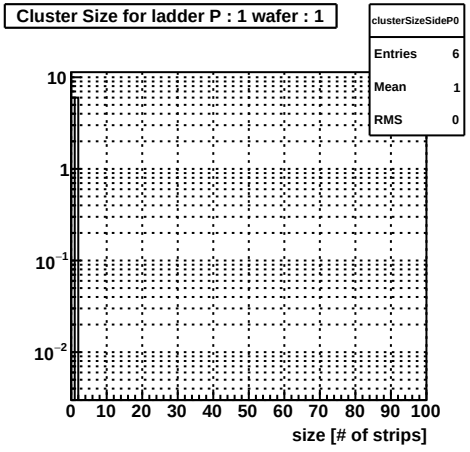
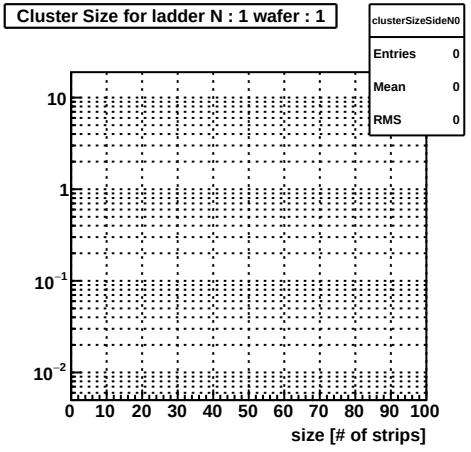
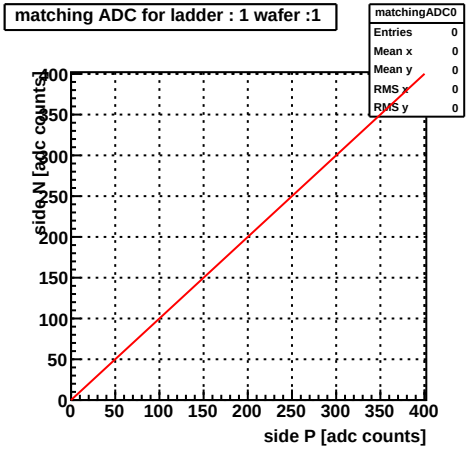
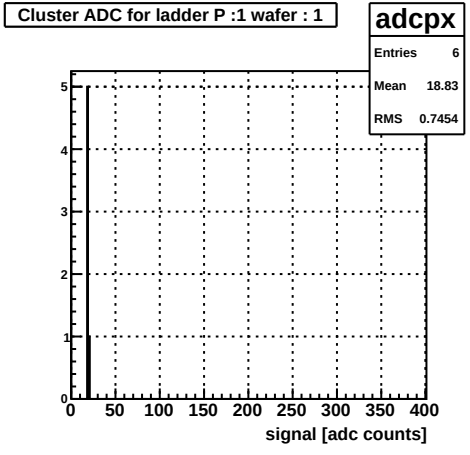
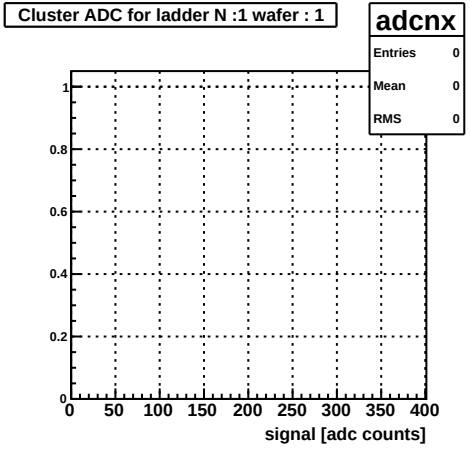
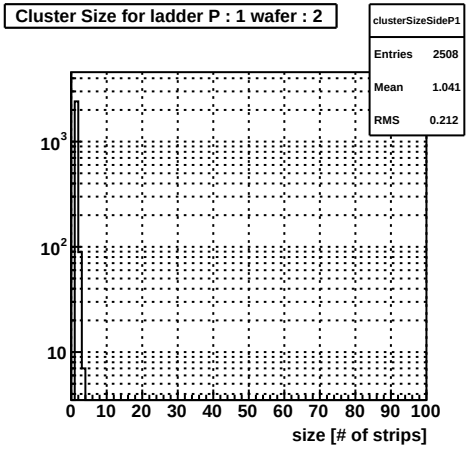

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 6
Mean 1
RMS 0
size [# of strips]

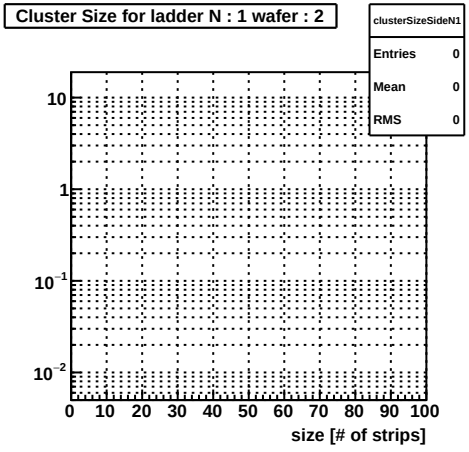

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

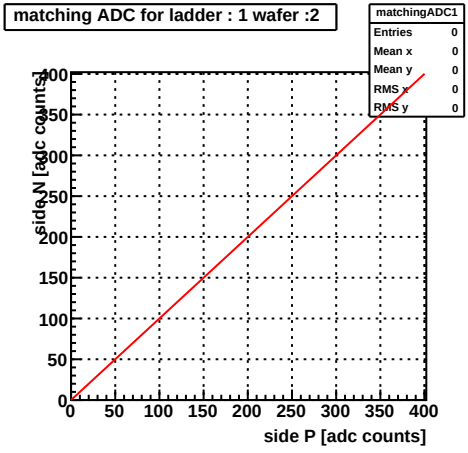

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

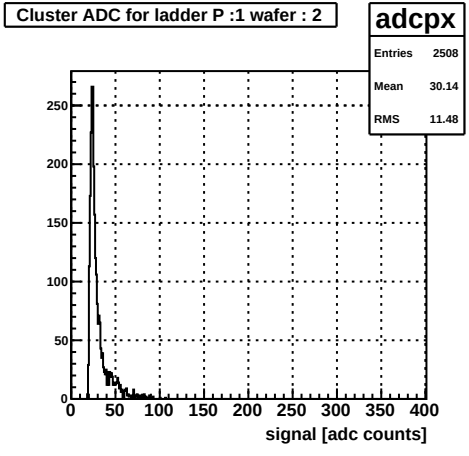

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 6
Mean 18.83
RMS 0.7454
signal [adc counts]

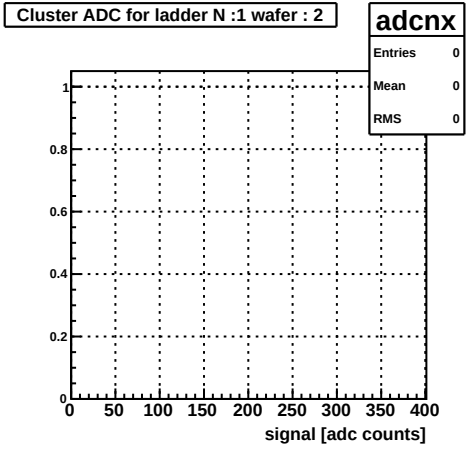

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

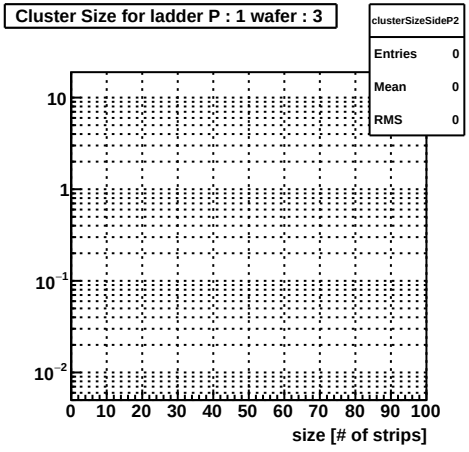

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2508
Mean 1.041
RMS 0.212
size [# of strips]

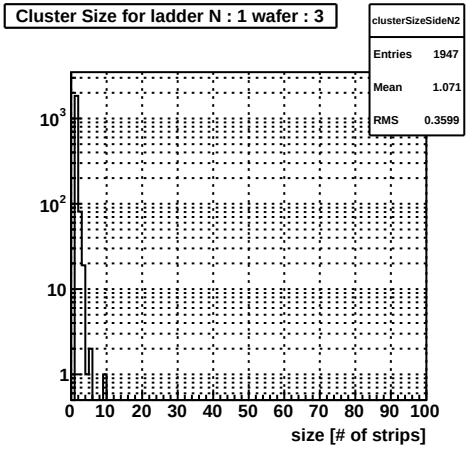

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

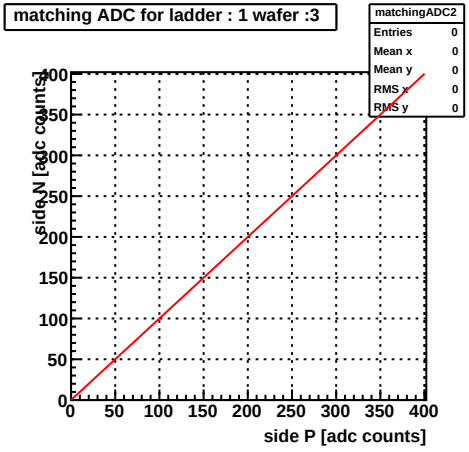

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

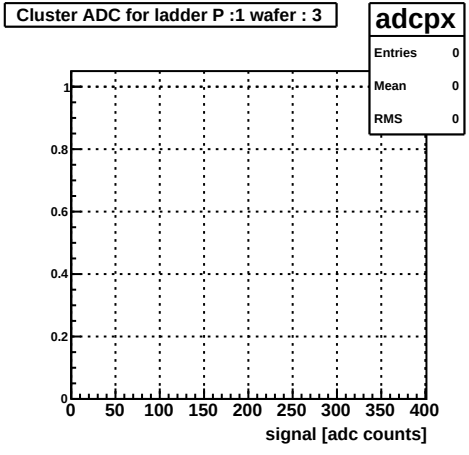

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2508
Mean 30.14
RMS 11.48
signal [adc counts]

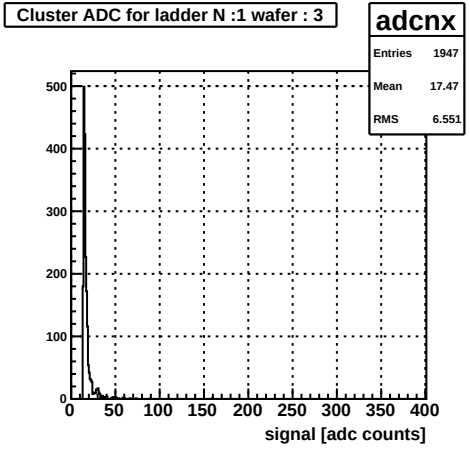

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

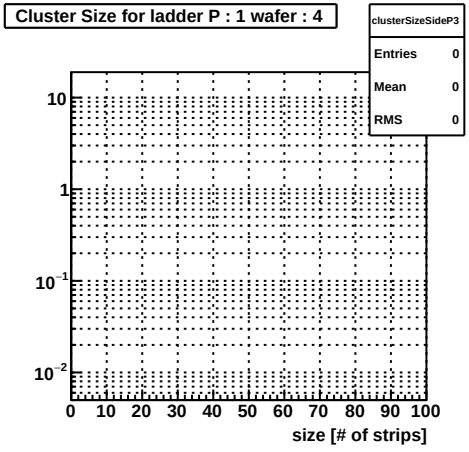

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

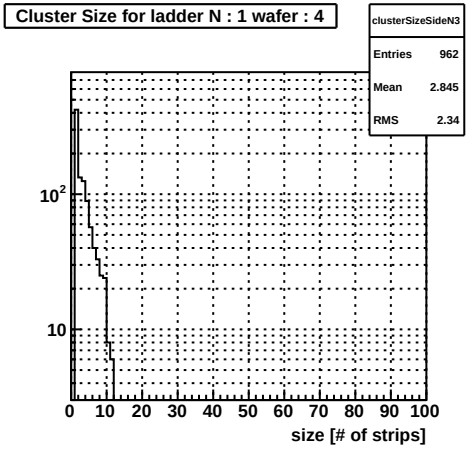

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1947
Mean 1.071
RMS 0.3599
size [# of strips]

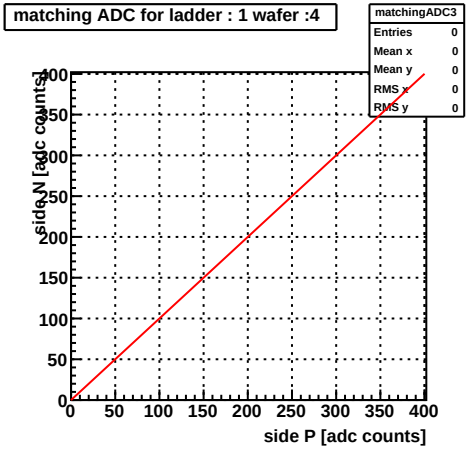

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

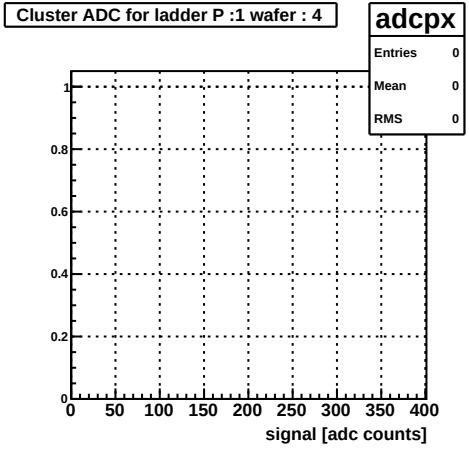

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

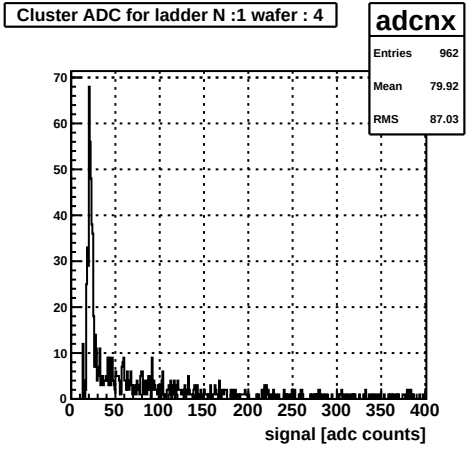

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1947
Mean 17.47
RMS 6.551
signal [adc counts]

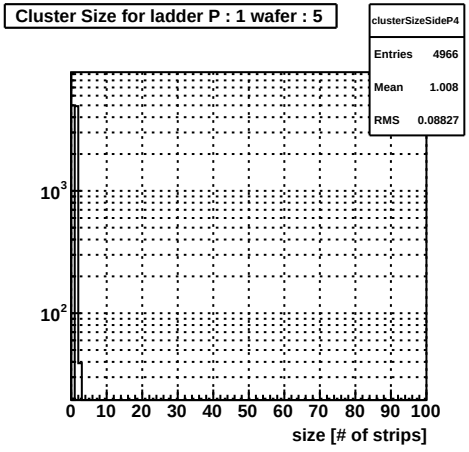

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

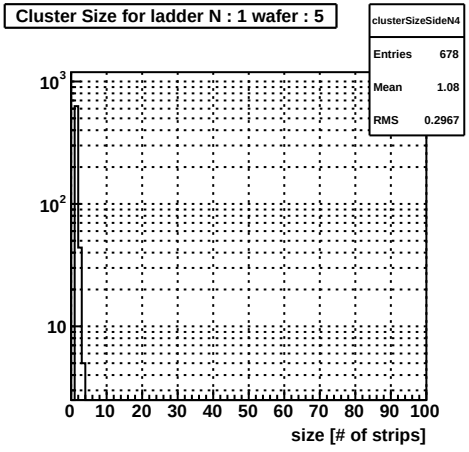

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 962
Mean 2.845
RMS 2.34
size [# of strips]

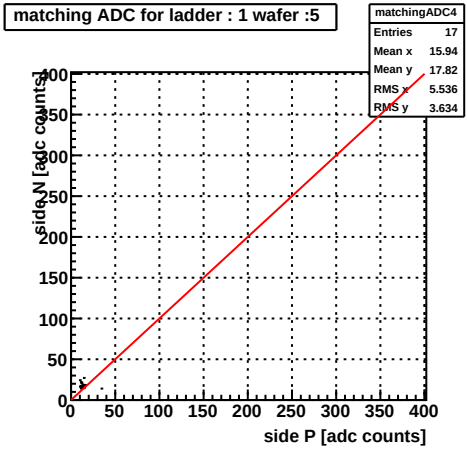

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

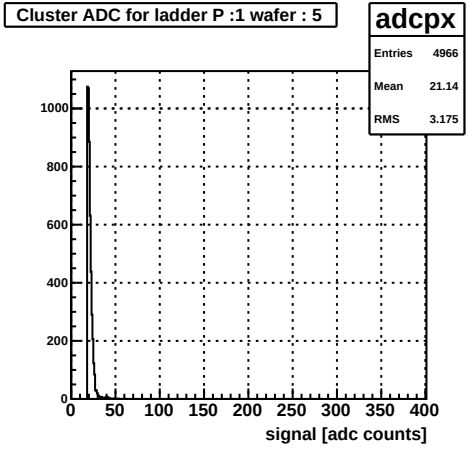

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

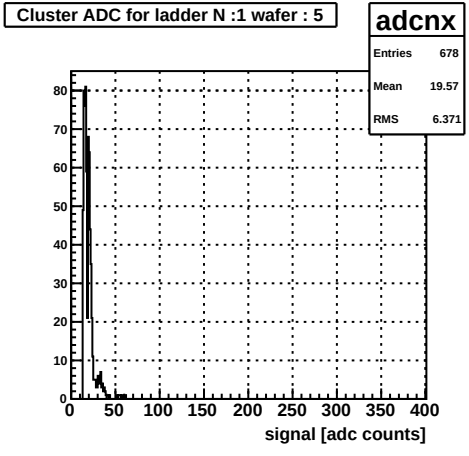

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 962
Mean 79.92
RMS 87.03
signal [adc counts]

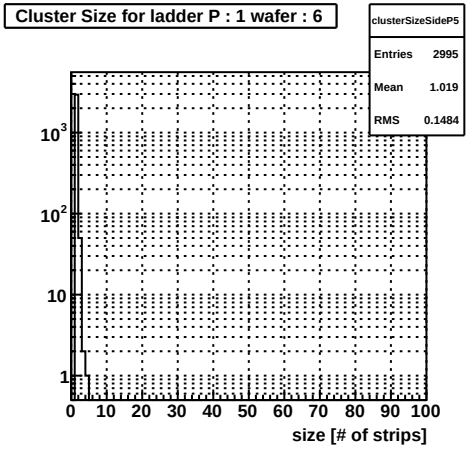

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 4966
Mean 1.008
RMS 0.08827
size [# of strips]

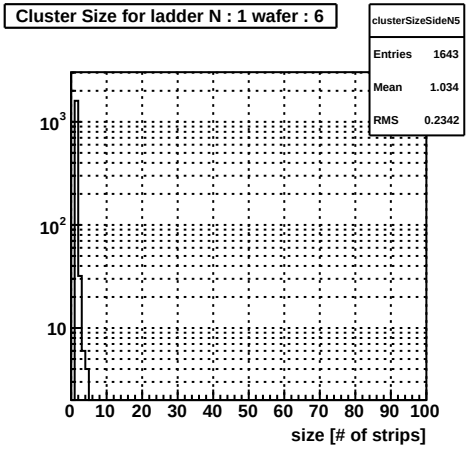

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 678
Mean 1.08
RMS 0.2967
size [# of strips]

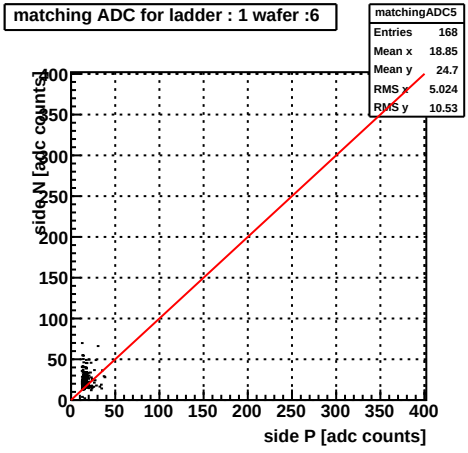

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 17
Mean x 15.94
Mean y 17.82
RMS x 5.536
RMS y 3.634
side N [adc counts]
side P [adc counts]

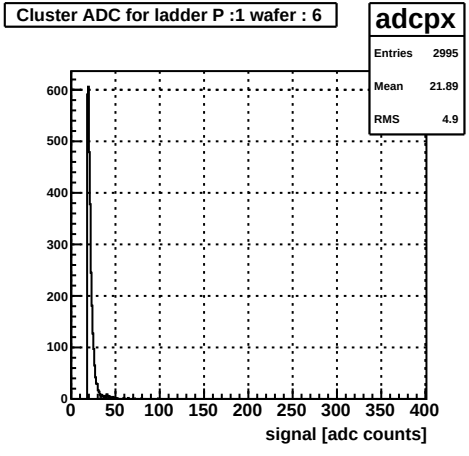

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 4966
Mean 21.14
RMS 3.175
signal [adc counts]

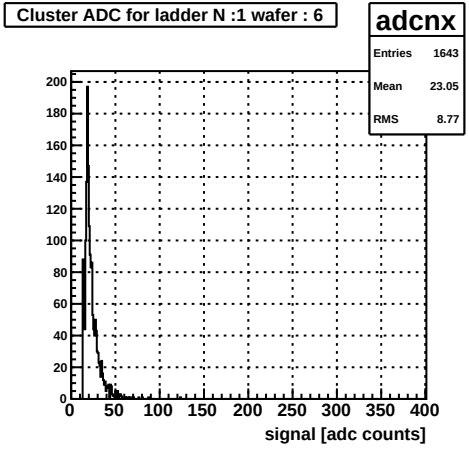

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 678
Mean 19.57
RMS 6.371
signal [adc counts]

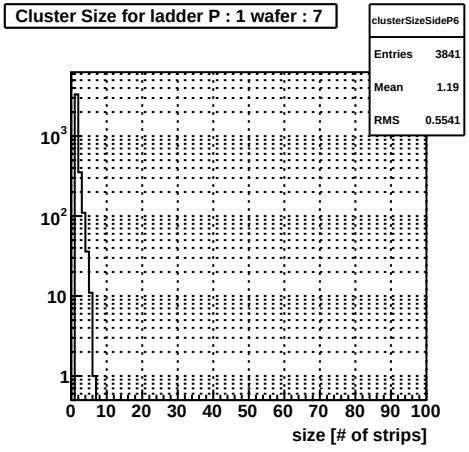

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2995
Mean 1.019
RMS 0.1484
size [# of strips]

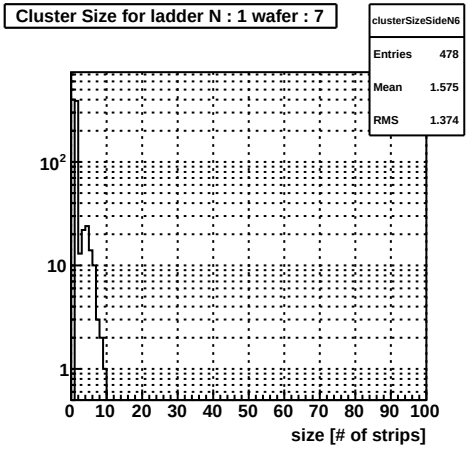

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 1643
Mean 1.034
RMS 0.2342
size [# of strips]

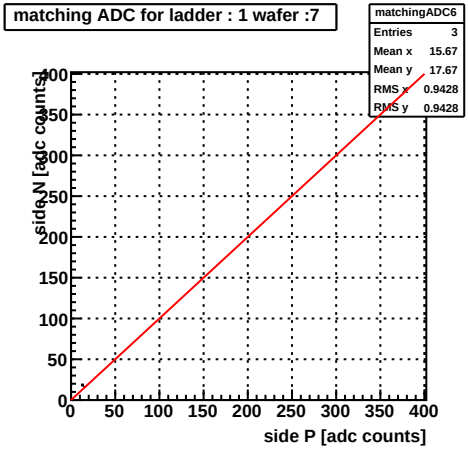

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 168
Mean x 18.85
Mean y 24.7
RMS x 5.024
RMS y 10.53
side N [adc counts]
side P [adc counts]

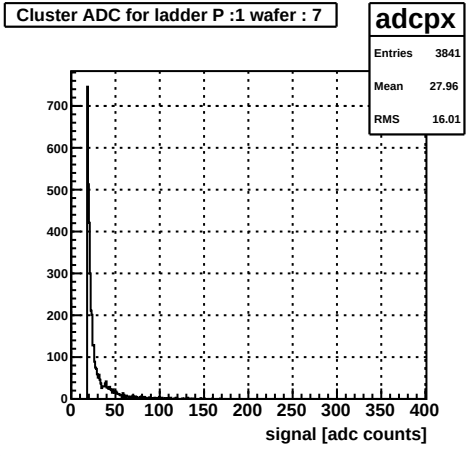

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2995
Mean 21.89
RMS 4.9
signal [adc counts]

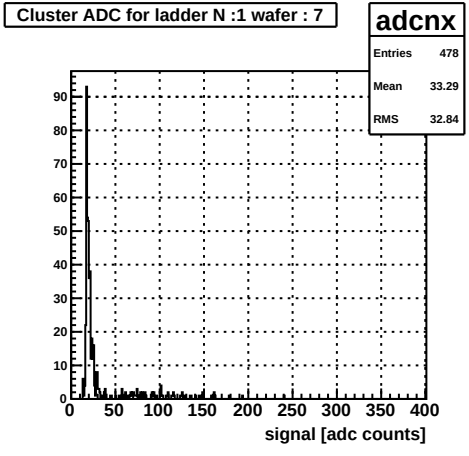

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 1643
Mean 23.05
RMS 8.77
signal [adc counts]

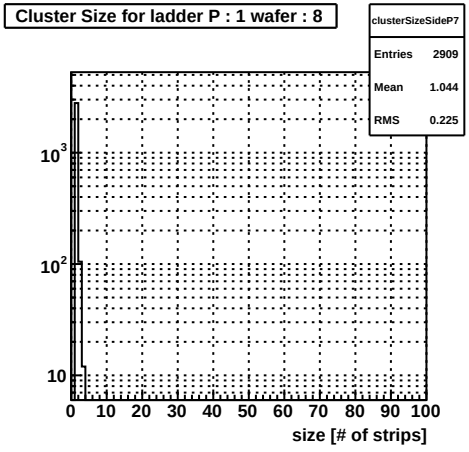

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3841
Mean 1.19
RMS 0.5541
size [# of strips]

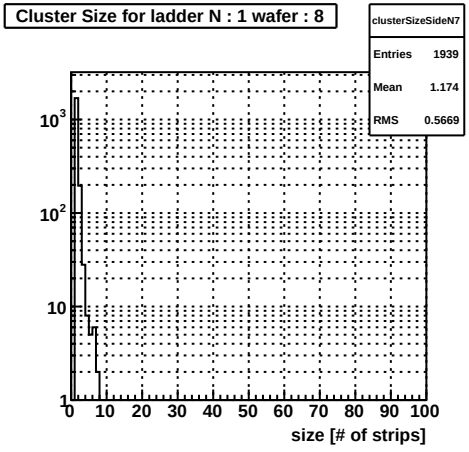

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 478
Mean 1.575
RMS 1.374
size [# of strips]

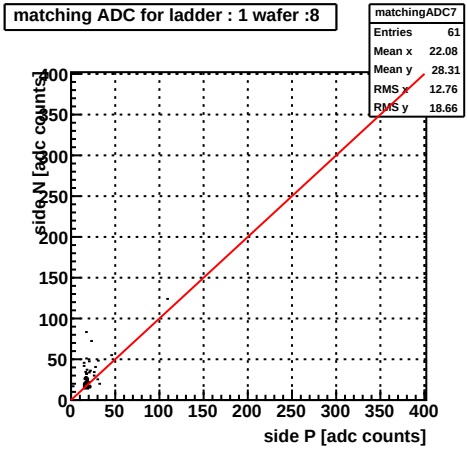

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3
Mean x 15.67
Mean y 17.67
RMS x 0.9428
RMS y 0.9428
side N [adc counts]
side P [adc counts]

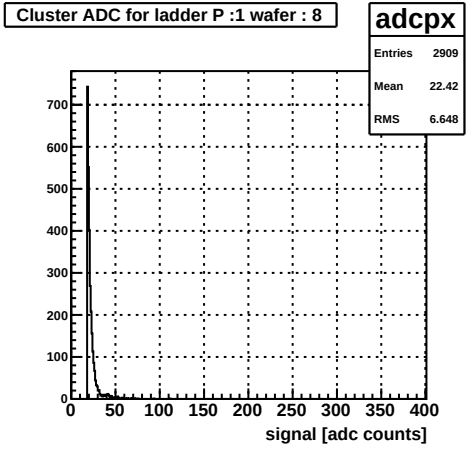

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3841
Mean 27.96
RMS 16.01
signal [adc counts]

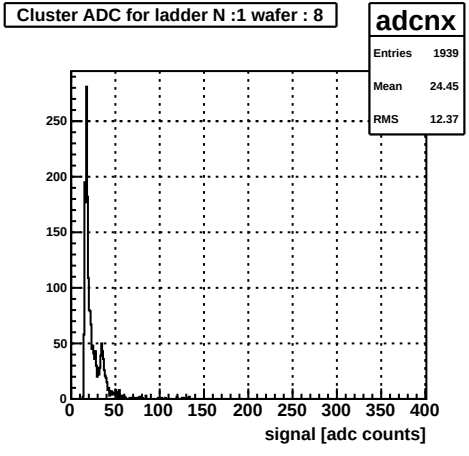

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 478
Mean 33.29
RMS 32.84
signal [adc counts]

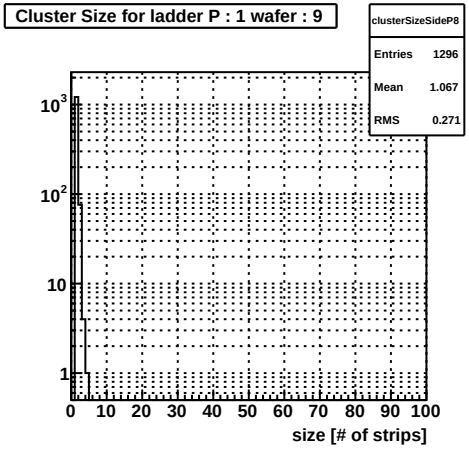

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2909
Mean 1.044
RMS 0.225
size [# of strips]

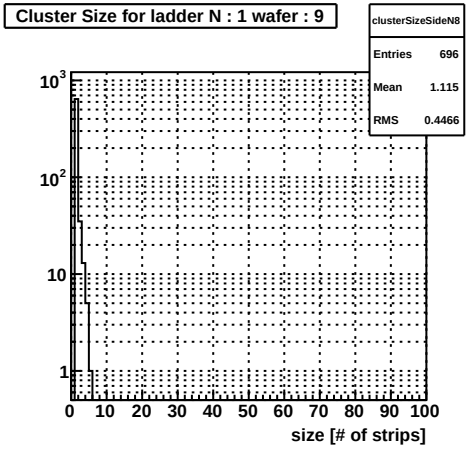

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1939
Mean 1.174
RMS 0.5669
size [# of strips]

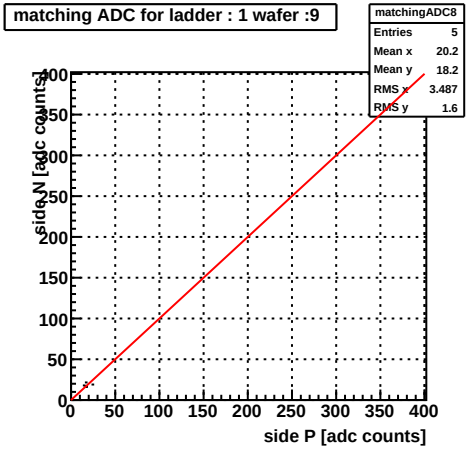

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 61
Mean x 22.08
Mean y 28.31
RMS x 12.76
RMS y 18.66
side N [adc counts]
side P [adc counts]

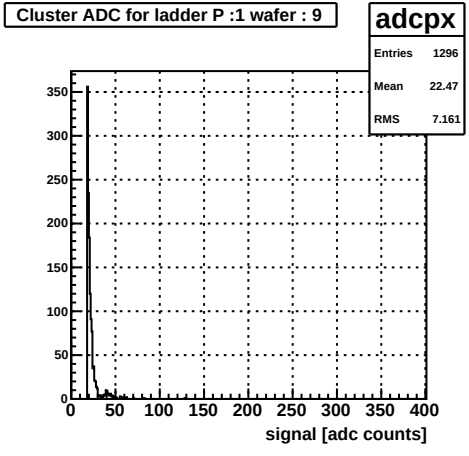

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2909
Mean 22.42
RMS 6.648
signal [adc counts]

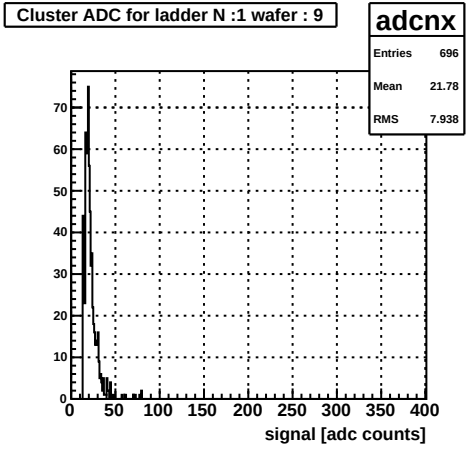

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1939
Mean 24.45
RMS 12.37
signal [adc counts]

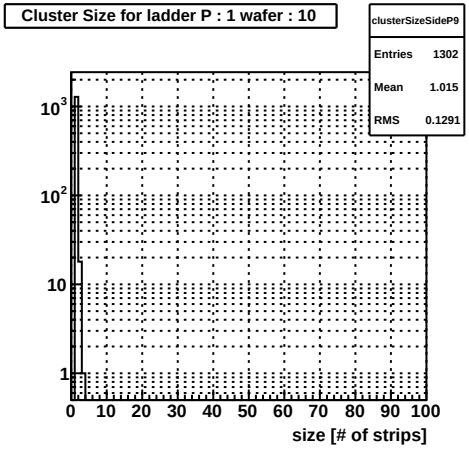

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1296
Mean 1.067
RMS 0.271
size [# of strips]

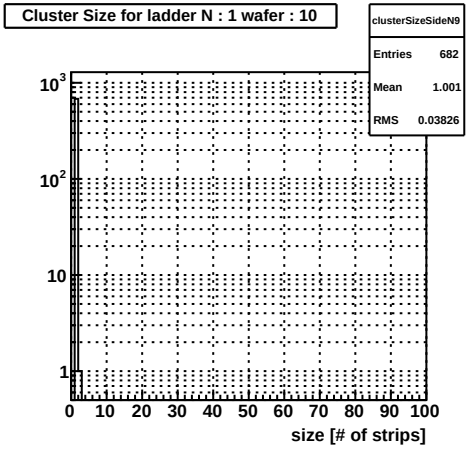

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 696
Mean 1.115
RMS 0.4466
size [# of strips]

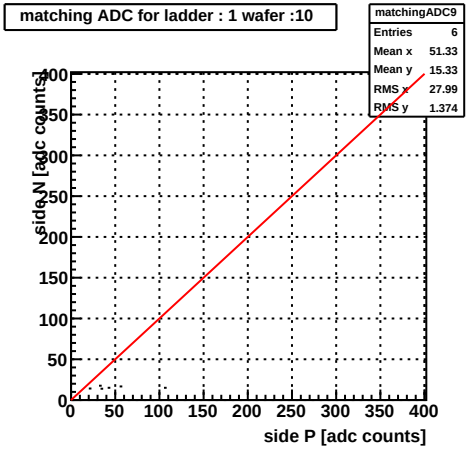

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 5
Mean x 20.2
Mean y 18.2
RMS x 3.487
RMS y 1.6
side N [adc counts]
side P [adc counts]

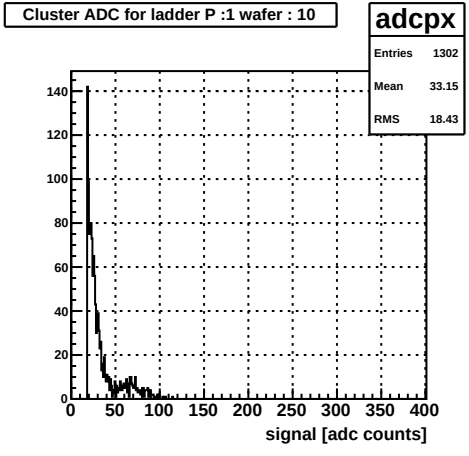

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1296
Mean 22.47
RMS 7.161
signal [adc counts]

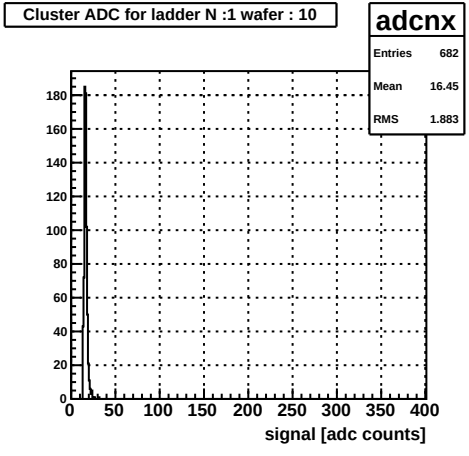

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 696
Mean 21.78
RMS 7.938
signal [adc counts]

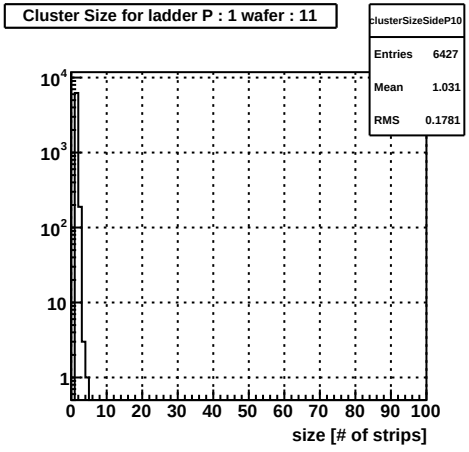

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1302
Mean 1.015
RMS 0.1291
size [# of strips]

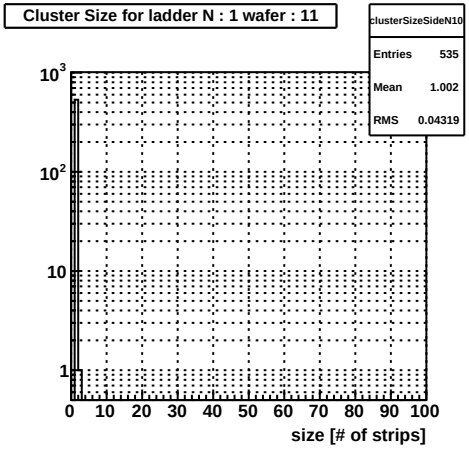

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 682
Mean 1.001
RMS 0.03826
size [# of strips]

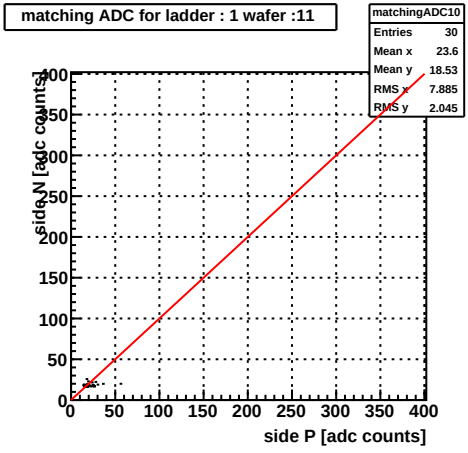

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 6
Mean x 51.33
Mean y 15.33
RMS x 27.99
RMS y 1.374
side N [adc counts]
side P [adc counts]

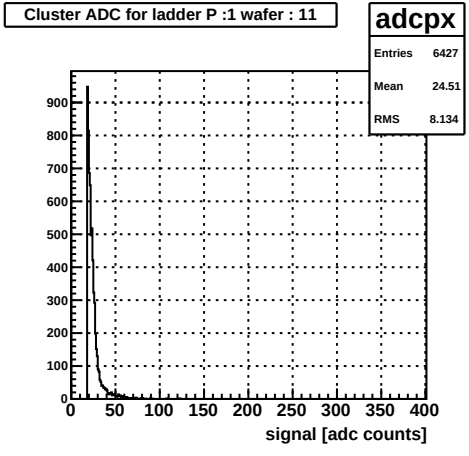

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1302
Mean 33.15
RMS 18.43
signal [adc counts]

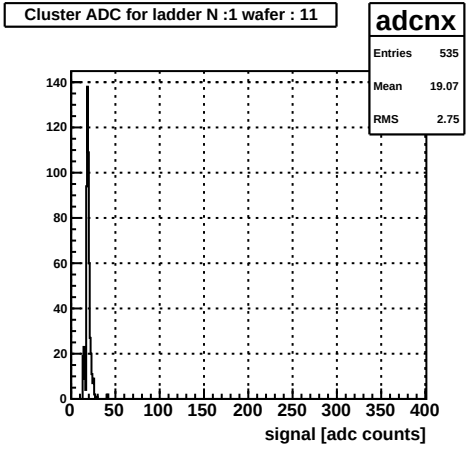

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 682
Mean 16.45
RMS 1.883
signal [adc counts]

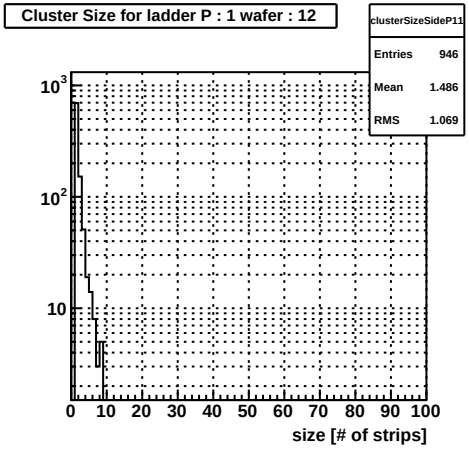

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6427
Mean 1.031
RMS 0.1781
size [# of strips]

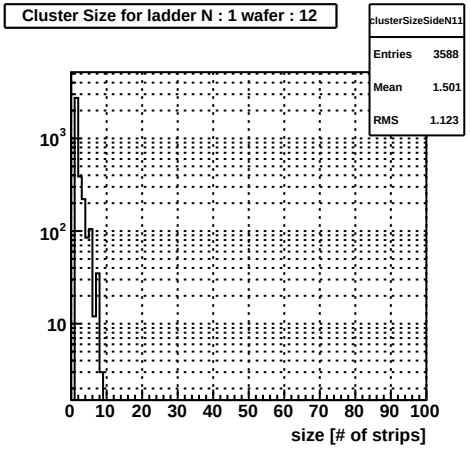

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 535
Mean 1.002
RMS 0.04319
size [# of strips]

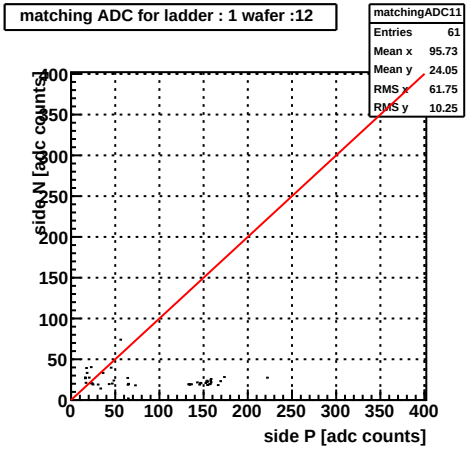

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 30
Mean x 23.6
Mean y 18.53
RMS x 7.885
RMS y 2.045
side N [adc counts]
side P [adc counts]

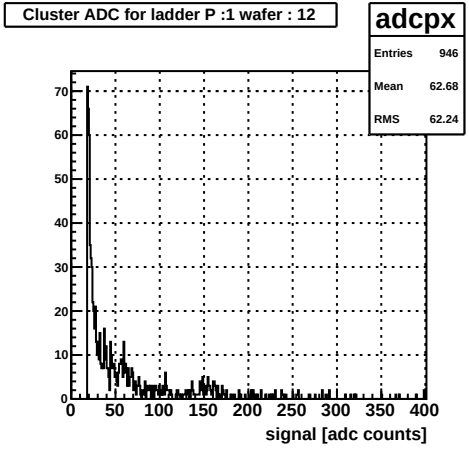

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6427
Mean 24.51
RMS 8.134
signal [adc counts]

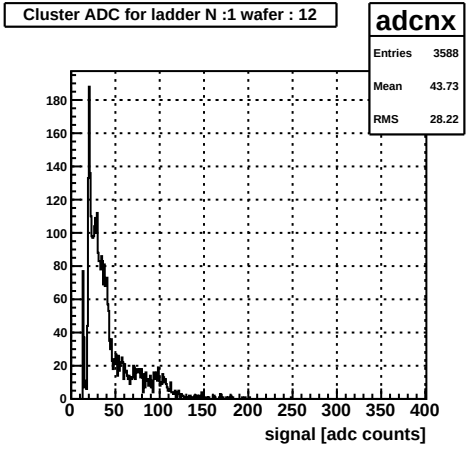

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 535
Mean 19.07
RMS 2.75
signal [adc counts]

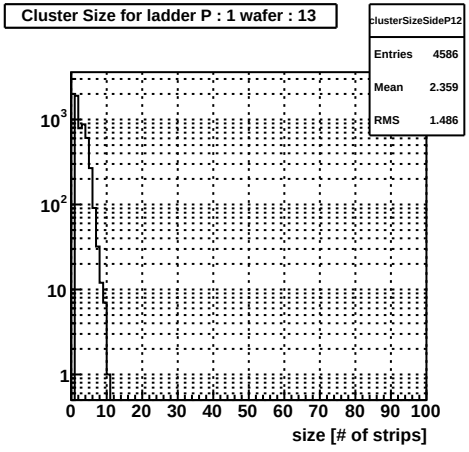

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 946
Mean 1.486
RMS 1.069
size [# of strips]

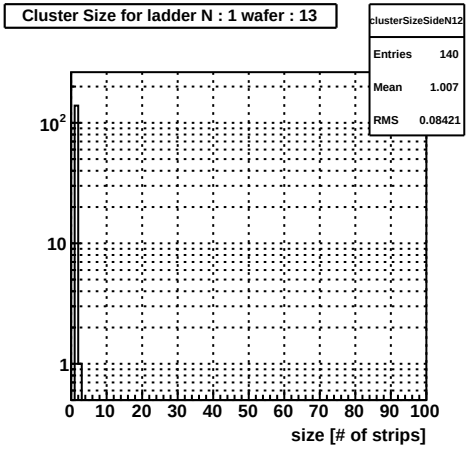

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3588
Mean 1.501
RMS 1.123
size [# of strips]

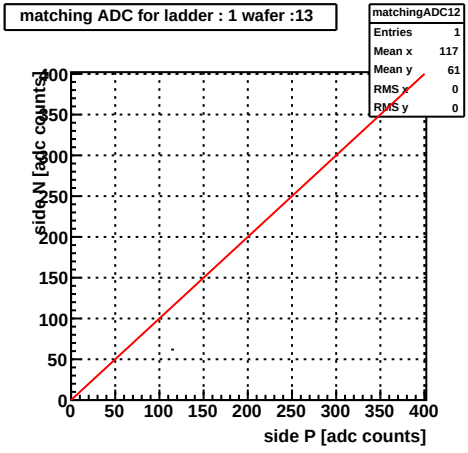

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 61
Mean x 95.73
Mean y 24.05
RMS x 61.75
RMS y 10.25
side N [adc counts]
side P [adc counts]

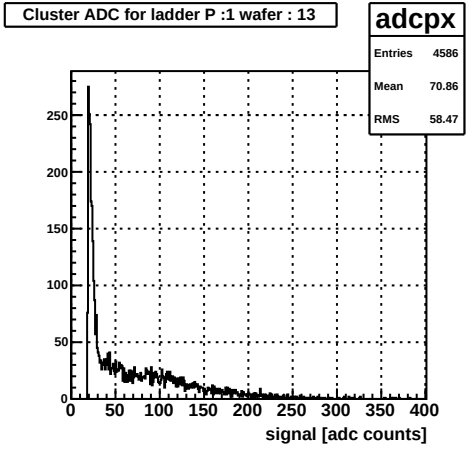

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 946
Mean 62.68
RMS 62.24
signal [adc counts]

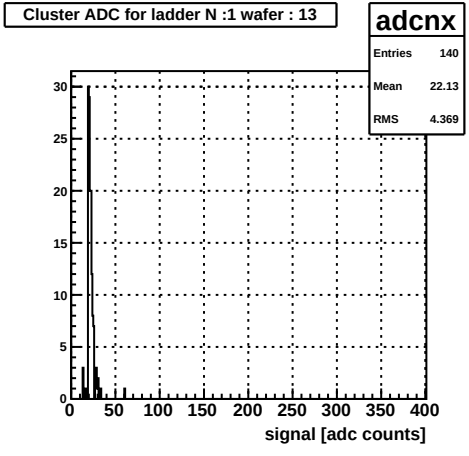

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3588
Mean 43.73
RMS 28.22
signal [adc counts]

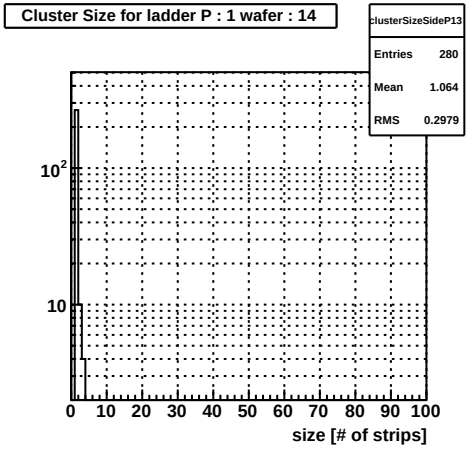

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4586
Mean 2.359
RMS 1.486
size [# of strips]

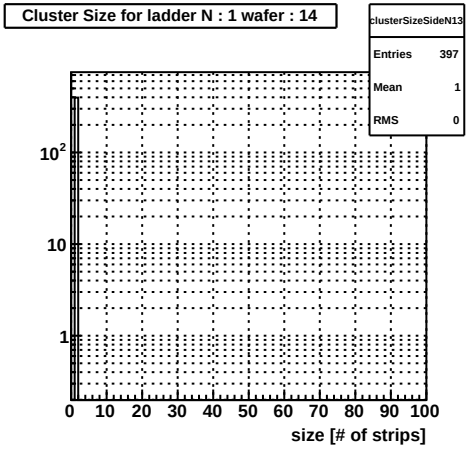

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 140
Mean 1.007
RMS 0.08421
size [# of strips]

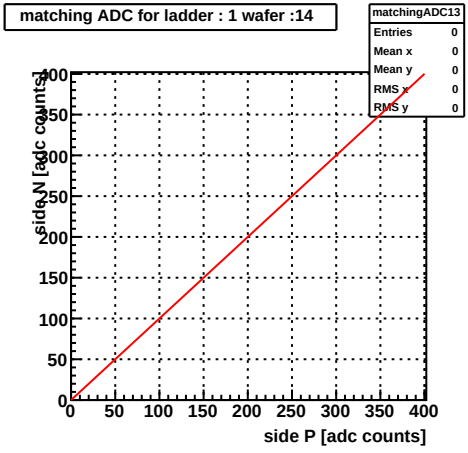

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1
Mean x 117
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

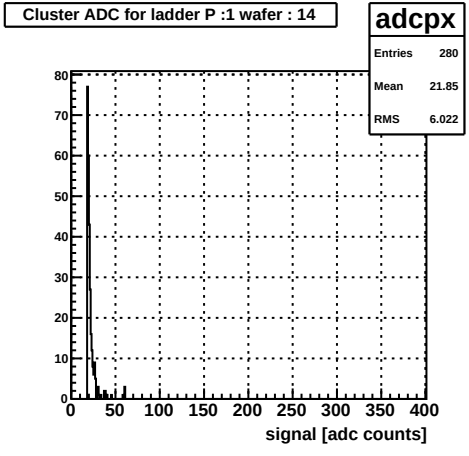

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4586
Mean 70.86
RMS 58.47
signal [adc counts]

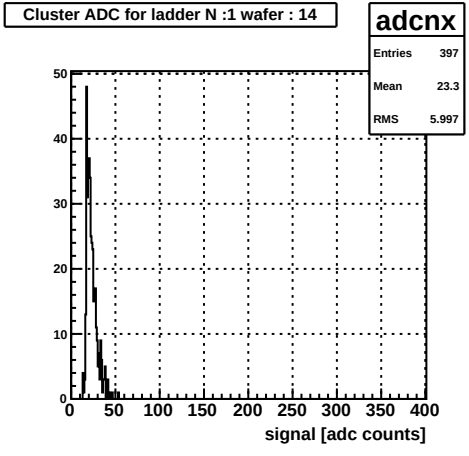

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 140
Mean 22.13
RMS 4.369
signal [adc counts]

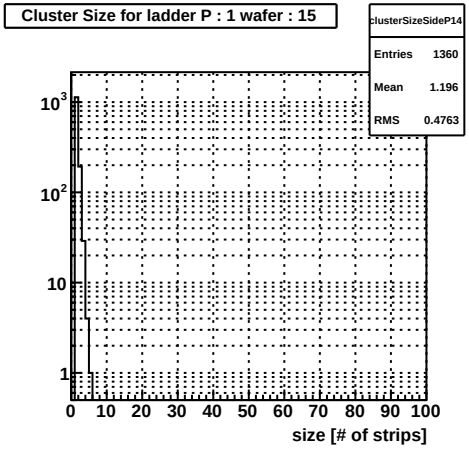

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 280
Mean 1.064
RMS 0.2979
size [# of strips]

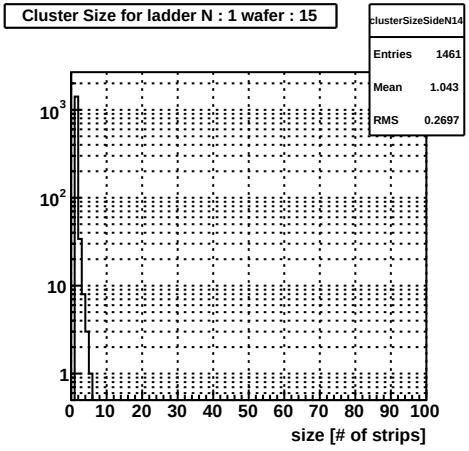

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 397
Mean 1
RMS 0
size [# of strips]

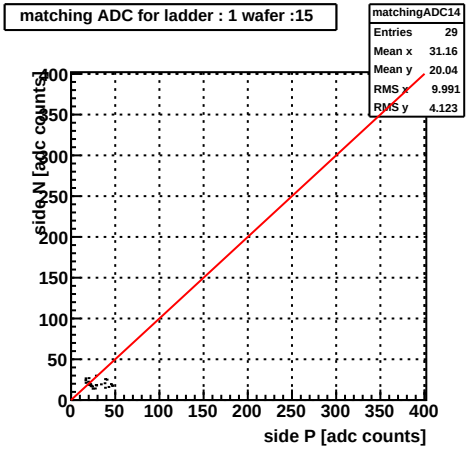

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

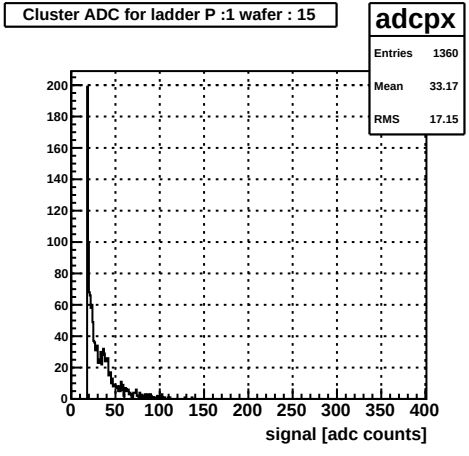

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 280
Mean 21.85
RMS 6.022
signal [adc counts]

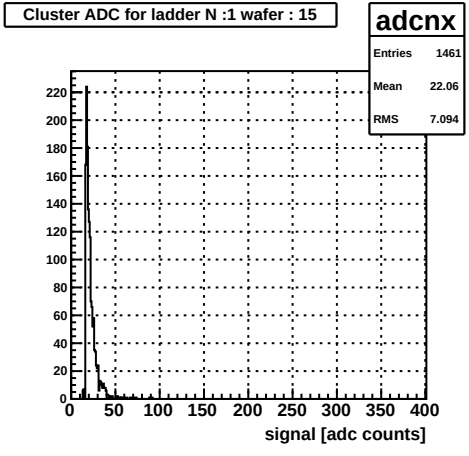

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 397
Mean 23.3
RMS 5.997
signal [adc counts]

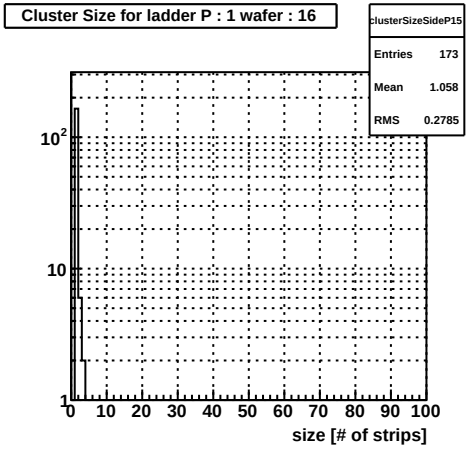

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1360
Mean 1.196
RMS 0.4763
size [# of strips]

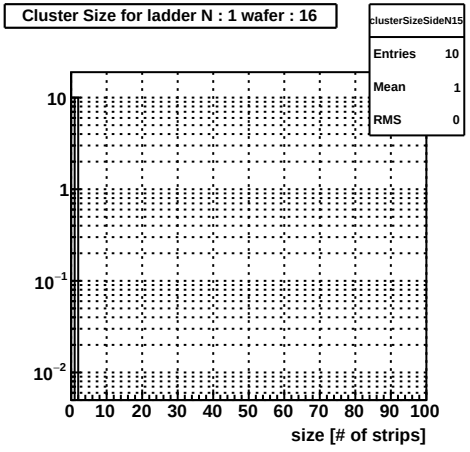

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 1461
Mean 1.043
RMS 0.2697
size [# of strips]

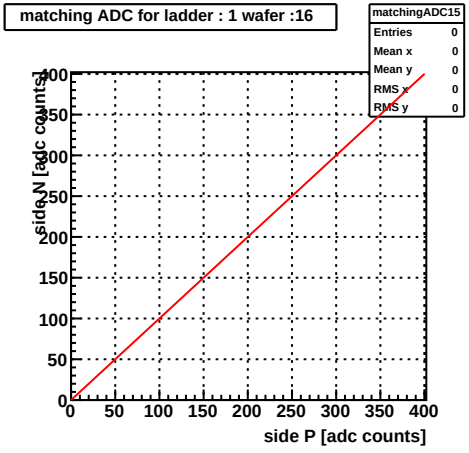

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 29
Mean x 31.16
Mean y 20.04
RMS x 9.991
RMS y 4.123
side N [adc counts]
side P [adc counts]

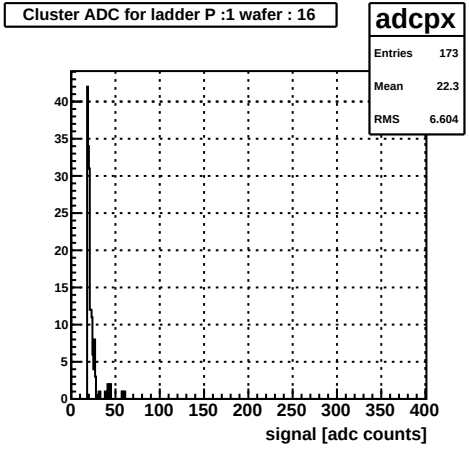

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1360
Mean 33.17
RMS 17.15
signal [adc counts]

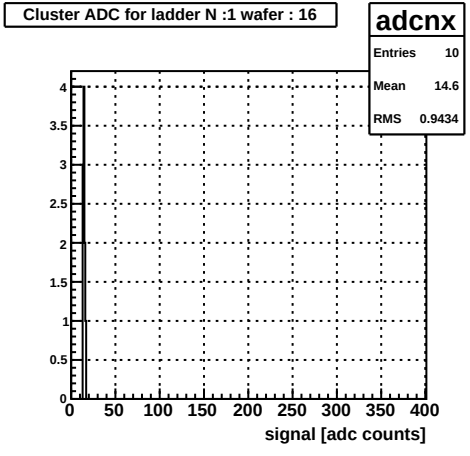

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 1461
Mean 22.06
RMS 7.094
signal [adc counts]

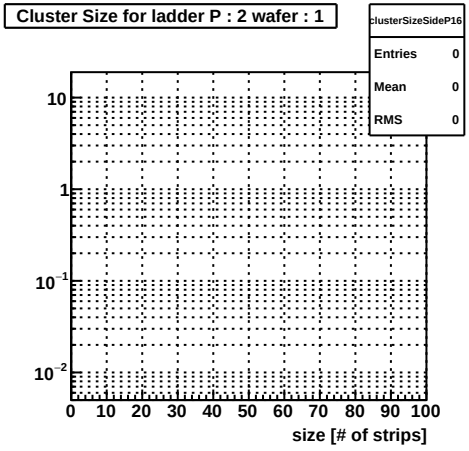

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 173
Mean 1.058
RMS 0.2785
size [# of strips]

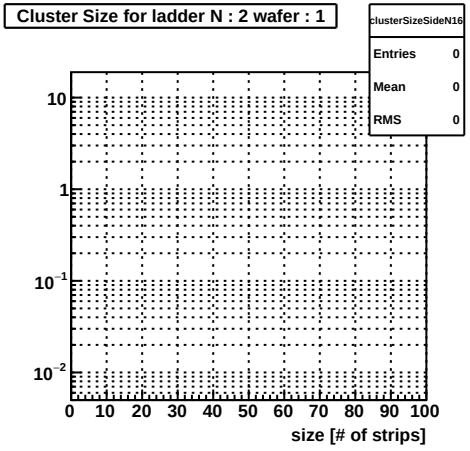

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 10
Mean 1
RMS 0
size [# of strips]

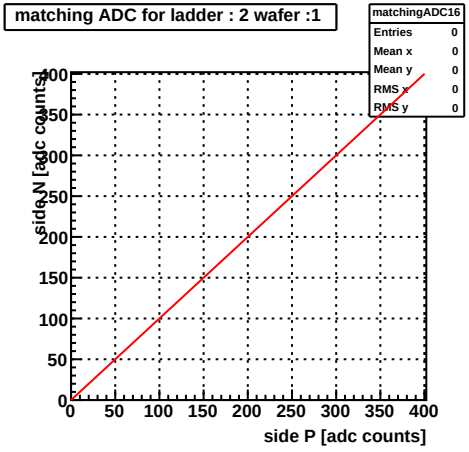

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

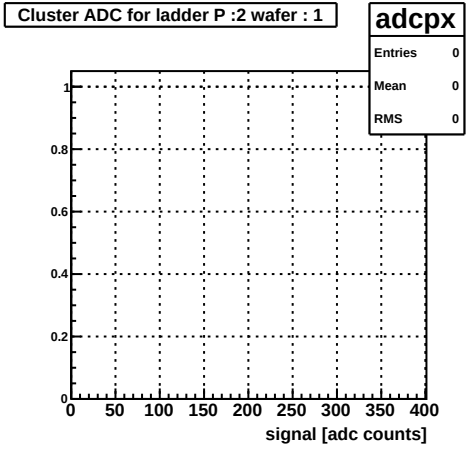

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 173
Mean 22.3
RMS 6.604
signal [adc counts]

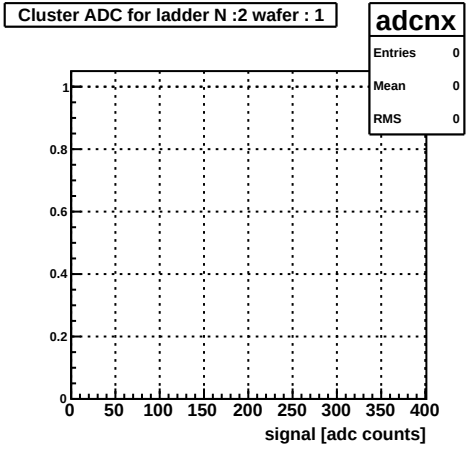

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 10
Mean 14.6
RMS 0.9434
signal [adc counts]

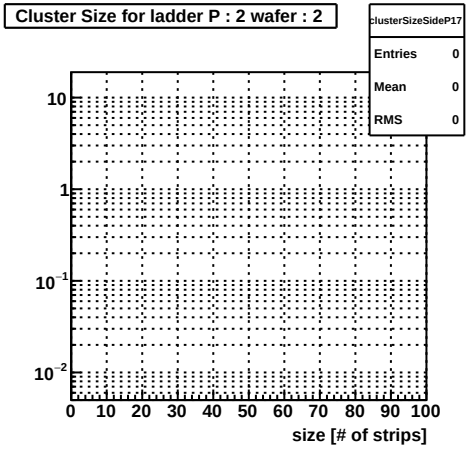

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

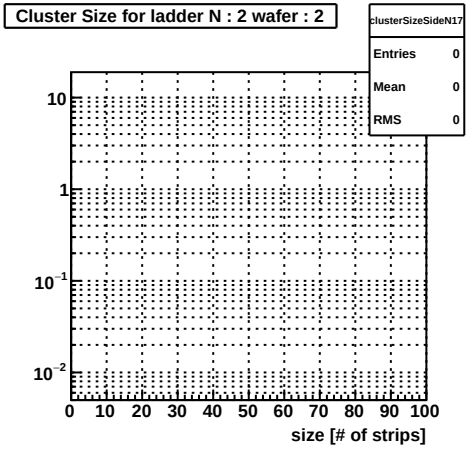

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

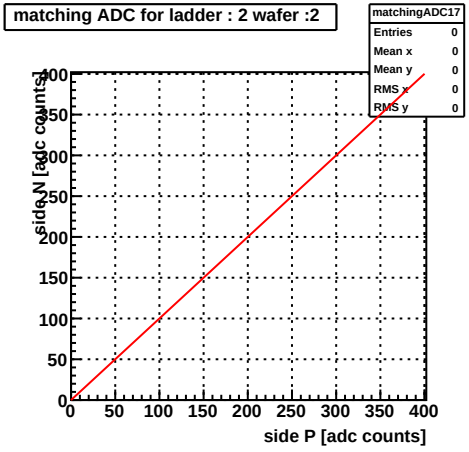

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

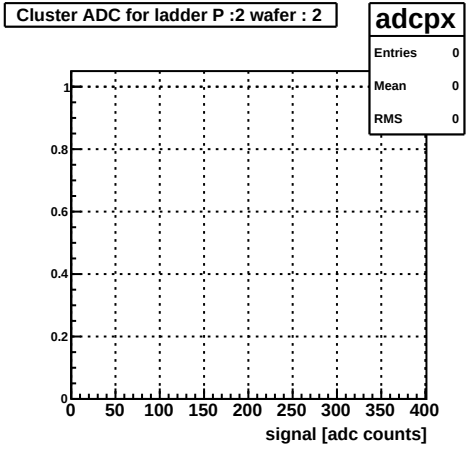

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

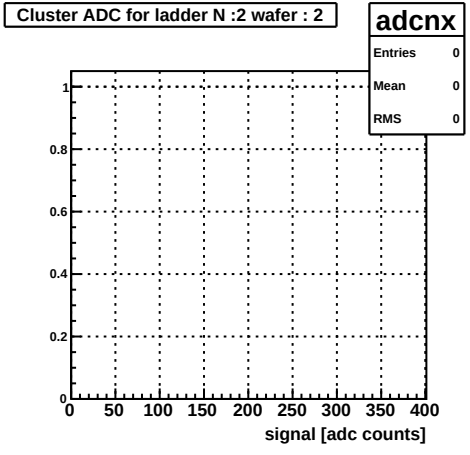

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

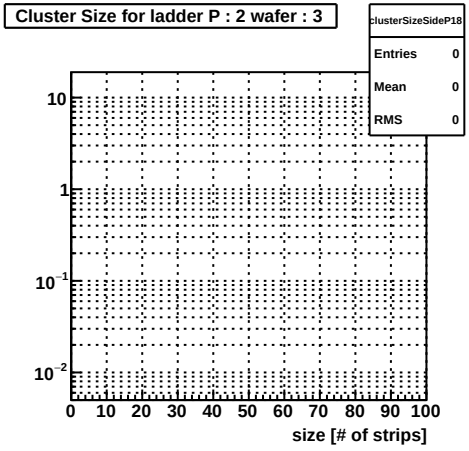

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

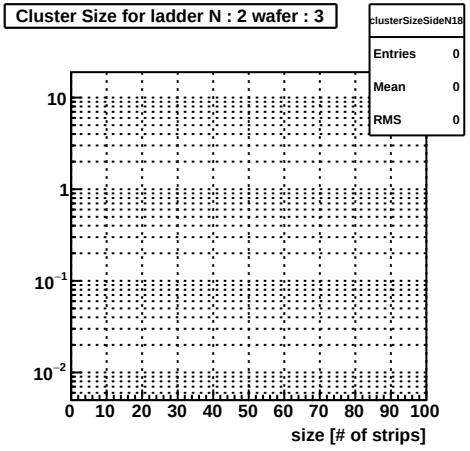

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

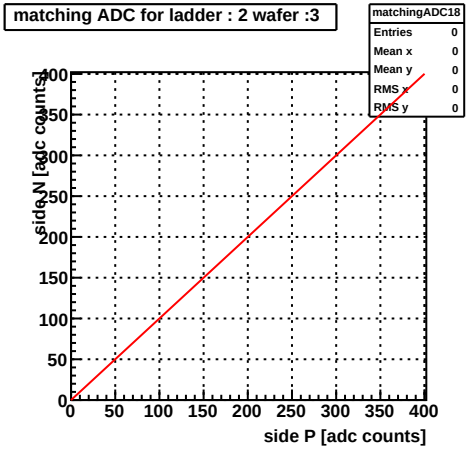

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

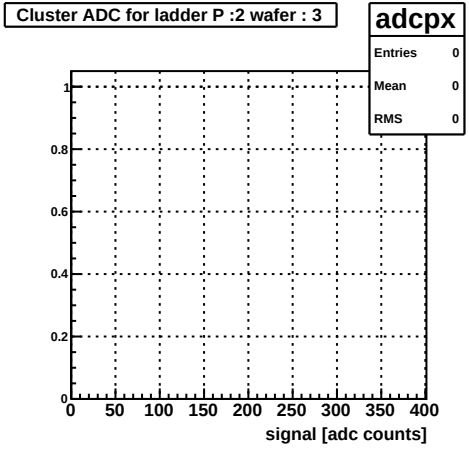

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

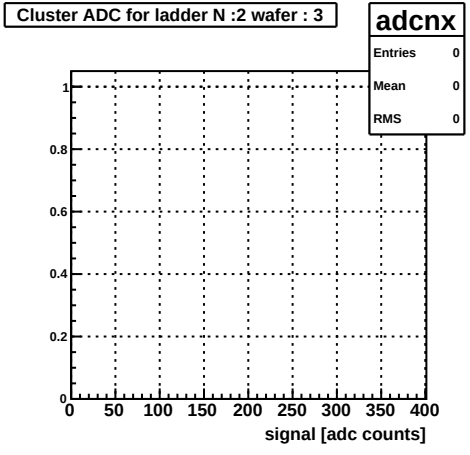

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

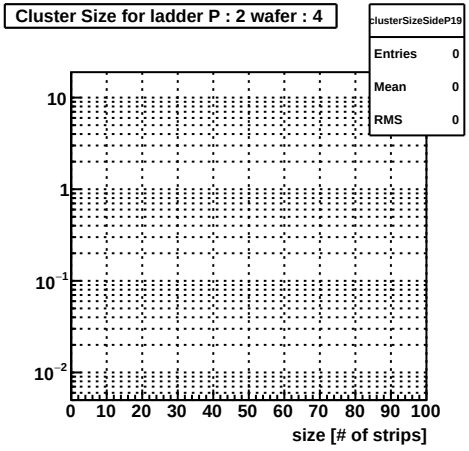

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

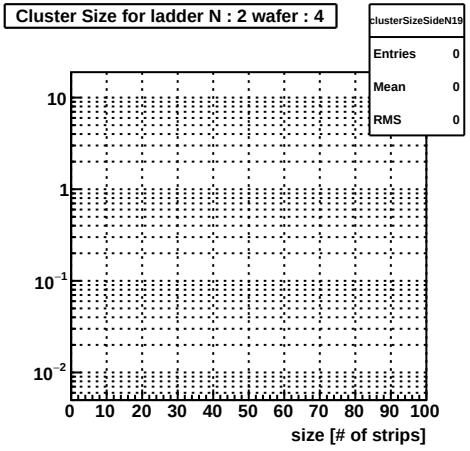

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

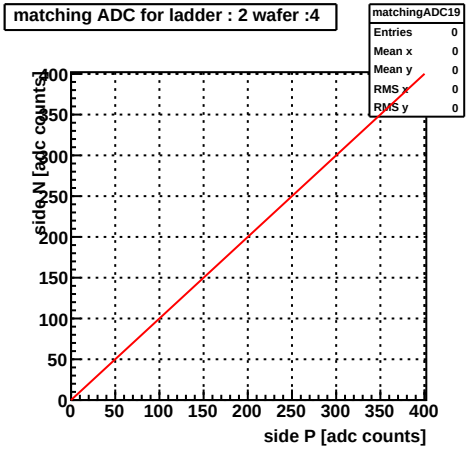

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

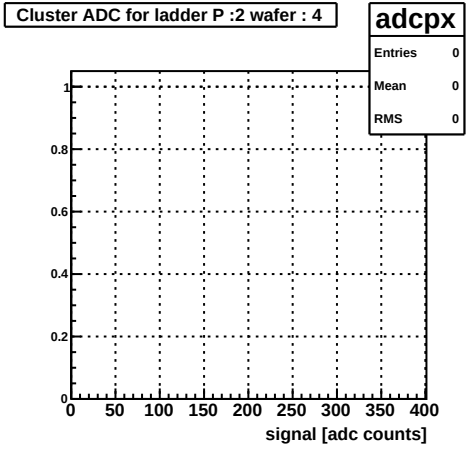

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

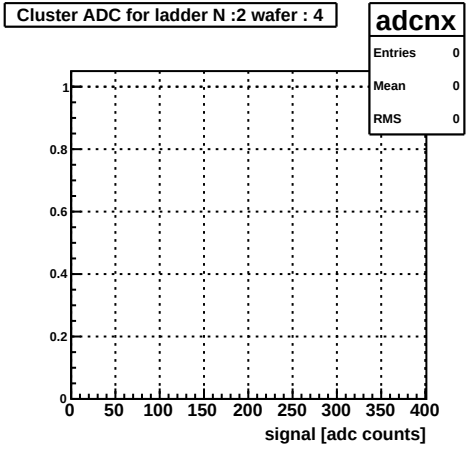

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

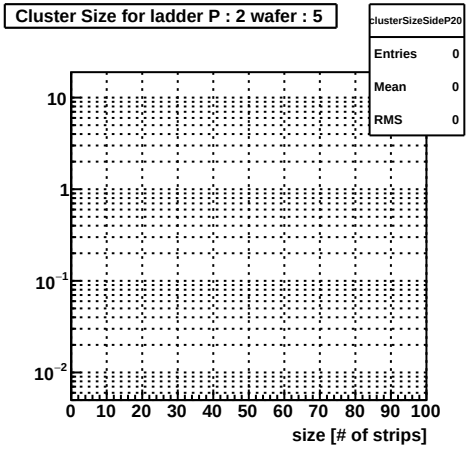

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

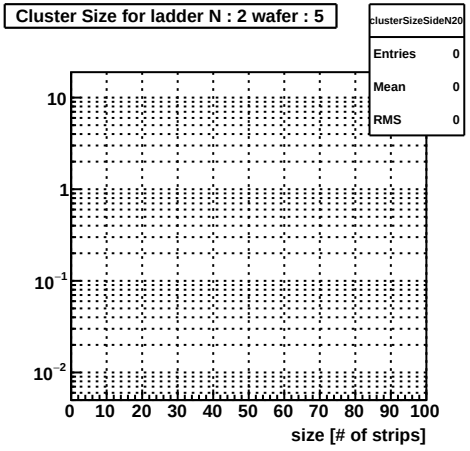

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

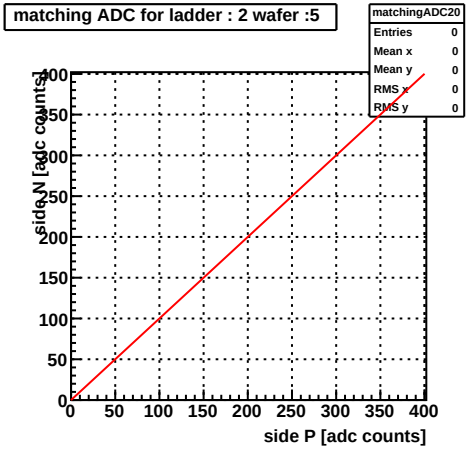

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

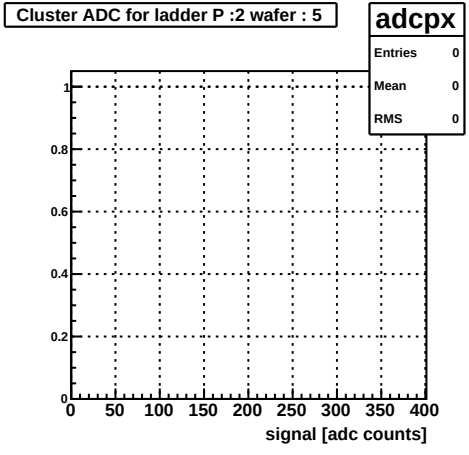

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

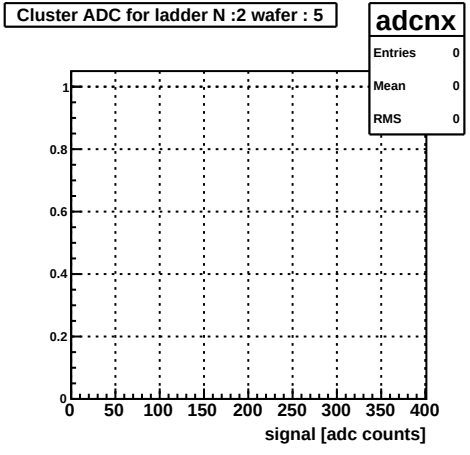

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

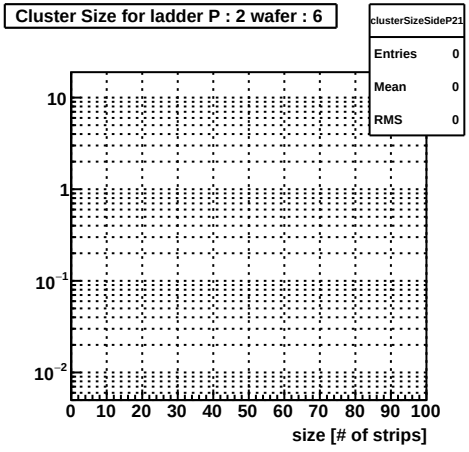

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

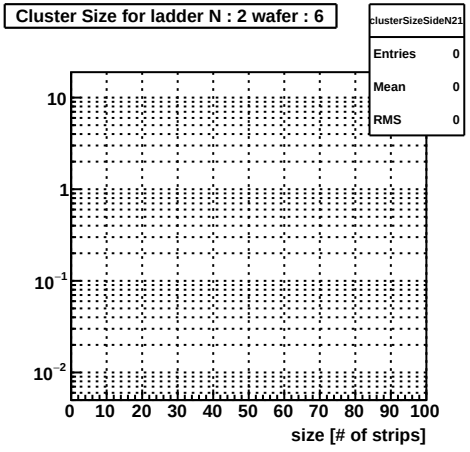

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

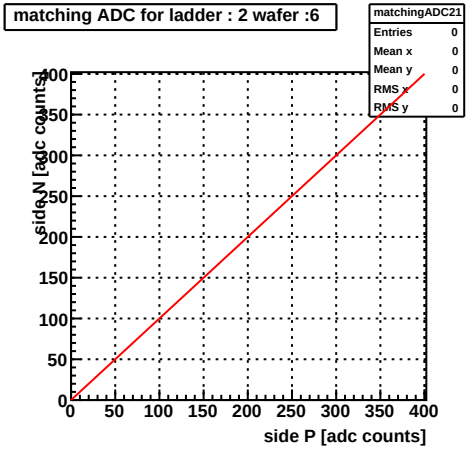

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

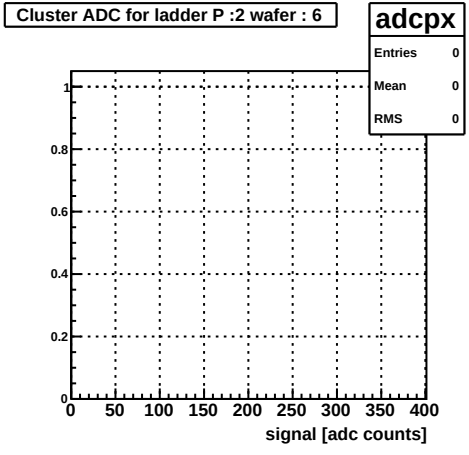

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

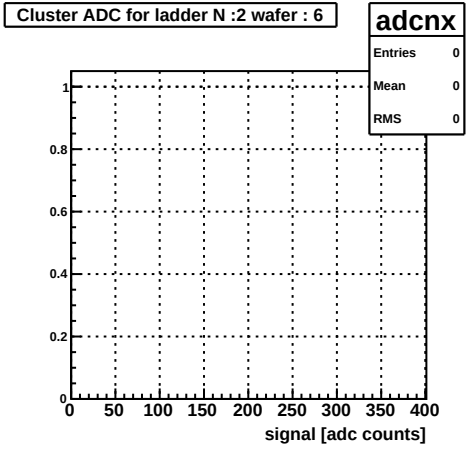

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

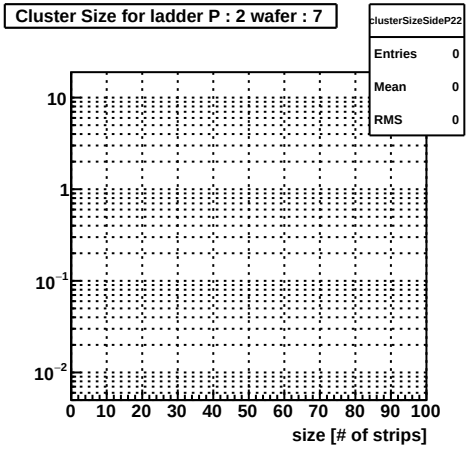

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

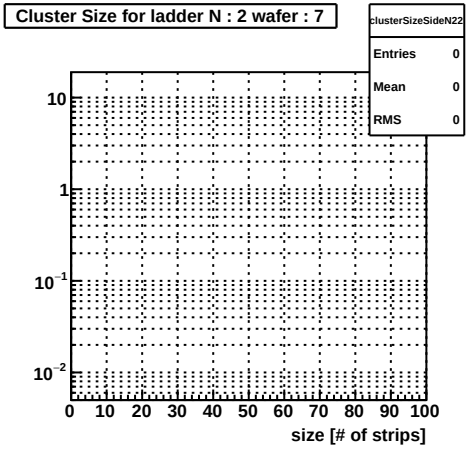

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

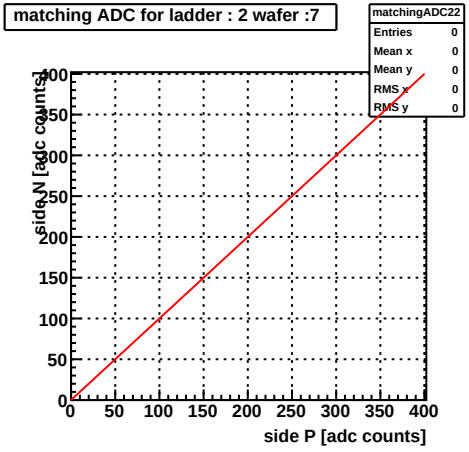

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

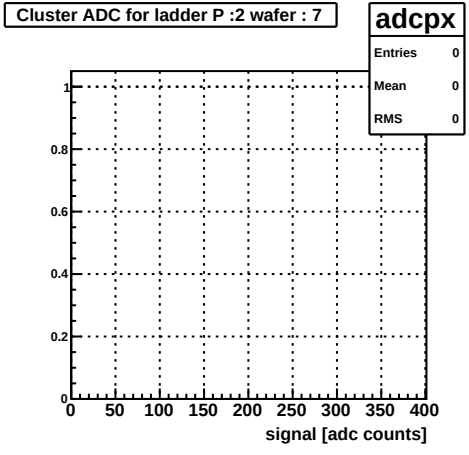

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

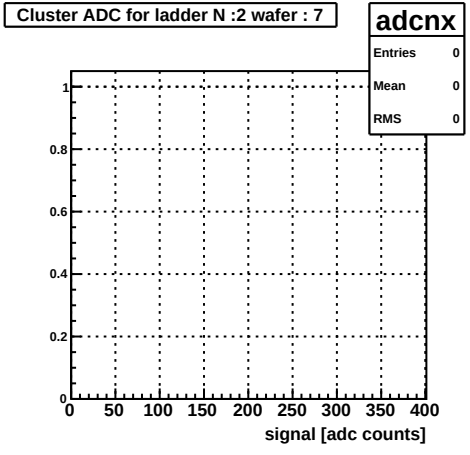

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

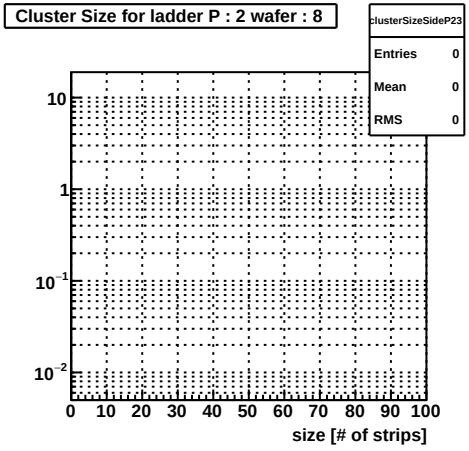

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

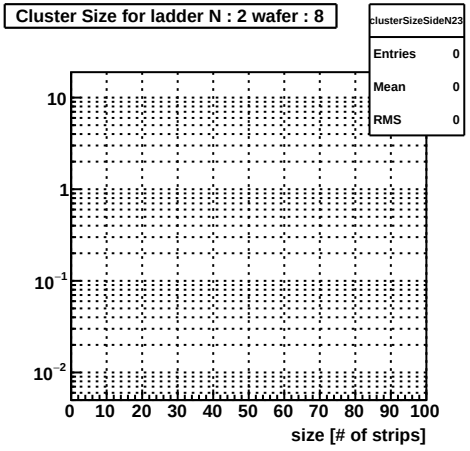

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

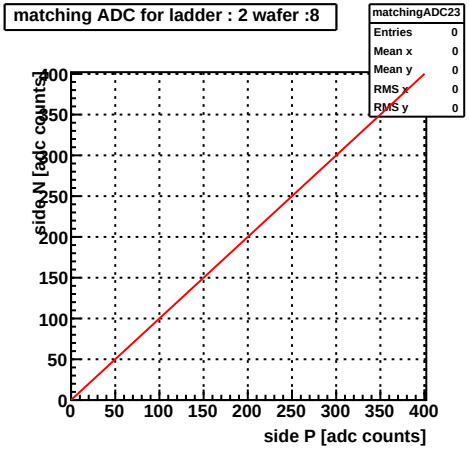

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

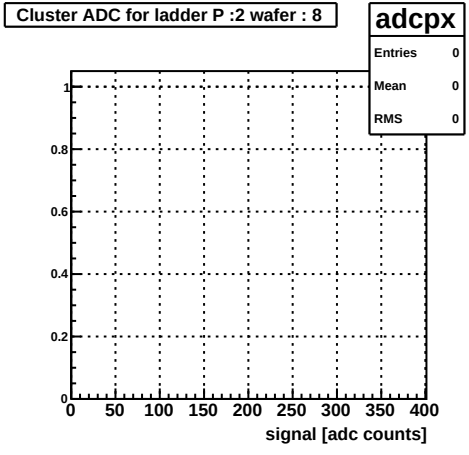

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

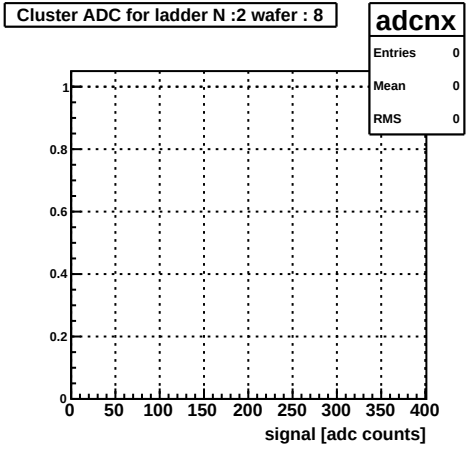

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

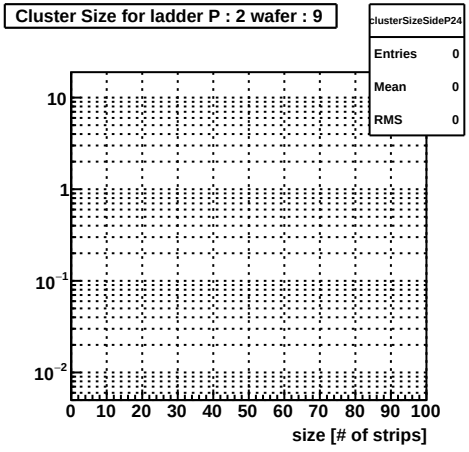

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

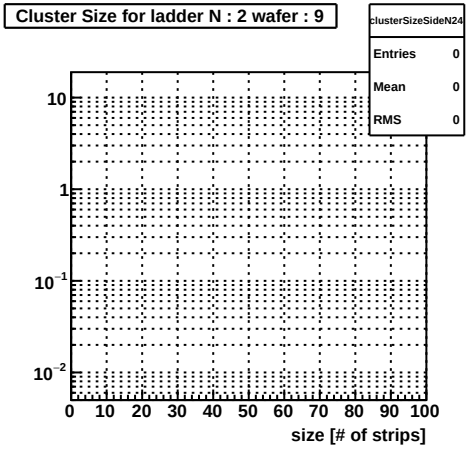

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

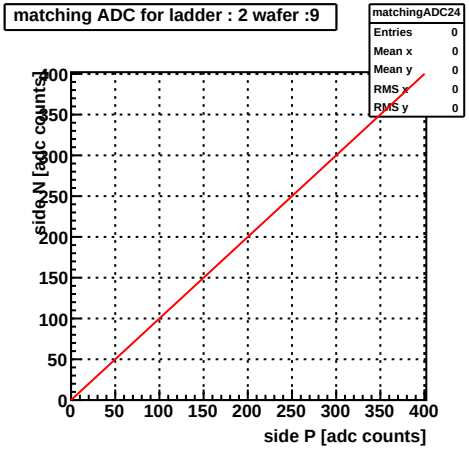

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

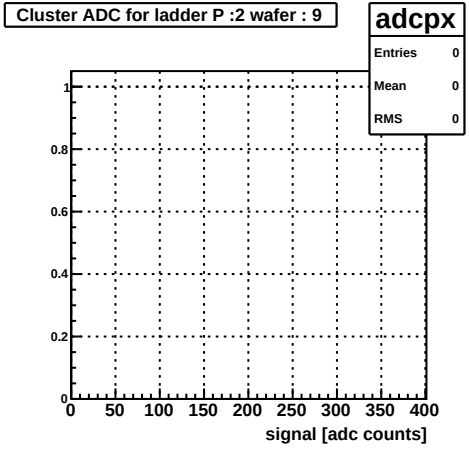

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

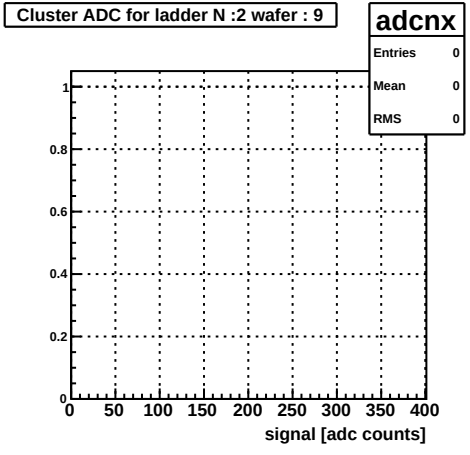

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

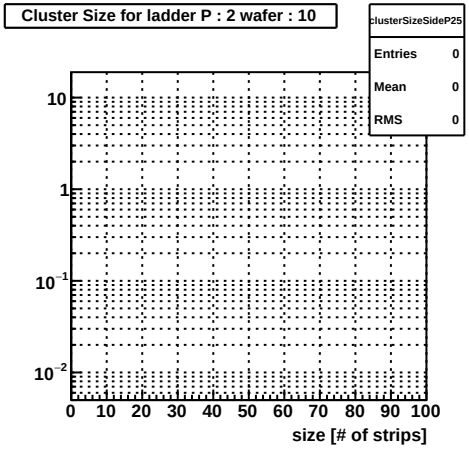

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

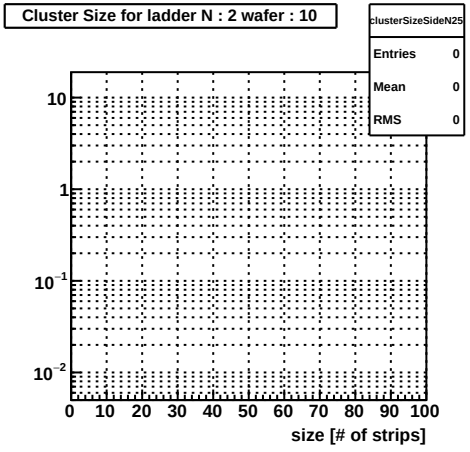

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

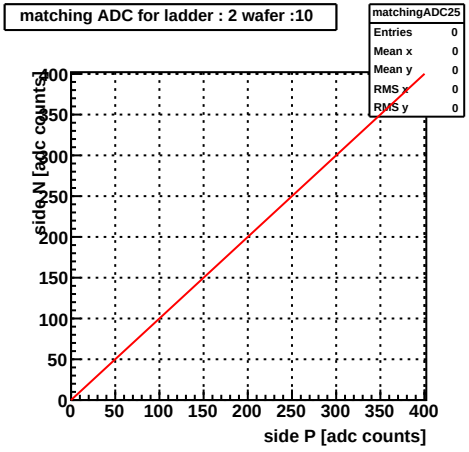

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

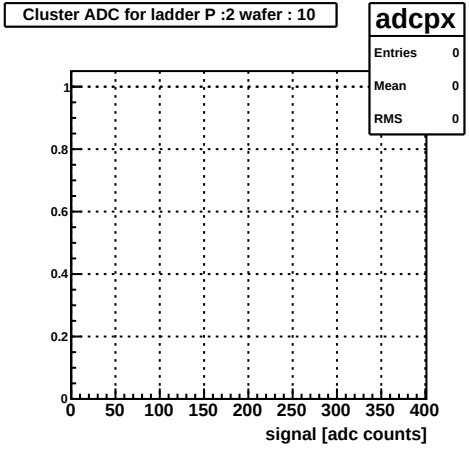

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

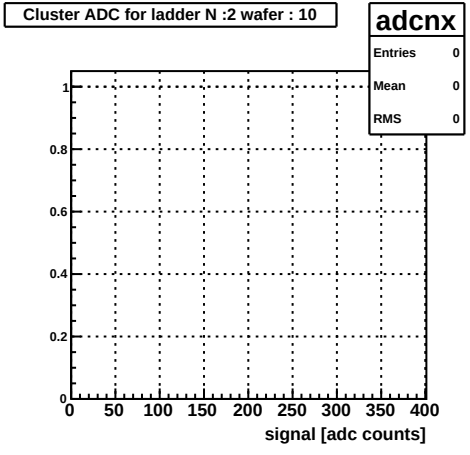

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

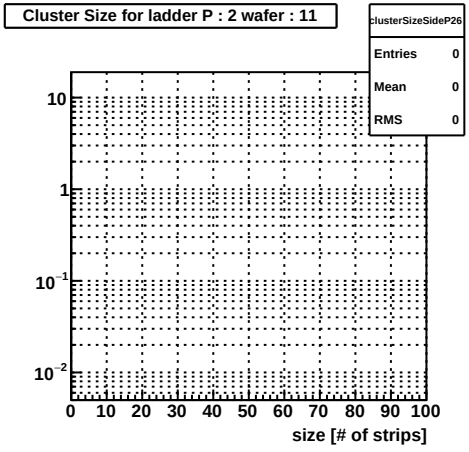

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

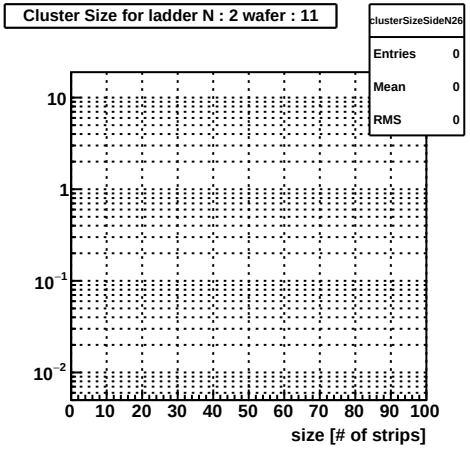

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

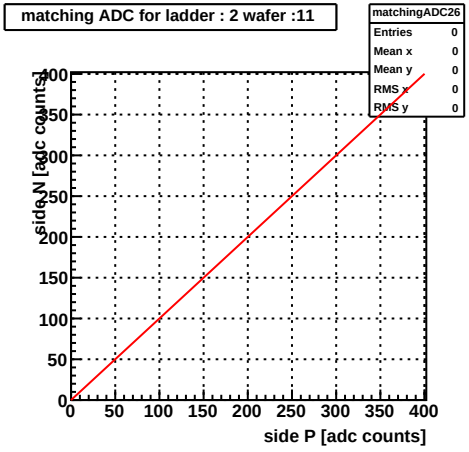

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

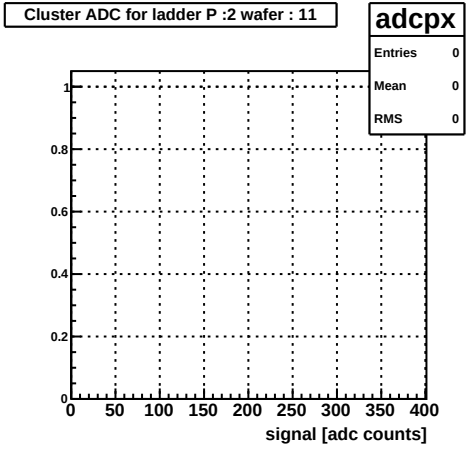

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

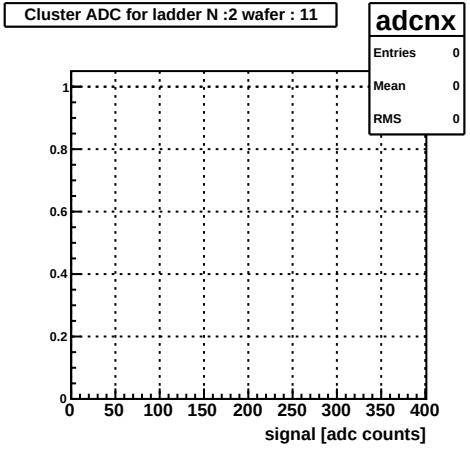

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

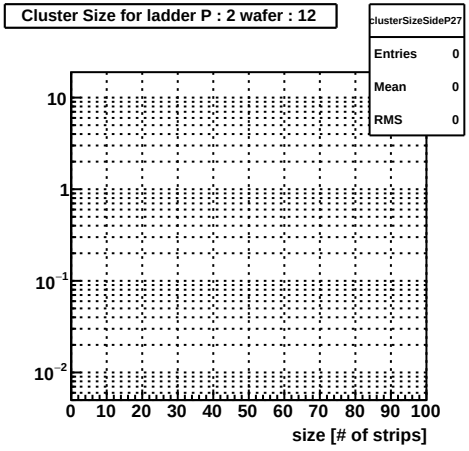

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

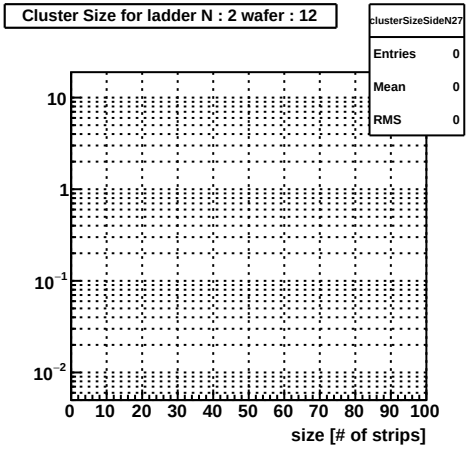

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

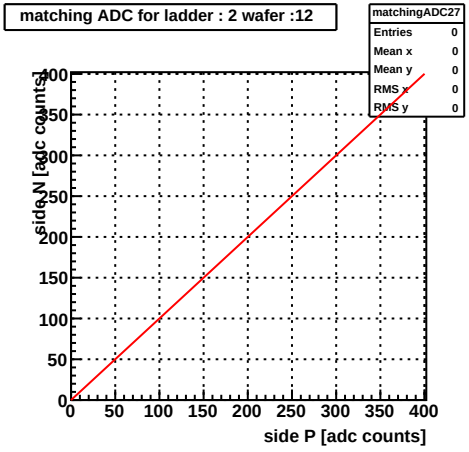

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

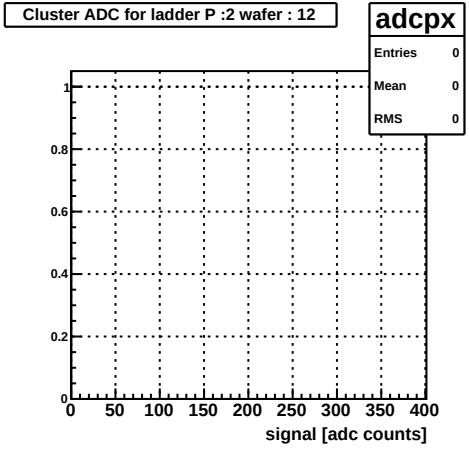

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

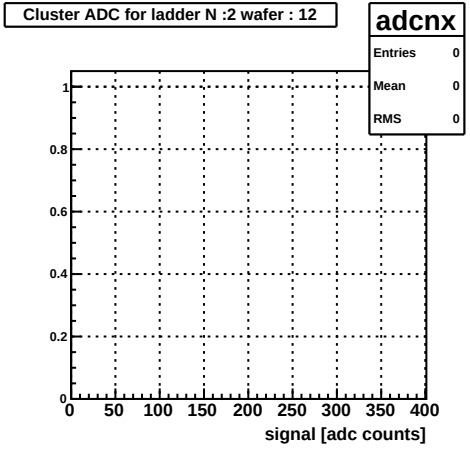

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

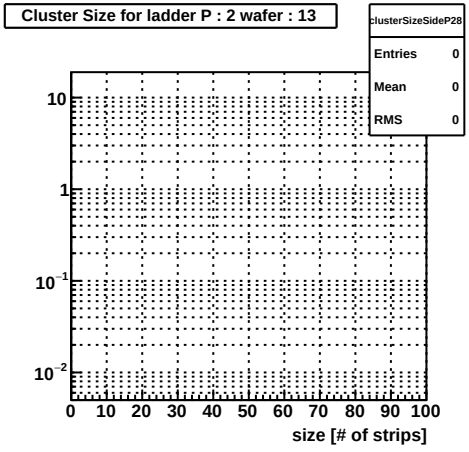

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

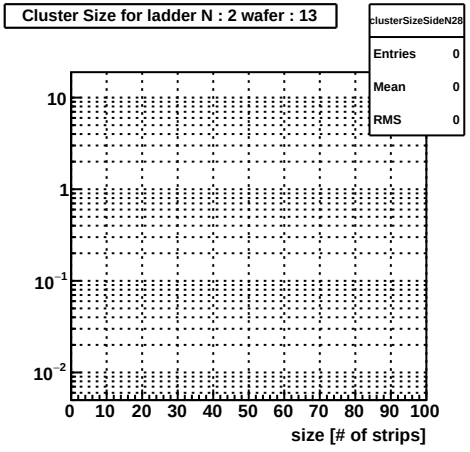

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

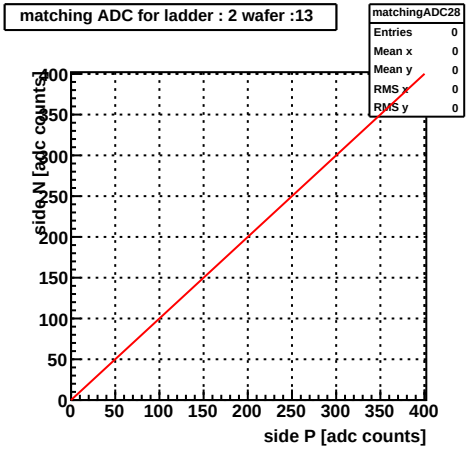

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

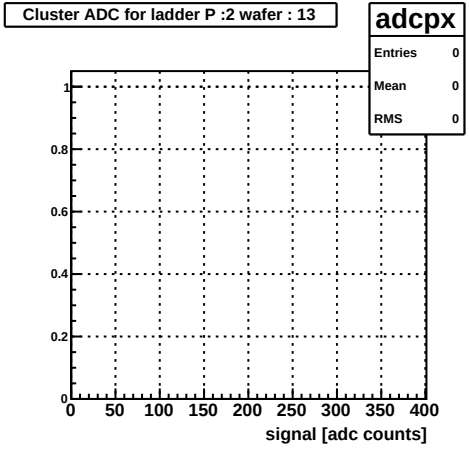

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

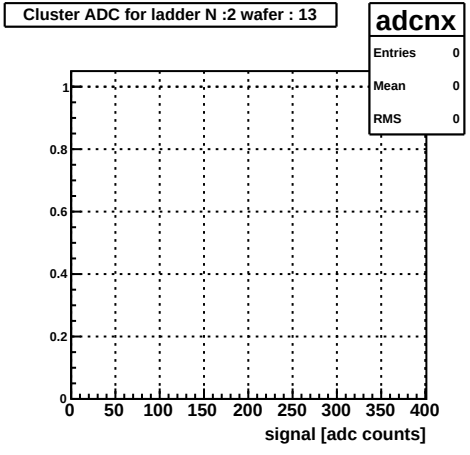

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

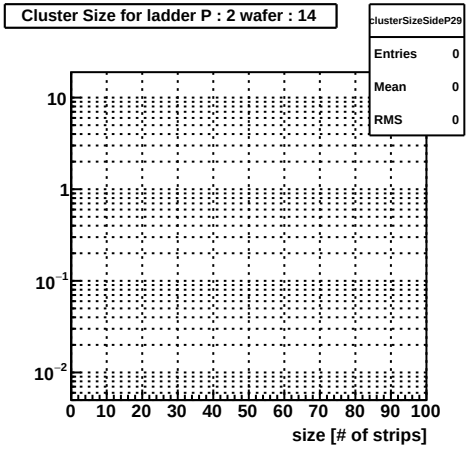

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

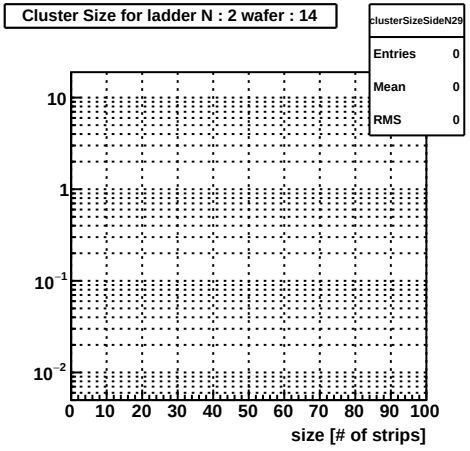

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

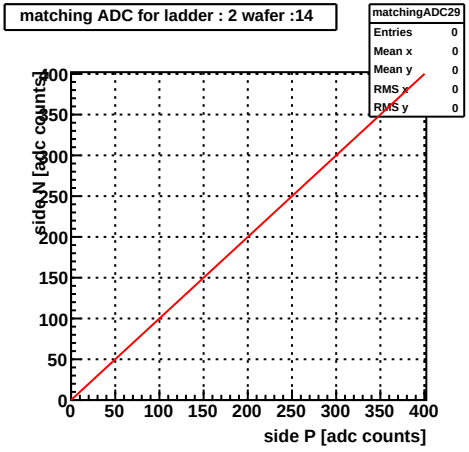

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

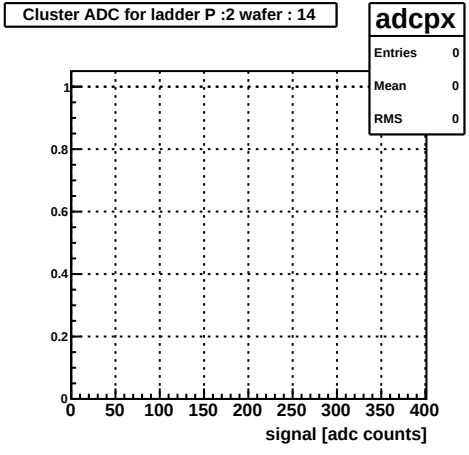

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

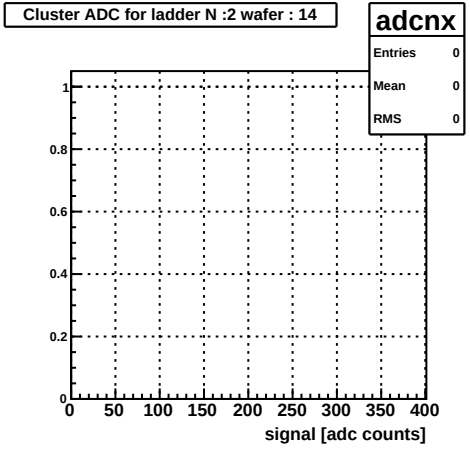

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

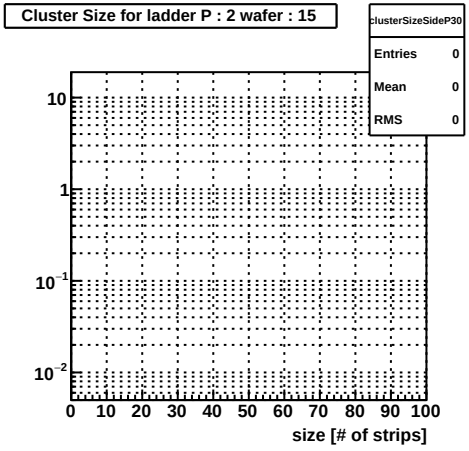

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

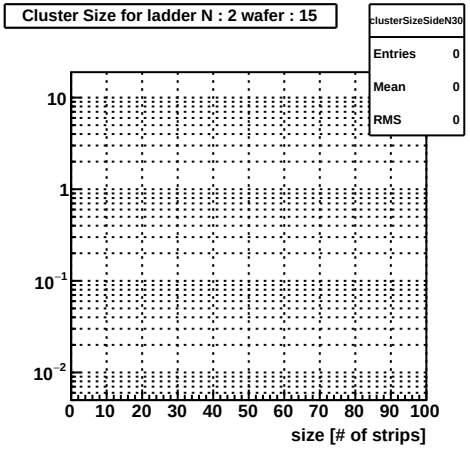

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

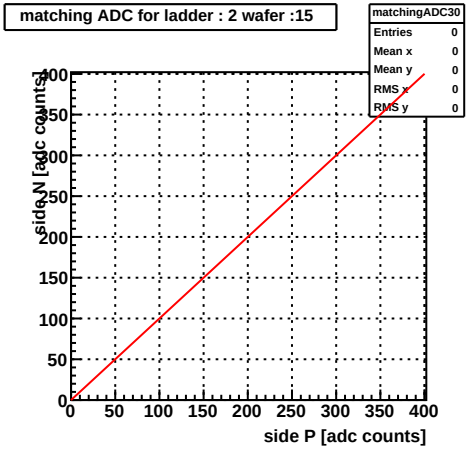

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

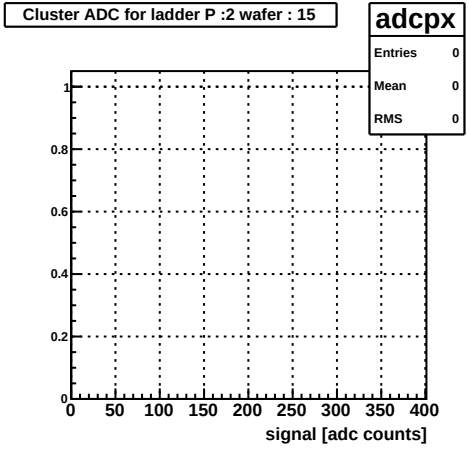

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

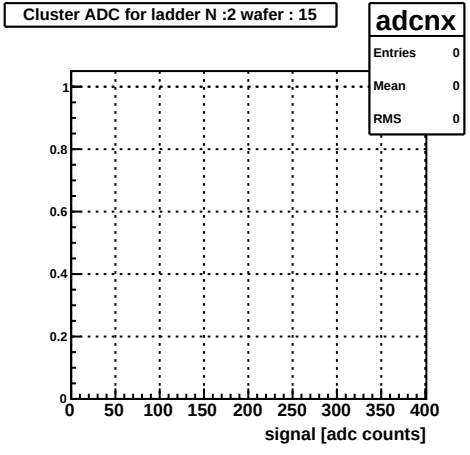

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

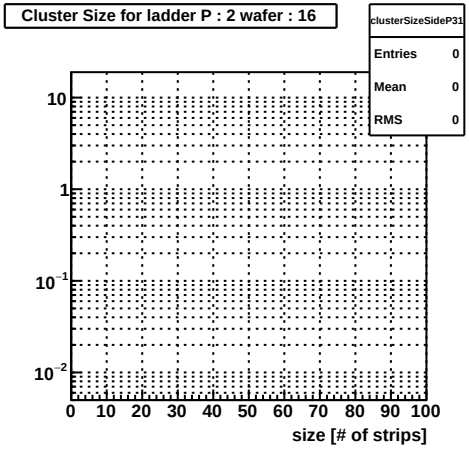

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

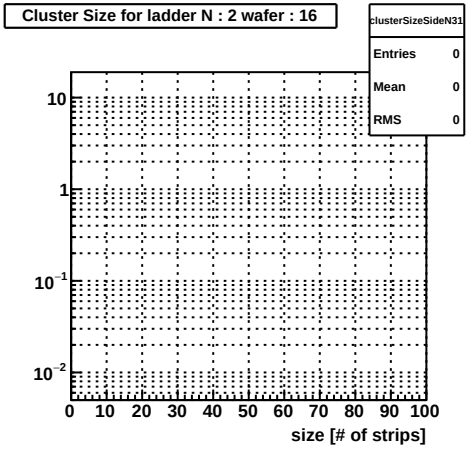

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

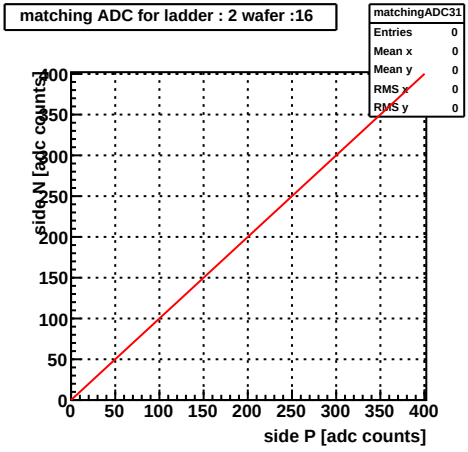

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

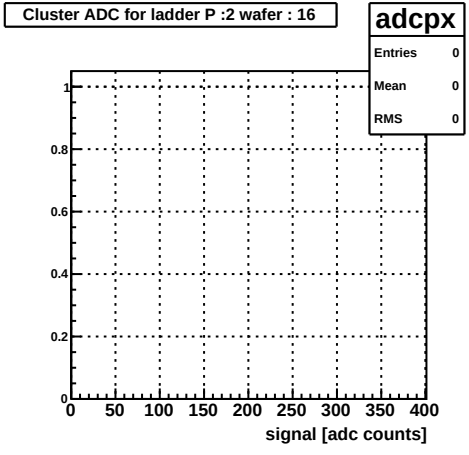

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

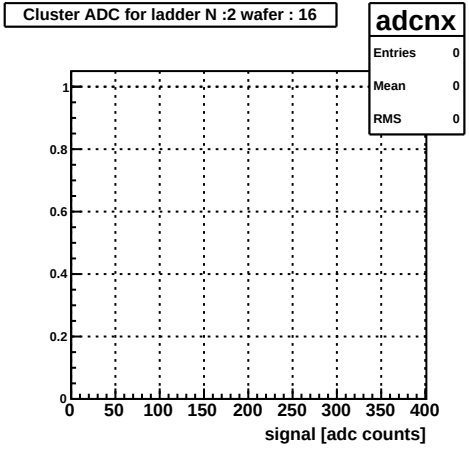

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

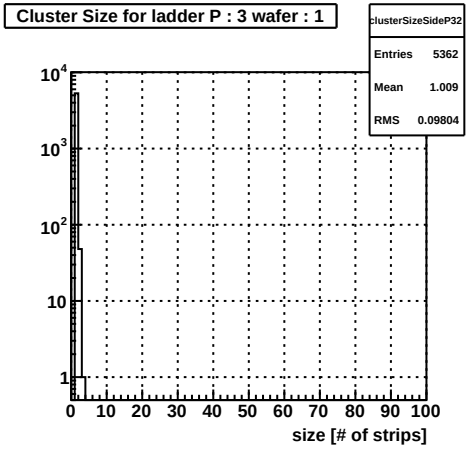

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

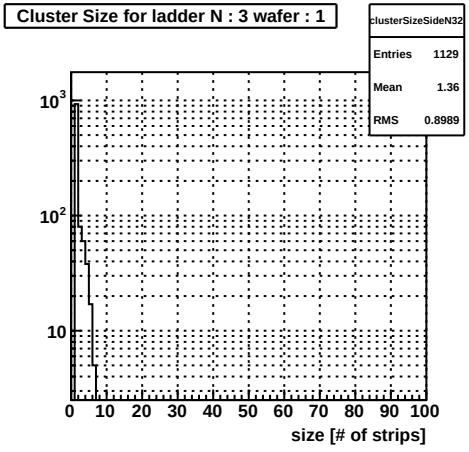

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

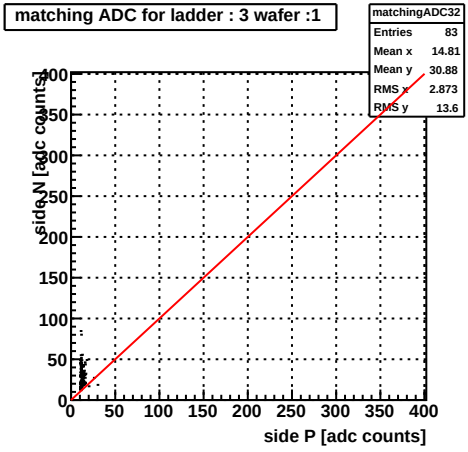

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

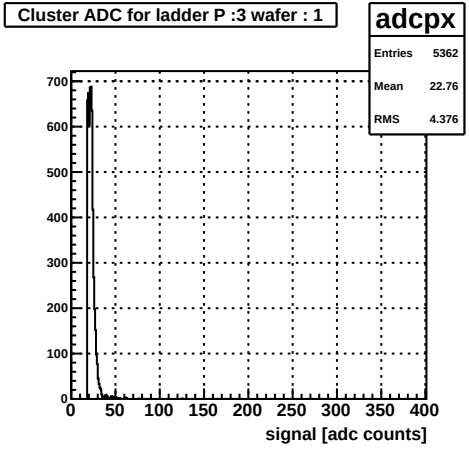

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

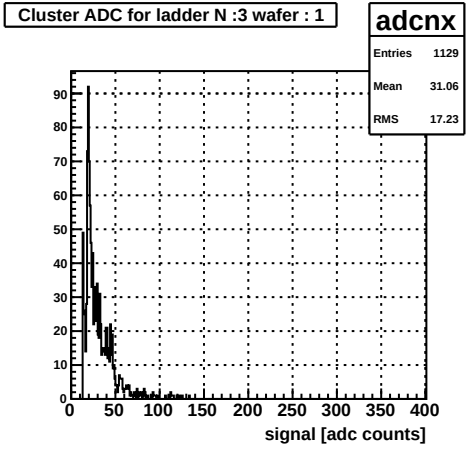

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

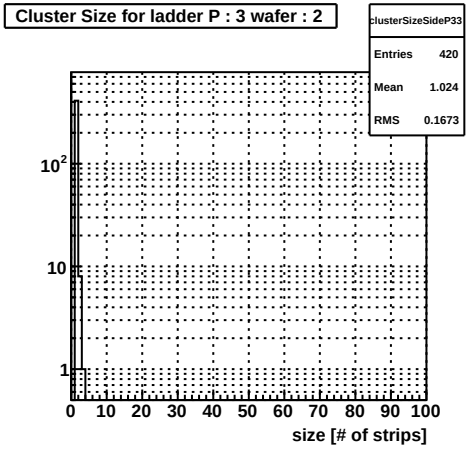

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 5362
Mean 1.009
RMS 0.09804
size [# of strips]

