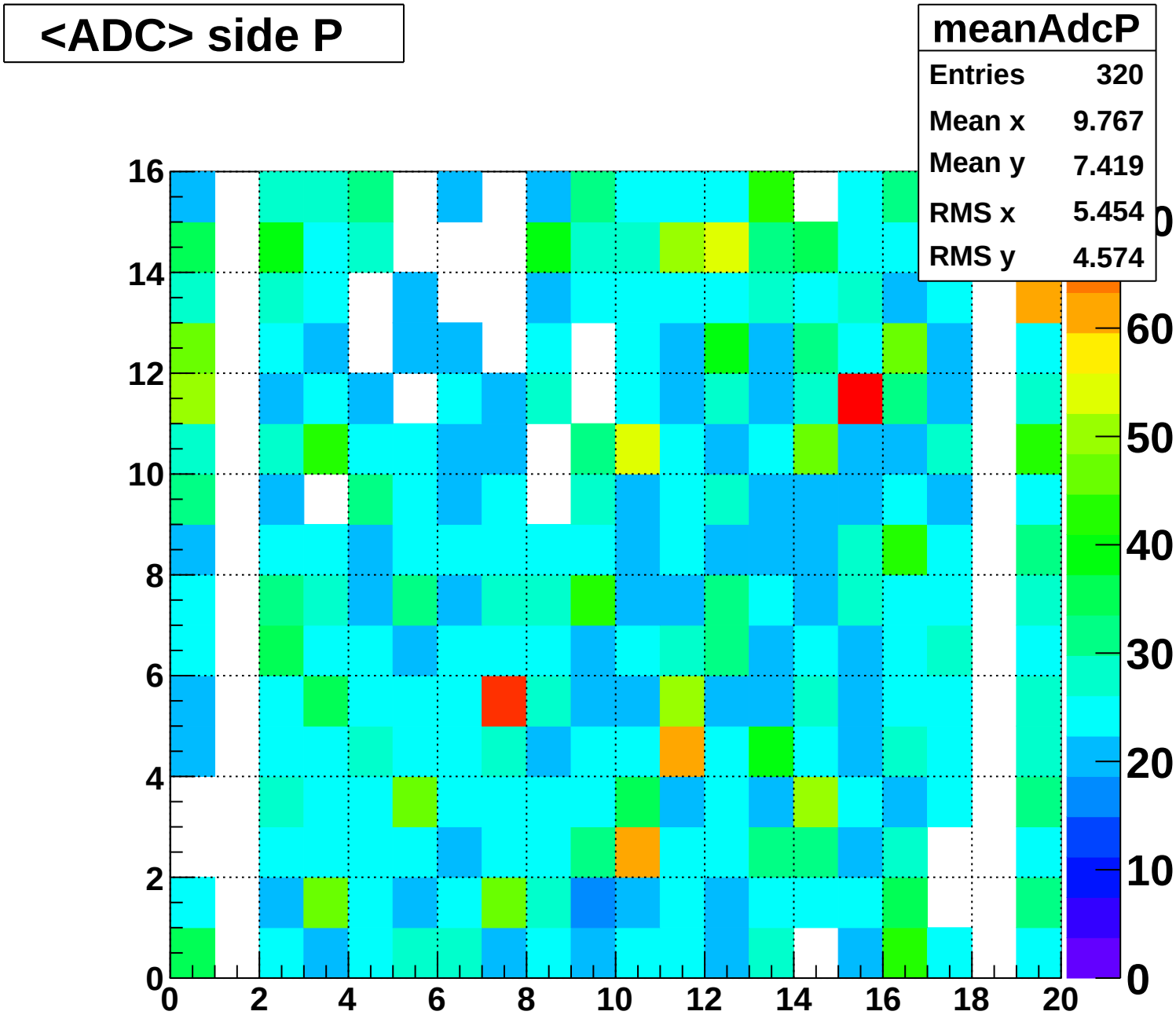

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1632
Mean 1.059
RMS 0.2577
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 0
Mean 0
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1632
Mean 33.54
RMS 11.18
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]