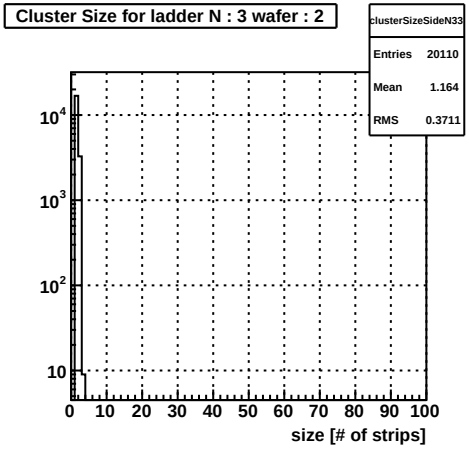

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1129
Mean 1.36
RMS 0.8989
size [# of strips]

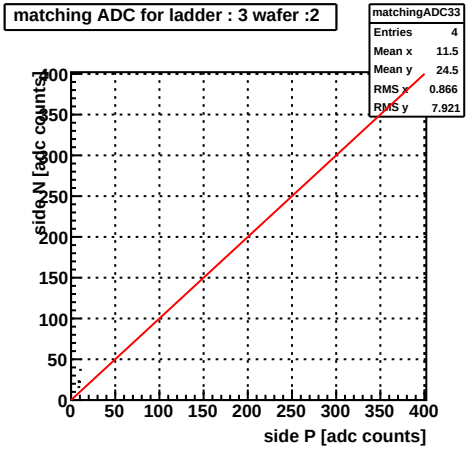

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 83
Mean x 14.81
Mean y 30.88
RMS x 2.873
RMS y 13.6
side N [adc counts]
side P [adc counts]

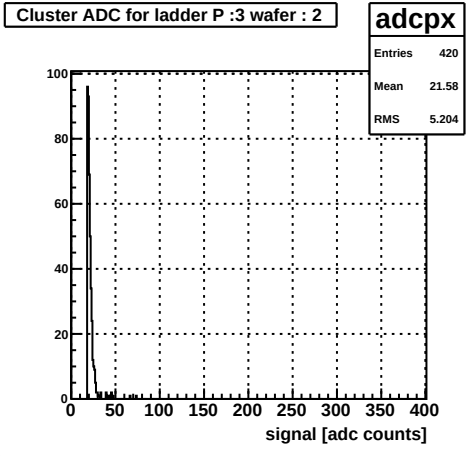

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 5362
Mean 22.76
RMS 4.376
signal [adc counts]

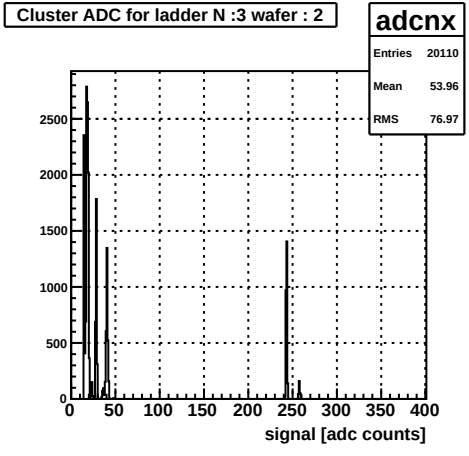

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1129
Mean 31.06
RMS 17.23
signal [adc counts]

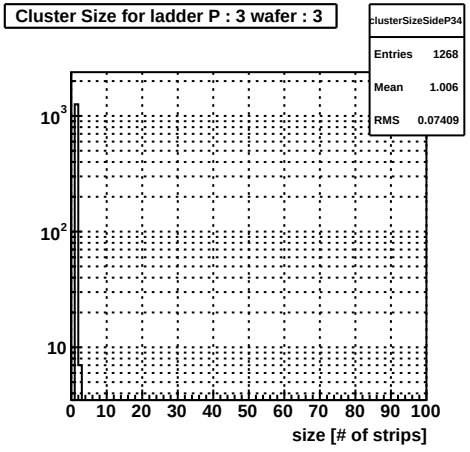

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 420
Mean 1.024
RMS 0.1673
size [# of strips]

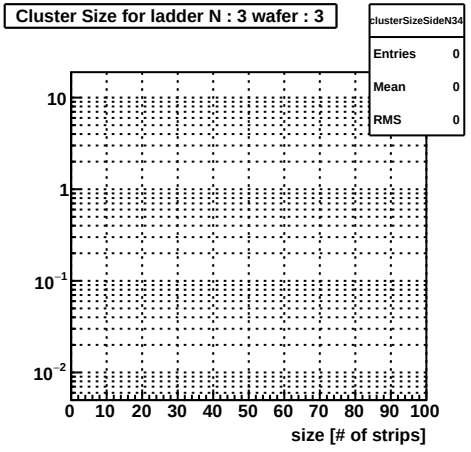

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 20110
Mean 1.164
RMS 0.3711
size [# of strips]

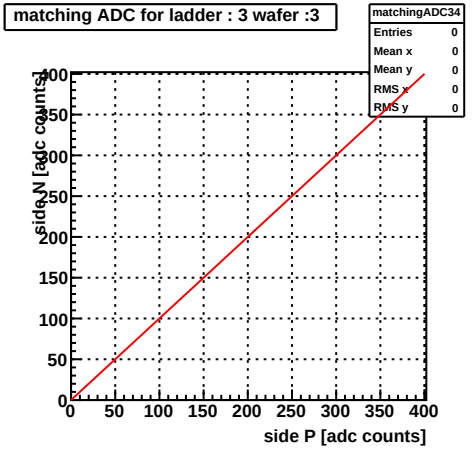

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 4
Mean x 11.5
Mean y 24.5
RMS x 0.866
RMS y 7.921
side N [adc counts]
side P [adc counts]

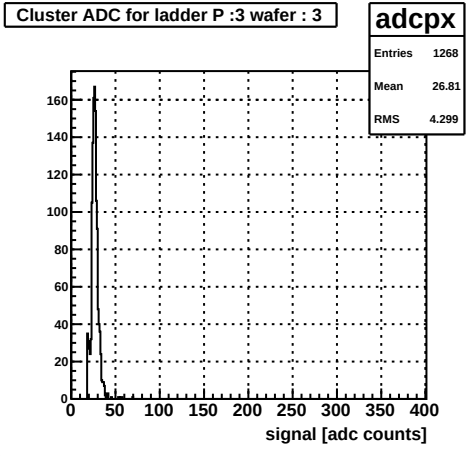

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 420
Mean 21.58
RMS 5.204
signal [adc counts]

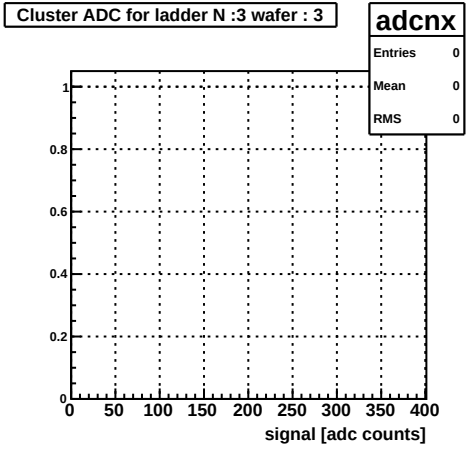

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 20110
Mean 53.96
RMS 76.97
signal [adc counts]

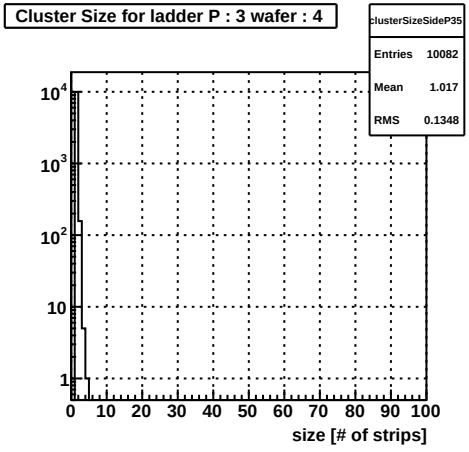

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1268
Mean 1.006
RMS 0.07409
size [# of strips]

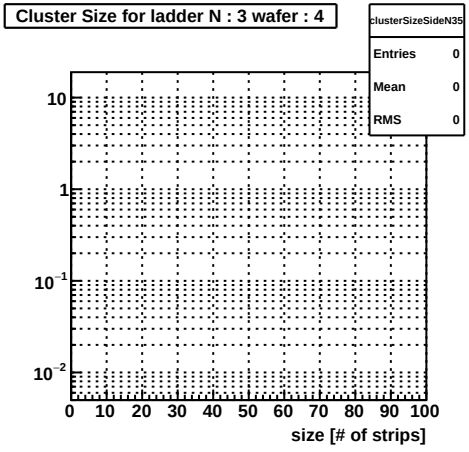

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

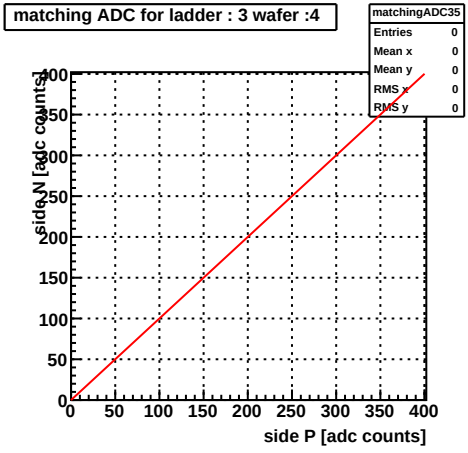

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

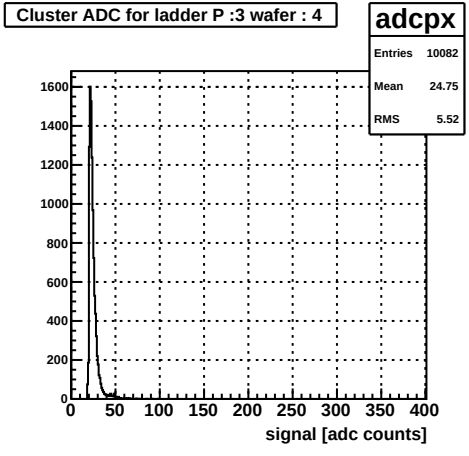

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1268
Mean 26.81
RMS 4.299
signal [adc counts]

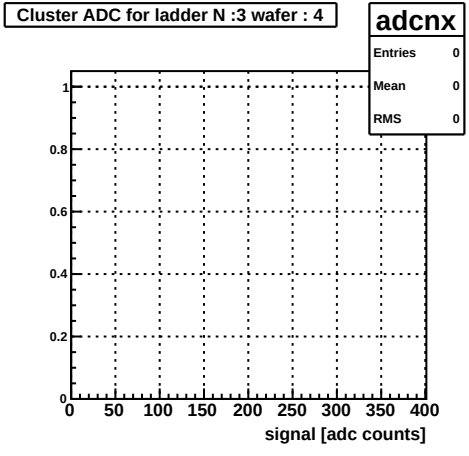

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

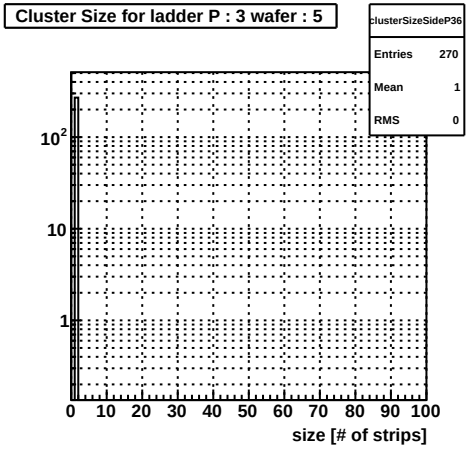

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 10082
Mean 1.017
RMS 0.1348
size [# of strips]

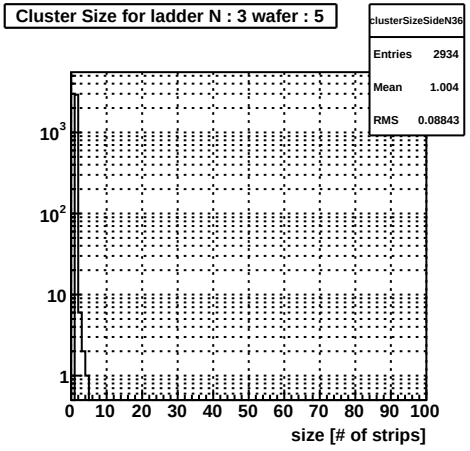

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

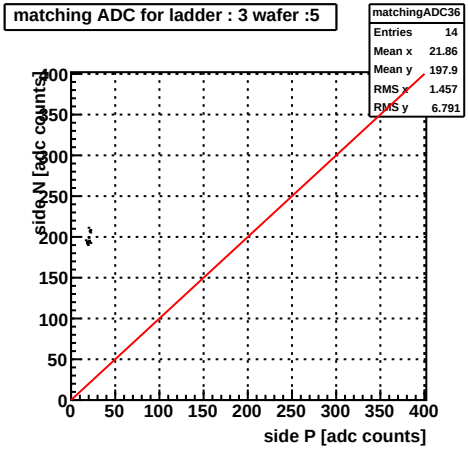

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

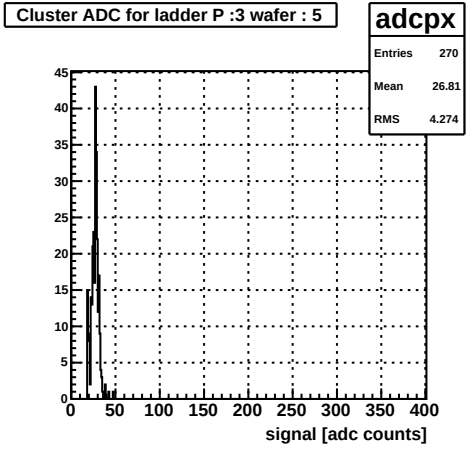

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 10082
Mean 24.75
RMS 5.52
signal [adc counts]

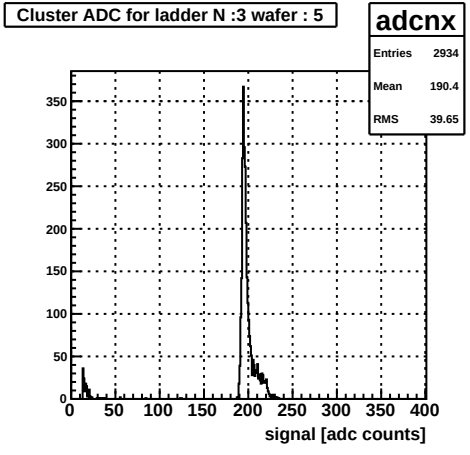

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

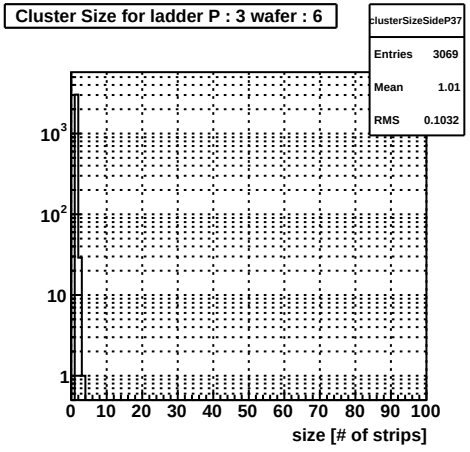

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 270
Mean 1
RMS 0
size [# of strips]

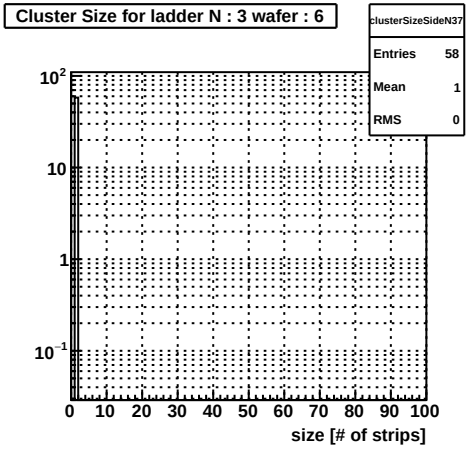

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2934
Mean 1.004
RMS 0.08843
size [# of strips]

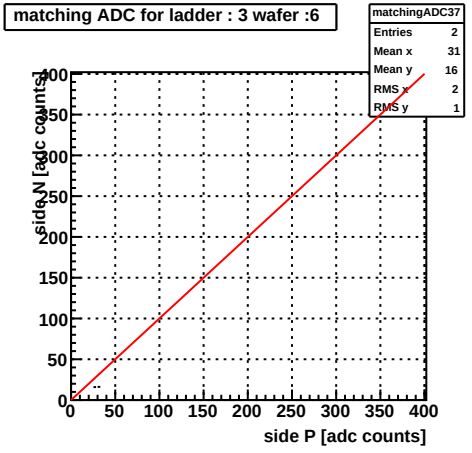

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 14
Mean x 21.86
Mean y 197.9
RMS x 1.457
RMS y 6.791
side N [adc counts]
side P [adc counts]

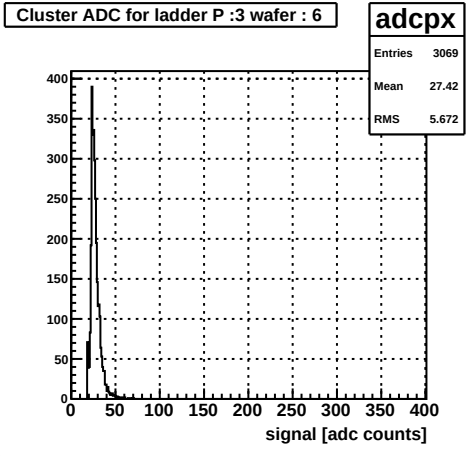

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 270
Mean 26.81
RMS 4.274
signal [adc counts]

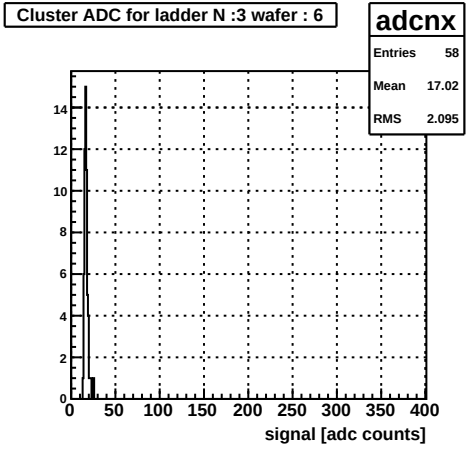

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2934
Mean 190.4
RMS 39.65
signal [adc counts]

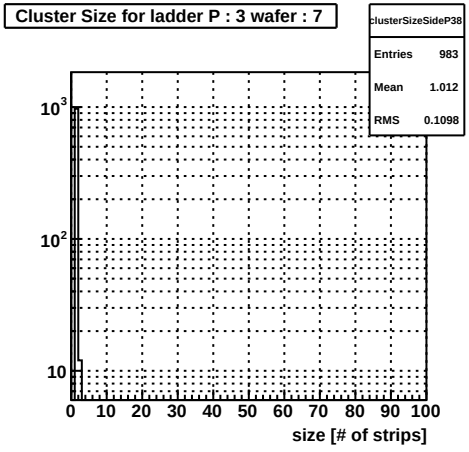

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 3069
Mean 1.01
RMS 0.1032
size [# of strips]

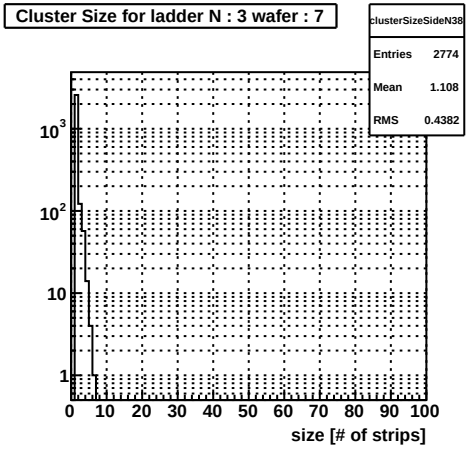

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 58
Mean 1
RMS 0
size [# of strips]

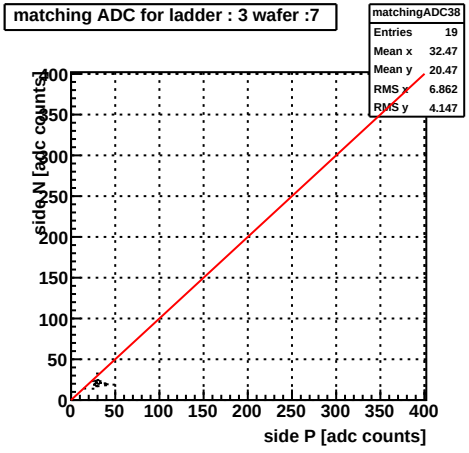

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 2
Mean x 31
Mean y 16
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

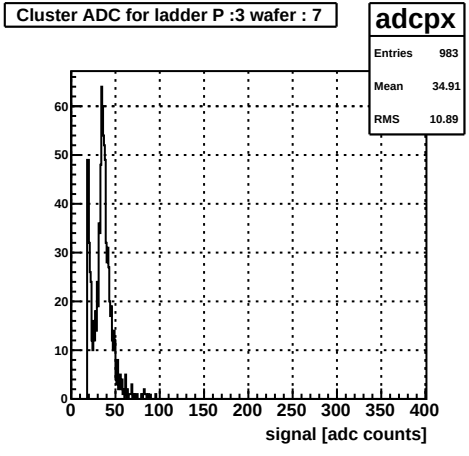

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 3069
Mean 27.42
RMS 5.672
signal [adc counts]

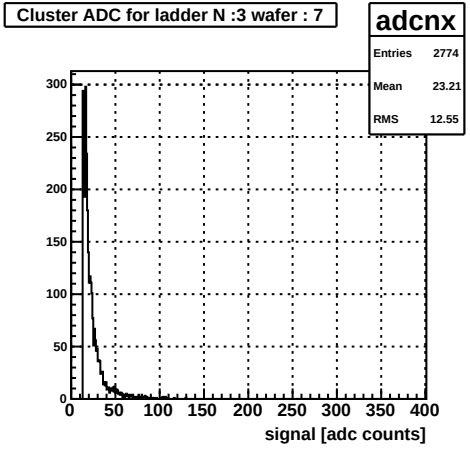

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 58
Mean 17.02
RMS 2.095
signal [adc counts]

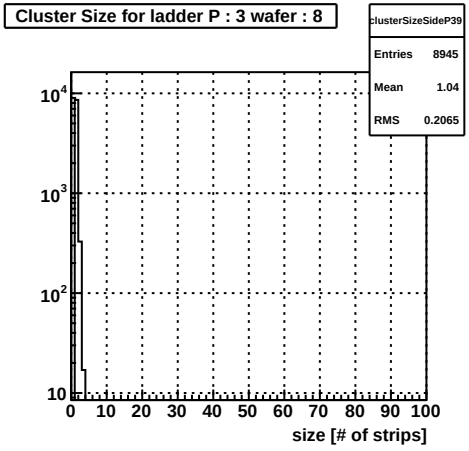

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 983
Mean 1.012
RMS 0.1098
size [# of strips]

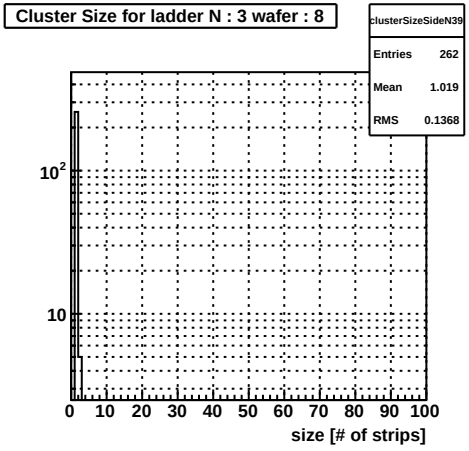

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2774
Mean 1.108
RMS 0.4382
size [# of strips]

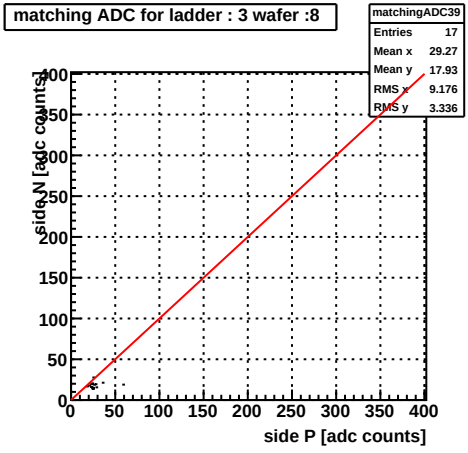

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 19
Mean x 32.47
Mean y 20.47
RMS x 6.862
RMS y 4.147
side N [adc counts]
side P [adc counts]

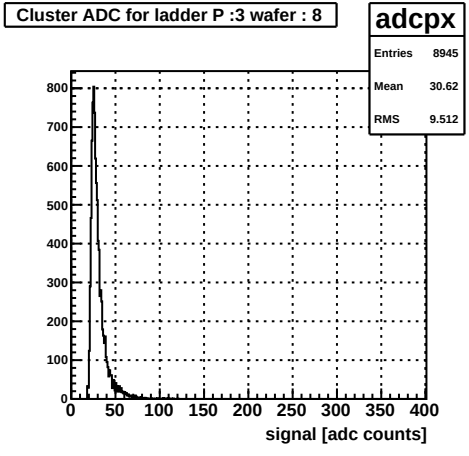

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 983
Mean 34.91
RMS 10.89
signal [adc counts]

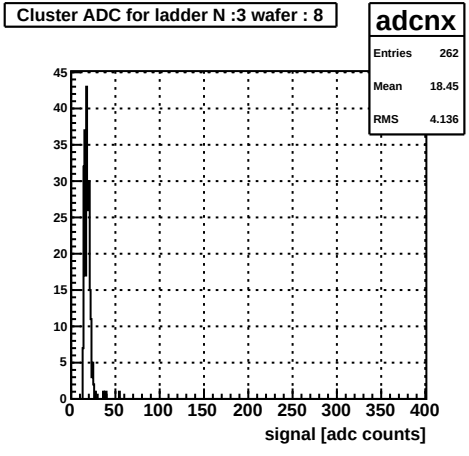

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2774
Mean 23.21
RMS 12.55
signal [adc counts]

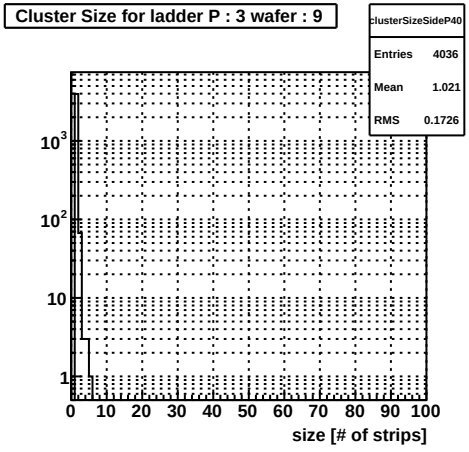

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8945
Mean 1.04
RMS 0.2065
size [# of strips]

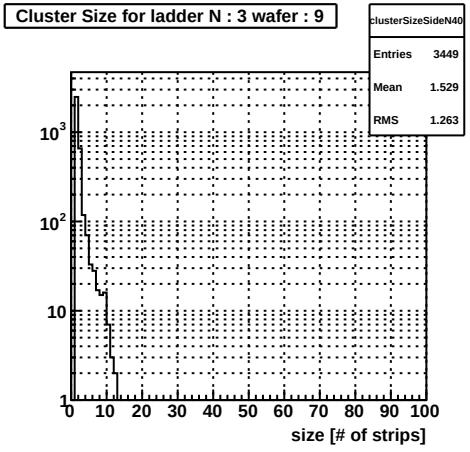

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 262
Mean 1.019
RMS 0.1368
size [# of strips]

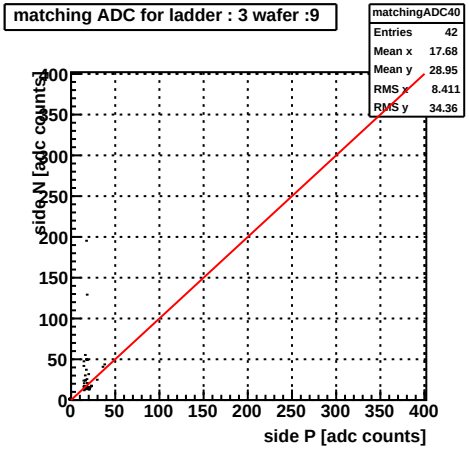

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 17
Mean x 29.27
Mean y 17.93
RMS x 9.176
RMS y 3.336
side N [adc counts]
side P [adc counts]

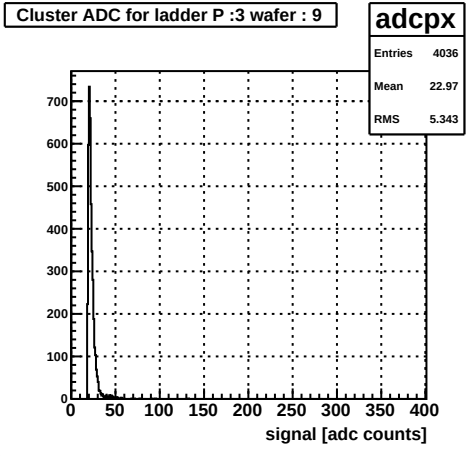

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8945
Mean 30.62
RMS 9.512
signal [adc counts]

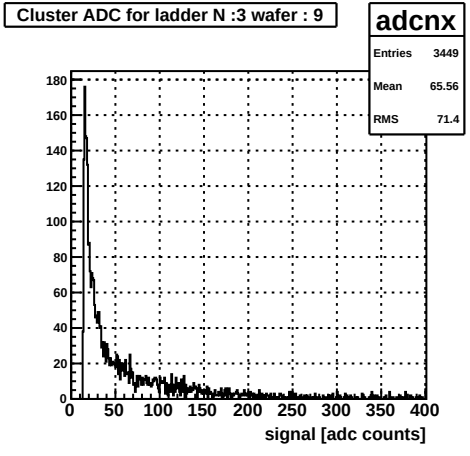

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 262
Mean 18.45
RMS 4.136
signal [adc counts]

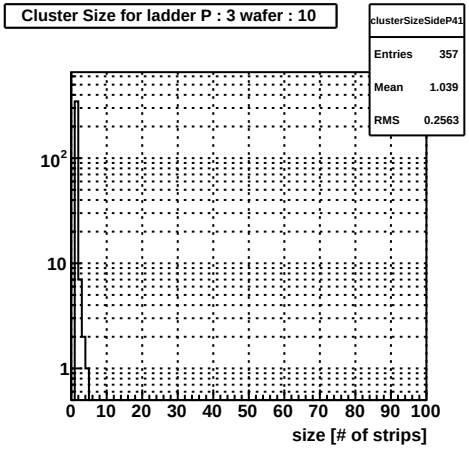

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4036
Mean 1.021
RMS 0.1726
size [# of strips]

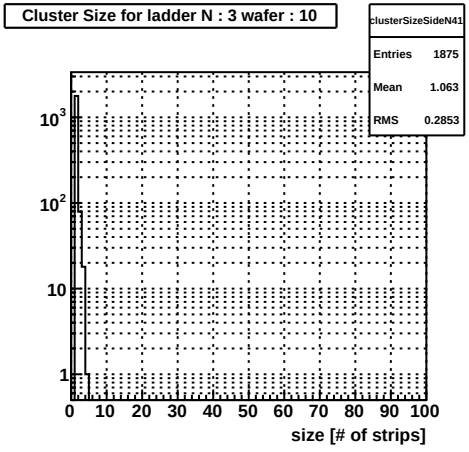

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3449
Mean 1.529
RMS 1.263
size [# of strips]

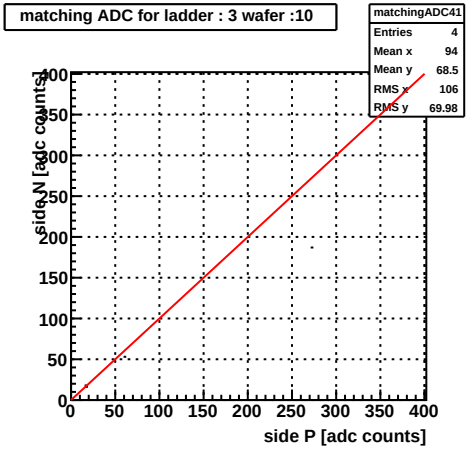

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 42
Mean x 17.68
Mean y 28.95
RMS x 8.411
RMS y 34.36
side N [adc counts]
side P [adc counts]

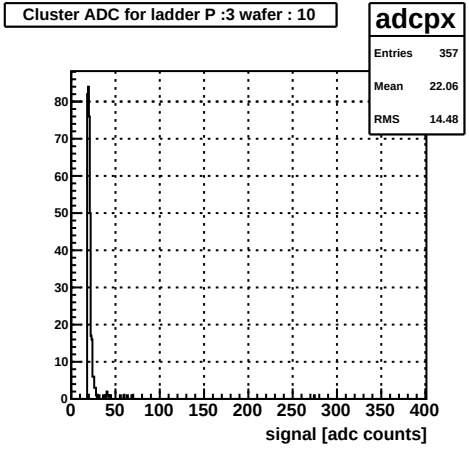

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4036
Mean 22.97
RMS 5.343
signal [adc counts]

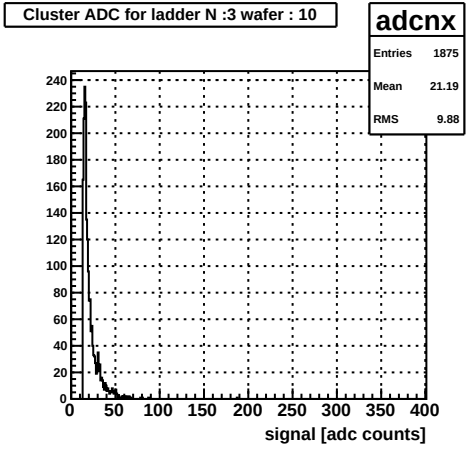

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3449
Mean 65.56
RMS 71.4
signal [adc counts]

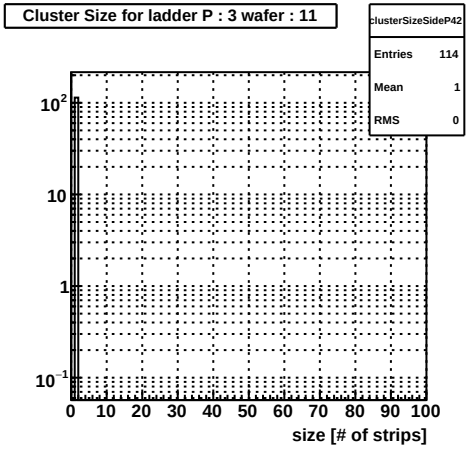

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 357
Mean 1.039
RMS 0.2563
size [# of strips]

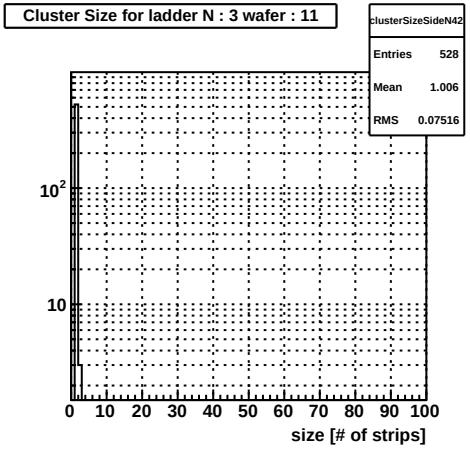

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 1875
Mean 1.063
RMS 0.2853
size [# of strips]

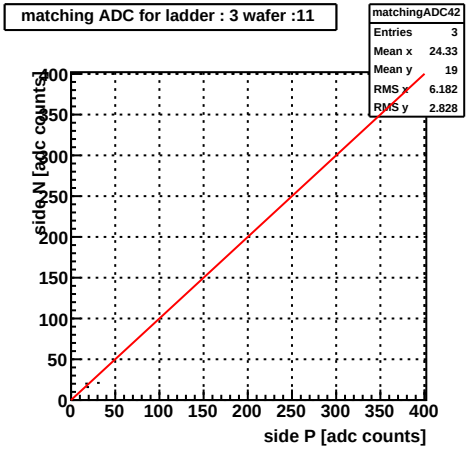

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 4
Mean x 94
Mean y 68.5
RMS x 106
RMS y 69.98
side N [adc counts]
side P [adc counts]

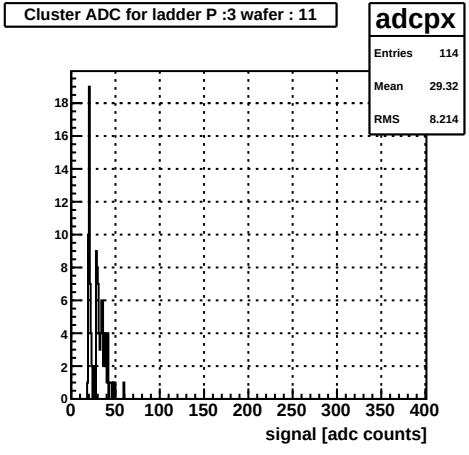

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 357
Mean 22.06
RMS 14.48
signal [adc counts]

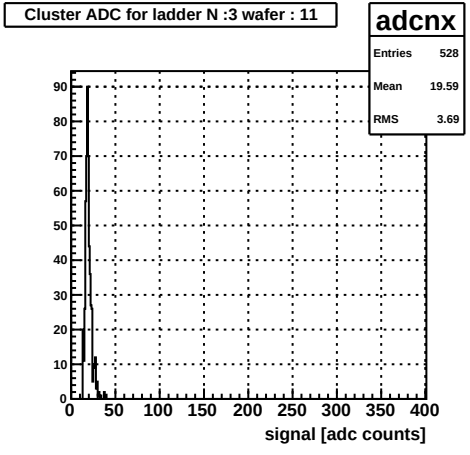

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 1875
Mean 21.19
RMS 9.88
signal [adc counts]

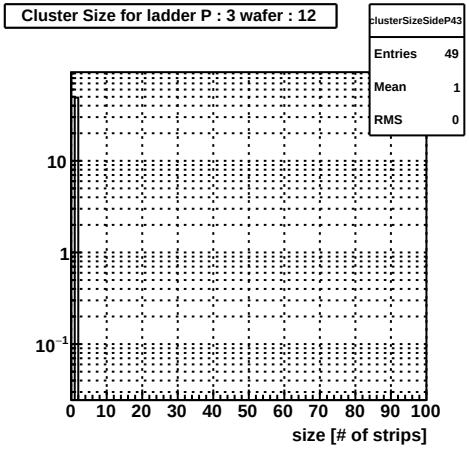

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 114
Mean 1
RMS 0
size [# of strips]

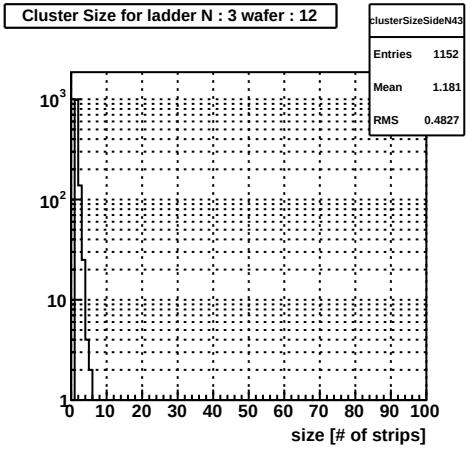

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 528
Mean 1.006
RMS 0.07516
size [# of strips]

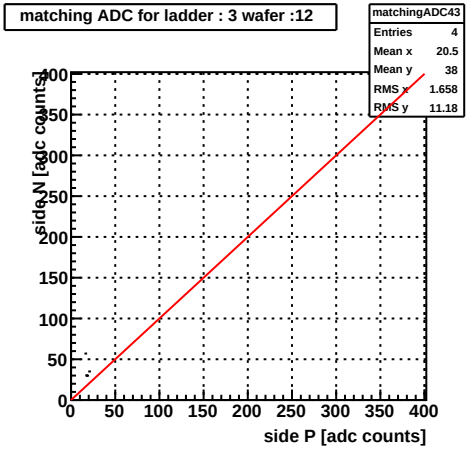

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 3
Mean x 24.33
Mean y 19
RMS x 6.182
RMS y 2.828
side N [adc counts]
side P [adc counts]

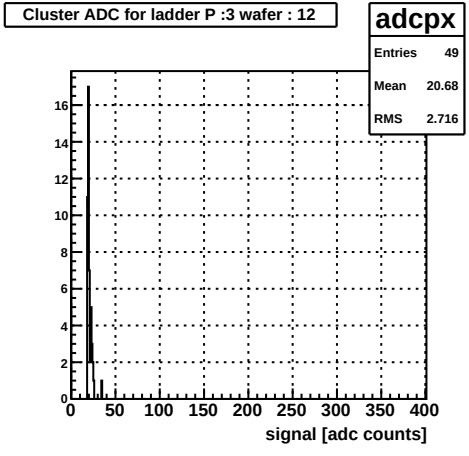

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 114
Mean 29.32
RMS 8.214
signal [adc counts]

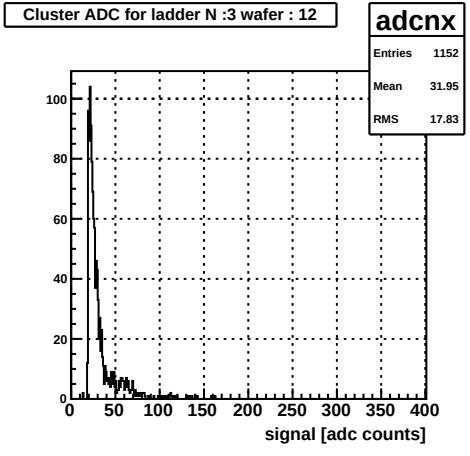

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 528
Mean 19.59
RMS 3.69
signal [adc counts]

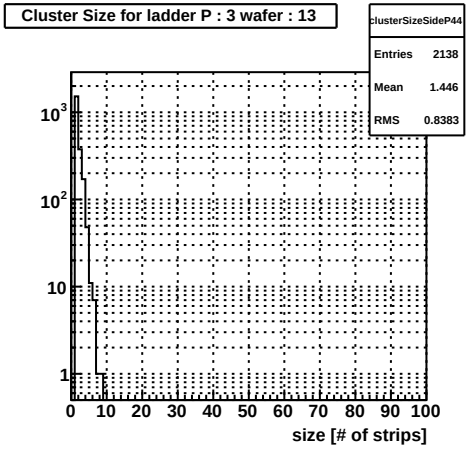

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 49
Mean 1
RMS 0
size [# of strips]

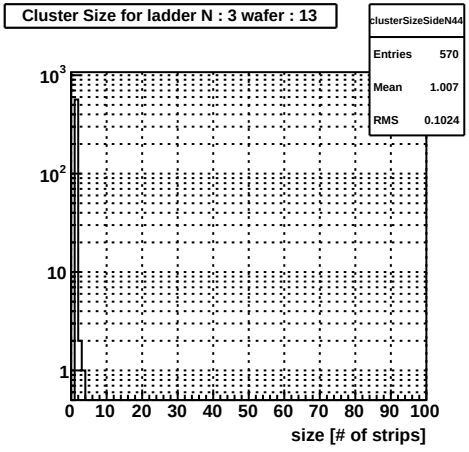

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1152
Mean 1.181
RMS 0.4827
size [# of strips]

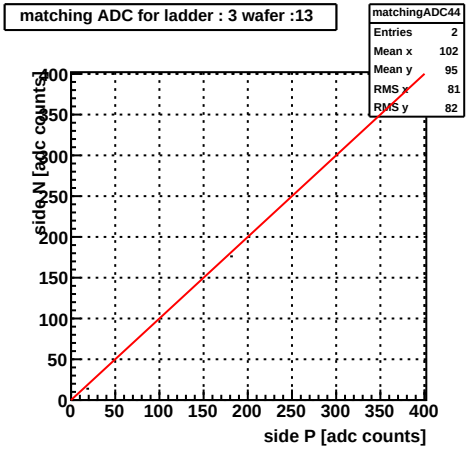

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4
Mean x 20.5
Mean y 38
RMS x 1.658
RMS y 11.18
side N [adc counts]
side P [adc counts]

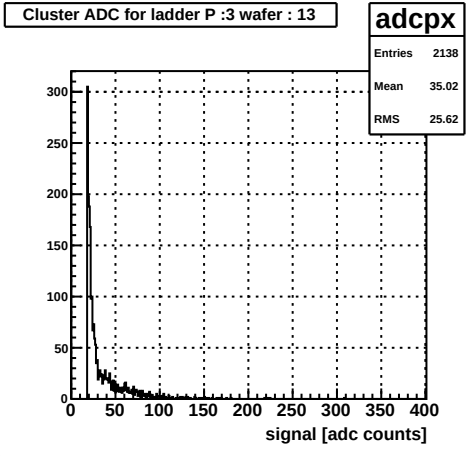

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 49
Mean 20.68
RMS 2.716
signal [adc counts]

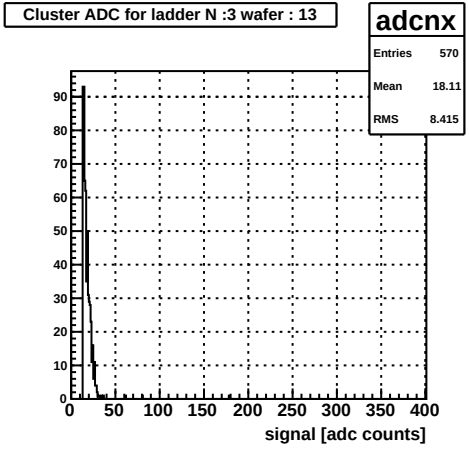

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1152
Mean 31.95
RMS 17.83
signal [adc counts]

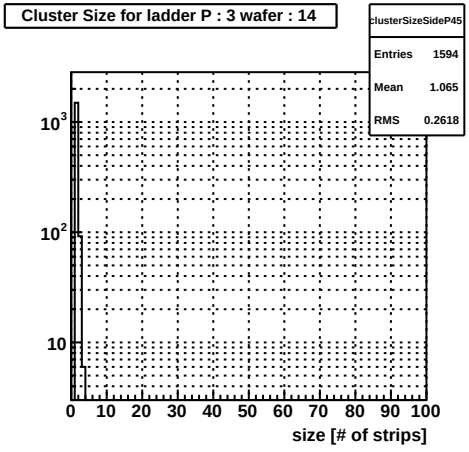

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 2138
Mean 1.446
RMS 0.8383
size [# of strips]

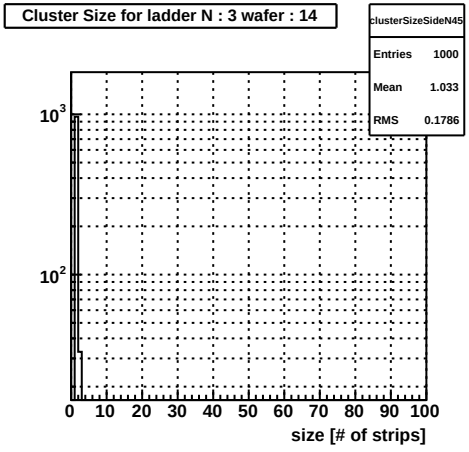

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 570
Mean 1.007
RMS 0.1024
size [# of strips]

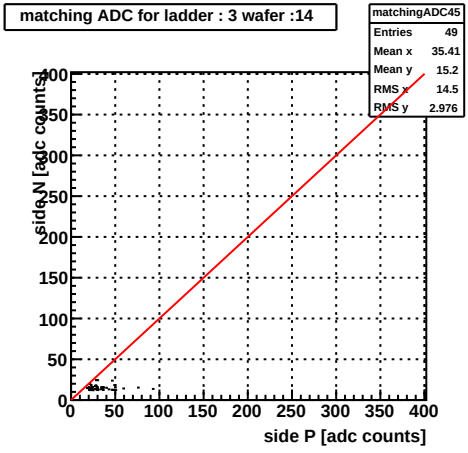

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2
Mean x 102
Mean y 95
RMS x 81
RMS y 82
side N [adc counts]
side P [adc counts]

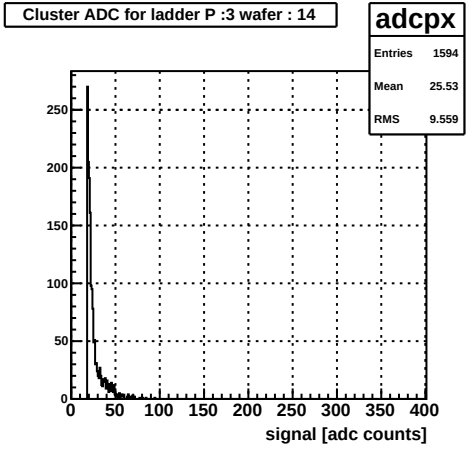

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 2138
Mean 35.02
RMS 25.62
signal [adc counts]

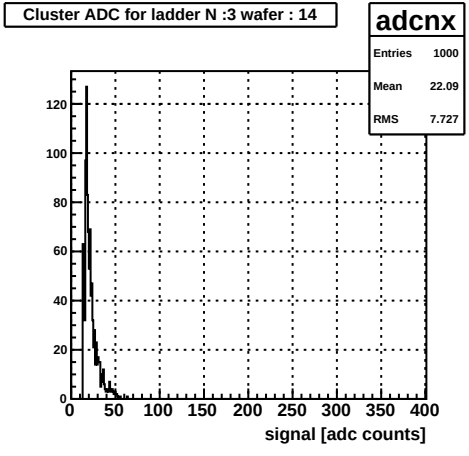

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 570
Mean 18.11
RMS 8.415
signal [adc counts]

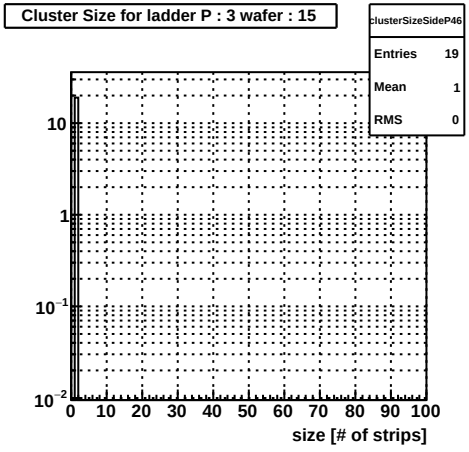

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1594
Mean 1.065
RMS 0.2618
size [# of strips]

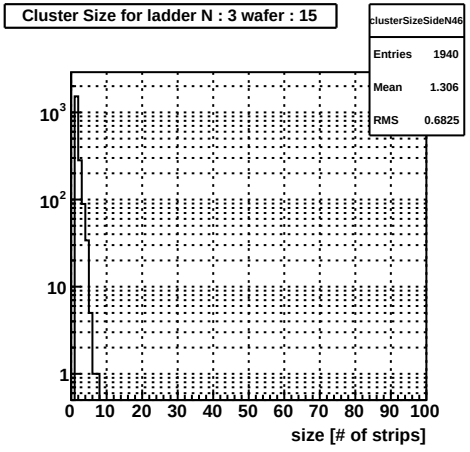

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1000
Mean 1.033
RMS 0.1786
size [# of strips]

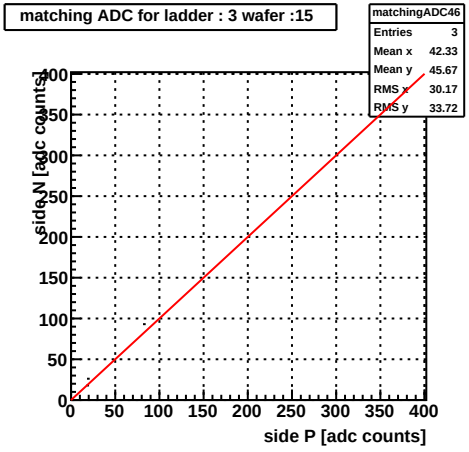

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 49
Mean x 35.41
Mean y 15.2
RMS x 14.5
RMS y 2.976
side N [adc counts]
side P [adc counts]

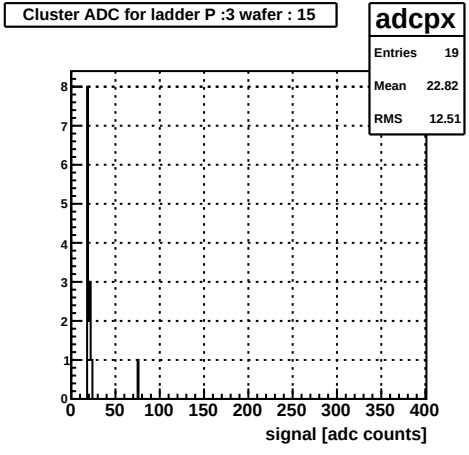

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1594
Mean 25.53
RMS 9.559
signal [adc counts]

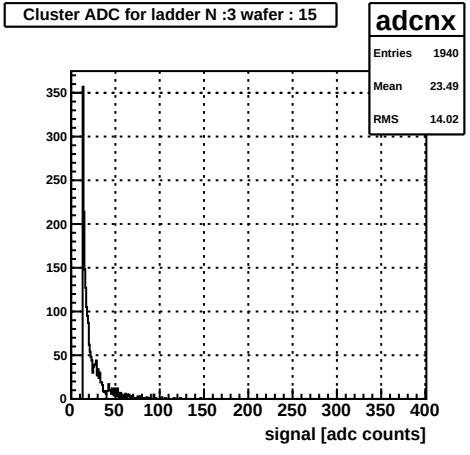

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1000
Mean 22.09
RMS 7.727
signal [adc counts]

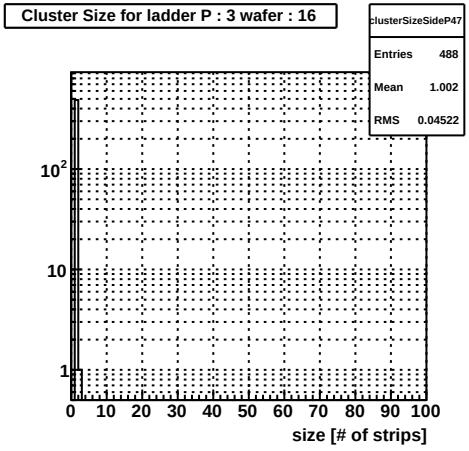

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 19
Mean 1
RMS 0
size [# of strips]

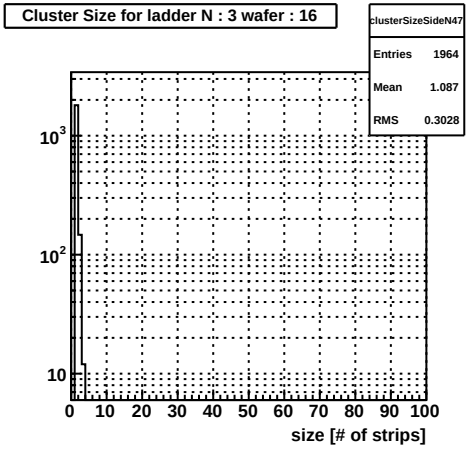

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1940
Mean 1.306
RMS 0.6825
size [# of strips]

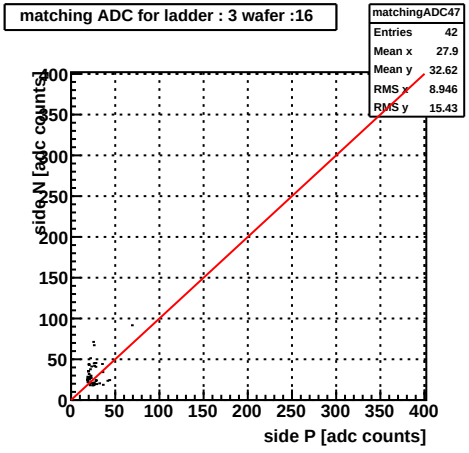

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3
Mean x 42.33
Mean y 45.67
RMS x 30.17
RMS y 33.72
side N [adc counts]
side P [adc counts]

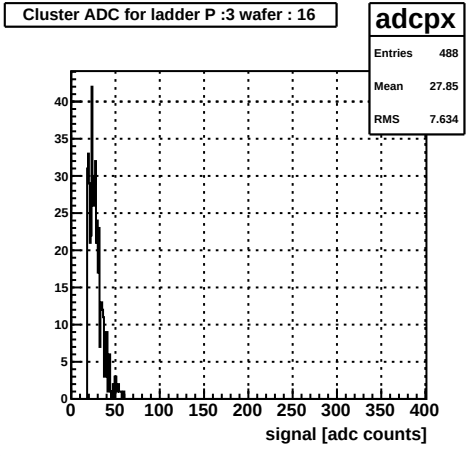

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 19
Mean 22.82
RMS 12.51
signal [adc counts]

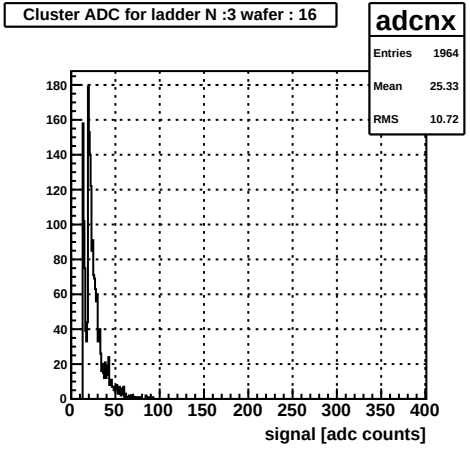

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1940
Mean 23.49
RMS 14.02
signal [adc counts]

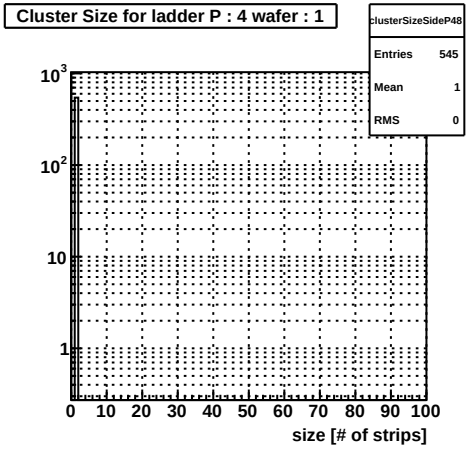

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 488
Mean 1.002
RMS 0.04522
size [# of strips]

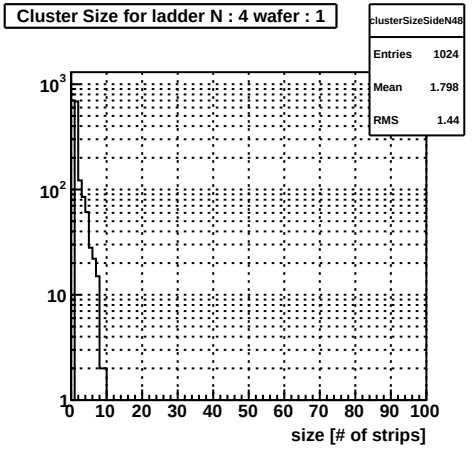

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1964
Mean 1.087
RMS 0.3028
size [# of strips]

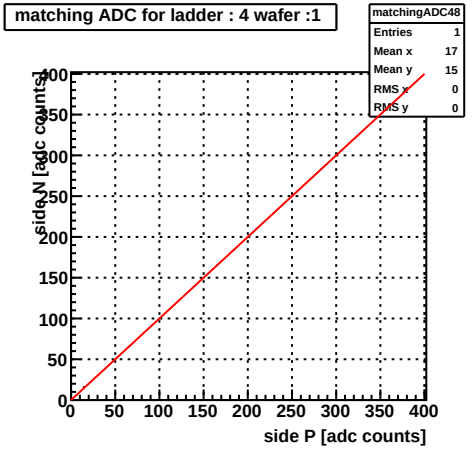

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 42
Mean x 27.9
Mean y 32.62
RMS x 8.946
RMS y 15.43
side N [adc counts]
side P [adc counts]

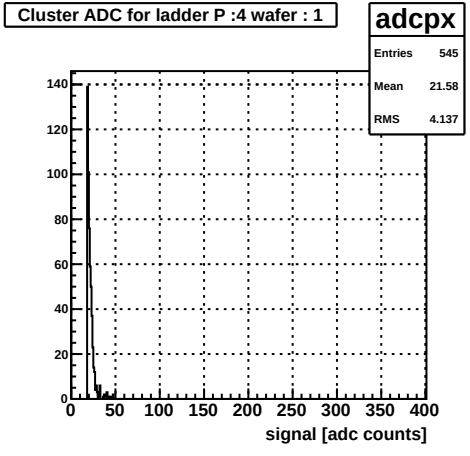

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 488
Mean 27.85
RMS 7.634
signal [adc counts]

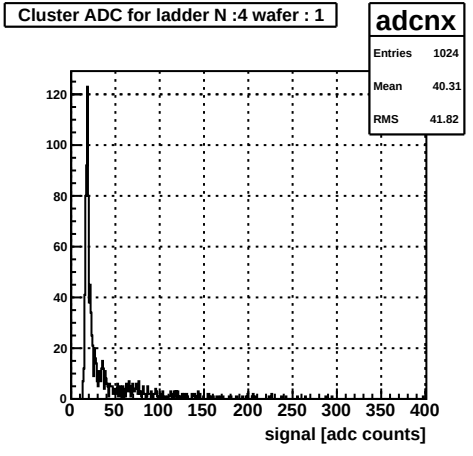

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1964
Mean 25.33
RMS 10.72
signal [adc counts]

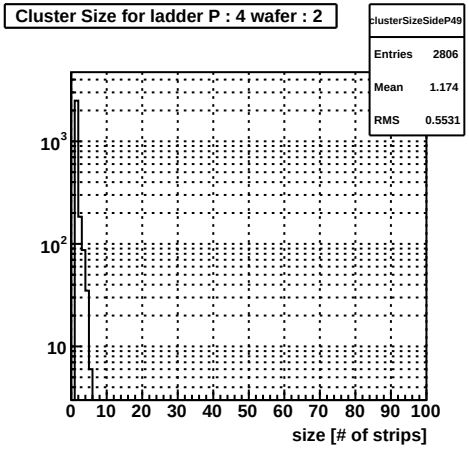

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 545
Mean 1
RMS 0
size [# of strips]

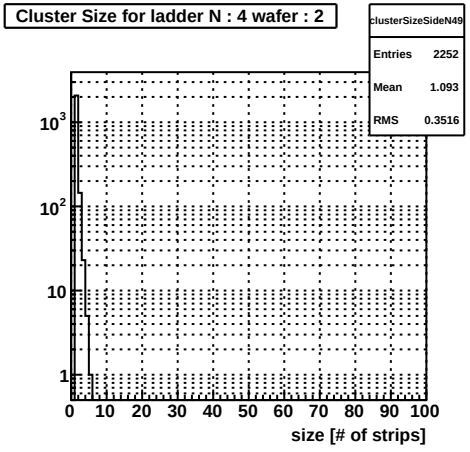

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1024
Mean 1.798
RMS 1.44
size [# of strips]

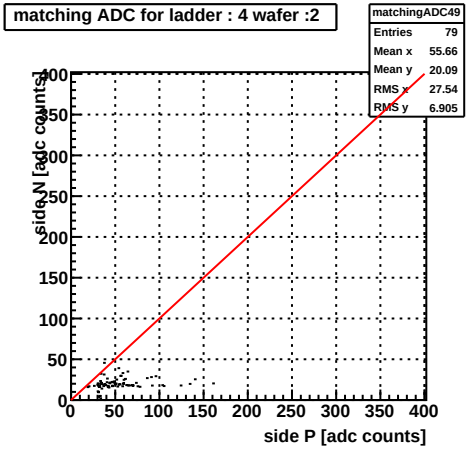

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

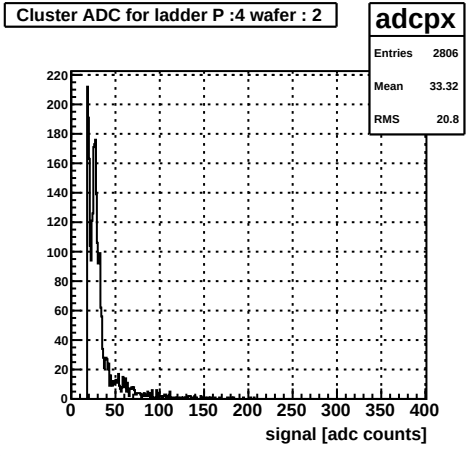

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 545
Mean 21.58
RMS 4.137
signal [adc counts]

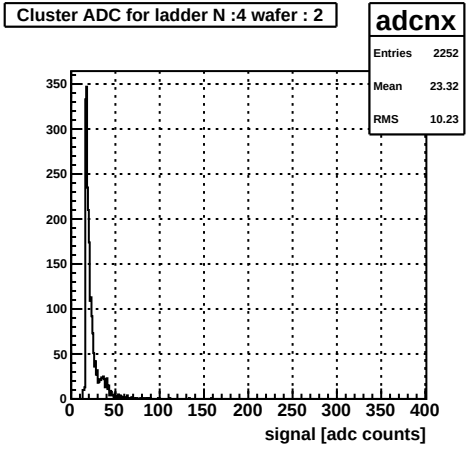

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1024
Mean 40.31
RMS 41.82
signal [adc counts]

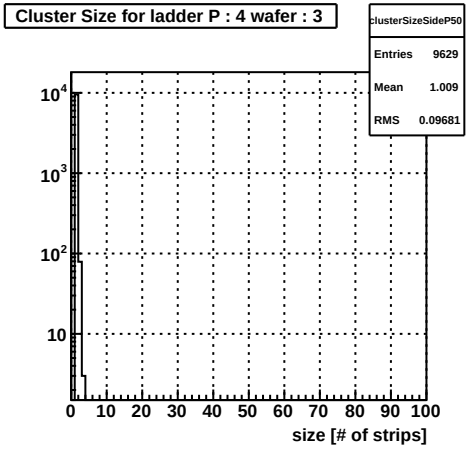

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2806
Mean 1.174
RMS 0.5531
size [# of strips]

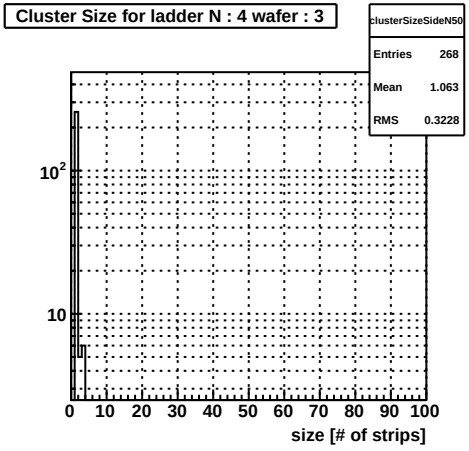

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 2252
Mean 1.093
RMS 0.3516
size [# of strips]

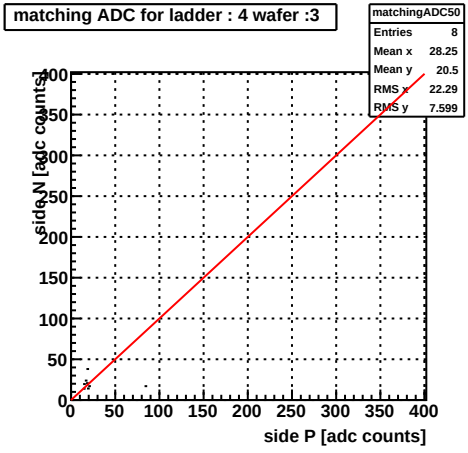

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 79
Mean x 55.66
Mean y 20.09
RMS x 27.54
RMS y 6.905
side N [adc counts]
side P [adc counts]

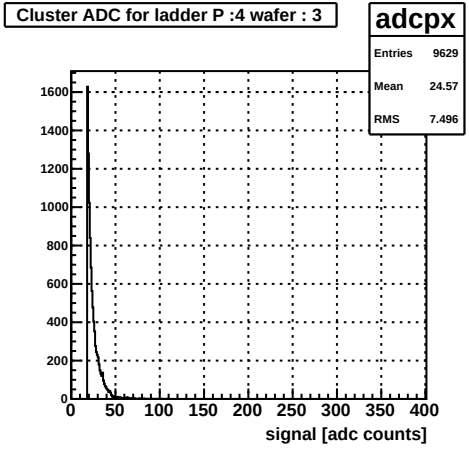

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2806
Mean 33.32
RMS 20.8
signal [adc counts]

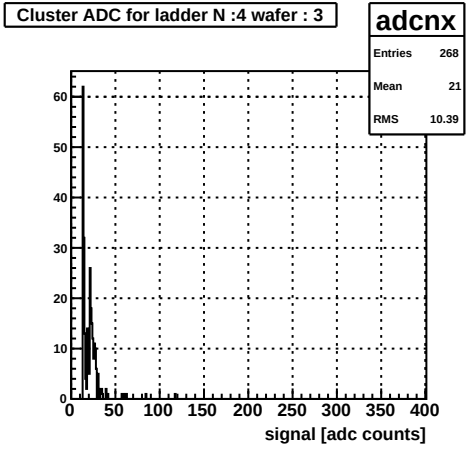

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 2252
Mean 23.32
RMS 10.23
signal [adc counts]

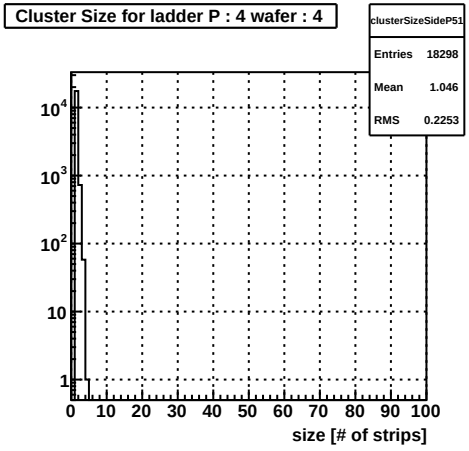

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9629
Mean 1.009
RMS 0.09681
size [# of strips]

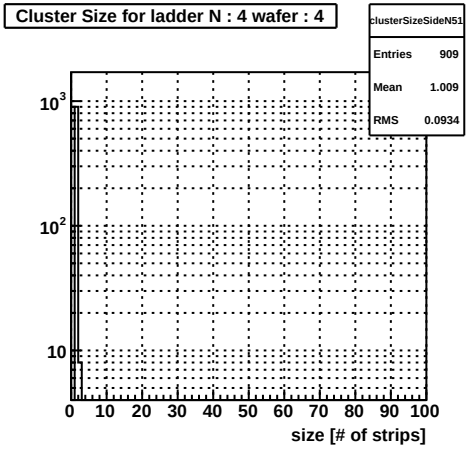

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 268
Mean 1.063
RMS 0.3228
size [# of strips]

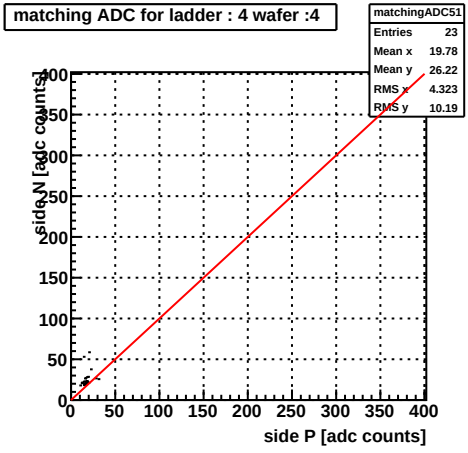

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 8
Mean x 28.25
Mean y 20.5
RMS x 22.29
RMS y 7.599
side N [adc counts]
side P [adc counts]

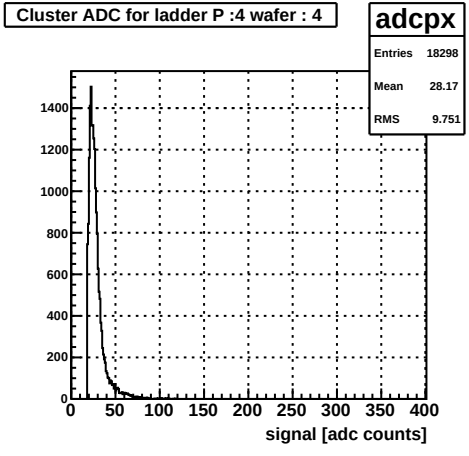

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9629
Mean 24.57
RMS 7.496
signal [adc counts]

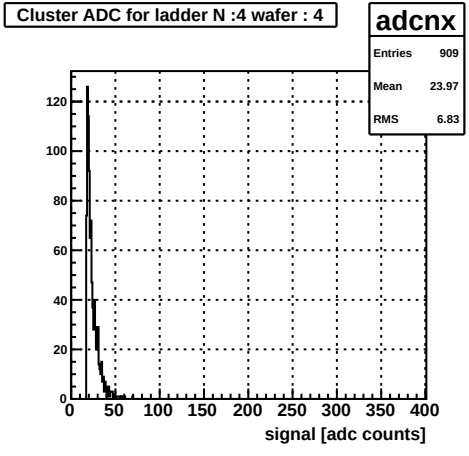

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 268
Mean 21
RMS 10.39
signal [adc counts]

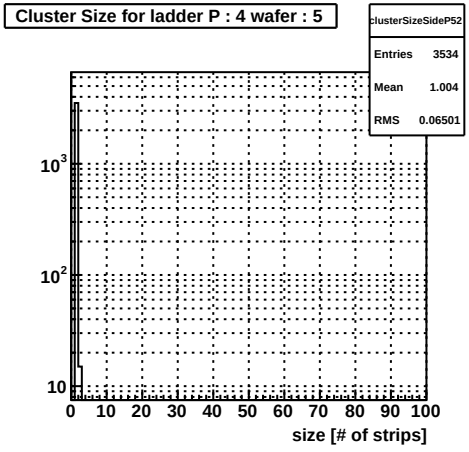

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18298
Mean 1.046
RMS 0.2253
size [# of strips]

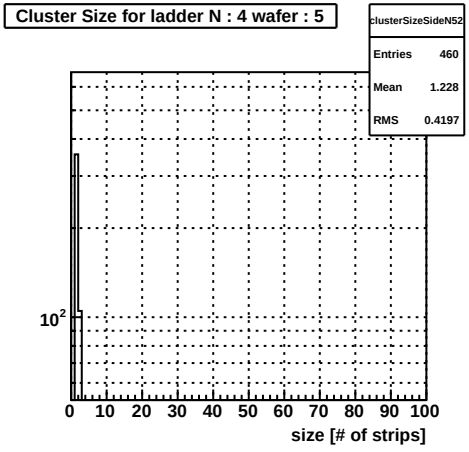

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 909
Mean 1.009
RMS 0.0934
size [# of strips]

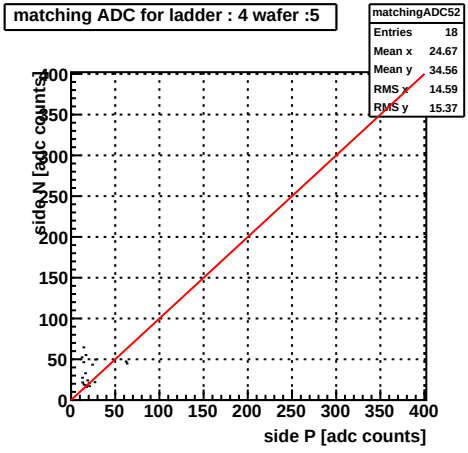

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 23
Mean x 19.78
Mean y 26.22
RMS x 4.323
RMS y 10.19
side N [adc counts]
side P [adc counts]

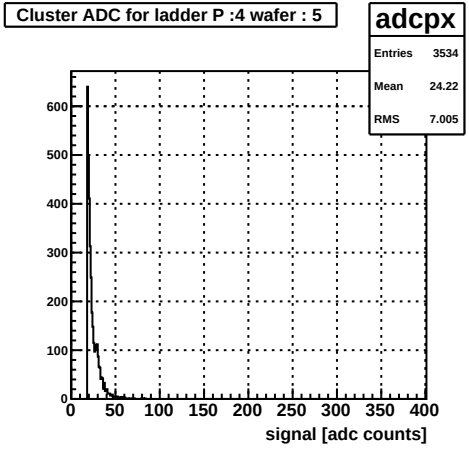

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18298
Mean 28.17
RMS 9.751
signal [adc counts]

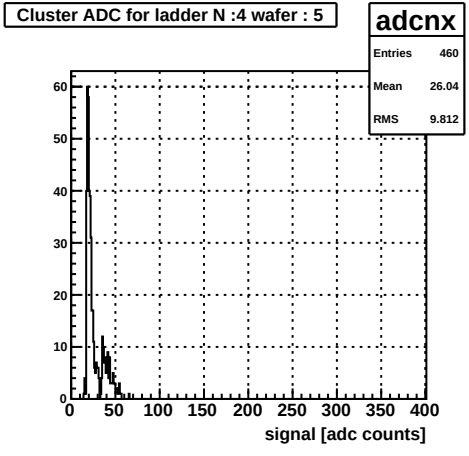

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 909
Mean 23.97
RMS 6.83
signal [adc counts]

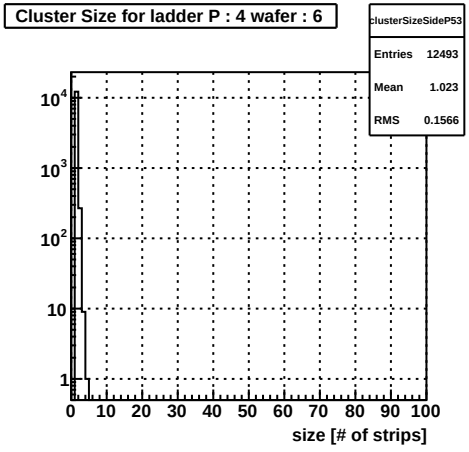

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3534
Mean 1.004
RMS 0.06501
size [# of strips]

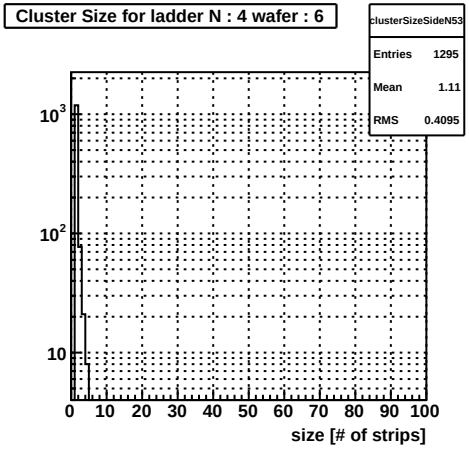

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 460
Mean 1.228
RMS 0.4197
size [# of strips]

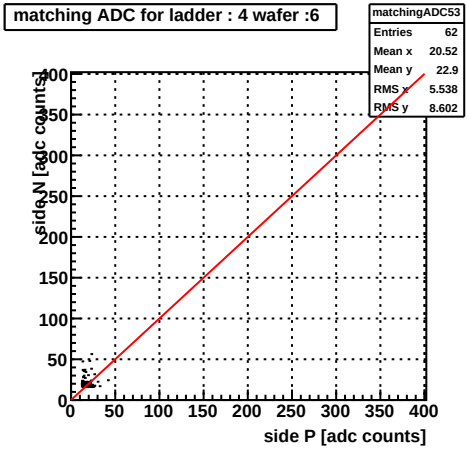

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 18
Mean x 24.67
Mean y 34.56
RMS x 14.59
RMS y 15.37
side N [adc counts]
side P [adc counts]

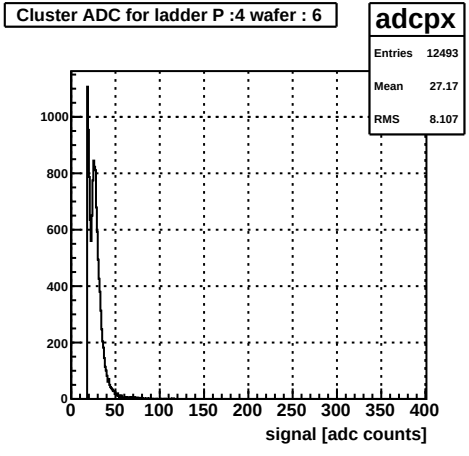

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3534
Mean 24.22
RMS 7.005
signal [adc counts]

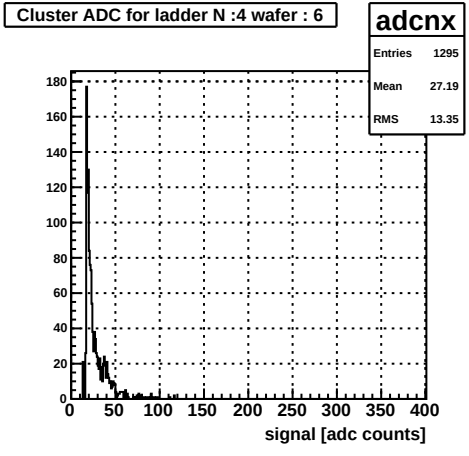

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 460
Mean 26.04
RMS 9.812
signal [adc counts]

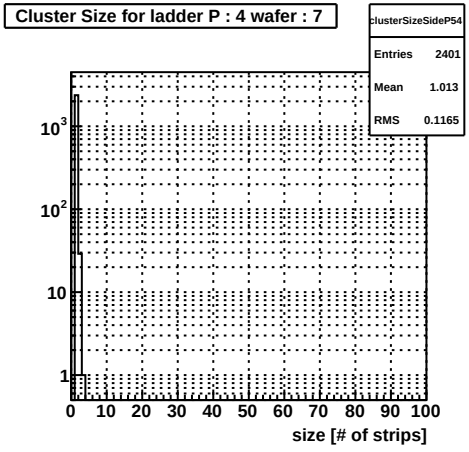

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 12493
Mean 1.023
RMS 0.1566
size [# of strips]

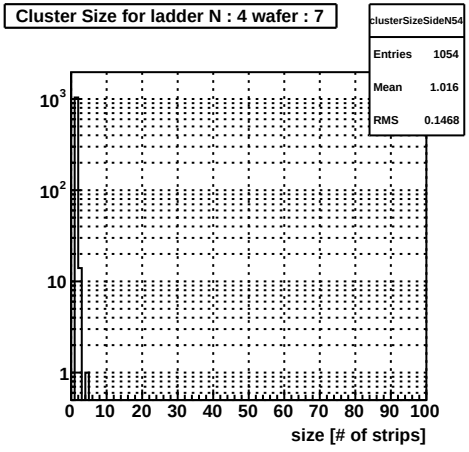

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 1295
Mean 1.11
RMS 0.4095
size [# of strips]

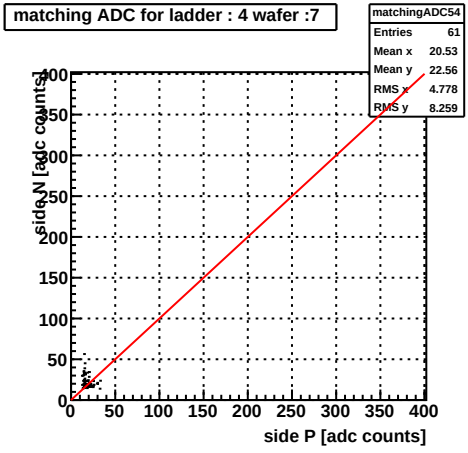

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 62
Mean x 20.52
Mean y 22.9
RMS x 5.538
RMS y 8.602
side N [adc counts]
side P [adc counts]

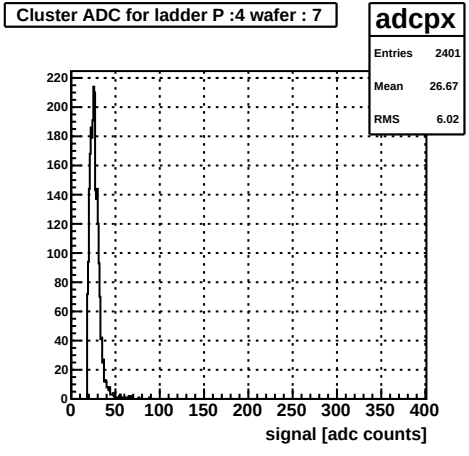

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 12493
Mean 27.17
RMS 8.107
signal [adc counts]

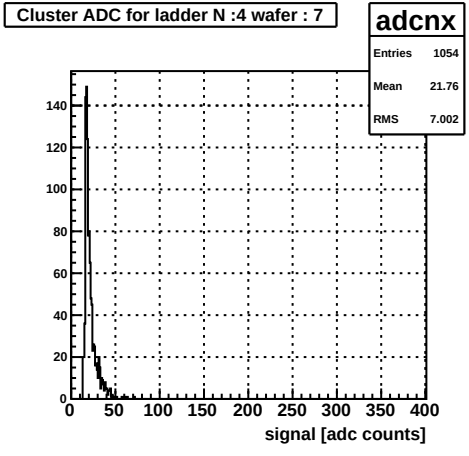

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 1295
Mean 27.19
RMS 13.35
signal [adc counts]

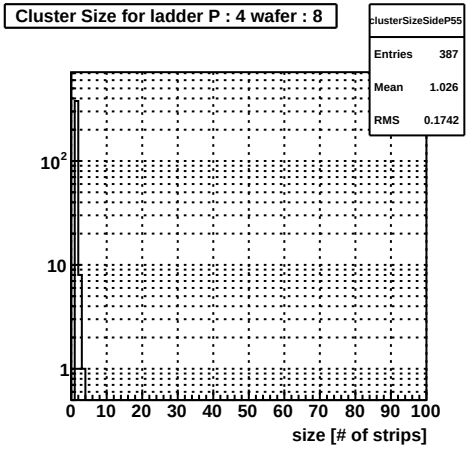

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 2401
Mean 1.013
RMS 0.1165
size [# of strips]

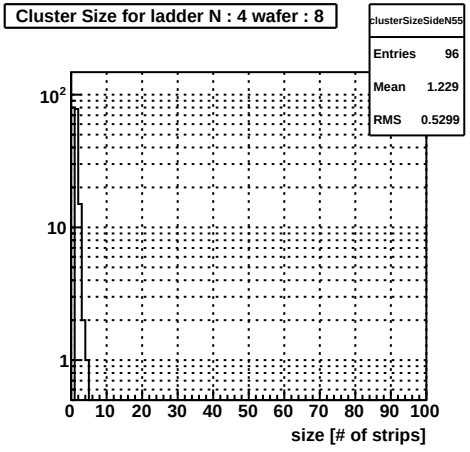

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1054
Mean 1.016
RMS 0.1468
size [# of strips]

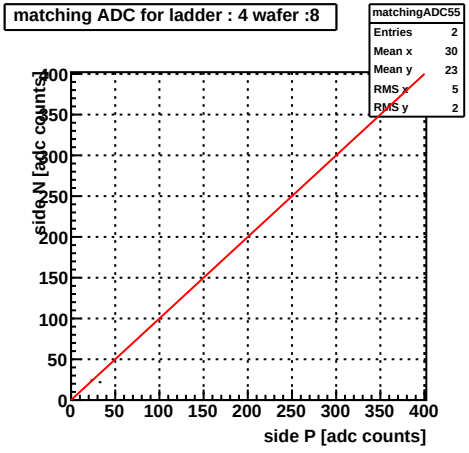

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 61
Mean x 20.53
Mean y 22.56
RMS x 4.778
RMS y 8.259
side N [adc counts]
side P [adc counts]

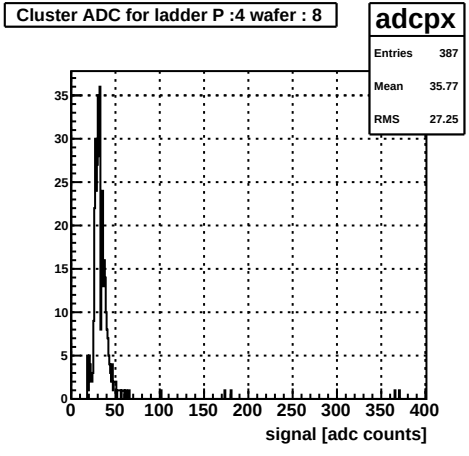

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 2401
Mean 26.67
RMS 6.02
signal [adc counts]

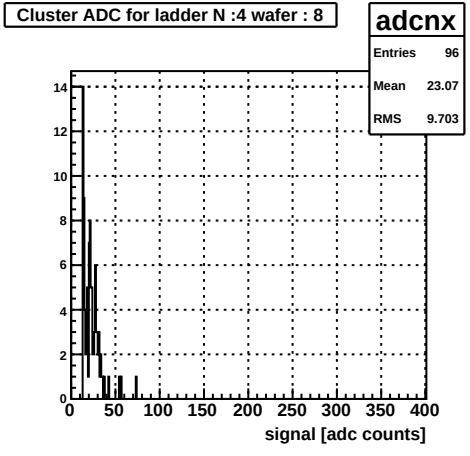

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1054
Mean 21.76
RMS 7.002
signal [adc counts]

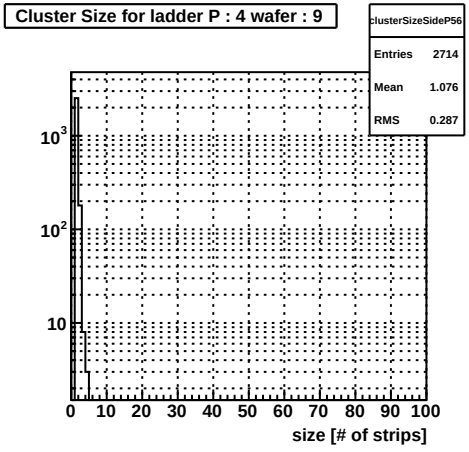

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 387
Mean 1.026
RMS 0.1742
size [# of strips]

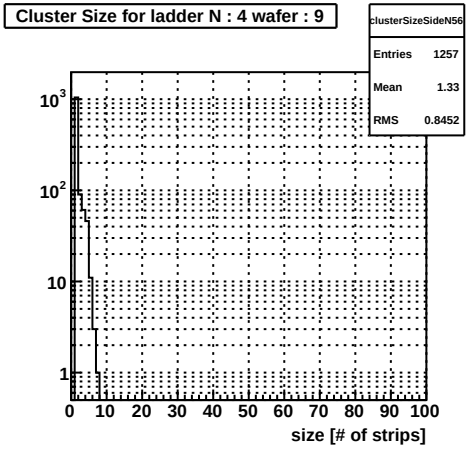

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 96
Mean 1.229
RMS 0.5299
size [# of strips]

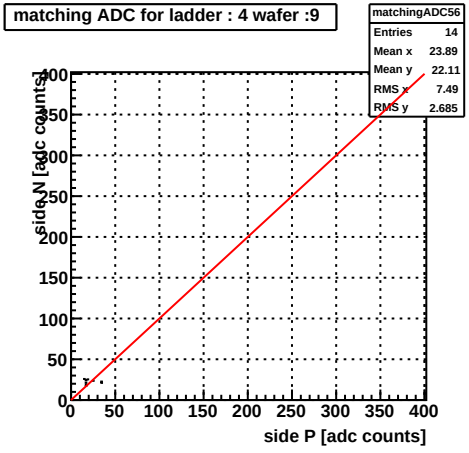

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2
Mean x 30
Mean y 23
RMS x 5
RMS y 2
side N [adc counts]
side P [adc counts]

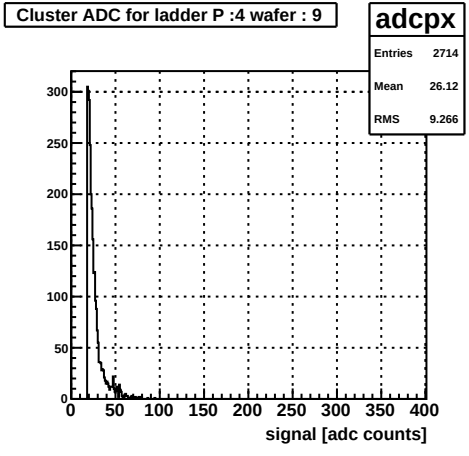

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 387
Mean 35.77
RMS 27.25
signal [adc counts]

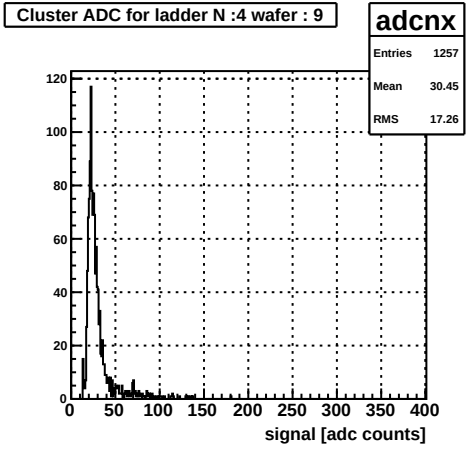

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 96
Mean 23.07
RMS 9.703
signal [adc counts]

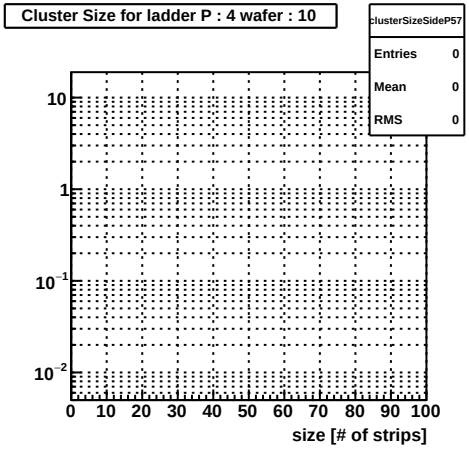

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2714
Mean 1.076
RMS 0.287
size [# of strips]

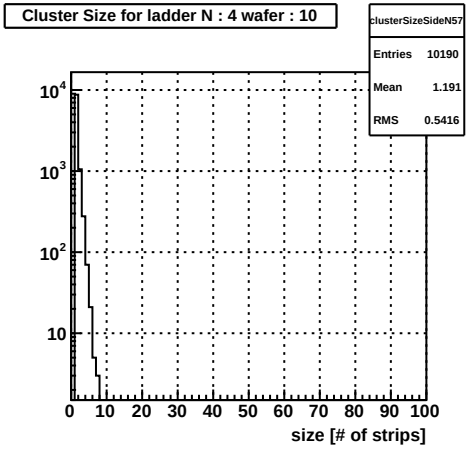

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1257
Mean 1.33
RMS 0.8452
size [# of strips]

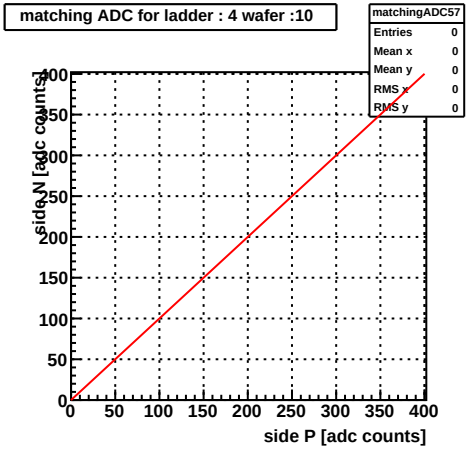

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 14
Mean x 23.89
Mean y 22.11
RMS x 7.49
RMS y 2.685
side N [adc counts]
side P [adc counts]

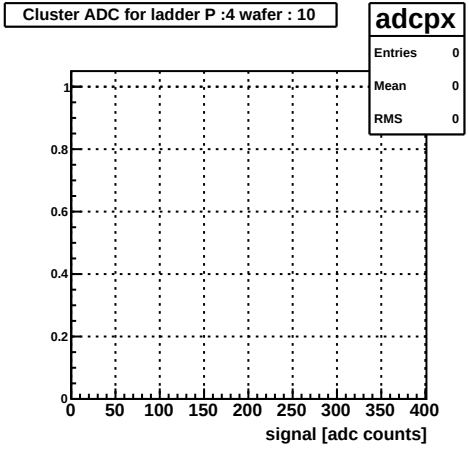

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2714
Mean 26.12
RMS 9.266
signal [adc counts]

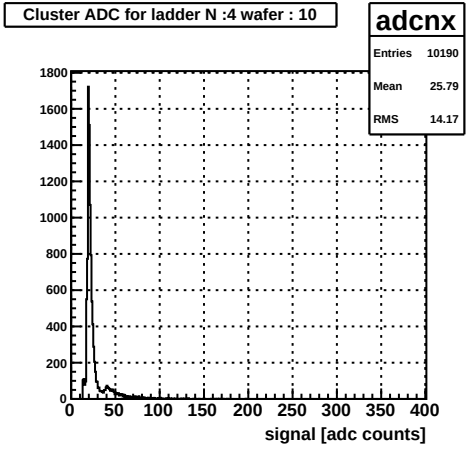

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1257
Mean 30.45
RMS 17.26
signal [adc counts]

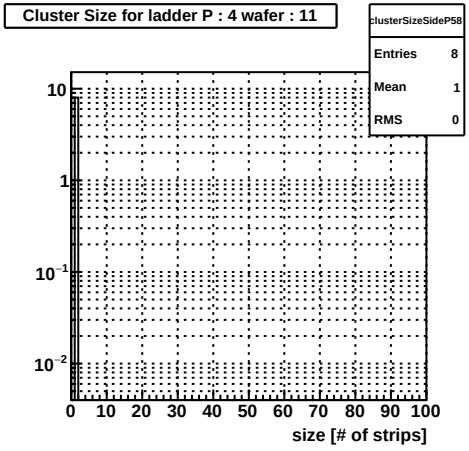

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

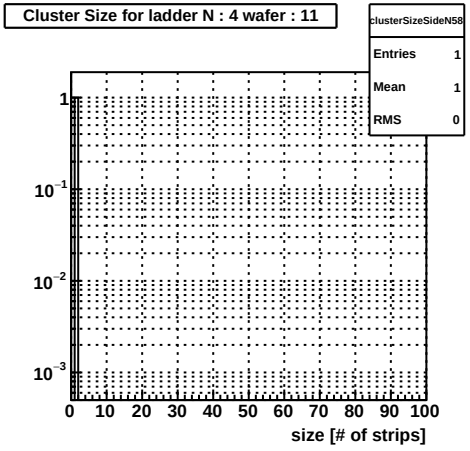

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10190
Mean 1.191
RMS 0.5416
size [# of strips]

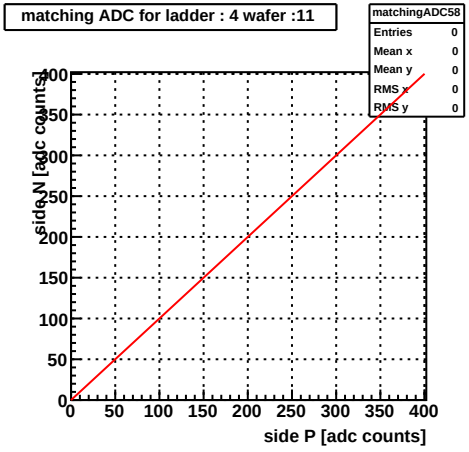

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

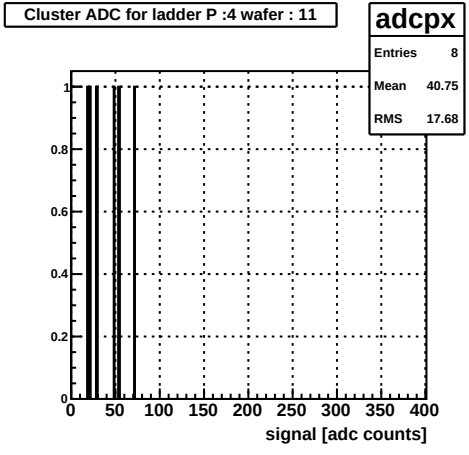

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

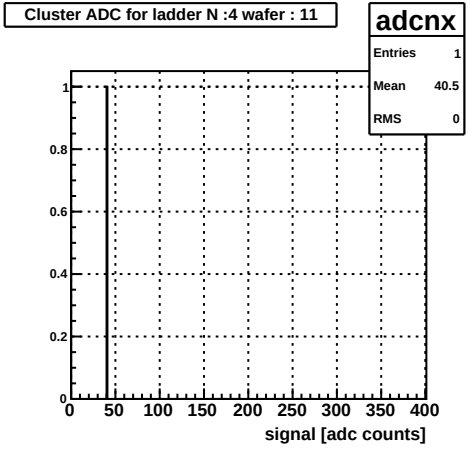

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10190
Mean 25.79
RMS 14.17
signal [adc counts]

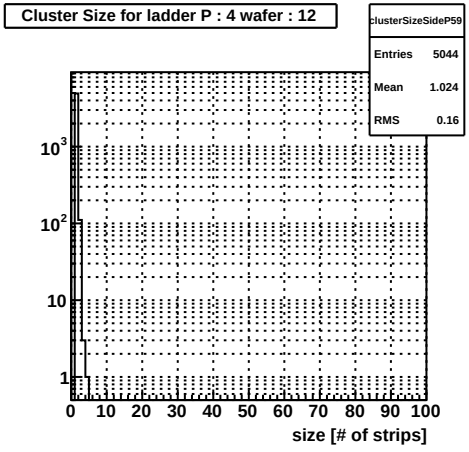

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 8
Mean 1
RMS 0
size [# of strips]

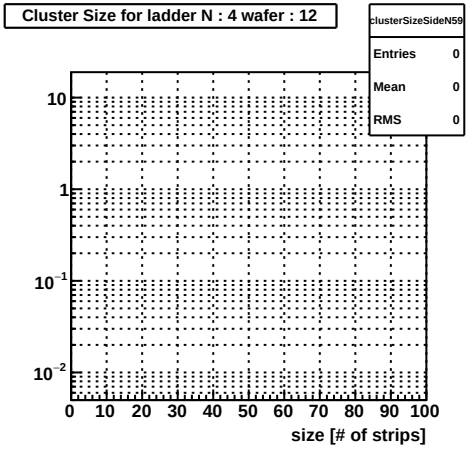

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1
Mean 1
RMS 0
size [# of strips]

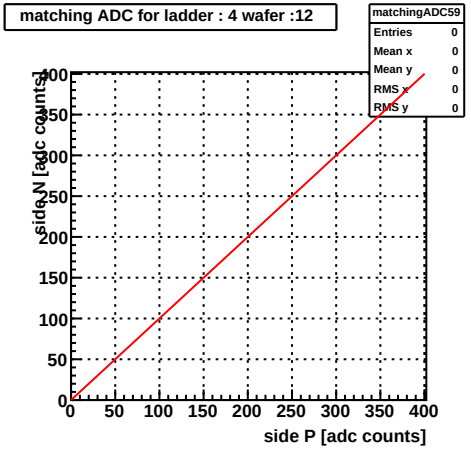

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

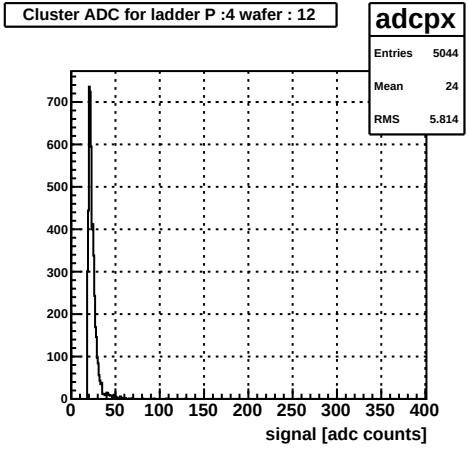

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 8
Mean 40.75
RMS 17.68
signal [adc counts]

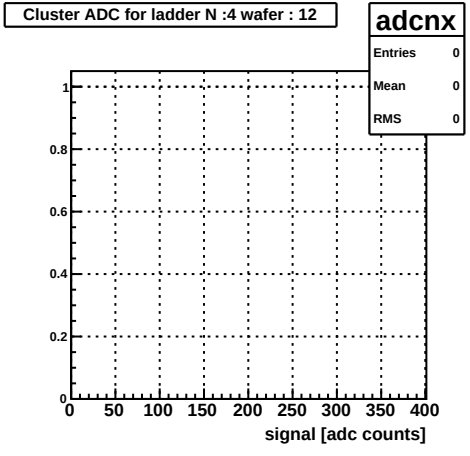

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1
Mean 40.5
RMS 0
signal [adc counts]

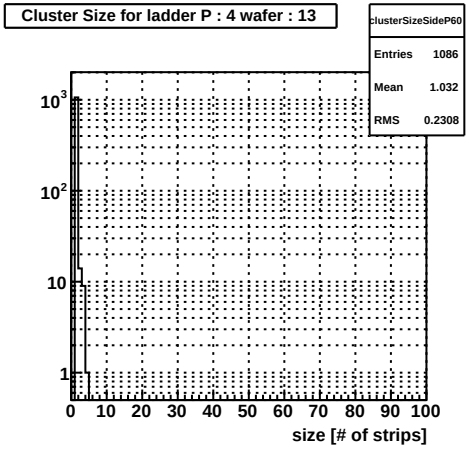

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5044
Mean 1.024
RMS 0.16
size [# of strips]

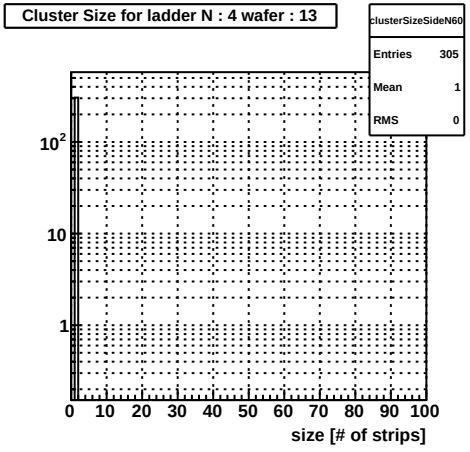

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 0
Mean 0
RMS 0
size [# of strips]

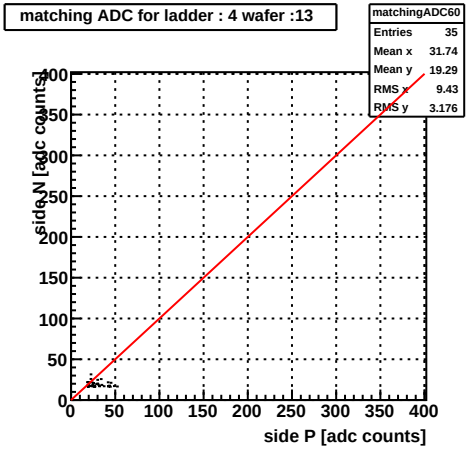

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

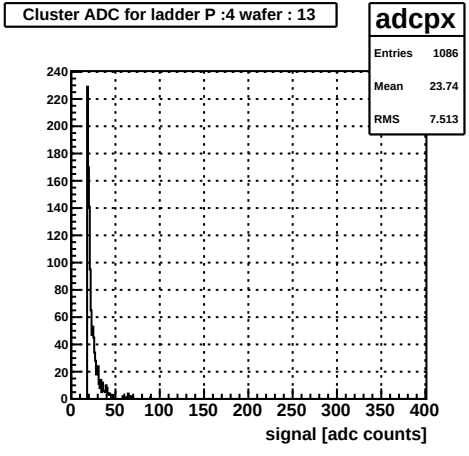

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5044
Mean 24
RMS 5.814
signal [adc counts]

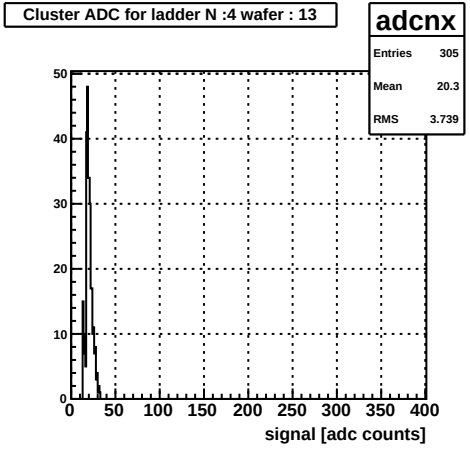

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

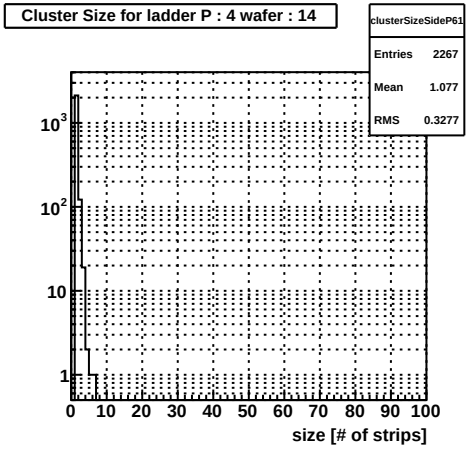

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1086
Mean 1.032
RMS 0.2308
size [# of strips]

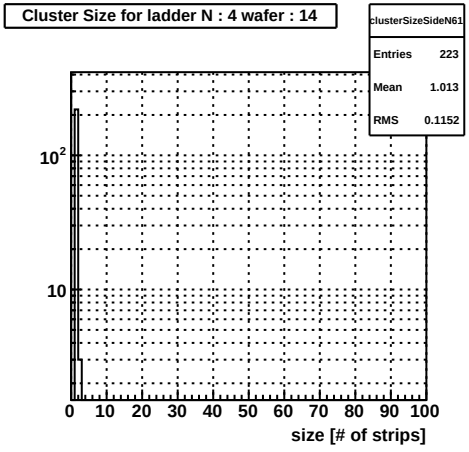

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 305
Mean 1
RMS 0
size [# of strips]

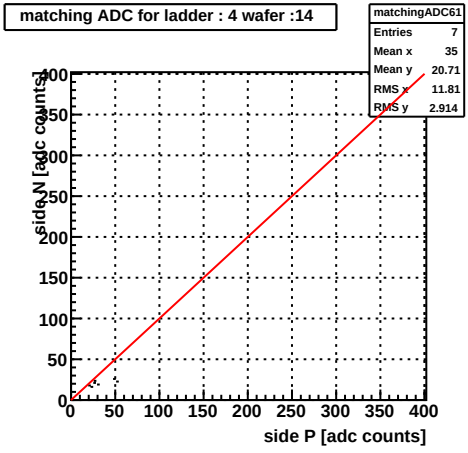

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 35
Mean x 31.74
Mean y 19.29
RMS x 9.43
RMS y 3.176
side N [adc counts]
side P [adc counts]

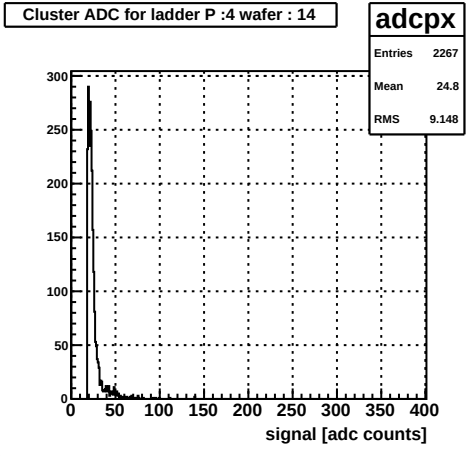

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1086
Mean 23.74
RMS 7.513
signal [adc counts]

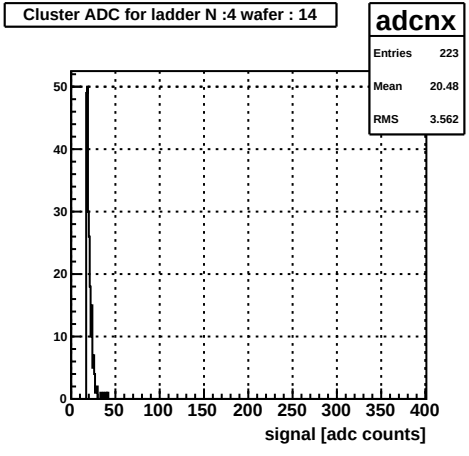

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 305
Mean 20.3
RMS 3.739
signal [adc counts]

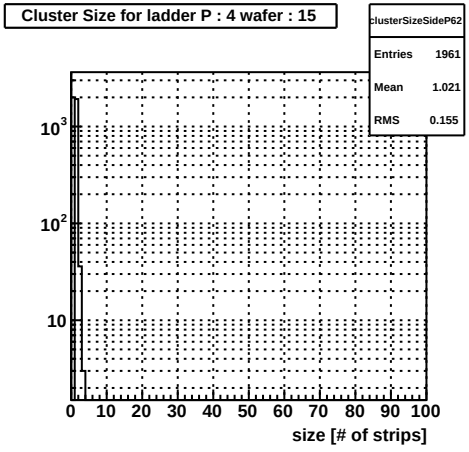

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2267
Mean 1.077
RMS 0.3277
size [# of strips]

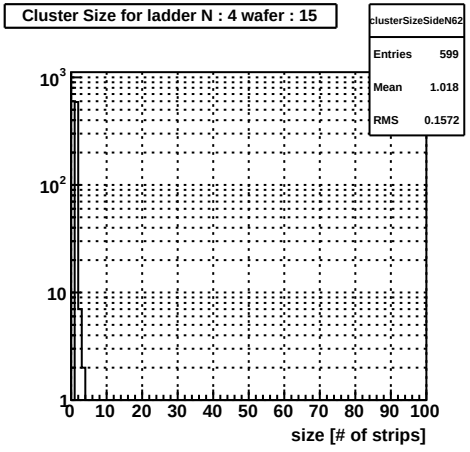

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 223
Mean 1.013
RMS 0.1152
size [# of strips]

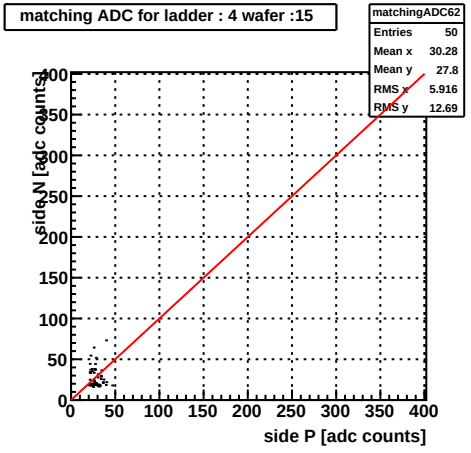

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 7
Mean x 35
Mean y 20.71
RMS x 11.81
RMS y 2.914
side N [adc counts]
side P [adc counts]

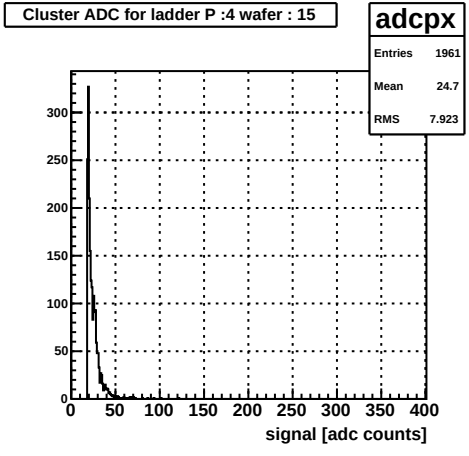

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2267
Mean 24.8
RMS 9.148
signal [adc counts]

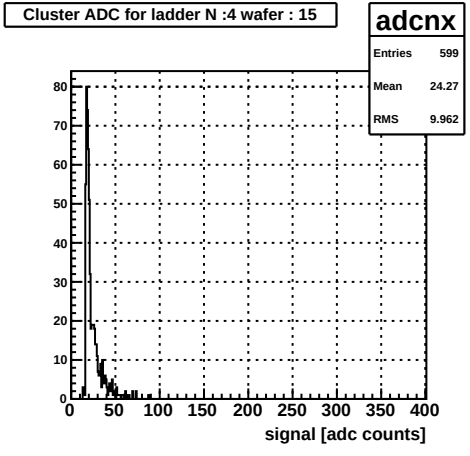

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 223
Mean 20.48
RMS 3.562
signal [adc counts]

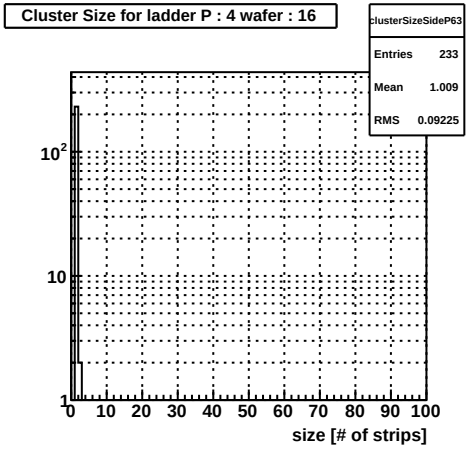

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 1961
Mean 1.021
RMS 0.155
size [# of strips]

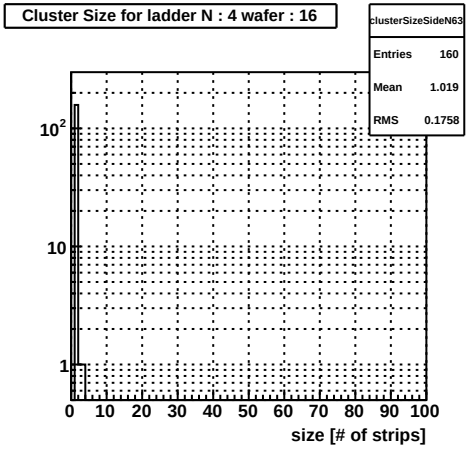

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 599
Mean 1.018
RMS 0.1572
size [# of strips]

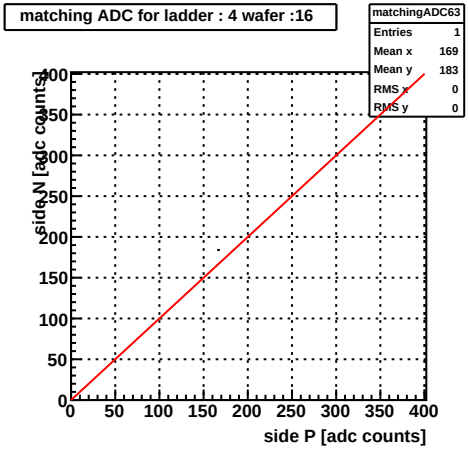

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 50
Mean x 30.28
Mean y 27.8
RMS x 5.916
RMS y 12.69
side N [adc counts]
side P [adc counts]

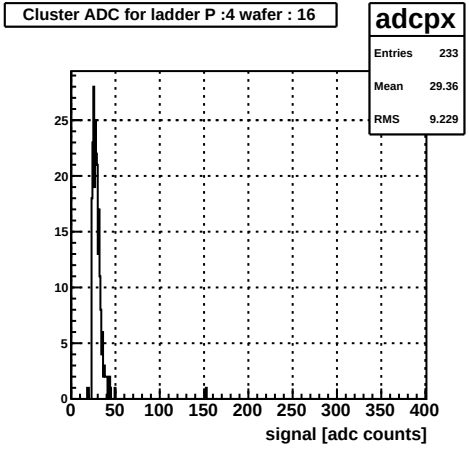

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 1961
Mean 24.7
RMS 7.923
signal [adc counts]

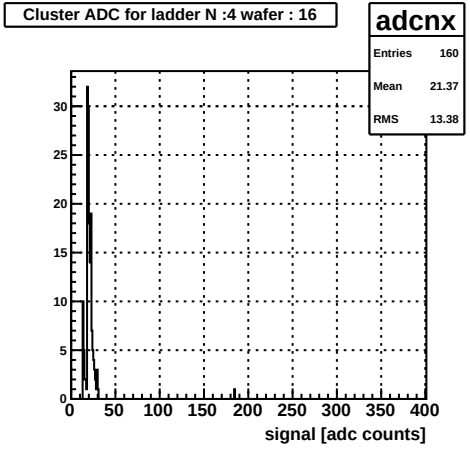

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 599
Mean 24.27
RMS 9.962
signal [adc counts]

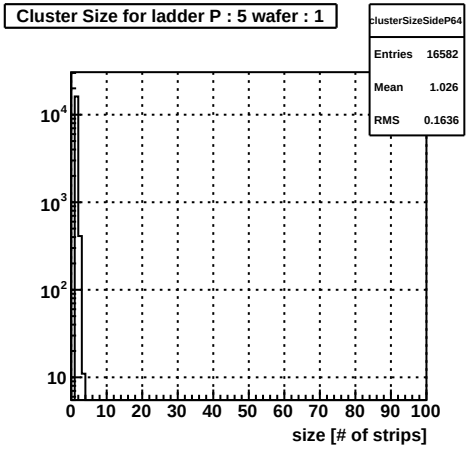

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 233
Mean 1.009
RMS 0.09225
size [# of strips]

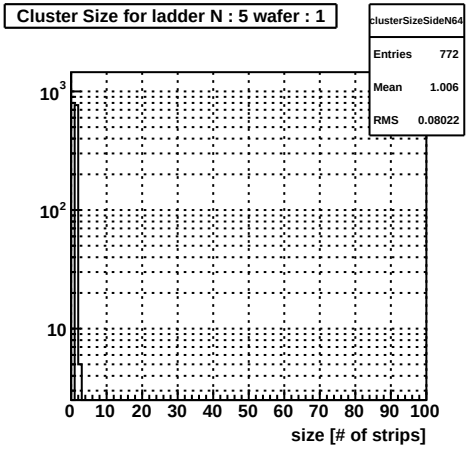

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 160
Mean 1.019
RMS 0.1758
size [# of strips]

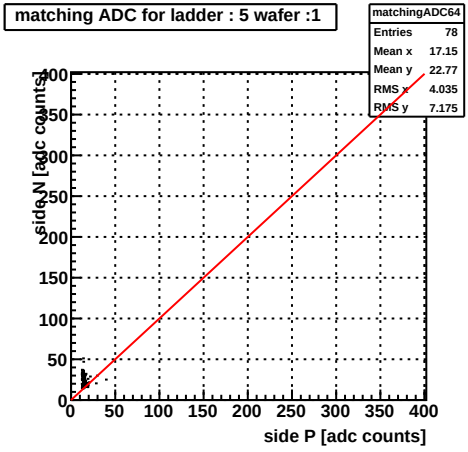

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1
Mean x 169
Mean y 183
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

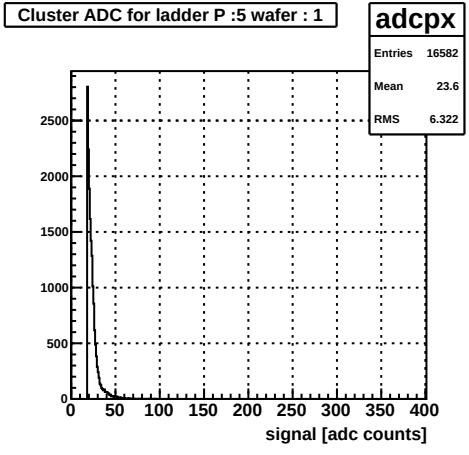

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 233
Mean 29.36
RMS 9.229
signal [adc counts]

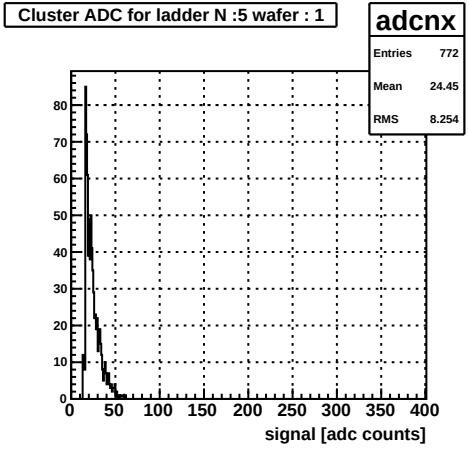

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 160
Mean 21.37
RMS 13.38
signal [adc counts]

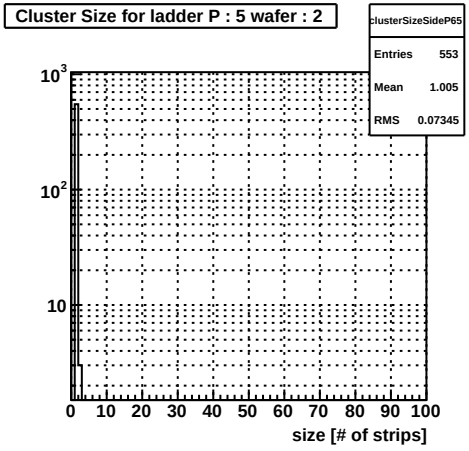

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 16582
Mean 1.026
RMS 0.1636
size [# of strips]

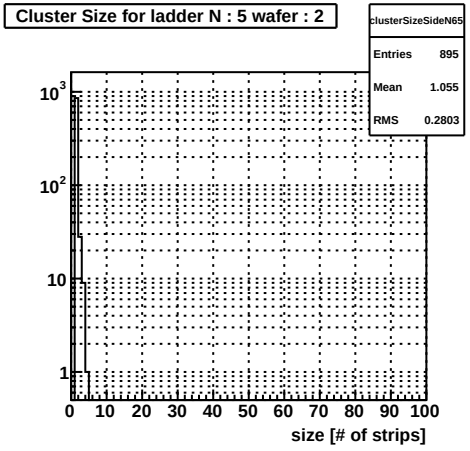

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 772
Mean 1.006
RMS 0.08022
size [# of strips]

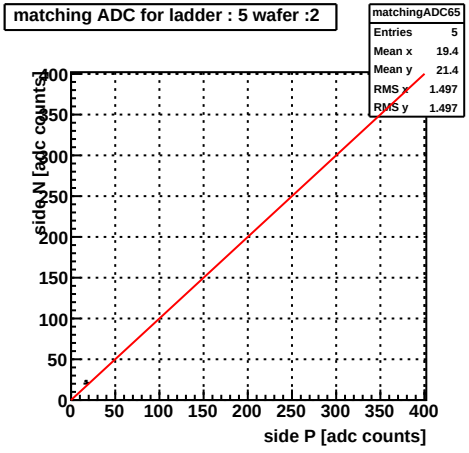

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 78
Mean x 17.15
Mean y 22.77
RMS x 4.035
RMS y 7.175
side N [adc counts]
side P [adc counts]

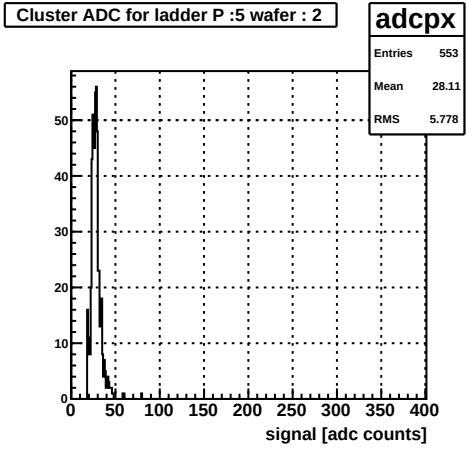

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 16582
Mean 23.6
RMS 6.322
signal [adc counts]

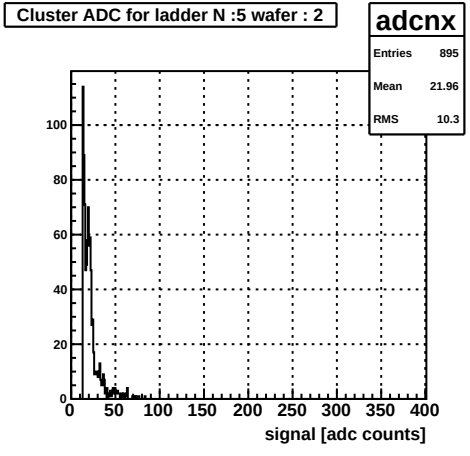

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 772
Mean 24.45
RMS 8.254
signal [adc counts]

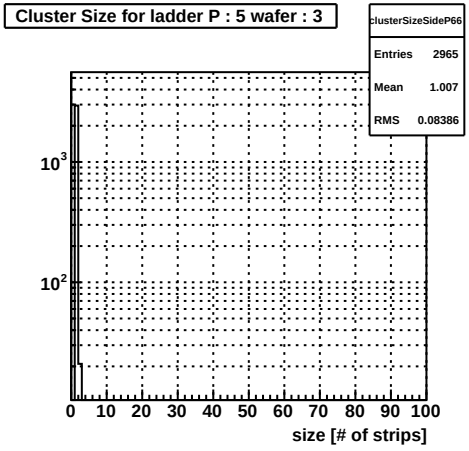

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 553
Mean 1.005
RMS 0.07345
size [# of strips]

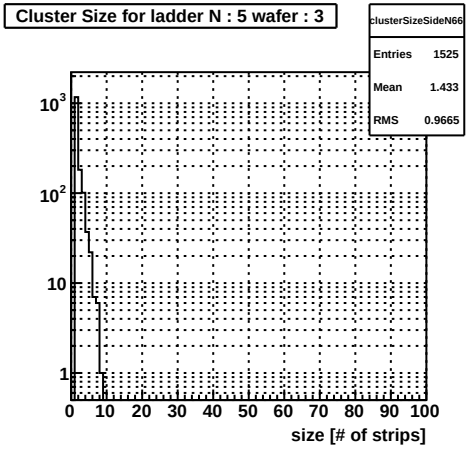

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 895
Mean 1.055
RMS 0.2803
size [# of strips]

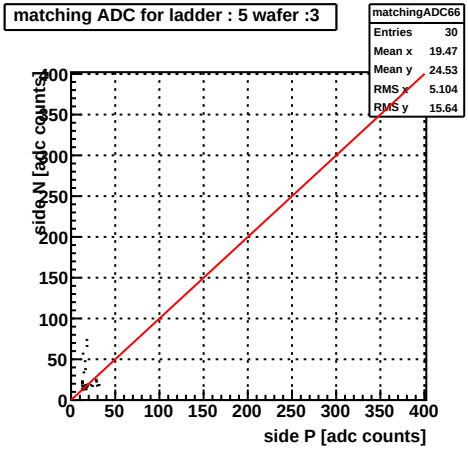

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 5
Mean x 19.4
Mean y 21.4
RMS x 1.497
RMS y 1.497
side N [adc counts]
side P [adc counts]

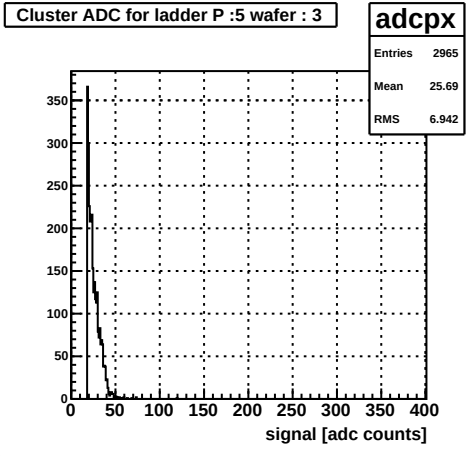

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 553
Mean 28.11
RMS 5.778
signal [adc counts]

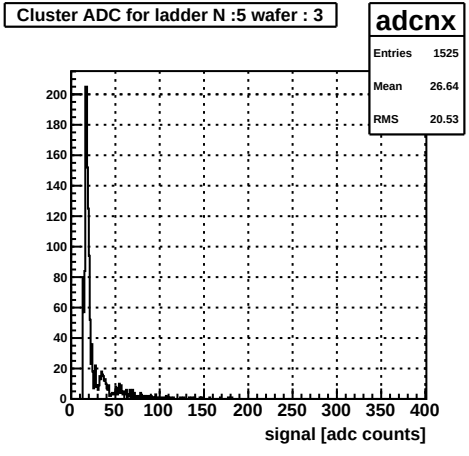

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 895
Mean 21.96
RMS 10.3
signal [adc counts]

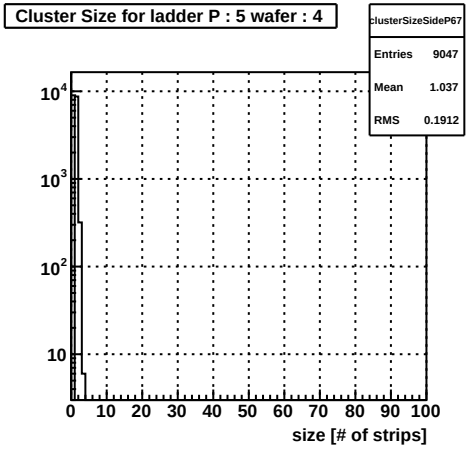

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2965
Mean 1.007
RMS 0.08386
size [# of strips]

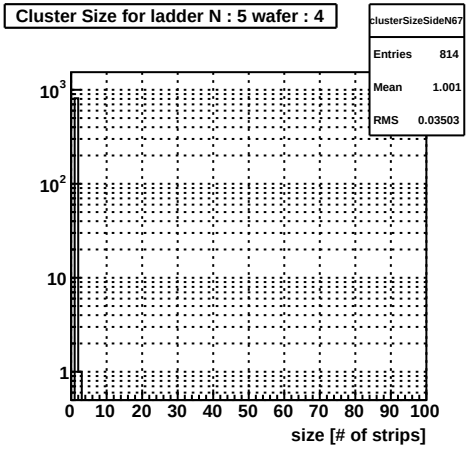

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1525
Mean 1.433
RMS 0.9665
size [# of strips]

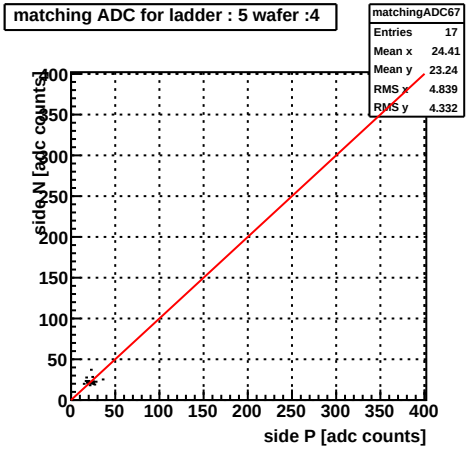

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 30
Mean x 19.47
Mean y 24.53
RMS x 5.104
RMS y 15.64
side N [adc counts]
side P [adc counts]

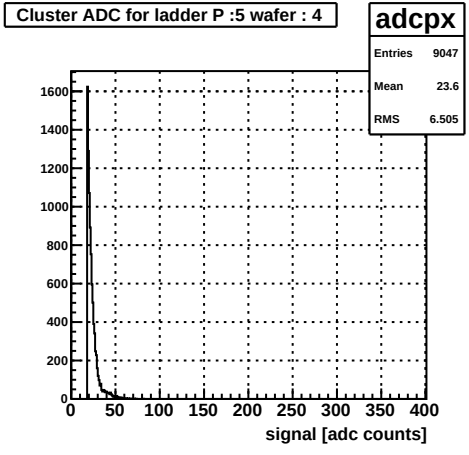

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2965
Mean 25.69
RMS 6.942
signal [adc counts]

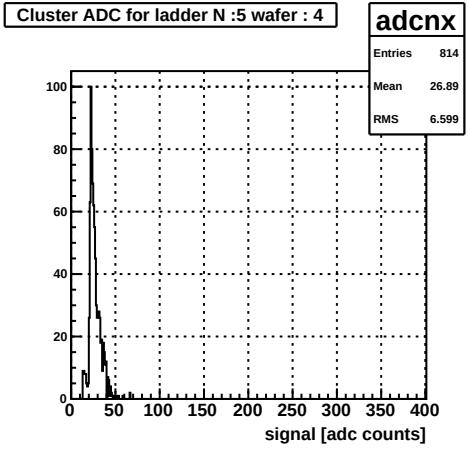

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1525
Mean 26.64
RMS 20.53
signal [adc counts]

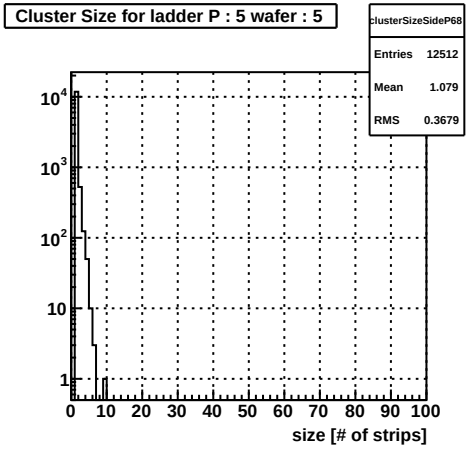

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 9047
Mean 1.037
RMS 0.1912
size [# of strips]

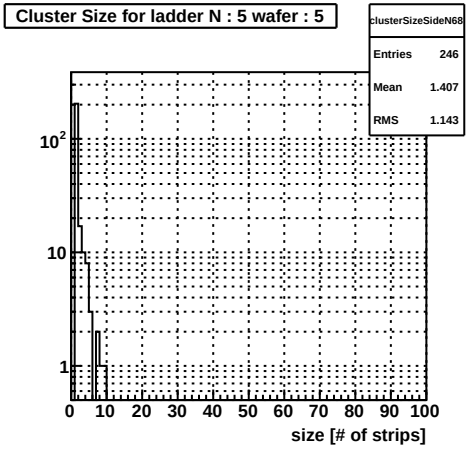

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 814
Mean 1.001
RMS 0.03503
size [# of strips]

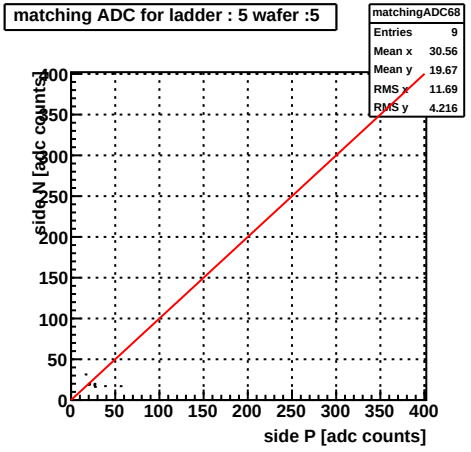

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 17
Mean x 24.41
Mean y 23.24
RMS x 4.839
RMS y 4.332
side N [adc counts]
side P [adc counts]

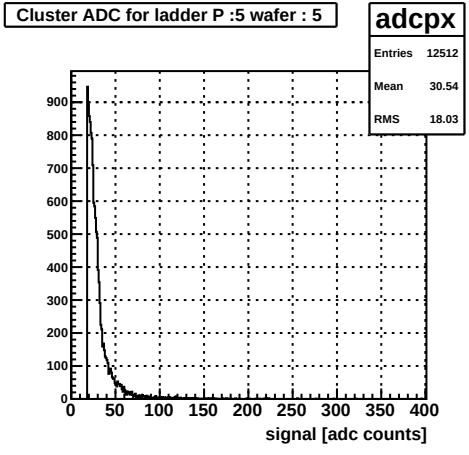

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 9047
Mean 23.6
RMS 6.505
signal [adc counts]

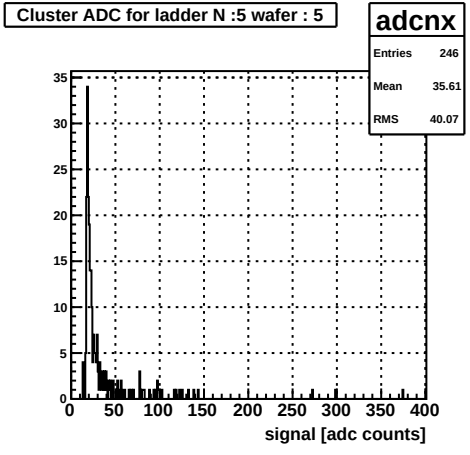

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 814
Mean 26.89
RMS 6.599
signal [adc counts]

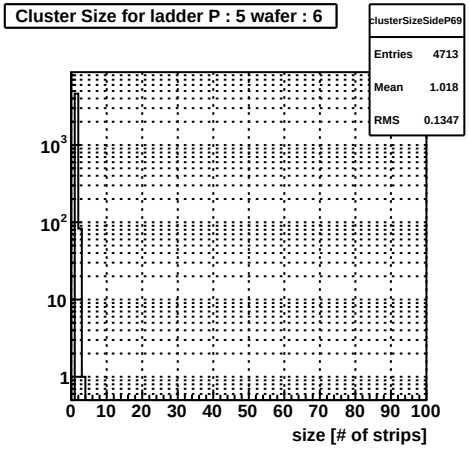

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 12512
Mean 1.079
RMS 0.3679
size [# of strips]

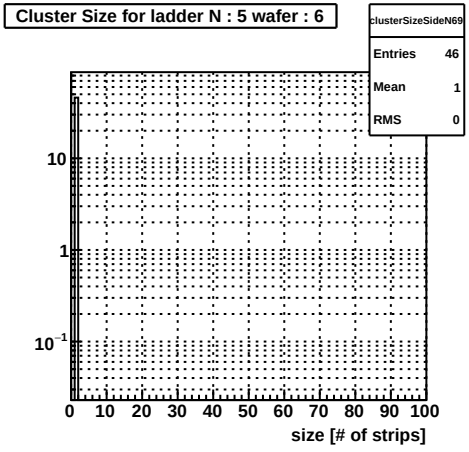

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 246
Mean 1.407
RMS 1.143
size [# of strips]

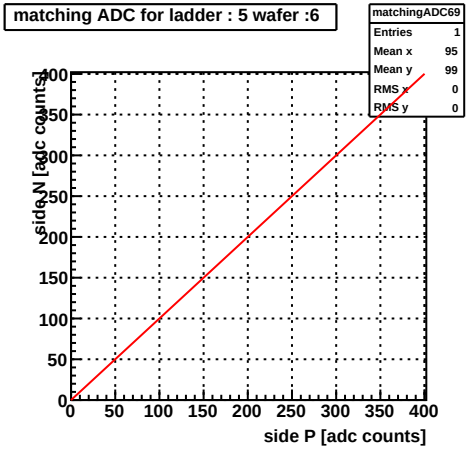

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 9
Mean x 30.56
Mean y 19.67
RMS x 11.69
RMS y 4.216
side N [adc counts]
side P [adc counts]

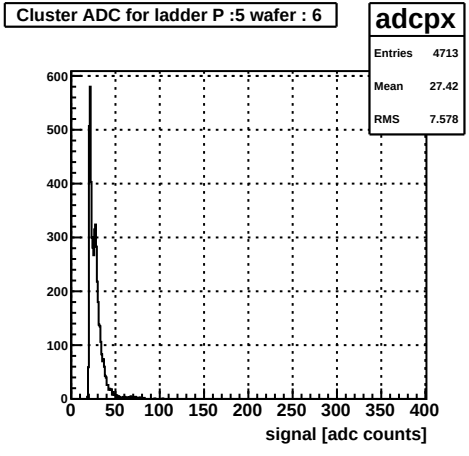

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 12512
Mean 30.54
RMS 18.03
signal [adc counts]

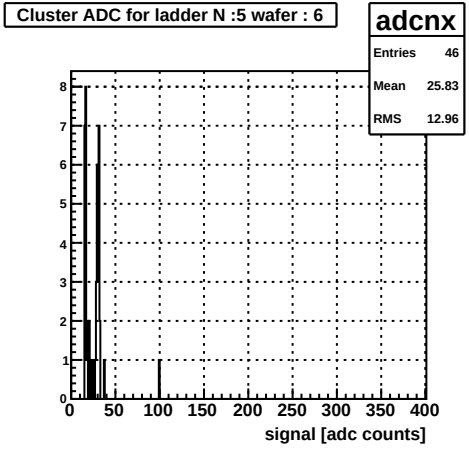

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 246
Mean 35.61
RMS 40.07
signal [adc counts]

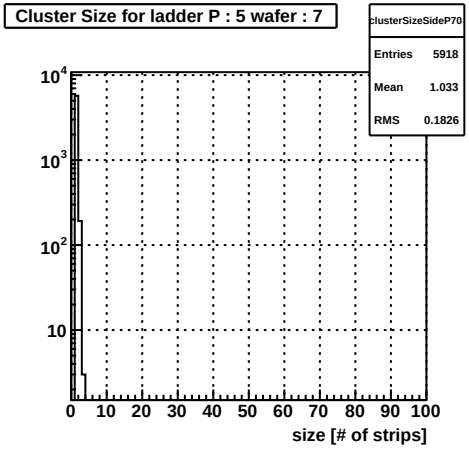

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 4713
Mean 1.018
RMS 0.1347
size [# of strips]

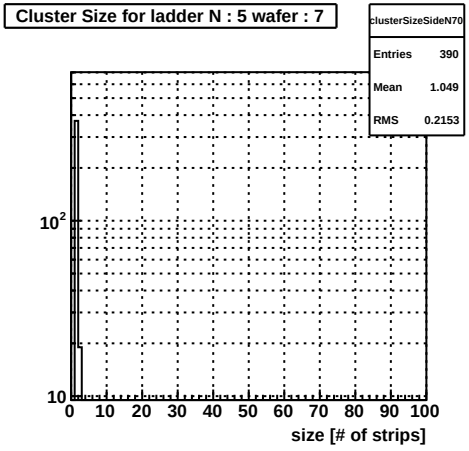

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 46
Mean 1
RMS 0
size [# of strips]

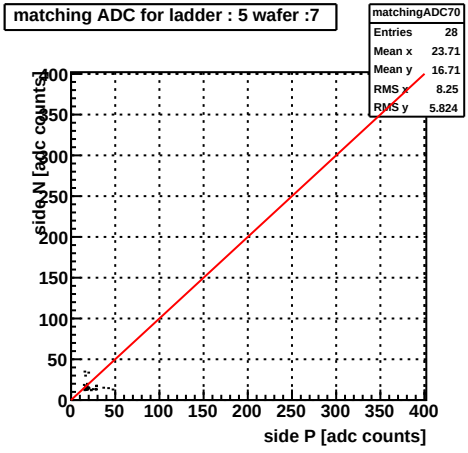

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1
Mean x 95
Mean y 99
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

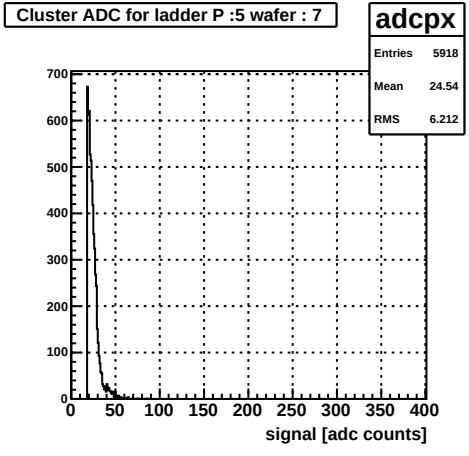

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 4713
Mean 27.42
RMS 7.578
signal [adc counts]

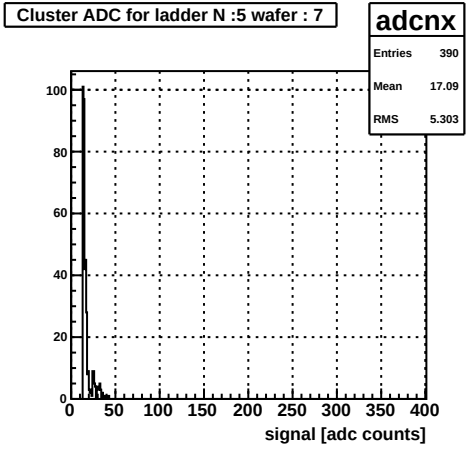

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 46
Mean 25.83
RMS 12.96
signal [adc counts]

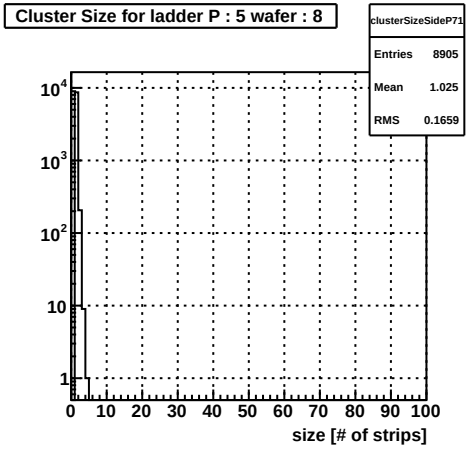

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 5918
Mean 1.033
RMS 0.1826
size [# of strips]

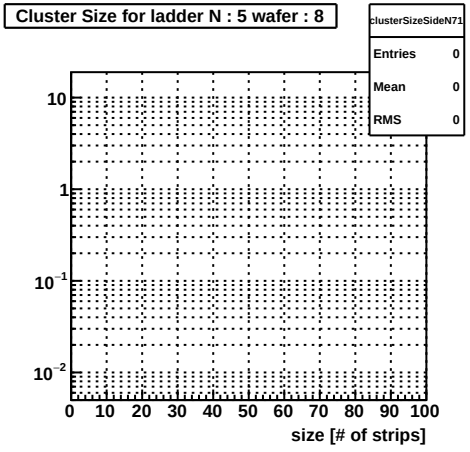

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 390
Mean 1.049
RMS 0.2153
size [# of strips]

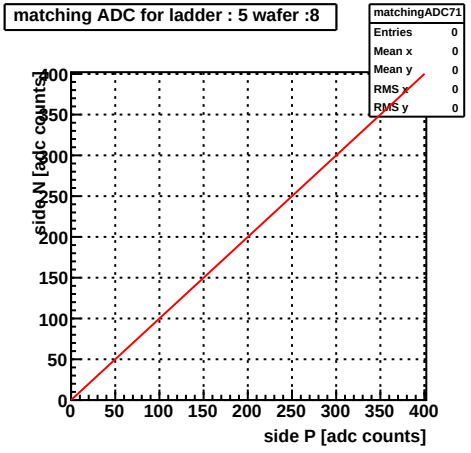

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 28
Mean x 23.71
Mean y 16.71
RMS x 8.25
RMS y 5.824
side N [adc counts]
side P [adc counts]

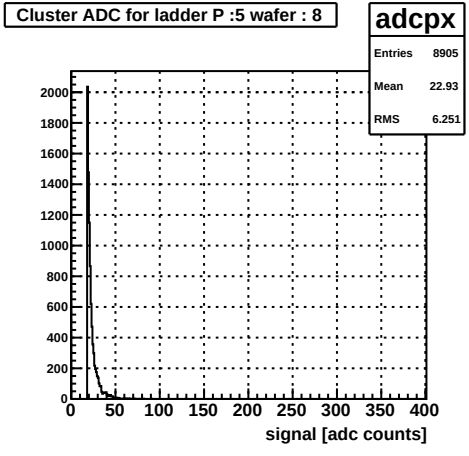

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 5918
Mean 24.54
RMS 6.212
signal [adc counts]

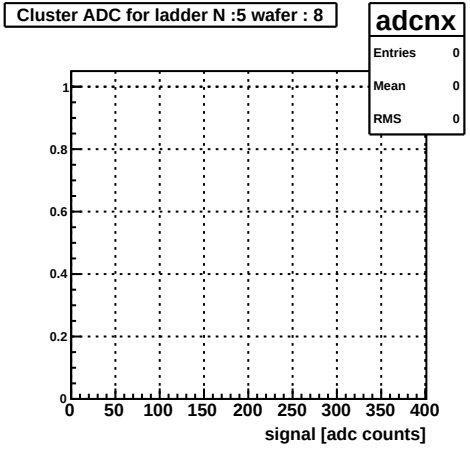

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 390
Mean 17.09
RMS 5.303
signal [adc counts]

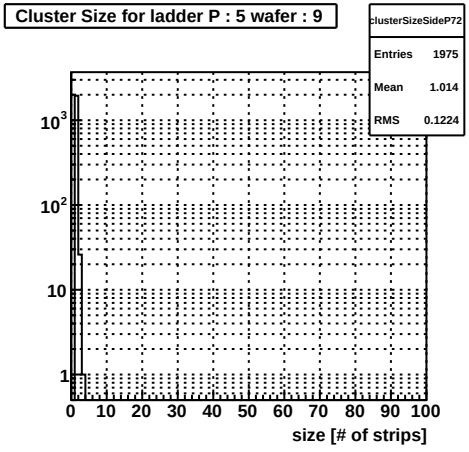

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 8905
Mean 1.025
RMS 0.1659
size [# of strips]

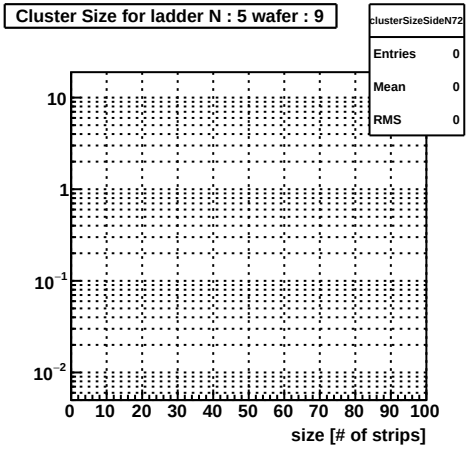

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

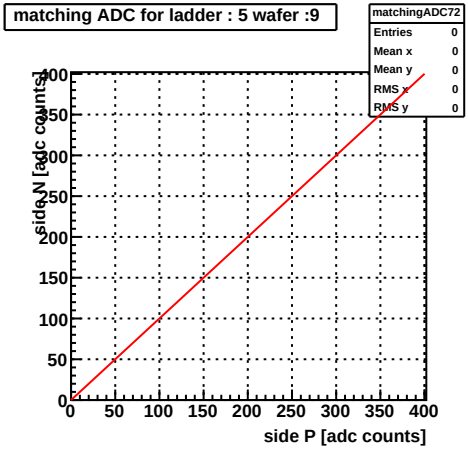

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

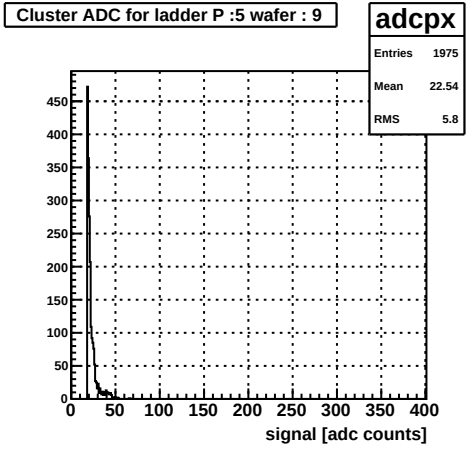

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 8905
Mean 22.93
RMS 6.251
signal [adc counts]

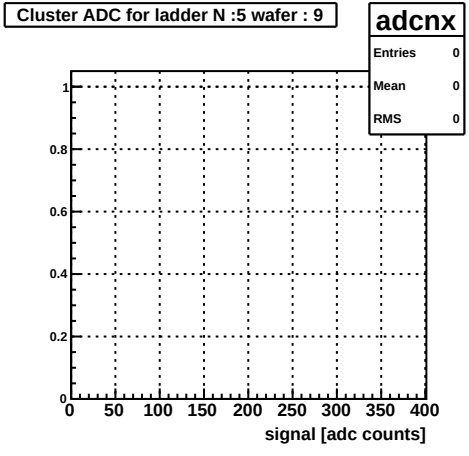

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

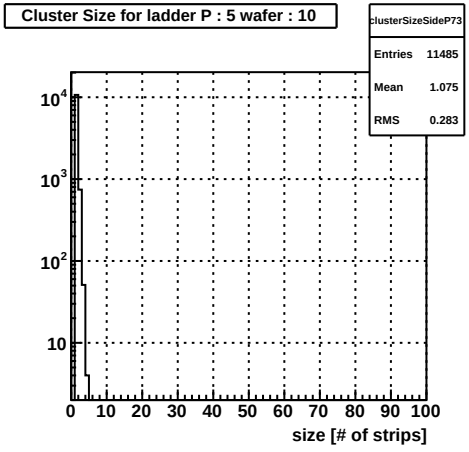

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1975
Mean 1.014
RMS 0.1224
size [# of strips]

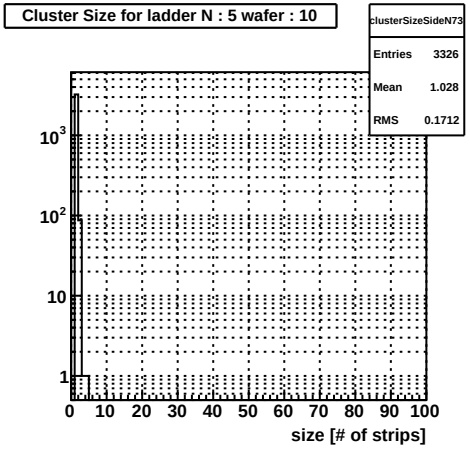

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

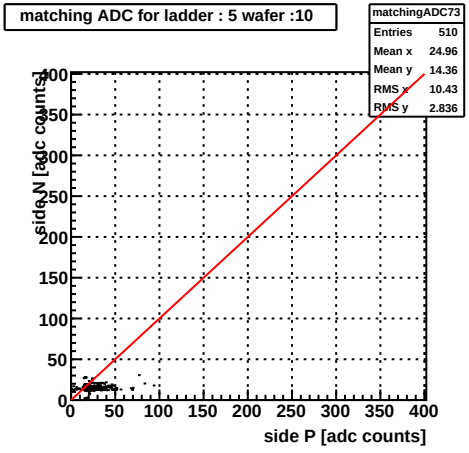

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

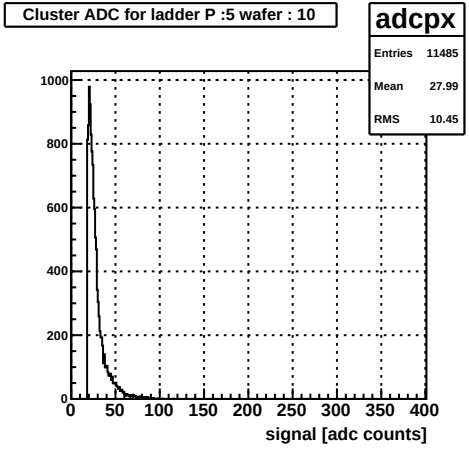

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1975
Mean 22.54
RMS 5.8
signal [adc counts]

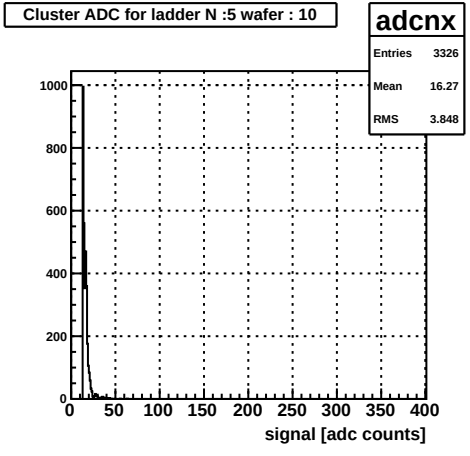

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

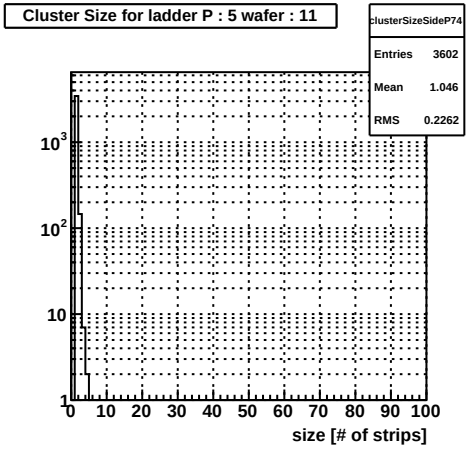

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11485
Mean 1.075
RMS 0.283
size [# of strips]

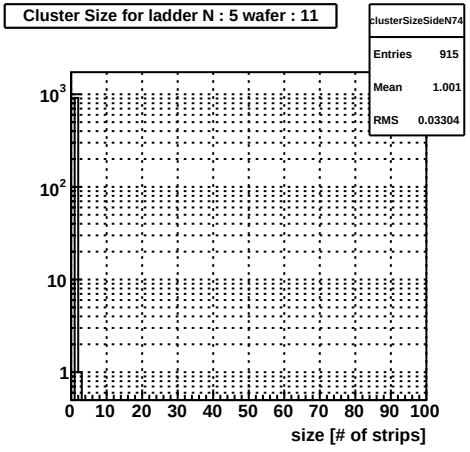

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3326
Mean 1.028
RMS 0.1712
size [# of strips]

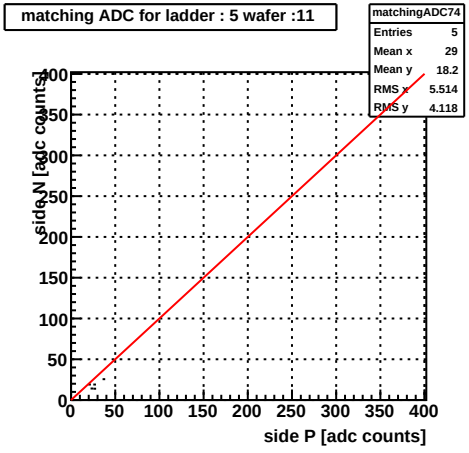

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 510
Mean x 24.96
Mean y 14.36
RMS x 10.43
RMS y 2.836
side N [adc counts]
side P [adc counts]

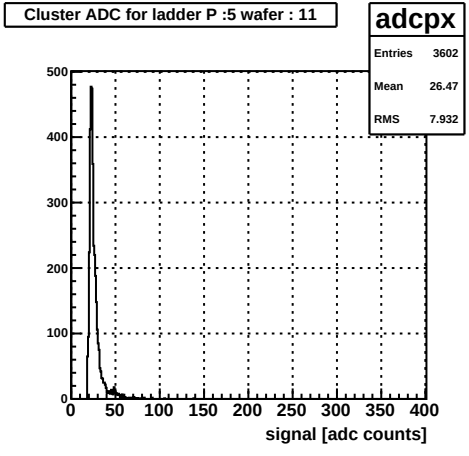

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11485
Mean 27.99
RMS 10.45
signal [adc counts]

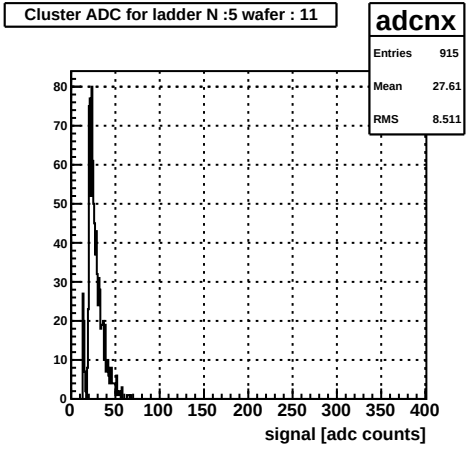

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3326
Mean 16.27
RMS 3.848
signal [adc counts]

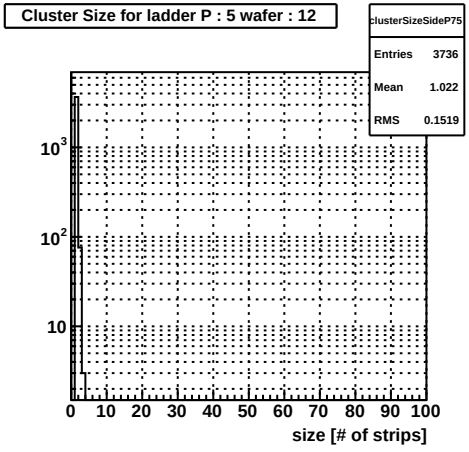

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3602
Mean 1.046
RMS 0.2262
size [# of strips]

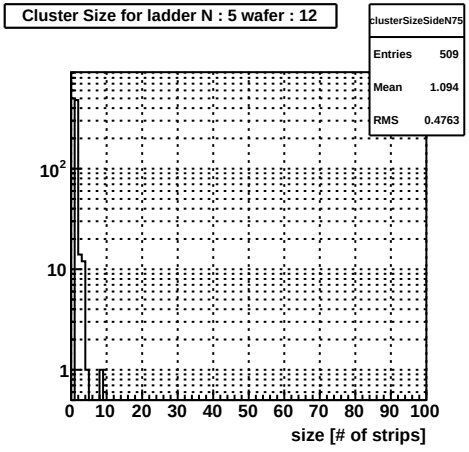

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 915
Mean 1.001
RMS 0.03304
size [# of strips]

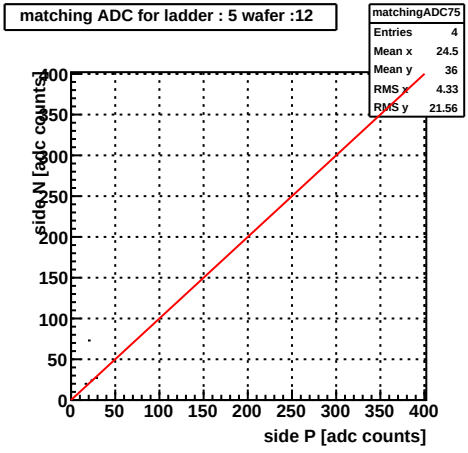

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 5
Mean x 29
Mean y 18.2
RMS x 5.514
RMS y 4.118
side N [adc counts]
side P [adc counts]

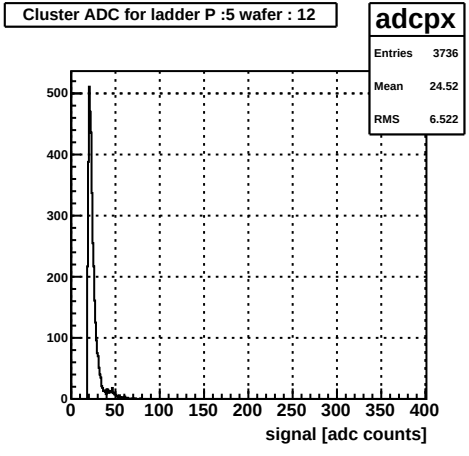

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3602
Mean 26.47
RMS 7.932
signal [adc counts]

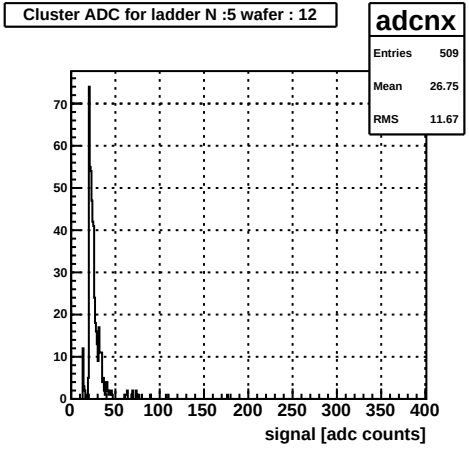

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 915
Mean 27.61
RMS 8.511
signal [adc counts]

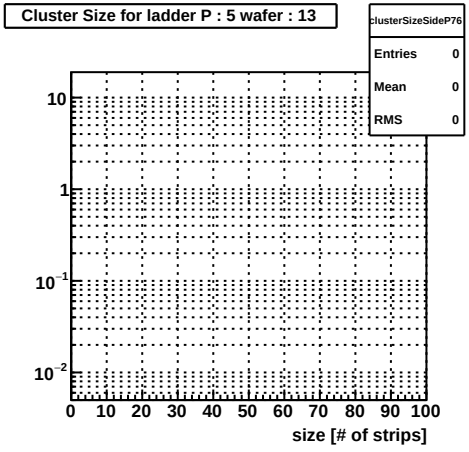

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3736
Mean 1.022
RMS 0.1519
size [# of strips]

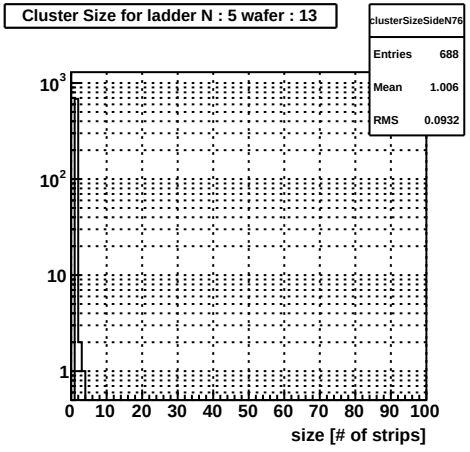

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 509
Mean 1.094
RMS 0.4763
size [# of strips]

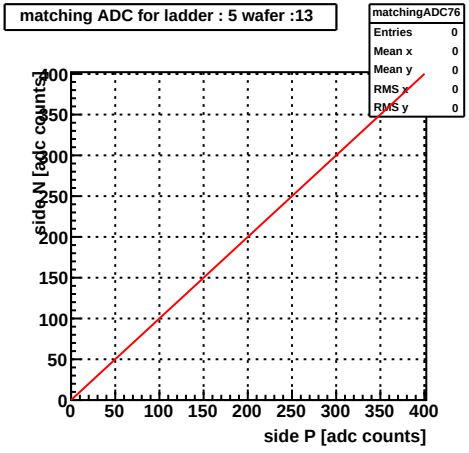

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 4
Mean x 24.5
Mean y 36
RMS x 4.33
RMS y 21.56
side N [adc counts]
side P [adc counts]

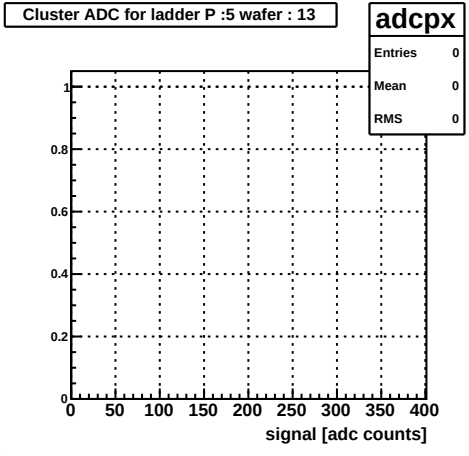

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3736
Mean 24.52
RMS 6.522
signal [adc counts]

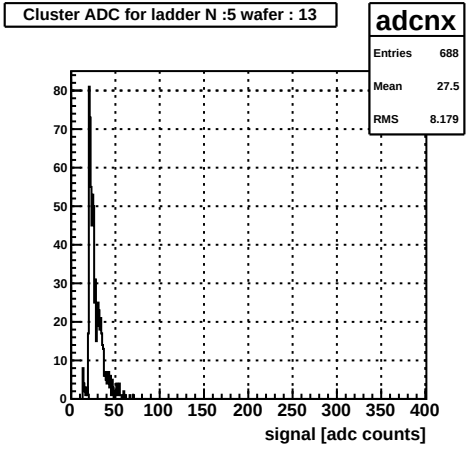

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 509
Mean 26.75
RMS 11.67
signal [adc counts]

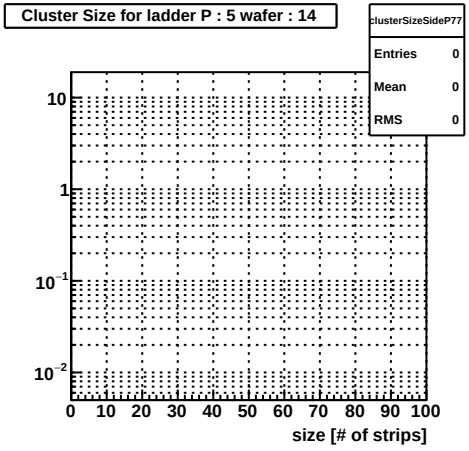

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

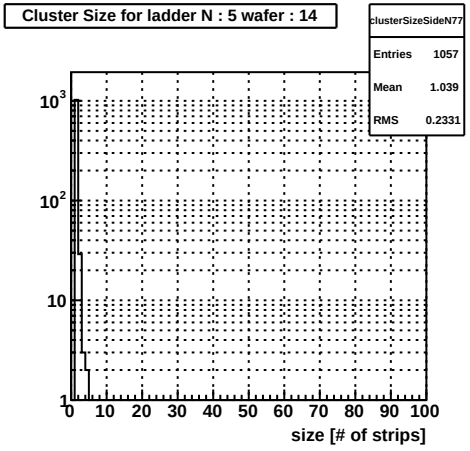

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 688
Mean 1.006
RMS 0.0932
size [# of strips]

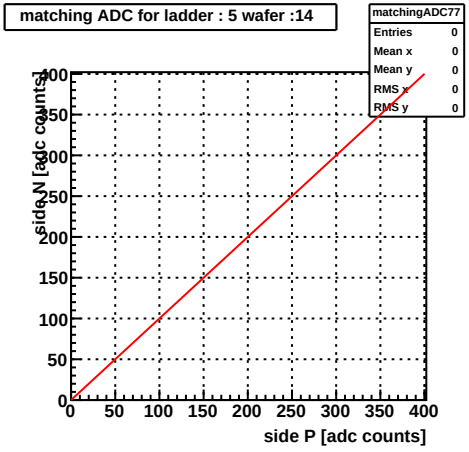

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

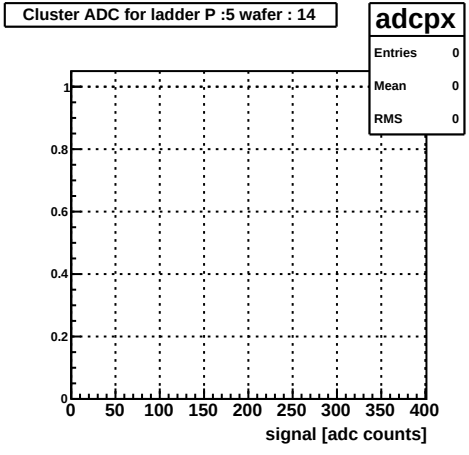

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

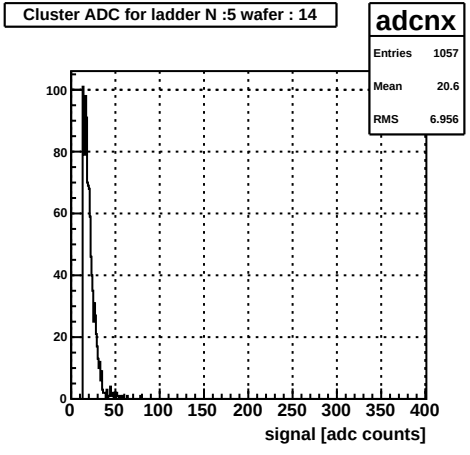

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 688
Mean 27.5
RMS 8.179
signal [adc counts]

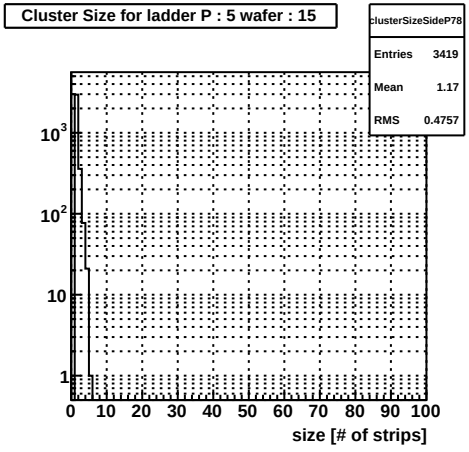

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

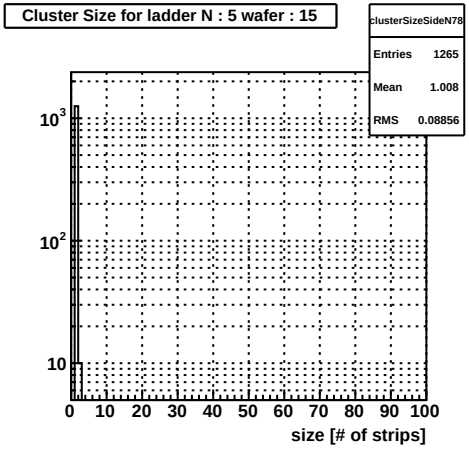

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1057
Mean 1.039
RMS 0.2331
size [# of strips]

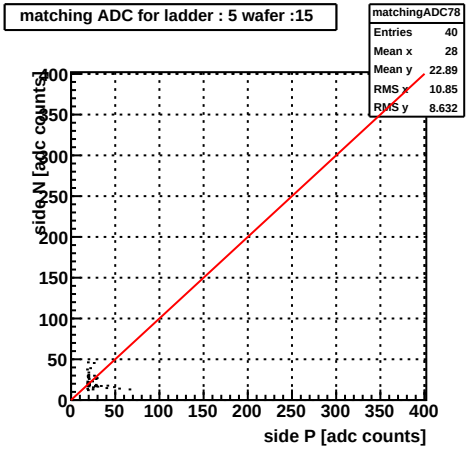

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

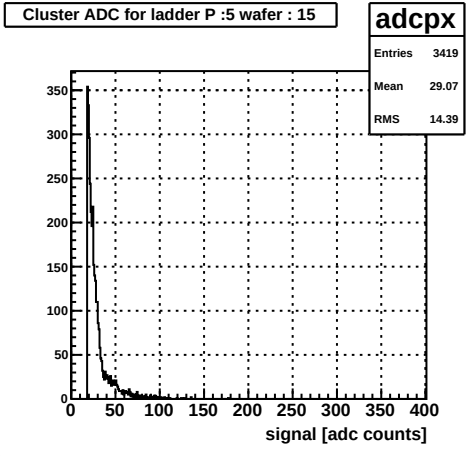

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

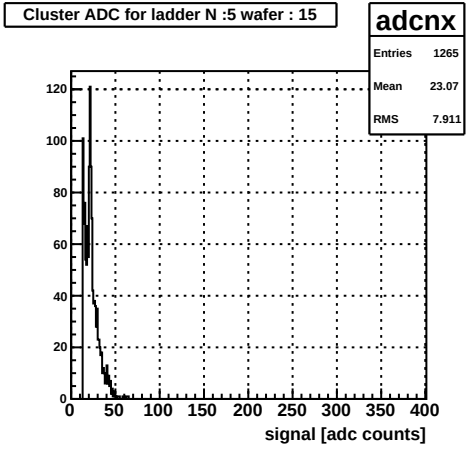

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1057
Mean 20.6
RMS 6.956
signal [adc counts]

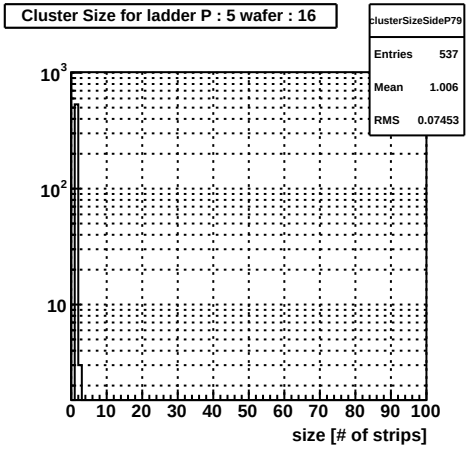

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3419
Mean 1.17
RMS 0.4757
size [# of strips]

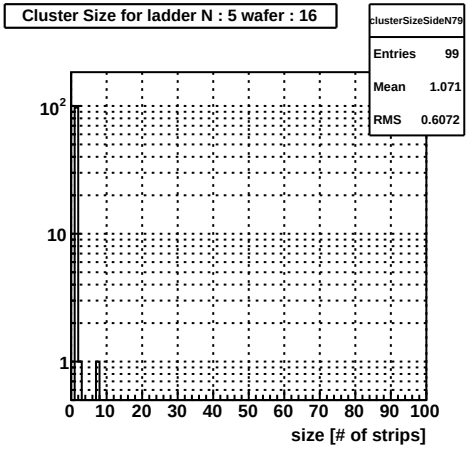

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1265
Mean 1.008
RMS 0.08856
size [# of strips]

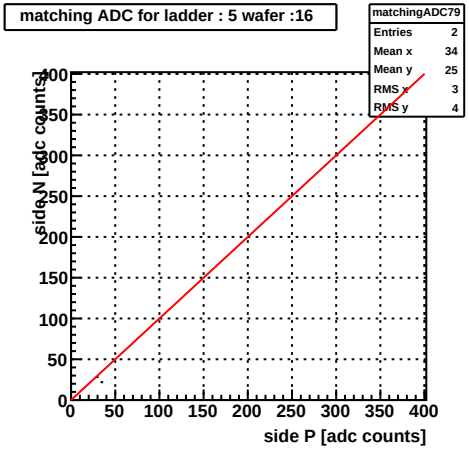

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 40
Mean x 28
Mean y 22.89
RMS x 10.85
RMS y 8.632
side N [adc counts]
side P [adc counts]

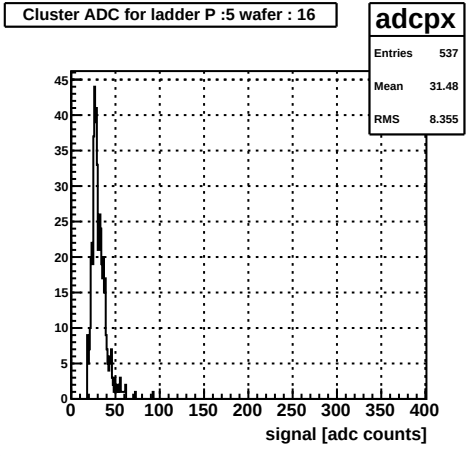

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3419
Mean 29.07
RMS 14.39
signal [adc counts]

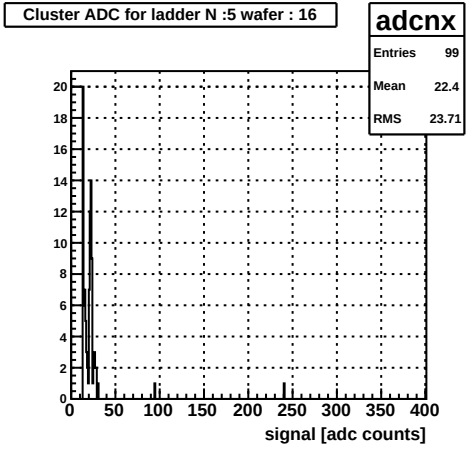

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1265
Mean 23.07
RMS 7.911
signal [adc counts]

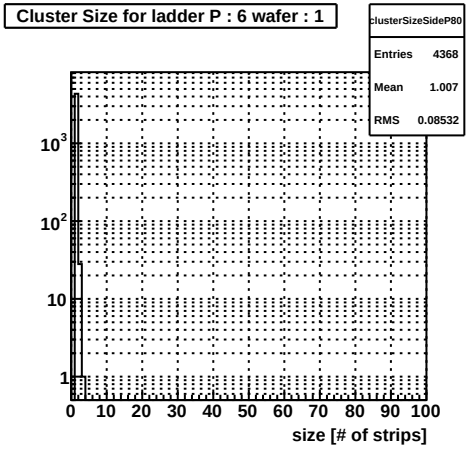

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 537
Mean 1.006
RMS 0.07453
size [# of strips]

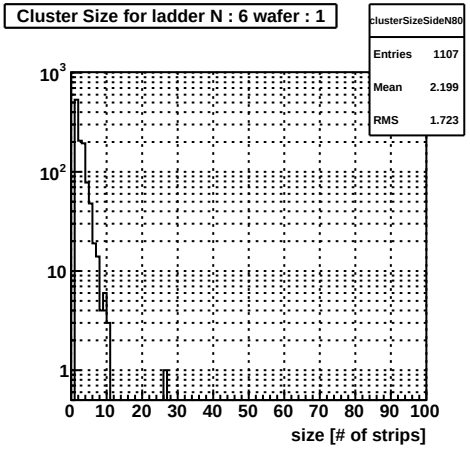

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 99
Mean 1.071
RMS 0.6072
size [# of strips]

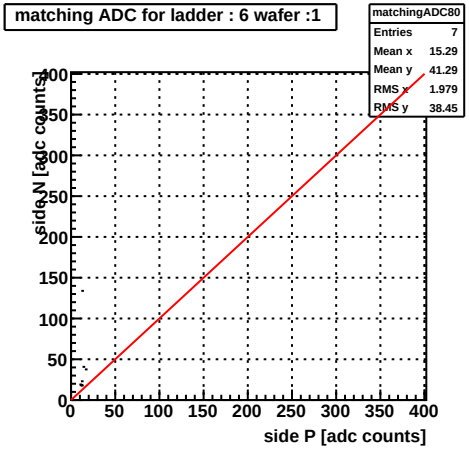

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2
Mean x 34
Mean y 25
RMS x 3
RMS y 4
side N [adc counts]
side P [adc counts]

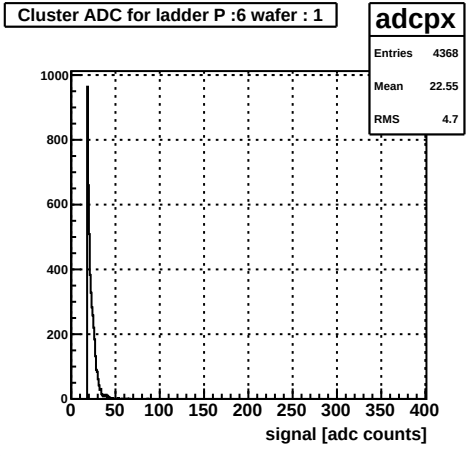

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 537
Mean 31.48
RMS 8.355
signal [adc counts]

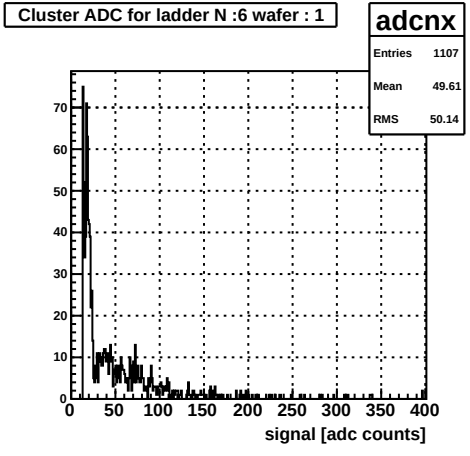

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 99
Mean 22.4
RMS 23.71
signal [adc counts]

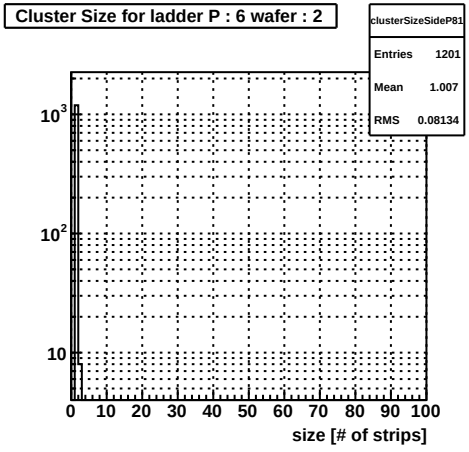

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 4368
Mean 1.007
RMS 0.08532
size [# of strips]

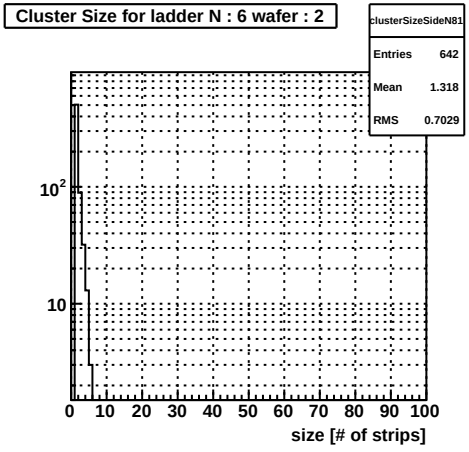

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1107
Mean 2.199
RMS 1.723
size [# of strips]

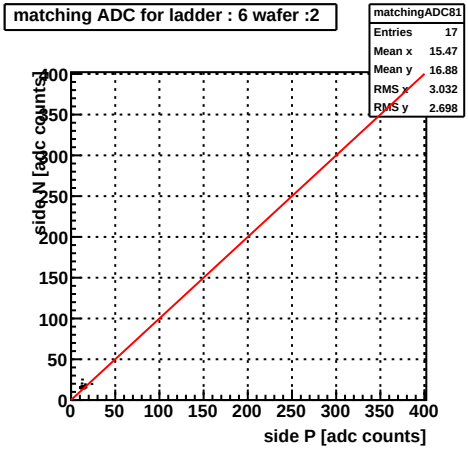

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 7
Mean x 15.29
Mean y 41.29
RMS x 1.979
RMS y 38.45
side N [adc counts]
side P [adc counts]

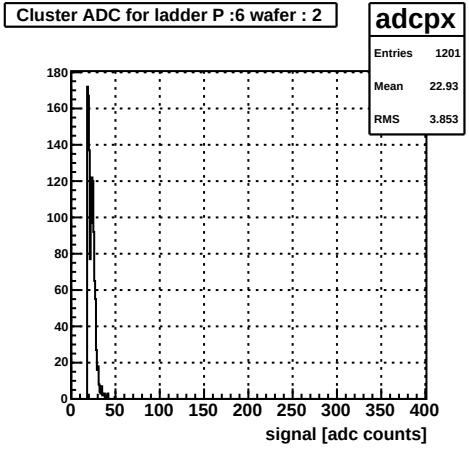

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 4368
Mean 22.55
RMS 4.7
signal [adc counts]

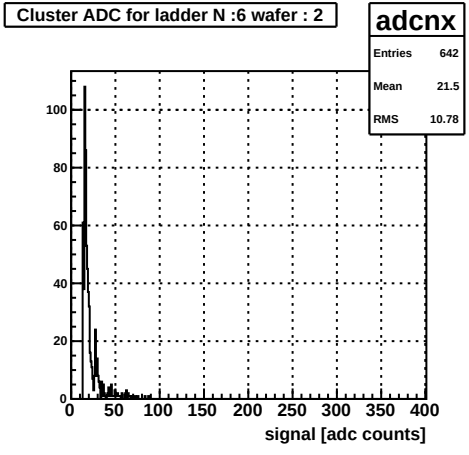

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1107
Mean 49.61
RMS 50.14
signal [adc counts]

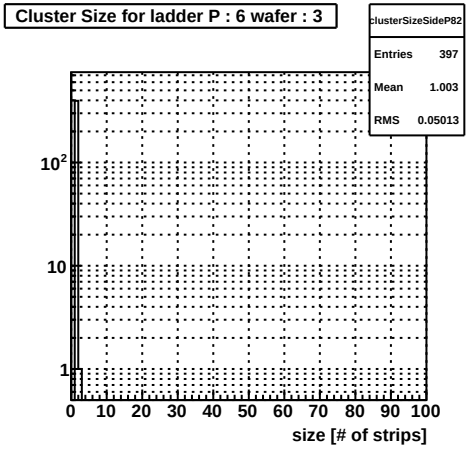

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1201
Mean 1.007
RMS 0.08134
size [# of strips]

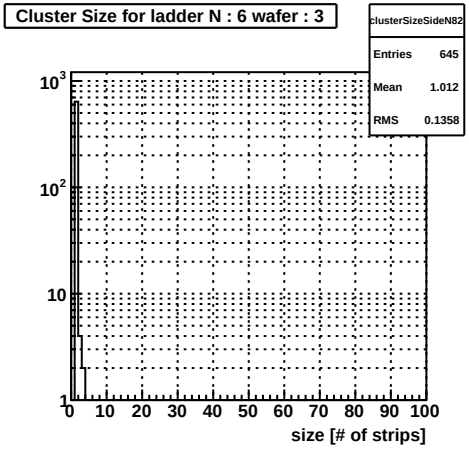

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 642
Mean 1.318
RMS 0.7029
size [# of strips]

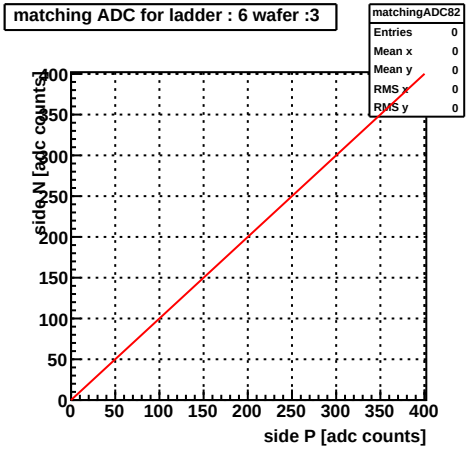

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 17
Mean x 15.47
Mean y 16.88
RMS x 3.032
RMS y 2.698
side N [adc counts]
side P [adc counts]

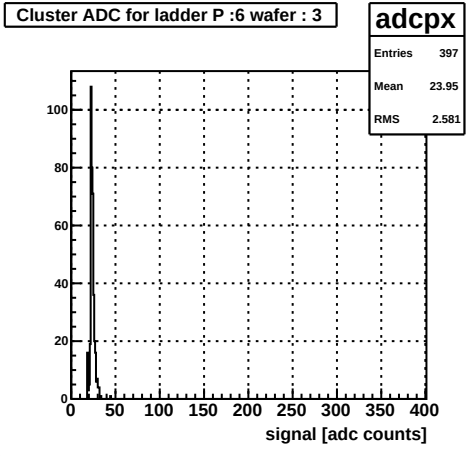

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1201
Mean 22.93
RMS 3.853
signal [adc counts]

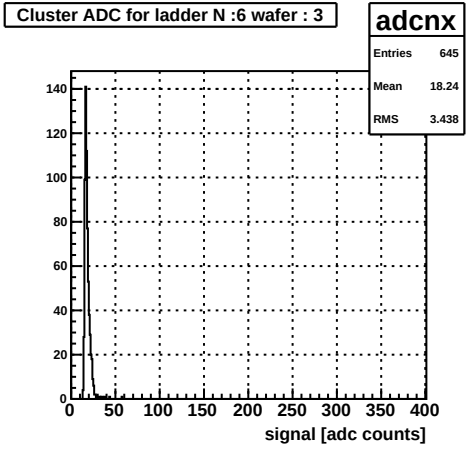

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 642
Mean 21.5
RMS 10.78
signal [adc counts]

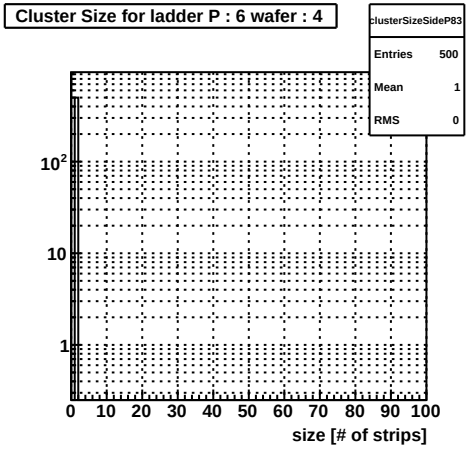

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 397
Mean 1.003
RMS 0.05013
size [# of strips]

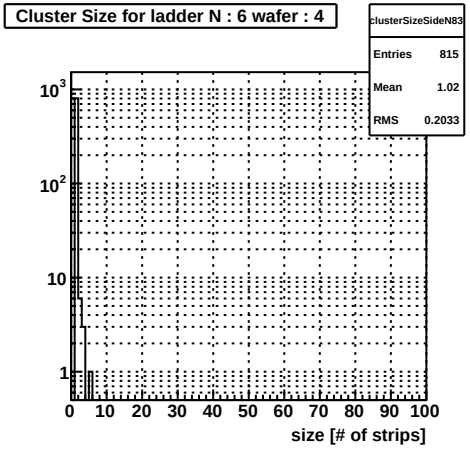

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 645
Mean 1.012
RMS 0.1358
size [# of strips]

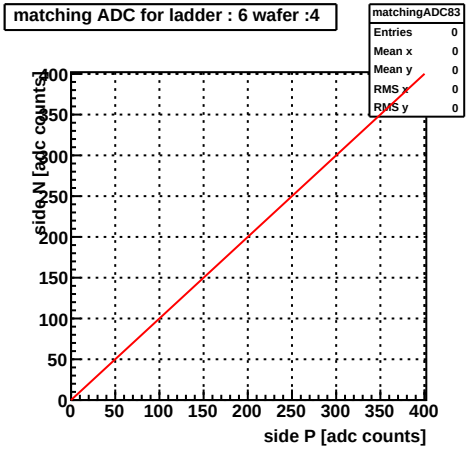

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

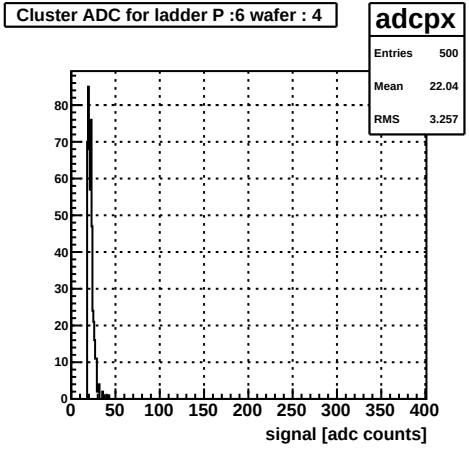

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 397
Mean 23.95
RMS 2.581
signal [adc counts]

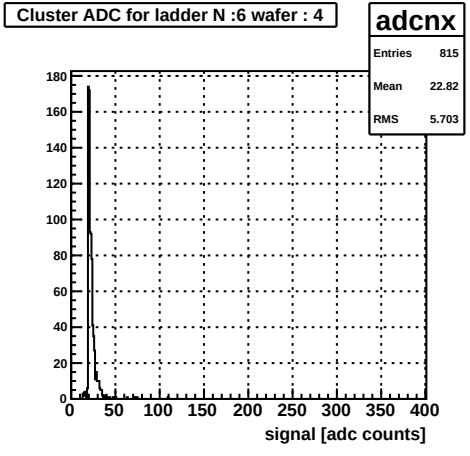

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 645
Mean 18.24
RMS 3.438
signal [adc counts]

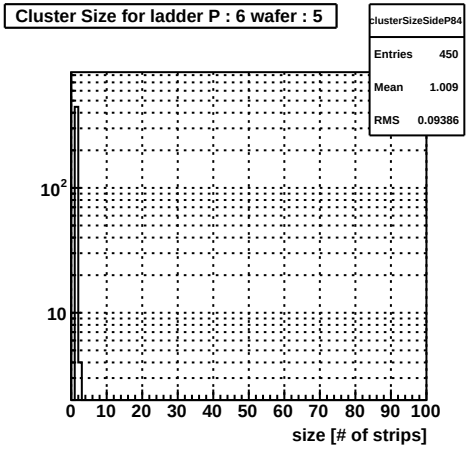

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 500
Mean 1
RMS 0
size [# of strips]

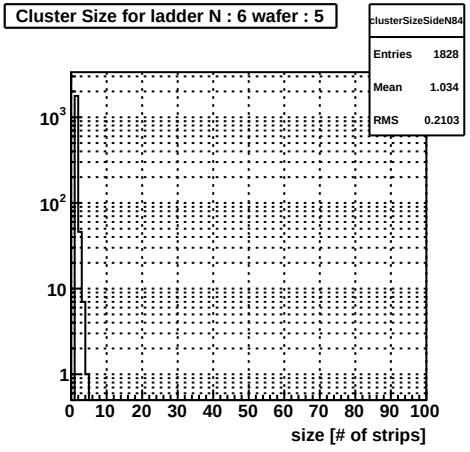

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 815
Mean 1.02
RMS 0.2033
size [# of strips]

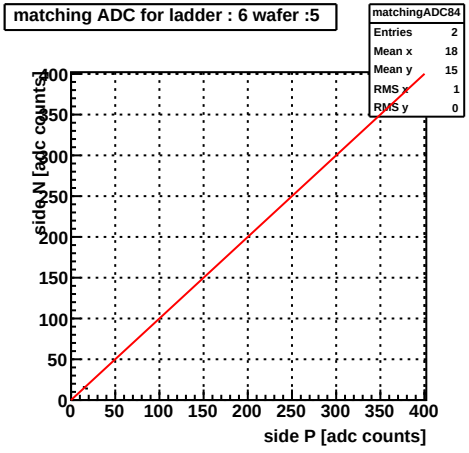

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

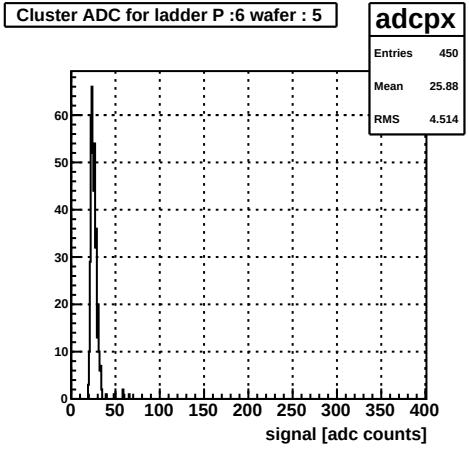

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 500
Mean 22.04
RMS 3.257
signal [adc counts]