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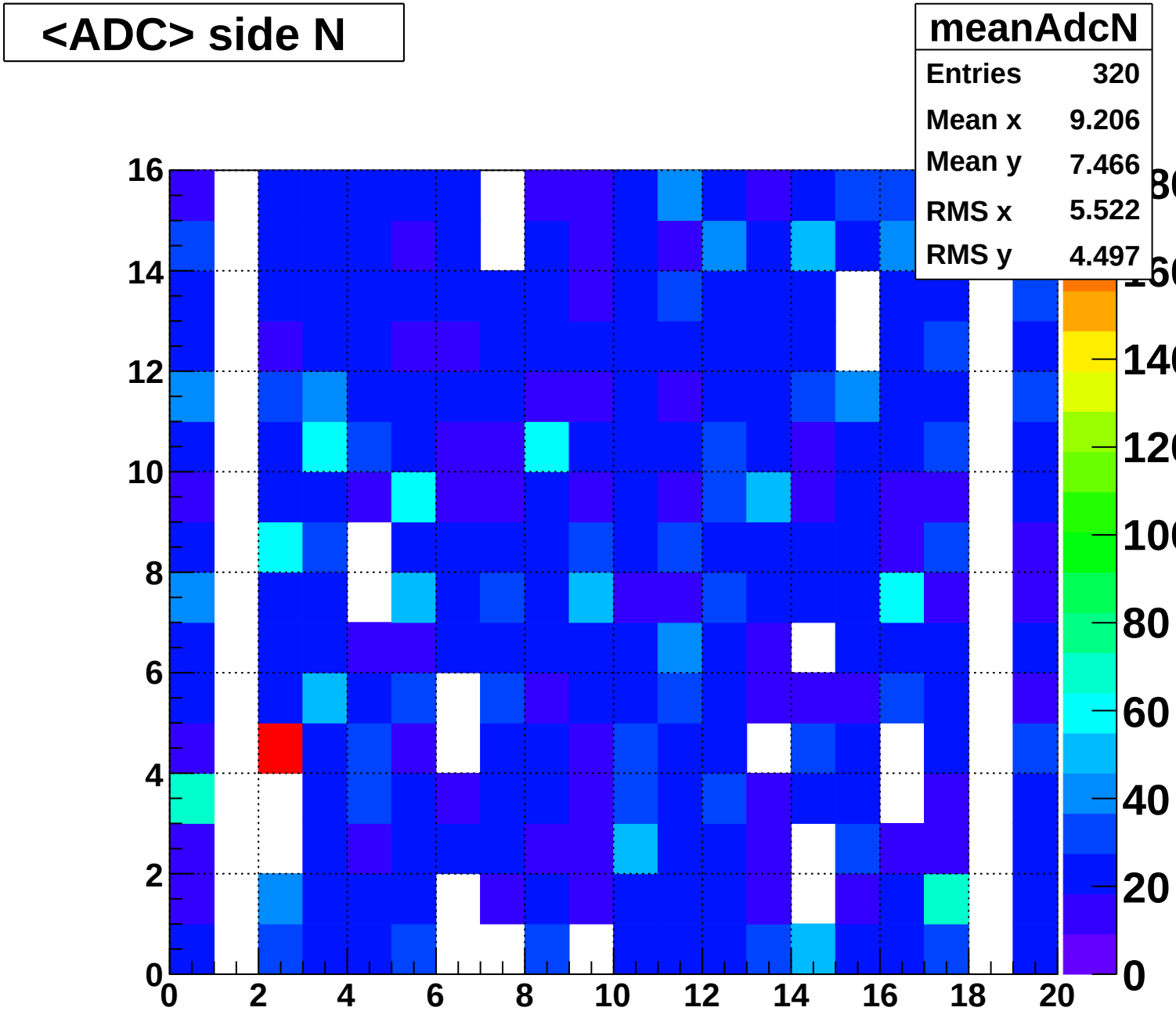

2016-06-06 03:19:13