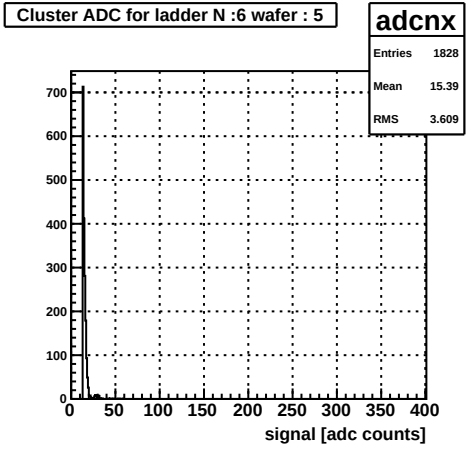

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 815
Mean 22.82
RMS 5.703
signal [adc counts]

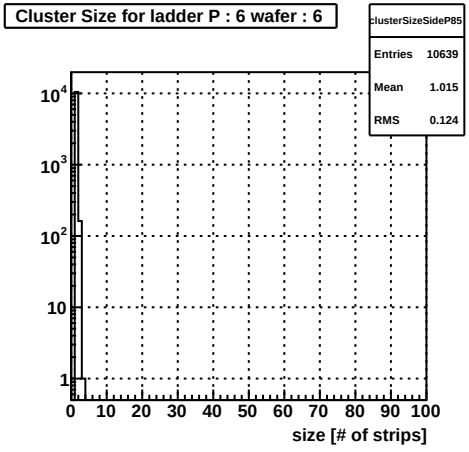

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 450
Mean 1.009
RMS 0.09386
size [# of strips]

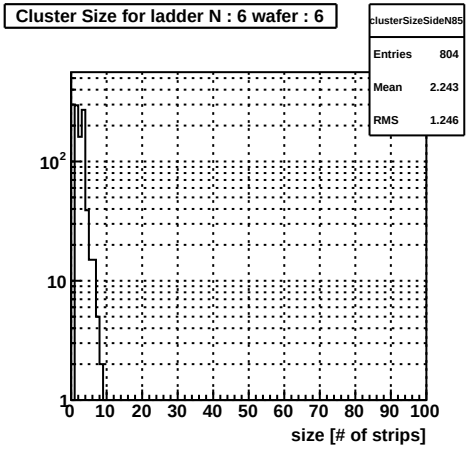

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1828
Mean 1.034
RMS 0.2103
size [# of strips]

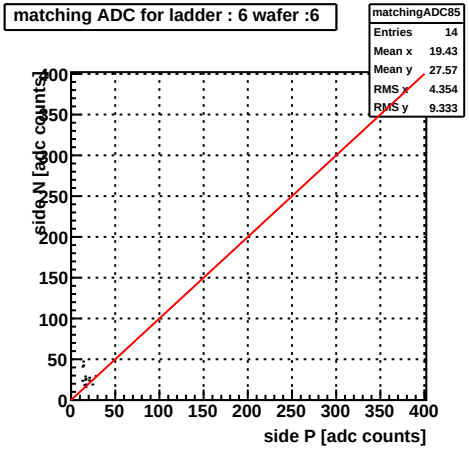

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2
Mean x 18
Mean y 15
RMS x 1
RMS y 0
side N [adc counts]
side P [adc counts]

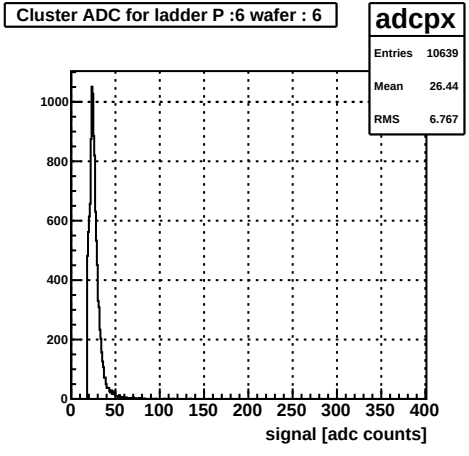

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 450
Mean 25.88
RMS 4.514
signal [adc counts]

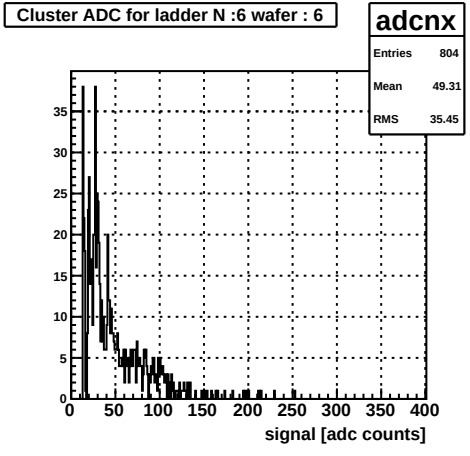

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1828
Mean 15.39
RMS 3.609
signal [adc counts]

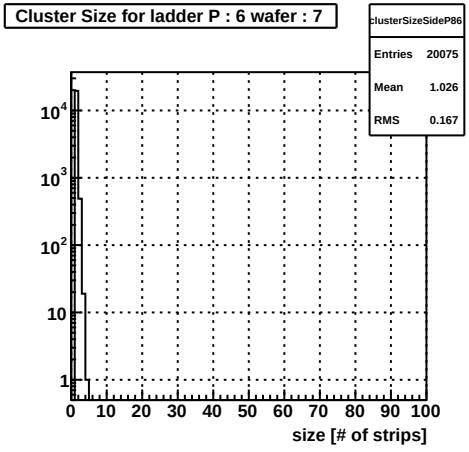

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10639
Mean 1.015
RMS 0.124
size [# of strips]

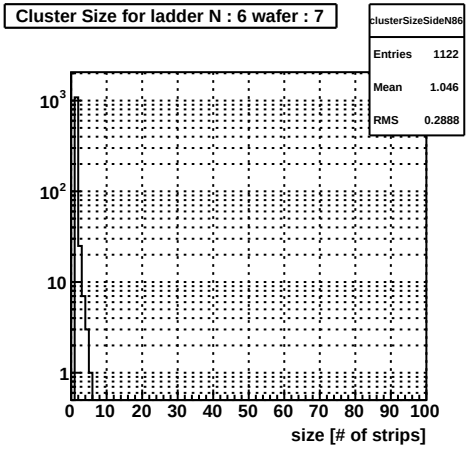

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 804
Mean 2.243
RMS 1.246
size [# of strips]

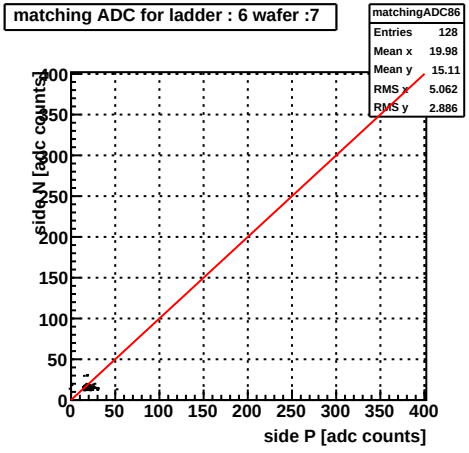

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 14
Mean x 19.43
Mean y 27.57
RMS x 4.354
RMS y 9.333
side N [adc counts]
side P [adc counts]

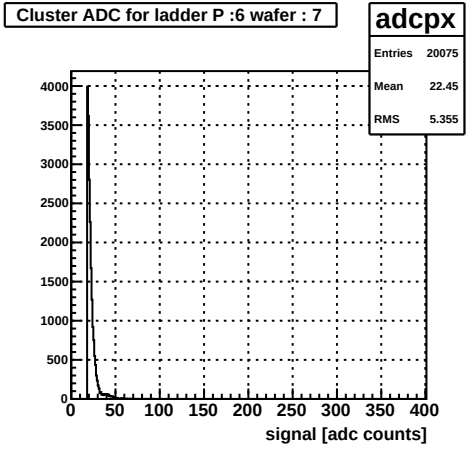

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10639
Mean 26.44
RMS 6.767
signal [adc counts]

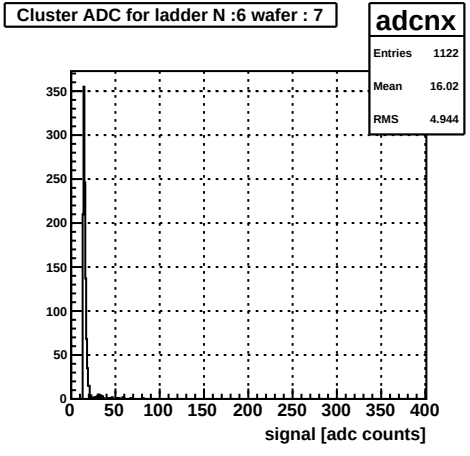

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 804
Mean 49.31
RMS 35.45
signal [adc counts]

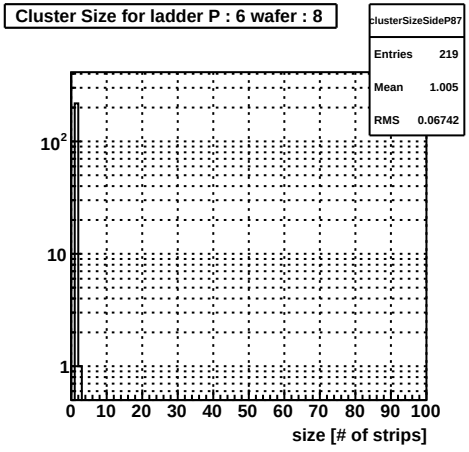

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 20075
Mean 1.026
RMS 0.167
size [# of strips]

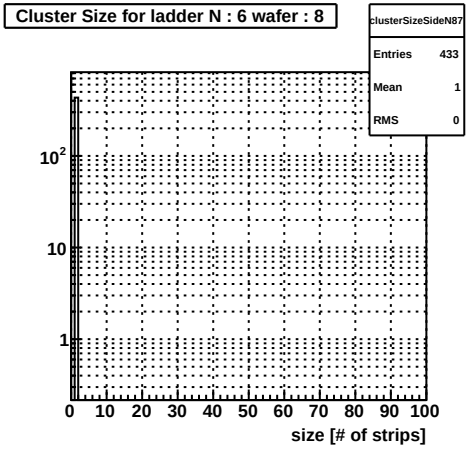

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1122
Mean 1.046
RMS 0.2888
size [# of strips]

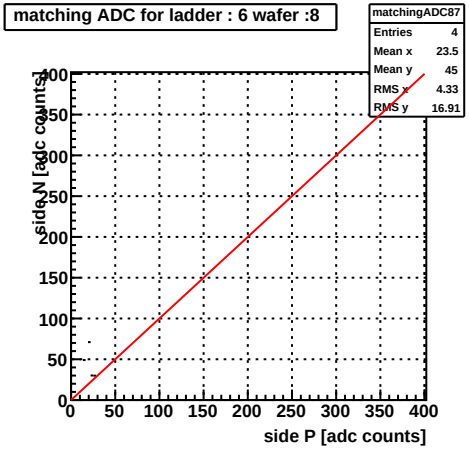

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 128
Mean x 19.98
Mean y 15.11
RMS x 5.062
RMS y 2.886
side N [adc counts]
side P [adc counts]

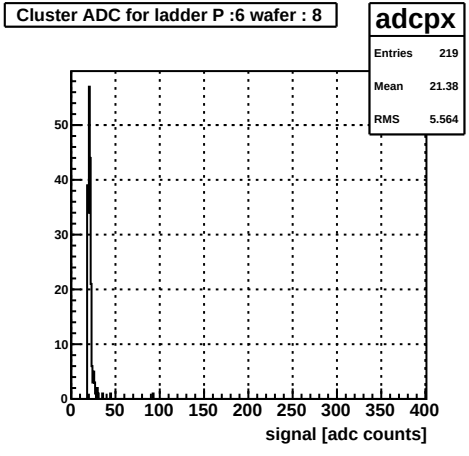

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 20075
Mean 22.45
RMS 5.355
signal [adc counts]

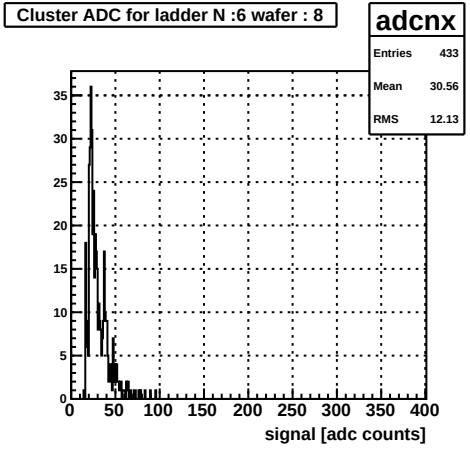

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1122
Mean 16.02
RMS 4.944
signal [adc counts]

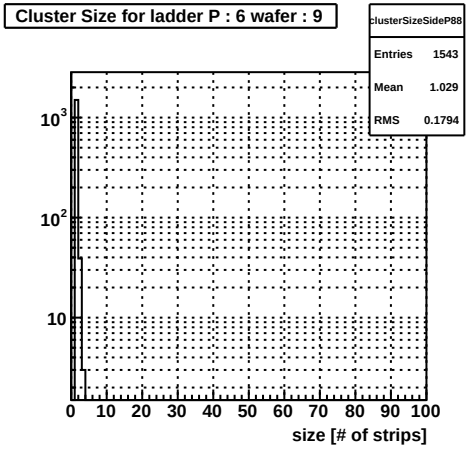

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 219
Mean 1.005
RMS 0.06742
size [# of strips]

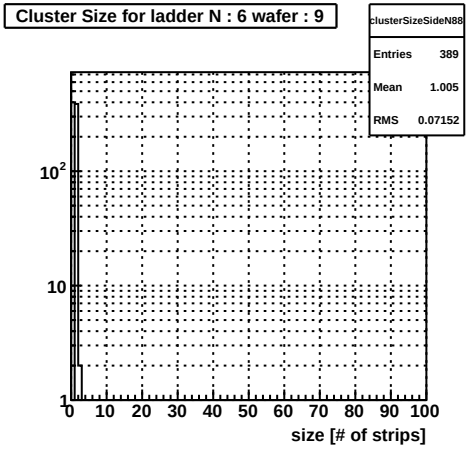

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 433
Mean 1
RMS 0
size [# of strips]

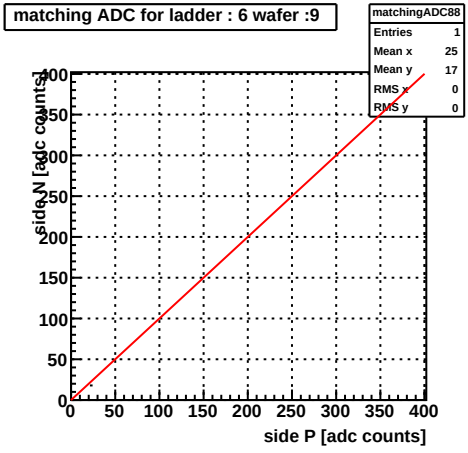

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 4
Mean x 23.5
Mean y 45
RMS x 4.33
RMS y 16.91
side N [adc counts]
side P [adc counts]

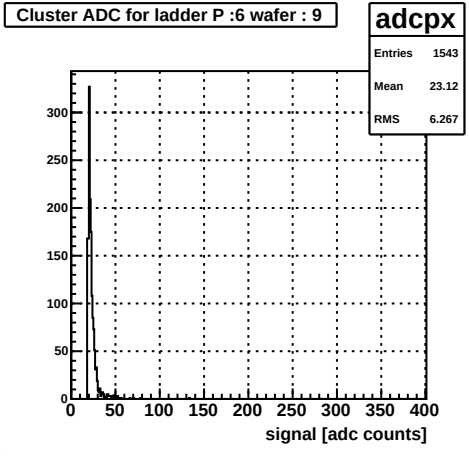

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 219
Mean 21.38
RMS 5.564
signal [adc counts]

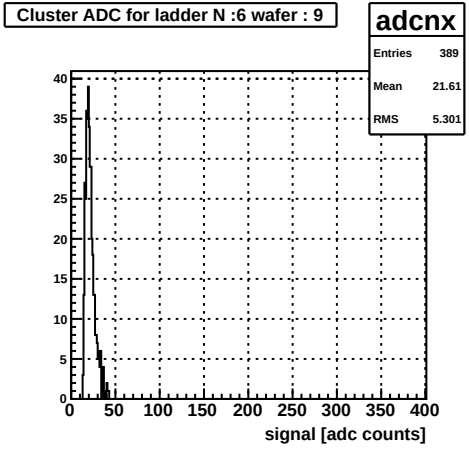

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 433
Mean 30.56
RMS 12.13
signal [adc counts]

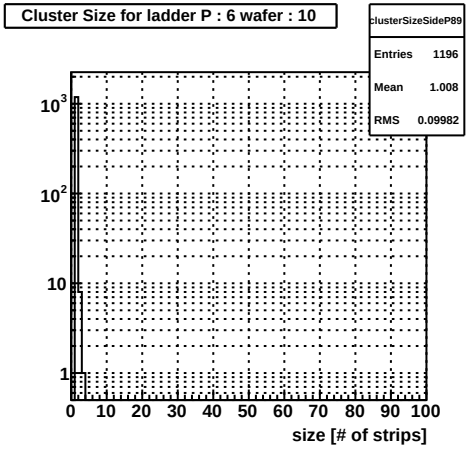

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 1543
Mean 1.029
RMS 0.1794
size [# of strips]

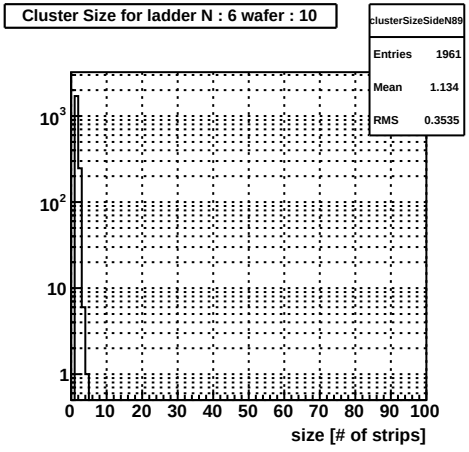

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 389
Mean 1.005
RMS 0.07152
size [# of strips]

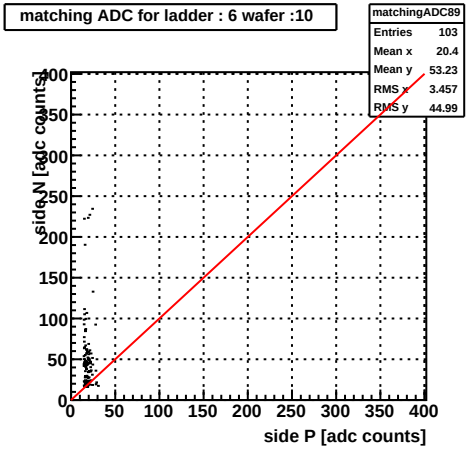

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

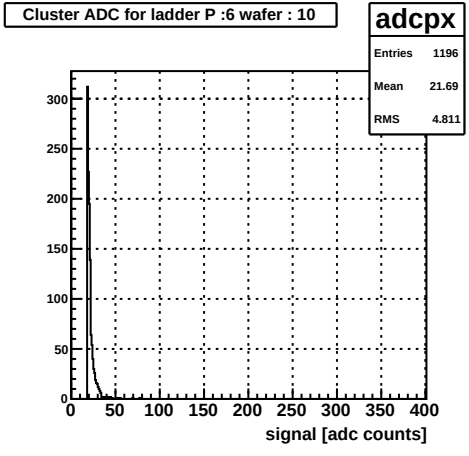

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 1543
Mean 23.12
RMS 6.267
signal [adc counts]

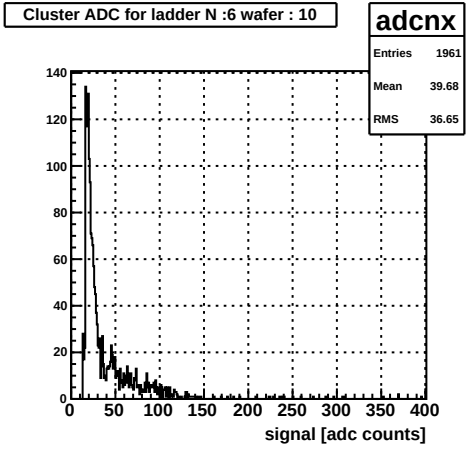

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 389
Mean 21.61
RMS 5.301
signal [adc counts]

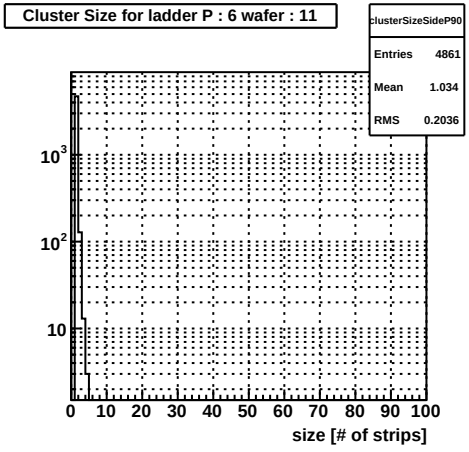

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1196
Mean 1.008
RMS 0.09982
size [# of strips]

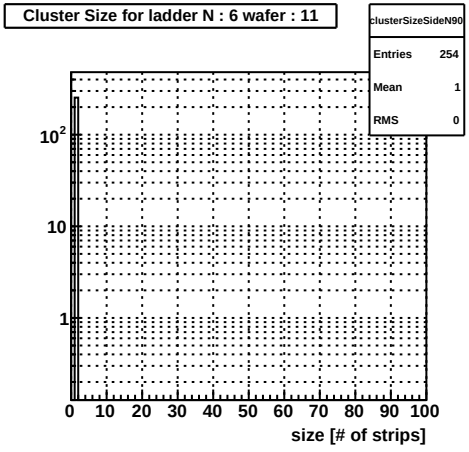

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 1961
Mean 1.134
RMS 0.3535
size [# of strips]

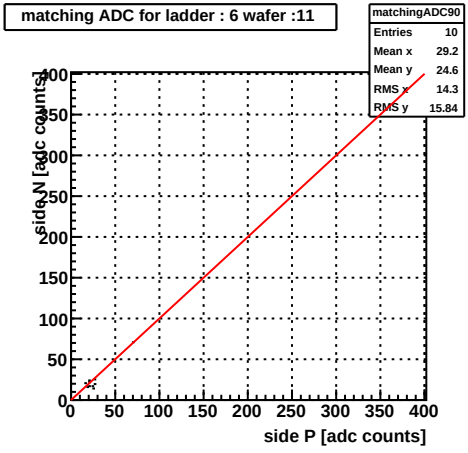

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 103
Mean x 20.4
Mean y 53.23
RMS x 3.457
RMS y 44.99
side N [adc counts]
side P [adc counts]

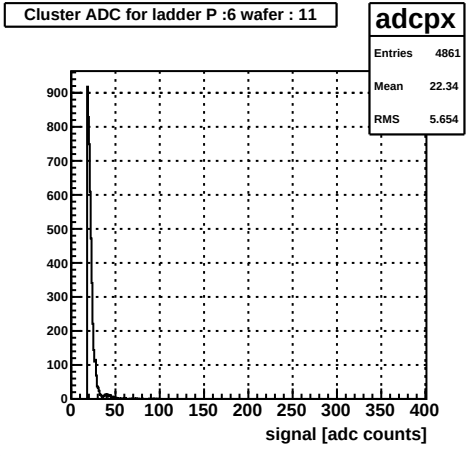

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1196
Mean 21.69
RMS 4.811
signal [adc counts]

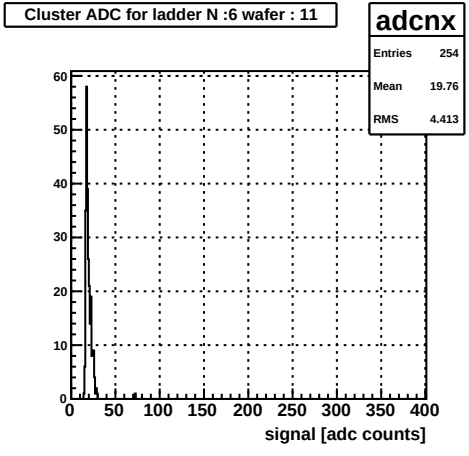

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 1961
Mean 39.68
RMS 36.65
signal [adc counts]

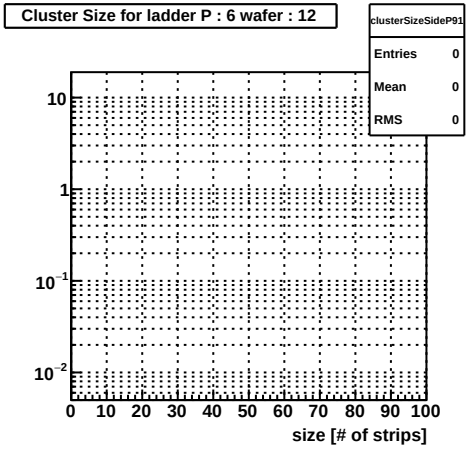

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4861
Mean 1.034
RMS 0.2036
size [# of strips]

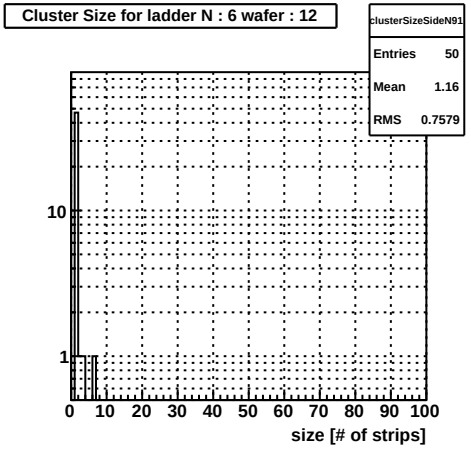

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 254
Mean 1
RMS 0
size [# of strips]

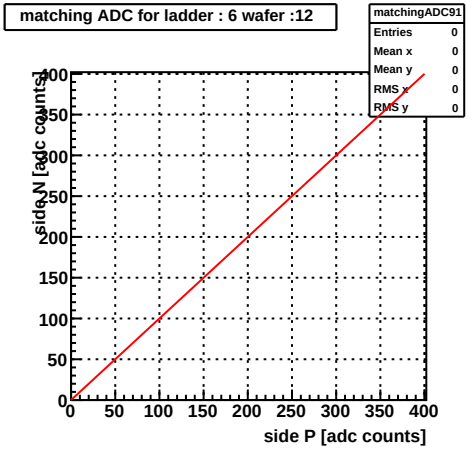

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 10
Mean x 29.2
Mean y 24.6
RMS x 14.3
RMS y 15.84
side N [adc counts]
side P [adc counts]

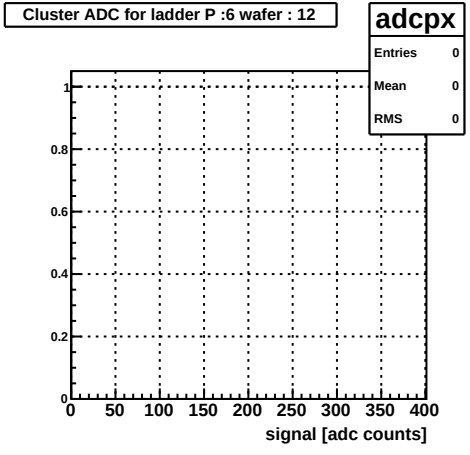

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4861
Mean 22.34
RMS 5.654
signal [adc counts]

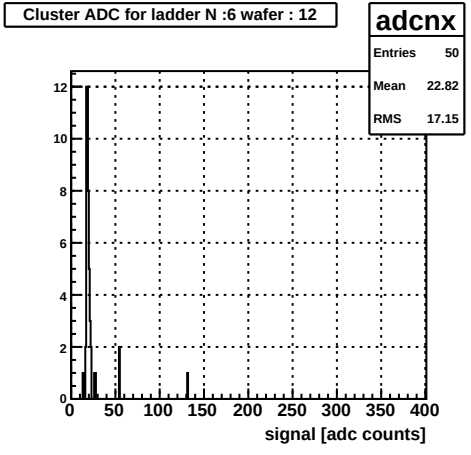

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 254
Mean 19.76
RMS 4.413
signal [adc counts]

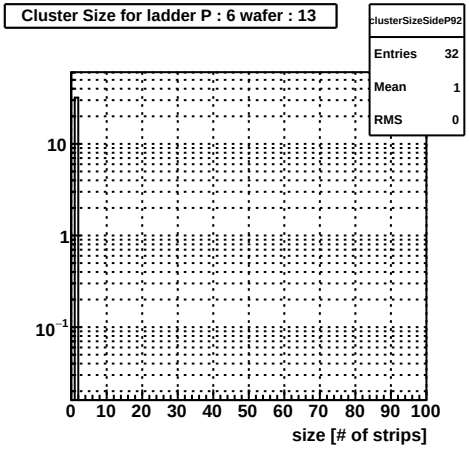

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

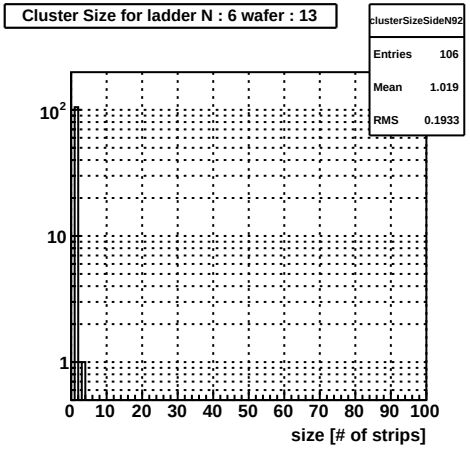

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 50
Mean 1.16
RMS 0.7579
size [# of strips]

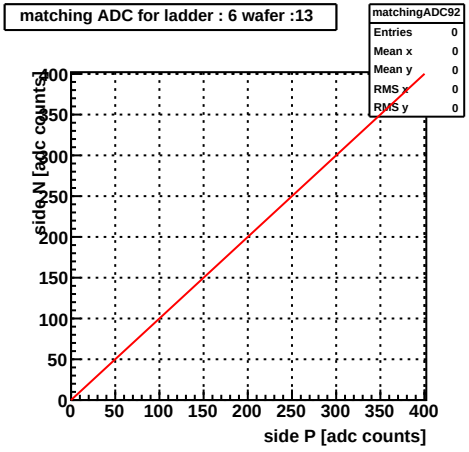

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

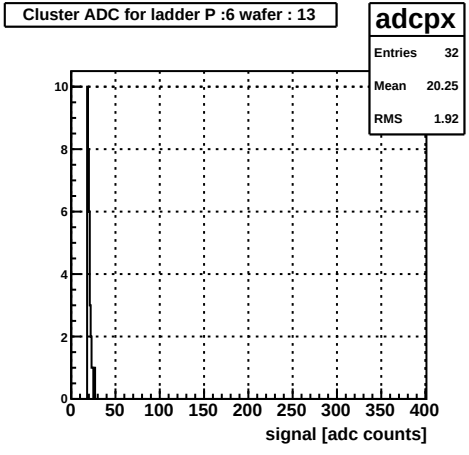

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

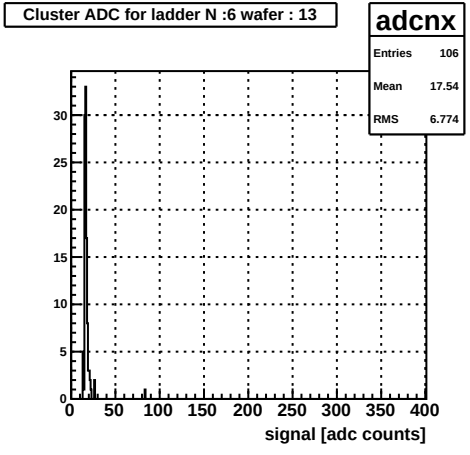

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 50
Mean 22.82
RMS 17.15
signal [adc counts]

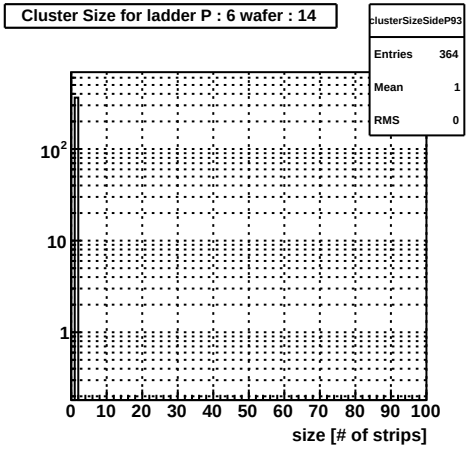

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 32
Mean 1
RMS 0
size [# of strips]

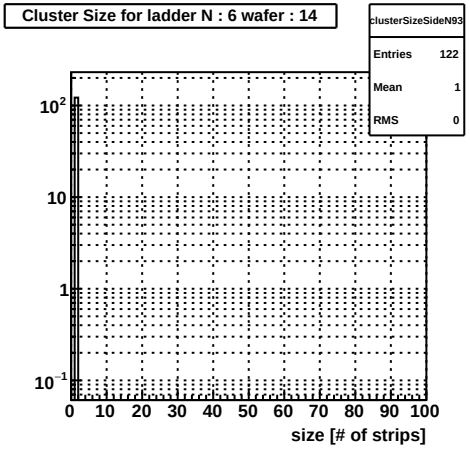

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 106
Mean 1.019
RMS 0.1933
size [# of strips]

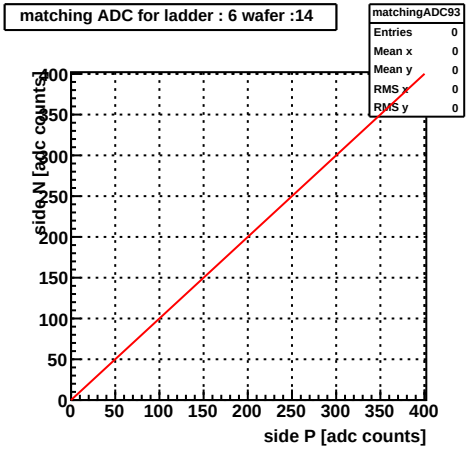

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

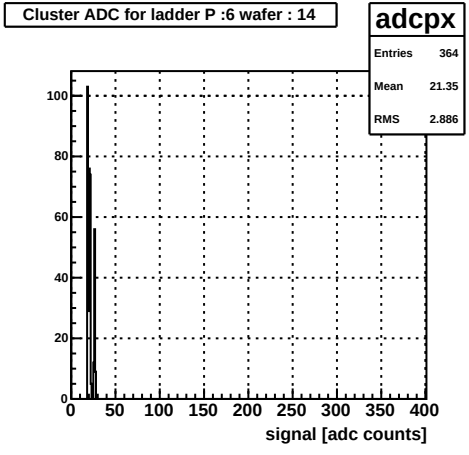

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 32
Mean 20.25
RMS 1.92
signal [adc counts]

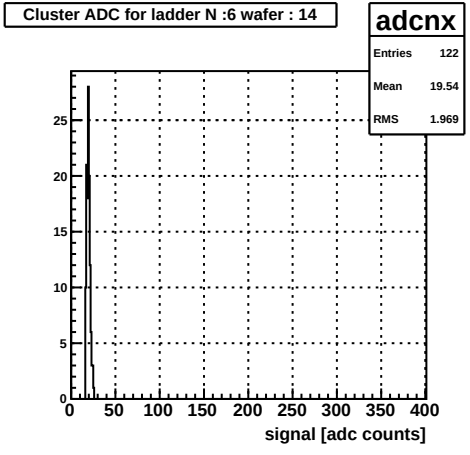

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 106
Mean 17.54
RMS 6.774
signal [adc counts]

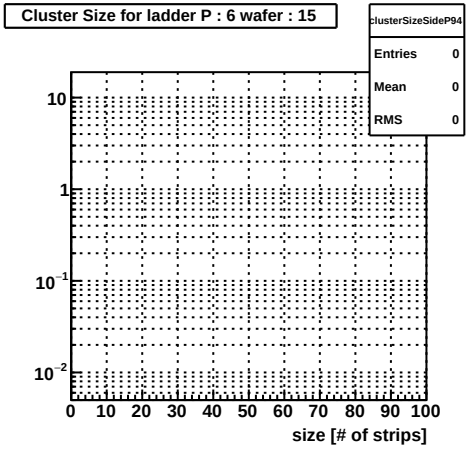

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 364
Mean 1
RMS 0
size [# of strips]

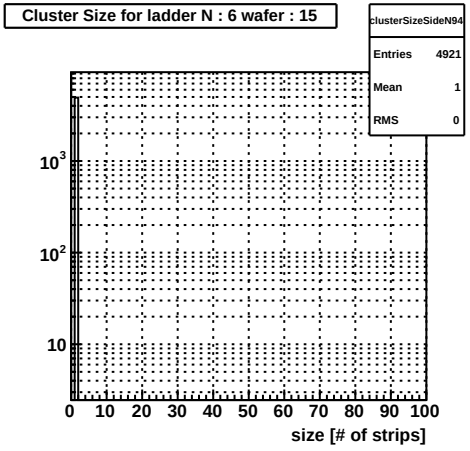

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 122
Mean 1
RMS 0
size [# of strips]

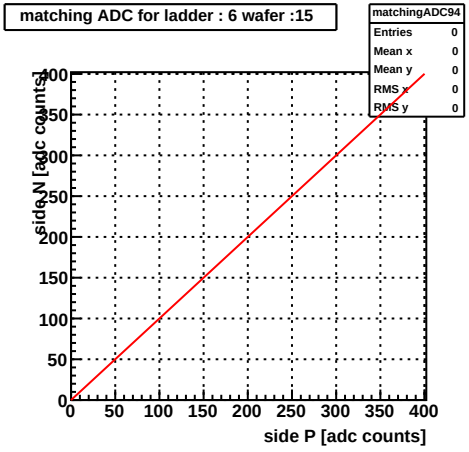

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

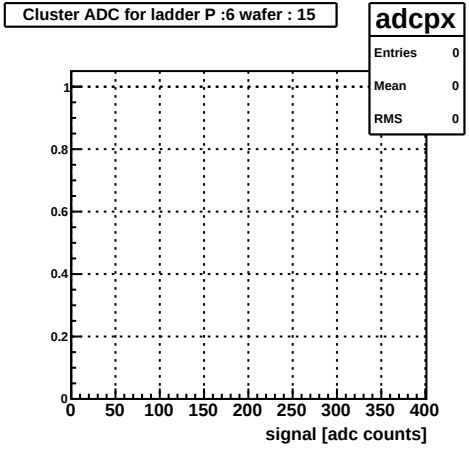

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 364
Mean 21.35
RMS 2.886
signal [adc counts]

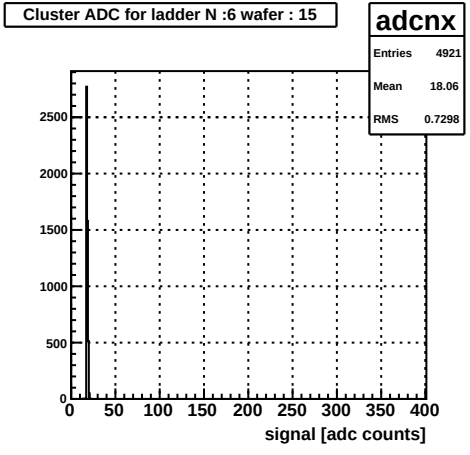

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 122
Mean 19.54
RMS 1.969
signal [adc counts]

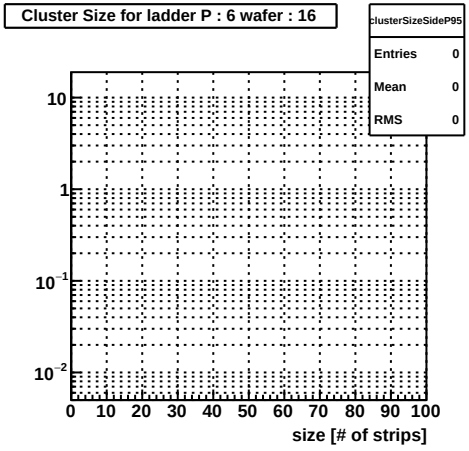

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

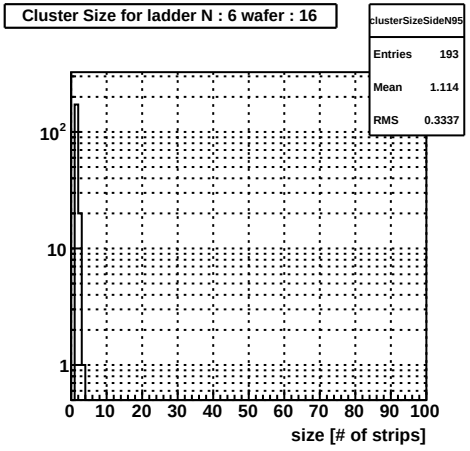

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4921
Mean 1
RMS 0
size [# of strips]

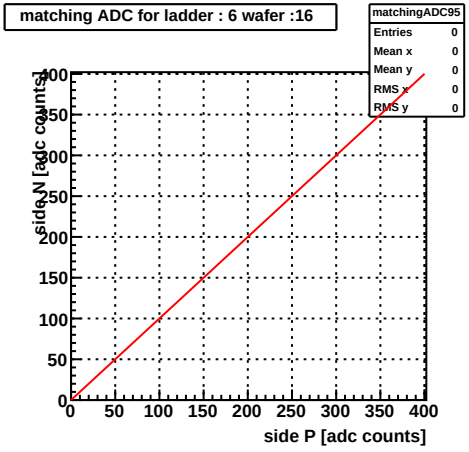

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

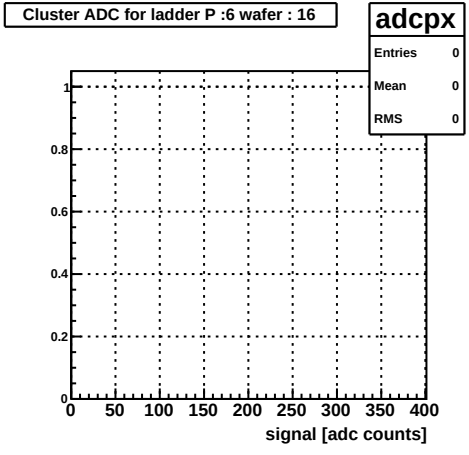

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

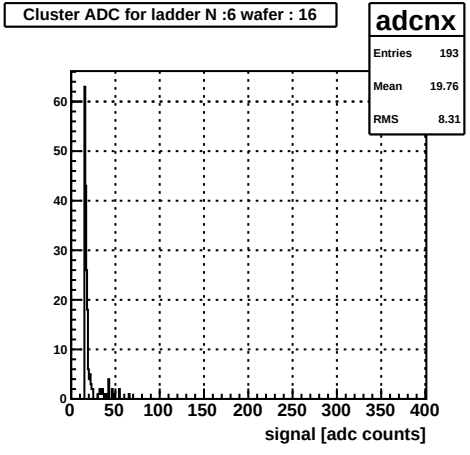

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4921
Mean 18.06
RMS 0.7298
signal [adc counts]

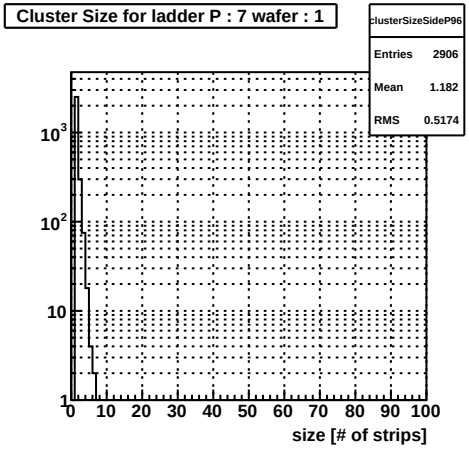

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

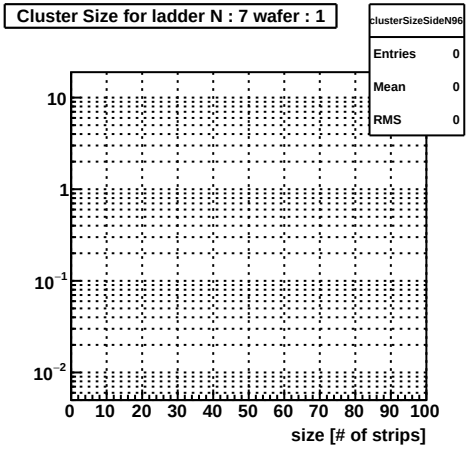

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 193
Mean 1.114
RMS 0.3337
size [# of strips]

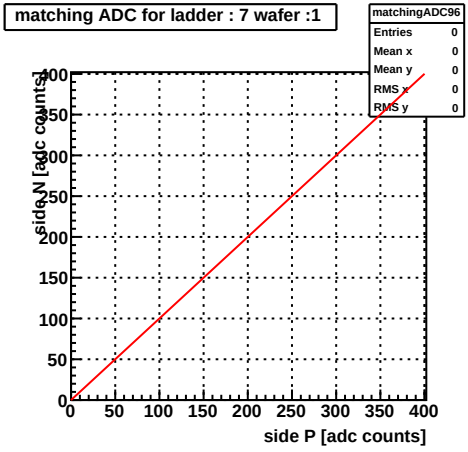

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

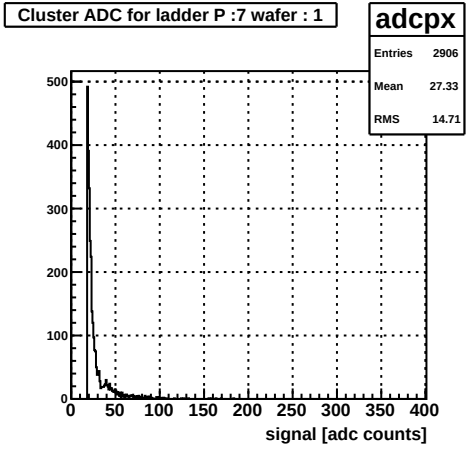

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

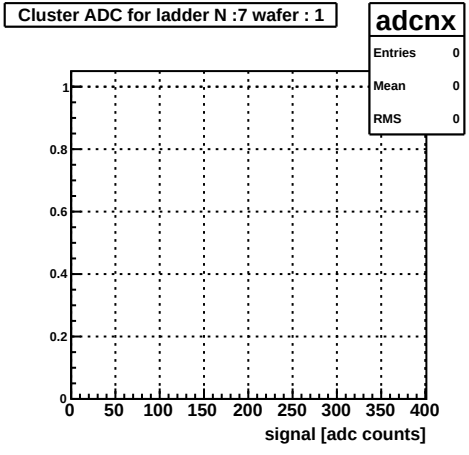

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 193
Mean 19.76
RMS 8.31
signal [adc counts]

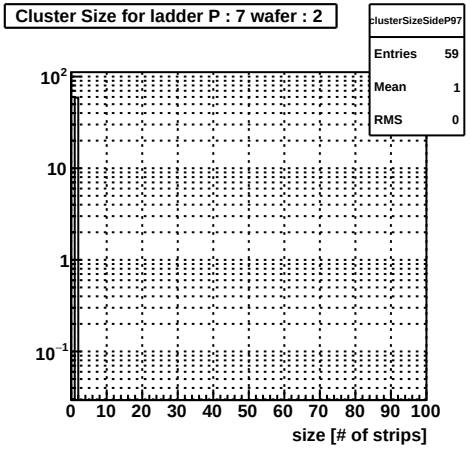

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2906
Mean 1.182
RMS 0.5174
size [# of strips]

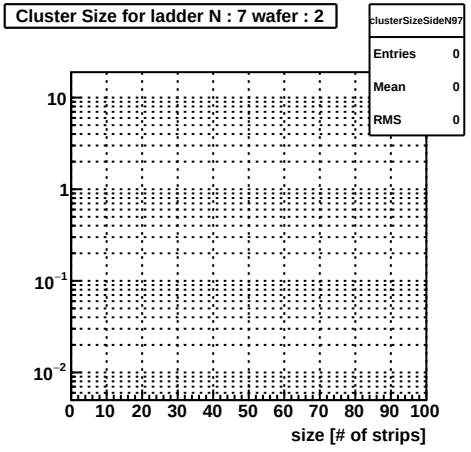

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

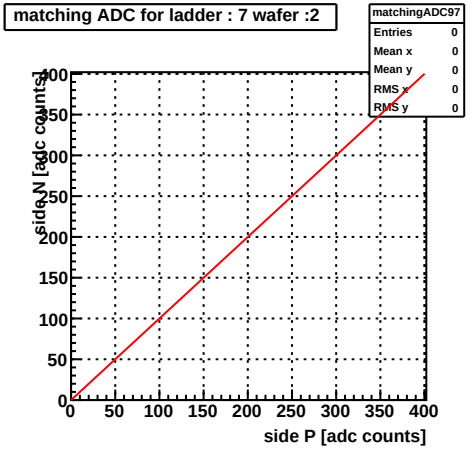

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

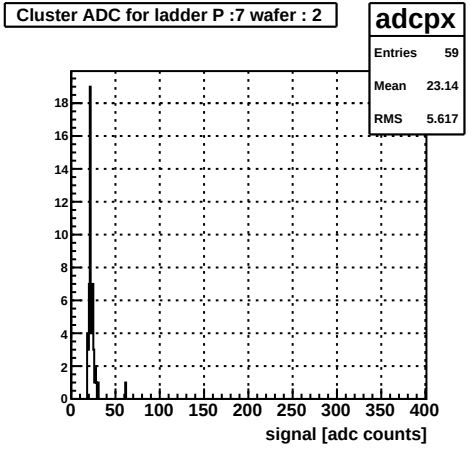

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2906
Mean 27.33
RMS 14.71
signal [adc counts]

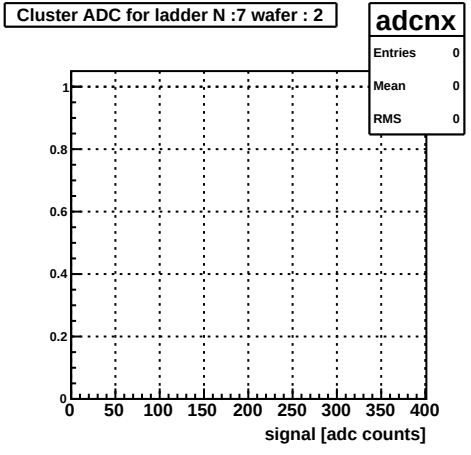

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

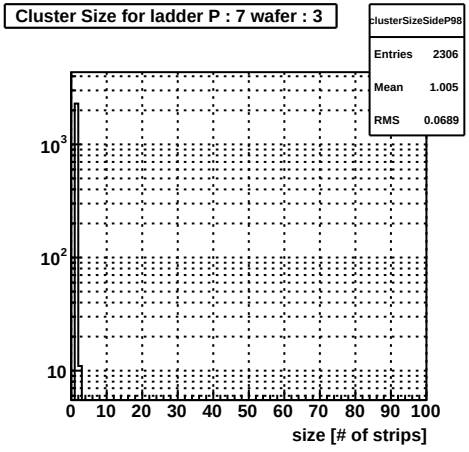

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 59
Mean 1
RMS 0
size [# of strips]

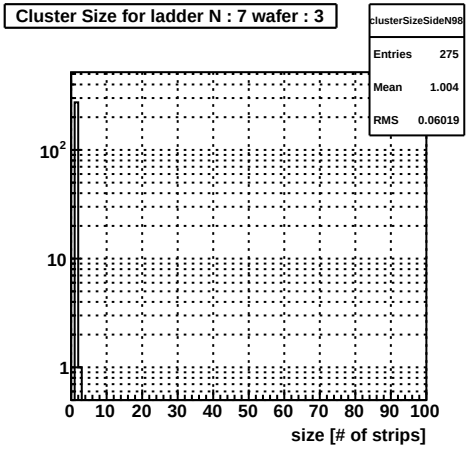

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

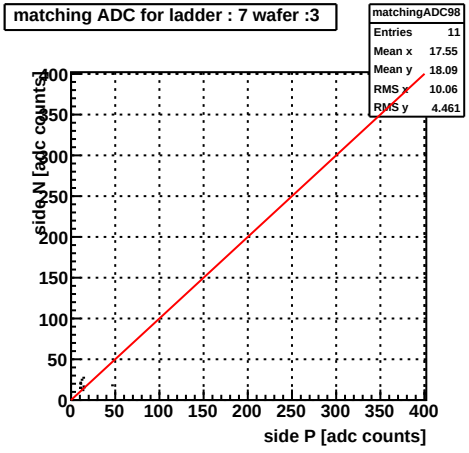

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

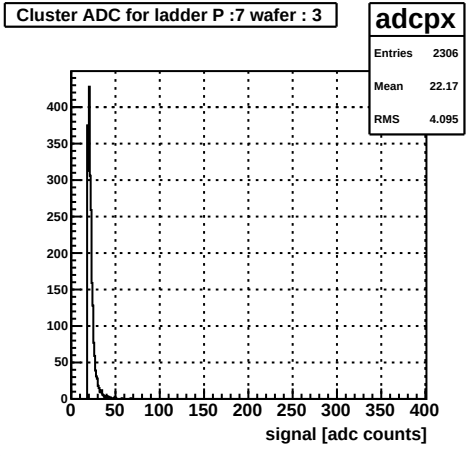

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 59
Mean 23.14
RMS 5.617
signal [adc counts]

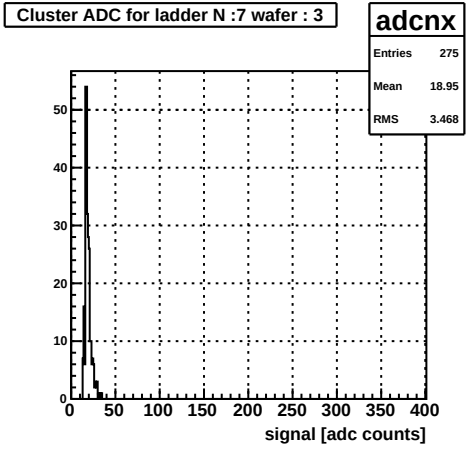

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

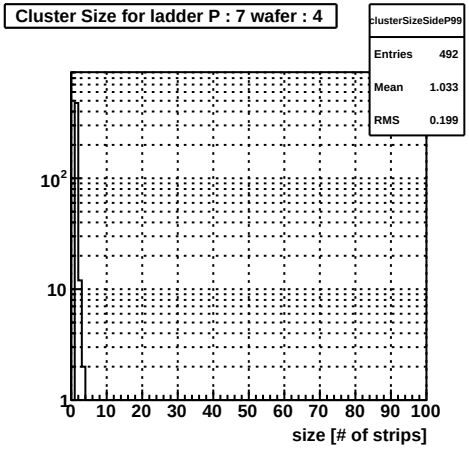

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2306
Mean 1.005
RMS 0.0689
size [# of strips]

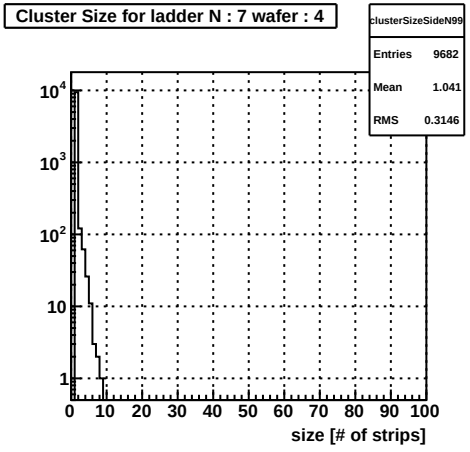

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 275
Mean 1.004
RMS 0.06019
size [# of strips]

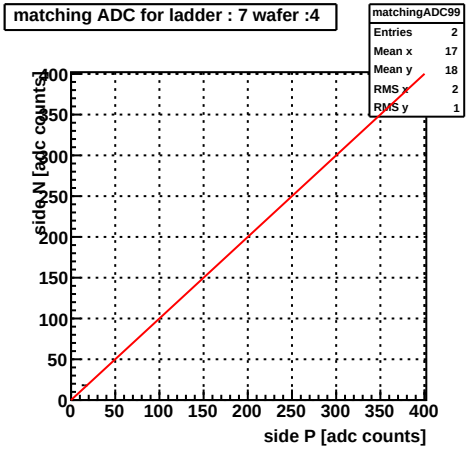

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 11
Mean x 17.55
Mean y 18.09
RMS x 10.06
RMS y 4.461
side N [adc counts]
side P [adc counts]

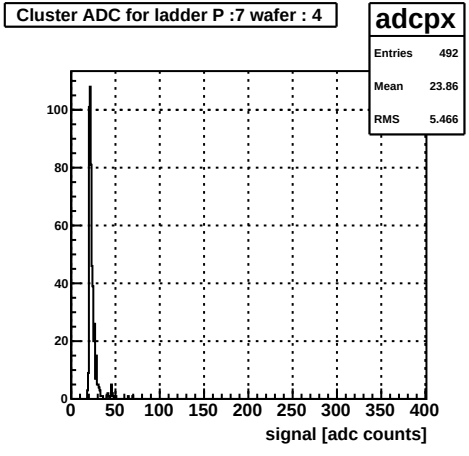

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2306
Mean 22.17
RMS 4.095
signal [adc counts]

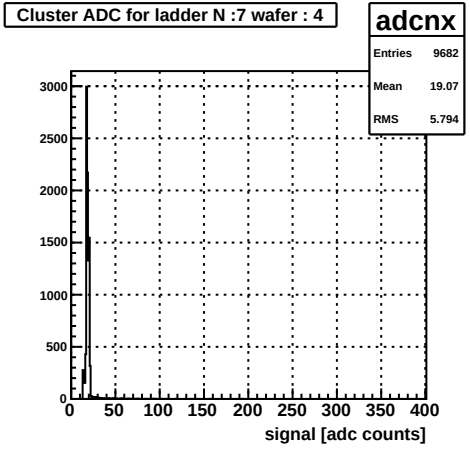

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 275
Mean 18.95
RMS 3.468
signal [adc counts]

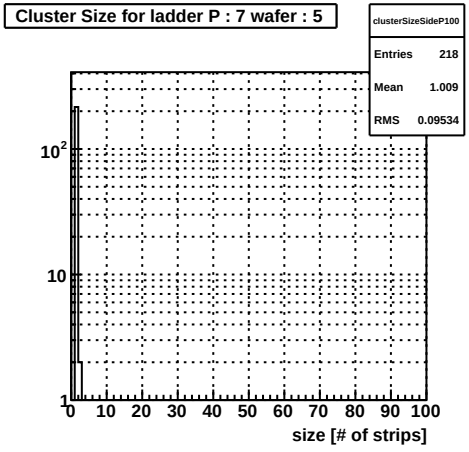

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 492
Mean 1.033
RMS 0.199
size [# of strips]

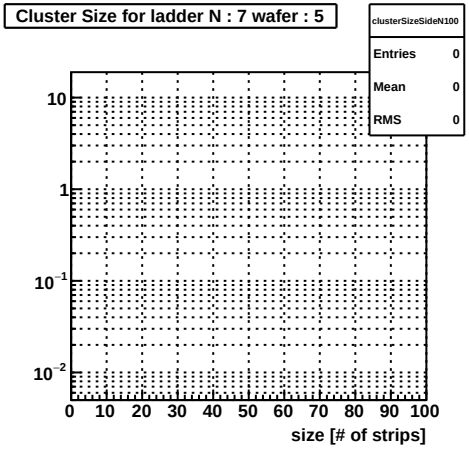

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9682
Mean 1.041
RMS 0.3146
size [# of strips]

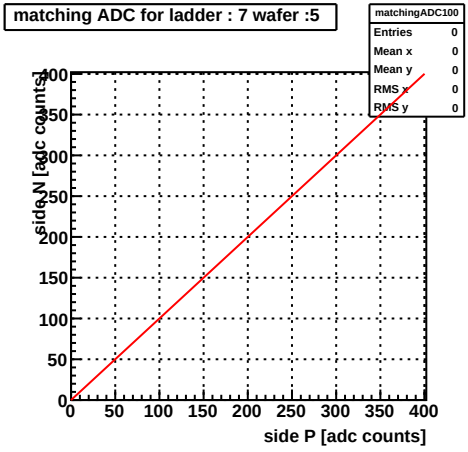

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2
Mean x 17
Mean y 18
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

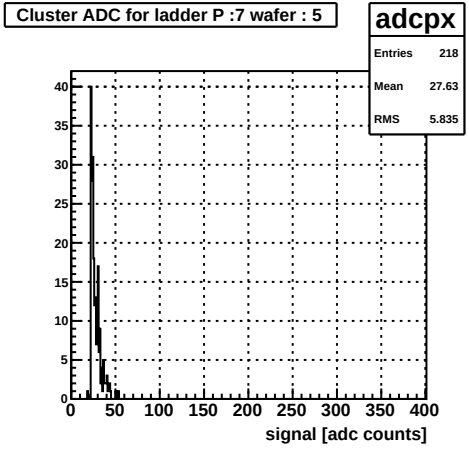

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 492
Mean 23.86
RMS 5.466
signal [adc counts]

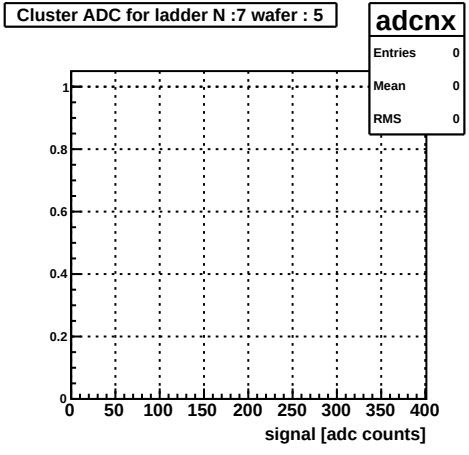

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9682
Mean 19.07
RMS 5.794
signal [adc counts]

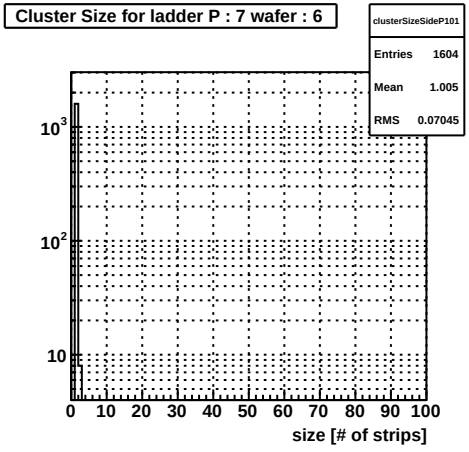

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 218
Mean 1.009
RMS 0.09534
size [# of strips]

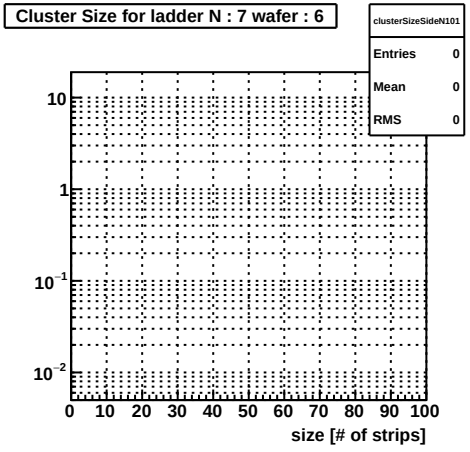

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

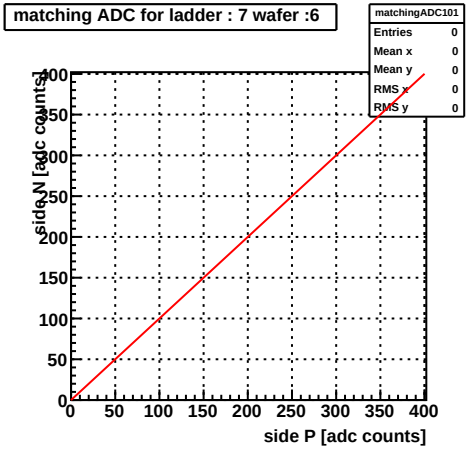

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

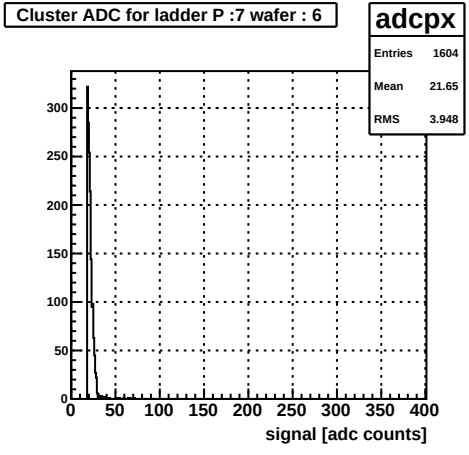

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 218
Mean 27.63
RMS 5.835
signal [adc counts]

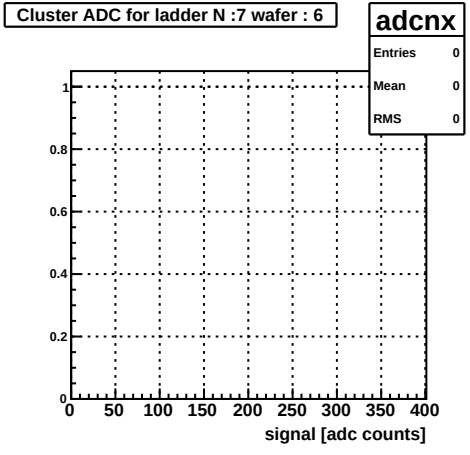

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

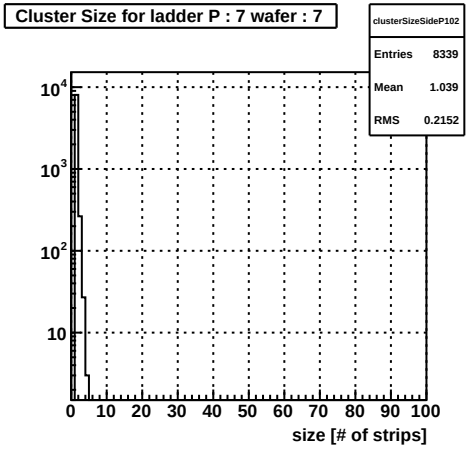

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1604
Mean 1.005
RMS 0.07045
size [# of strips]

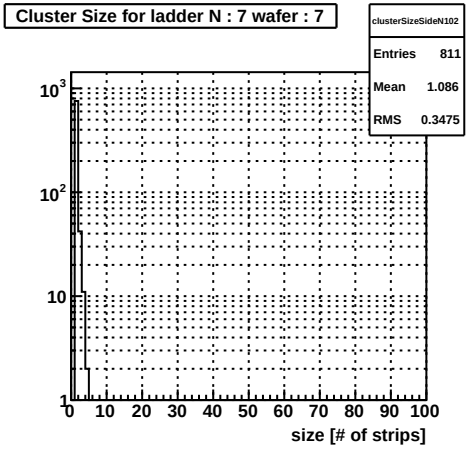

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

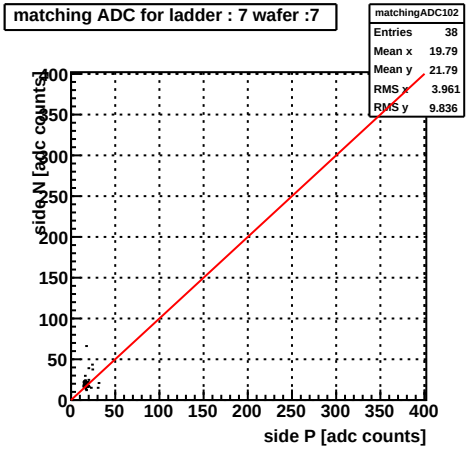

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

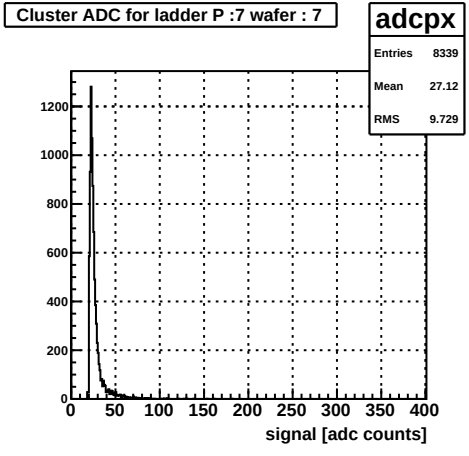

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1604
Mean 21.65
RMS 3.948
signal [adc counts]

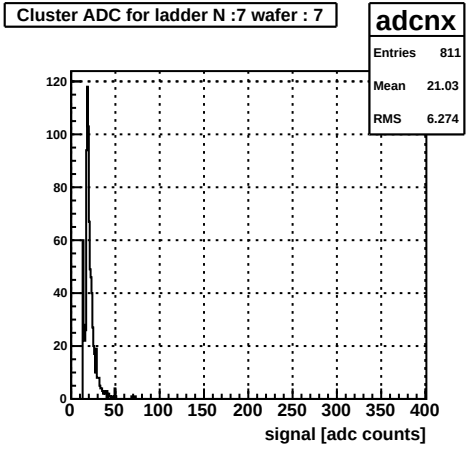

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

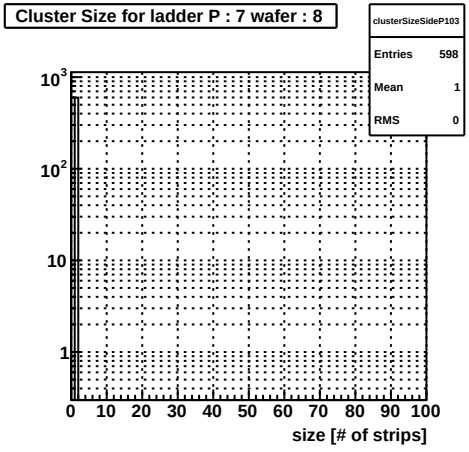

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 8339
Mean 1.039
RMS 0.2152
size [# of strips]

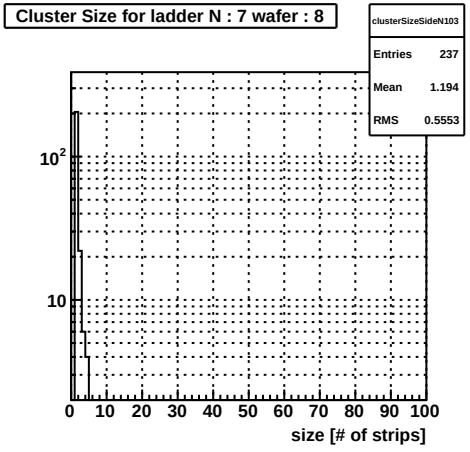

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 811
Mean 1.086
RMS 0.3475
size [# of strips]

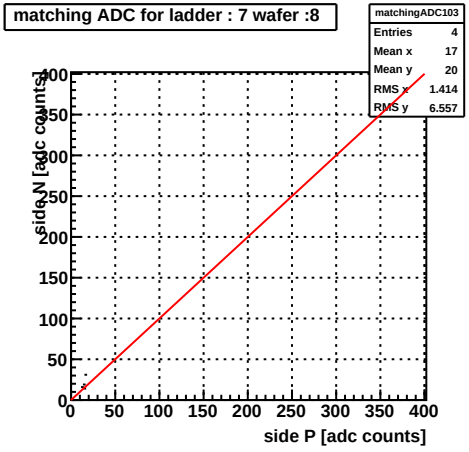

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 38
Mean x 19.79
Mean y 21.79
RMS x 3.961
RMS y 9.836
side N [adc counts]
side P [adc counts]

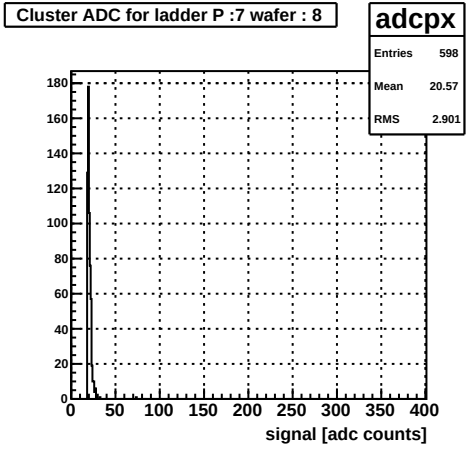

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 8339
Mean 27.12
RMS 9.729
signal [adc counts]

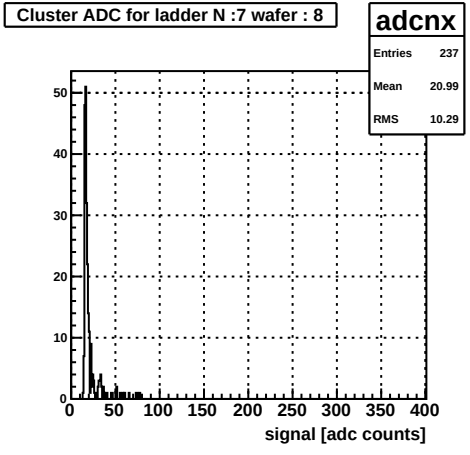

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 811
Mean 21.03
RMS 6.274
signal [adc counts]

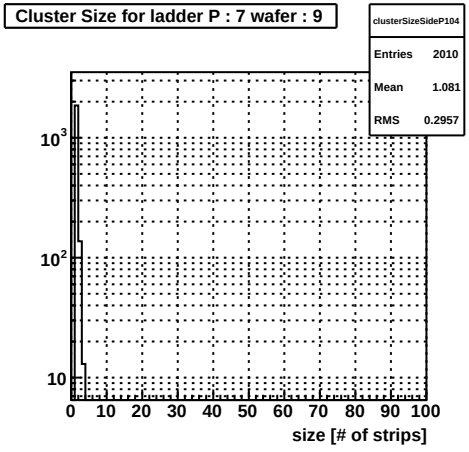

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 598
Mean 1
RMS 0
size [# of strips]

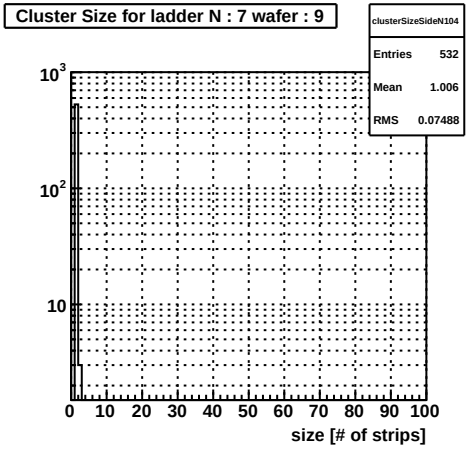

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 237
Mean 1.194
RMS 0.5553
size [# of strips]

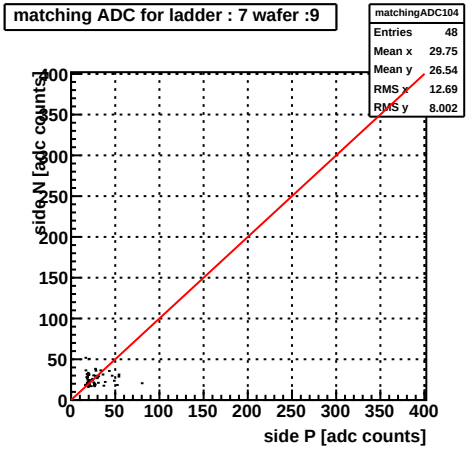

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 4
Mean x 17
Mean y 20
RMS x 1.414
RMS y 6.557
side N [adc counts]
side P [adc counts]

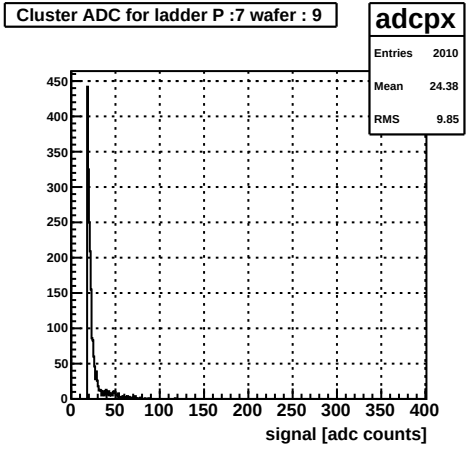

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 598
Mean 20.57
RMS 2.901
signal [adc counts]

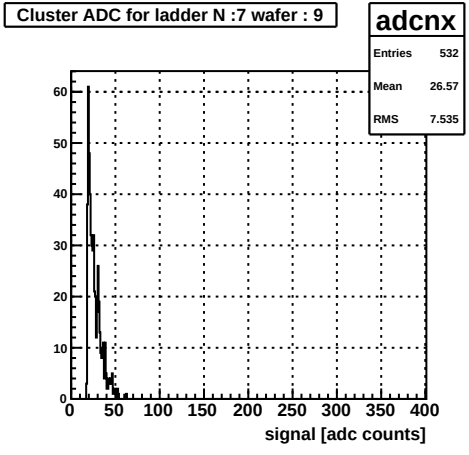

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 237
Mean 20.99
RMS 10.29
signal [adc counts]

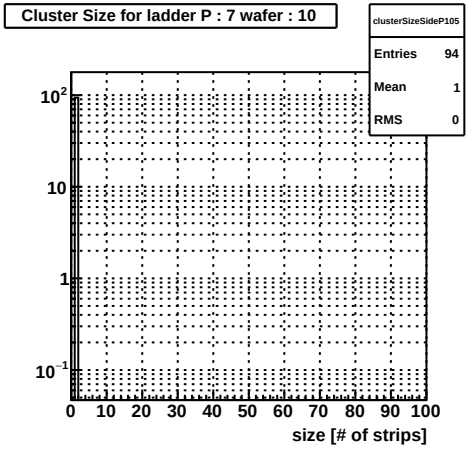

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2010
Mean 1.081
RMS 0.2957
size [# of strips]

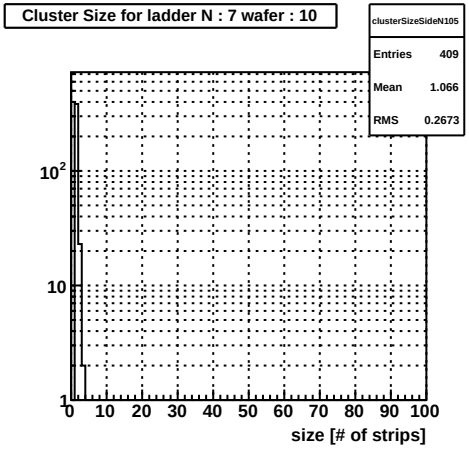

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 532
Mean 1.006
RMS 0.07488
size [# of strips]

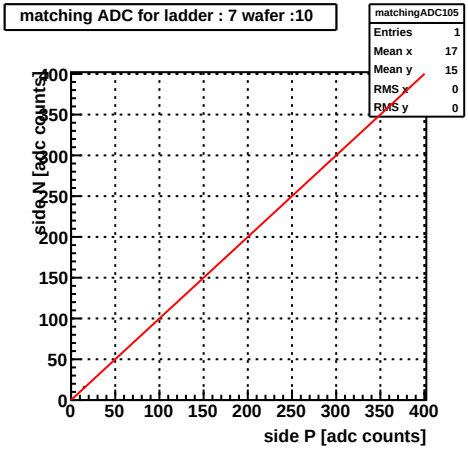

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 48
Mean x 29.75
Mean y 26.54
RMS x 12.69
RMS y 8.002
side N [adc counts]
side P [adc counts]

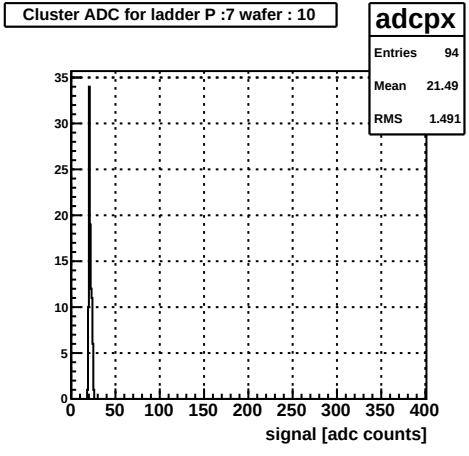

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2010
Mean 24.38
RMS 9.85
signal [adc counts]

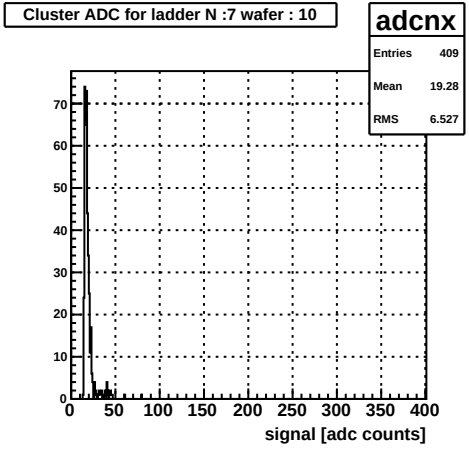

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 532
Mean 26.57
RMS 7.535
signal [adc counts]

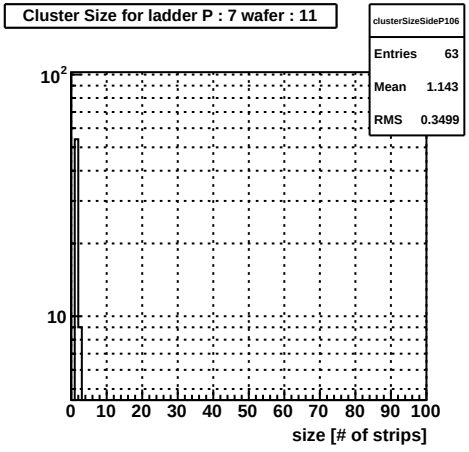

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 94
Mean 1
RMS 0
size [# of strips]

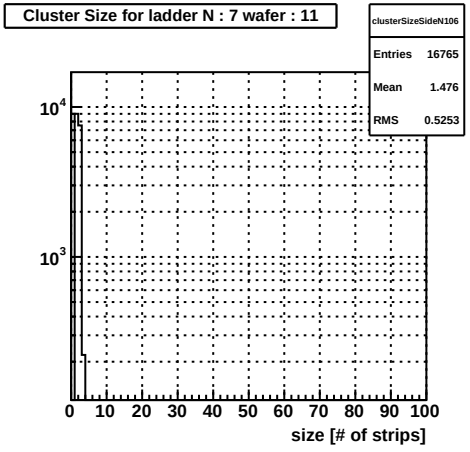

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 409
Mean 1.066
RMS 0.2673
size [# of strips]

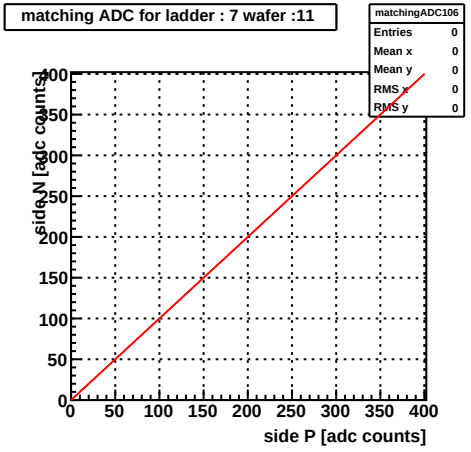

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

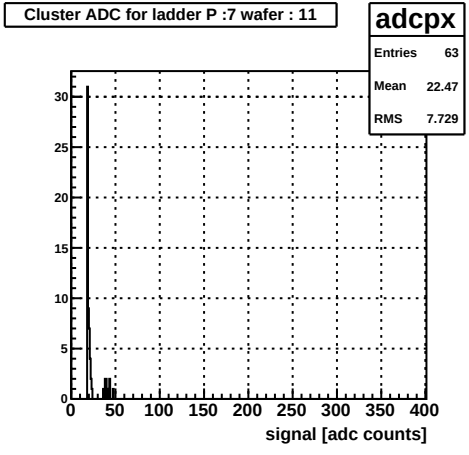

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 94
Mean 21.49
RMS 1.491
signal [adc counts]

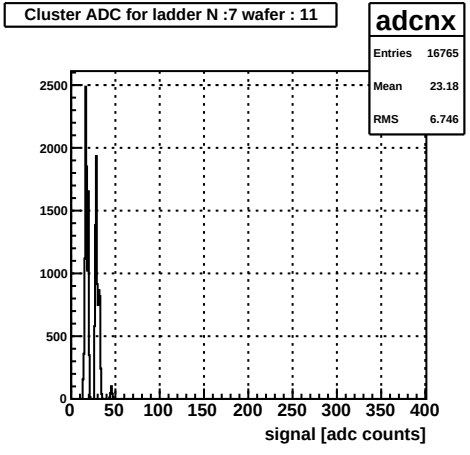

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 409
Mean 19.28
RMS 6.527
signal [adc counts]

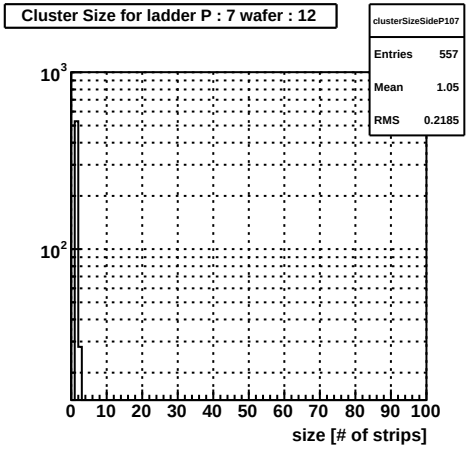

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 63
Mean 1.143
RMS 0.3499
size [# of strips]

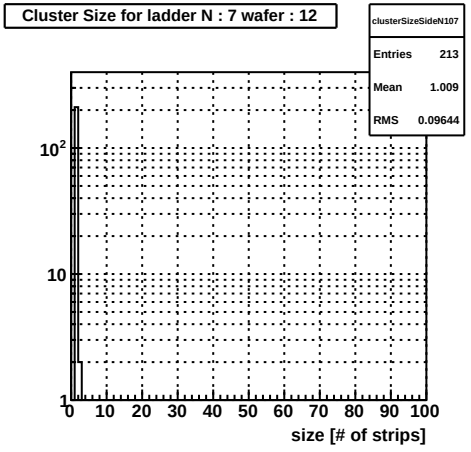

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 16765
Mean 1.476
RMS 0.5253
size [# of strips]

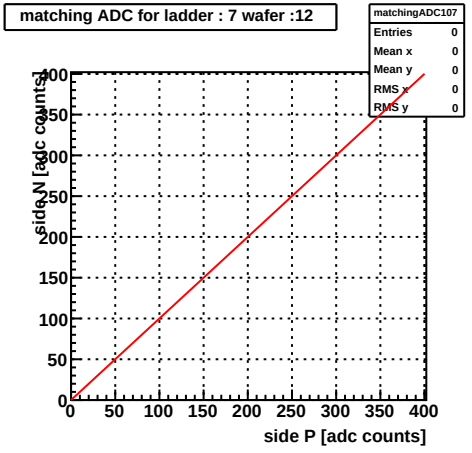

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

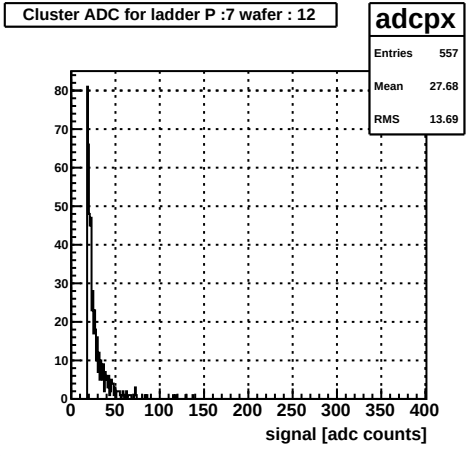

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 63
Mean 22.47
RMS 7.729
signal [adc counts]

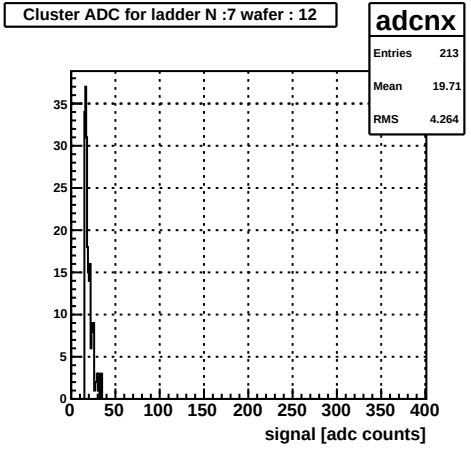

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 16765
Mean 23.18
RMS 6.746
signal [adc counts]

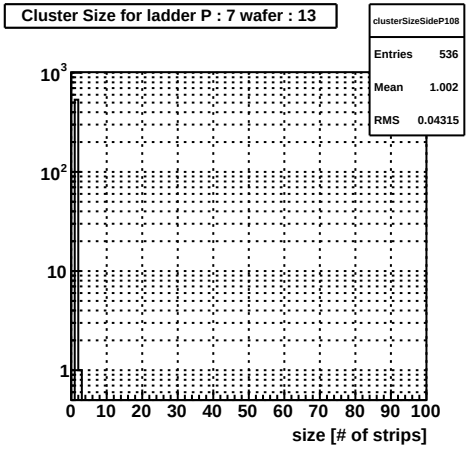

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 557
Mean 1.05
RMS 0.2185
size [# of strips]

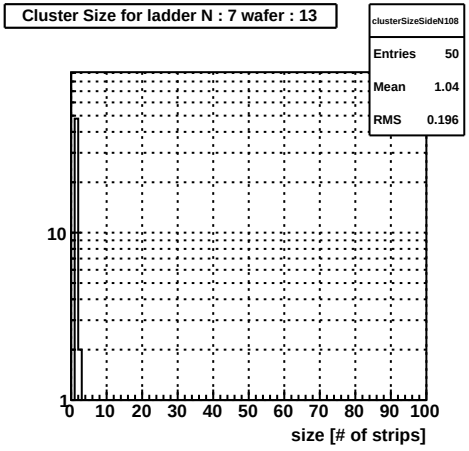

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 213
Mean 1.009
RMS 0.09644
size [# of strips]

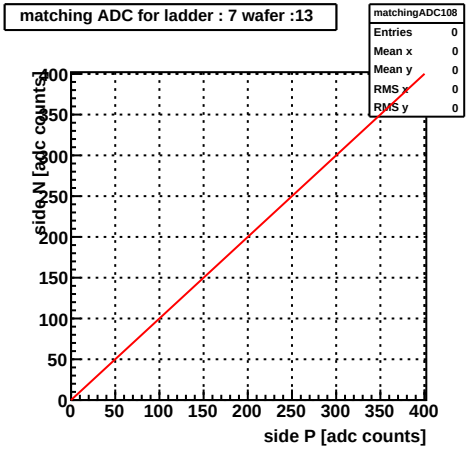

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

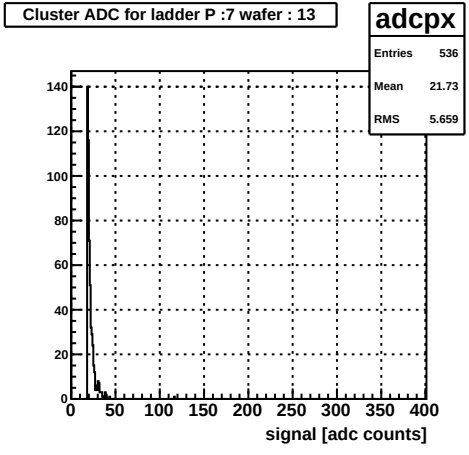

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 557
Mean 27.68
RMS 13.69
signal [adc counts]

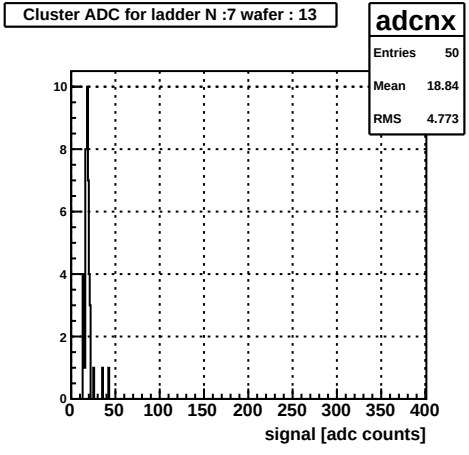

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 213
Mean 19.71
RMS 4.264
signal [adc counts]

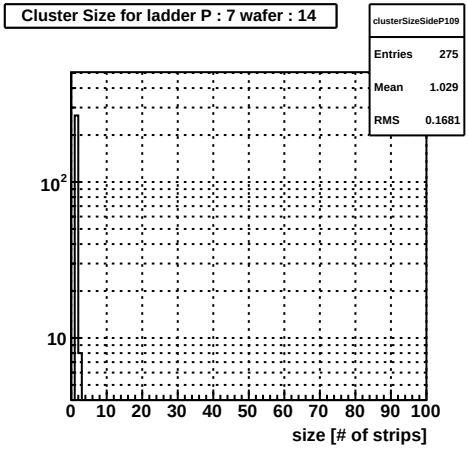

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 536
Mean 1.002
RMS 0.04315
size [# of strips]

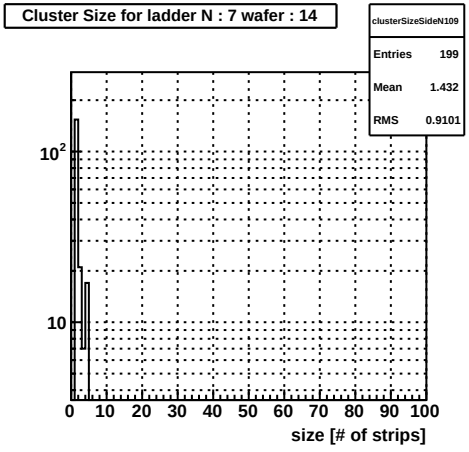

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 50
Mean 1.04
RMS 0.196
size [# of strips]

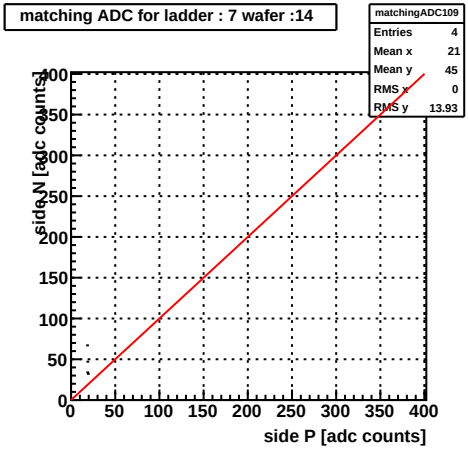

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

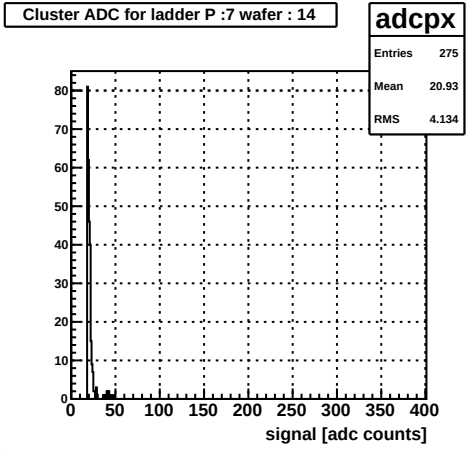

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 536
Mean 21.73
RMS 5.659
signal [adc counts]

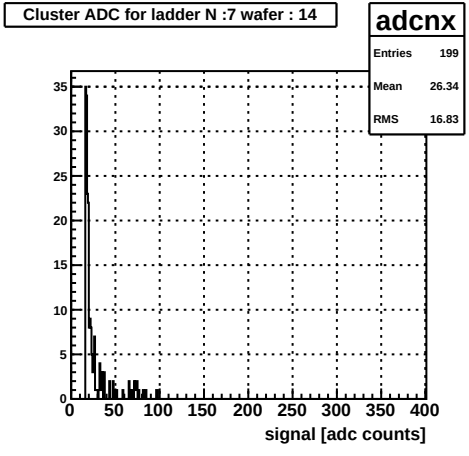

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 50
Mean 18.84
RMS 4.773
signal [adc counts]

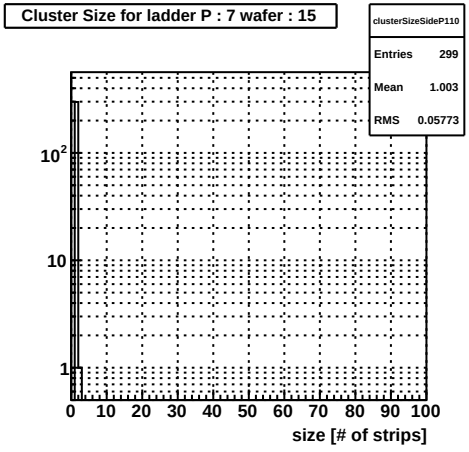

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 275
Mean 1.029
RMS 0.1681
size [# of strips]

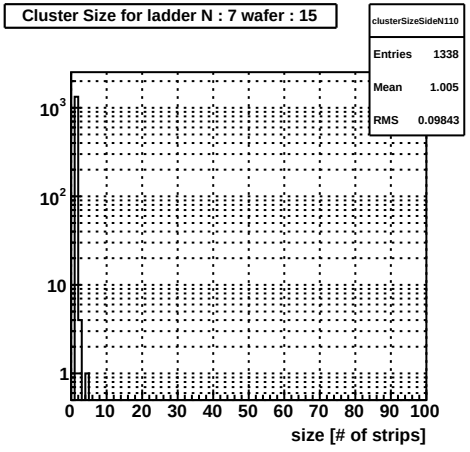

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 199
Mean 1.432
RMS 0.9101
size [# of strips]

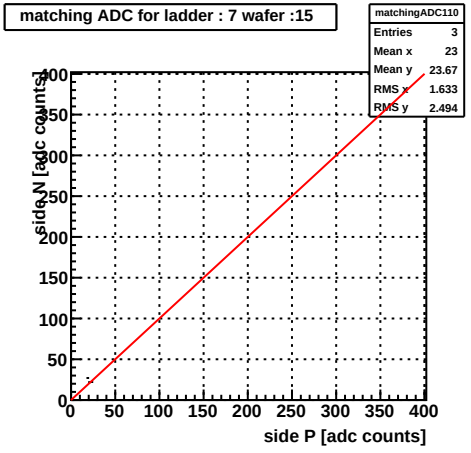

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 4
Mean x 21
Mean y 45
RMS x 0
RMS y 13.93
side N [adc counts]
side P [adc counts]

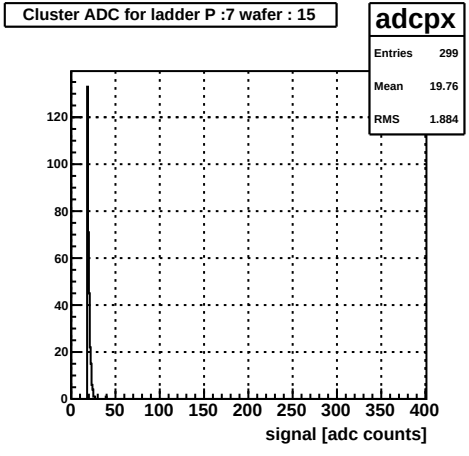

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 275
Mean 20.93
RMS 4.134
signal [adc counts]

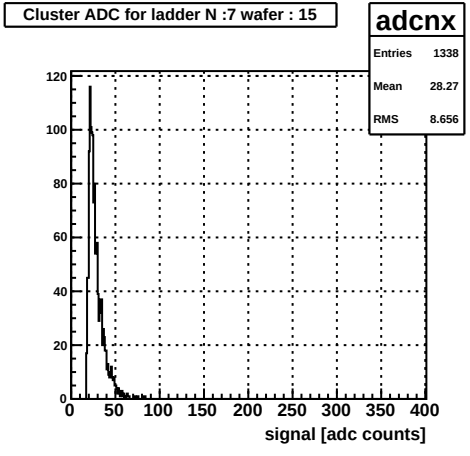

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 199
Mean 26.34
RMS 16.83
signal [adc counts]

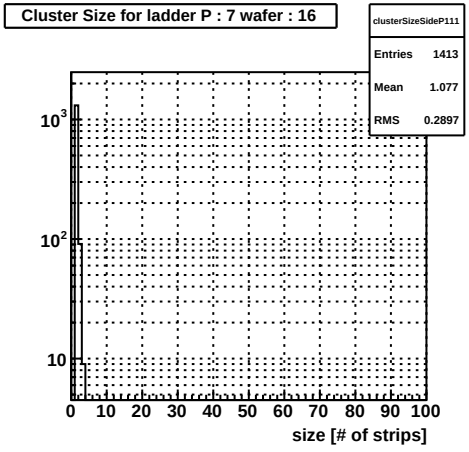

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 299
Mean 1.003
RMS 0.05773
size [# of strips]

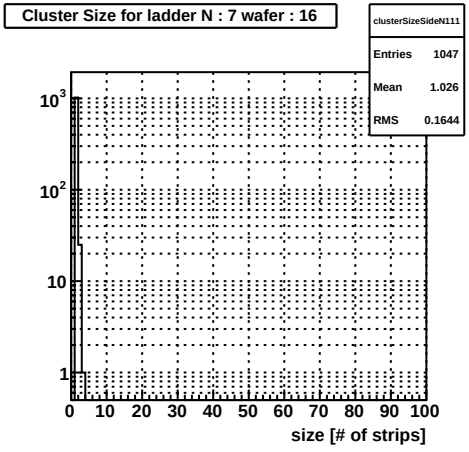

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1338
Mean 1.005
RMS 0.09843
size [# of strips]

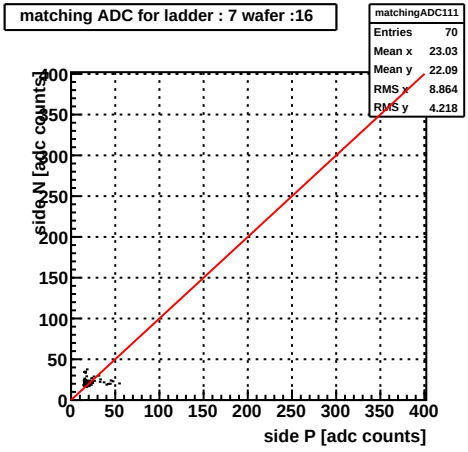

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 3
Mean x 23
Mean y 23.67
RMS x 1.633
RMS y 2.494
side N [adc counts]
side P [adc counts]

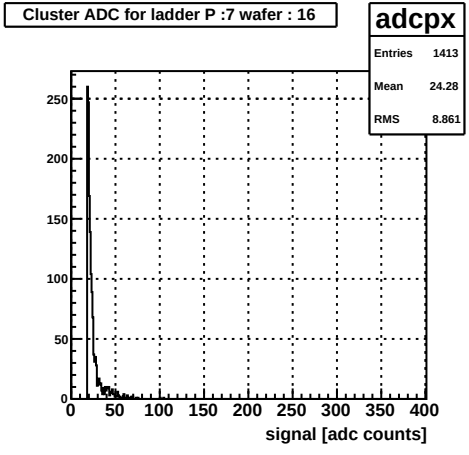

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 299
Mean 19.76
RMS 1.884
signal [adc counts]

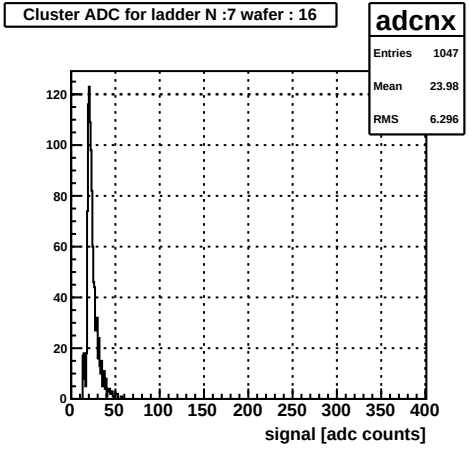

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1338
Mean 28.27
RMS 8.656
signal [adc counts]

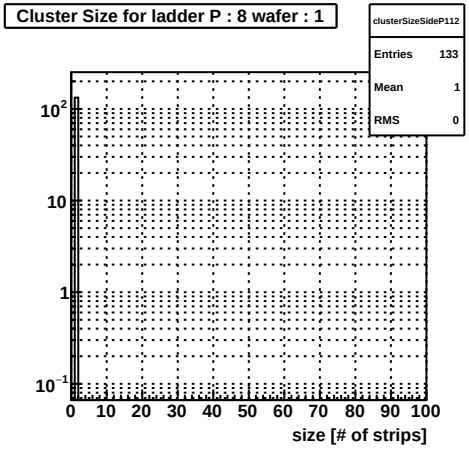

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1413
Mean 1.077
RMS 0.2897
size [# of strips]

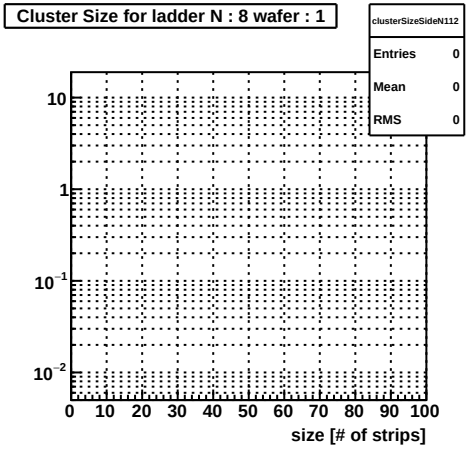

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1047
Mean 1.026
RMS 0.1644
size [# of strips]

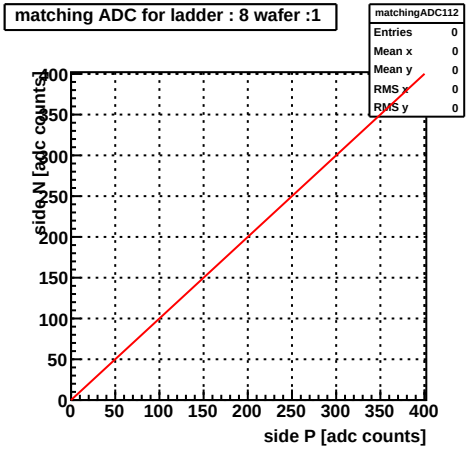

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 70
Mean x 23.03
Mean y 22.09
RMS x 8.864
RMS y 4.218
side N [adc counts]
side P [adc counts]

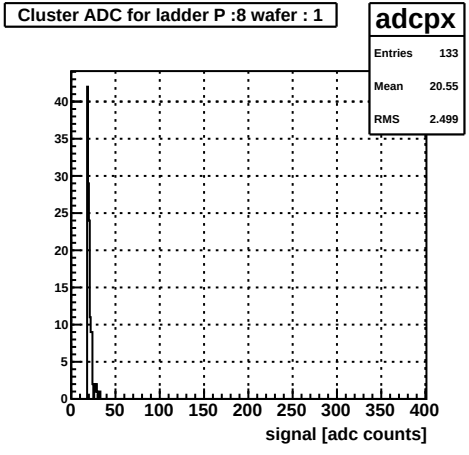

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1413
Mean 24.28
RMS 8.861
signal [adc counts]

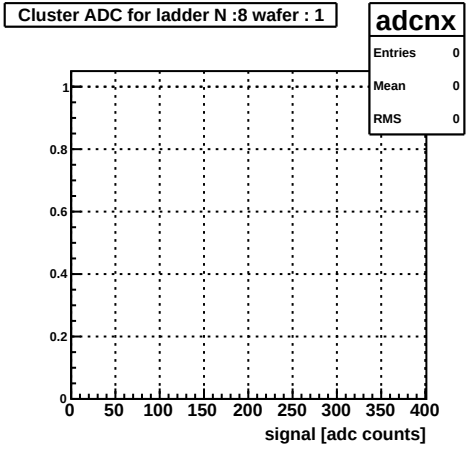

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1047
Mean 23.98
RMS 6.296
signal [adc counts]

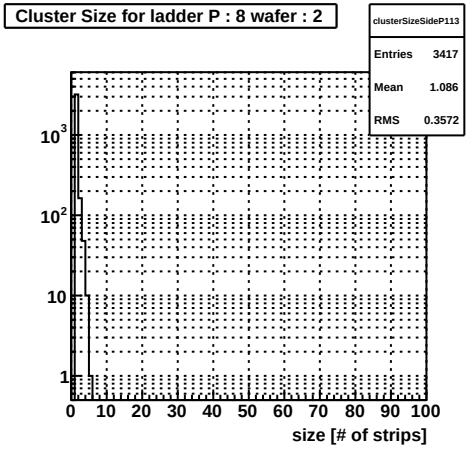

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 133
Mean 1
RMS 0
size [# of strips]

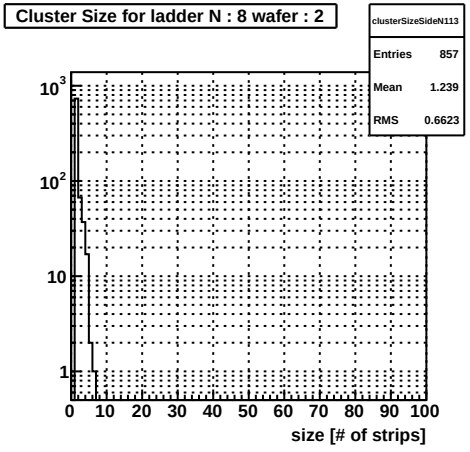

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

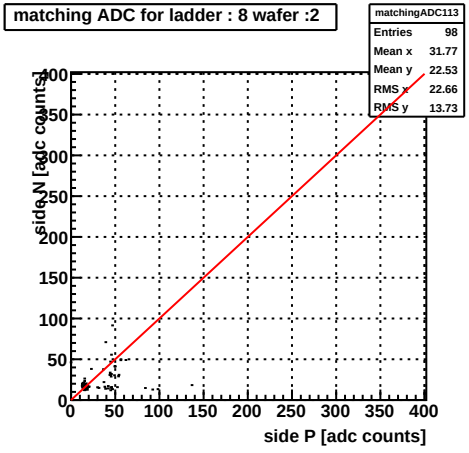

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

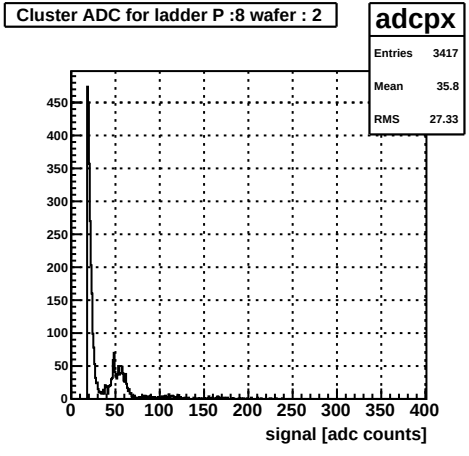

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 133
Mean 20.55
RMS 2.499
signal [adc counts]

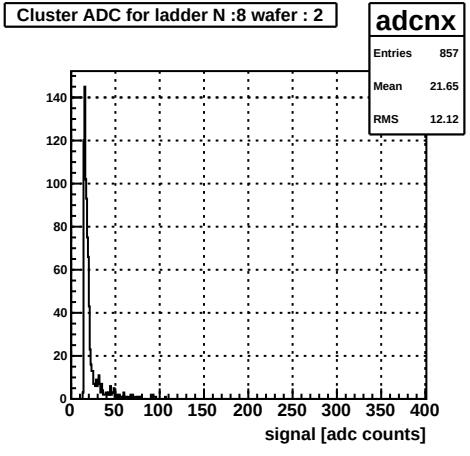

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

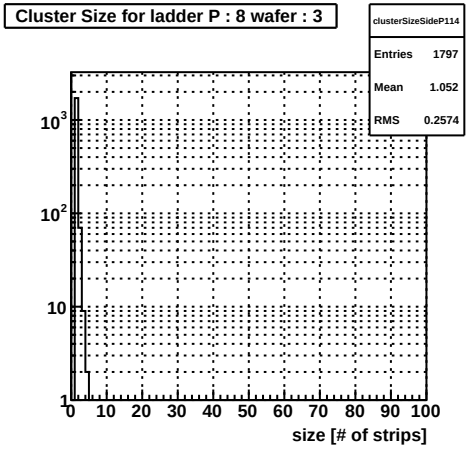

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3417
Mean 1.086
RMS 0.3572
size [# of strips]

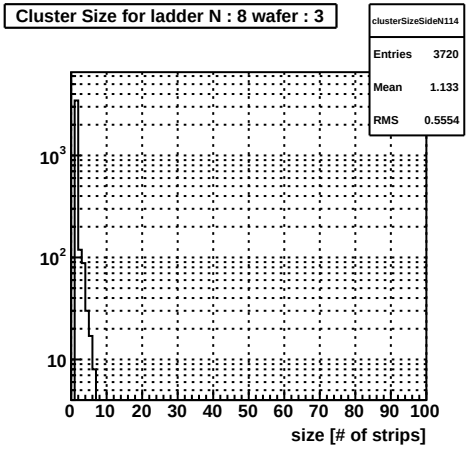

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 857
Mean 1.239
RMS 0.6623
size [# of strips]

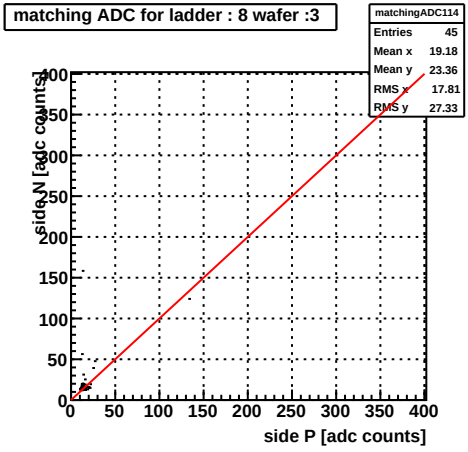

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 98
Mean x 31.77
Mean y 22.53
RMS x 22.66
RMS y 13.73
side N [adc counts]
side P [adc counts]

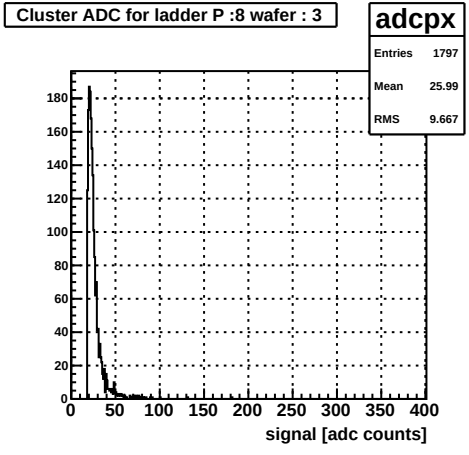

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3417
Mean 35.8
RMS 27.33
signal [adc counts]

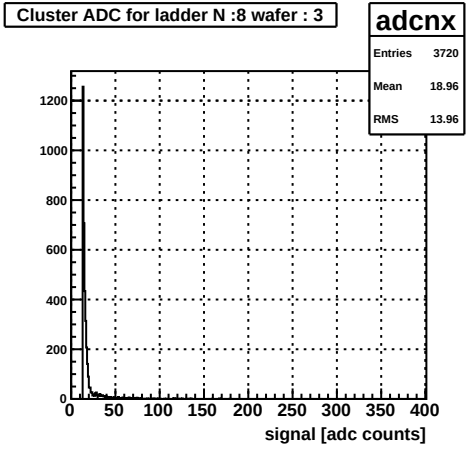

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 857
Mean 21.65
RMS 12.12
signal [adc counts]

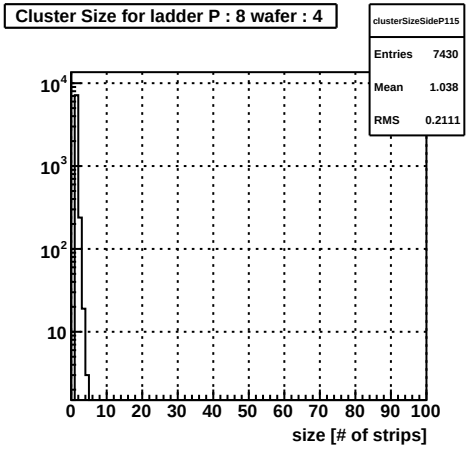

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 1797
Mean 1.052
RMS 0.2574
size [# of strips]

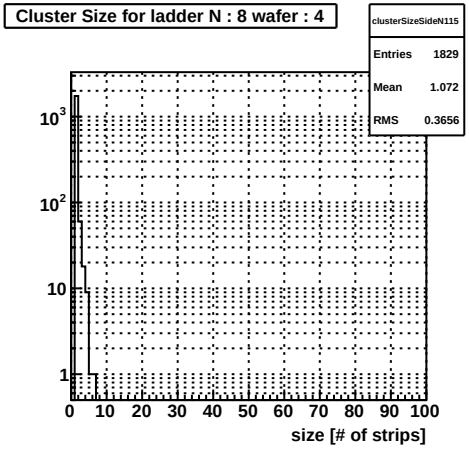

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3720
Mean 1.133
RMS 0.5554
size [# of strips]

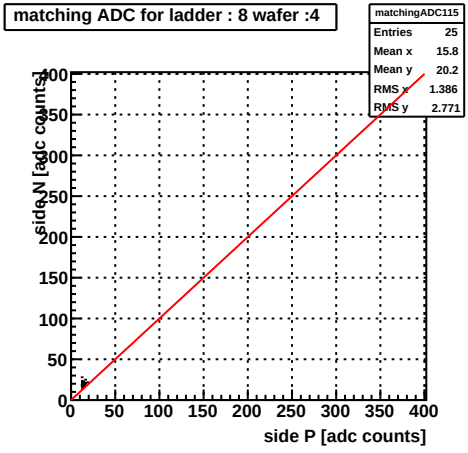

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 45
Mean x 19.18
Mean y 23.36
RMS x 17.81
RMS y 27.33
side N [adc counts]
side P [adc counts]

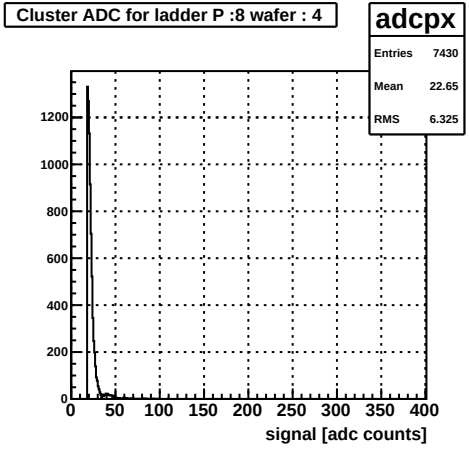

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 1797
Mean 25.99
RMS 9.667
signal [adc counts]

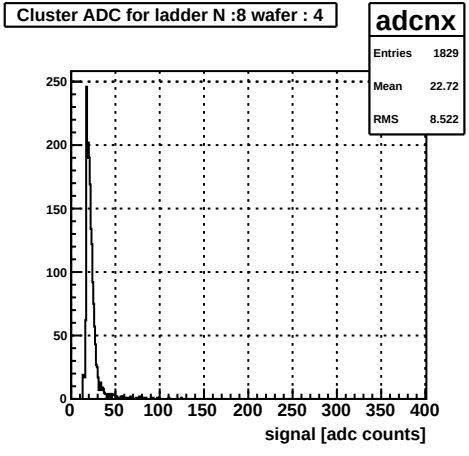

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3720
Mean 18.96
RMS 13.96
signal [adc counts]

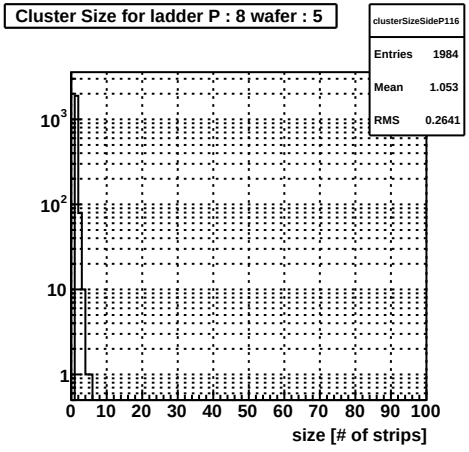

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 7430
Mean 1.038
RMS 0.2111
size [# of strips]

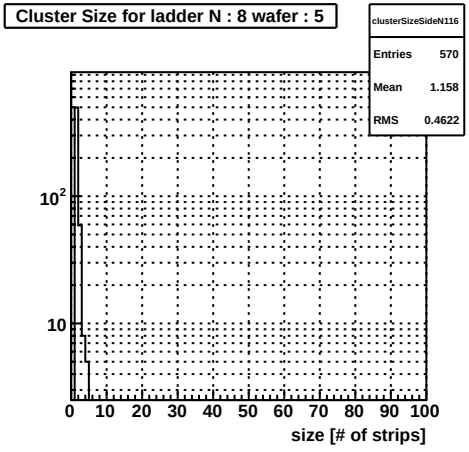

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1829
Mean 1.072
RMS 0.3656
size [# of strips]

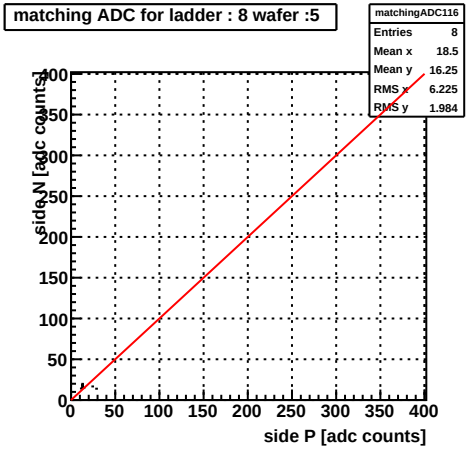

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 25
Mean x 15.8
Mean y 20.2
RMS x 1.386
RMS y 2.771
side N [adc counts]
side P [adc counts]

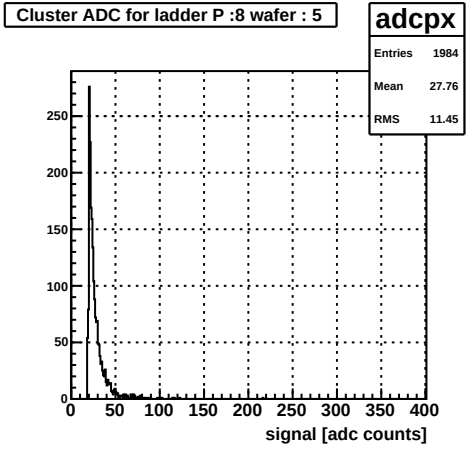

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 7430
Mean 22.65
RMS 6.325
signal [adc counts]

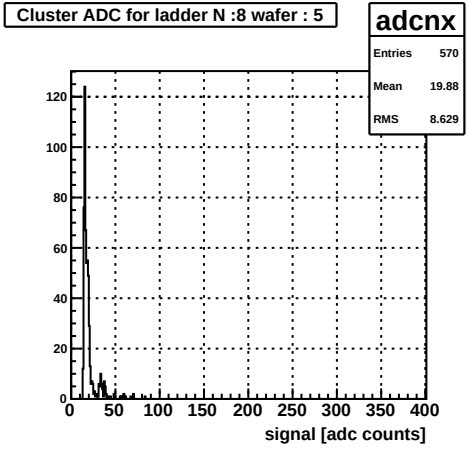

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1829
Mean 22.72
RMS 8.522
signal [adc counts]

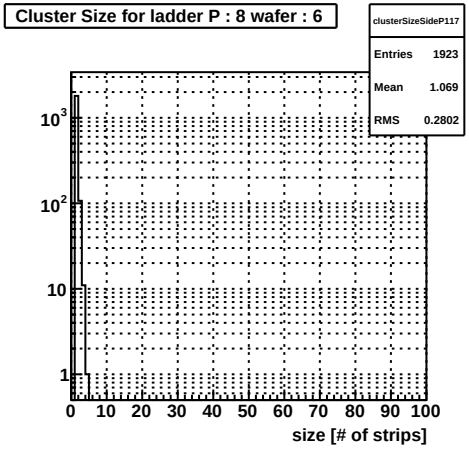

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1984
Mean 1.053
RMS 0.2641
size [# of strips]

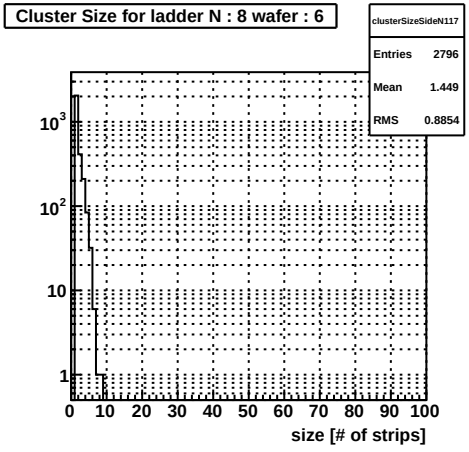

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 570
Mean 1.158
RMS 0.4622
size [# of strips]

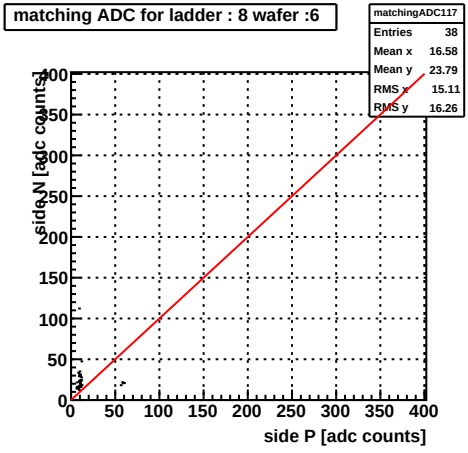

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 8
Mean x 18.5
Mean y 16.25
RMS x 6.225
RMS y 1.984
side N [adc counts]
side P [adc counts]

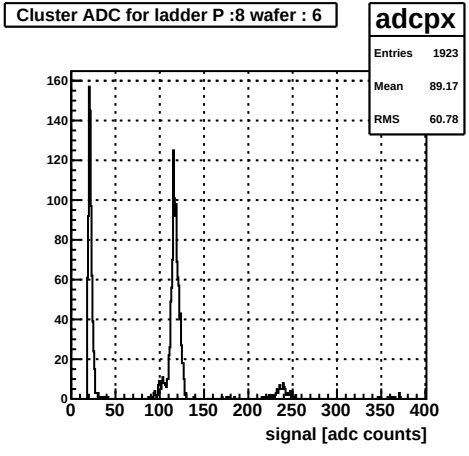

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1984
Mean 27.76
RMS 11.45
signal [adc counts]

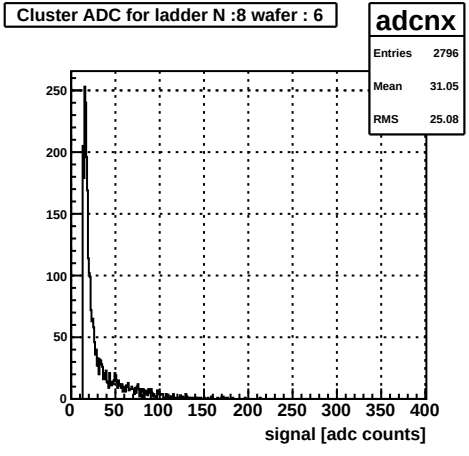

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 570
Mean 19.88
RMS 8.629
signal [adc counts]

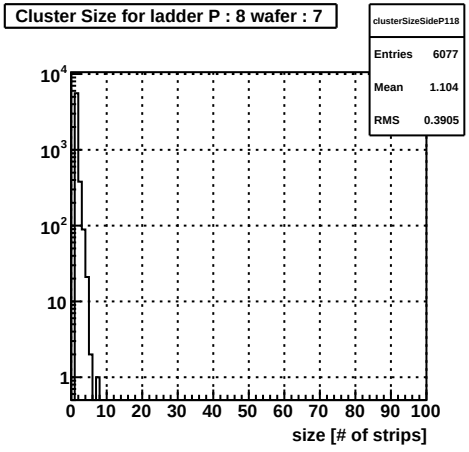

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 1923
Mean 1.069
RMS 0.2802
size [# of strips]

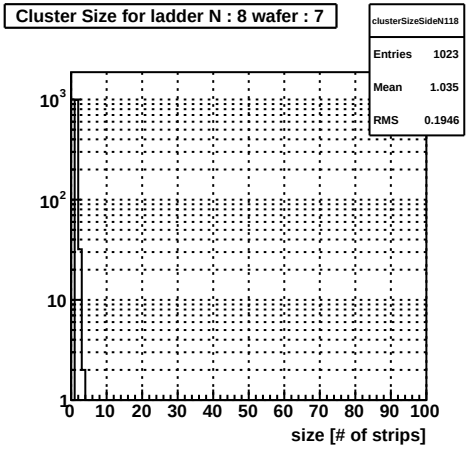

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2796
Mean 1.449
RMS 0.8854
size [# of strips]

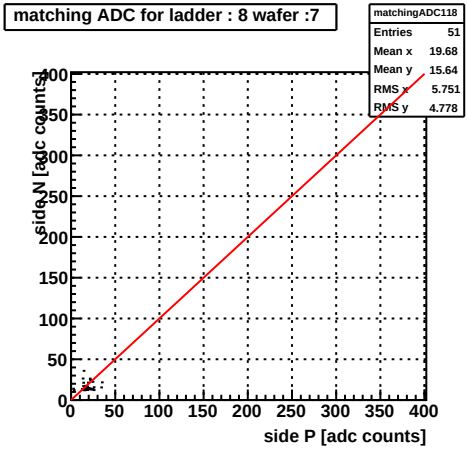

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 38
Mean x 16.58
Mean y 23.79
RMS x 15.11
RMS y 16.26
side N [adc counts]
side P [adc counts]

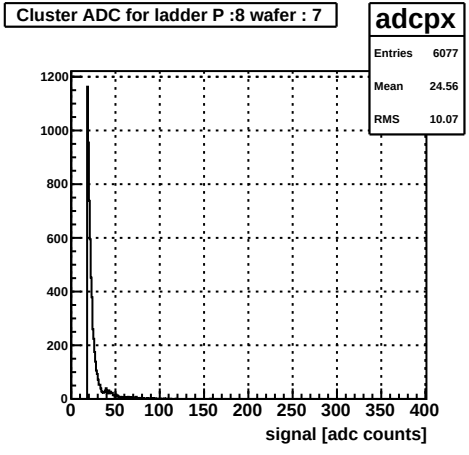

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 1923
Mean 89.17
RMS 60.78
signal [adc counts]

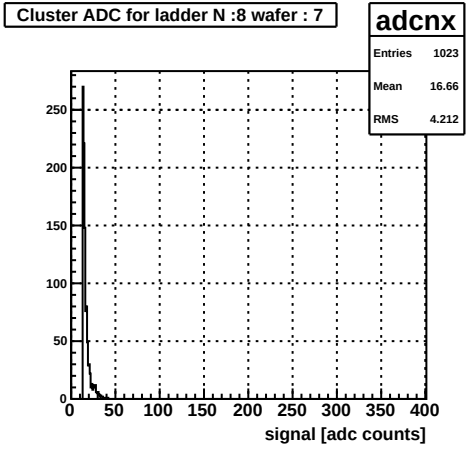

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2796
Mean 31.05
RMS 25.08
signal [adc counts]

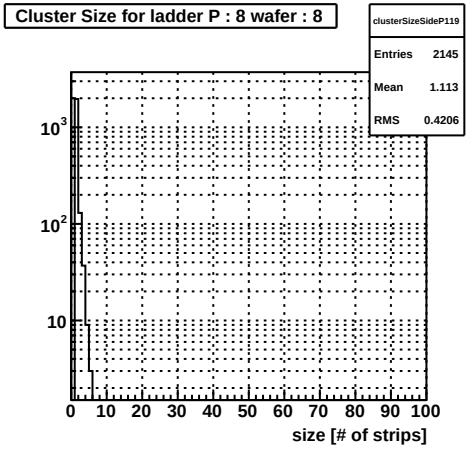

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6077
Mean 1.104
RMS 0.3905
size [# of strips]

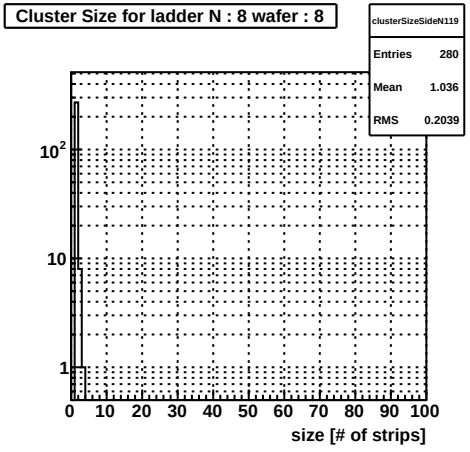

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1023
Mean 1.035
RMS 0.1946
size [# of strips]

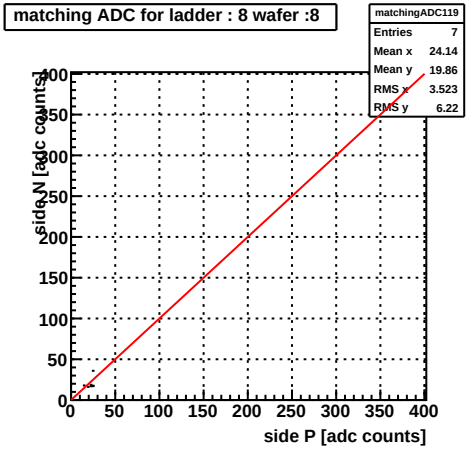

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 51
Mean x 19.68
Mean y 15.64
RMS x 5.751
RMS y 4.778
side N [adc counts]
side P [adc counts]

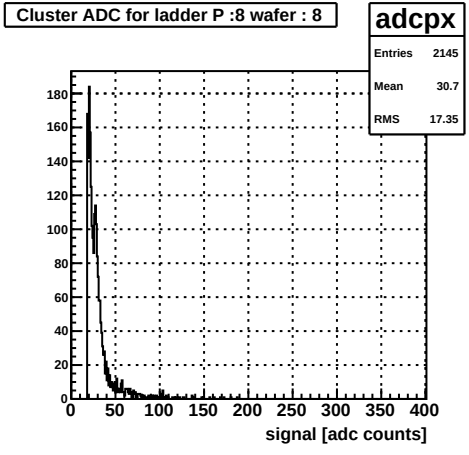

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6077
Mean 24.56
RMS 10.07
signal [adc counts]

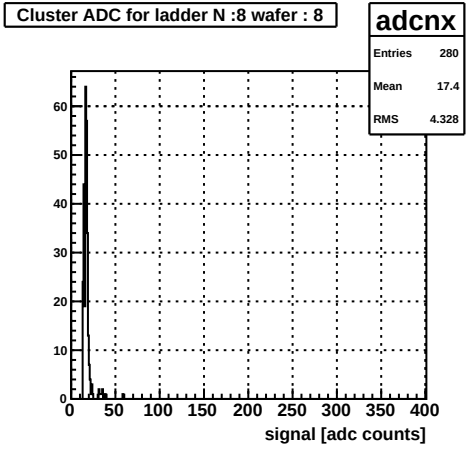

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1023
Mean 16.66
RMS 4.212
signal [adc counts]

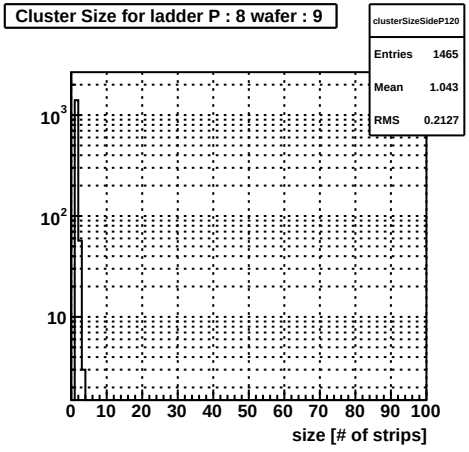

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 2145
Mean 1.113
RMS 0.4206
size [# of strips]

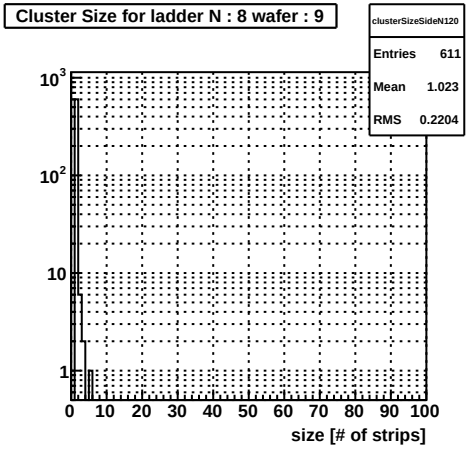

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 280
Mean 1.036
RMS 0.2039
size [# of strips]

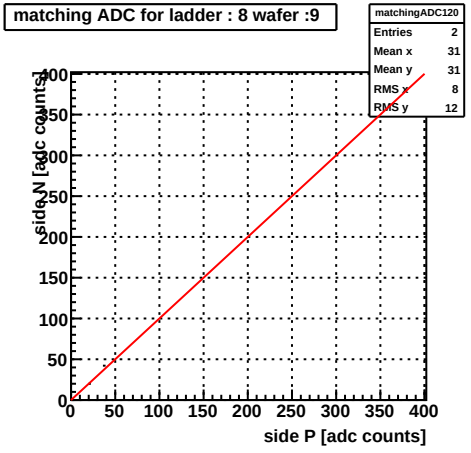

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 7
Mean x 24.14
Mean y 19.86
RMS x 3.523
RMS y 6.22
side N [adc counts]
side P [adc counts]

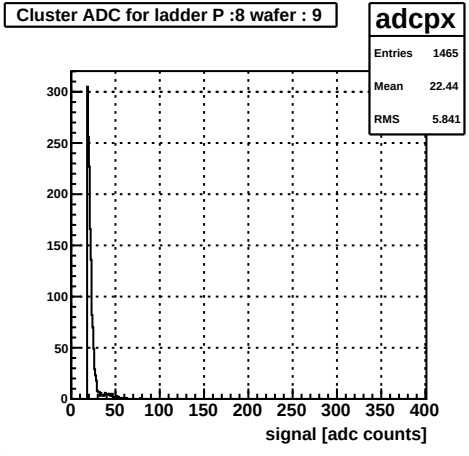

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 2145
Mean 30.7
RMS 17.35
signal [adc counts]

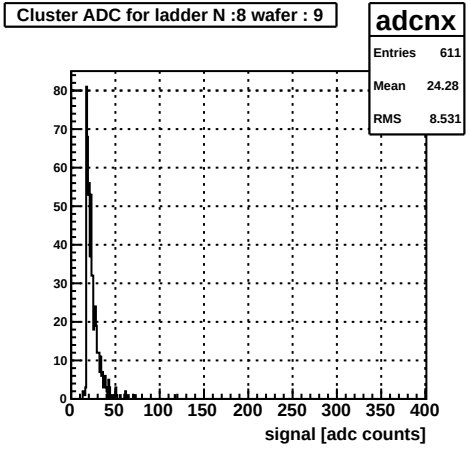

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 280
Mean 17.4
RMS 4.328
signal [adc counts]

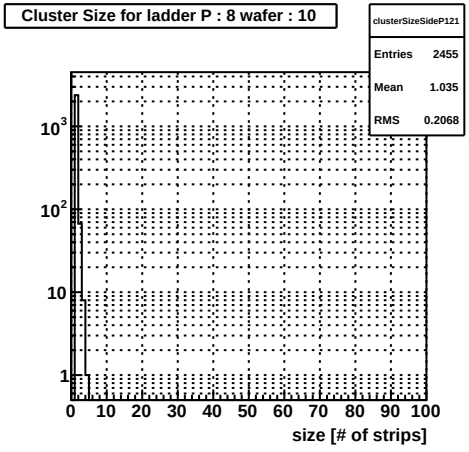

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1465
Mean 1.043
RMS 0.2127
size [# of strips]

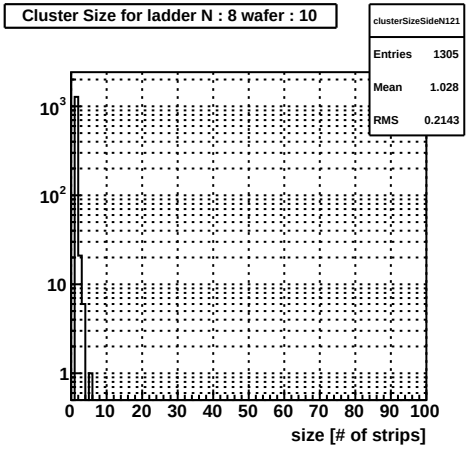

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 611
Mean 1.023
RMS 0.2204
size [# of strips]

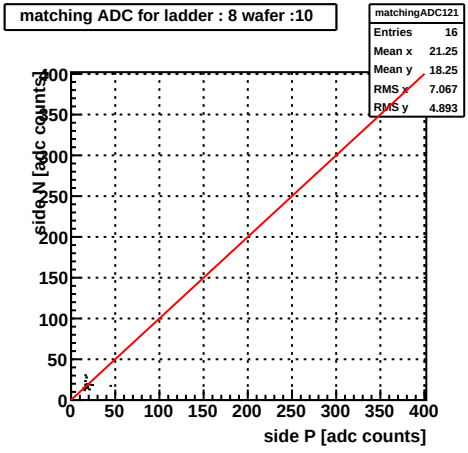

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 2
Mean x 31
Mean y 31
RMS x 8
RMS y 12
side N [adc counts]
side P [adc counts]

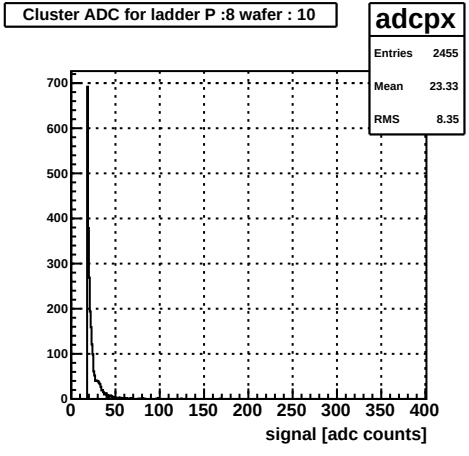

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1465
Mean 22.44
RMS 5.841
signal [adc counts]

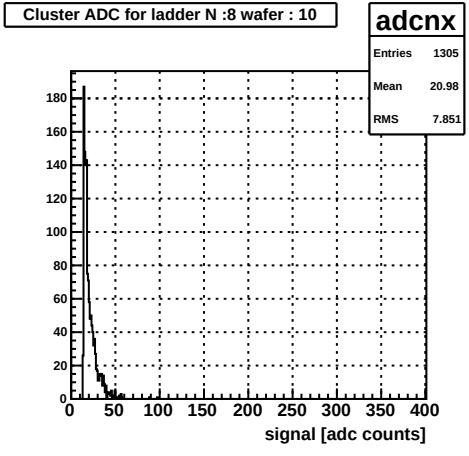

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 611
Mean 24.28
RMS 8.531
signal [adc counts]

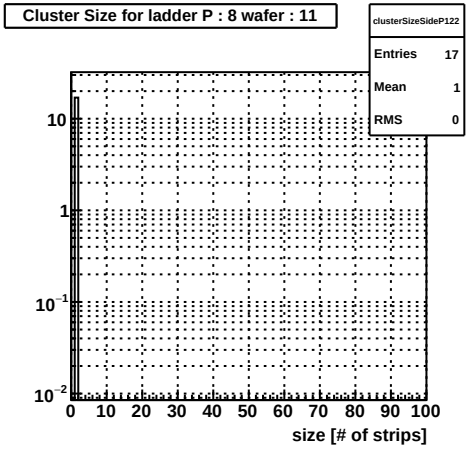

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2455
Mean 1.035
RMS 0.2068
size [# of strips]

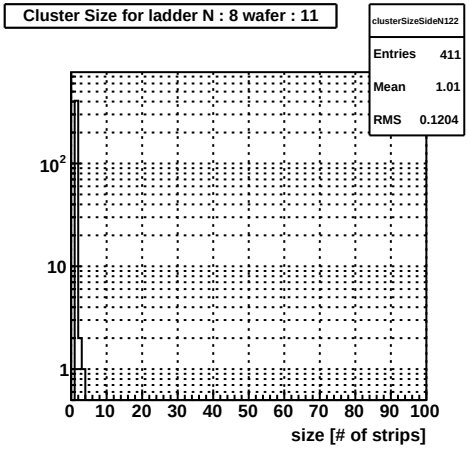

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1305
Mean 1.028
RMS 0.2143
size [# of strips]

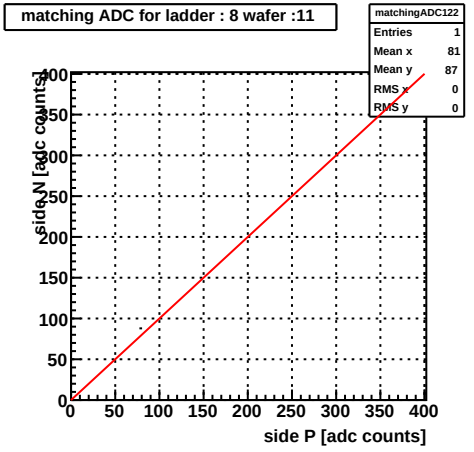

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 16
Mean x 21.25
Mean y 18.25
RMS x 7.067
RMS y 4.893
side N [adc counts]
side P [adc counts]

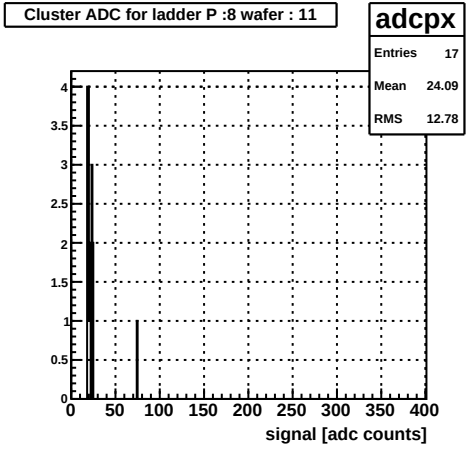

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2455
Mean 23.33
RMS 8.35
signal [adc counts]

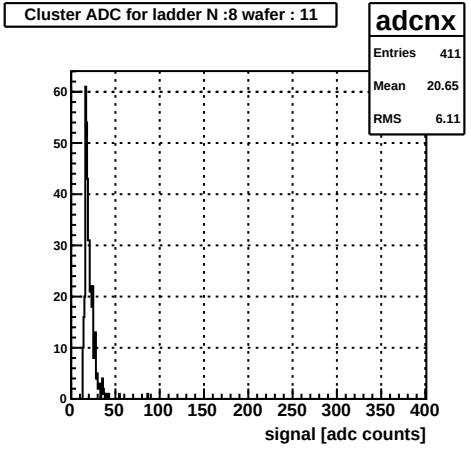

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1305
Mean 20.98
RMS 7.851
signal [adc counts]

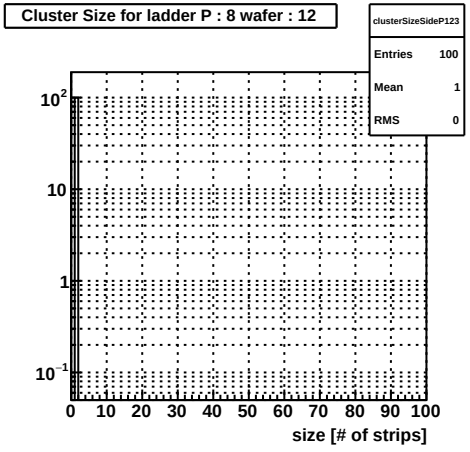

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 17
Mean 1
RMS 0
size [# of strips]

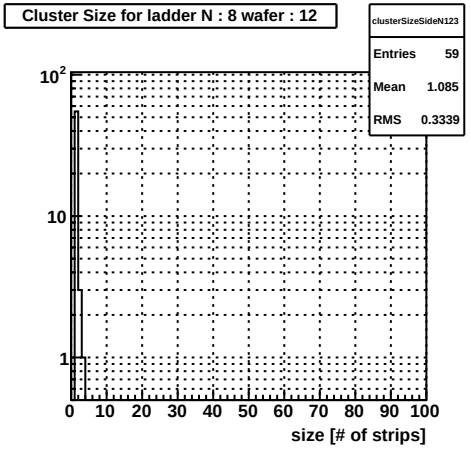

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 411
Mean 1.01
RMS 0.1204
size [# of strips]

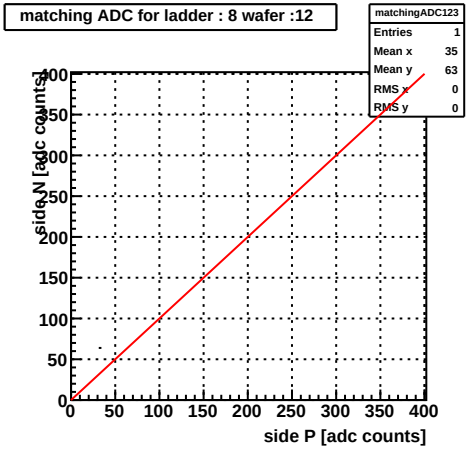

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1
Mean x 81
Mean y 87
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

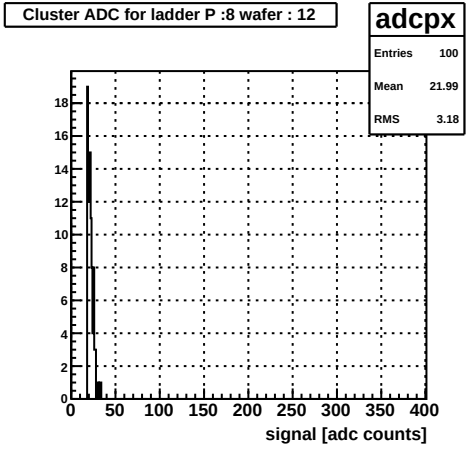

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 17
Mean 24.09
RMS 12.78
signal [adc counts]

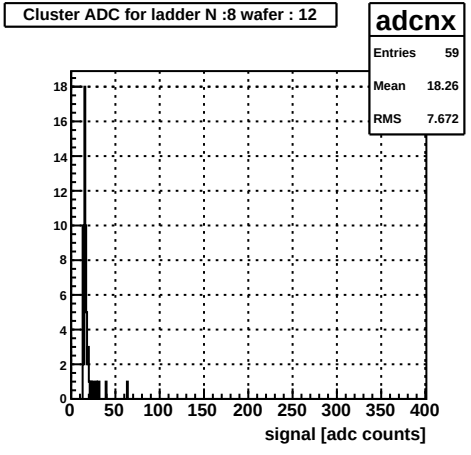

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 411
Mean 20.65
RMS 6.11
signal [adc counts]

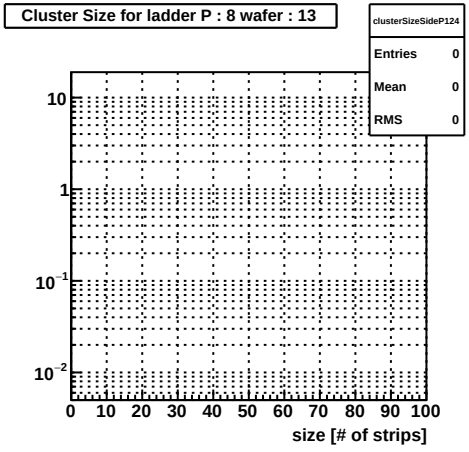

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 100
Mean 1
RMS 0
size [# of strips]

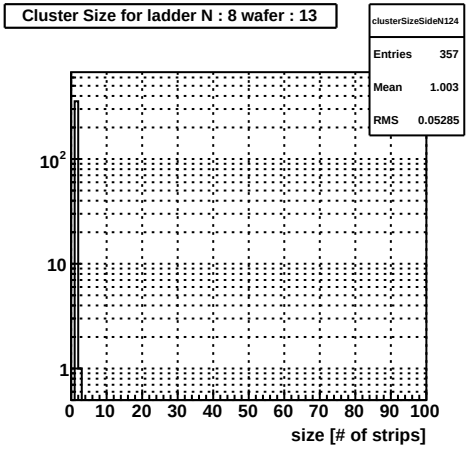

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 59
Mean 1.085
RMS 0.3339
size [# of strips]

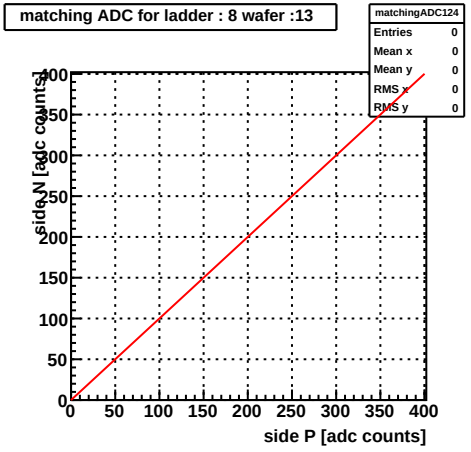

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1
Mean x 35
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

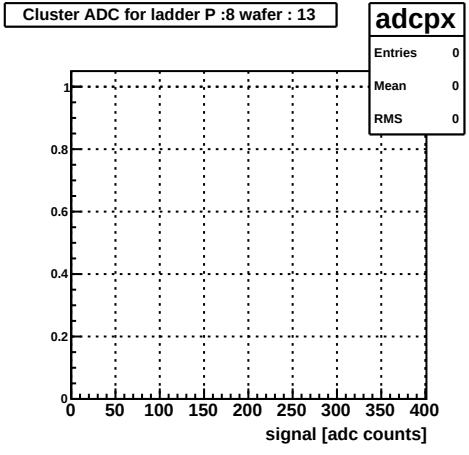

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 100
Mean 21.99
RMS 3.18
signal [adc counts]

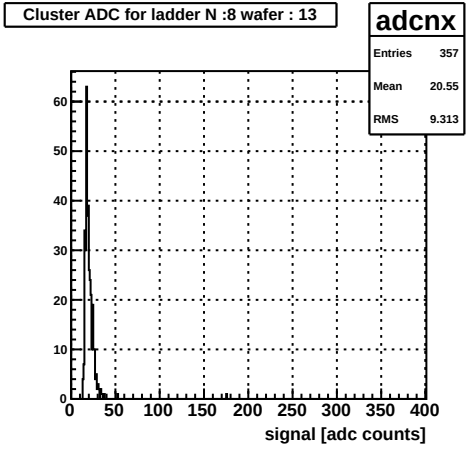

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 59
Mean 18.26
RMS 7.672
signal [adc counts]

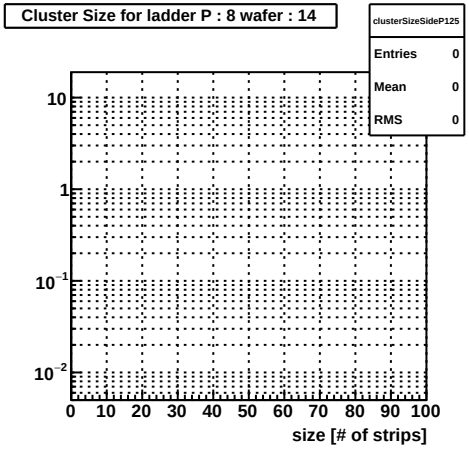

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

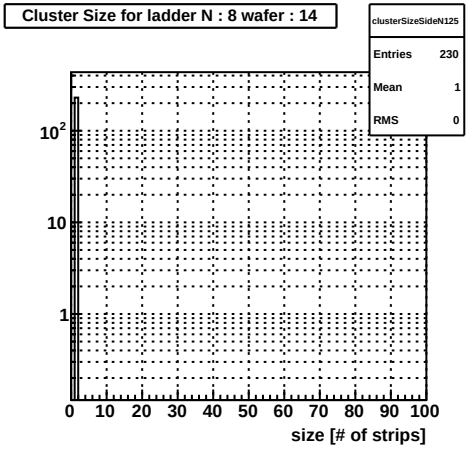

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 357
Mean 1.003
RMS 0.05285
size [# of strips]

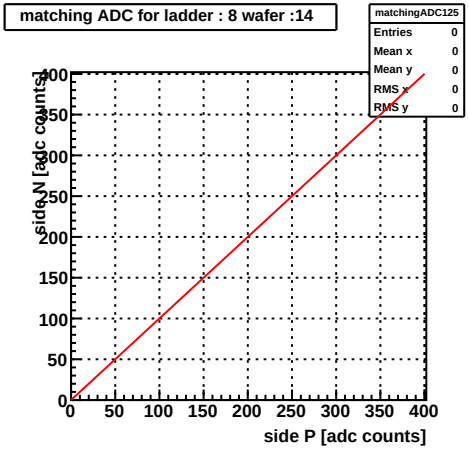

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

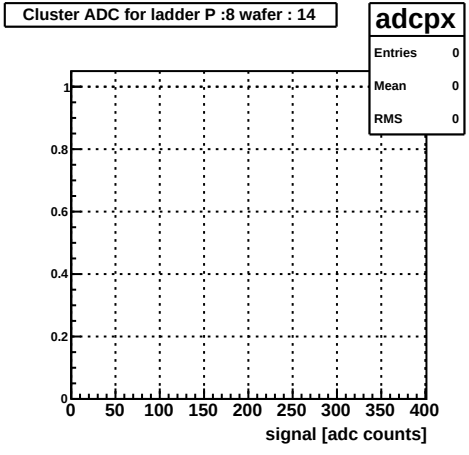

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

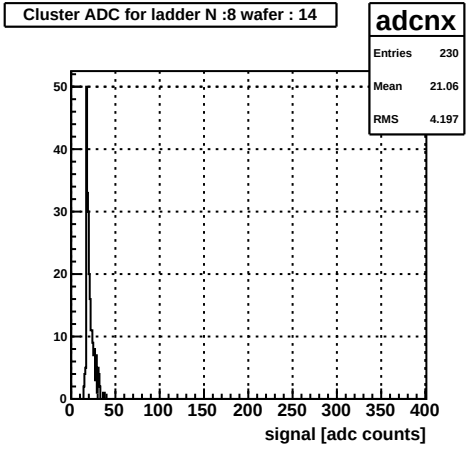

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 357
Mean 20.55
RMS 9.313
signal [adc counts]

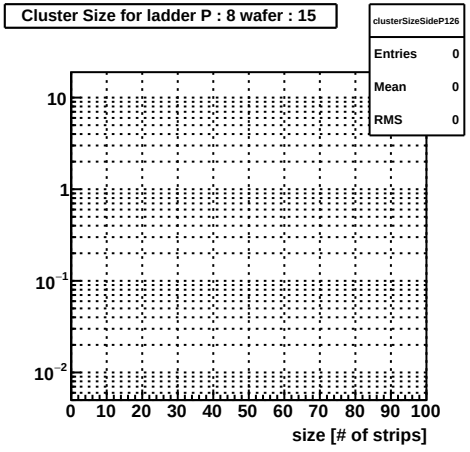

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

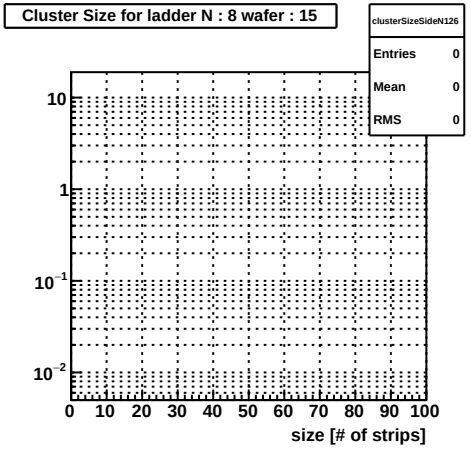

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 230
Mean 1
RMS 0
size [# of strips]

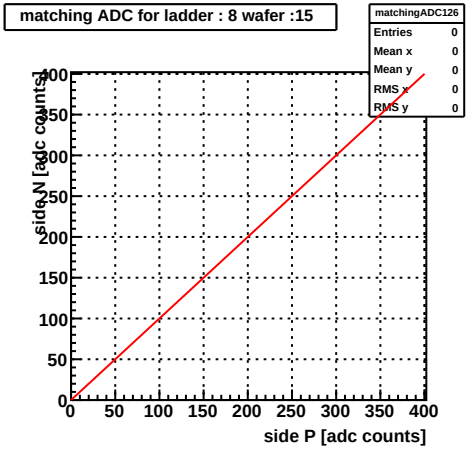

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

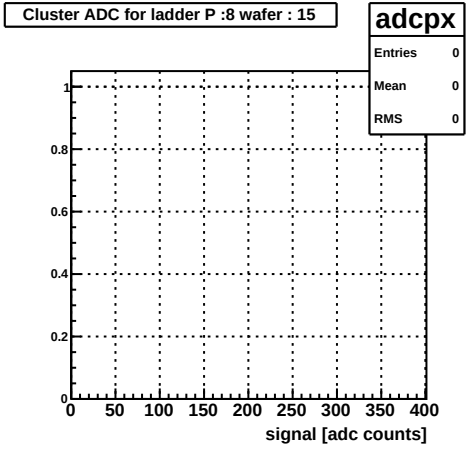

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

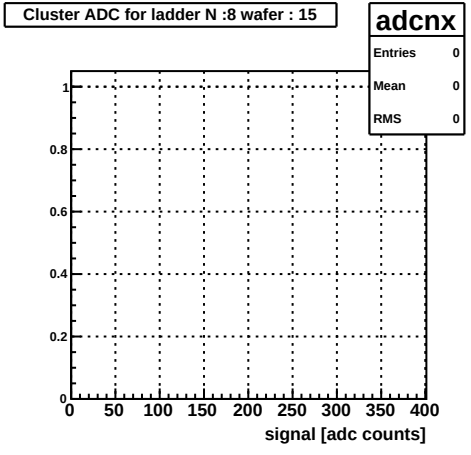

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 230
Mean 21.06
RMS 4.197
signal [adc counts]

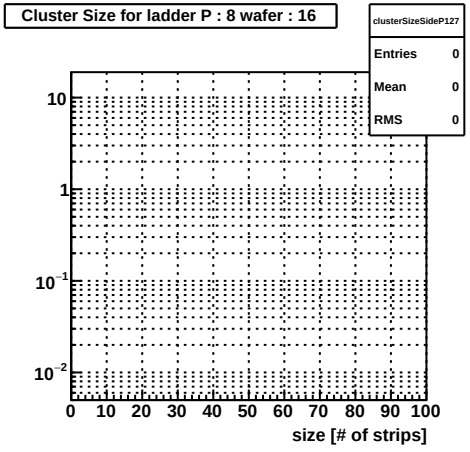

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

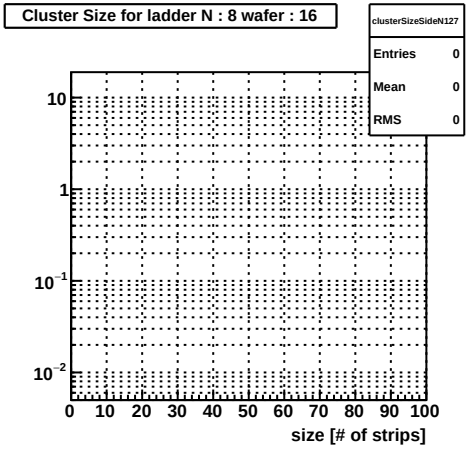

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

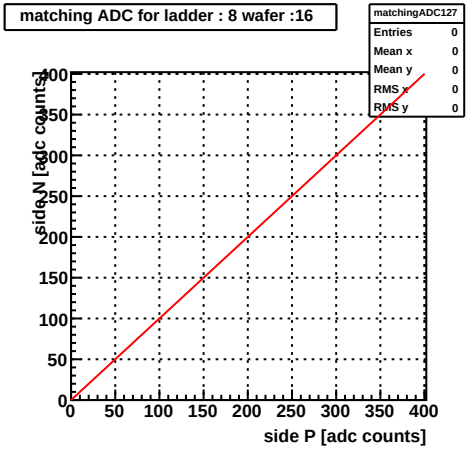

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

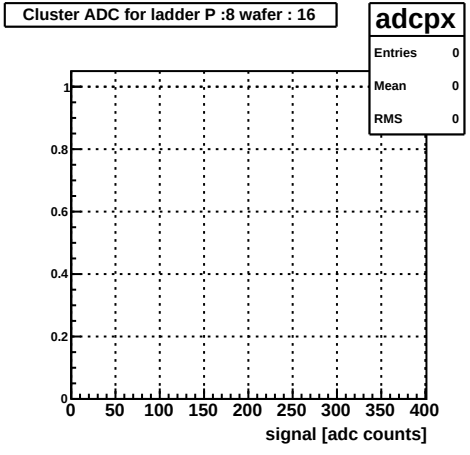

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

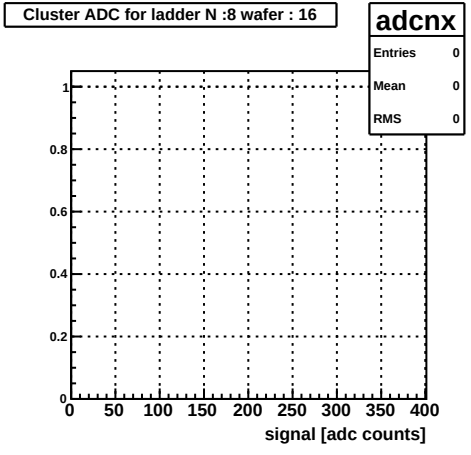

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

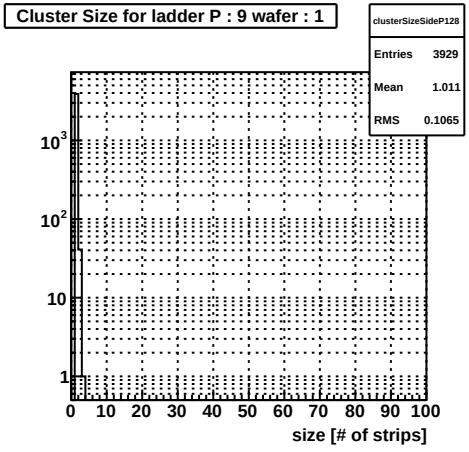

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

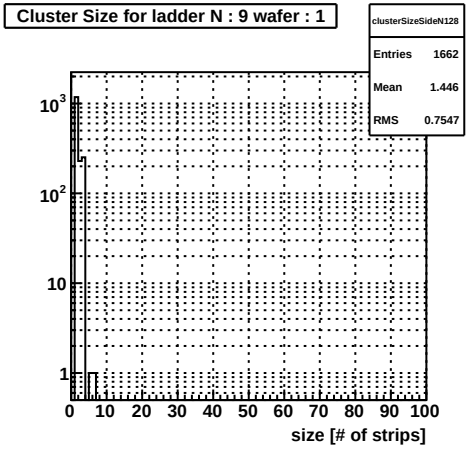

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

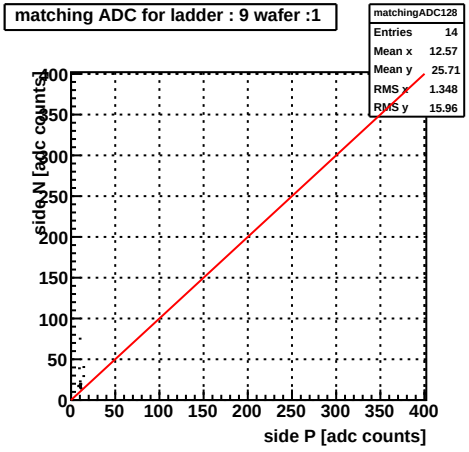

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

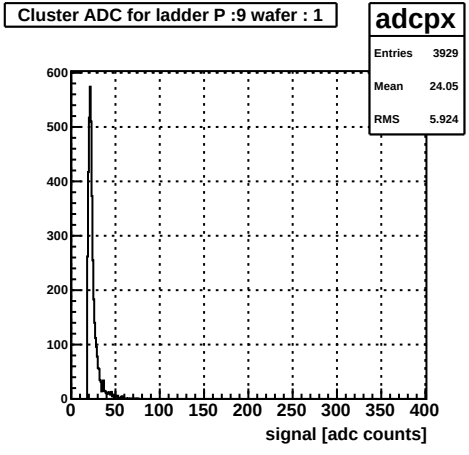

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

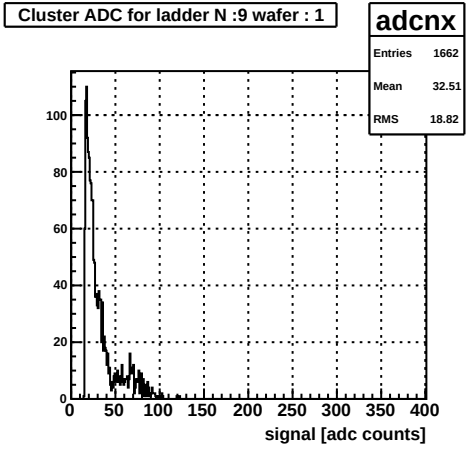

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

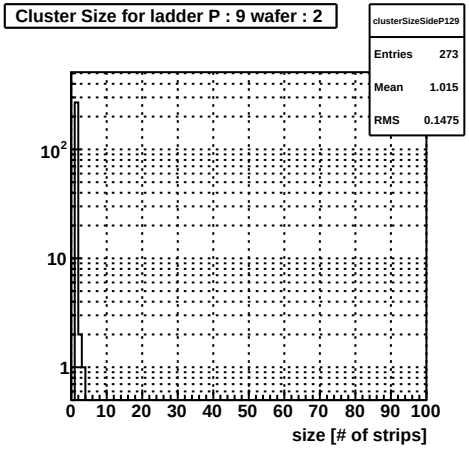

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3929
Mean 1.011
RMS 0.1065
size [# of strips]

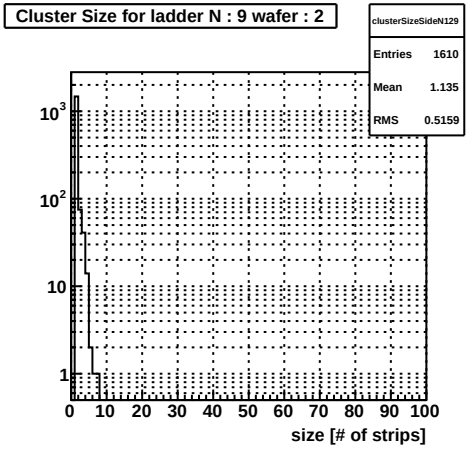

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1662
Mean 1.446
RMS 0.7547
size [# of strips]

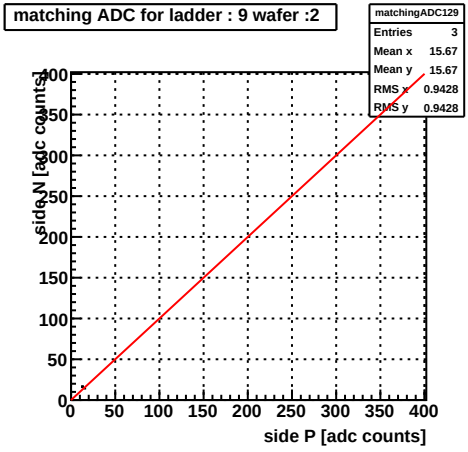

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 14
Mean x 12.57
Mean y 25.71
RMS x 1.348
RMS y 15.96
side N [adc counts]
side P [adc counts]

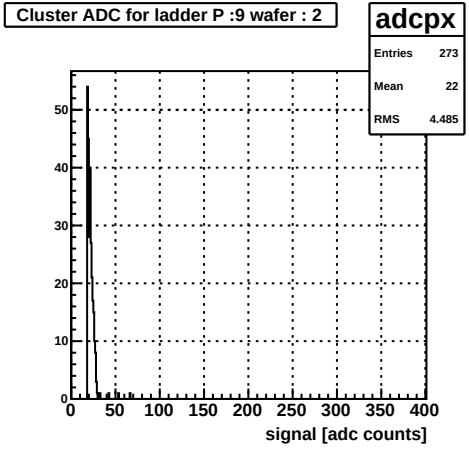

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3929
Mean 24.05
RMS 5.924
signal [adc counts]

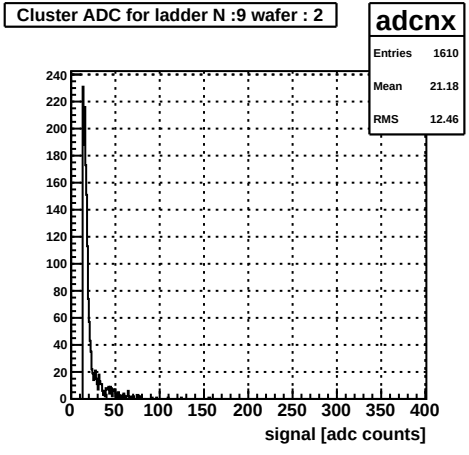

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1662
Mean 32.51
RMS 18.82
signal [adc counts]

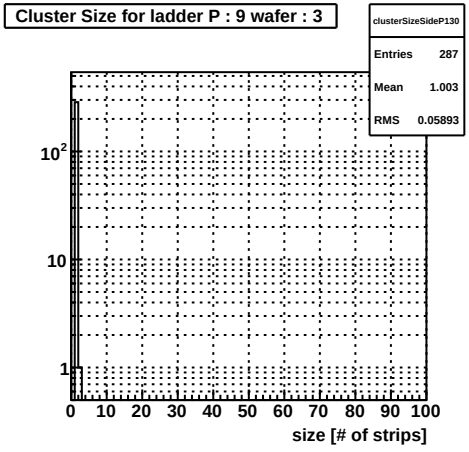

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 273
Mean 1.015
RMS 0.1475
size [# of strips]

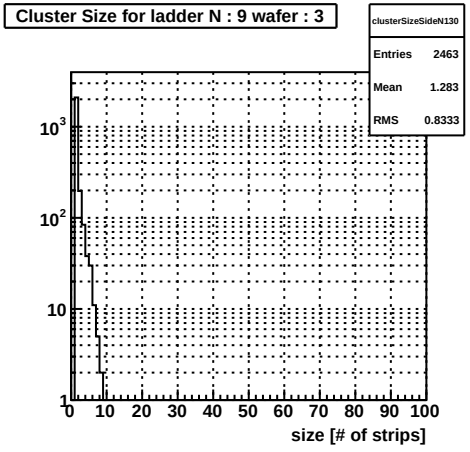

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1610
Mean 1.135
RMS 0.5159
size [# of strips]

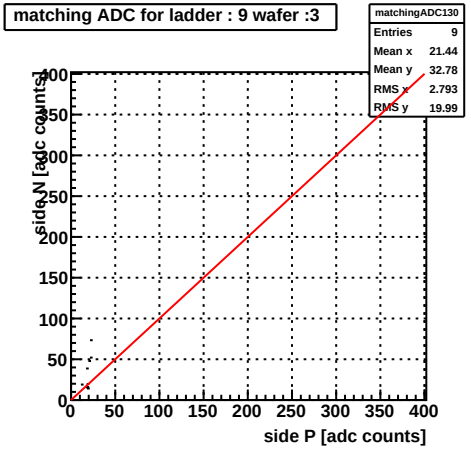

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3
Mean x 15.67
Mean y 15.67
RMS x 0.9428
RMS y 0.9428
side N [adc counts]
side P [adc counts]

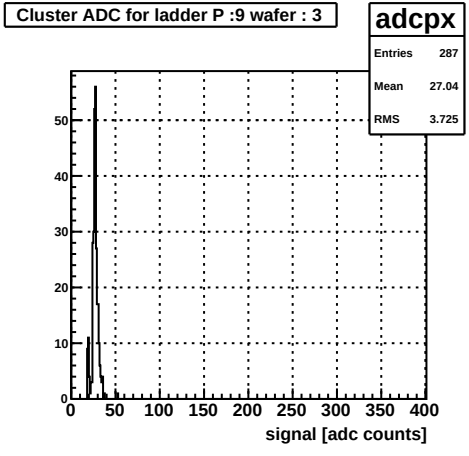

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 273
Mean 22
RMS 4.485
signal [adc counts]

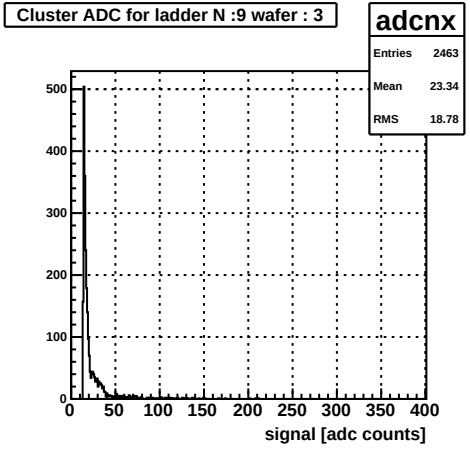

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1610
Mean 21.18
RMS 12.46
signal [adc counts]

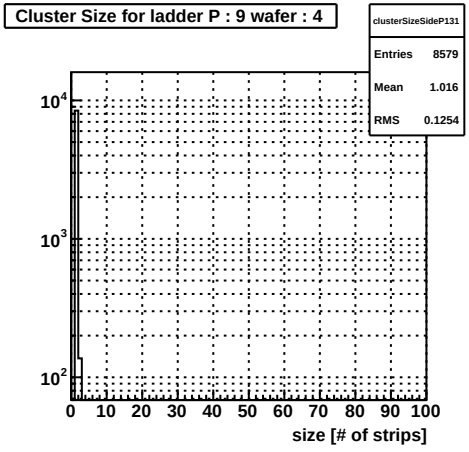

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 287
Mean 1.003
RMS 0.05893
size [# of strips]

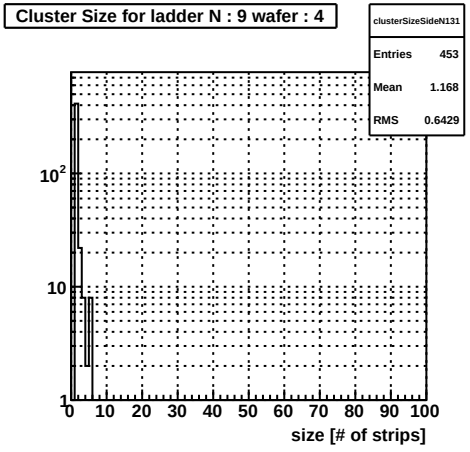

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 2463
Mean 1.283
RMS 0.8333
size [# of strips]

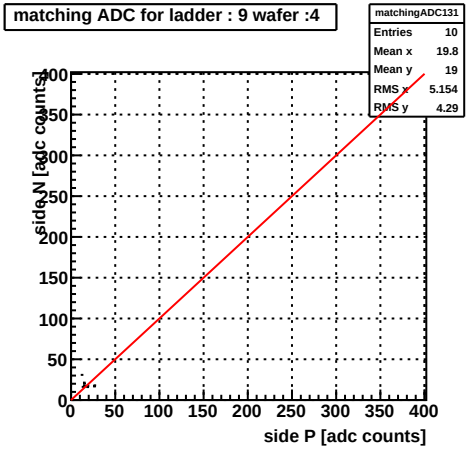

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 9
Mean x 21.44
Mean y 32.78
RMS x 2.793
RMS y 19.99
side N [adc counts]
side P [adc counts]

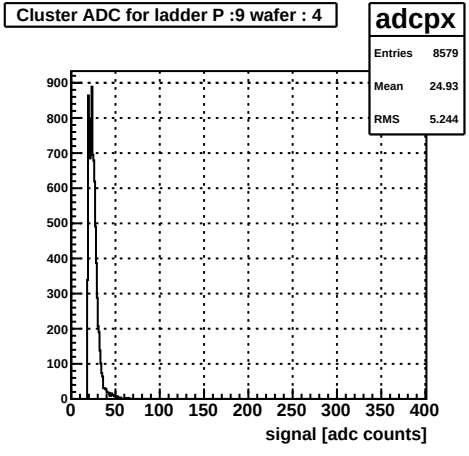

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 287
Mean 27.04
RMS 3.725
signal [adc counts]

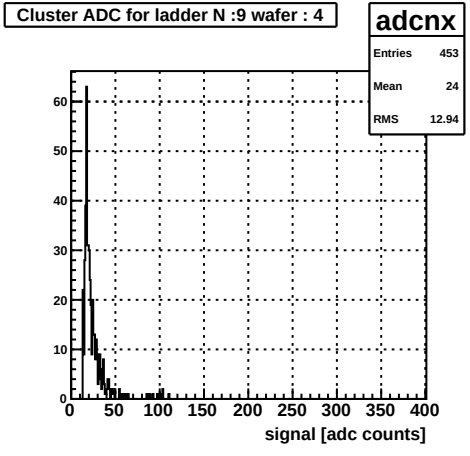

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 2463
Mean 23.34
RMS 18.78
signal [adc counts]

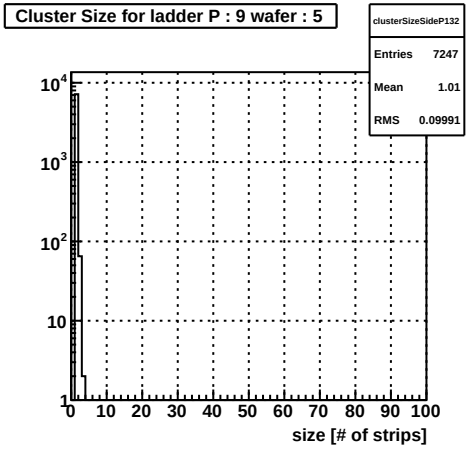

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8579
Mean 1.016
RMS 0.1254
size [# of strips]

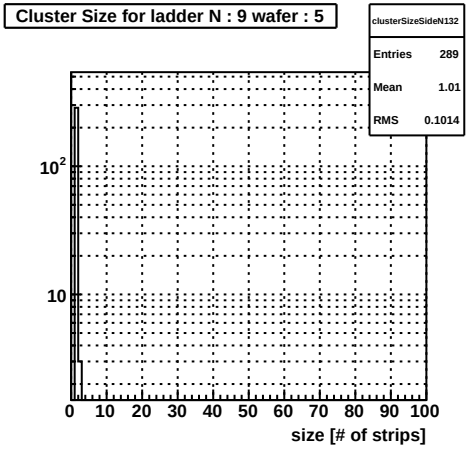

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 453
Mean 1.168
RMS 0.6429
size [# of strips]

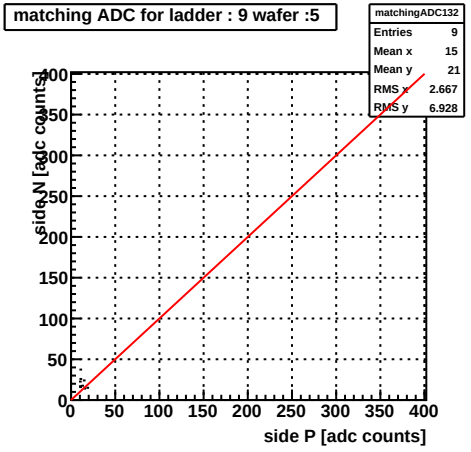

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 10
Mean x 19.8
Mean y 19
RMS x 5.154
RMS y 4.29
side N [adc counts]
side P [adc counts]

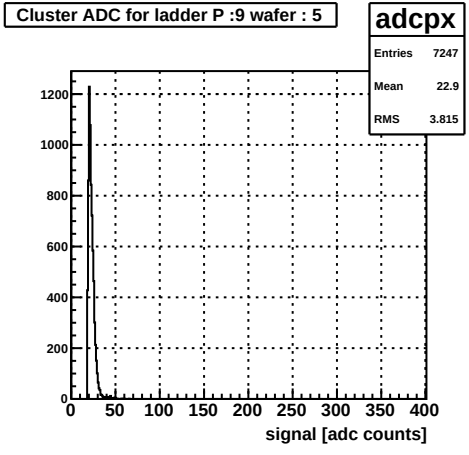

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8579
Mean 24.93
RMS 5.244
signal [adc counts]

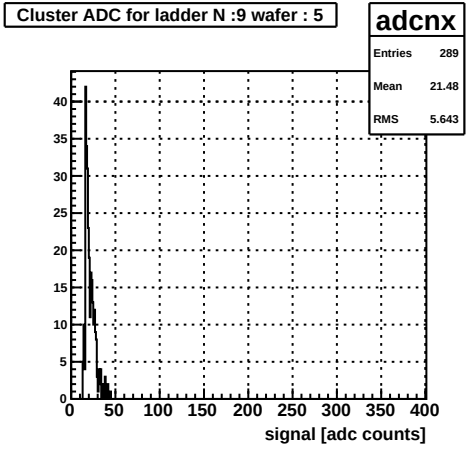

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 453
Mean 24
RMS 12.94
signal [adc counts]

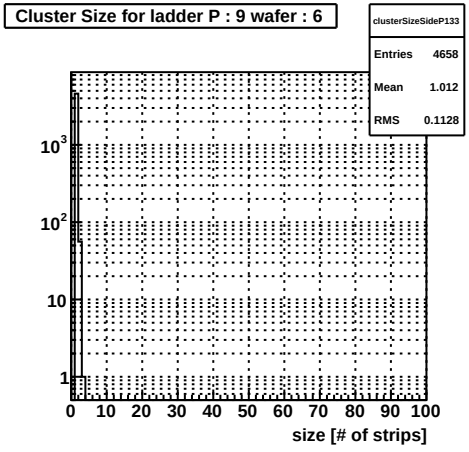

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7247
Mean 1.01
RMS 0.09991
size [# of strips]

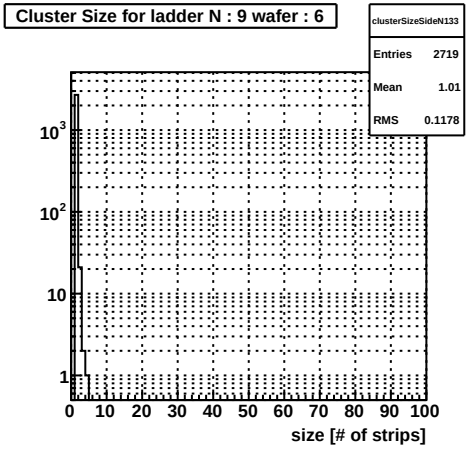

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 289
Mean 1.01
RMS 0.1014
size [# of strips]

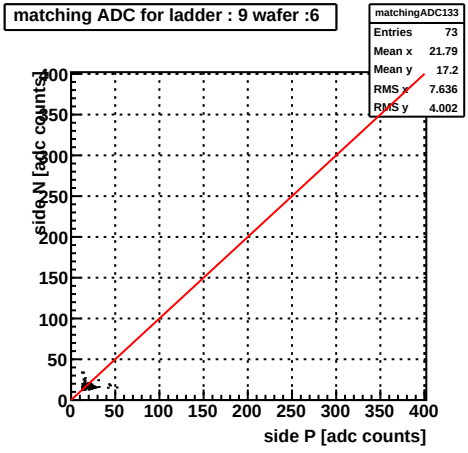

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 9
Mean x 15
Mean y 21
RMS x 2.667
RMS y 6.928
side N [adc counts]
side P [adc counts]

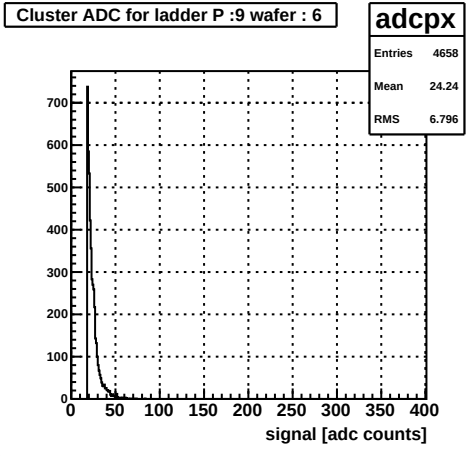

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7247
Mean 22.9
RMS 3.815
signal [adc counts]

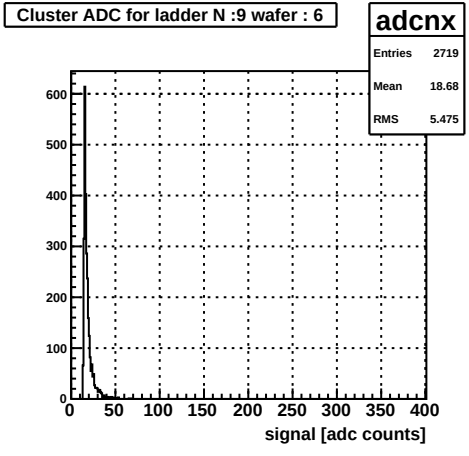

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 289
Mean 21.48
RMS 5.643
signal [adc counts]

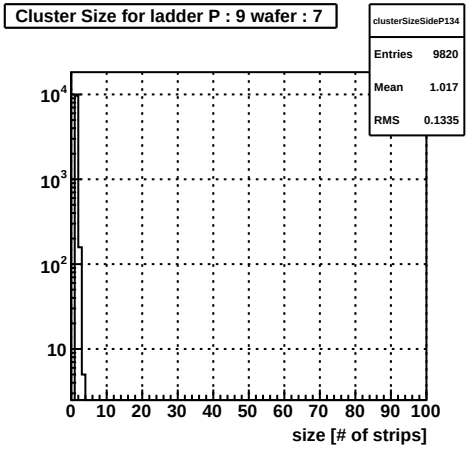

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 4658
Mean 1.012
RMS 0.1128
size [# of strips]

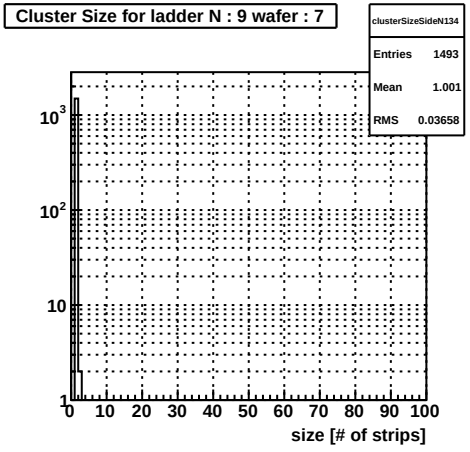

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 2719
Mean 1.01
RMS 0.1178
size [# of strips]

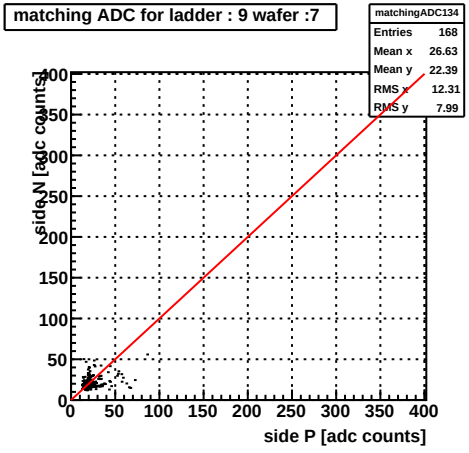

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 73
Mean x 21.79
Mean y 17.2
RMS x 7.636
RMS y 4.002
side N [adc counts]
side P [adc counts]

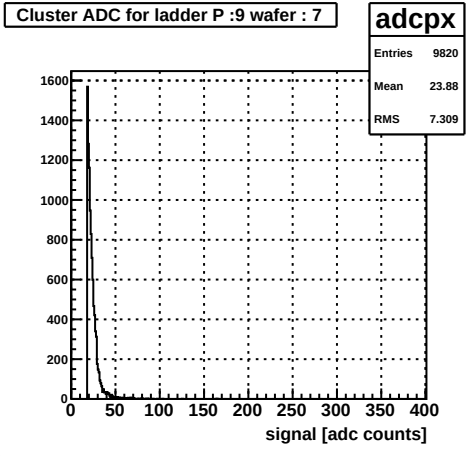

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 4658
Mean 24.24
RMS 6.796
signal [adc counts]

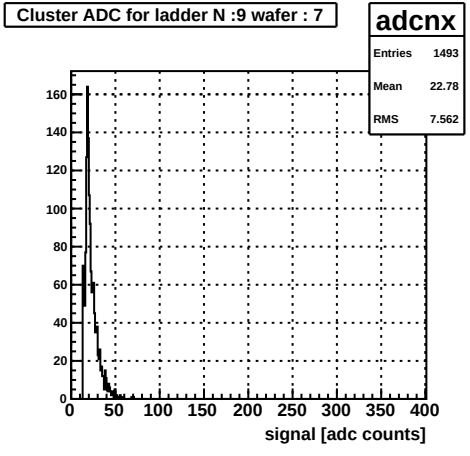

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 2719
Mean 18.68
RMS 5.475
signal [adc counts]

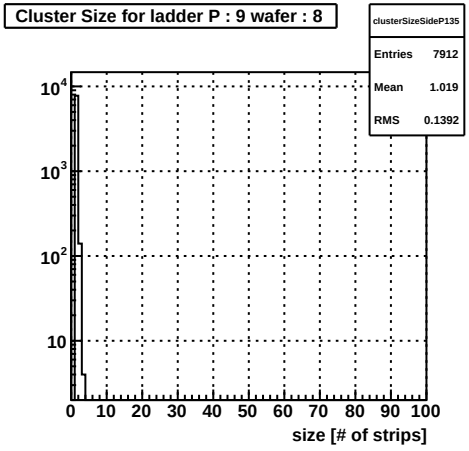

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 9820
Mean 1.017
RMS 0.1335
size [# of strips]

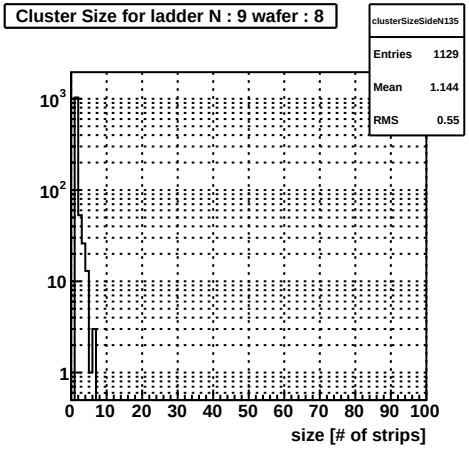

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 1493
Mean 1.001
RMS 0.03658
size [# of strips]

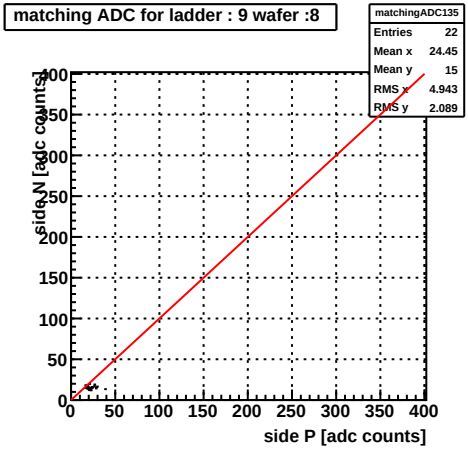

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 168
Mean x 26.63
Mean y 22.39
RMS x 12.31
RMS y 7.99
side N [adc counts]
side P [adc counts]

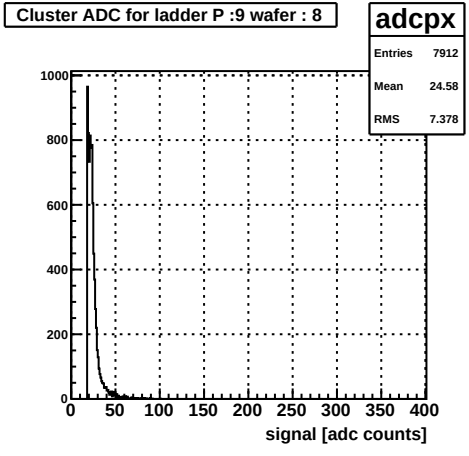

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 9820
Mean 23.88
RMS 7.309
signal [adc counts]

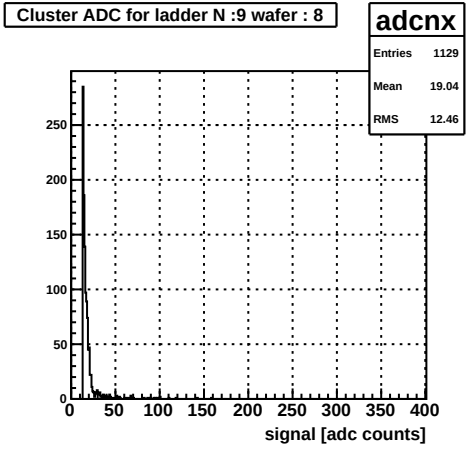

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 1493
Mean 22.78
RMS 7.562
signal [adc counts]

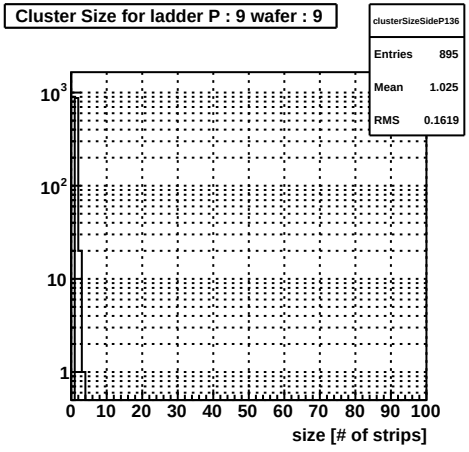

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 7912
Mean 1.019
RMS 0.1392
size [# of strips]

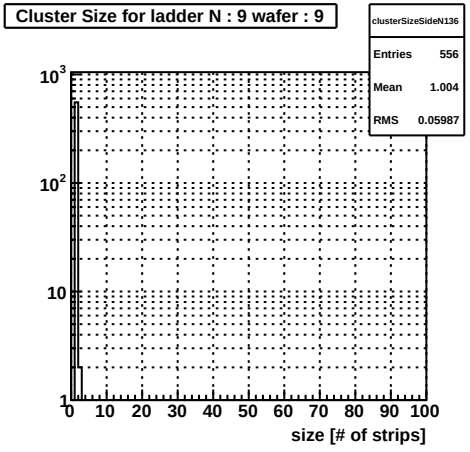

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 1129
Mean 1.144
RMS 0.55
size [# of strips]

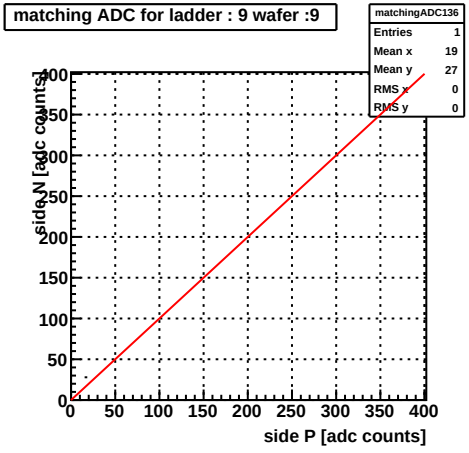

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 22
Mean x 24.45
Mean y 15
RMS x 4.943
RMS y 2.089
side N [adc counts]
side P [adc counts]

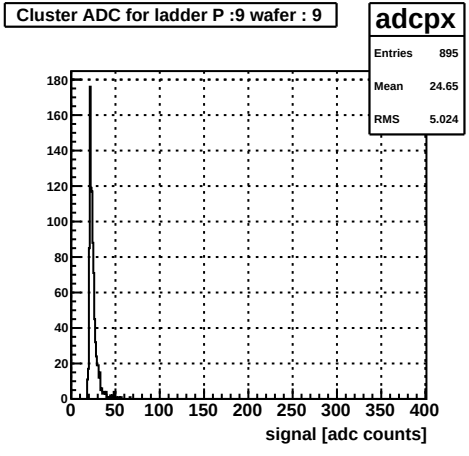

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 7912
Mean 24.58
RMS 7.378
signal [adc counts]

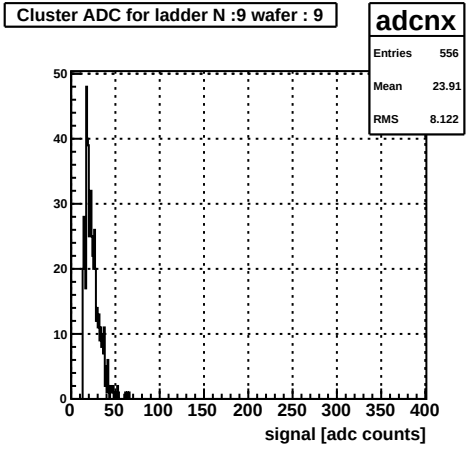

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 1129
Mean 19.04
RMS 12.46
signal [adc counts]

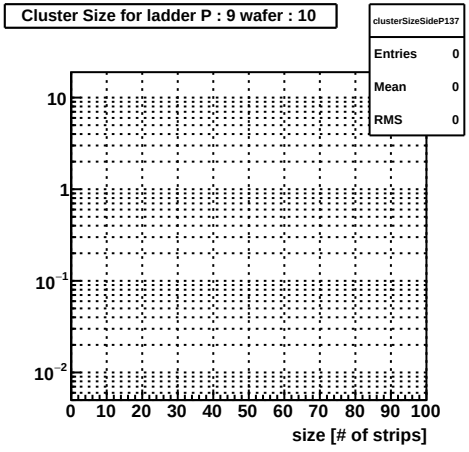

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 895
Mean 1.025
RMS 0.1619
size [# of strips]

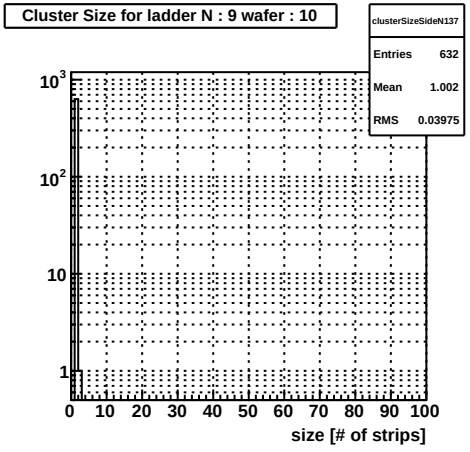

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 556
Mean 1.004
RMS 0.05987
size [# of strips]

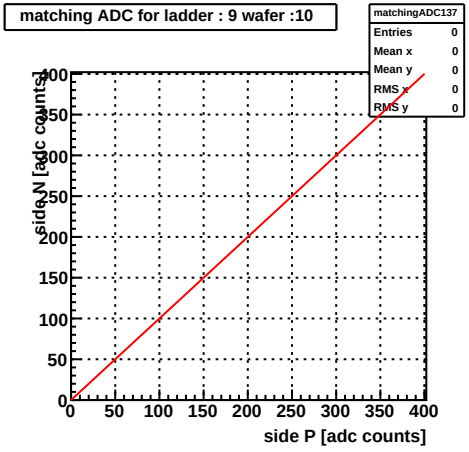

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1
Mean x 19
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

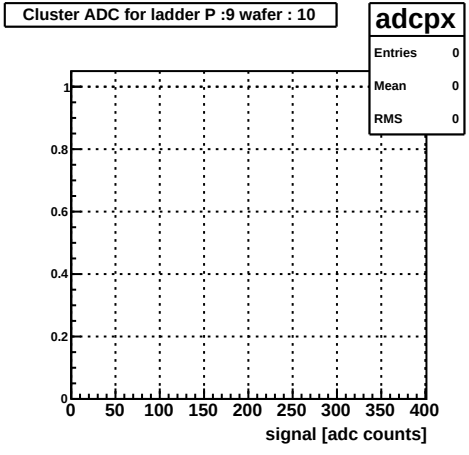

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 895
Mean 24.65
RMS 5.024
signal [adc counts]

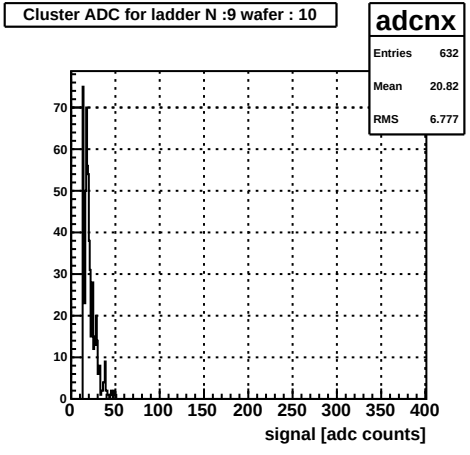

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 556
Mean 23.91
RMS 8.122
signal [adc counts]

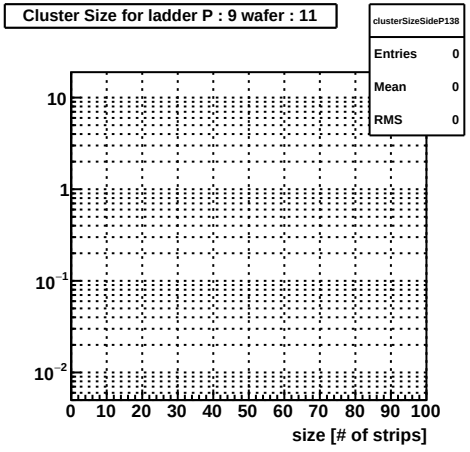

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

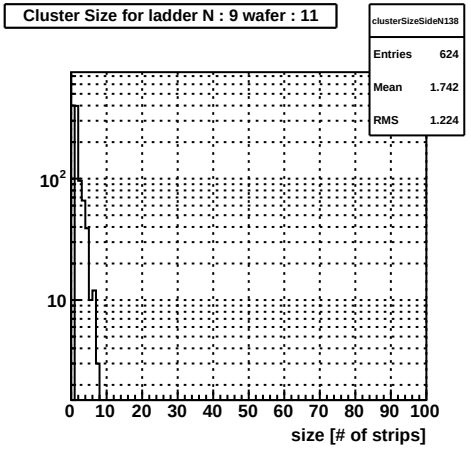

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 632
Mean 1.002
RMS 0.03975
size [# of strips]

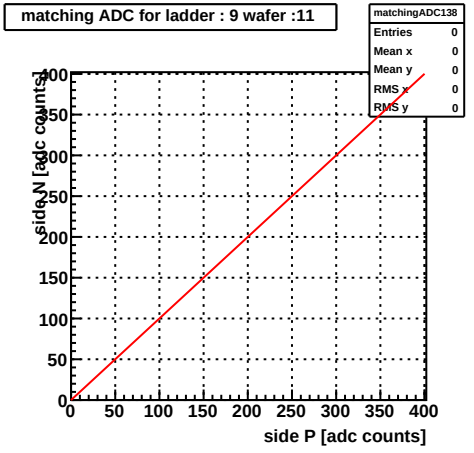

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

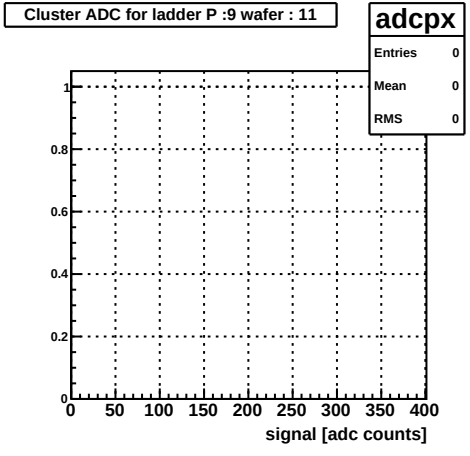

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

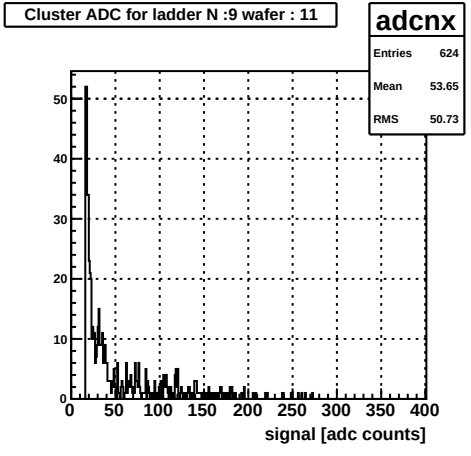

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 632
Mean 20.82
RMS 6.777
signal [adc counts]

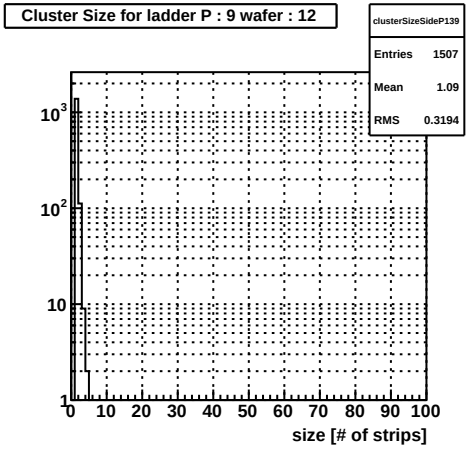

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

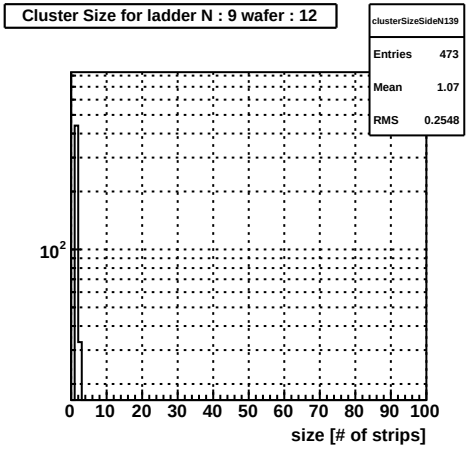

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 624
Mean 1.742
RMS 1.224
size [# of strips]

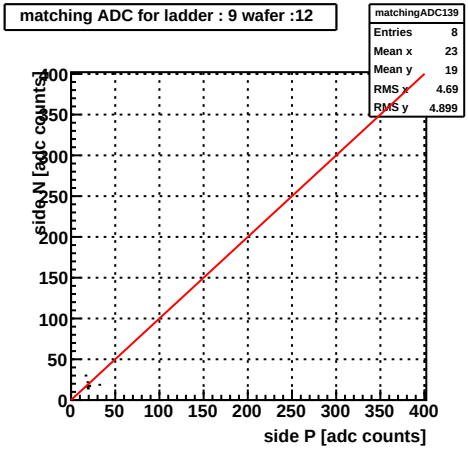

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

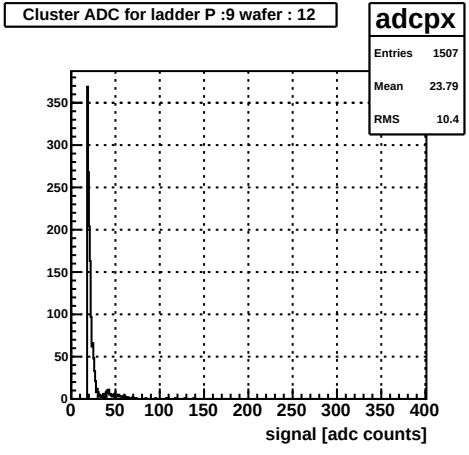

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

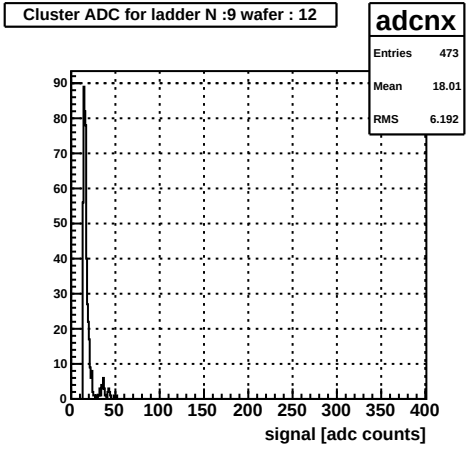

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 624
Mean 53.65
RMS 50.73
signal [adc counts]

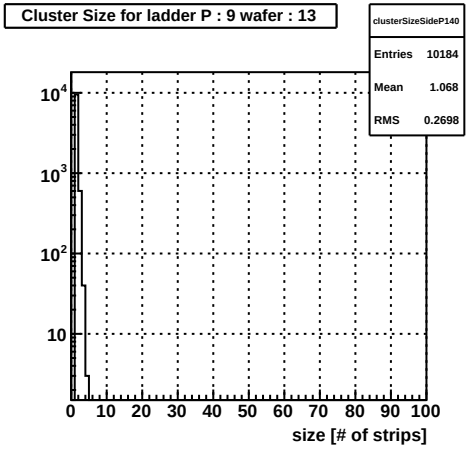

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1507
Mean 1.09
RMS 0.3194
size [# of strips]

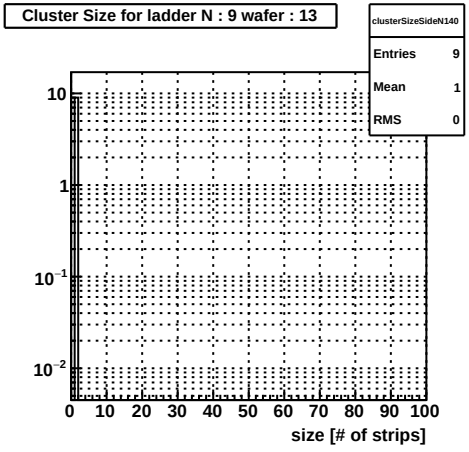

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 473
Mean 1.07
RMS 0.2548
size [# of strips]

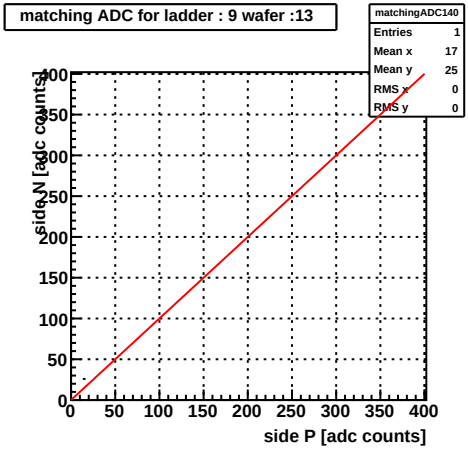

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 8
Mean x 23
Mean y 19
RMS x 4.69
RMS y 4.899
side N [adc counts]
side P [adc counts]

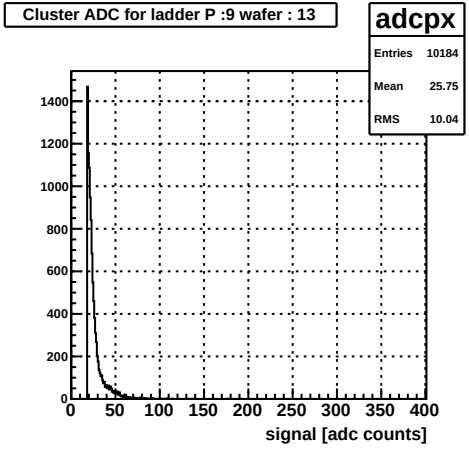

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1507
Mean 23.79
RMS 10.4
signal [adc counts]

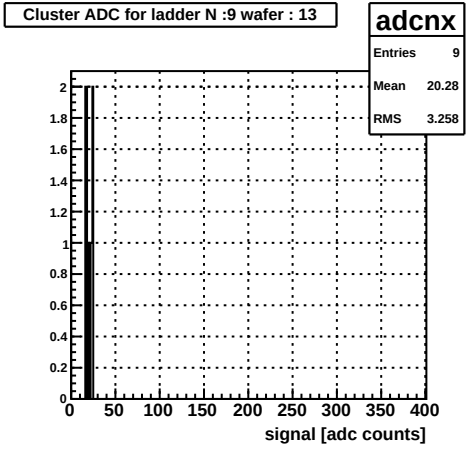

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 473
Mean 18.01
RMS 6.192
signal [adc counts]

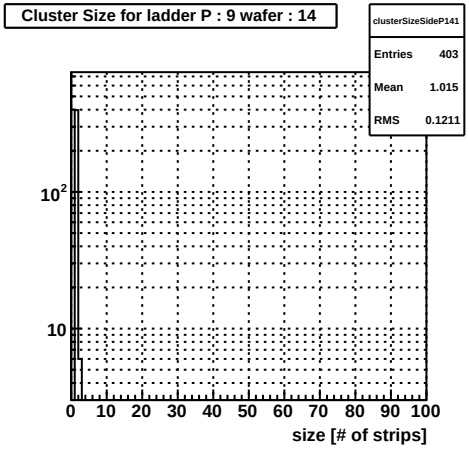

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 10184
Mean 1.068
RMS 0.2698
size [# of strips]

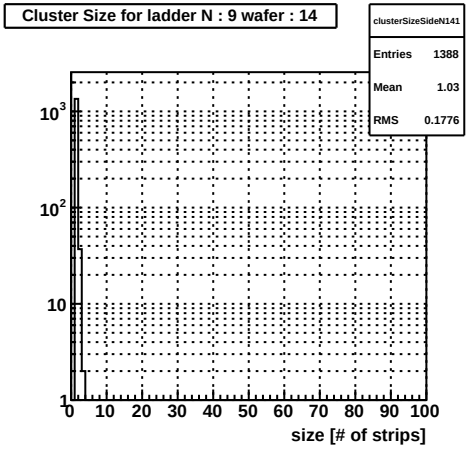

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 9
Mean 1
RMS 0
size [# of strips]

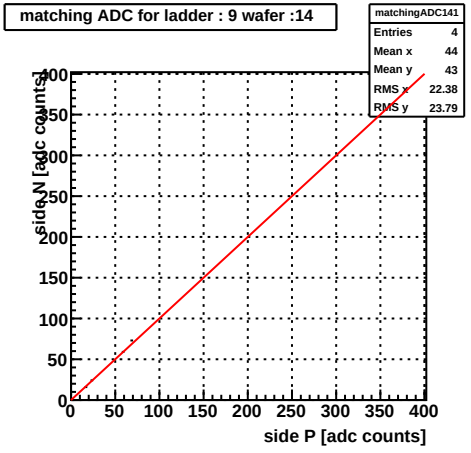

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1
Mean x 17
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

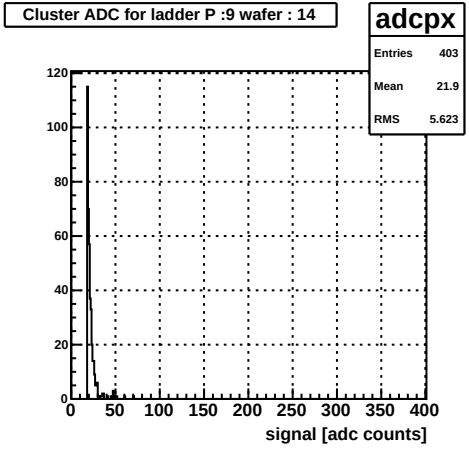

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 10184
Mean 25.75
RMS 10.04
signal [adc counts]

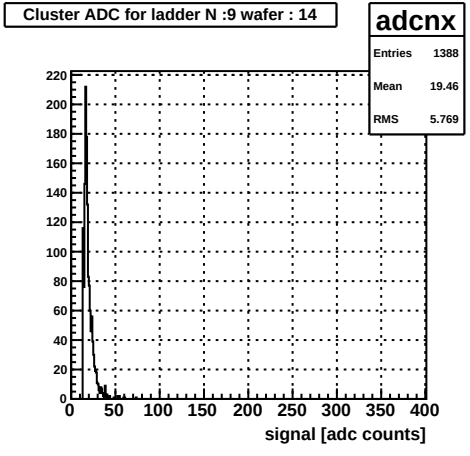

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 9
Mean 20.28
RMS 3.258
signal [adc counts]

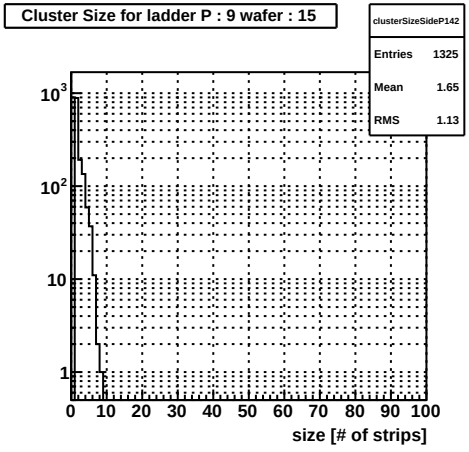

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 403
Mean 1.015
RMS 0.1211
size [# of strips]

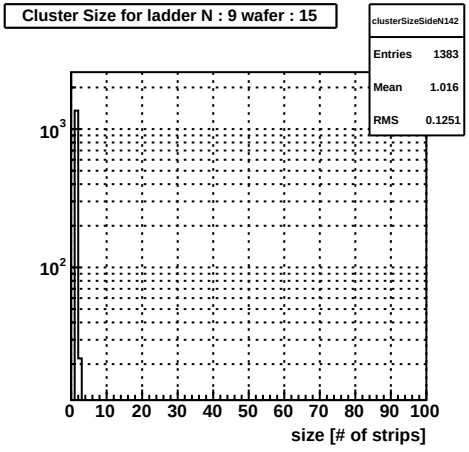

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 1388
Mean 1.03
RMS 0.1776
size [# of strips]

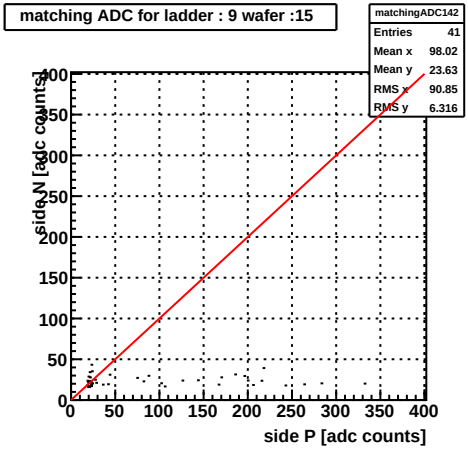

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4
Mean x 44
Mean y 43
RMS x 22.38
RMS y 23.79
side N [adc counts]
side P [adc counts]

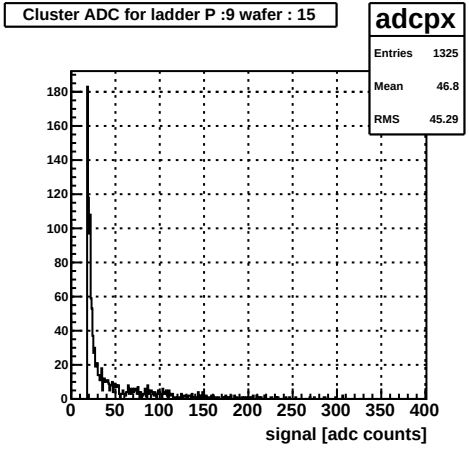

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 403
Mean 21.9
RMS 5.623
signal [adc counts]

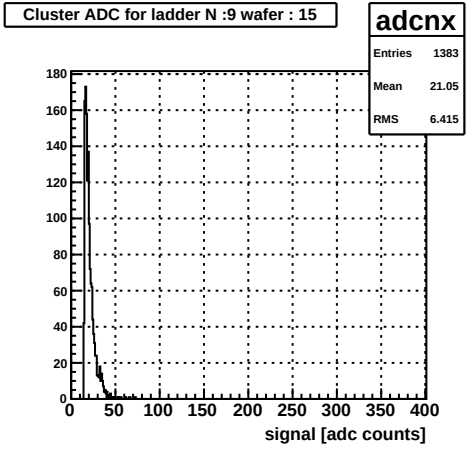

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 1388
Mean 19.46
RMS 5.769
signal [adc counts]

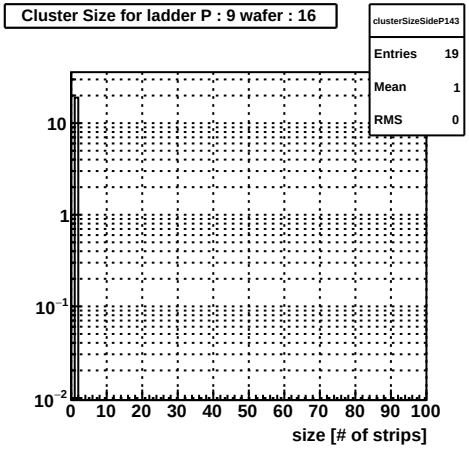

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1325
Mean 1.65
RMS 1.13
size [# of strips]

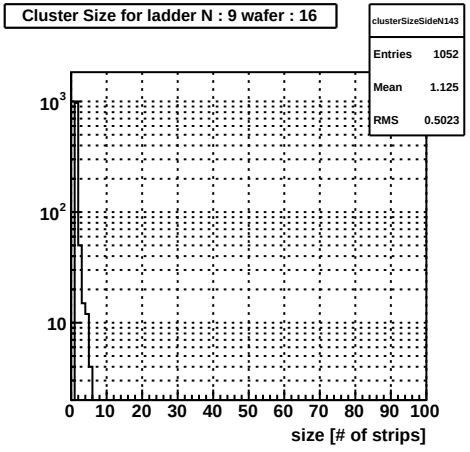

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1383
Mean 1.016
RMS 0.1251
size [# of strips]

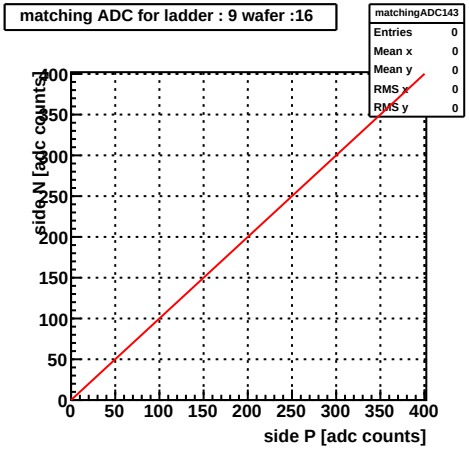

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 41
Mean x 98.02
Mean y 23.63
RMS x 90.85
RMS y 6.316
side N [adc counts]
side P [adc counts]

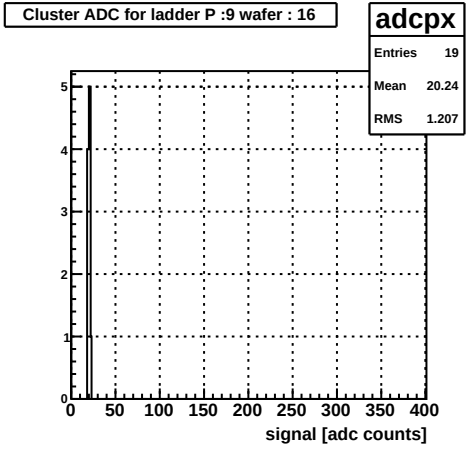

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1325
Mean 46.8
RMS 45.29
signal [adc counts]

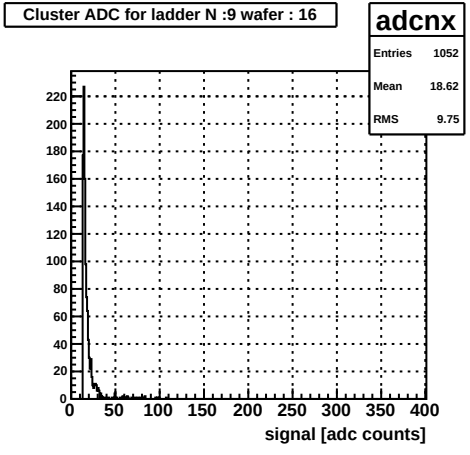

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1383
Mean 21.05
RMS 6.415
signal [adc counts]

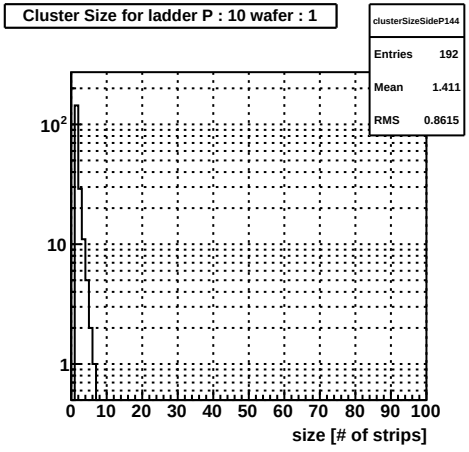

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 19
Mean 1
RMS 0
size [# of strips]

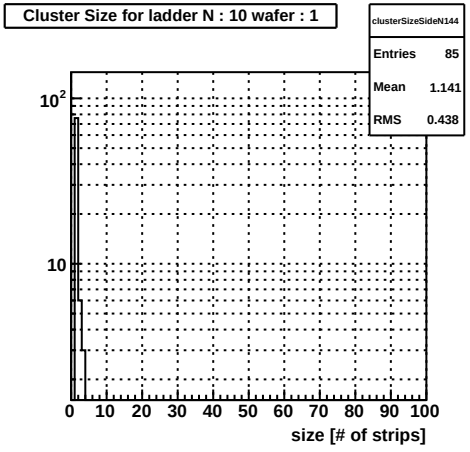

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1052
Mean 1.125
RMS 0.5023
size [# of strips]

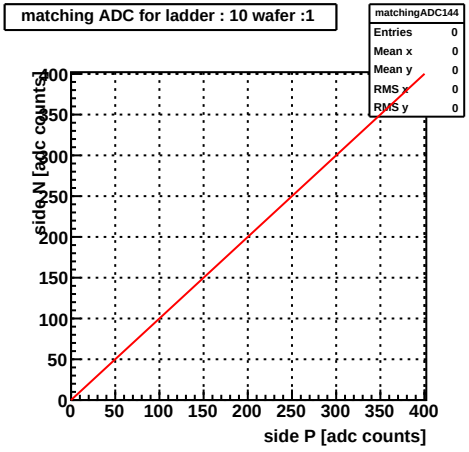

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

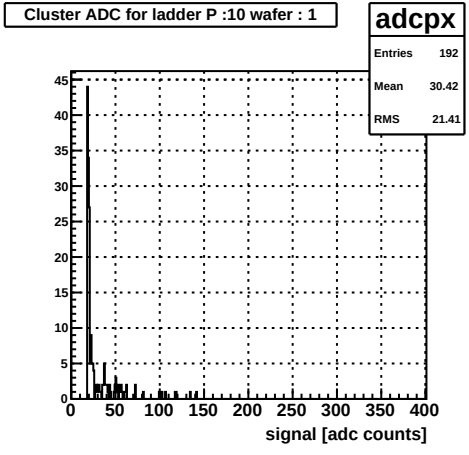

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 19
Mean 20.24
RMS 1.207
signal [adc counts]

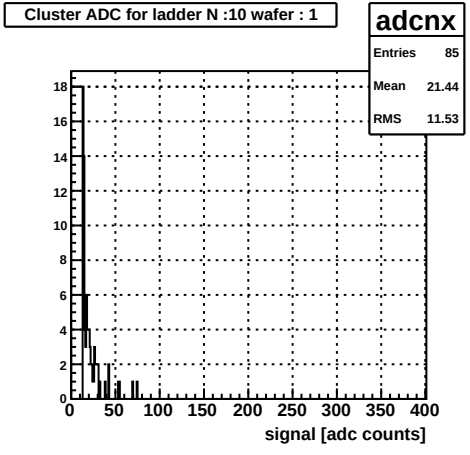

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1052
Mean 18.62
RMS 9.75
signal [adc counts]

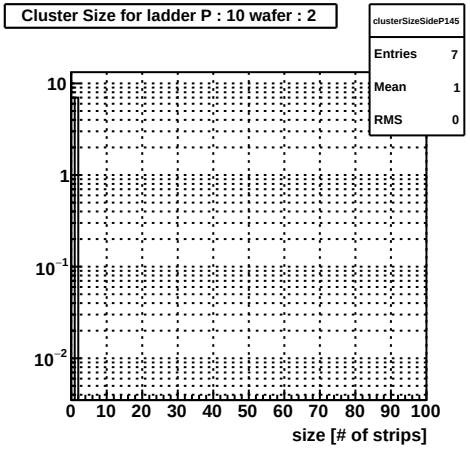

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 192
Mean 1.411
RMS 0.8615
size [# of strips]

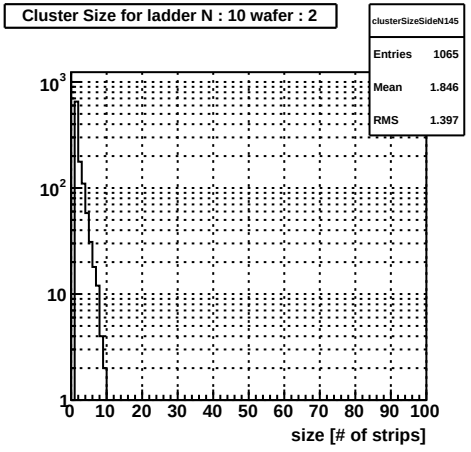

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 85
Mean 1.141
RMS 0.438
size [# of strips]

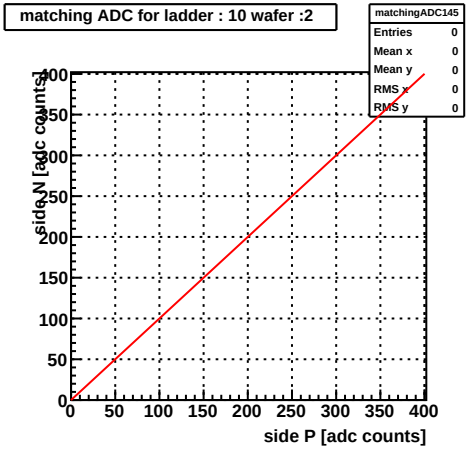

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

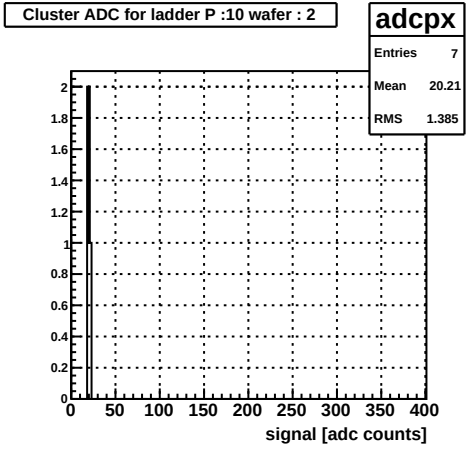

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 192
Mean 30.42
RMS 21.41
signal [adc counts]

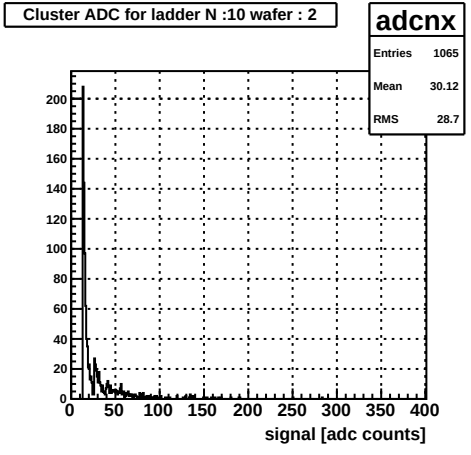

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 85
Mean 21.44
RMS 11.53
signal [adc counts]

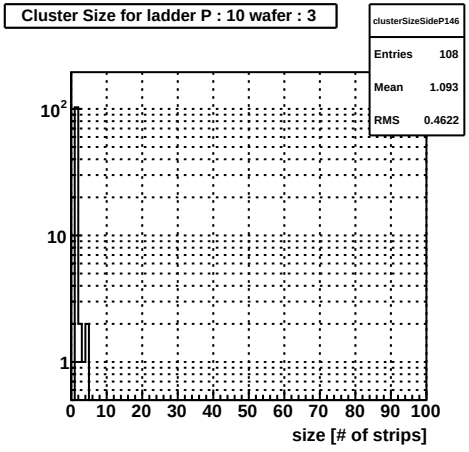

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 7
Mean 1
RMS 0
size [# of strips]

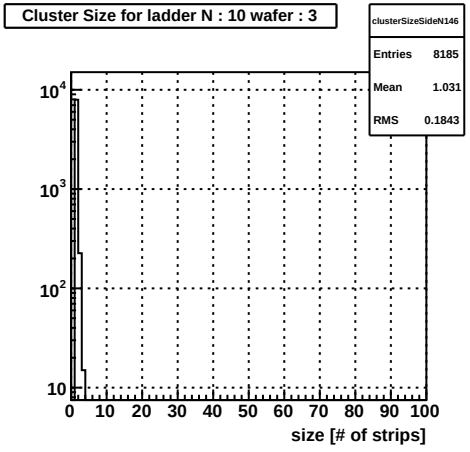

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1065
Mean 1.846
RMS 1.397
size [# of strips]

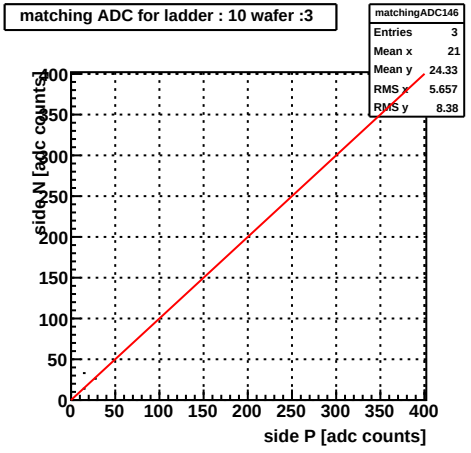

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

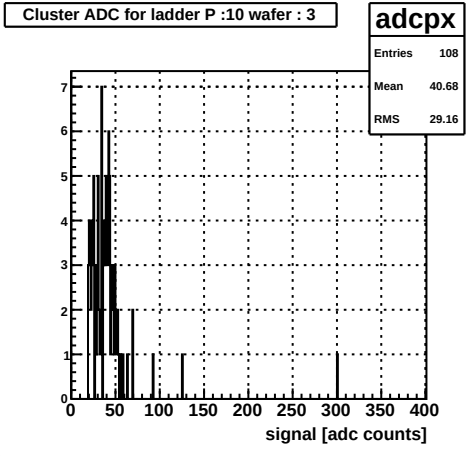

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 7
Mean 20.21
RMS 1.385
signal [adc counts]

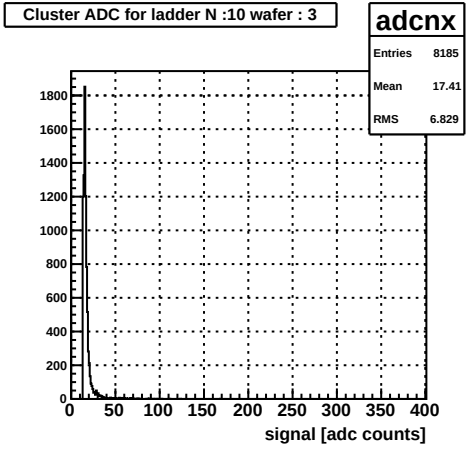

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1065
Mean 30.12
RMS 28.7
signal [adc counts]

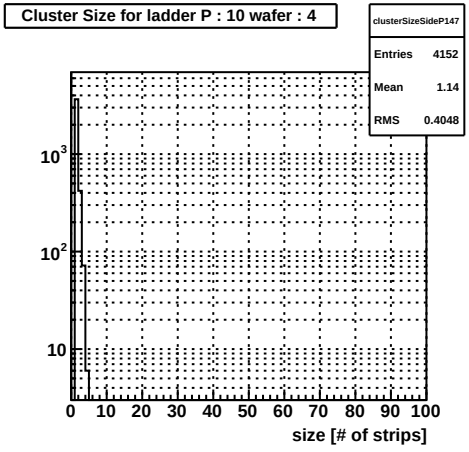

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 108
Mean 1.093
RMS 0.4622
size [# of strips]

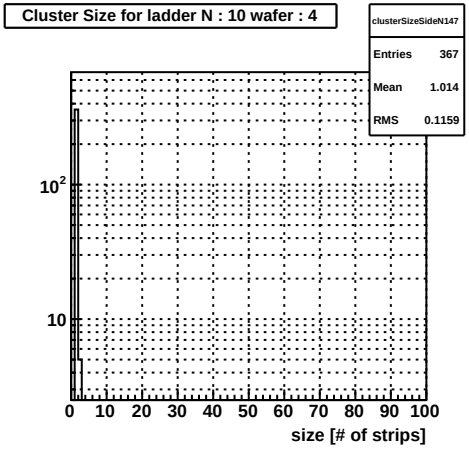

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 8185
Mean 1.031
RMS 0.1843
size [# of strips]

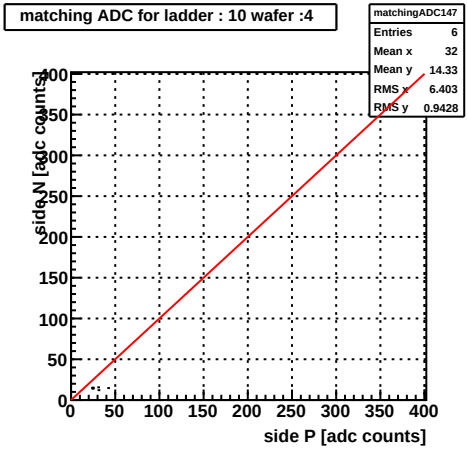

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 21
Mean y 24.33
RMS x 5.657
RMS y 8.38
side N [adc counts]
side P [adc counts]

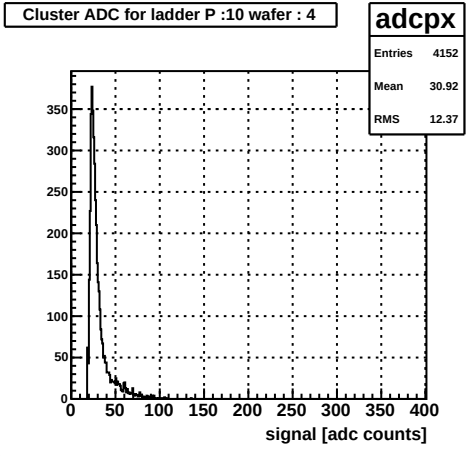

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 108
Mean 40.68
RMS 29.16
signal [adc counts]

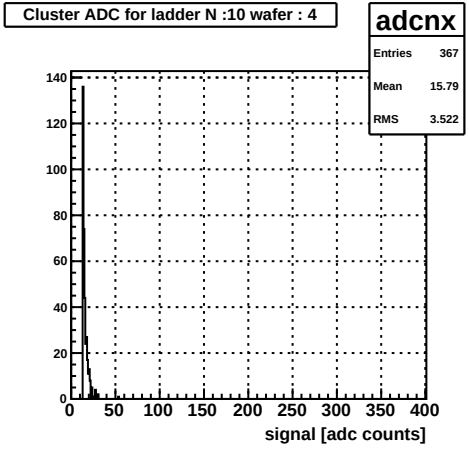

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 8185
Mean 17.41
RMS 6.829
signal [adc counts]

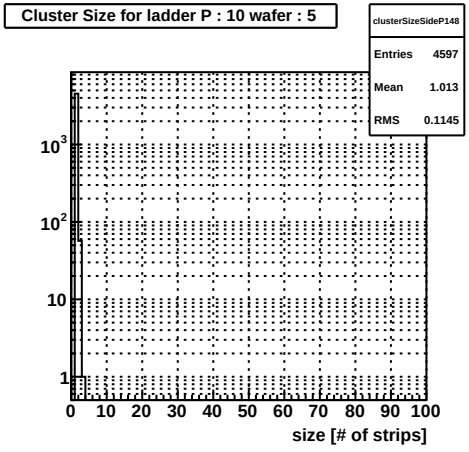

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4152
Mean 1.14
RMS 0.4048
size [# of strips]

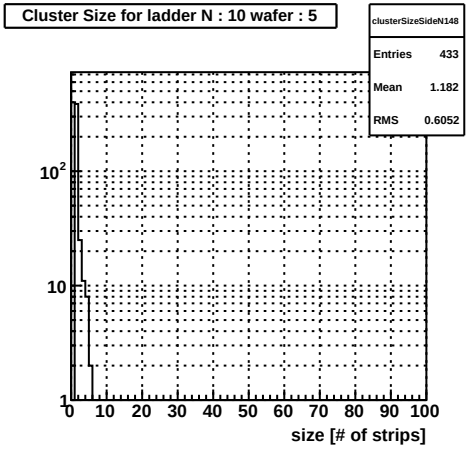

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 367
Mean 1.014
RMS 0.1159
size [# of strips]

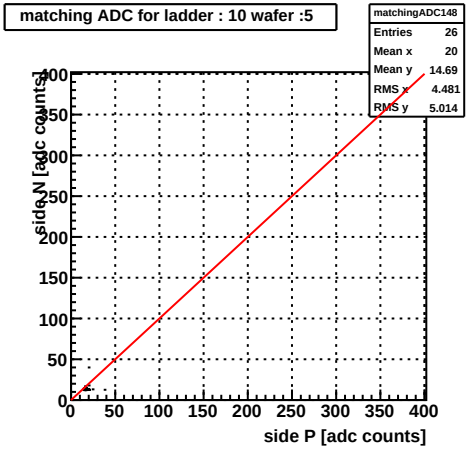

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 6
Mean x 32
Mean y 14.33
RMS x 6.403
RMS y 0.9428
side N [adc counts]
side P [adc counts]

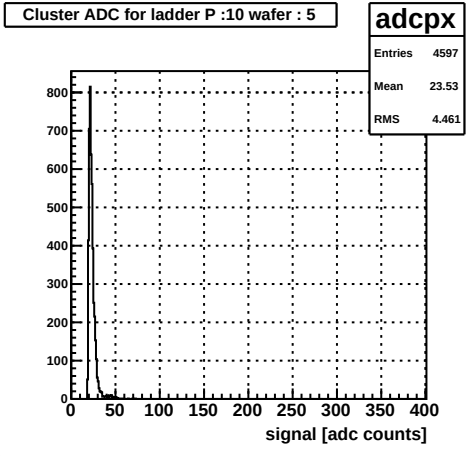

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4152
Mean 30.92
RMS 12.37
signal [adc counts]

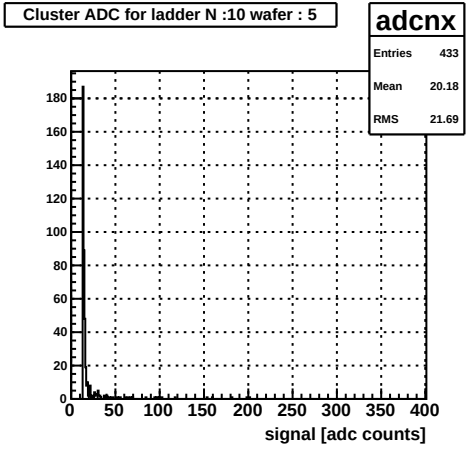

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 367
Mean 15.79
RMS 3.522
signal [adc counts]

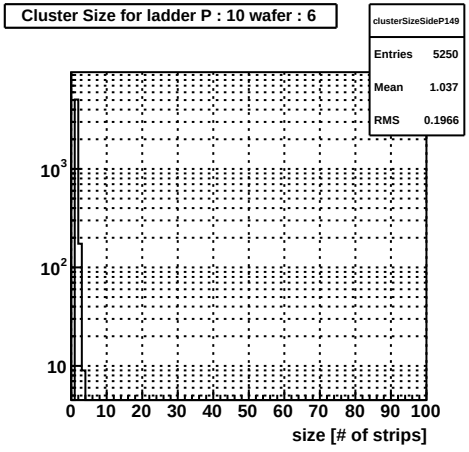

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 4597
Mean 1.013
RMS 0.1145
size [# of strips]

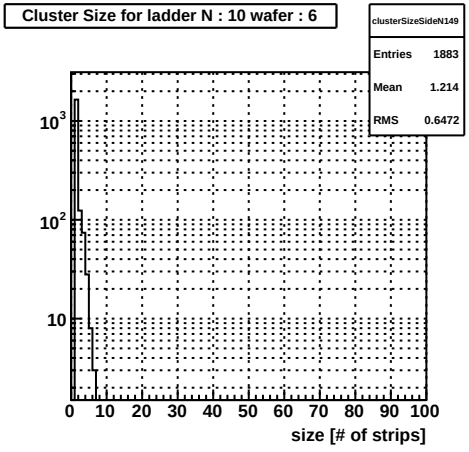

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 433
Mean 1.182
RMS 0.6052
size [# of strips]

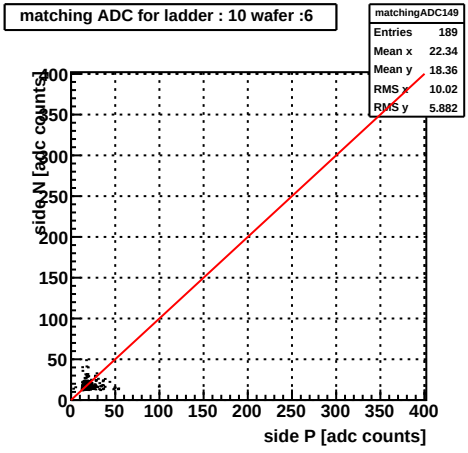

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 26
Mean x 20
Mean y 14.69
RMS x 4.481
RMS y 5.014
side N [adc counts]
side P [adc counts]

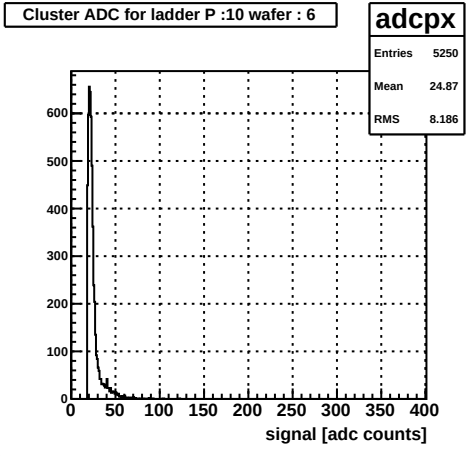

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 4597
Mean 23.53
RMS 4.461
signal [adc counts]

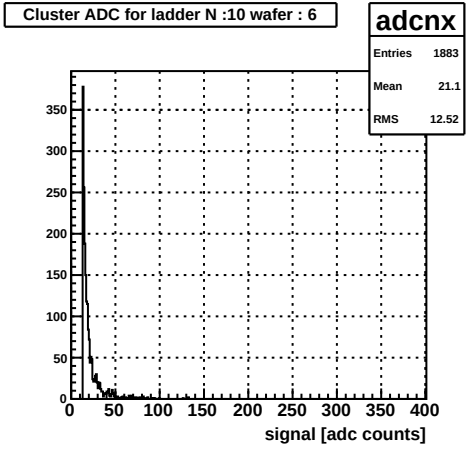

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 433
Mean 20.18
RMS 21.69
signal [adc counts]

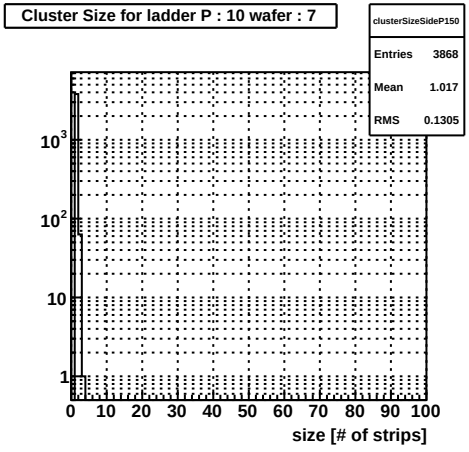

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 5250
Mean 1.037
RMS 0.1966
size [# of strips]

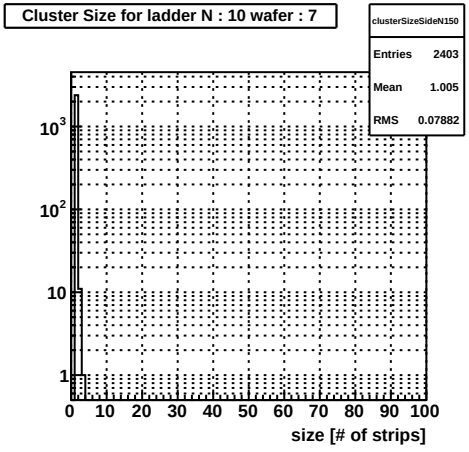

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 1883
Mean 1.214
RMS 0.6472
size [# of strips]

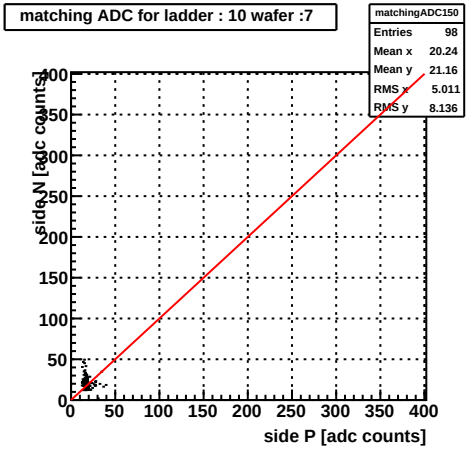

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 189
Mean x 22.34
Mean y 18.36
RMS x 10.02
RMS y 5.882
side N [adc counts]
side P [adc counts]

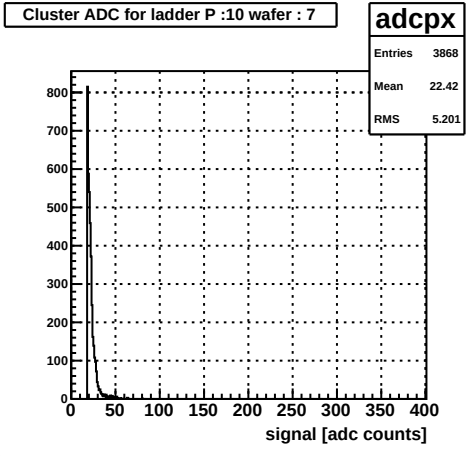

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 5250
Mean 24.87
RMS 8.186
signal [adc counts]

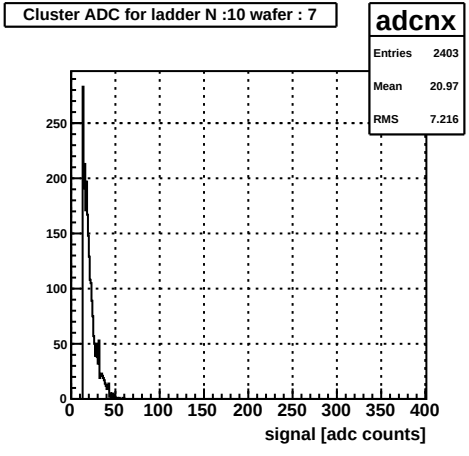

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 1883
Mean 21.1
RMS 12.52
signal [adc counts]

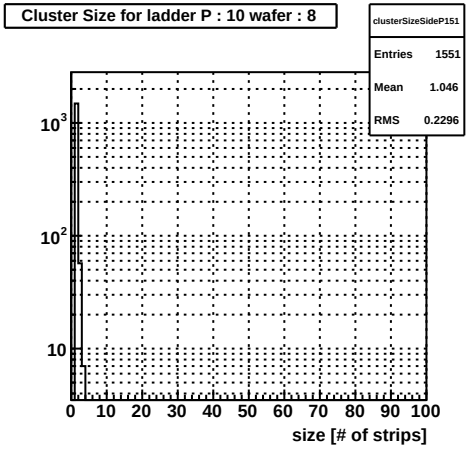

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3868
Mean 1.017
RMS 0.1305
size [# of strips]

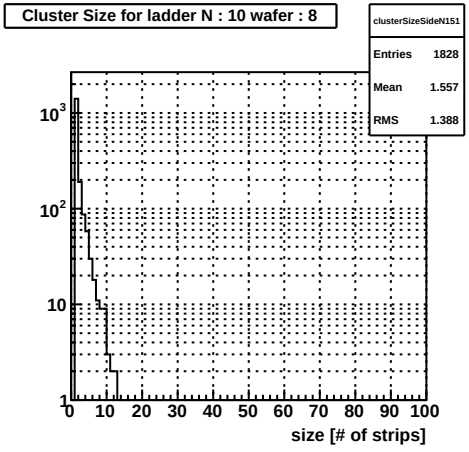

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2403
Mean 1.005
RMS 0.07882
size [# of strips]

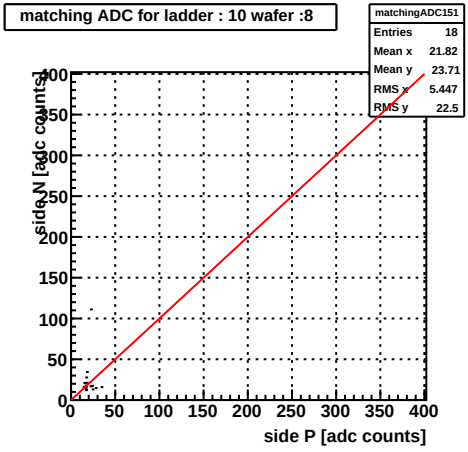

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 98
Mean x 20.24
Mean y 21.16
RMS x 5.011
RMS y 8.136
side N [adc counts]
side P [adc counts]

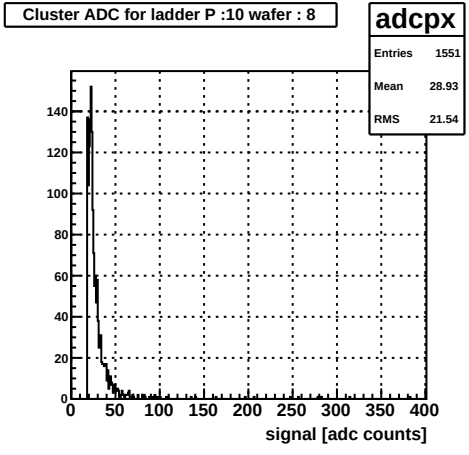

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3868
Mean 22.42
RMS 5.201
signal [adc counts]

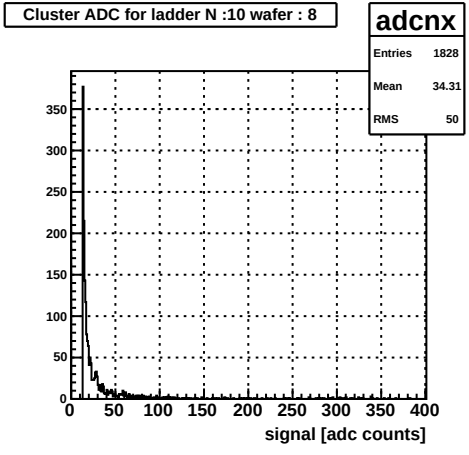

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2403
Mean 20.97
RMS 7.216
signal [adc counts]

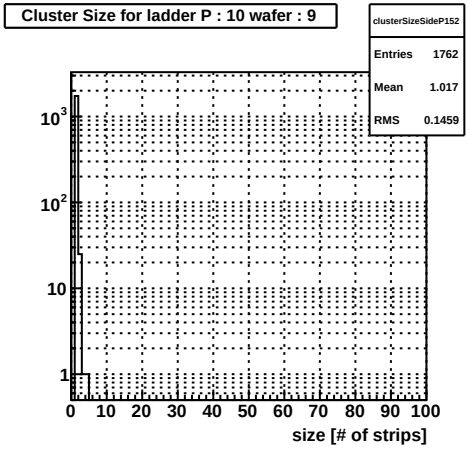

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1551
Mean 1.046
RMS 0.2296
size [# of strips]

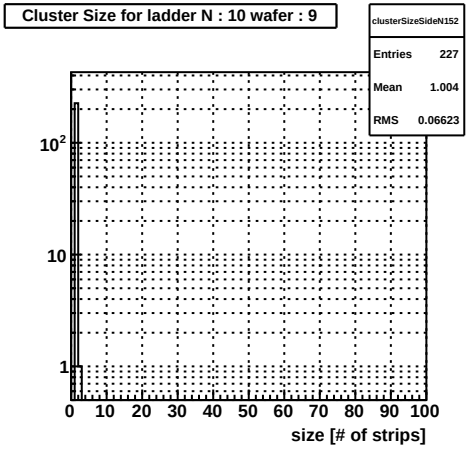

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1828
Mean 1.557
RMS 1.388
size [# of strips]

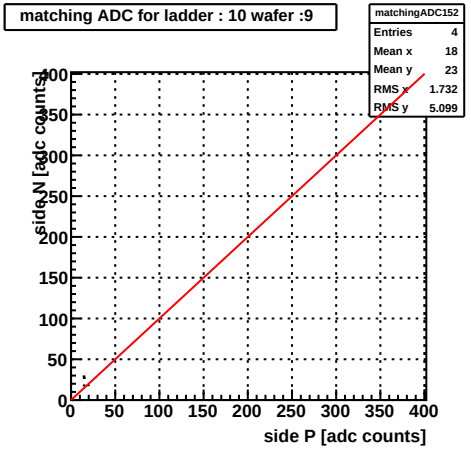

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 18
Mean x 21.82
Mean y 23.71
RMS x 5.447
RMS y 22.5
side N [adc counts]
side P [adc counts]

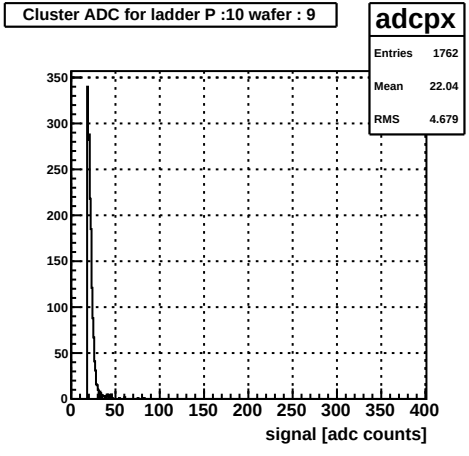

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1551
Mean 28.93
RMS 21.54
signal [adc counts]

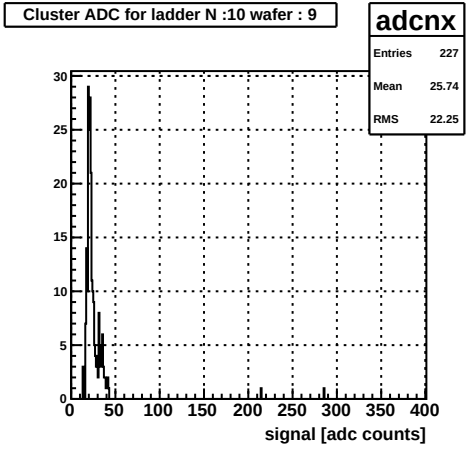

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1828
Mean 34.31
RMS 50
signal [adc counts]

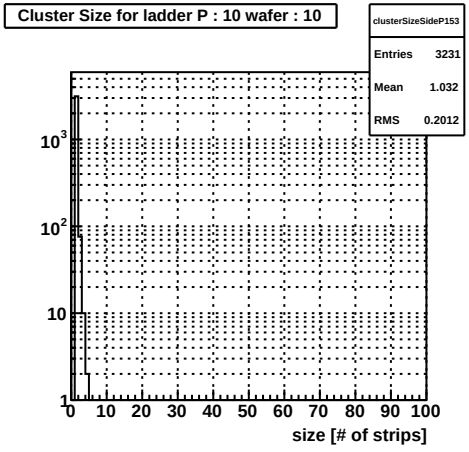

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1762
Mean 1.017
RMS 0.1459
size [# of strips]

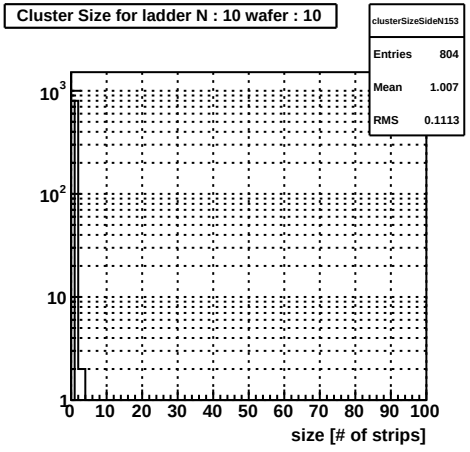

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 227
Mean 1.004
RMS 0.06623
size [# of strips]

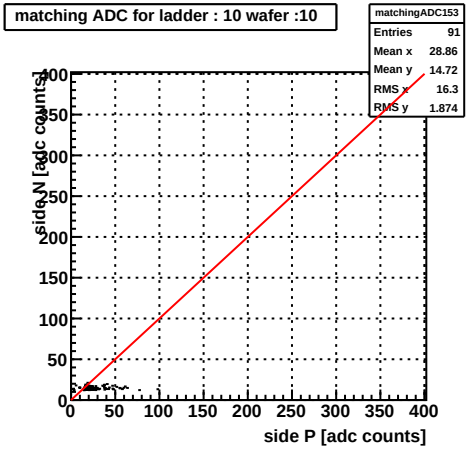

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 4
Mean x 18
Mean y 23
RMS x 1.732
RMS y 5.099
side N [adc counts]
side P [adc counts]

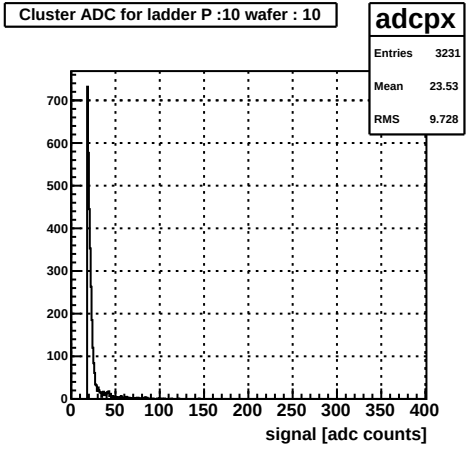

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1762
Mean 22.04
RMS 4.679
signal [adc counts]

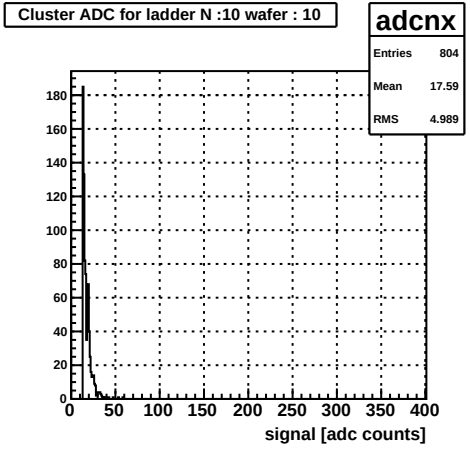

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 227
Mean 25.74
RMS 22.25
signal [adc counts]

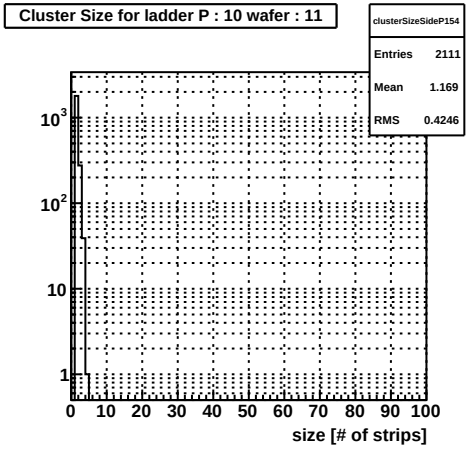

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3231
Mean 1.032
RMS 0.2012
size [# of strips]

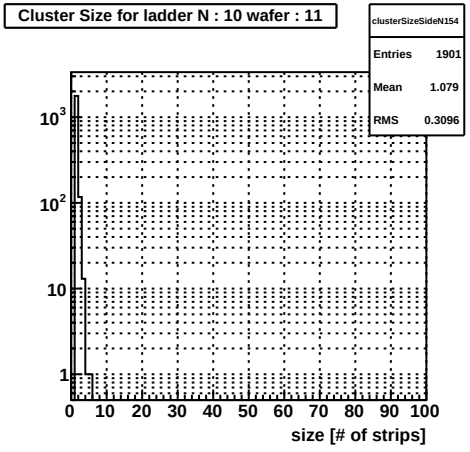

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 804
Mean 1.007
RMS 0.1113
size [# of strips]

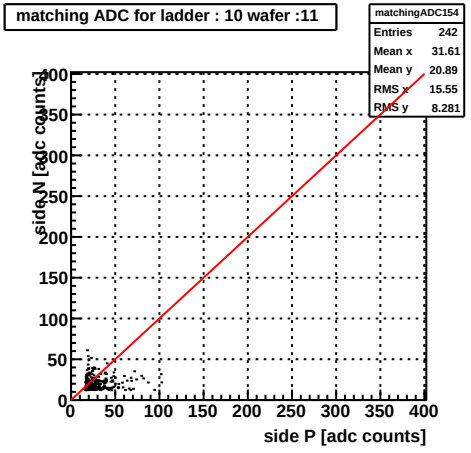

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 91
Mean x 28.86
Mean y 14.72
RMS x 16.3
RMS y 1.874
side N [adc counts]
side P [adc counts]

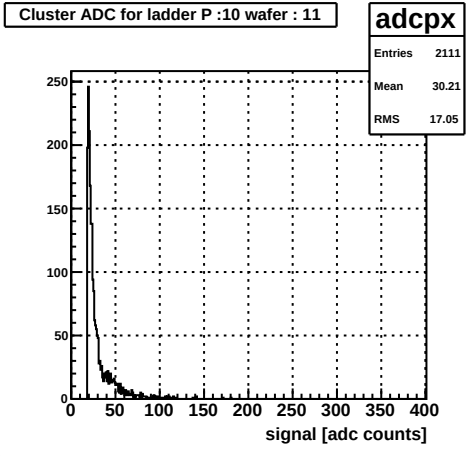

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3231
Mean 23.53
RMS 9.728
signal [adc counts]

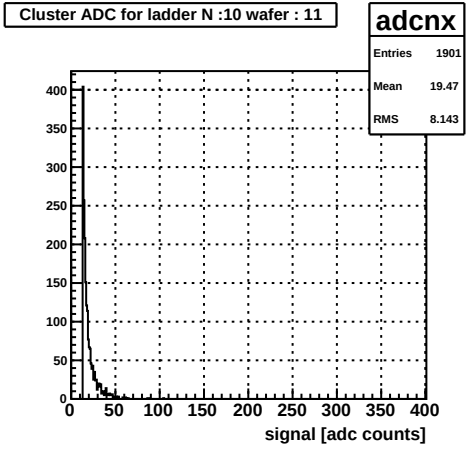

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 804
Mean 17.59
RMS 4.989
signal [adc counts]

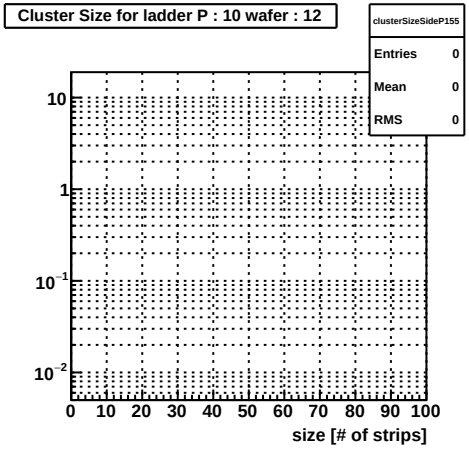

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2111
Mean 1.169
RMS 0.4246
size [# of strips]

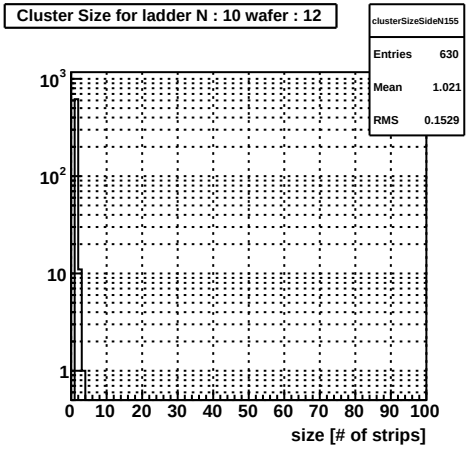

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 1901
Mean 1.079
RMS 0.3096
size [# of strips]

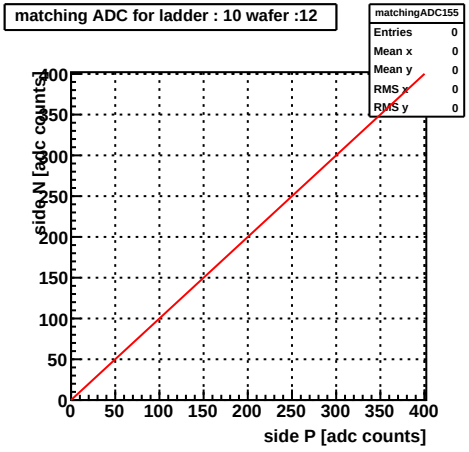

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 242
Mean x 31.61
Mean y 20.89
RMS x 15.55
RMS y 8.281
side N [adc counts]
side P [adc counts]

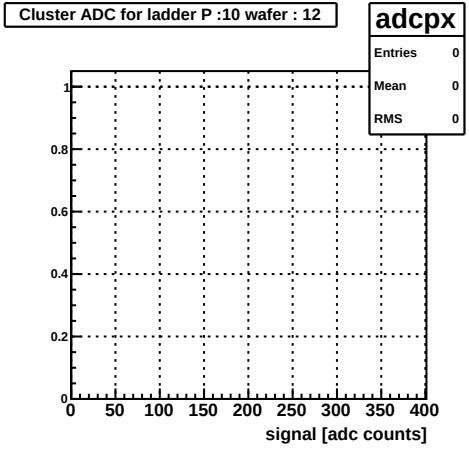

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2111
Mean 30.21
RMS 17.05
signal [adc counts]

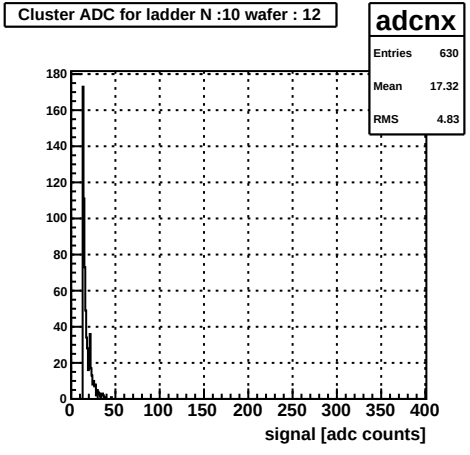

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 1901
Mean 19.47
RMS 8.143
signal [adc counts]

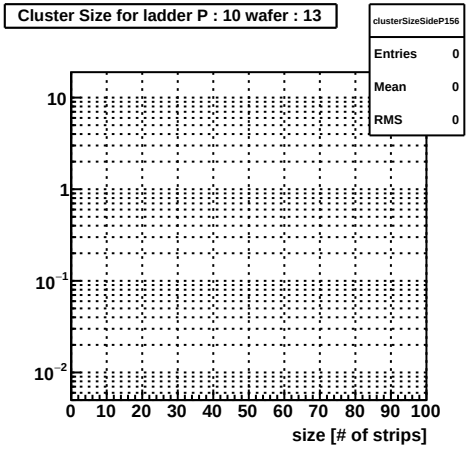

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

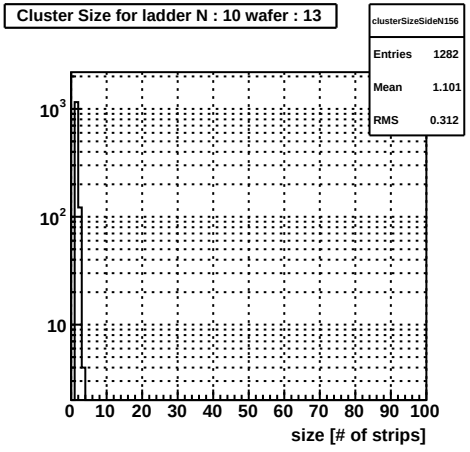

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 630
Mean 1.021
RMS 0.1529
size [# of strips]

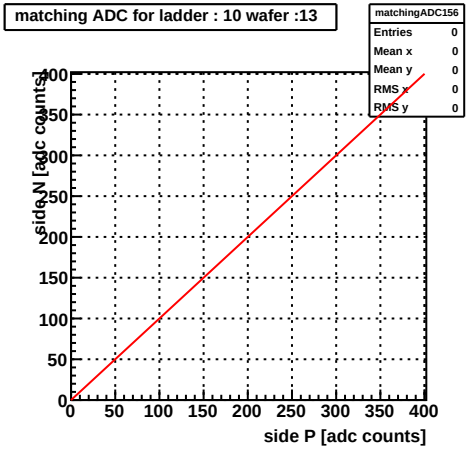

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

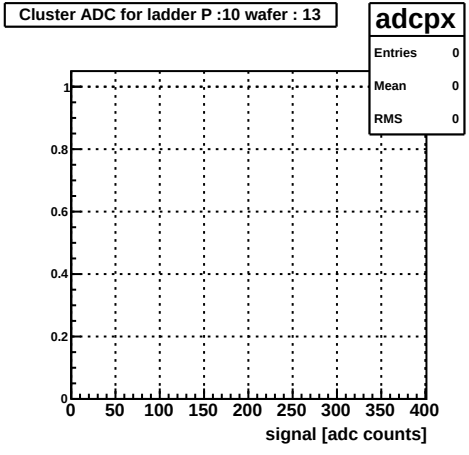

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

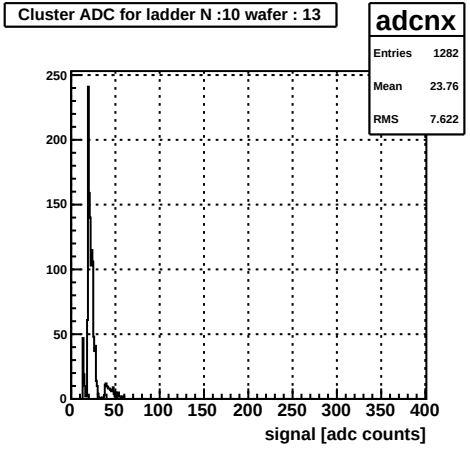

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 630
Mean 17.32
RMS 4.83
signal [adc counts]

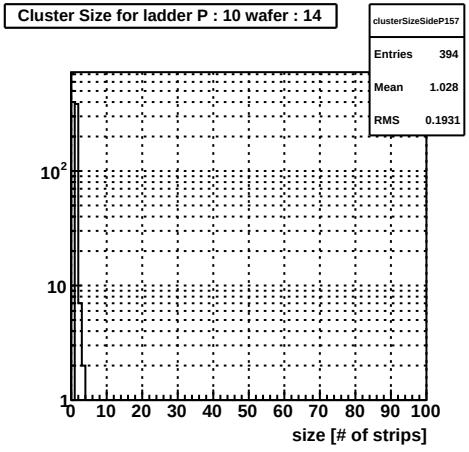

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

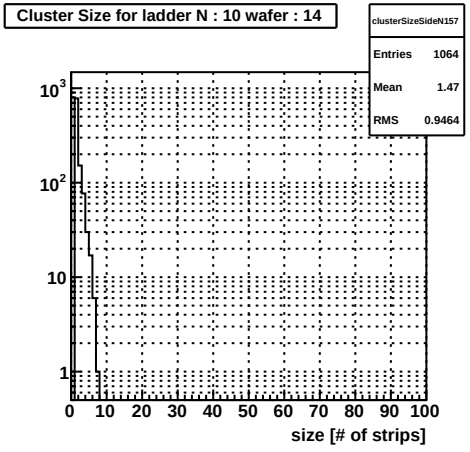

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1282
Mean 1.101
RMS 0.312
size [# of strips]

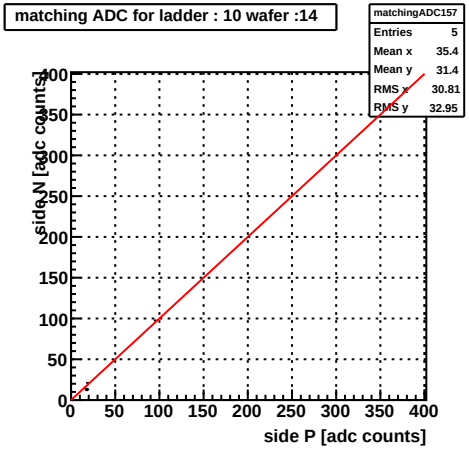

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

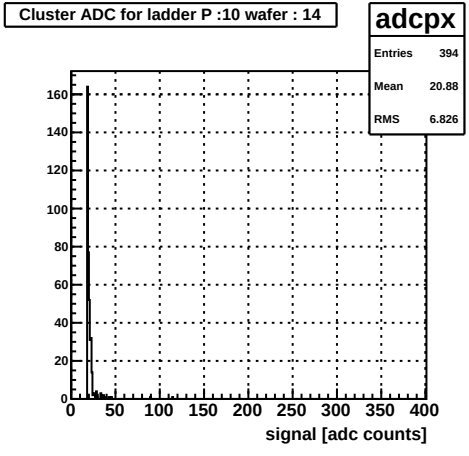

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

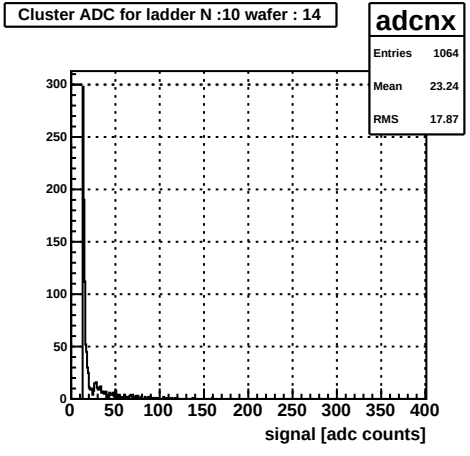

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1282
Mean 23.76
RMS 7.622
signal [adc counts]

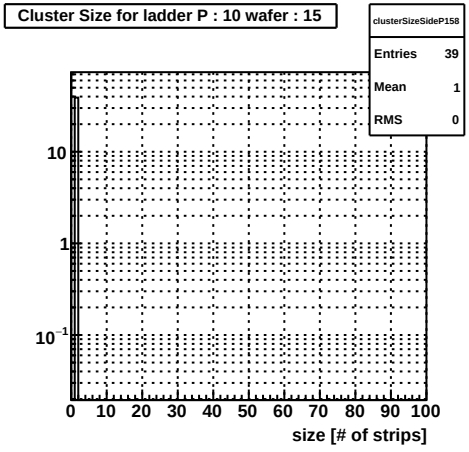

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 394
Mean 1.028
RMS 0.1931
size [# of strips]

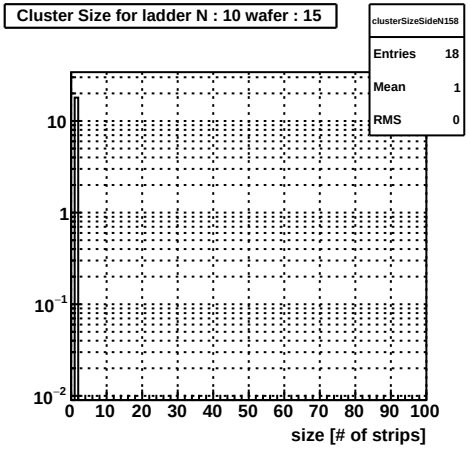

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1064
Mean 1.47
RMS 0.9464
size [# of strips]

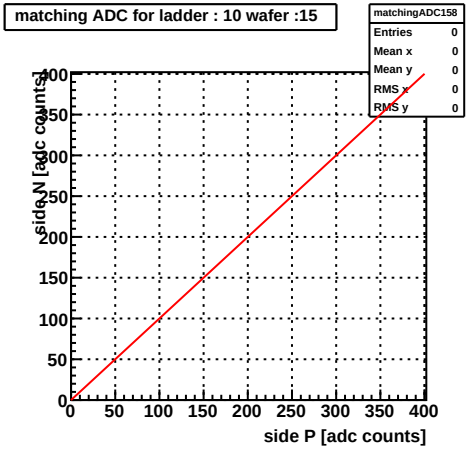

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 5
Mean x 35.4
Mean y 31.4
RMS x 30.81
RMS y 32.95
side N [adc counts]
side P [adc counts]

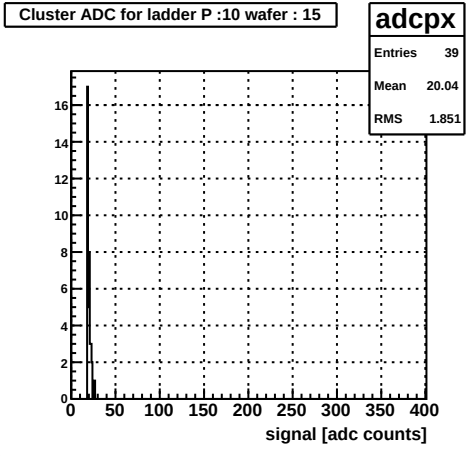

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 394
Mean 20.88
RMS 6.826
signal [adc counts]

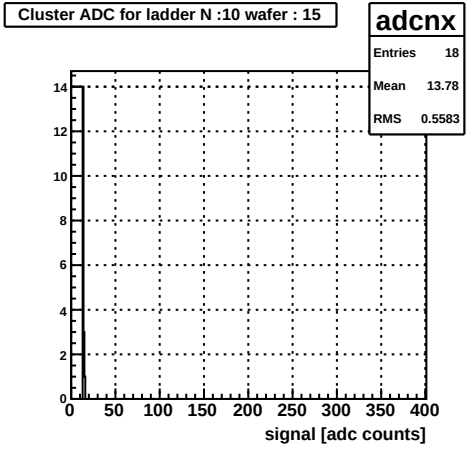

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1064
Mean 23.24
RMS 17.87
signal [adc counts]

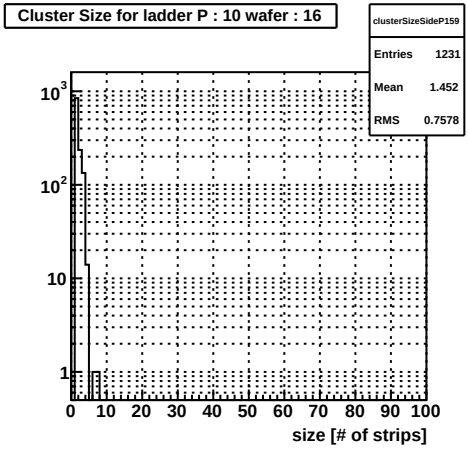

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 39
Mean 1
RMS 0
size [# of strips]

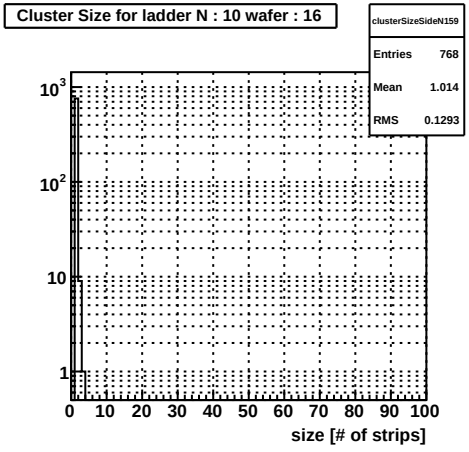

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 18
Mean 1
RMS 0
size [# of strips]

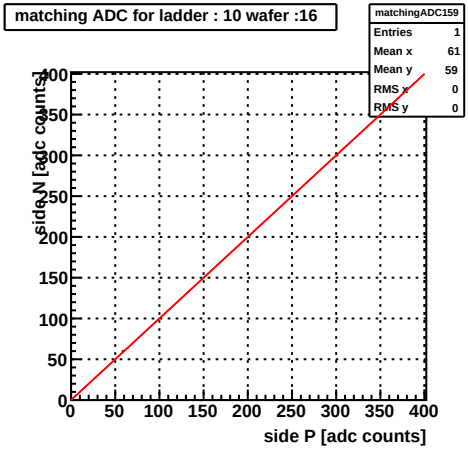

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

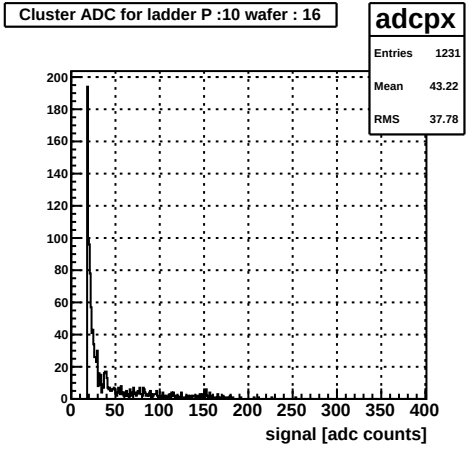

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 39
Mean 20.04
RMS 1.851
signal [adc counts]

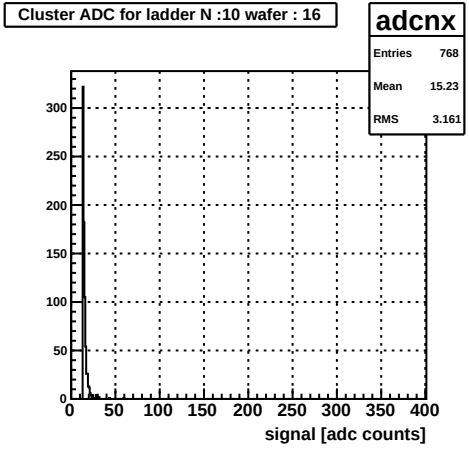

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 18
Mean 13.78
RMS 0.5583
signal [adc counts]

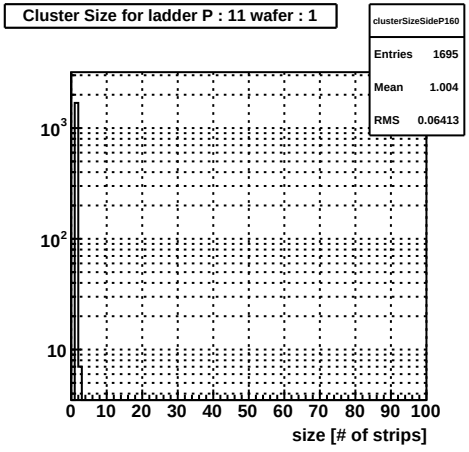

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1231
Mean 1.452
RMS 0.7578
size [# of strips]

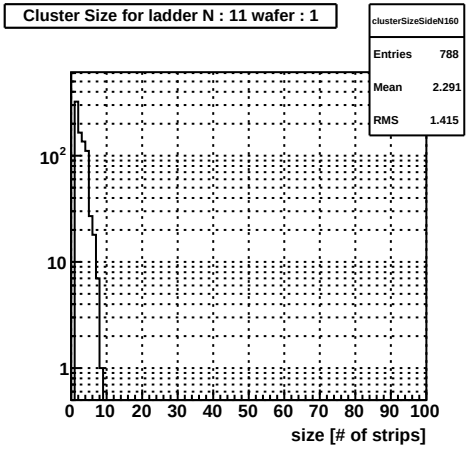

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 768
Mean 1.014
RMS 0.1293
size [# of strips]

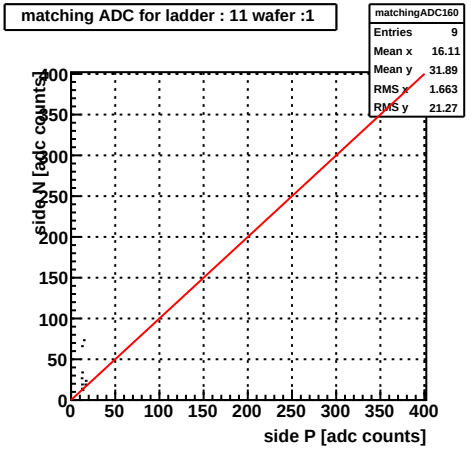

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1
Mean x 61
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

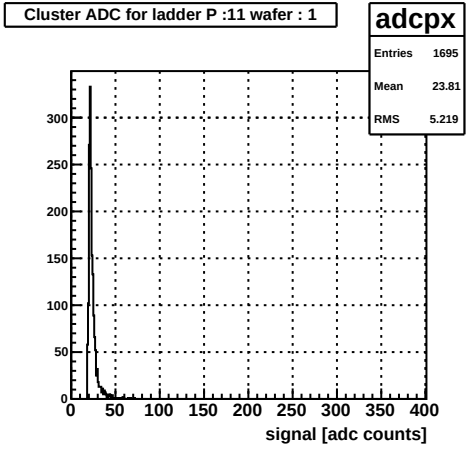

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1231
Mean 43.22
RMS 37.78
signal [adc counts]

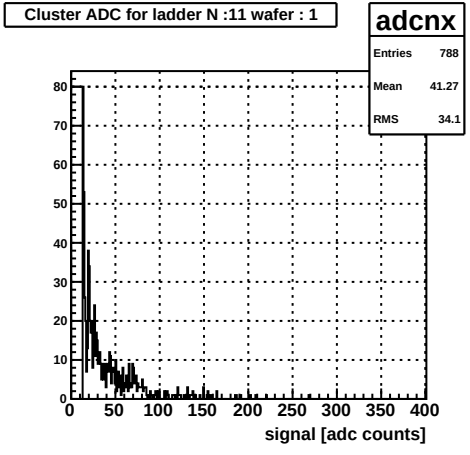

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 768
Mean 15.23
RMS 3.161
signal [adc counts]

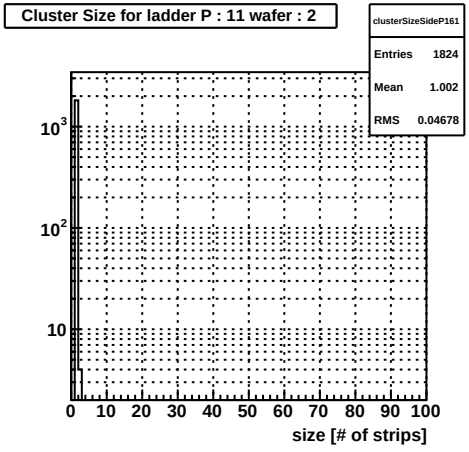

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1695
Mean 1.004
RMS 0.06413
size [# of strips]

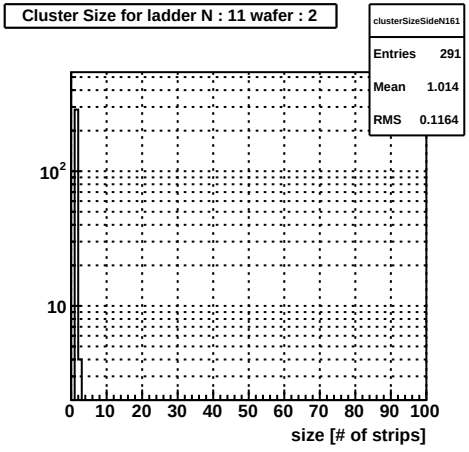

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 788
Mean 2.291
RMS 1.415
size [# of strips]

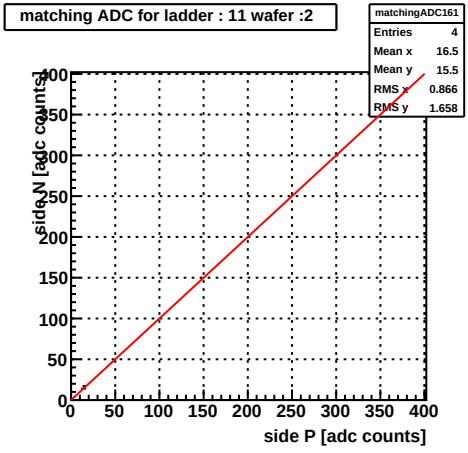

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 9
Mean x 16.11
Mean y 31.89
RMS x 1.663
RMS y 21.27
side N [adc counts]
side P [adc counts]

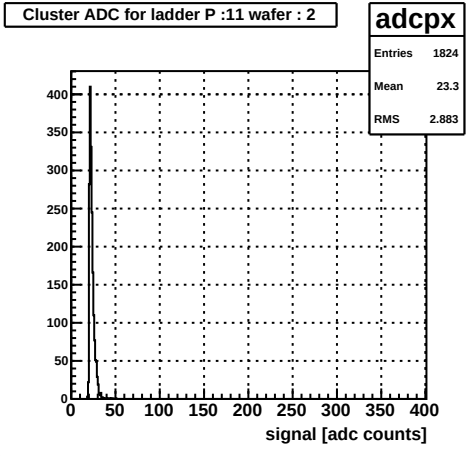

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1695
Mean 23.81
RMS 5.219
signal [adc counts]

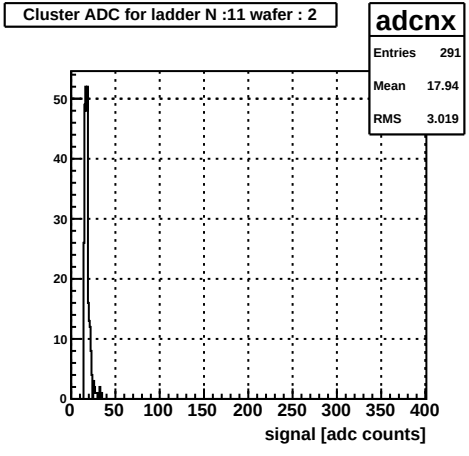

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 788
Mean 41.27
RMS 34.1
signal [adc counts]

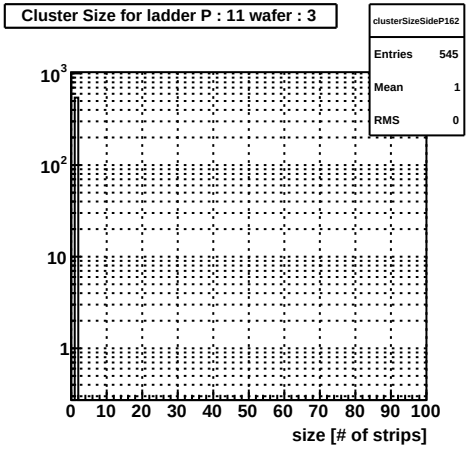

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1824
Mean 1.002
RMS 0.04678
size [# of strips]

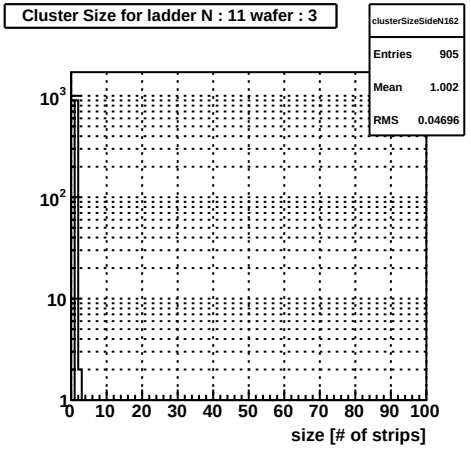

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 291
Mean 1.014
RMS 0.1164
size [# of strips]

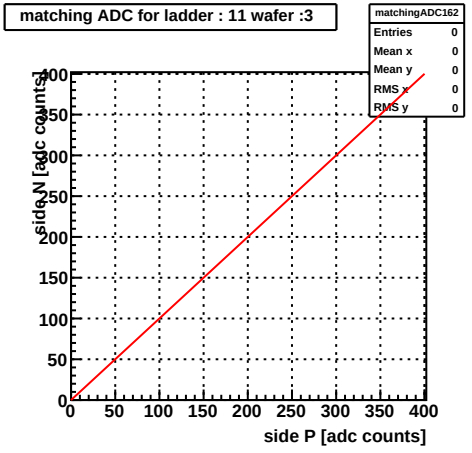

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 4
Mean x 16.5
Mean y 15.5
RMS x 0.866
RMS y 1.658
side N [adc counts]
side P [adc counts]

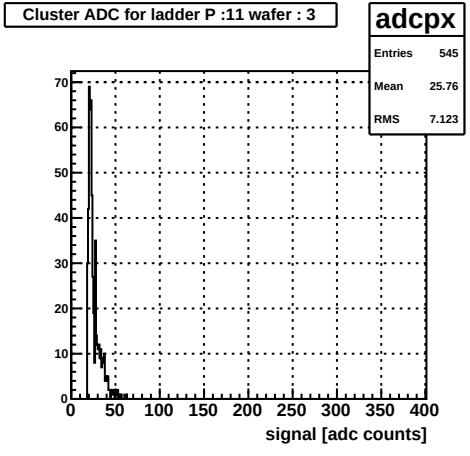

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1824
Mean 23.3
RMS 2.883
signal [adc counts]

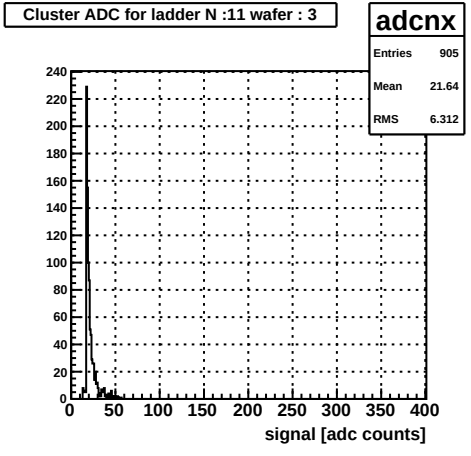

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 291
Mean 17.94
RMS 3.019
signal [adc counts]

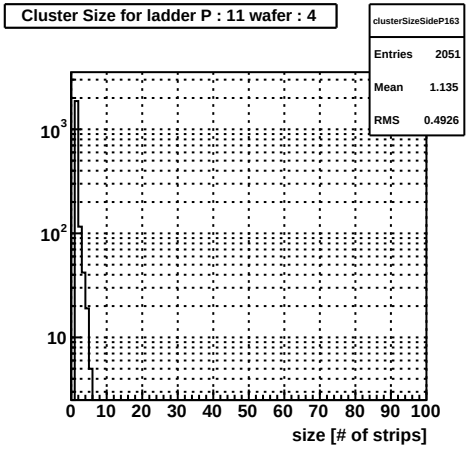

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 545
Mean 1
RMS 0
size [# of strips]

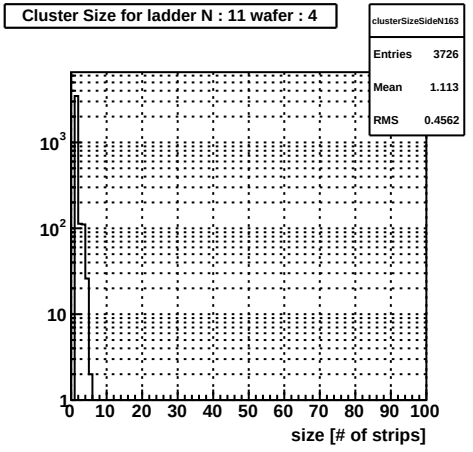

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 905
Mean 1.002
RMS 0.04696
size [# of strips]

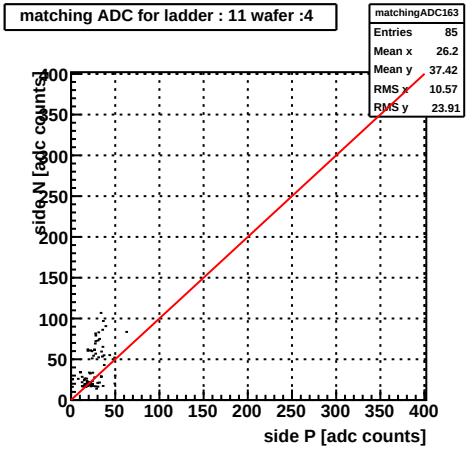

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

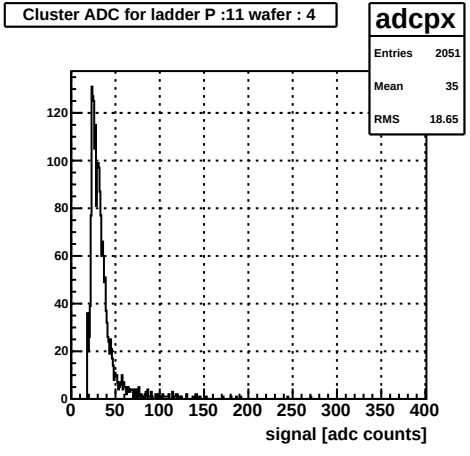

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 545
Mean 25.76
RMS 7.123
signal [adc counts]

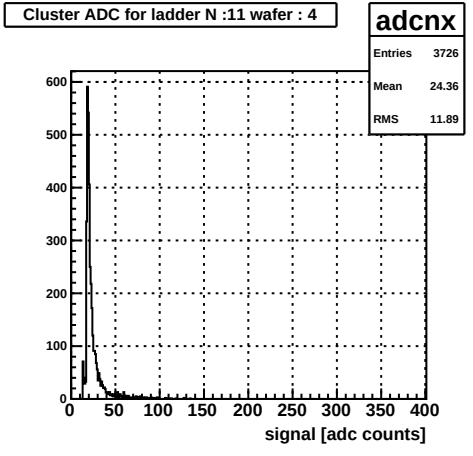

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 905
Mean 21.64
RMS 6.312
signal [adc counts]

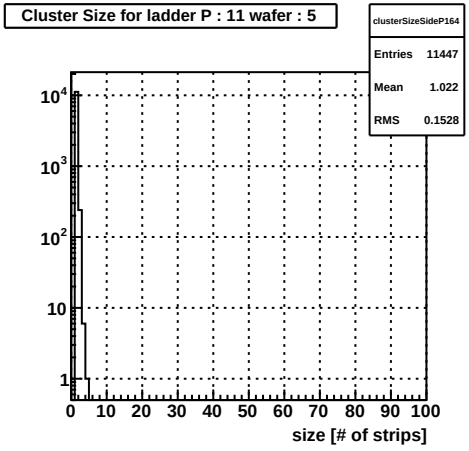

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2051
Mean 1.135
RMS 0.4926
size [# of strips]

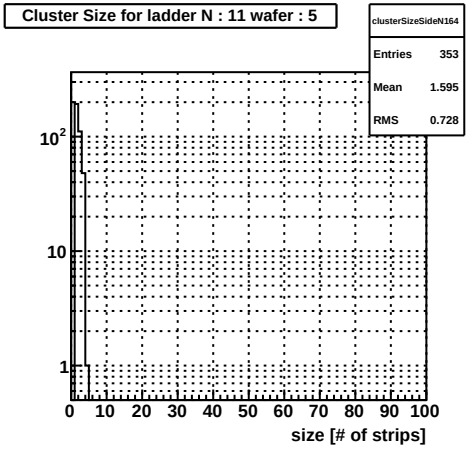

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3726
Mean 1.113
RMS 0.4562
size [# of strips]

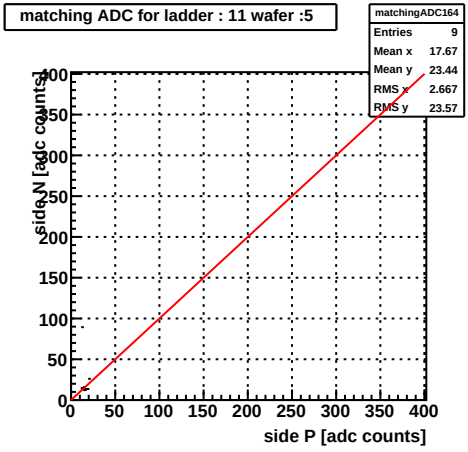

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 85
Mean x 26.2
Mean y 37.42
RMS x 10.57
RMS y 23.91
side N [adc counts]
side P [adc counts]

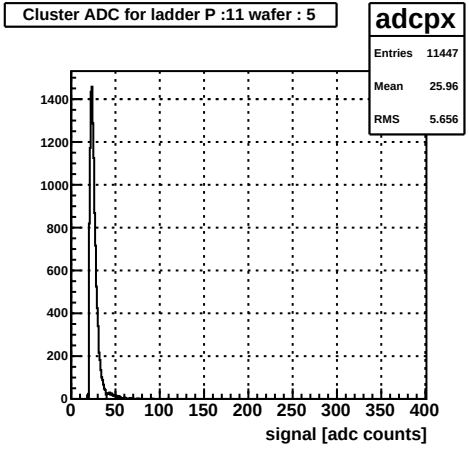

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2051
Mean 35
RMS 18.65
signal [adc counts]

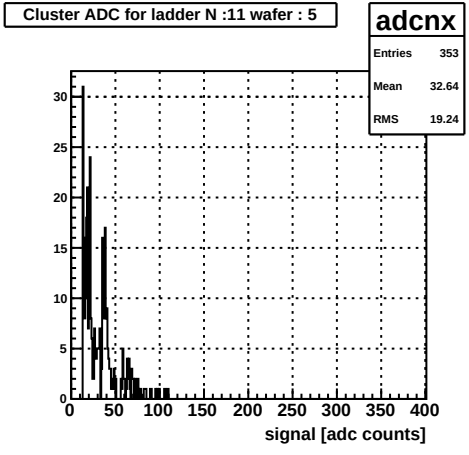

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3726
Mean 24.36
RMS 11.89
signal [adc counts]

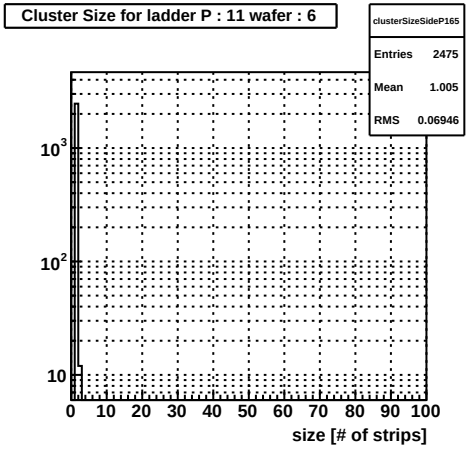

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11447
Mean 1.022
RMS 0.1528
size [# of strips]

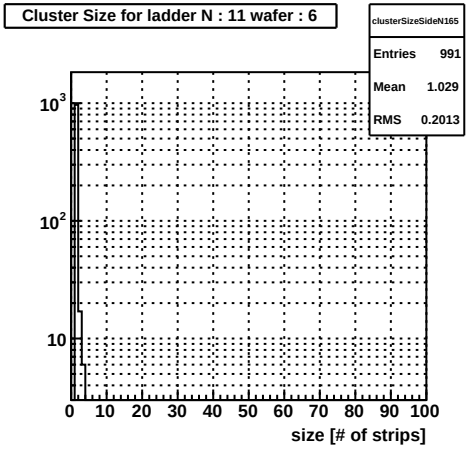

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 353
Mean 1.595
RMS 0.728
size [# of strips]

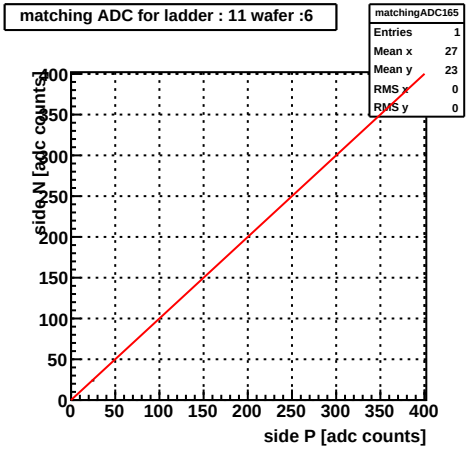

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 9
Mean x 17.67
Mean y 23.44
RMS x 2.667
RMS y 23.57
side N [adc counts]
side P [adc counts]

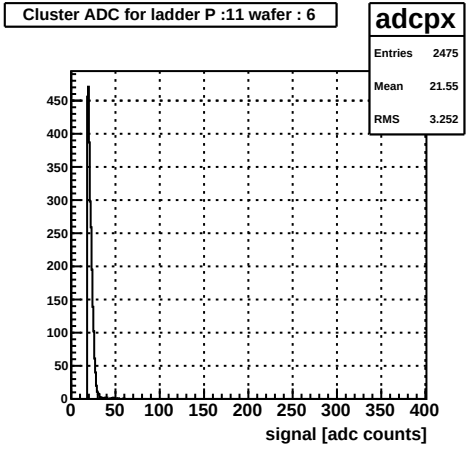

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11447
Mean 25.96
RMS 5.656
signal [adc counts]

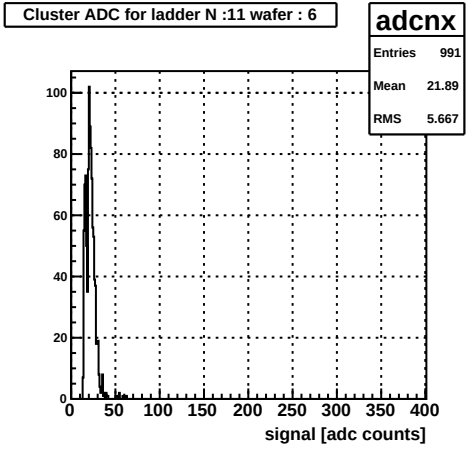

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 353
Mean 32.64
RMS 19.24
signal [adc counts]

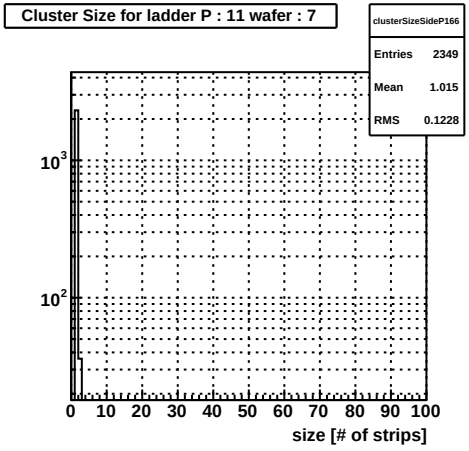

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2475
Mean 1.005
RMS 0.06946
size [# of strips]

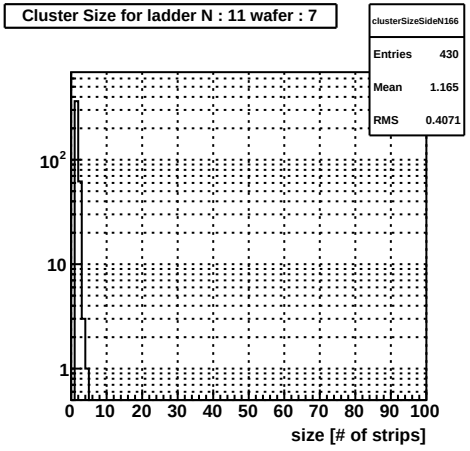

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 991
Mean 1.029
RMS 0.2013
size [# of strips]

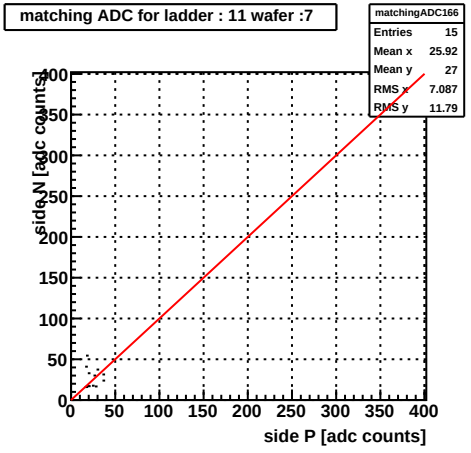

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1
Mean x 27
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

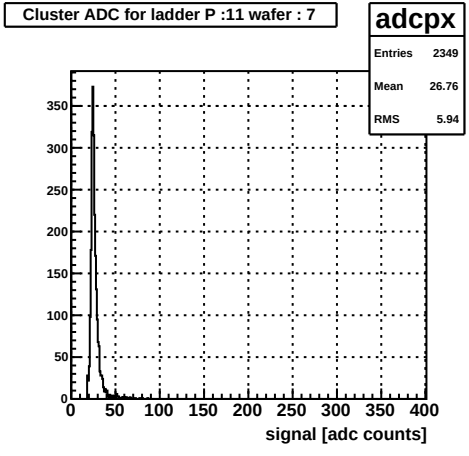

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2475
Mean 21.55
RMS 3.252
signal [adc counts]

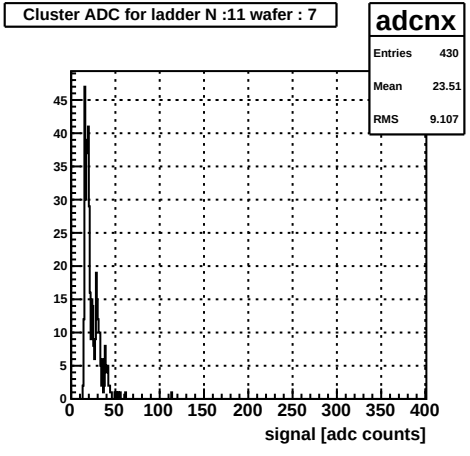

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 991
Mean 21.89
RMS 5.667
signal [adc counts]

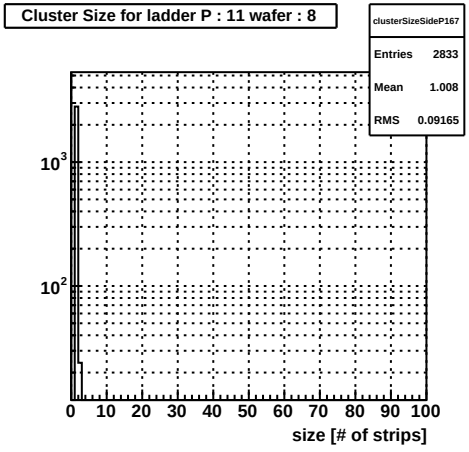

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2349
Mean 1.015
RMS 0.1228
size [# of strips]

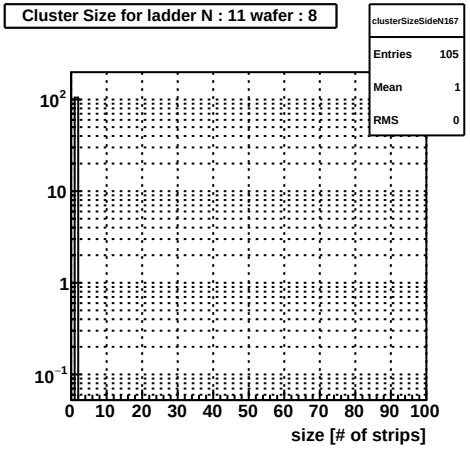

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 430
Mean 1.165
RMS 0.4071
size [# of strips]

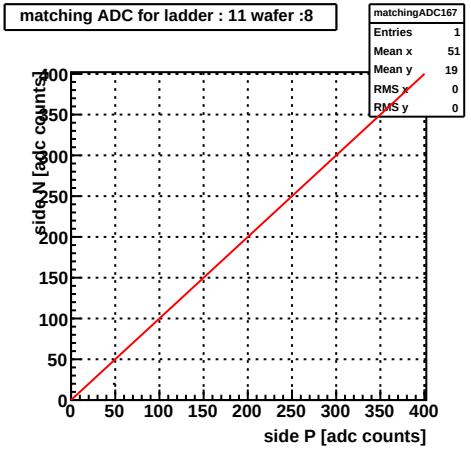

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 15
Mean x 25.92
Mean y 27
RMS x 7.087
RMS y 11.79
side N [adc counts]
side P [adc counts]

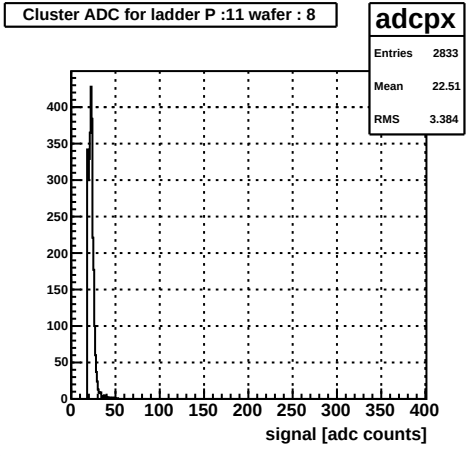

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2349
Mean 26.76
RMS 5.94
signal [adc counts]

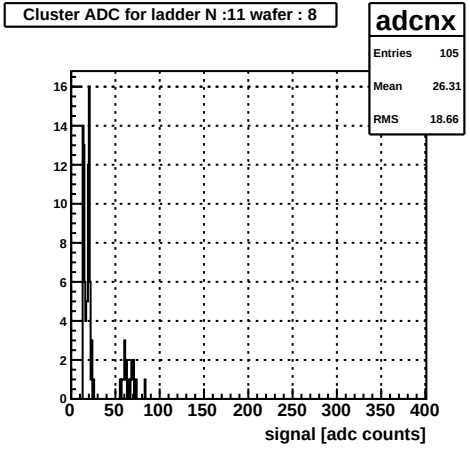

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 430
Mean 23.51
RMS 9.107
signal [adc counts]

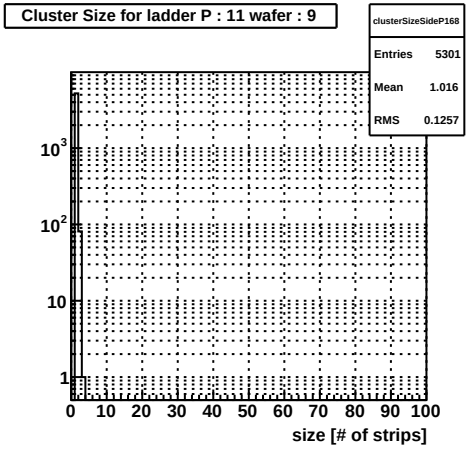

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2833
Mean 1.008
RMS 0.09165
size [# of strips]

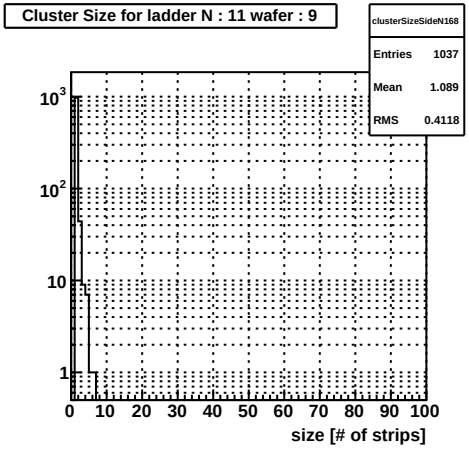

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 105
Mean 1
RMS 0
size [# of strips]

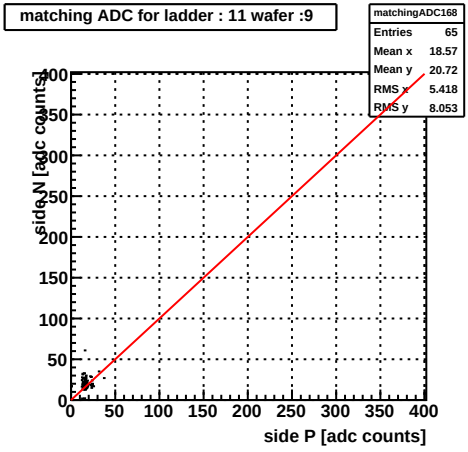

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1
Mean x 51
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

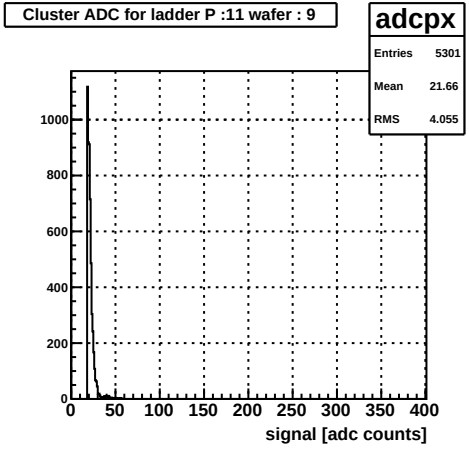

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2833
Mean 22.51
RMS 3.384
signal [adc counts]

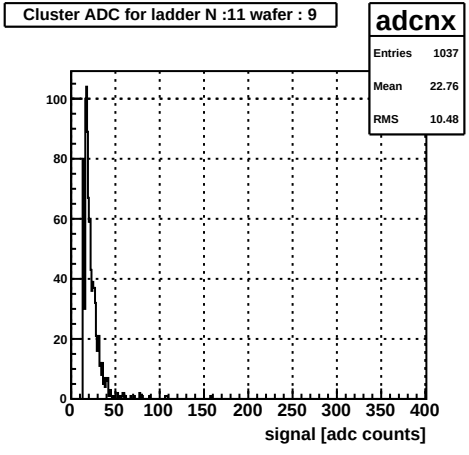

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 105
Mean 26.31
RMS 18.66
signal [adc counts]

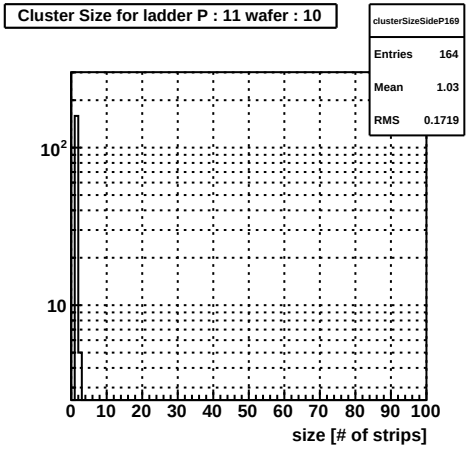

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5301
Mean 1.016
RMS 0.1257
size [# of strips]

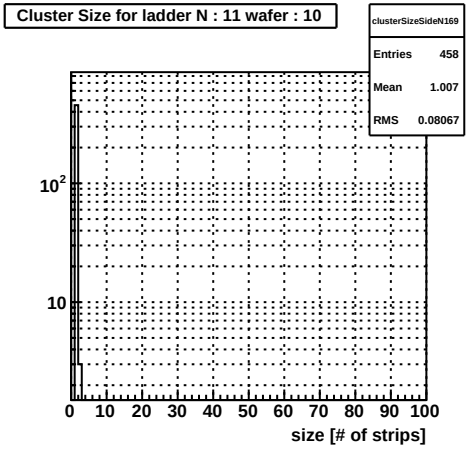

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1037
Mean 1.089
RMS 0.4118
size [# of strips]

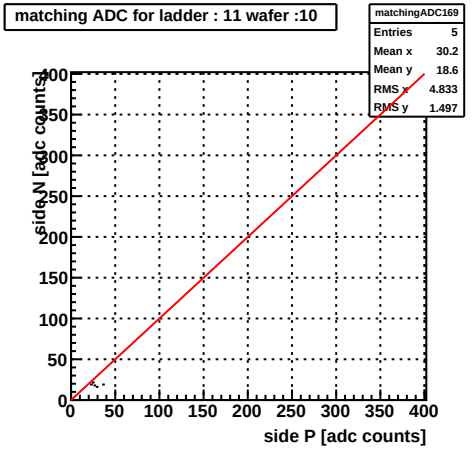

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 65
Mean x 18.57
Mean y 20.72
RMS x 5.418
RMS y 8.053
side N [adc counts]
side P [adc counts]

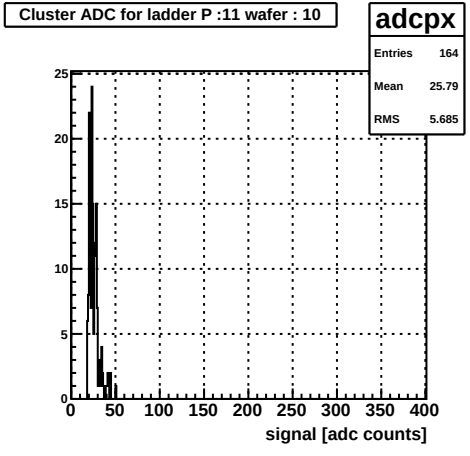

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5301
Mean 21.66
RMS 4.055
signal [adc counts]

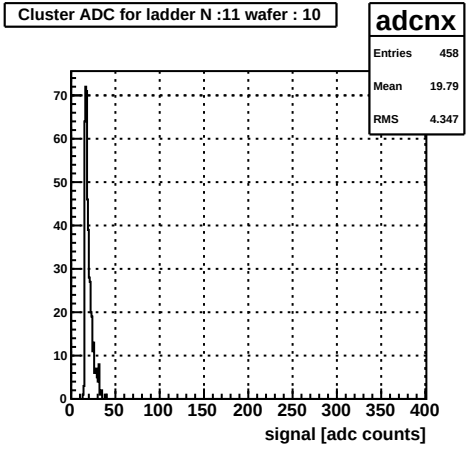

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1037
Mean 22.76
RMS 10.48
signal [adc counts]

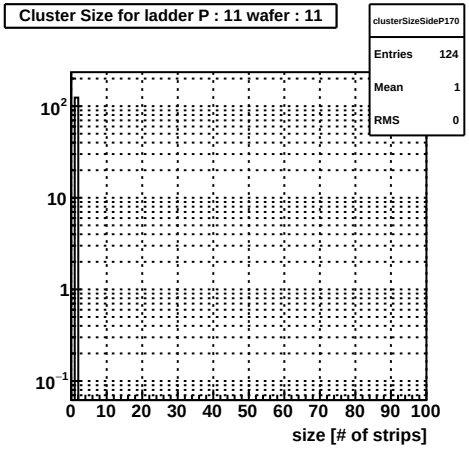

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 164
Mean 1.03
RMS 0.1719
size [# of strips]

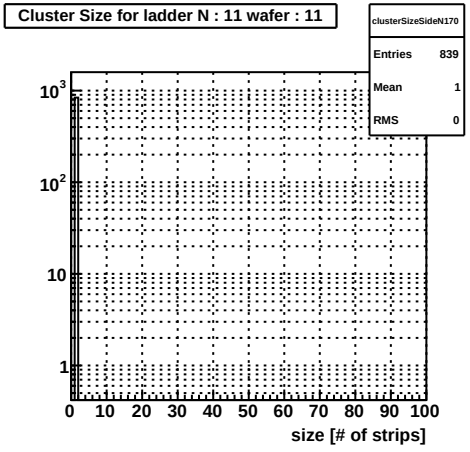

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 458
Mean 1.007
RMS 0.08067
size [# of strips]

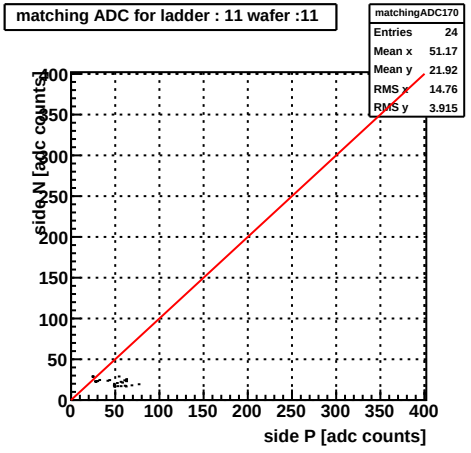

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 5
Mean x 30.2
Mean y 18.6
RMS x 4.833
RMS y 1.497
side N [adc counts]
side P [adc counts]

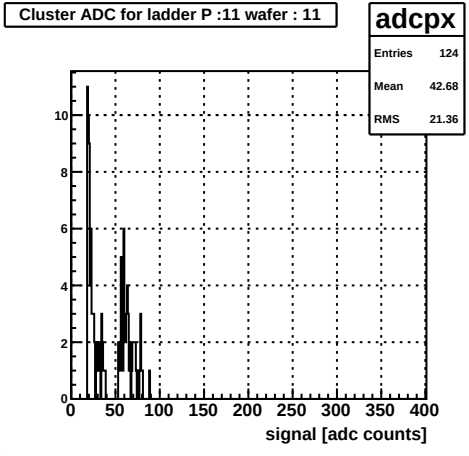

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 164
Mean 25.79
RMS 5.685
signal [adc counts]

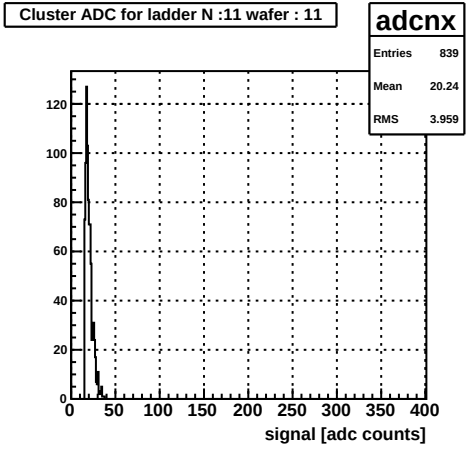

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 458
Mean 19.79
RMS 4.347
signal [adc counts]

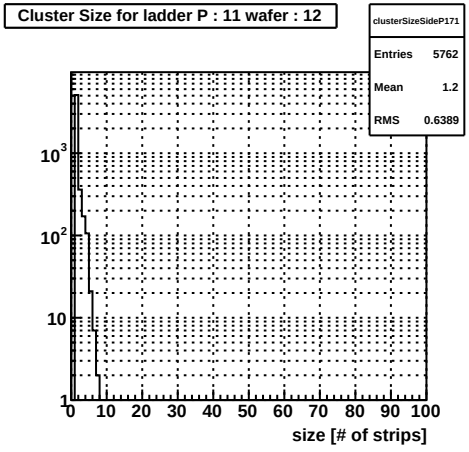

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 124
Mean 1
RMS 0
size [# of strips]

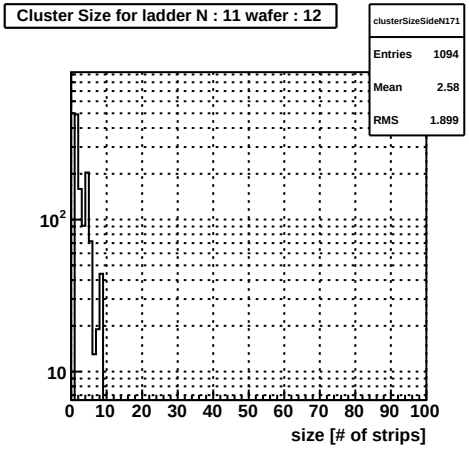

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 839
Mean 1
RMS 0
size [# of strips]

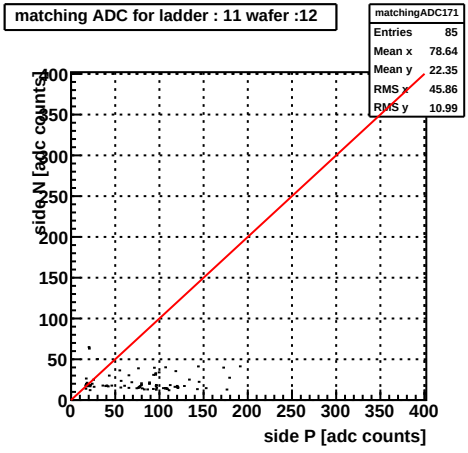

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 24
Mean x 51.17
Mean y 21.92
RMS x 14.76
RMS y 3.915
side N [adc counts]
side P [adc counts]

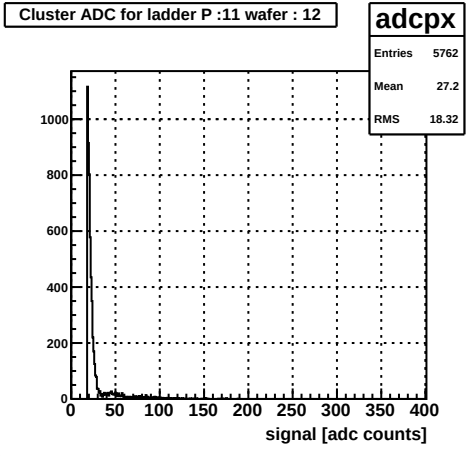

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 124
Mean 42.68
RMS 21.36
signal [adc counts]

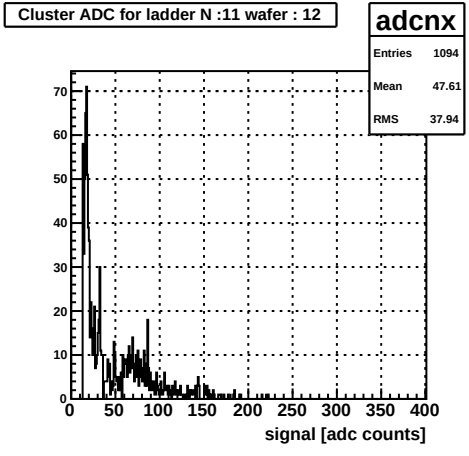

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 839
Mean 20.24
RMS 3.959
signal [adc counts]

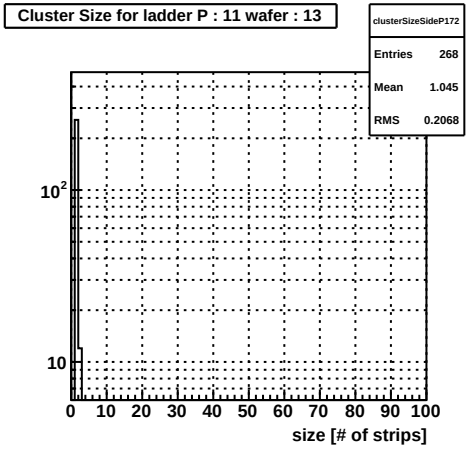

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 5762
Mean 1.2
RMS 0.6389
size [# of strips]

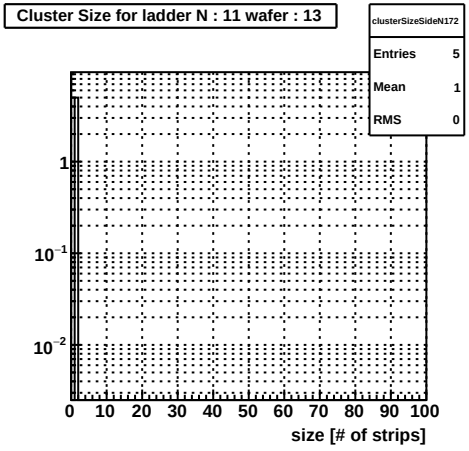

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 1094
Mean 2.58
RMS 1.899
size [# of strips]

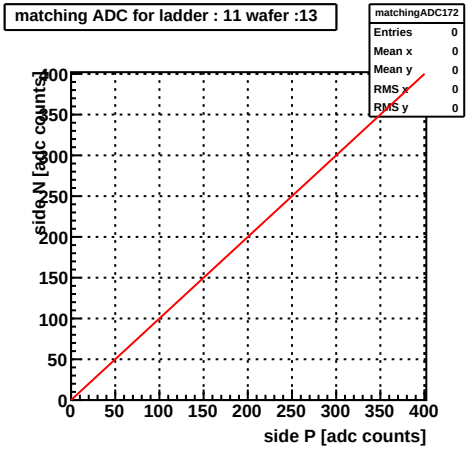

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 85
Mean x 78.64
Mean y 22.35
RMS x 45.86
RMS y 10.99
side N [adc counts]
side P [adc counts]

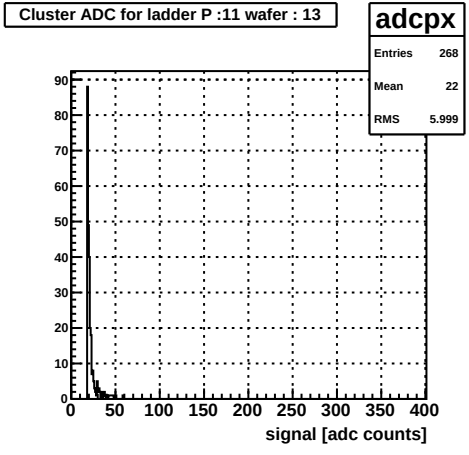

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 5762
Mean 27.2
RMS 18.32
signal [adc counts]

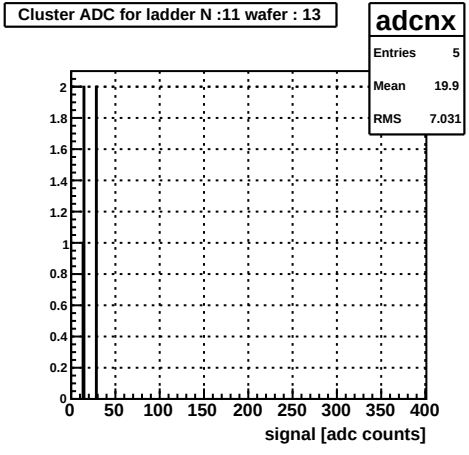

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 1094
Mean 47.61
RMS 37.94
signal [adc counts]

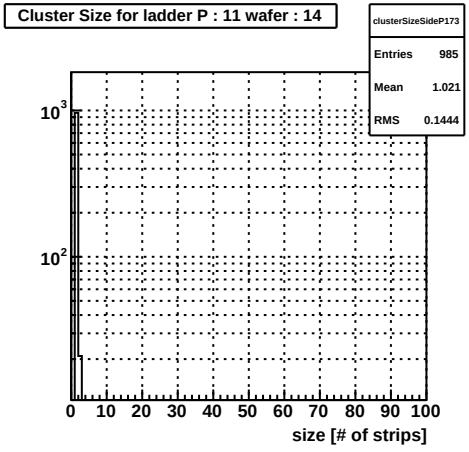

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 268
Mean 1.045
RMS 0.2068
size [# of strips]

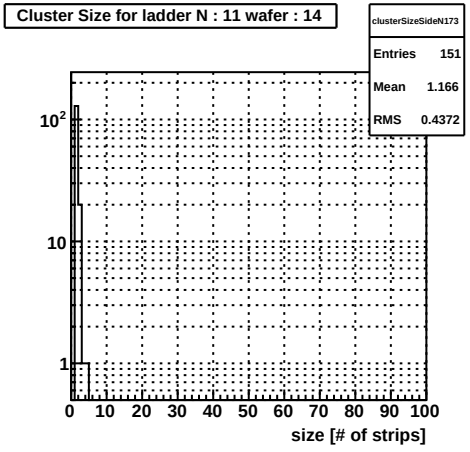

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 5
Mean 1
RMS 0
size [# of strips]

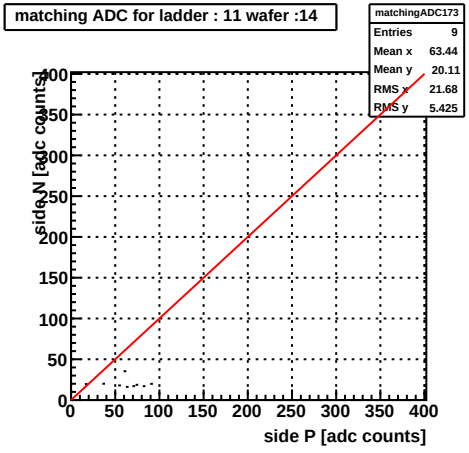

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

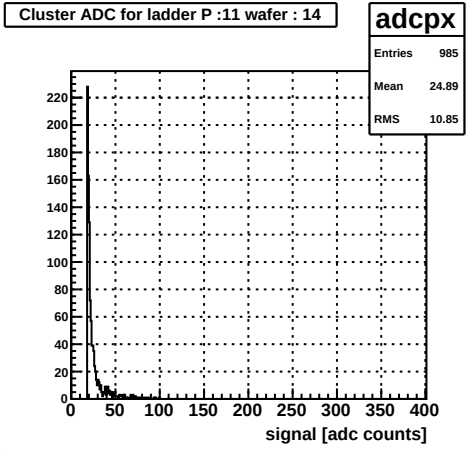

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 268
Mean 22
RMS 5.999
signal [adc counts]

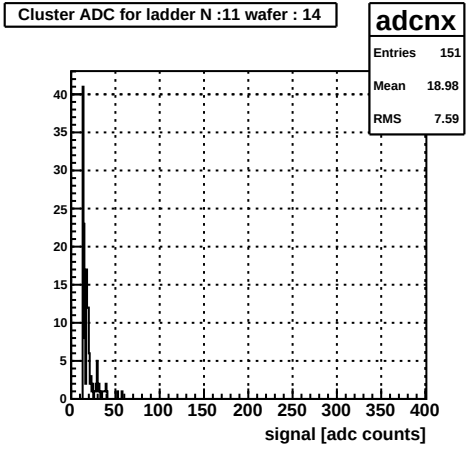

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 5
Mean 19.9
RMS 7.031
signal [adc counts]

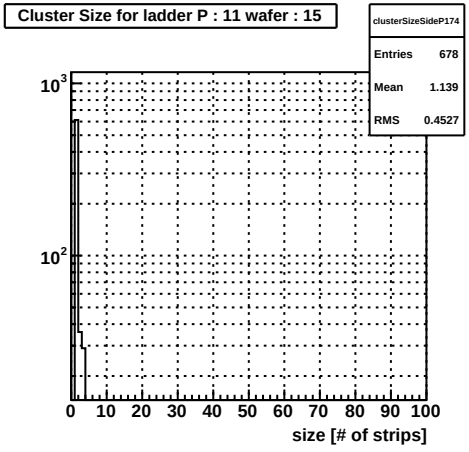

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 985
Mean 1.021
RMS 0.1444
size [# of strips]

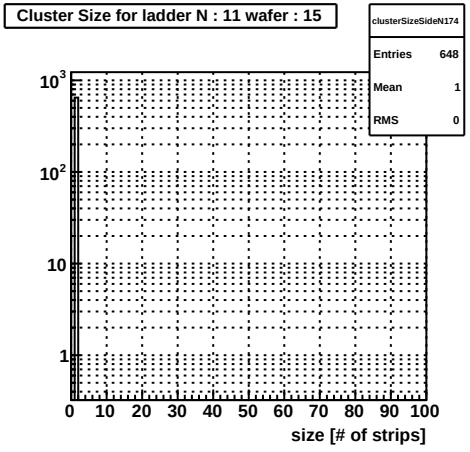

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 151
Mean 1.166
RMS 0.4372
size [# of strips]

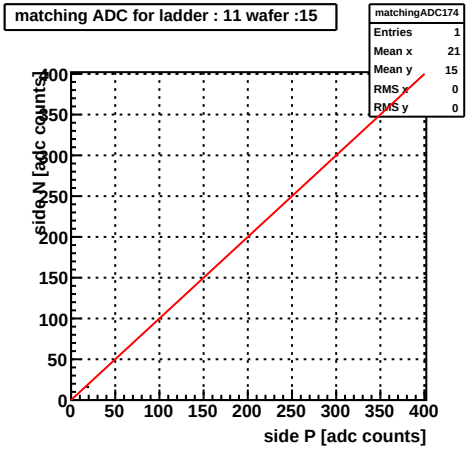

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 9
Mean x 63.44
Mean y 20.11
RMS x 21.68
RMS y 5.425
side N [adc counts]
side P [adc counts]

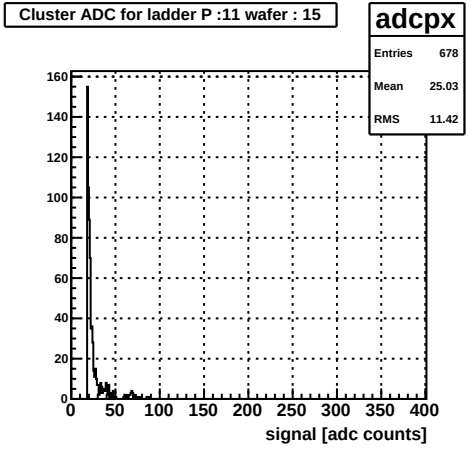

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 985
Mean 24.89
RMS 10.85
signal [adc counts]

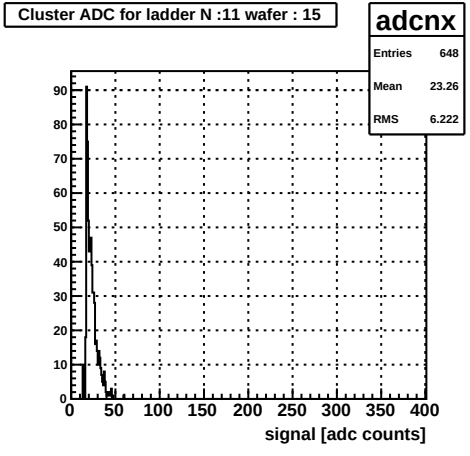

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 151
Mean 18.98
RMS 7.59
signal [adc counts]

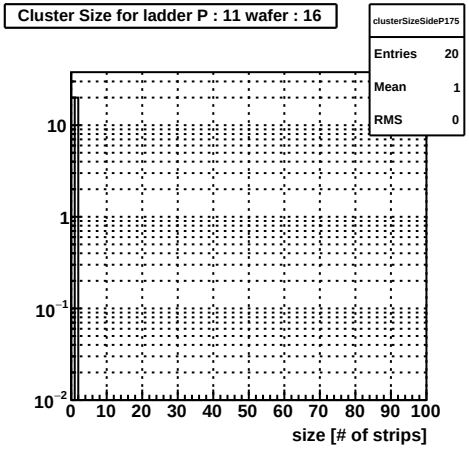

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 678
Mean 1.139
RMS 0.4527
size [# of strips]

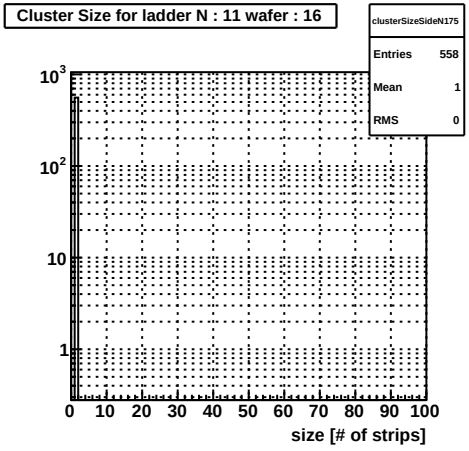

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 648
Mean 1
RMS 0
size [# of strips]

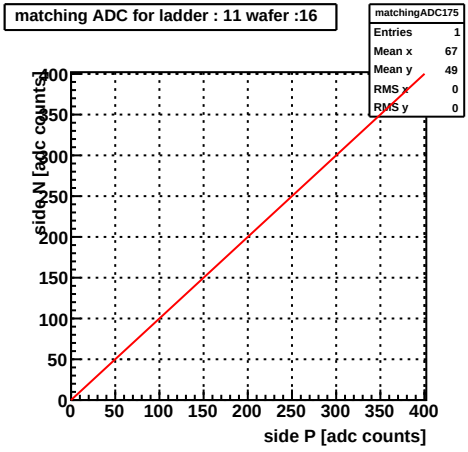

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

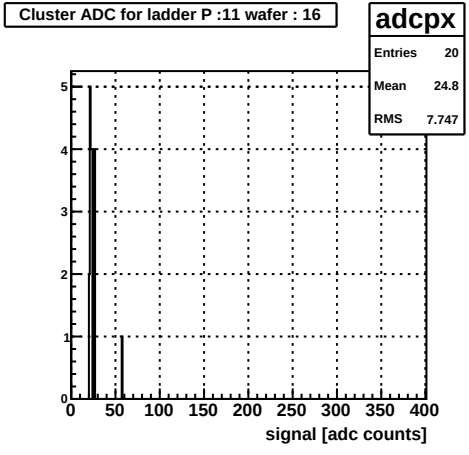

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 678
Mean 25.03
RMS 11.42
signal [adc counts]

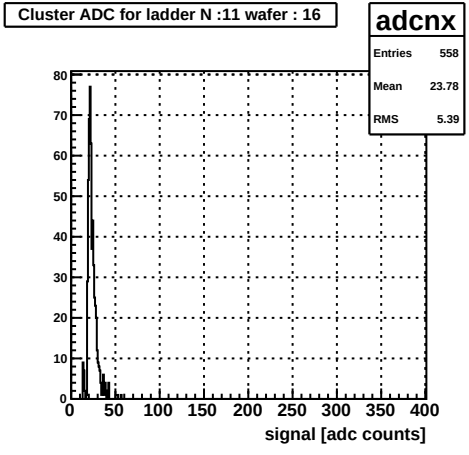

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 648
Mean 23.26
RMS 6.222
signal [adc counts]

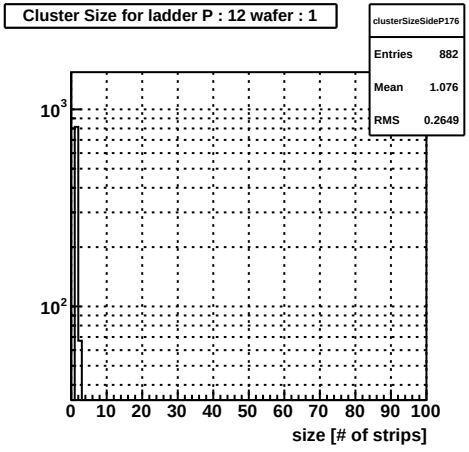

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 20
Mean 1
RMS 0
size [# of strips]

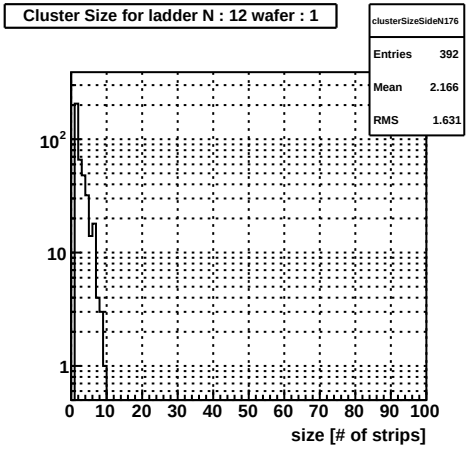

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 558
Mean 1
RMS 0
size [# of strips]

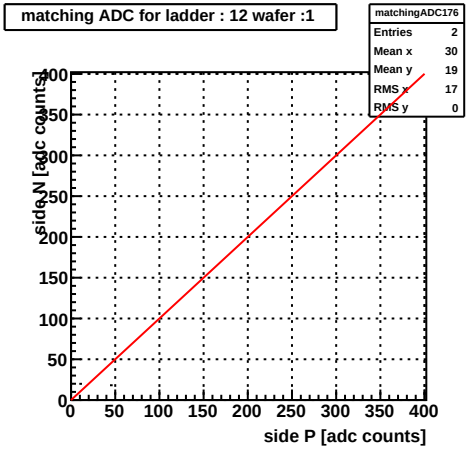

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1
Mean x 67
Mean y 49
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

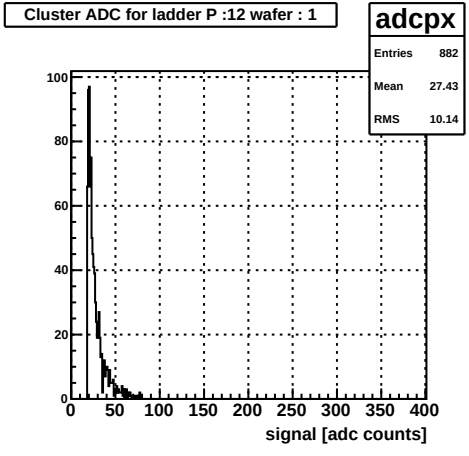

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 20
Mean 24.8
RMS 7.747
signal [adc counts]

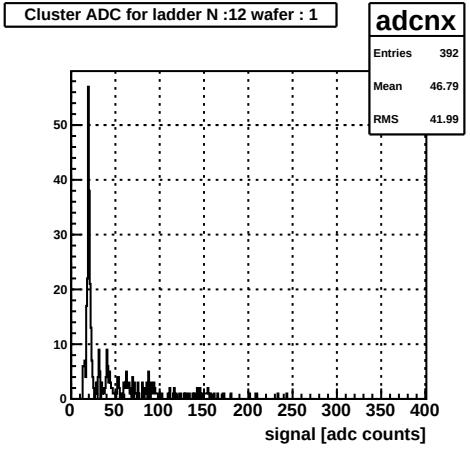

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 558
Mean 23.78
RMS 5.39
signal [adc counts]

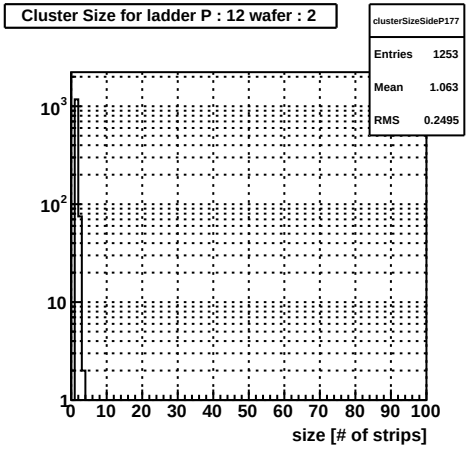

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 882
Mean 1.076
RMS 0.2649
size [# of strips]

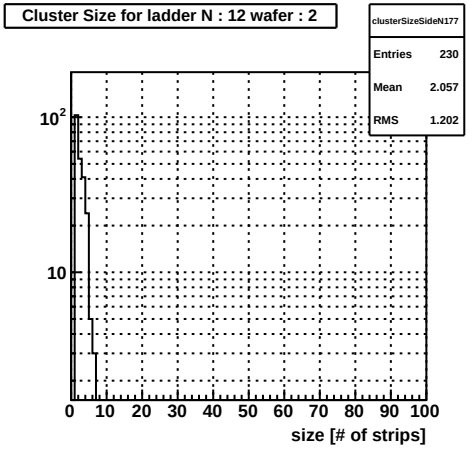

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 392
Mean 2.166
RMS 1.631
size [# of strips]

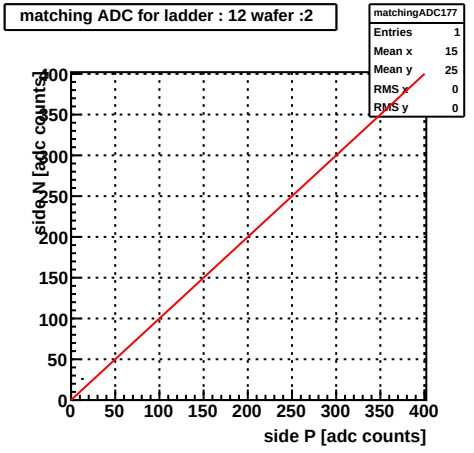

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 2
Mean x 30
Mean y 19
RMS x 17
RMS y 0
side N [adc counts]
side P [adc counts]

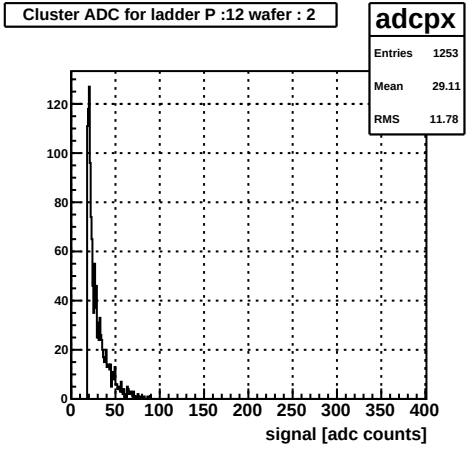

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 882
Mean 27.43
RMS 10.14
signal [adc counts]

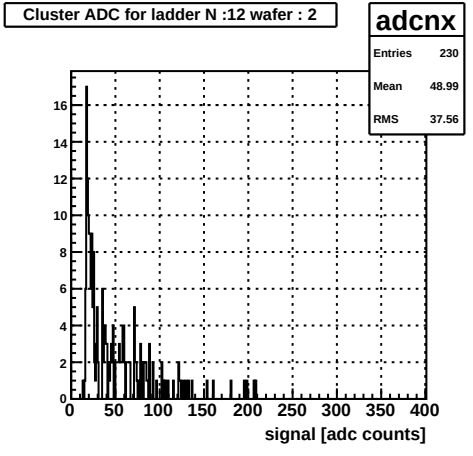

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 392
Mean 46.79
RMS 41.99
signal [adc counts]

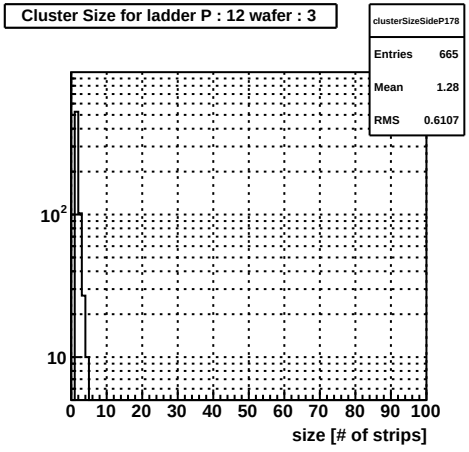

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1253
Mean 1.063
RMS 0.2495
size [# of strips]

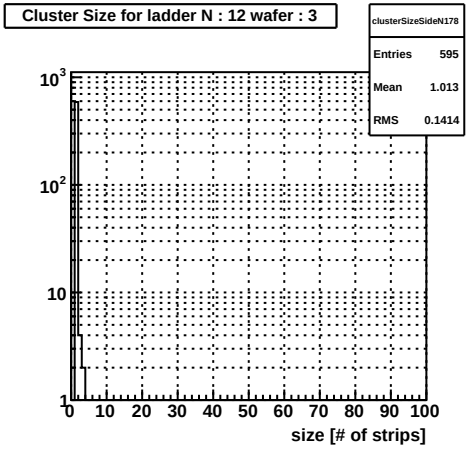

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 230
Mean 2.057
RMS 1.202
size [# of strips]

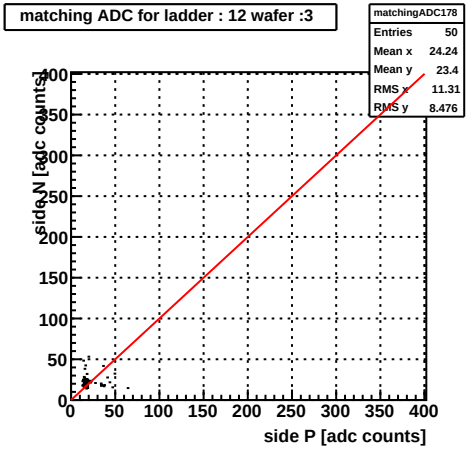

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1
Mean x 15
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

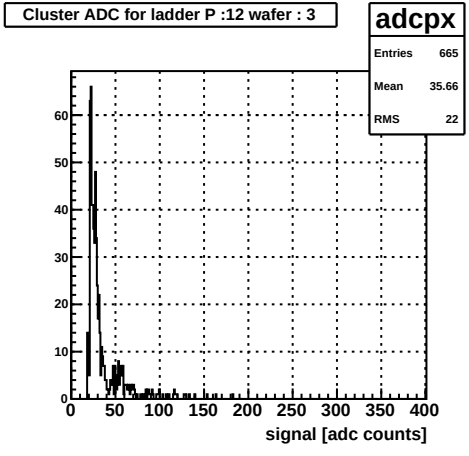

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1253
Mean 29.11
RMS 11.78
signal [adc counts]

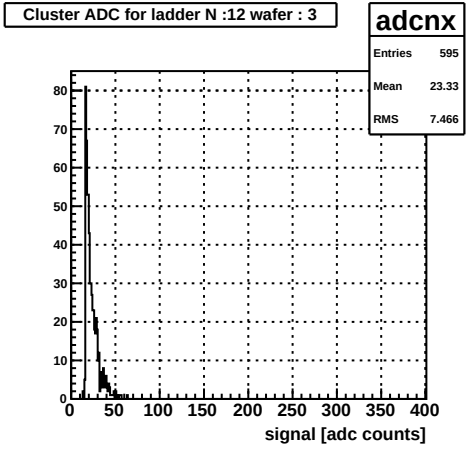

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 230
Mean 48.99
RMS 37.56
signal [adc counts]

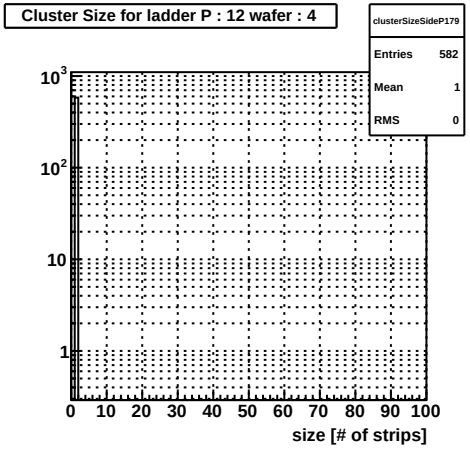

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 665
Mean 1.28
RMS 0.6107
size [# of strips]

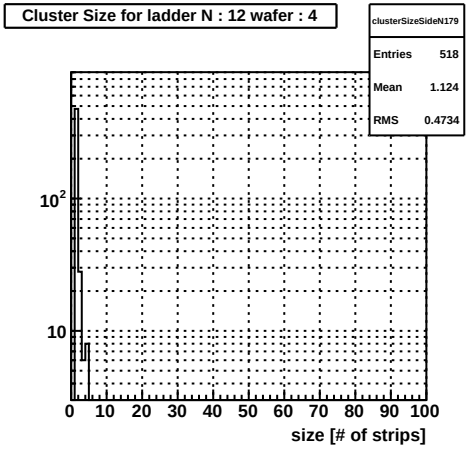

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 595
Mean 1.013
RMS 0.1414
size [# of strips]

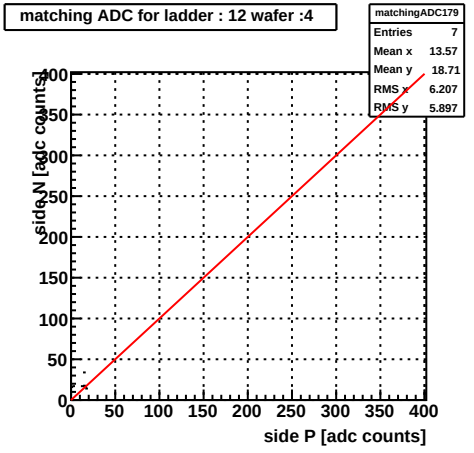

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 50
Mean x 24.24
Mean y 23.4
RMS x 11.31
RMS y 8.476
side N [adc counts]
side P [adc counts]

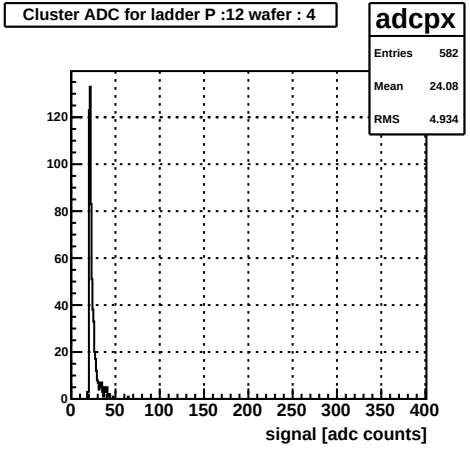

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 665
Mean 35.66
RMS 22
signal [adc counts]

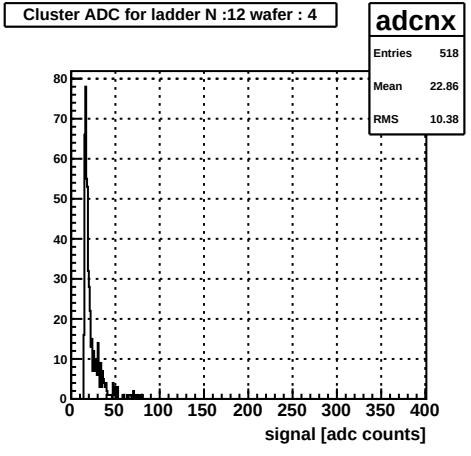

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 595
Mean 23.33
RMS 7.466
signal [adc counts]

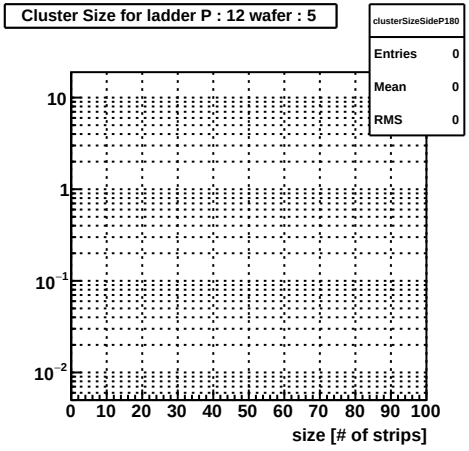

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 582
Mean 1
RMS 0
size [# of strips]

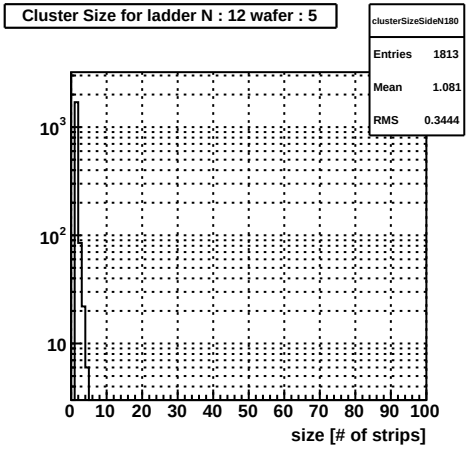

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 518
Mean 1.124
RMS 0.4734
size [# of strips]

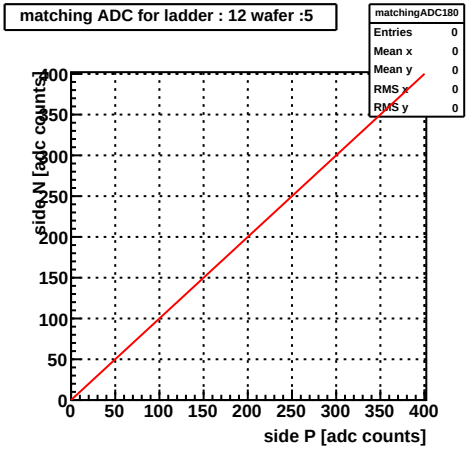

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 7
Mean x 13.57
Mean y 18.71
RMS x 6.207
RMS y 5.897
side N [adc counts]
side P [adc counts]

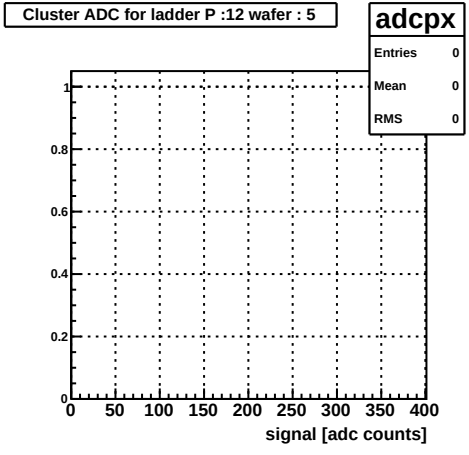

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 582
Mean 24.08
RMS 4.934
signal [adc counts]

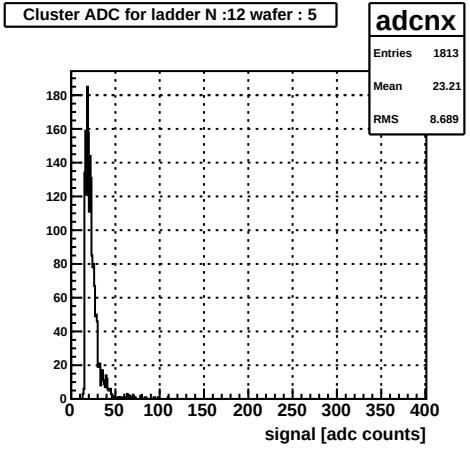

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 518
Mean 22.86
RMS 10.38
signal [adc counts]

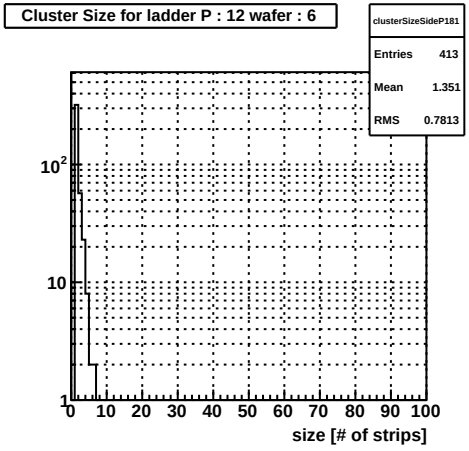

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 0
Mean 0
RMS 0
size [# of strips]

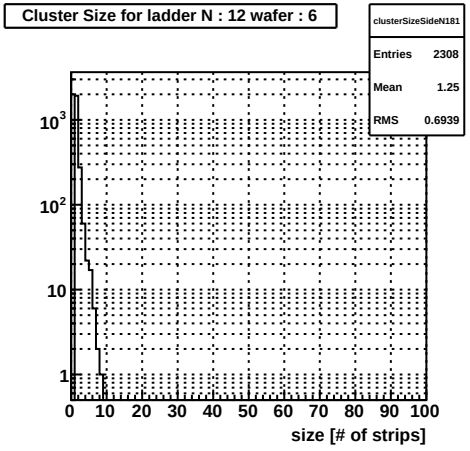

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1813
Mean 1.081
RMS 0.3444
size [# of strips]

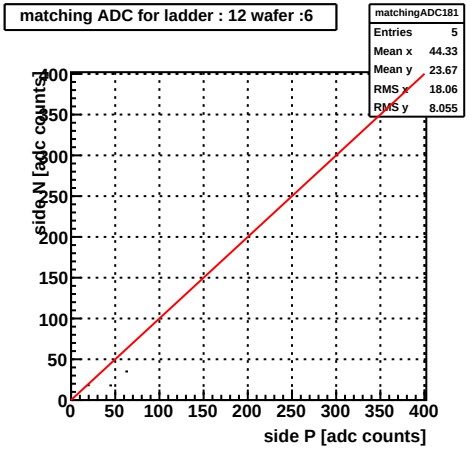

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

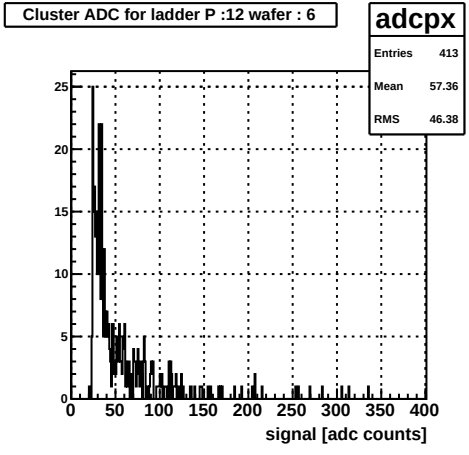

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

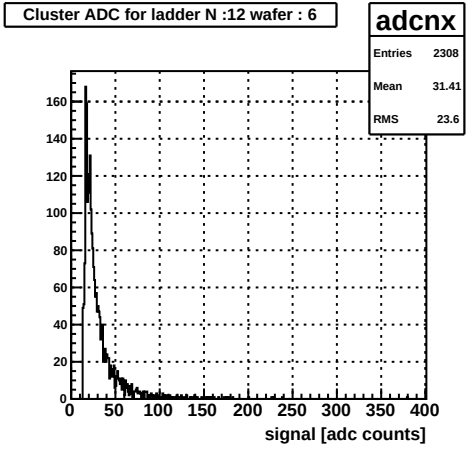

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1813
Mean 23.21
RMS 8.689
signal [adc counts]

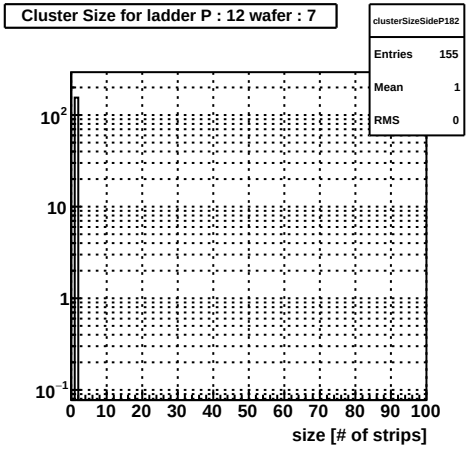

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 413
Mean 1.351
RMS 0.7813
size [# of strips]

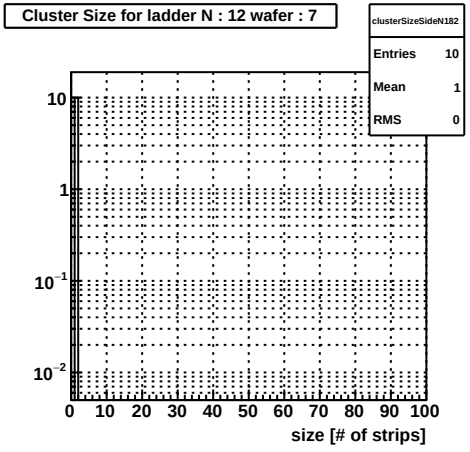

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2308
Mean 1.25
RMS 0.6939
size [# of strips]

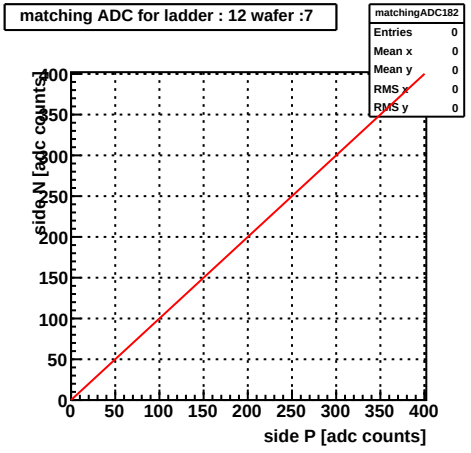

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 5
Mean x 44.33
Mean y 23.67
RMS x 18.06
RMS y 8.055
side N [adc counts]
side P [adc counts]

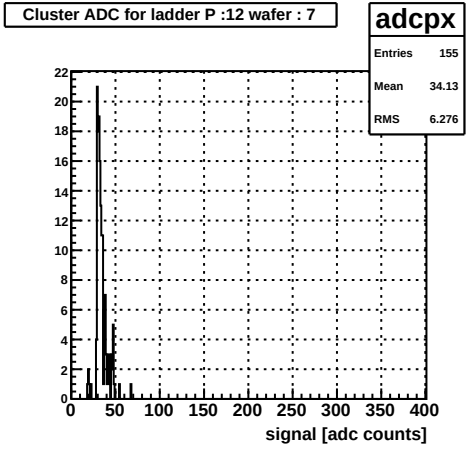

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 413
Mean 57.36
RMS 46.38
signal [adc counts]

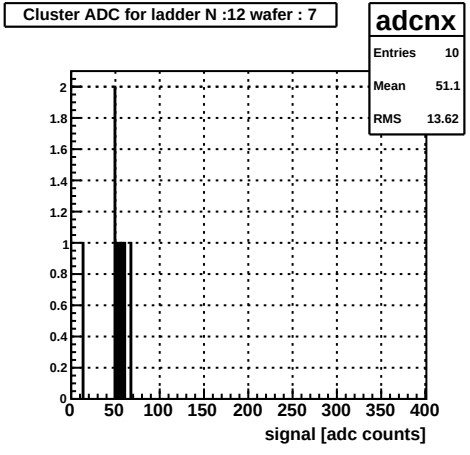

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2308
Mean 31.41
RMS 23.6
signal [adc counts]

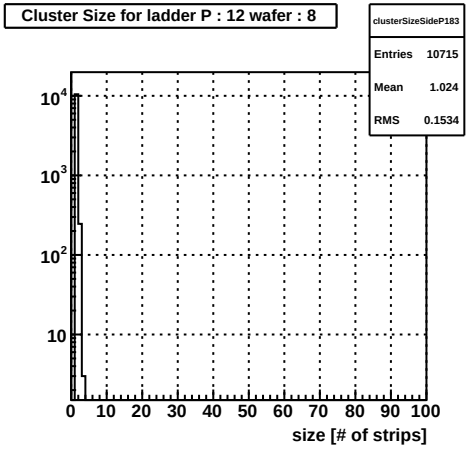

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 155
Mean 1
RMS 0
size [# of strips]

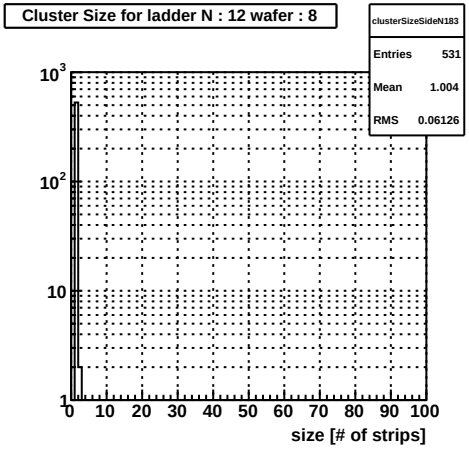

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 10
Mean 1
RMS 0
size [# of strips]

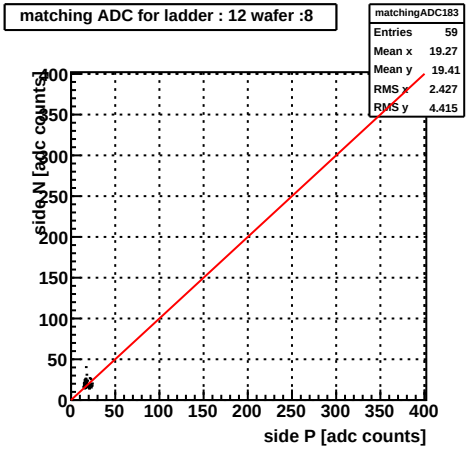

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

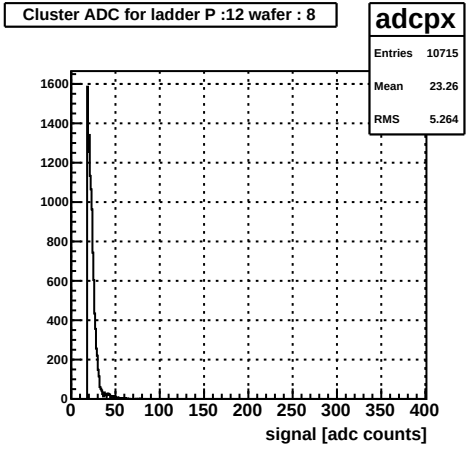

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 155
Mean 34.13
RMS 6.276
signal [adc counts]

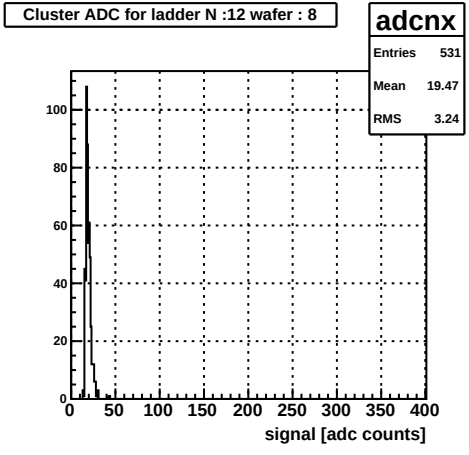

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 10
Mean 51.1
RMS 13.62
signal [adc counts]

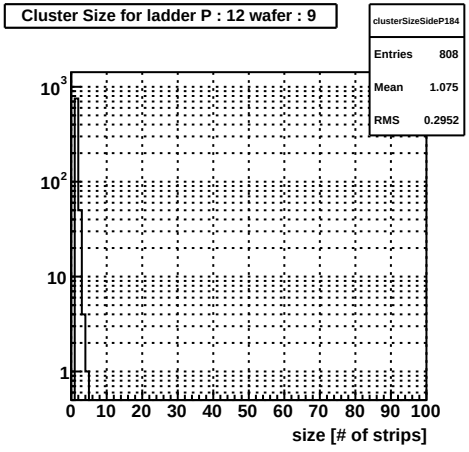

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10715
Mean 1.024
RMS 0.1534
size [# of strips]

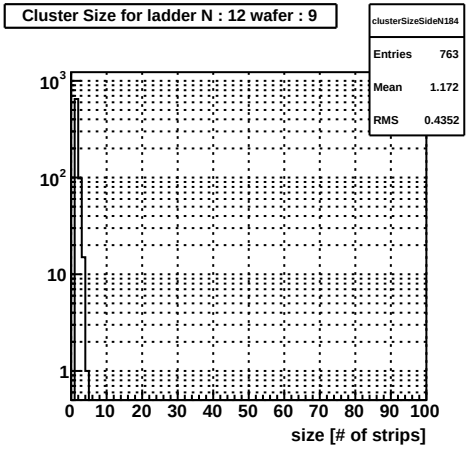

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 531
Mean 1.004
RMS 0.06126
size [# of strips]

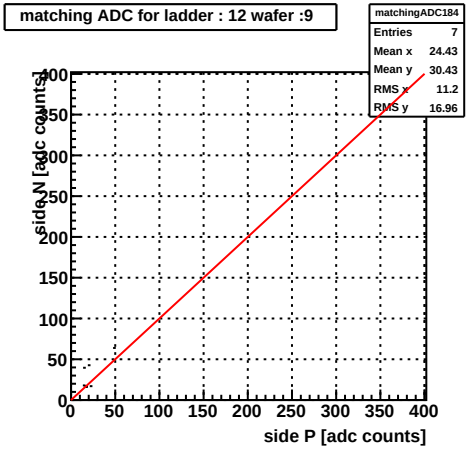

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 59
Mean x 19.27
Mean y 19.41
RMS x 2.427
RMS y 4.415
side N [adc counts]
side P [adc counts]

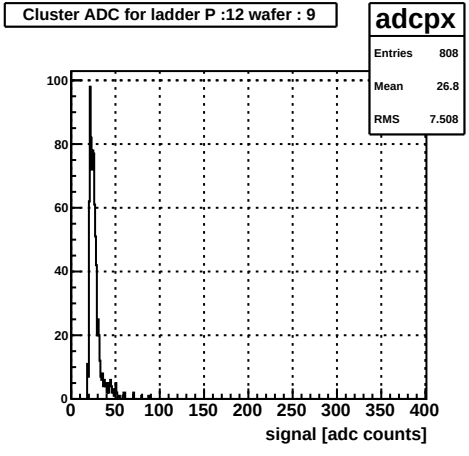

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10715
Mean 23.26
RMS 5.264
signal [adc counts]

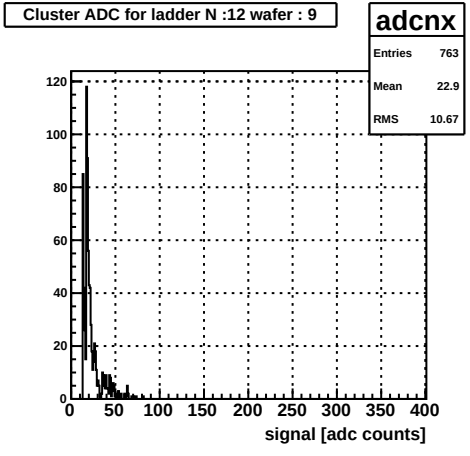

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 531
Mean 19.47
RMS 3.24
signal [adc counts]

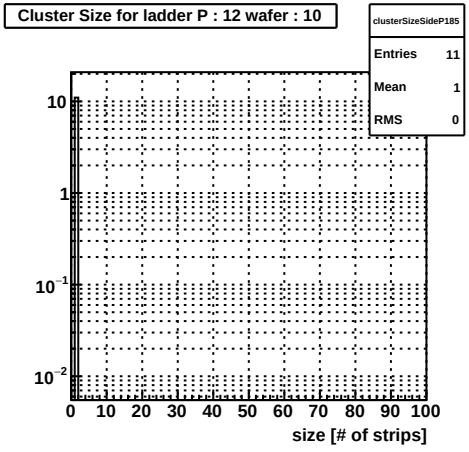

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 808
Mean 1.075
RMS 0.2952
size [# of strips]

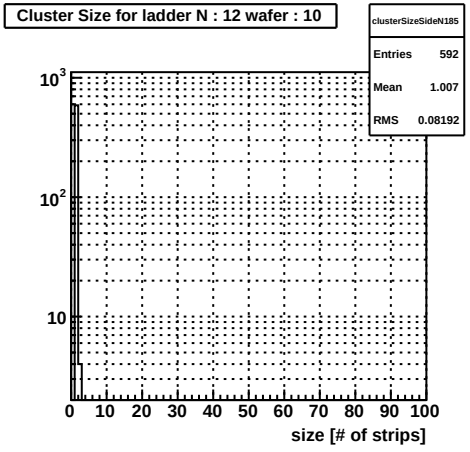

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 763
Mean 1.172
RMS 0.4352
size [# of strips]

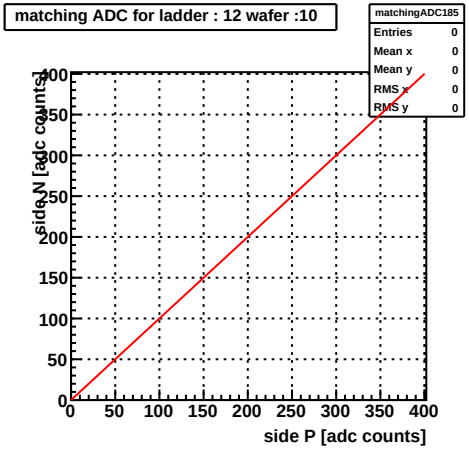

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 7
Mean x 24.43
Mean y 30.43
RMS x 11.2
RMS y 16.96
side N [adc counts]
side P [adc counts]

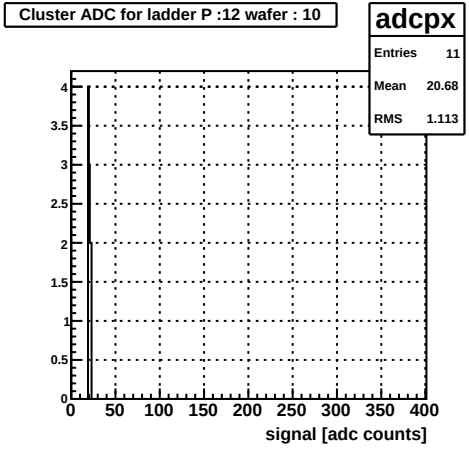

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 808
Mean 26.8
RMS 7.508
signal [adc counts]

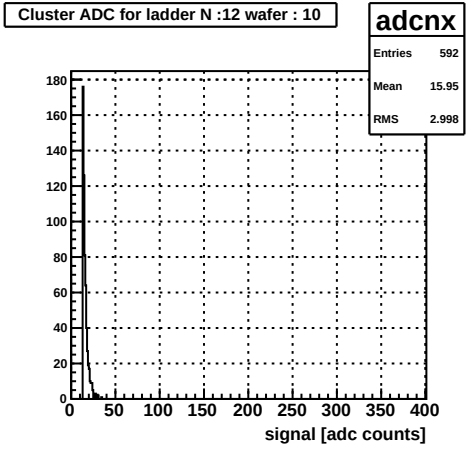

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 763
Mean 22.9
RMS 10.67
signal [adc counts]

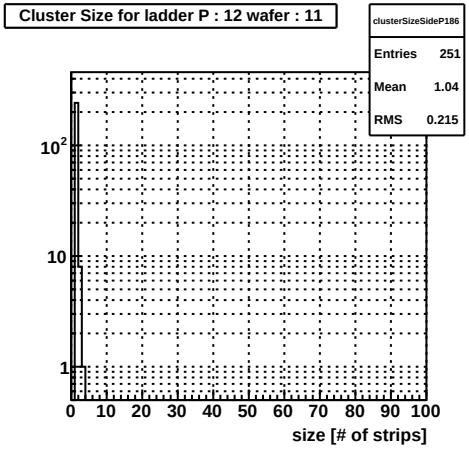

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 11
Mean 1
RMS 0
size [# of strips]

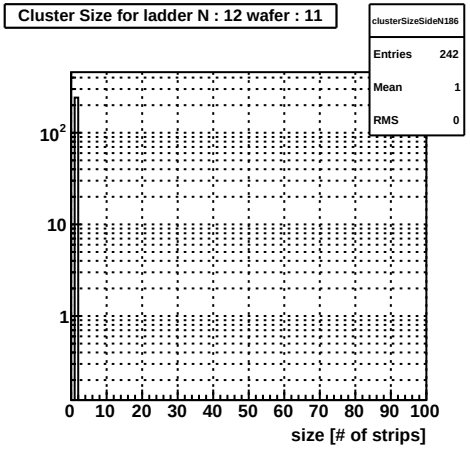

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 592
Mean 1.007
RMS 0.08192
size [# of strips]

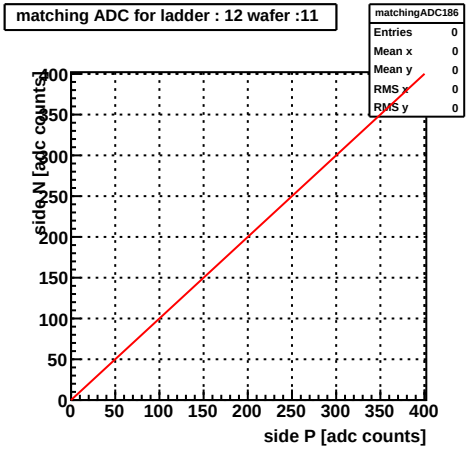

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

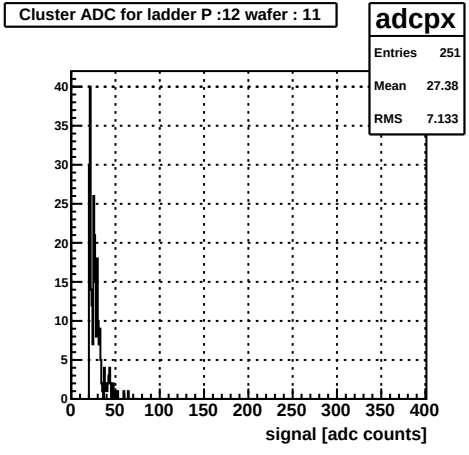

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 11
Mean 20.68
RMS 1.113
signal [adc counts]

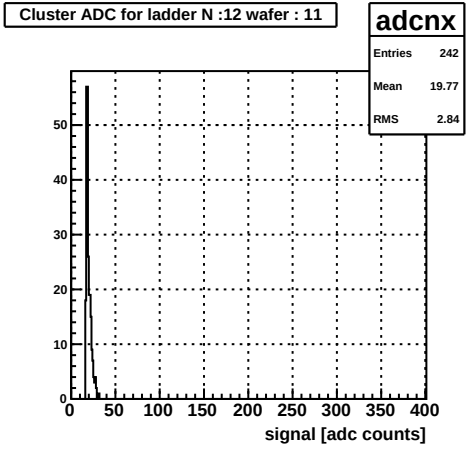

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 592
Mean 15.95
RMS 2.998
signal [adc counts]

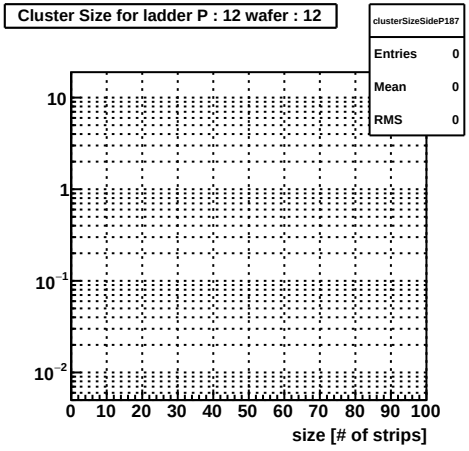

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 251
Mean 1.04
RMS 0.215
size [# of strips]

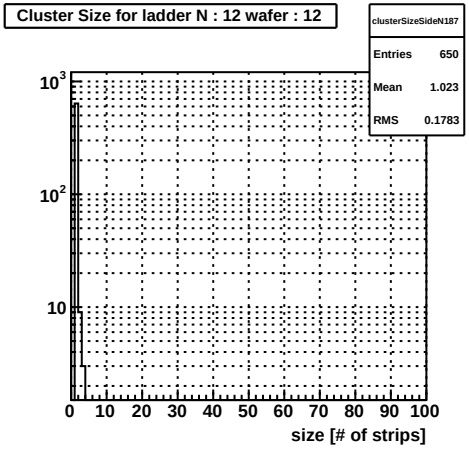

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 242
Mean 1
RMS 0
size [# of strips]

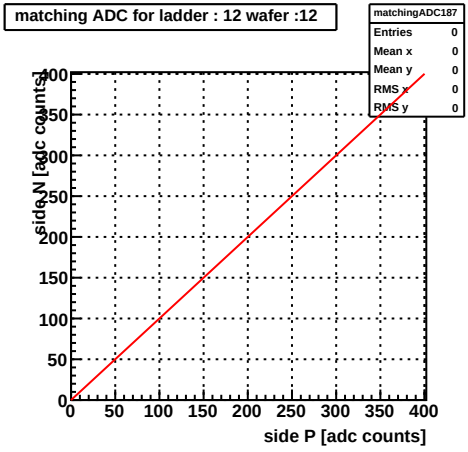

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

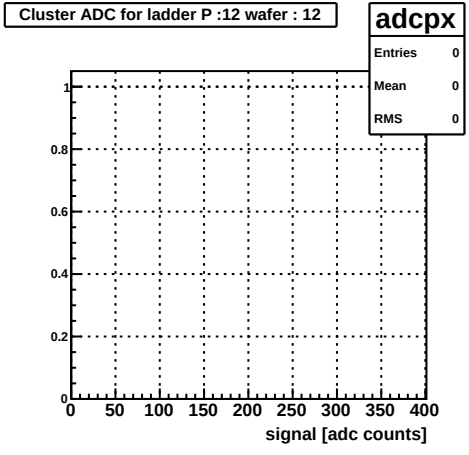

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 251
Mean 27.38
RMS 7.133
signal [adc counts]

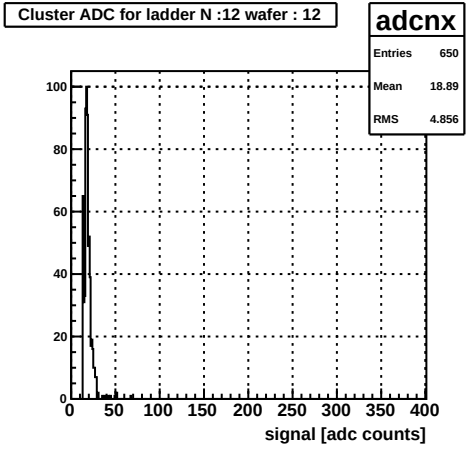

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 242
Mean 19.77
RMS 2.84
signal [adc counts]

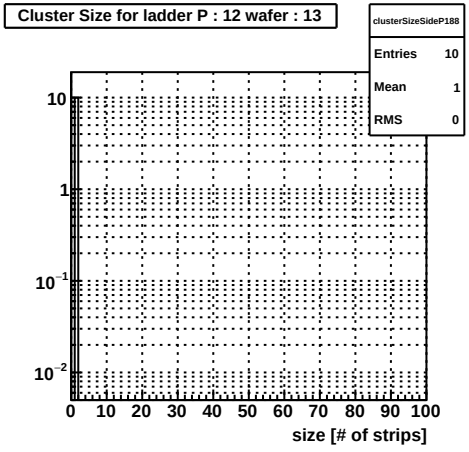

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 0
Mean 0
RMS 0
size [# of strips]

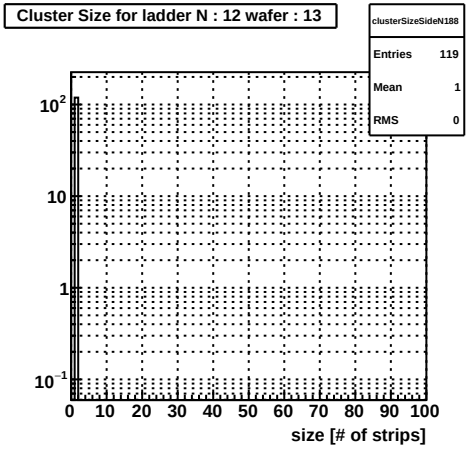

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 650
Mean 1.023
RMS 0.1783
size [# of strips]

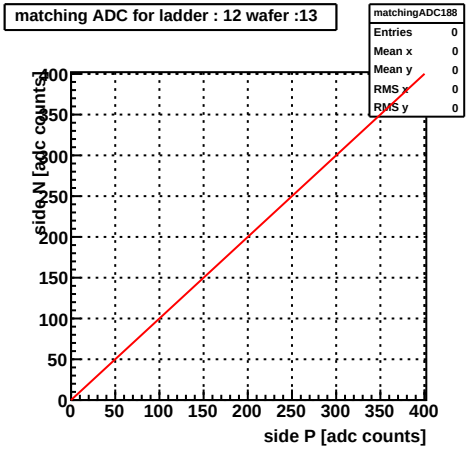

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

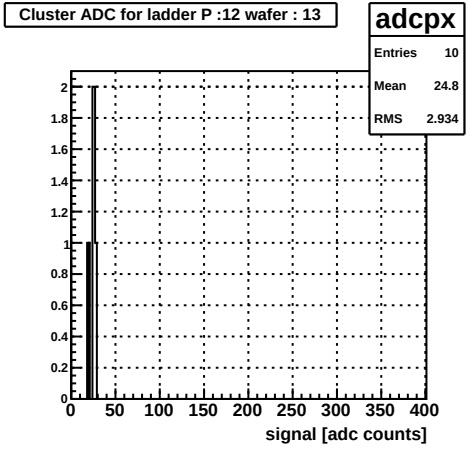

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

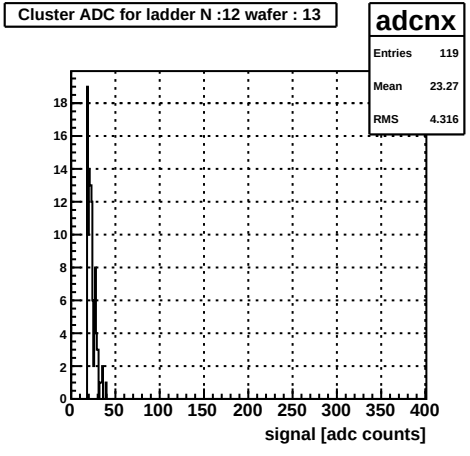

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 650
Mean 18.89
RMS 4.856
signal [adc counts]

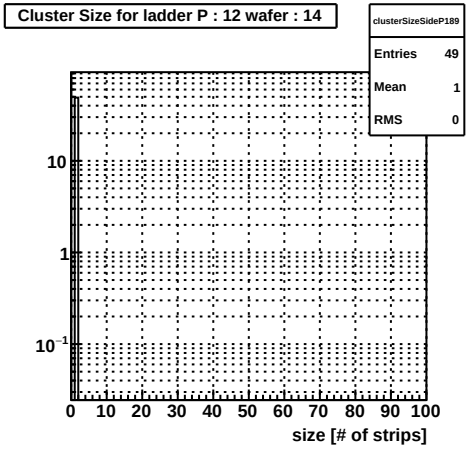

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 10
Mean 1
RMS 0
size [# of strips]

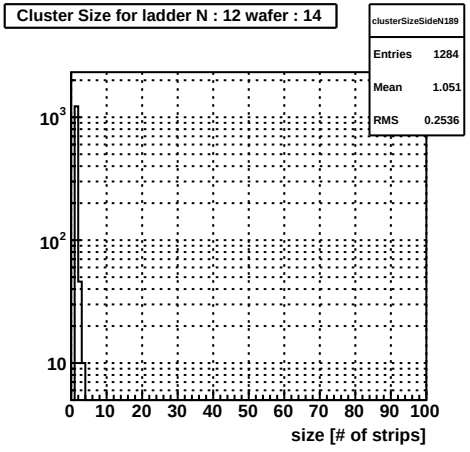

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 119
Mean 1
RMS 0
size [# of strips]

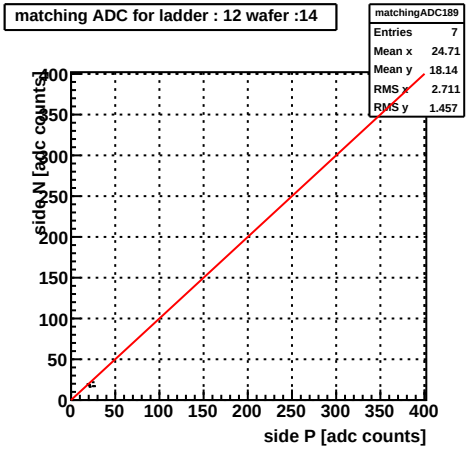

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

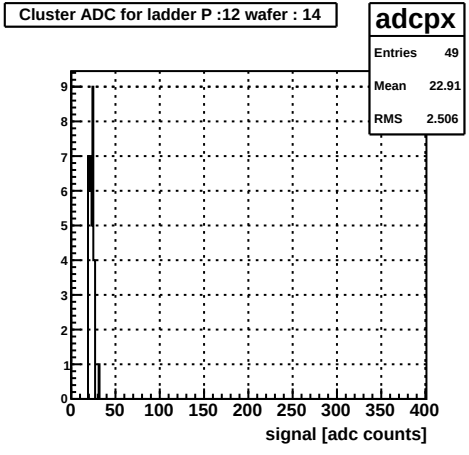

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 10
Mean 24.8
RMS 2.934
signal [adc counts]

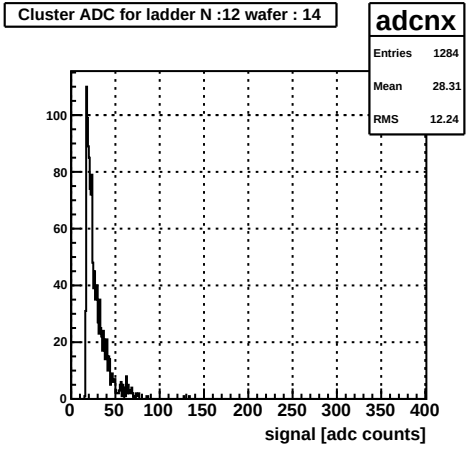

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 119
Mean 23.27
RMS 4.316
signal [adc counts]

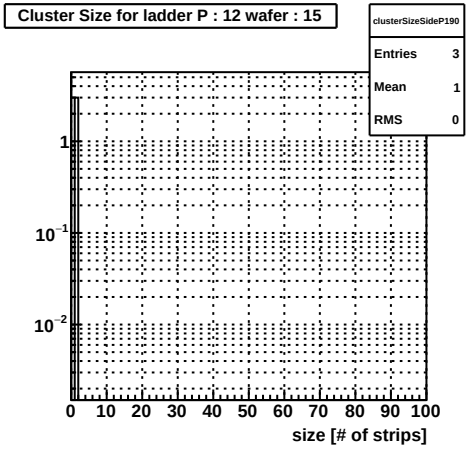

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 49
Mean 1
RMS 0
size [# of strips]

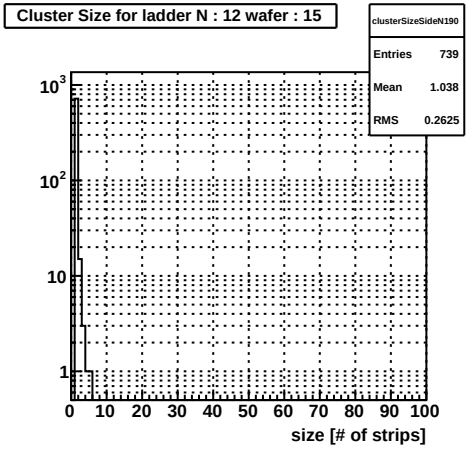

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1284
Mean 1.051
RMS 0.2536
size [# of strips]

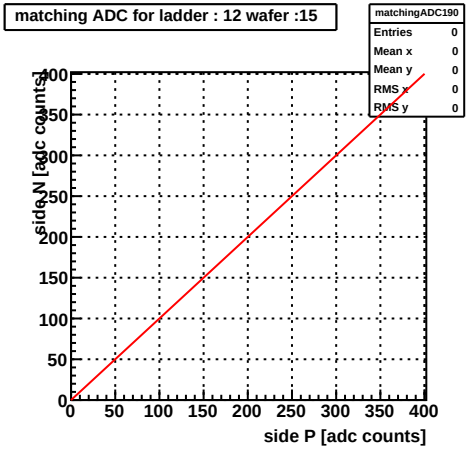

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 7
Mean x 24.71
Mean y 18.14
RMS x 2.711
RMS y 1.457
side N [adc counts]
side P [adc counts]

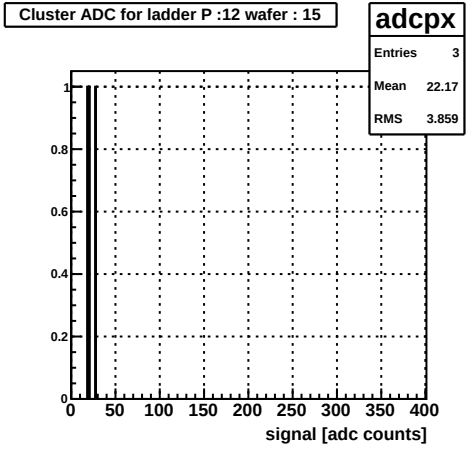

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 49
Mean 22.91
RMS 2.506
signal [adc counts]

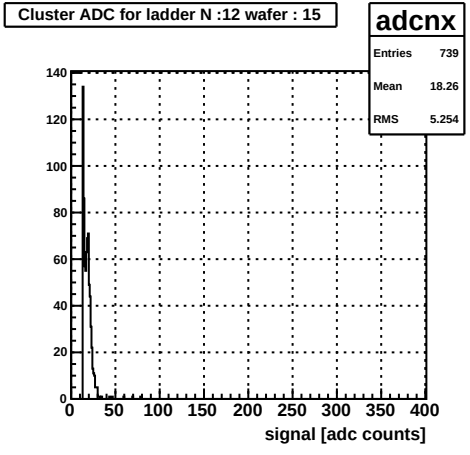

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1284
Mean 28.31
RMS 12.24
signal [adc counts]

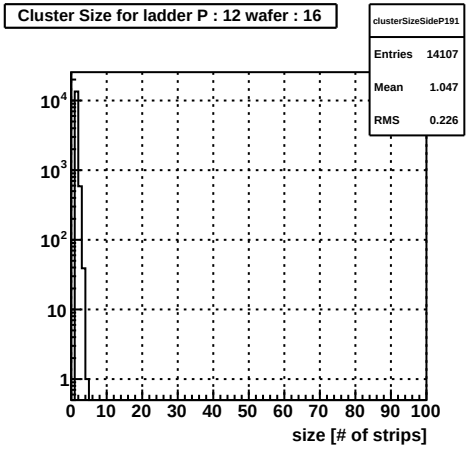

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 3
Mean 1
RMS 0
size [# of strips]

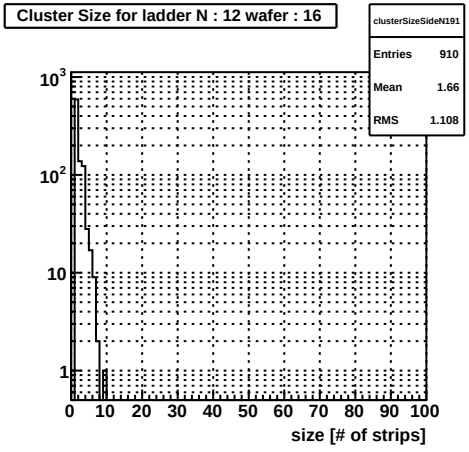

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 739
Mean 1.038
RMS 0.2625
size [# of strips]

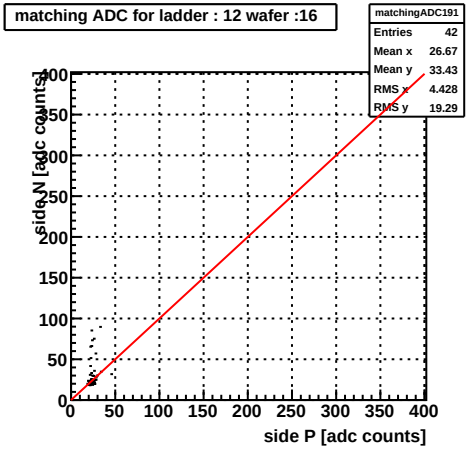

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

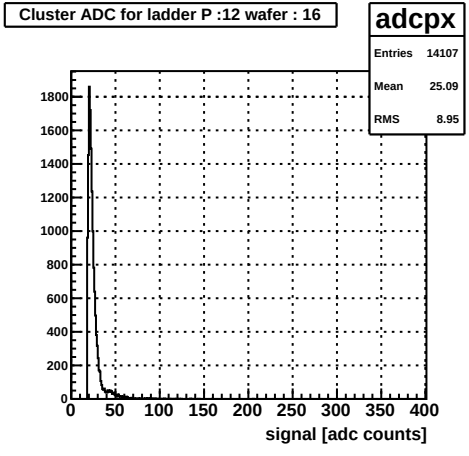

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 3
Mean 22.17
RMS 3.859
signal [adc counts]

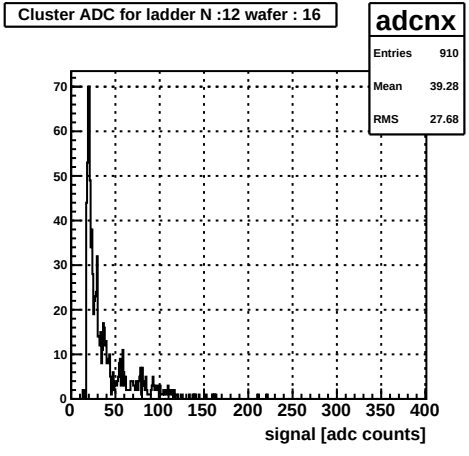

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 739
Mean 18.26
RMS 5.254
signal [adc counts]

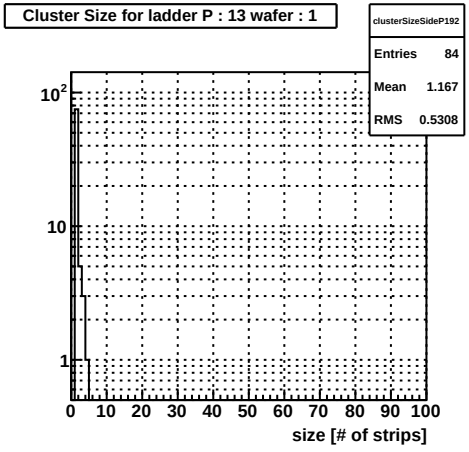

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 14107
Mean 1.047
RMS 0.226
size [# of strips]

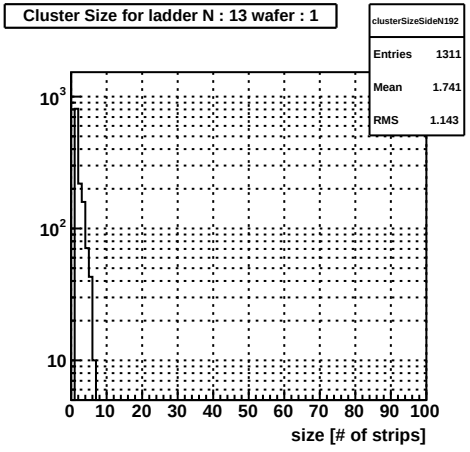

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 910
Mean 1.66
RMS 1.108
size [# of strips]

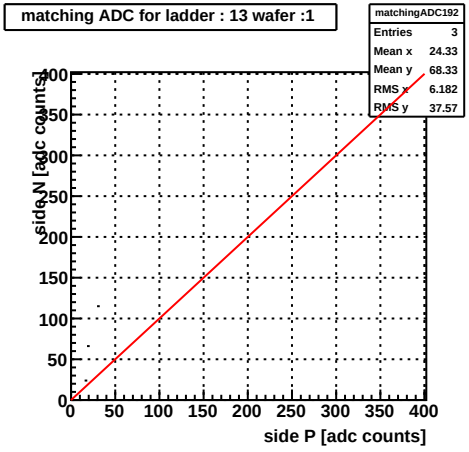

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 42
Mean x 26.67
Mean y 33.43
RMS x 4.428
RMS y 19.29
side N [adc counts]
side P [adc counts]

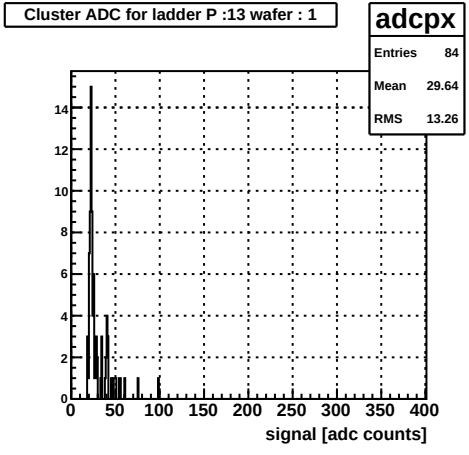

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 14107
Mean 25.09
RMS 8.95
signal [adc counts]

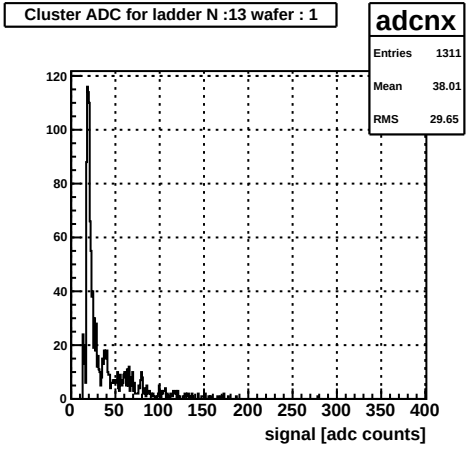

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 910
Mean 39.28
RMS 27.68
signal [adc counts]

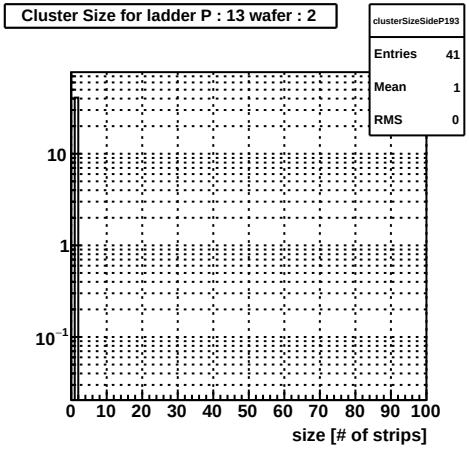

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 84
Mean 1.167
RMS 0.5308
size [# of strips]

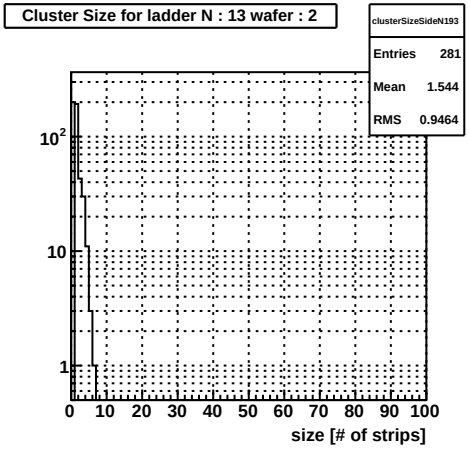

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1311
Mean 1.741
RMS 1.143
size [# of strips]

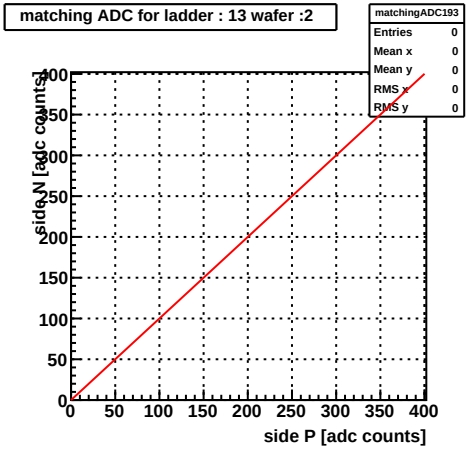

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 3
Mean x 24.33
Mean y 68.33
RMS x 6.182
RMS y 37.57
side N [adc counts]
side P [adc counts]

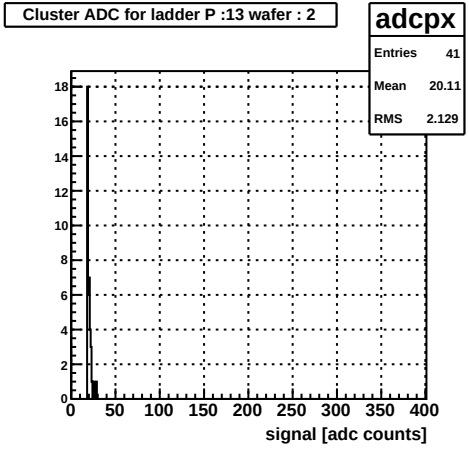

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 84
Mean 29.64
RMS 13.26
signal [adc counts]

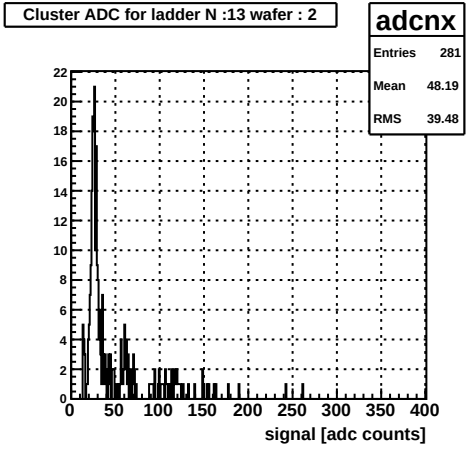

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1311
Mean 38.01
RMS 29.65
signal [adc counts]

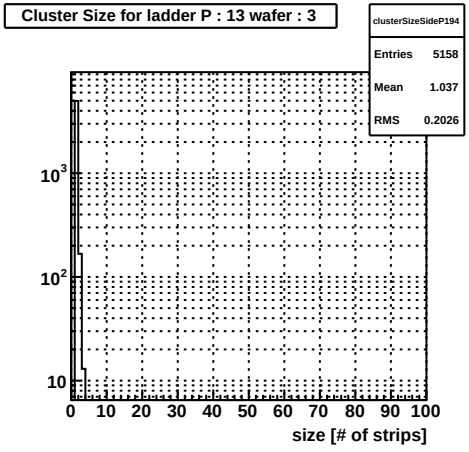

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 41
Mean 1
RMS 0
size [# of strips]

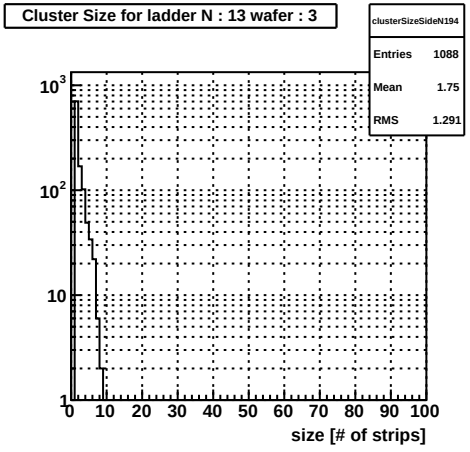

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 281
Mean 1.544
RMS 0.9464
size [# of strips]

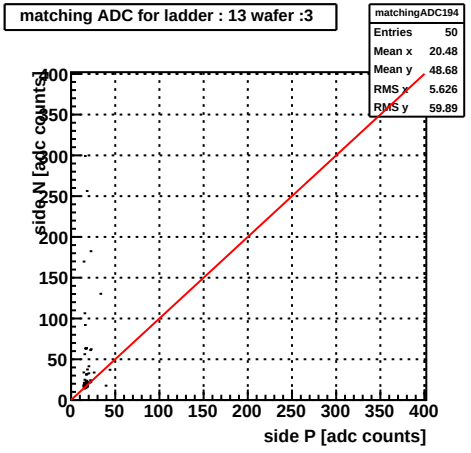

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

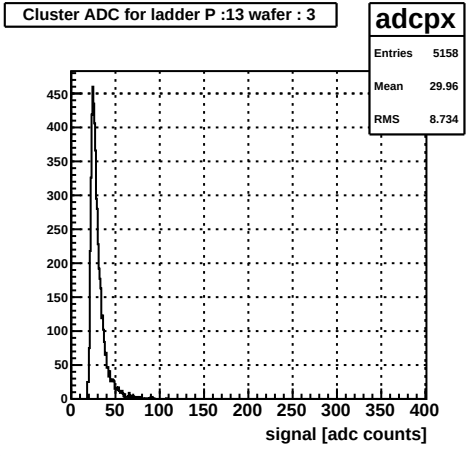

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 41
Mean 20.11
RMS 2.129
signal [adc counts]

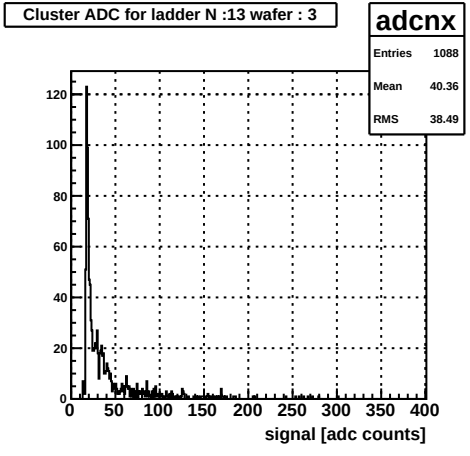

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 281
Mean 48.19
RMS 39.48
signal [adc counts]

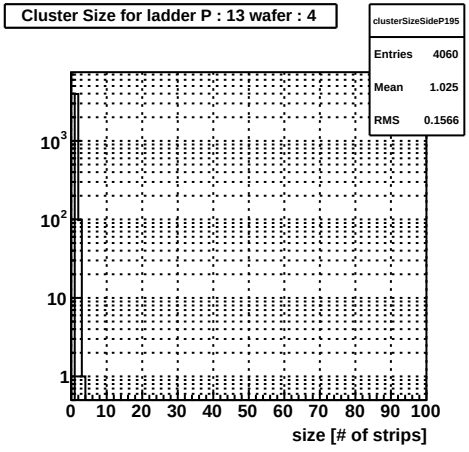

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5158
Mean 1.037
RMS 0.2026
size [# of strips]

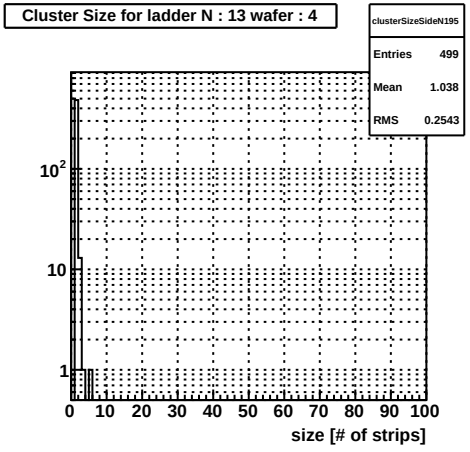

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1088
Mean 1.75
RMS 1.291
size [# of strips]

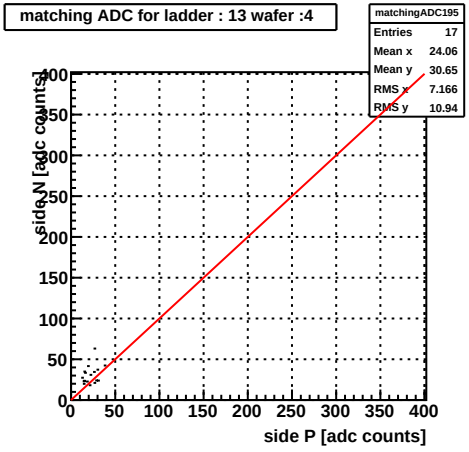

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 50
Mean x 20.48
Mean y 48.68
RMS x 5.626
RMS y 59.89
side N [adc counts]
side P [adc counts]

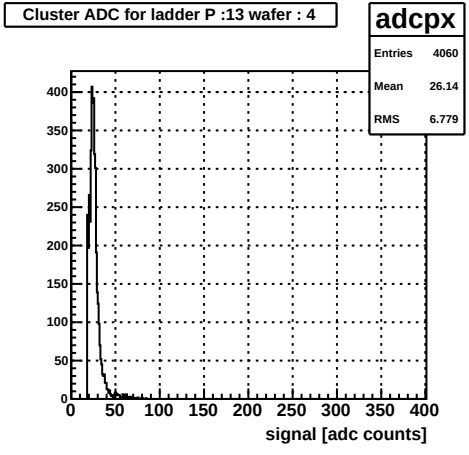

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5158
Mean 29.96
RMS 8.734
signal [adc counts]

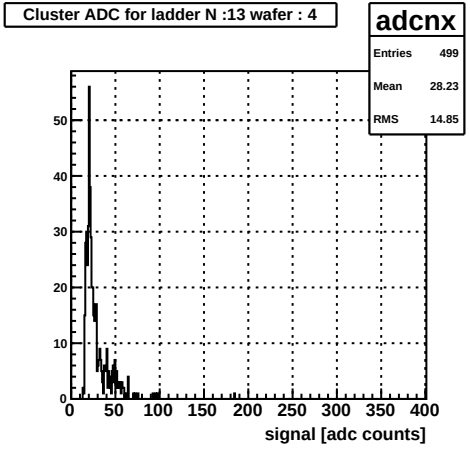

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1088
Mean 40.36
RMS 38.49
signal [adc counts]

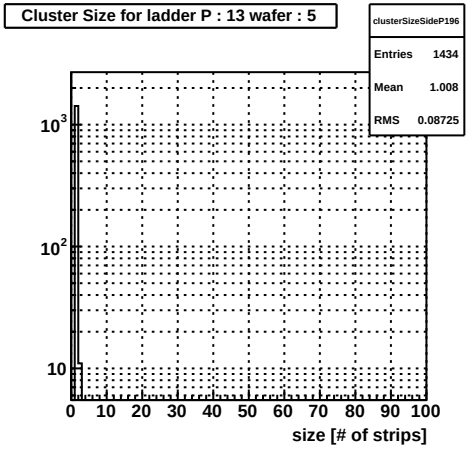

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4060
Mean 1.025
RMS 0.1566
size [# of strips]

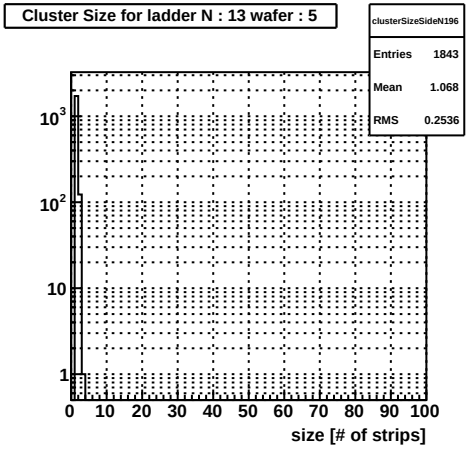

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 499
Mean 1.038
RMS 0.2543
size [# of strips]

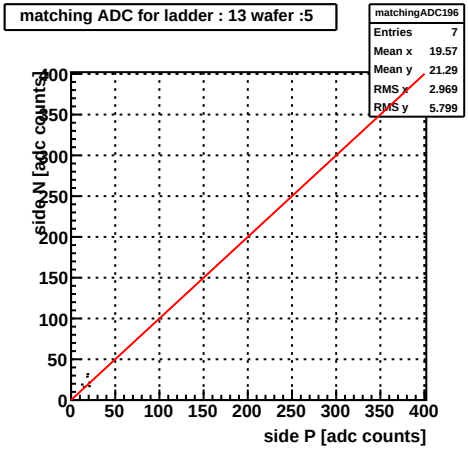

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 17
Mean x 24.06
Mean y 30.65
RMS x 7.166
RMS y 10.94
side N [adc counts]
side P [adc counts]

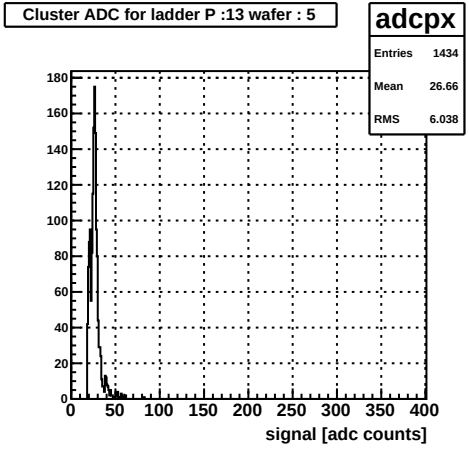

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4060
Mean 26.14
RMS 6.779
signal [adc counts]

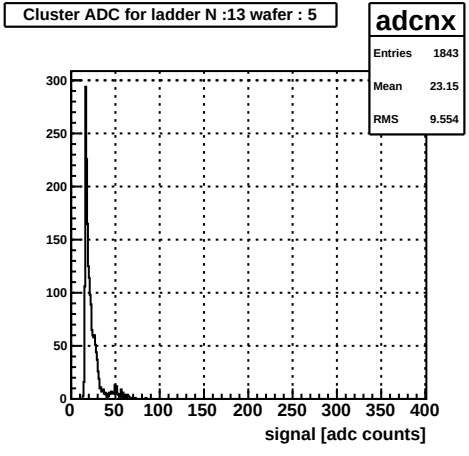

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 499
Mean 28.23
RMS 14.85
signal [adc counts]

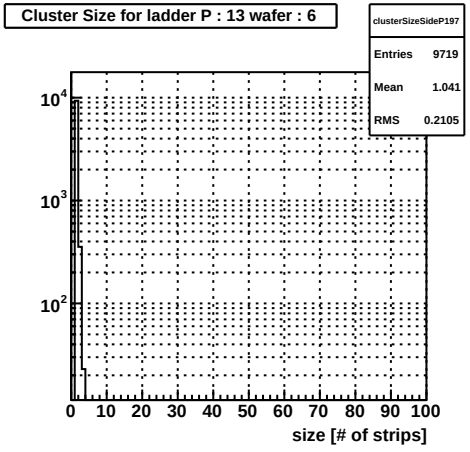

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1434
Mean 1.008
RMS 0.08725
size [# of strips]

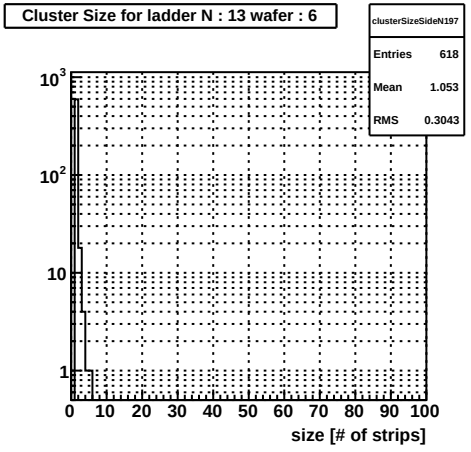

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1843
Mean 1.068
RMS 0.2536
size [# of strips]

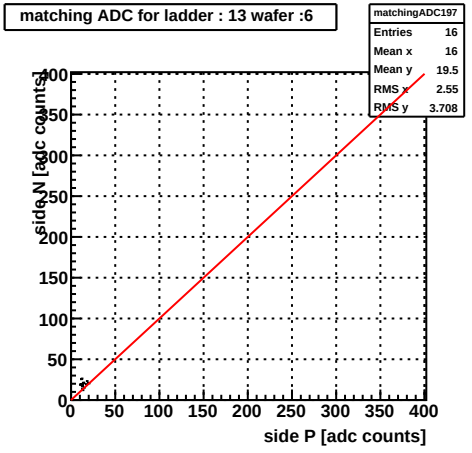

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7
Mean x 19.57
Mean y 21.29
RMS x 2.969
RMS y 5.799
side N [adc counts]
side P [adc counts]

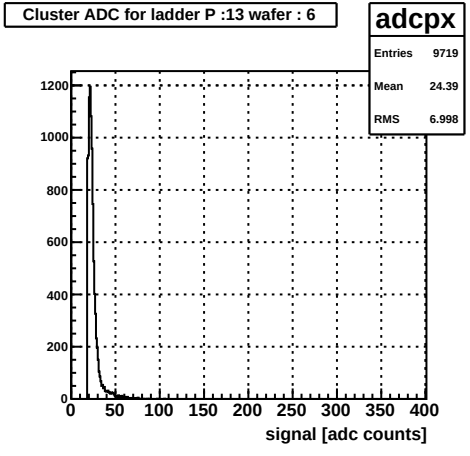

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1434
Mean 26.66
RMS 6.038
signal [adc counts]

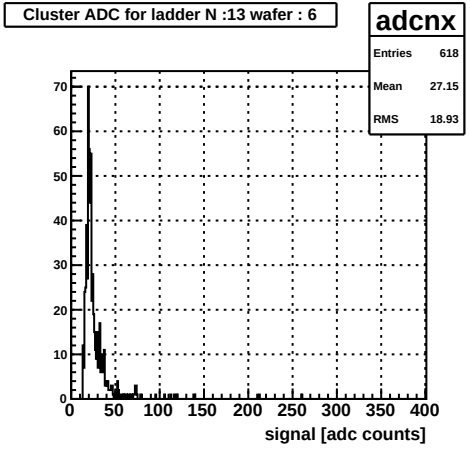

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1843
Mean 23.15
RMS 9.554
signal [adc counts]

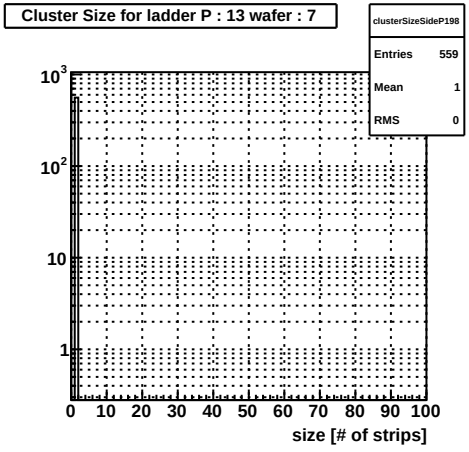

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9719
Mean 1.041
RMS 0.2105
size [# of strips]

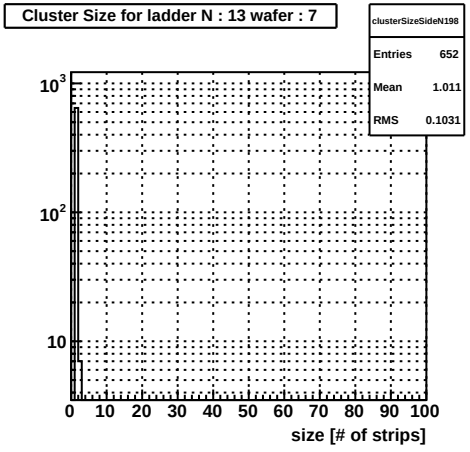

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 618
Mean 1.053
RMS 0.3043
size [# of strips]

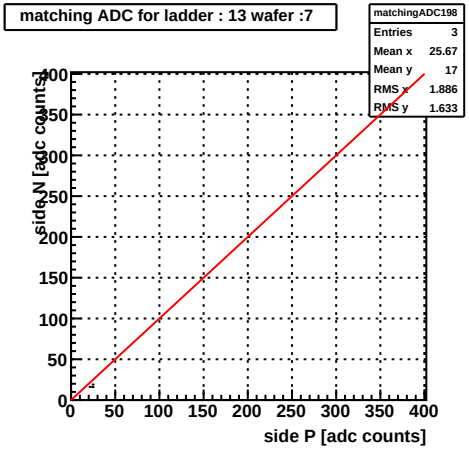

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 16
Mean x 16
Mean y 19.5
RMS x 2.55
RMS y 3.708
side N [adc counts]
side P [adc counts]

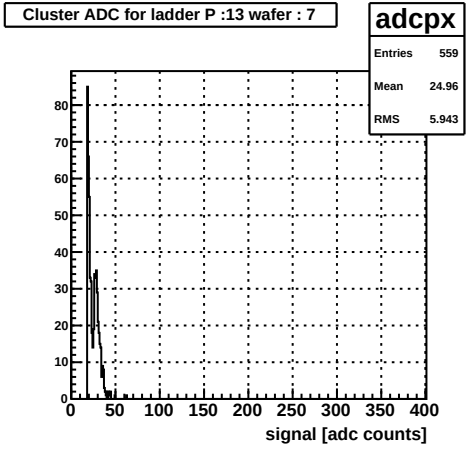

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9719
Mean 24.39
RMS 6.998
signal [adc counts]

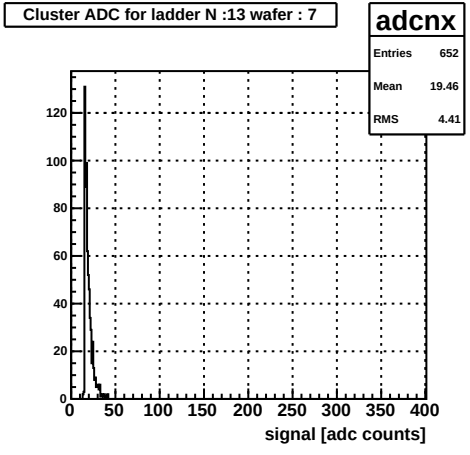

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 618
Mean 27.15
RMS 18.93
signal [adc counts]

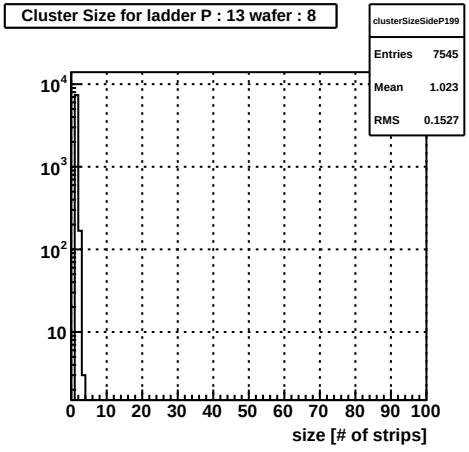

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 559
Mean 1
RMS 0
size [# of strips]

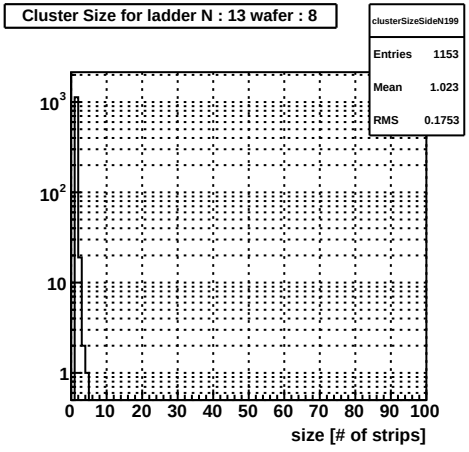

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 652
Mean 1.011
RMS 0.1031
size [# of strips]

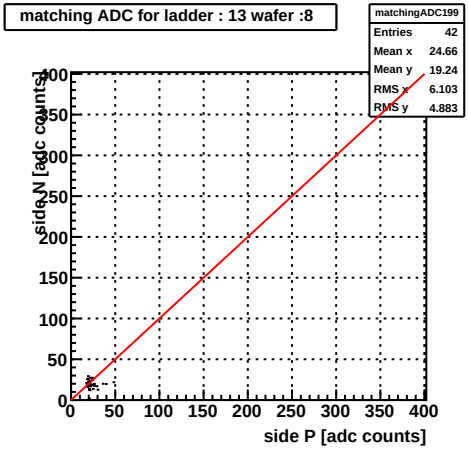

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 3
Mean x 25.67
Mean y 17
RMS x 1.886
RMS y 1.633
side N [adc counts]
side P [adc counts]

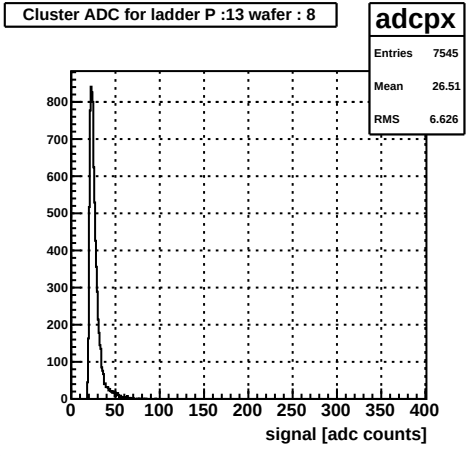

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 559
Mean 24.96
RMS 5.943
signal [adc counts]

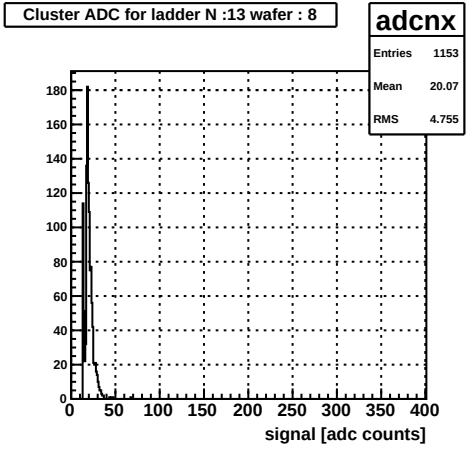

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 652
Mean 19.46
RMS 4.41
signal [adc counts]

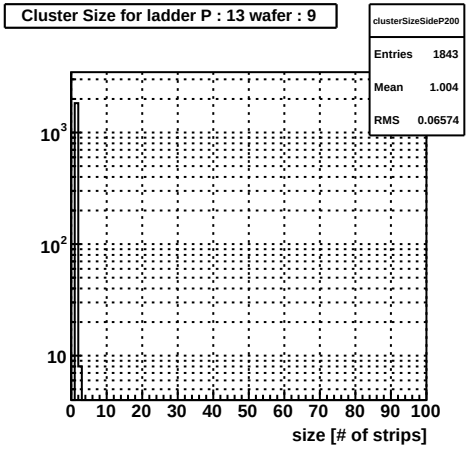

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 7545
Mean 1.023
RMS 0.1527
size [# of strips]

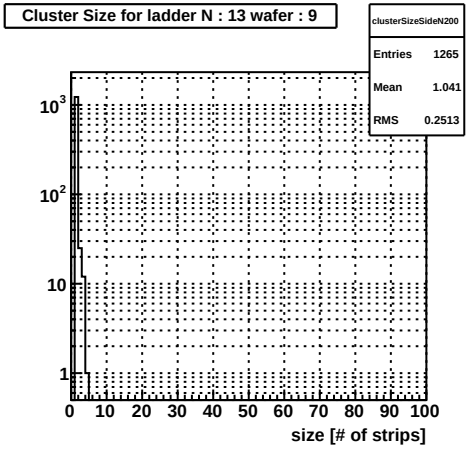

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1153
Mean 1.023
RMS 0.1753
size [# of strips]

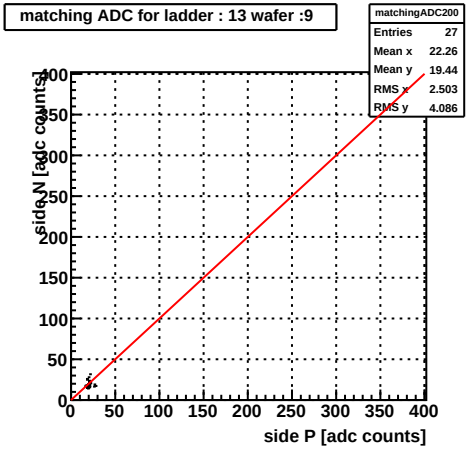

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 42
Mean x 24.66
Mean y 19.24
RMS x 6.103
RMS y 4.883
side N [adc counts]
side P [adc counts]

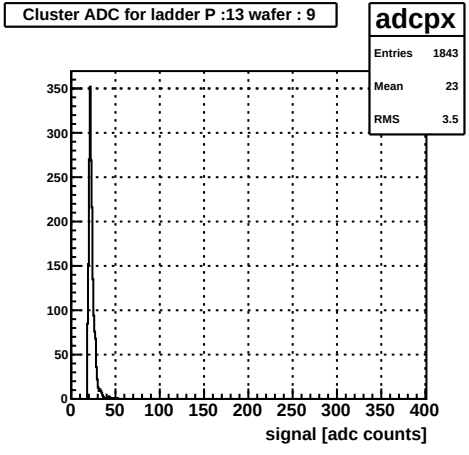

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 7545
Mean 26.51
RMS 6.626
signal [adc counts]

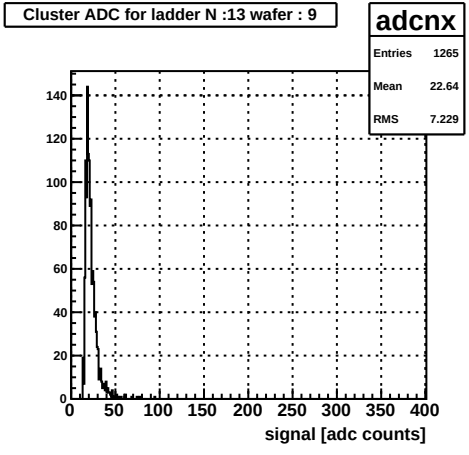

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1153
Mean 20.07
RMS 4.755
signal [adc counts]

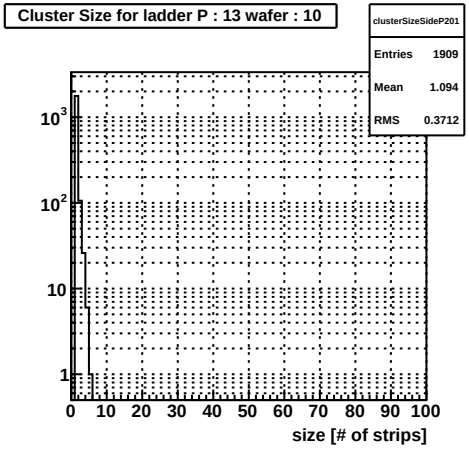

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1843
Mean 1.004
RMS 0.06574
size [# of strips]

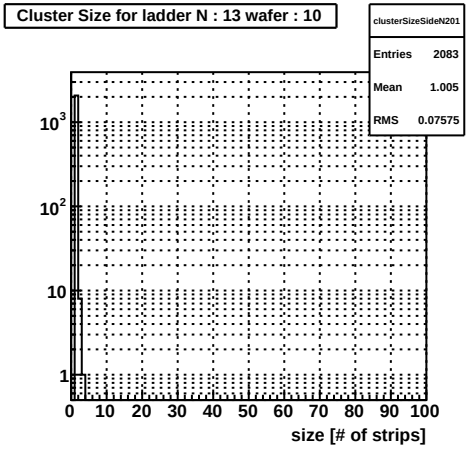

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 1265
Mean 1.041
RMS 0.2513
size [# of strips]

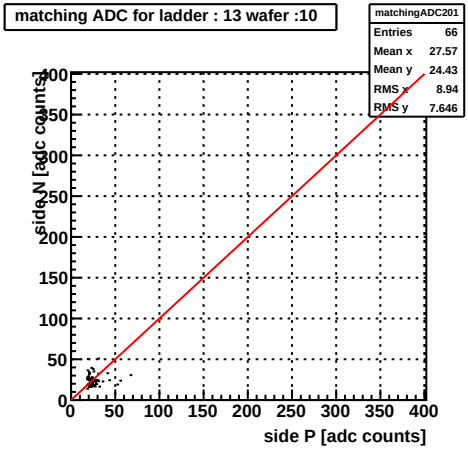

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 27
Mean x 22.26
Mean y 19.44
RMS x 2.503
RMS y 4.086
side N [adc counts]
side P [adc counts]

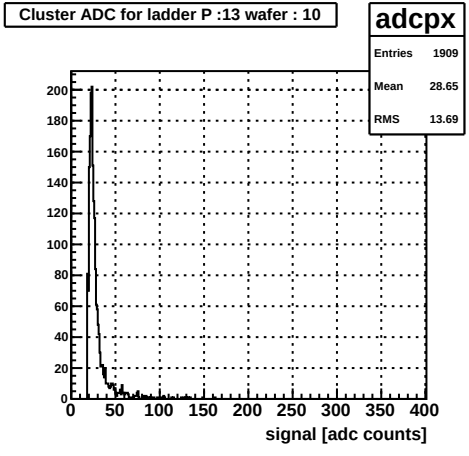

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1843
Mean 23
RMS 3.5
signal [adc counts]

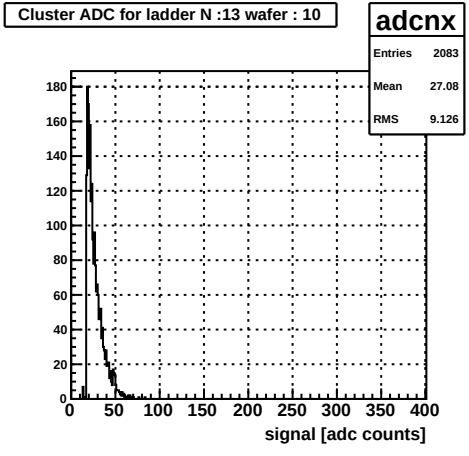

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 1265
Mean 22.64
RMS 7.229
signal [adc counts]

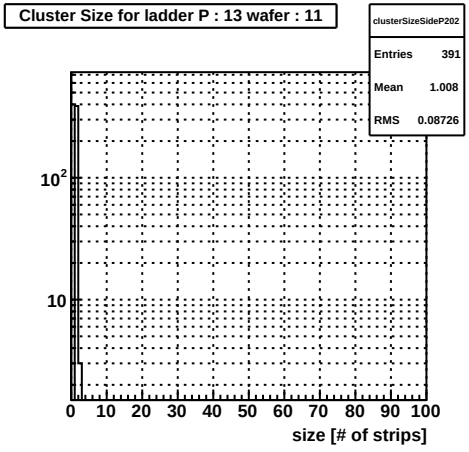

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1909
Mean 1.094
RMS 0.3712
size [# of strips]

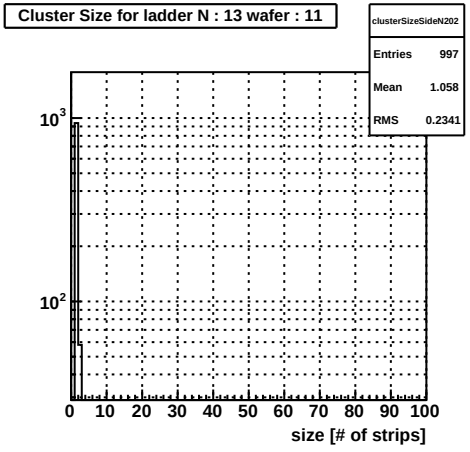

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2083
Mean 1.005
RMS 0.07575
size [# of strips]

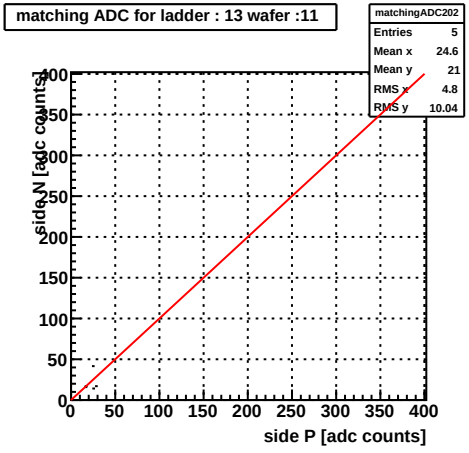

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 66
Mean x 27.57
Mean y 24.43
RMS x 8.94
RMS y 7.646
side N [adc counts]
side P [adc counts]

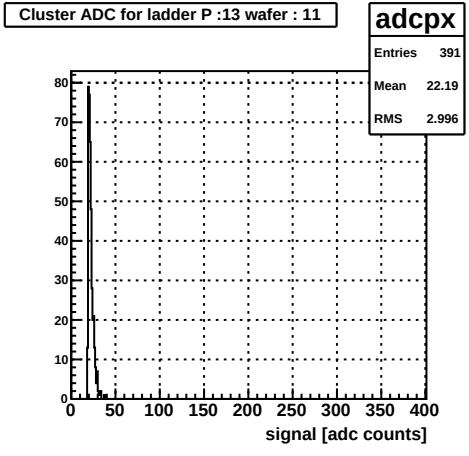

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1909
Mean 28.65
RMS 13.69
signal [adc counts]

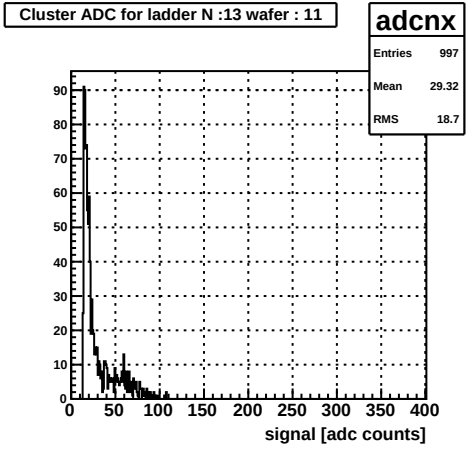

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2083
Mean 27.08
RMS 9.126
signal [adc counts]

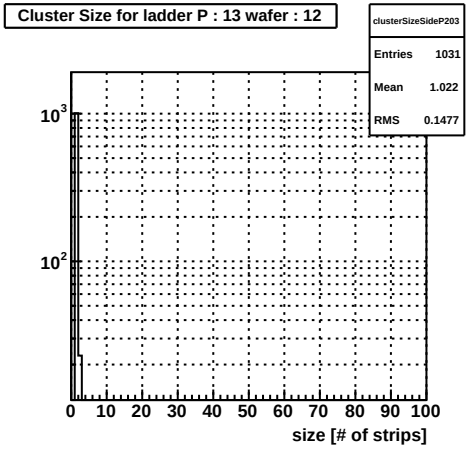

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 391
Mean 1.008
RMS 0.08726
size [# of strips]

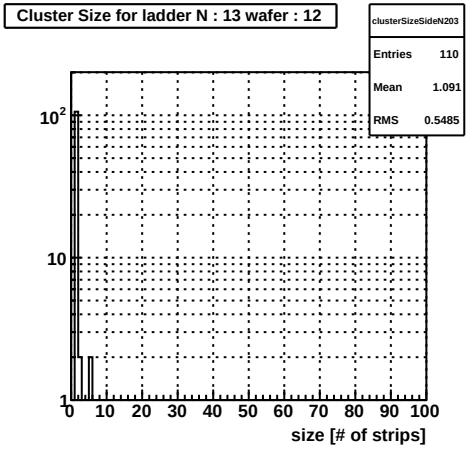

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 997
Mean 1.058
RMS 0.2341
size [# of strips]

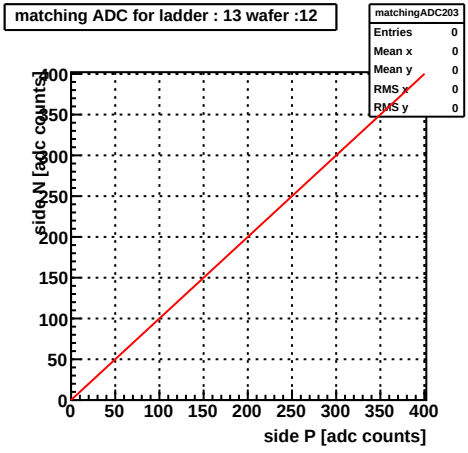

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 5
Mean x 24.6
Mean y 21
RMS x 4.8
RMS y 10.04
side N [adc counts]
side P [adc counts]

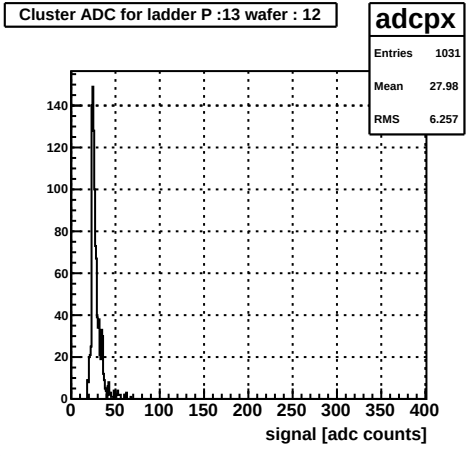

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 391
Mean 22.19
RMS 2.996
signal [adc counts]

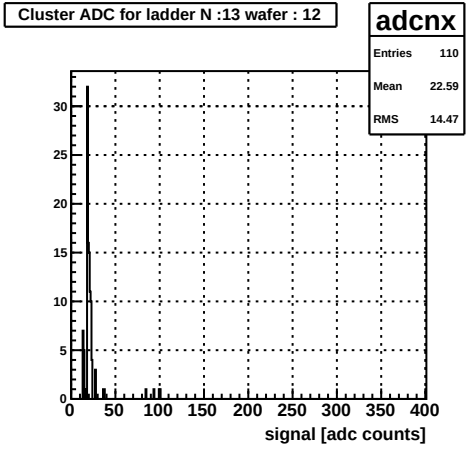

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 997
Mean 29.32
RMS 18.7
signal [adc counts]

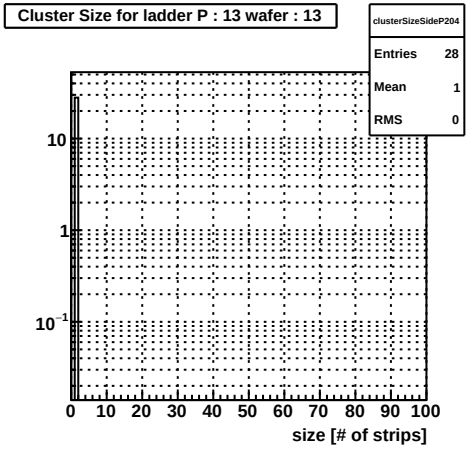

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1031
Mean 1.022
RMS 0.1477
size [# of strips]

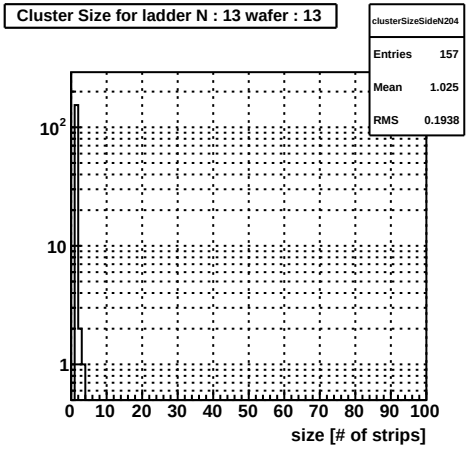

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 110
Mean 1.091
RMS 0.5485
size [# of strips]

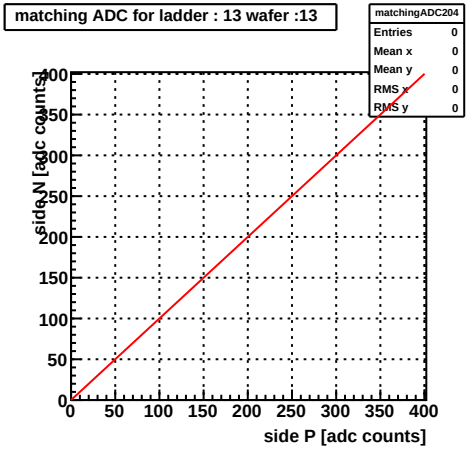

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

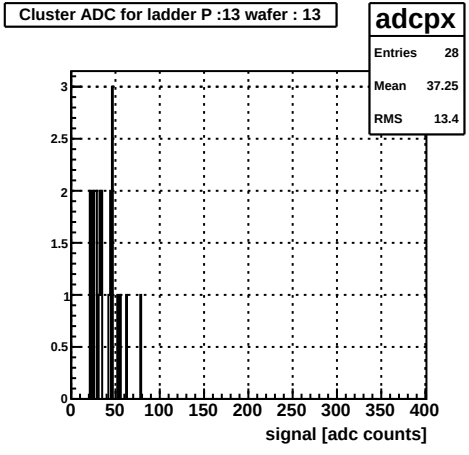

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1031
Mean 27.98
RMS 6.257
signal [adc counts]

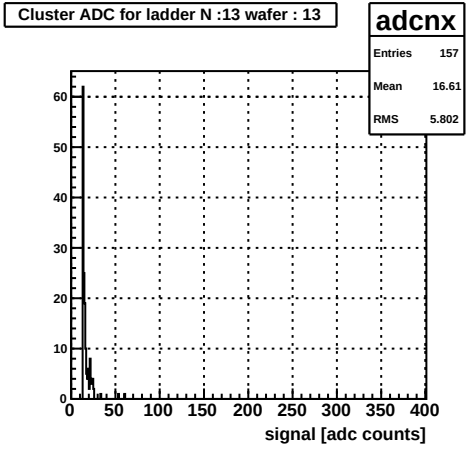

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 110
Mean 22.59
RMS 14.47
signal [adc counts]

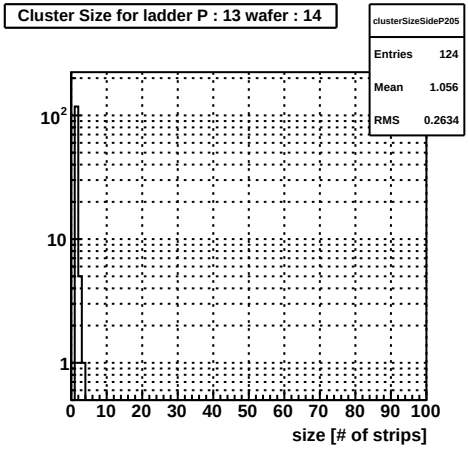

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 28
Mean 1
RMS 0
size [# of strips]

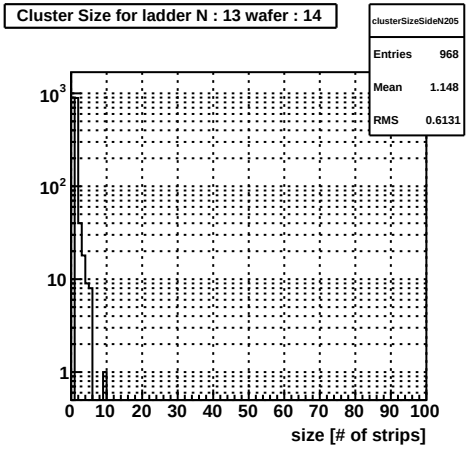

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 157
Mean 1.025
RMS 0.1938
size [# of strips]

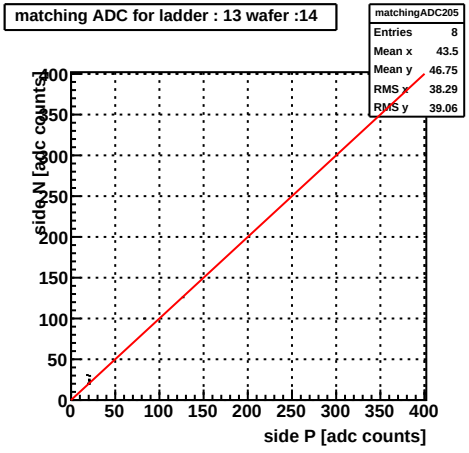

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

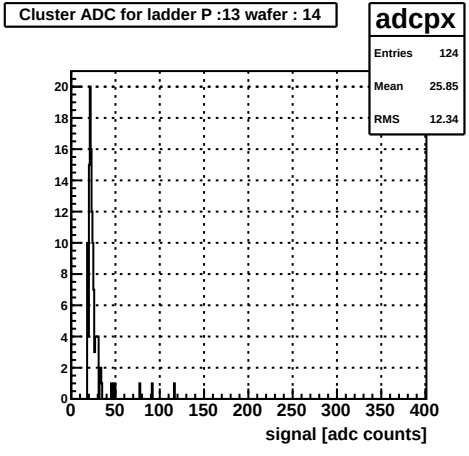

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 28
Mean 37.25
RMS 13.4
signal [adc counts]

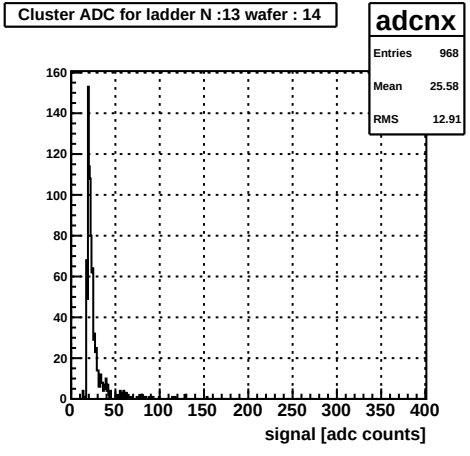

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 157
Mean 16.61
RMS 5.802
signal [adc counts]

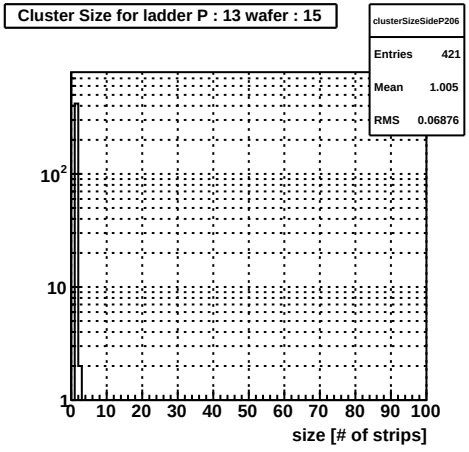

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 124
Mean 1.056
RMS 0.2634
size [# of strips]

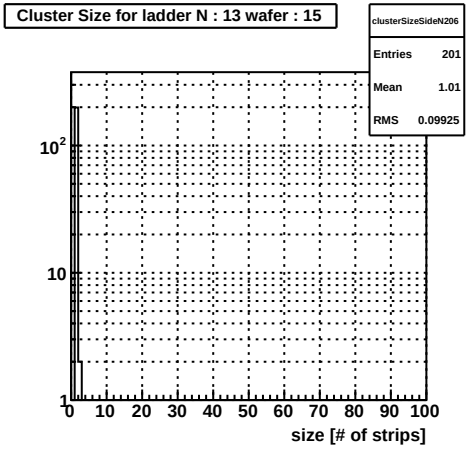

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 968
Mean 1.148
RMS 0.6131
size [# of strips]

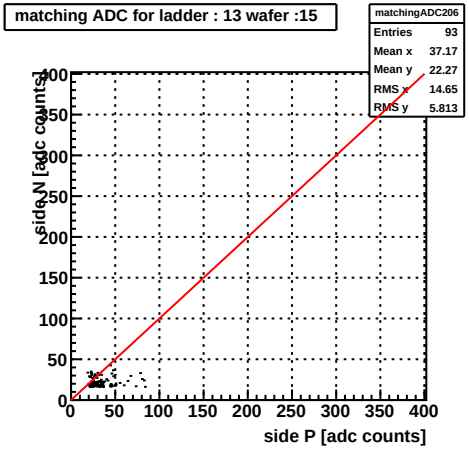

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 8
Mean x 43.5
Mean y 46.75
RMS x 38.29
RMS y 39.06
side N [adc counts]
side P [adc counts]

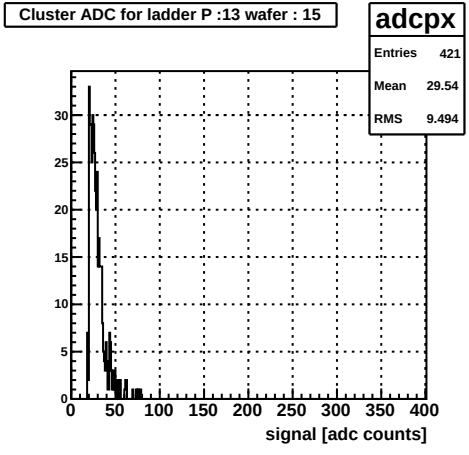

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 124
Mean 25.85
RMS 12.34
signal [adc counts]

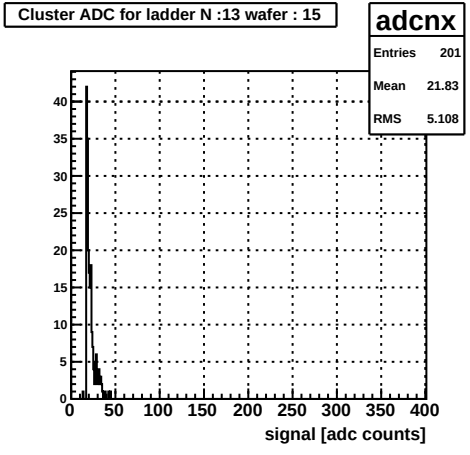

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 968
Mean 25.58
RMS 12.91
signal [adc counts]

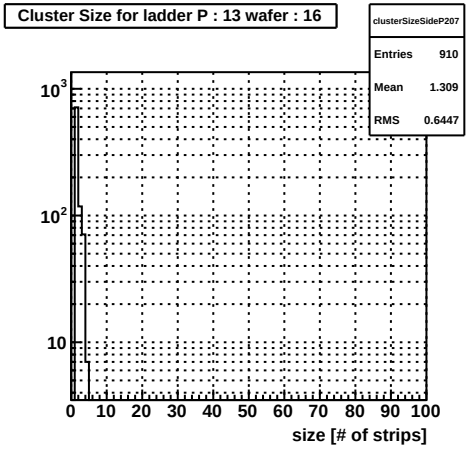

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 421
Mean 1.005
RMS 0.06876
size [# of strips]

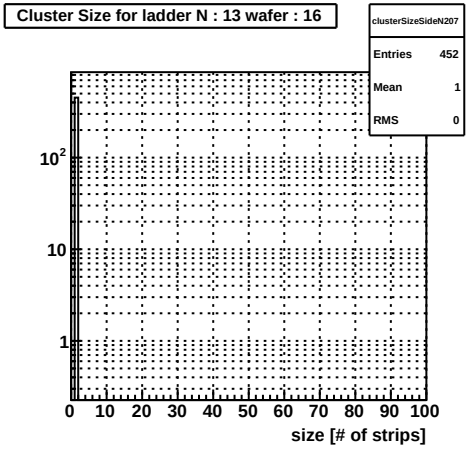

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 201
Mean 1.01
RMS 0.09925
size [# of strips]

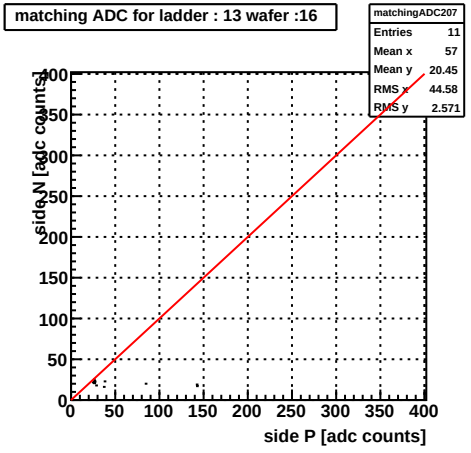

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 93
Mean x 37.17
Mean y 22.27
RMS x 14.65
RMS y 5.813
side N [adc counts]
side P [adc counts]

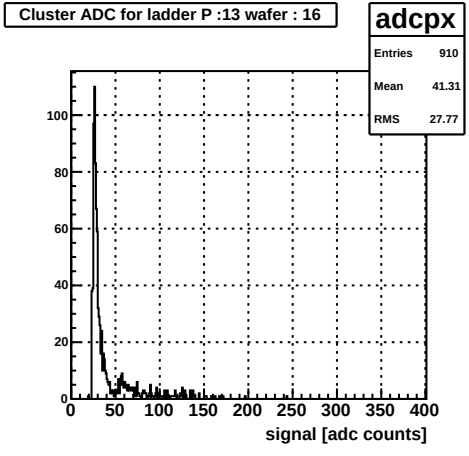

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 421
Mean 29.54
RMS 9.494
signal [adc counts]

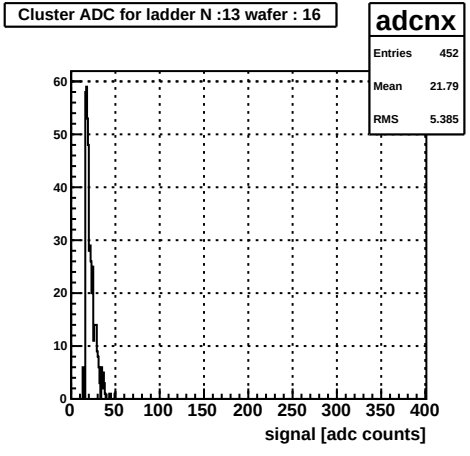

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 201
Mean 21.83
RMS 5.108
signal [adc counts]

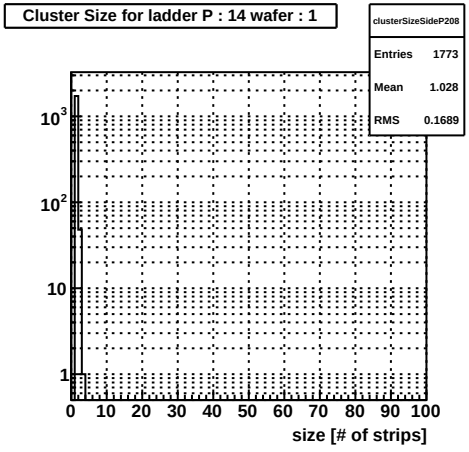

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 910
Mean 1.309
RMS 0.6447
size [# of strips]

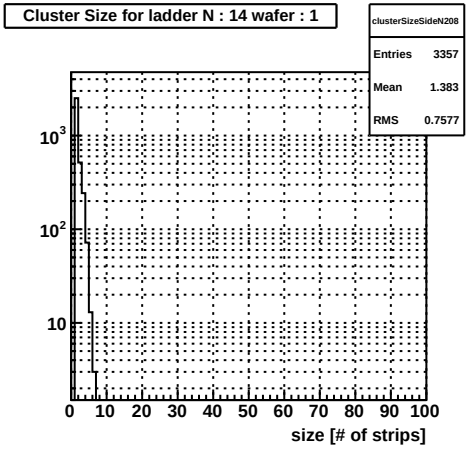

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 452
Mean 1
RMS 0
size [# of strips]

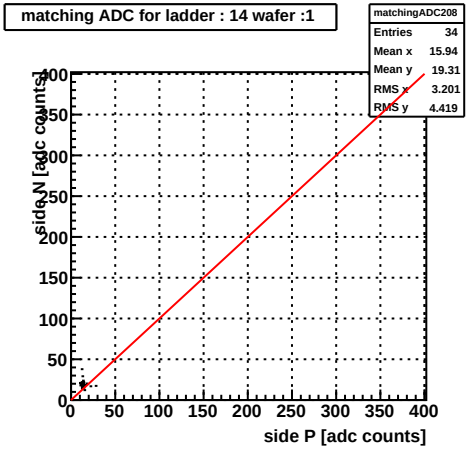

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 11
Mean x 57
Mean y 20.45
RMS x 44.58
RMS y 2.571
side N [adc counts]
side P [adc counts]

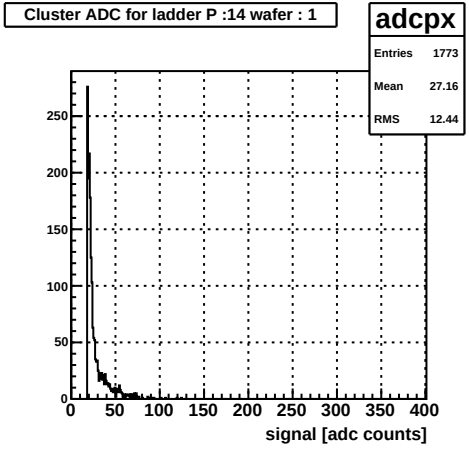

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 910
Mean 41.31
RMS 27.77
signal [adc counts]

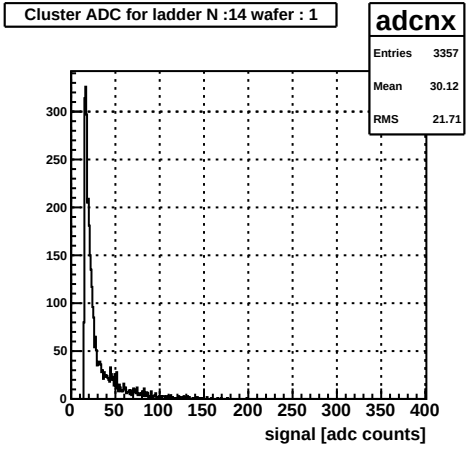

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 452
Mean 21.79
RMS 5.385
signal [adc counts]

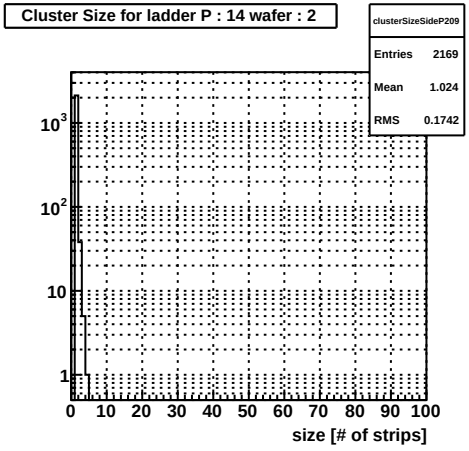

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1773
Mean 1.028
RMS 0.1689
size [# of strips]

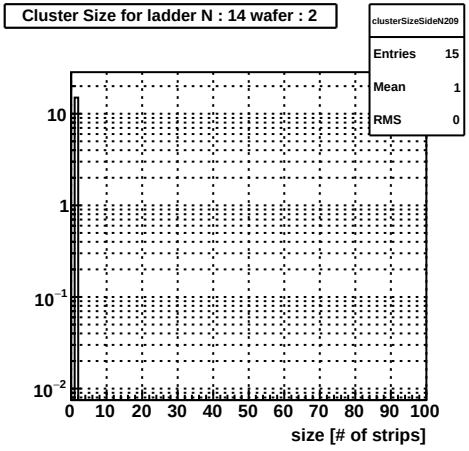

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 3357
Mean 1.383
RMS 0.7577
size [# of strips]

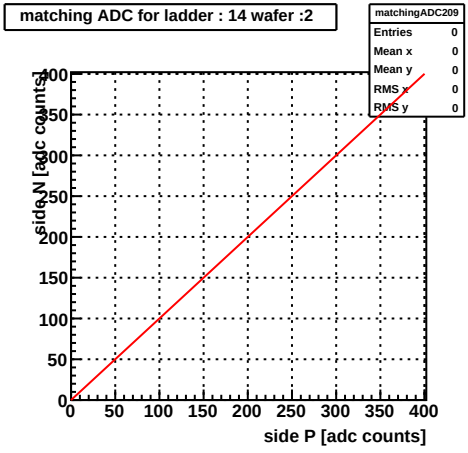

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 34
Mean x 15.94
Mean y 19.31
RMS x 3.201
RMS y 4.419
side N [adc counts]
side P [adc counts]

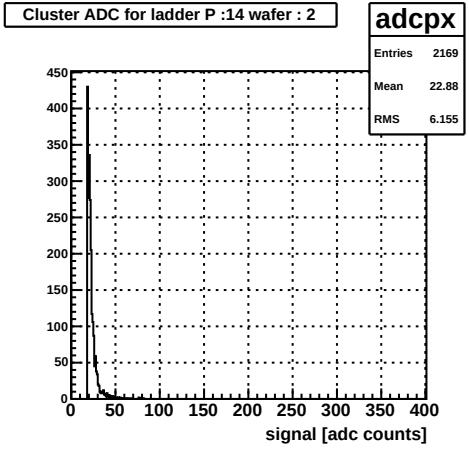

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1773
Mean 27.16
RMS 12.44
signal [adc counts]

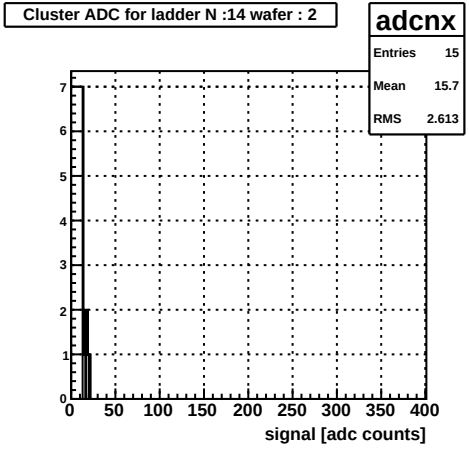

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 3357
Mean 30.12
RMS 21.71
signal [adc counts]

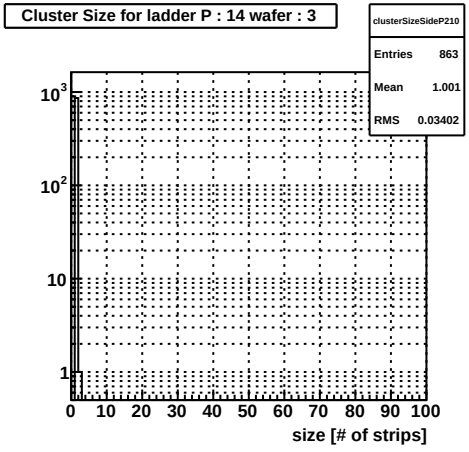

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2169
Mean 1.024
RMS 0.1742
size [# of strips]

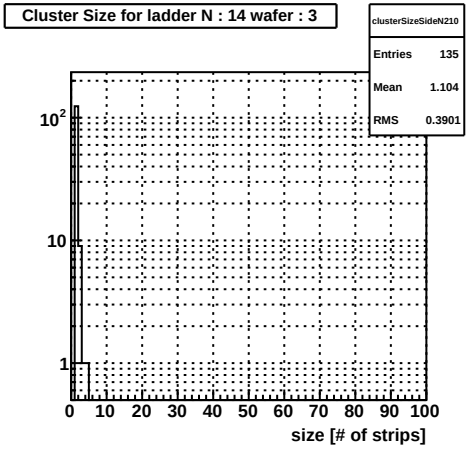

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 15
Mean 1
RMS 0
size [# of strips]

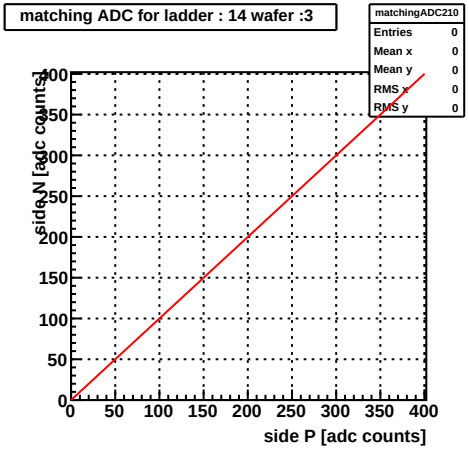

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

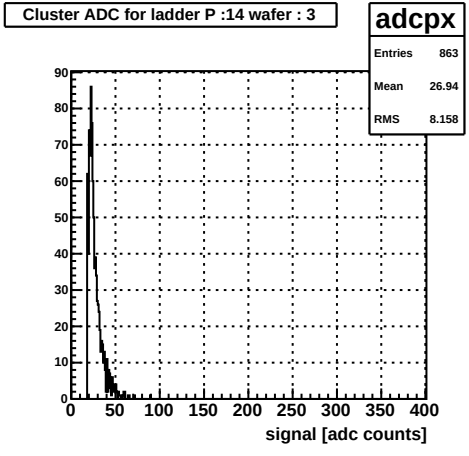

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2169
Mean 22.88
RMS 6.155
signal [adc counts]

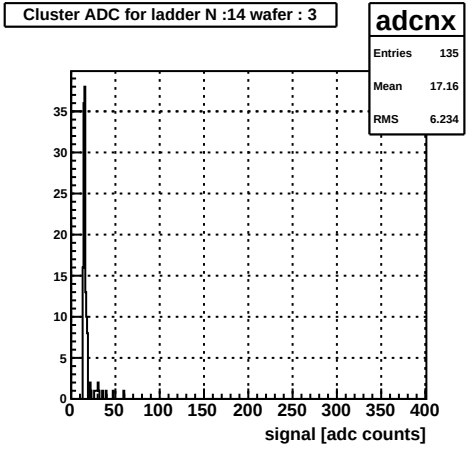

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 15
Mean 15.7
RMS 2.613
signal [adc counts]

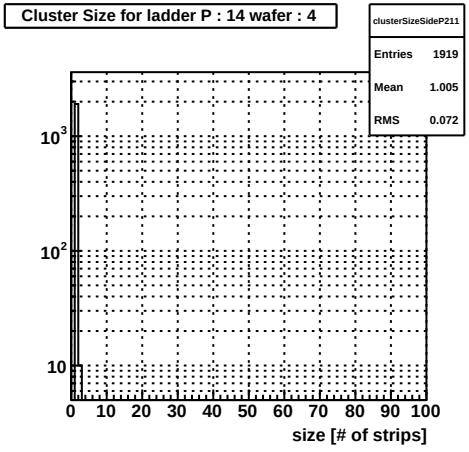

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 863
Mean 1.001
RMS 0.03402
size [# of strips]

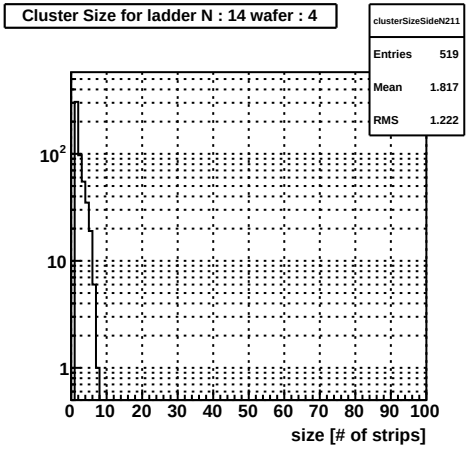

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 135
Mean 1.104
RMS 0.3901
size [# of strips]

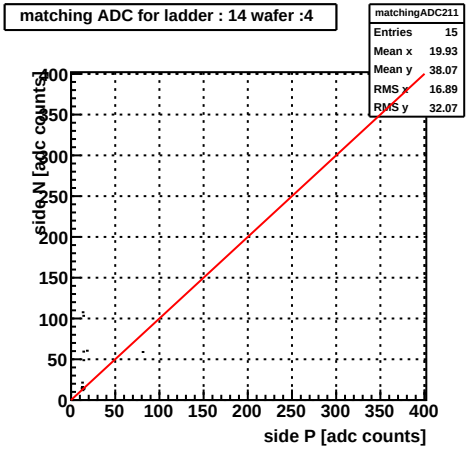

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

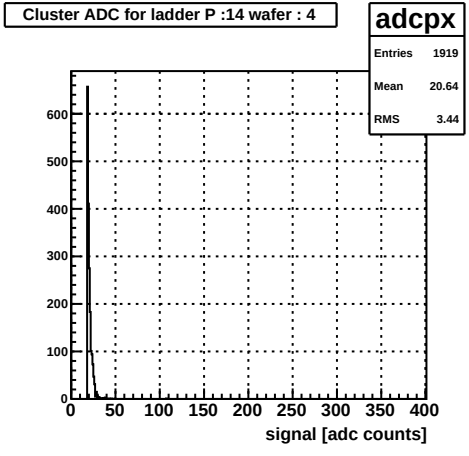

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 863
Mean 26.94
RMS 8.158
signal [adc counts]

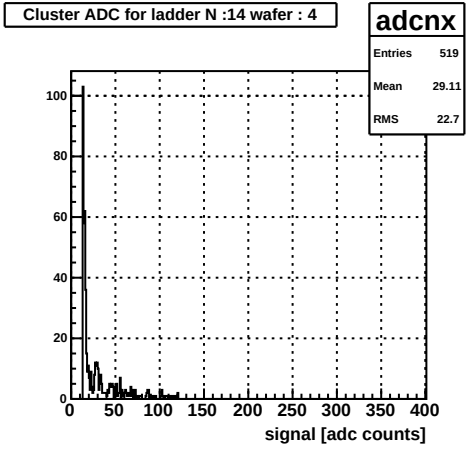

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 135
Mean 17.16
RMS 6.234
signal [adc counts]

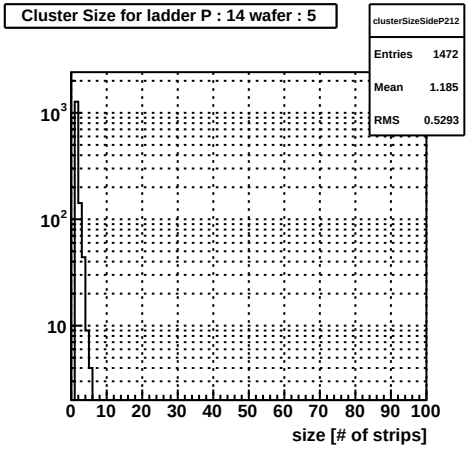

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1919
Mean 1.005
RMS 0.072
size [# of strips]

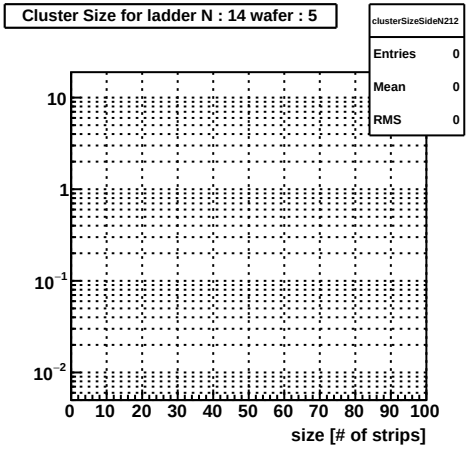

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 519
Mean 1.817
RMS 1.222
size [# of strips]

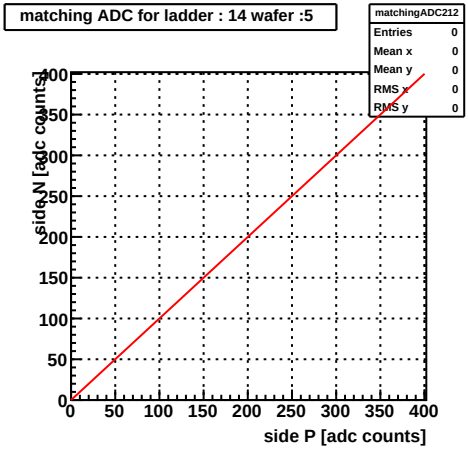

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 15
Mean x 19.93
Mean y 38.07
RMS x 16.89
RMS y 32.07
side N [adc counts]
side P [adc counts]

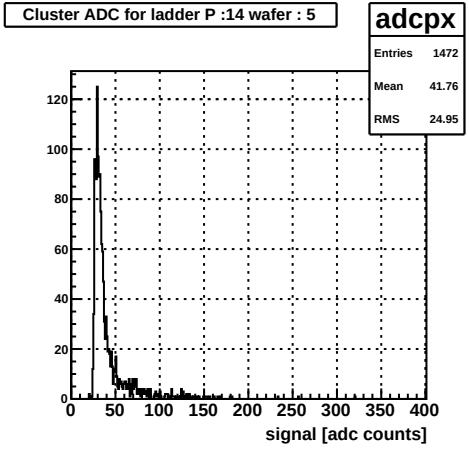

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1919
Mean 20.64
RMS 3.44
signal [adc counts]

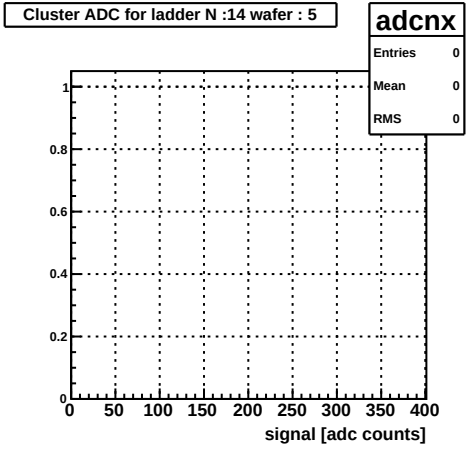

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 519
Mean 29.11
RMS 22.7
signal [adc counts]

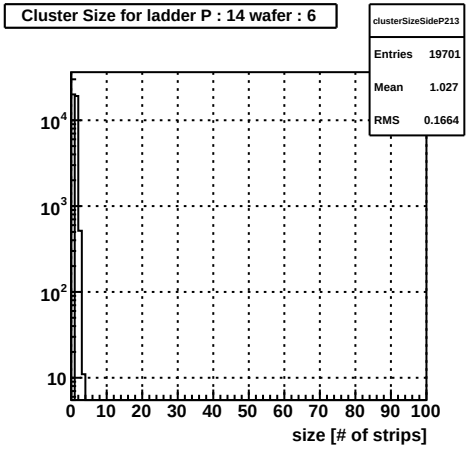

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1472
Mean 1.185
RMS 0.5293
size [# of strips]

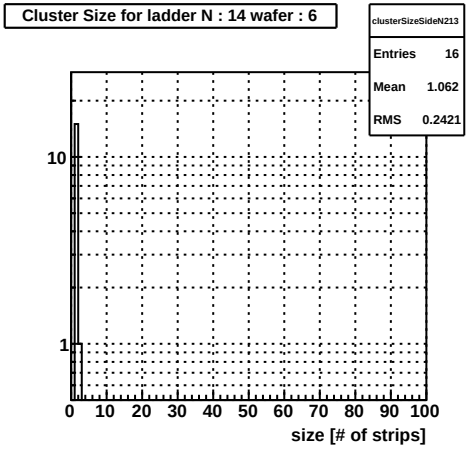

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

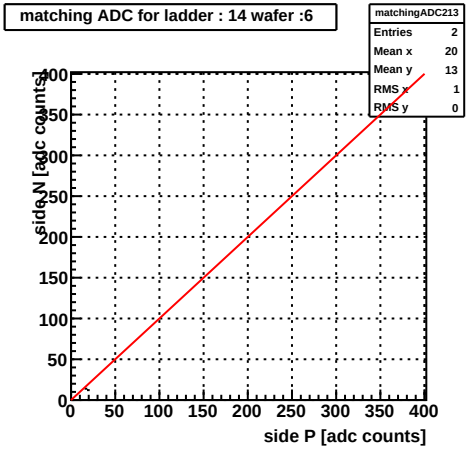

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

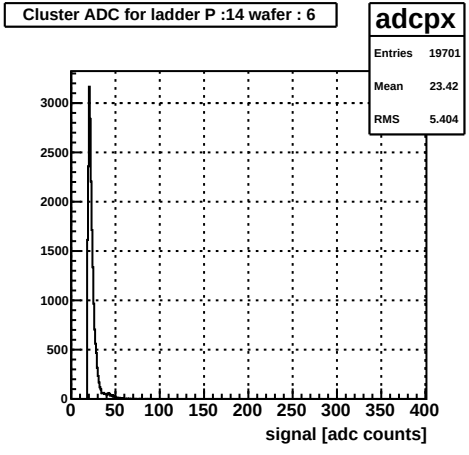

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1472
Mean 41.76
RMS 24.95
signal [adc counts]

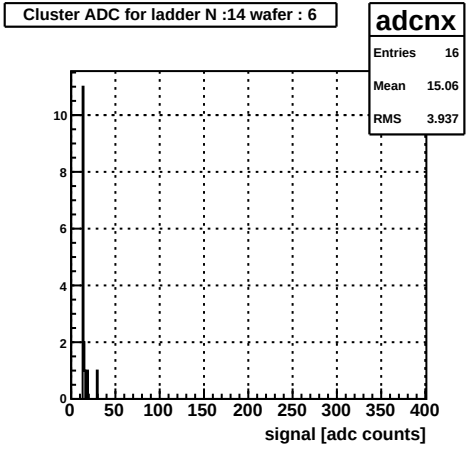

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

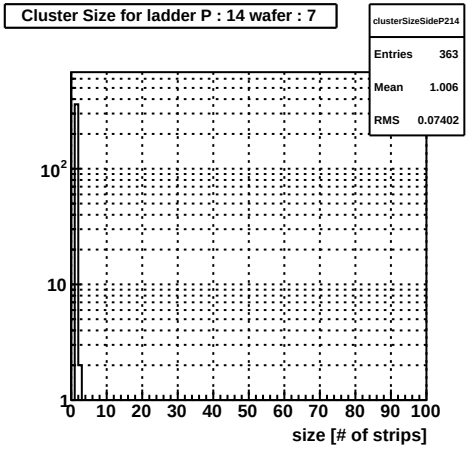

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19701
Mean 1.027
RMS 0.1664
size [# of strips]

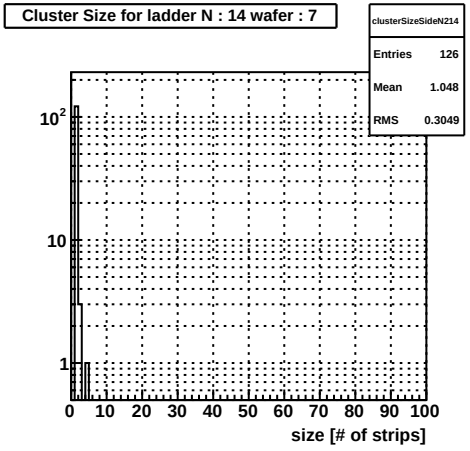

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

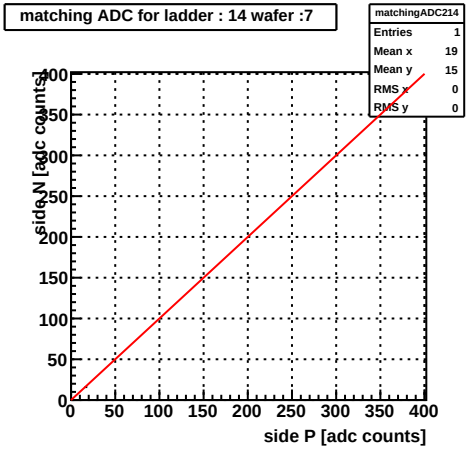

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 2
Mean x 20
Mean y 13
RMS x 1
RMS y 0
side N [adc counts]
side P [adc counts]

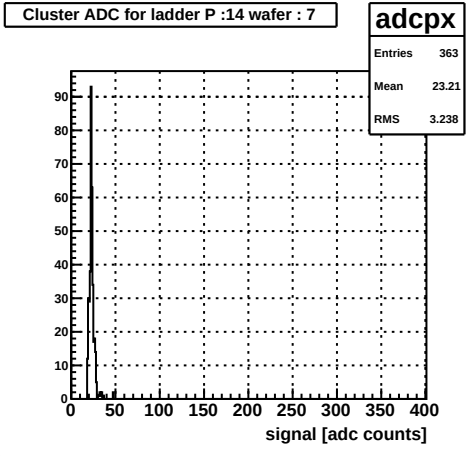

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19701
Mean 23.42
RMS 5.404
signal [adc counts]

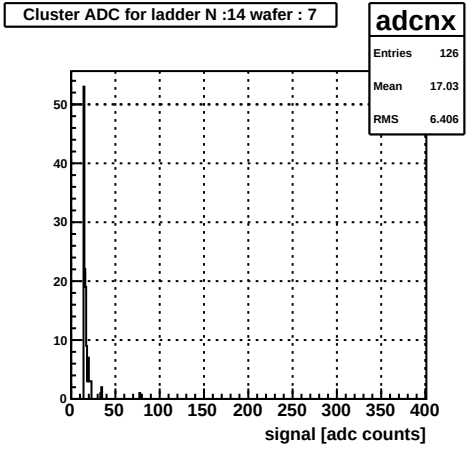

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 16
Mean 15.06
RMS 3.937
signal [adc counts]

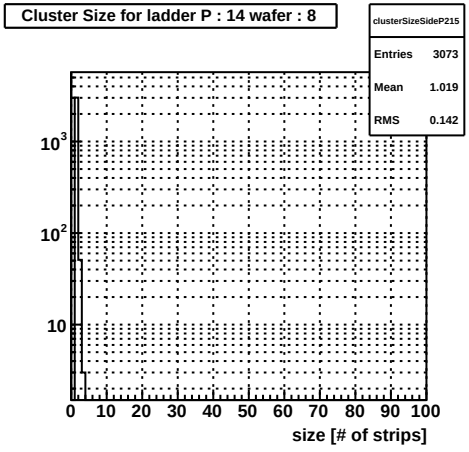

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 363
Mean 1.006
RMS 0.07402
size [# of strips]

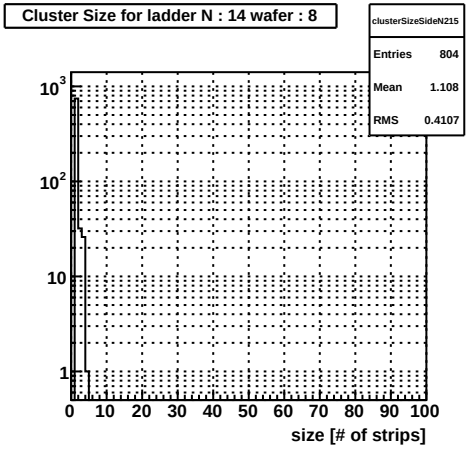

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 126
Mean 1.048
RMS 0.3049
size [# of strips]

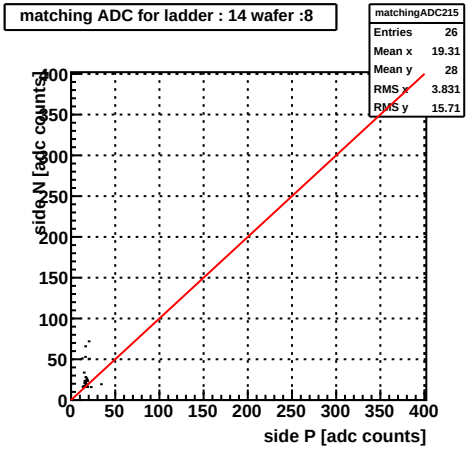

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1
Mean x 19
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

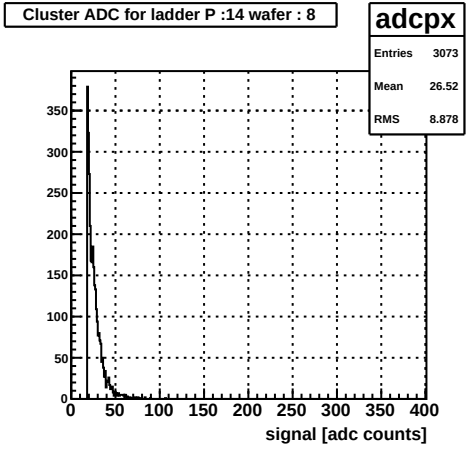

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 363
Mean 23.21
RMS 3.238
signal [adc counts]

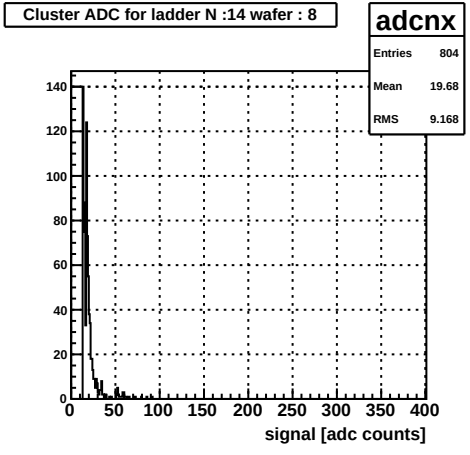

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 126
Mean 17.03
RMS 6.406
signal [adc counts]

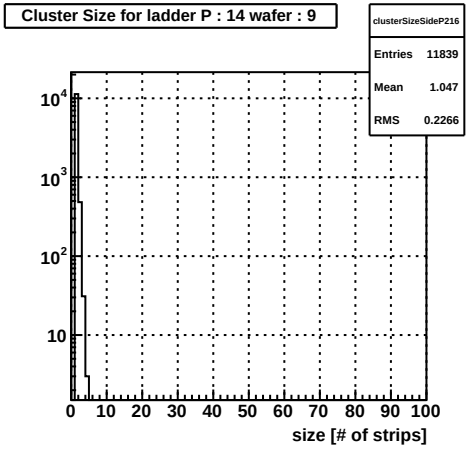

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 3073
Mean 1.019
RMS 0.142
size [# of strips]

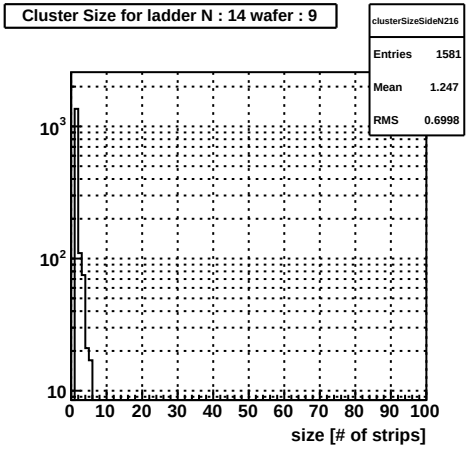

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 804
Mean 1.108
RMS 0.4107
size [# of strips]

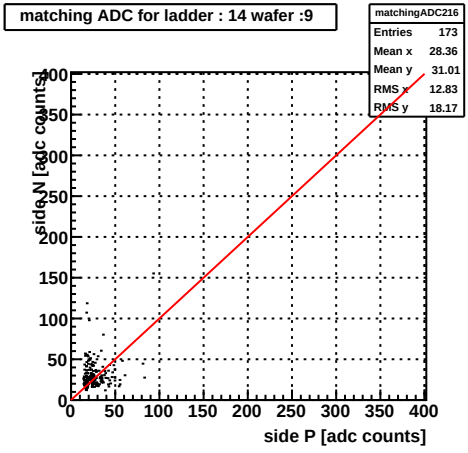

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 26
Mean x 19.31
Mean y 28
RMS x 3.831
RMS y 15.71
side N [adc counts]
side P [adc counts]

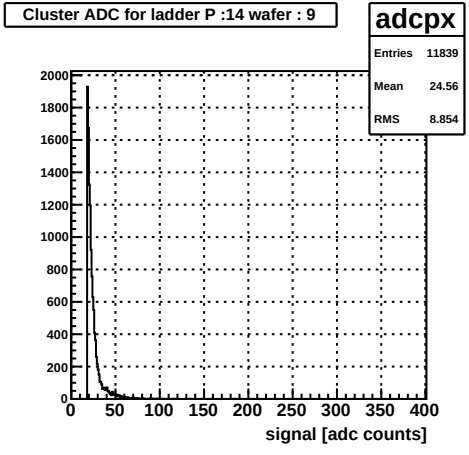

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 3073
Mean 26.52
RMS 8.878
signal [adc counts]

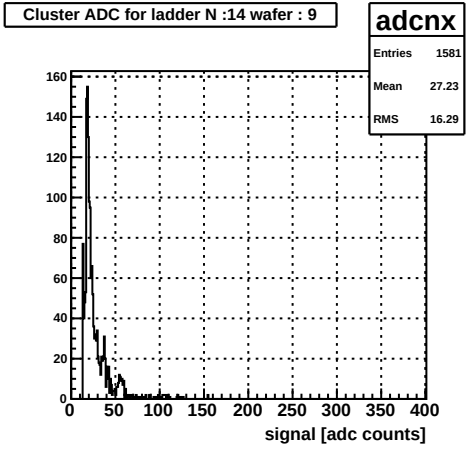

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 804
Mean 19.68
RMS 9.168
signal [adc counts]

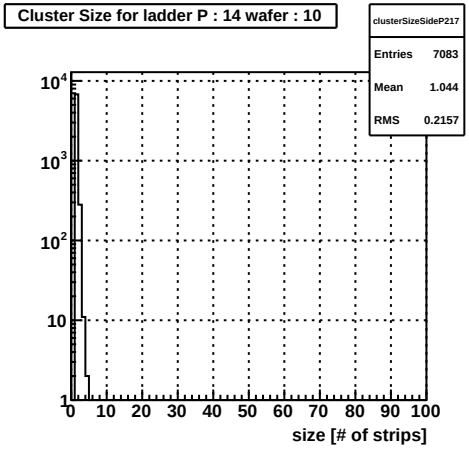

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11839
Mean 1.047
RMS 0.2266
size [# of strips]

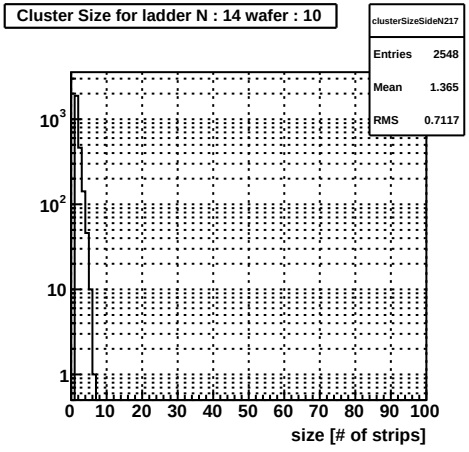

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 1581
Mean 1.247
RMS 0.6998
size [# of strips]

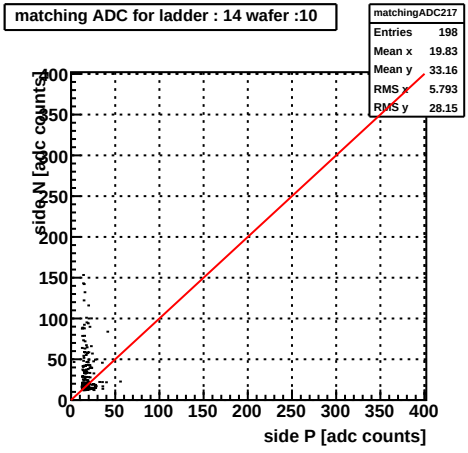

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 173
Mean x 28.36
Mean y 31.01
RMS x 12.83
RMS y 18.17
side N [adc counts]
side P [adc counts]

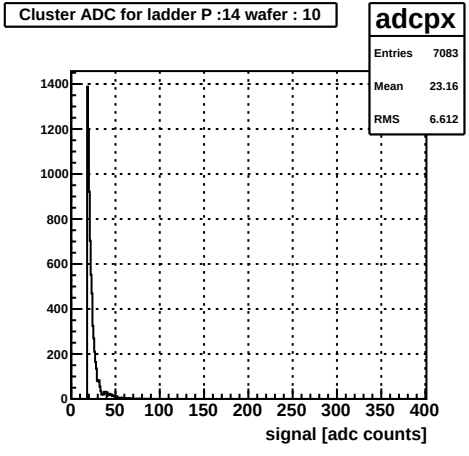

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11839
Mean 24.56
RMS 8.854
signal [adc counts]

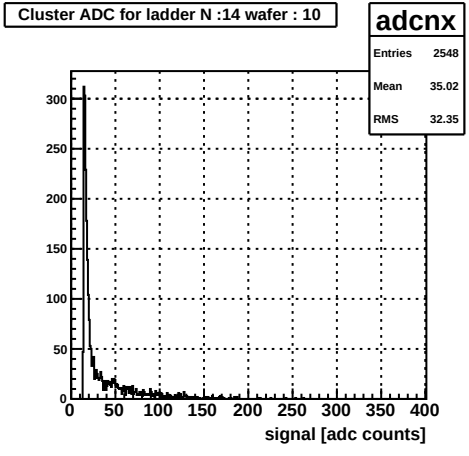

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 1581
Mean 27.23
RMS 16.29
signal [adc counts]

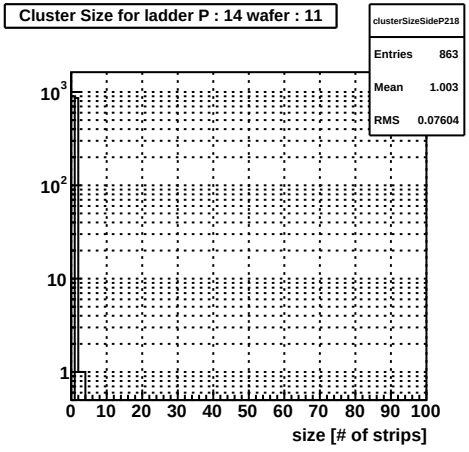

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7083
Mean 1.044
RMS 0.2157
size [# of strips]

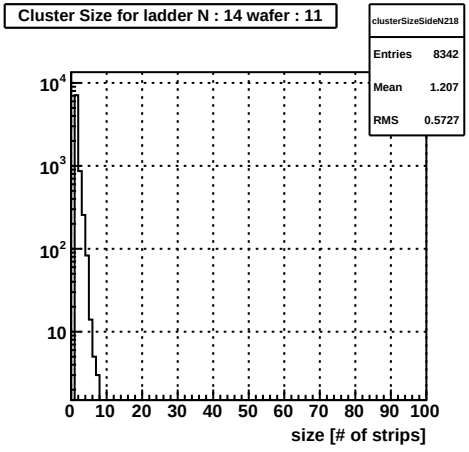

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2548
Mean 1.365
RMS 0.7117
size [# of strips]

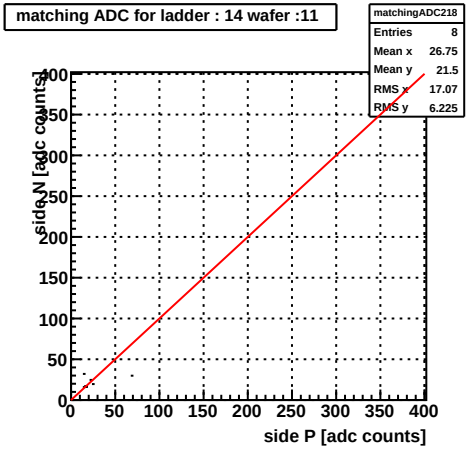

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 198
Mean x 19.83
Mean y 33.16
RMS x 5.793
RMS y 28.15
side N [adc counts]
side P [adc counts]

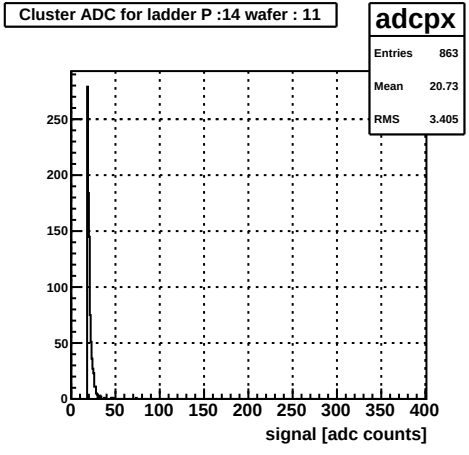

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7083
Mean 23.16
RMS 6.612
signal [adc counts]

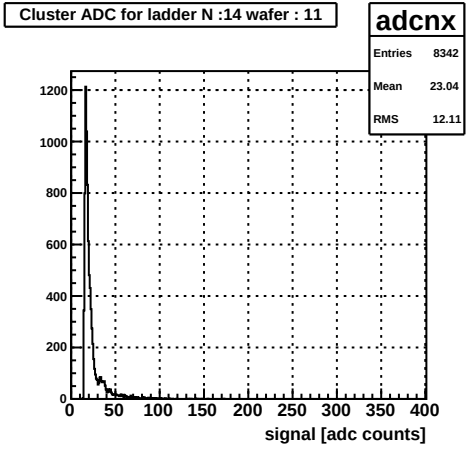

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2548
Mean 35.02
RMS 32.35
signal [adc counts]

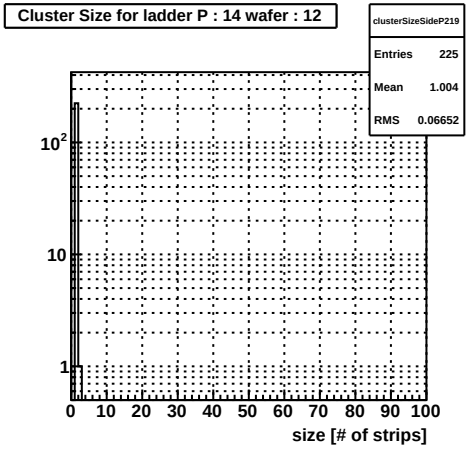

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 863
Mean 1.003
RMS 0.07604
size [# of strips]

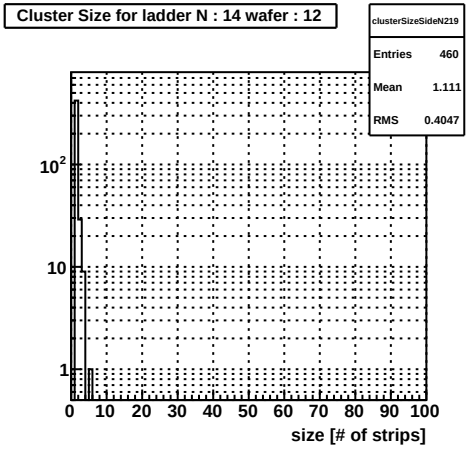

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 8342
Mean 1.207
RMS 0.5727
size [# of strips]

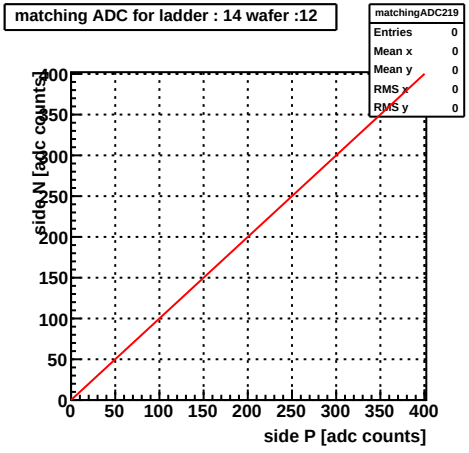

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8
Mean x 26.75
Mean y 21.5
RMS x 17.07
RMS y 6.225
side N [adc counts]
side P [adc counts]

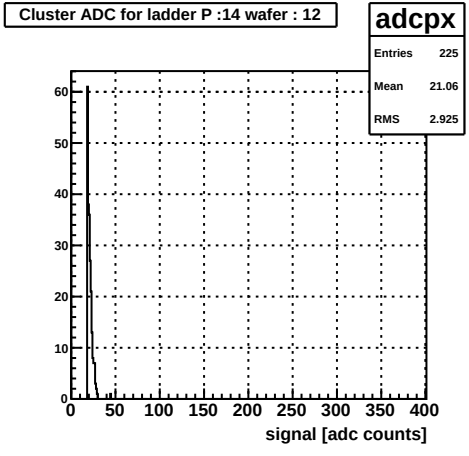

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 863
Mean 20.73
RMS 3.405
signal [adc counts]

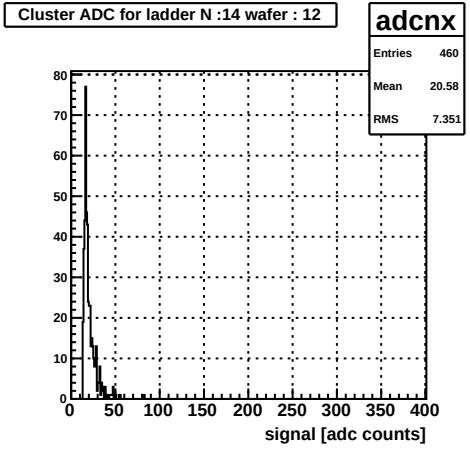

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 8342
Mean 23.04
RMS 12.11
signal [adc counts]

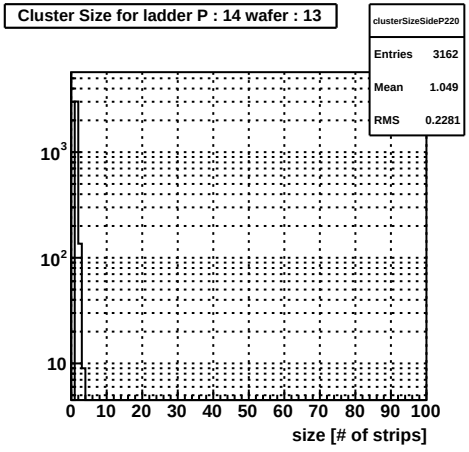

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 225
Mean 1.004
RMS 0.06652
size [# of strips]

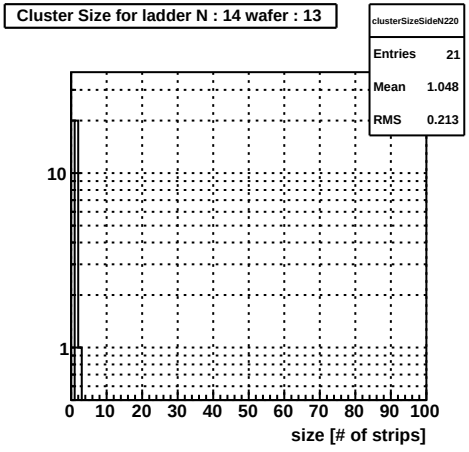

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 460
Mean 1.111
RMS 0.4047
size [# of strips]

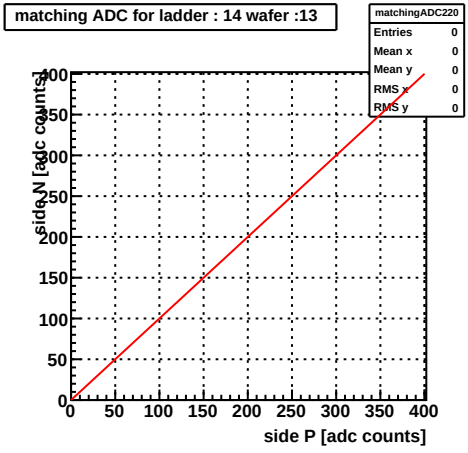

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

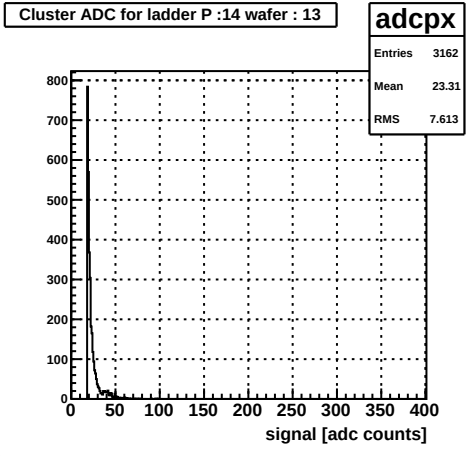

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 225
Mean 21.06
RMS 2.925
signal [adc counts]

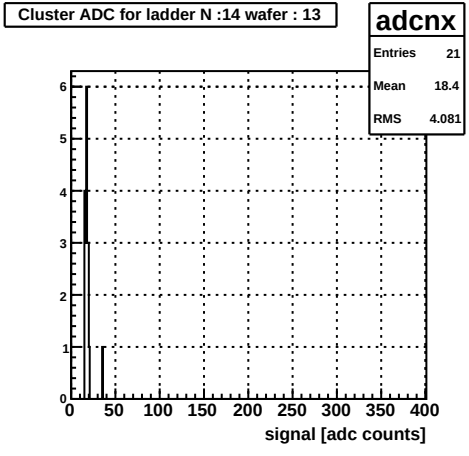

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 460
Mean 20.58
RMS 7.351
signal [adc counts]

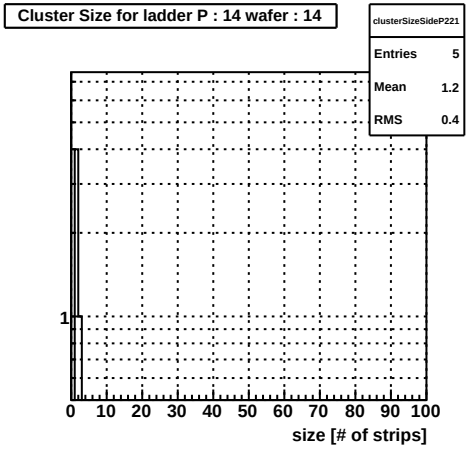

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 3162
Mean 1.049
RMS 0.2281
size [# of strips]

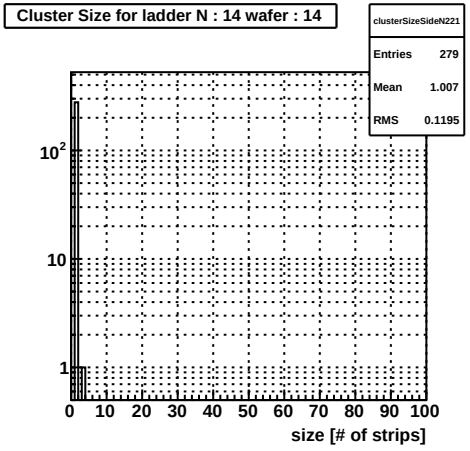

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

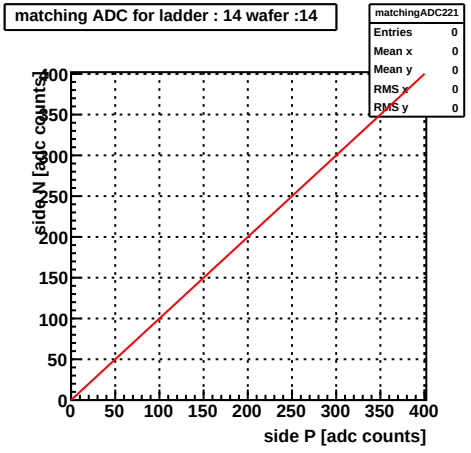

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

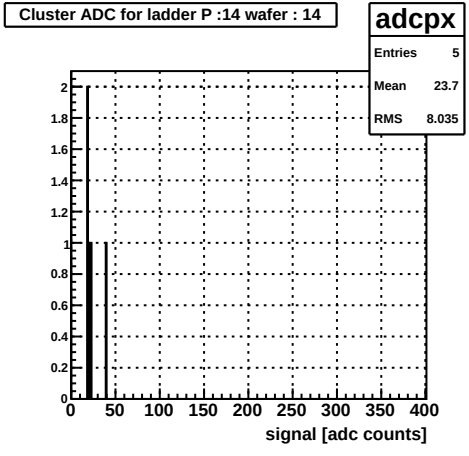

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 3162
Mean 23.31
RMS 7.613
signal [adc counts]

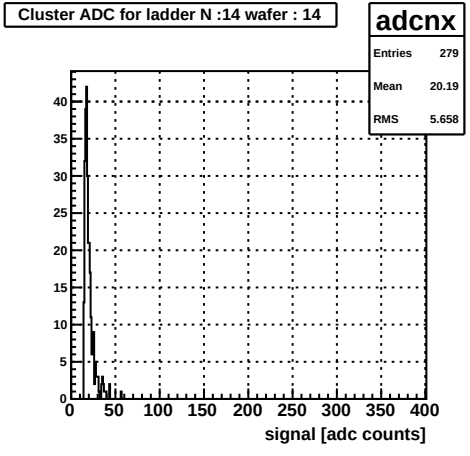

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 21
Mean 18.4
RMS 4.081
signal [adc counts]

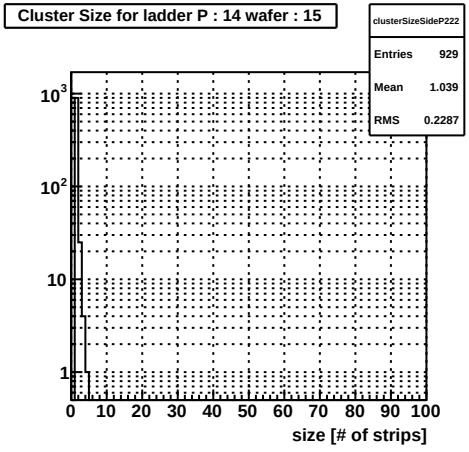

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

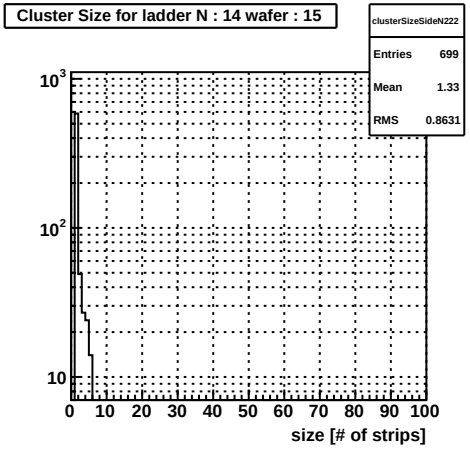

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 279
Mean 1.007
RMS 0.1195
size [# of strips]

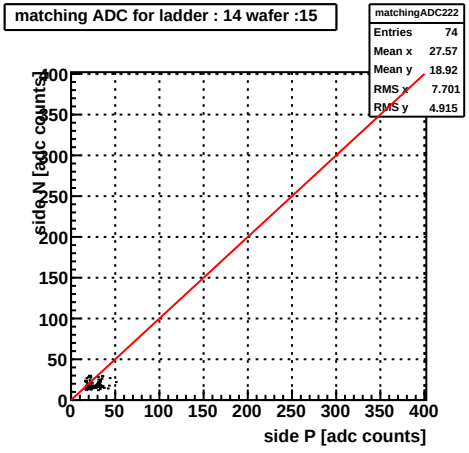

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

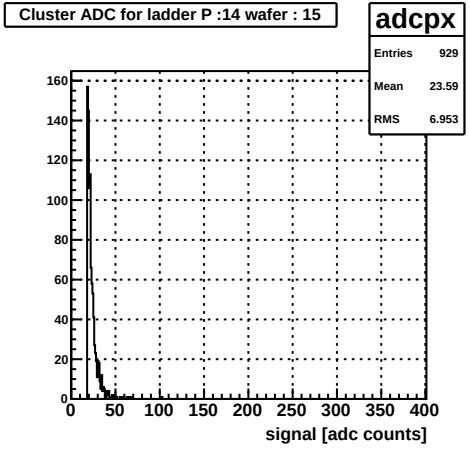

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 5
Mean 23.7
RMS 8.035
signal [adc counts]

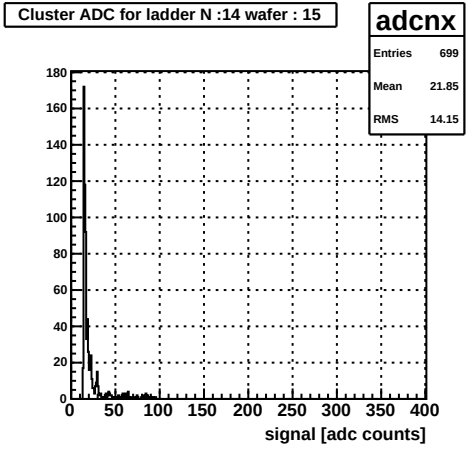

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 279
Mean 20.19
RMS 5.658
signal [adc counts]

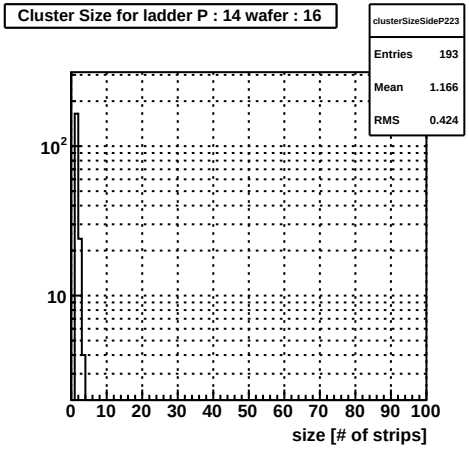

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 929
Mean 1.039
RMS 0.2287
size [# of strips]

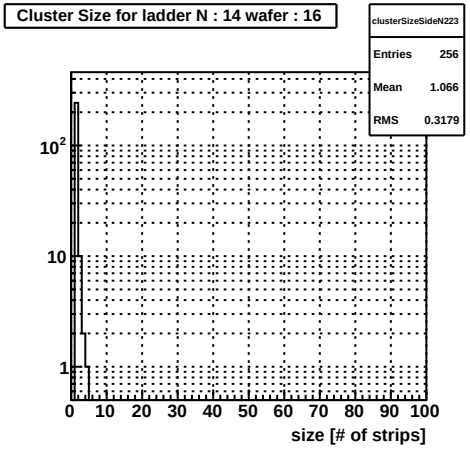

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 699
Mean 1.33
RMS 0.8631
size [# of strips]

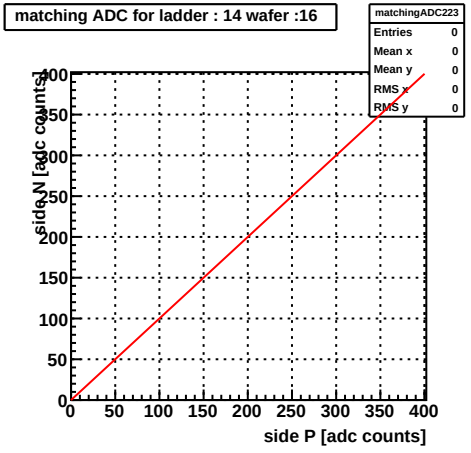

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 74
Mean x 27.57
Mean y 18.92
RMS x 7.701
RMS y 4.915
side N [adc counts]
side P [adc counts]

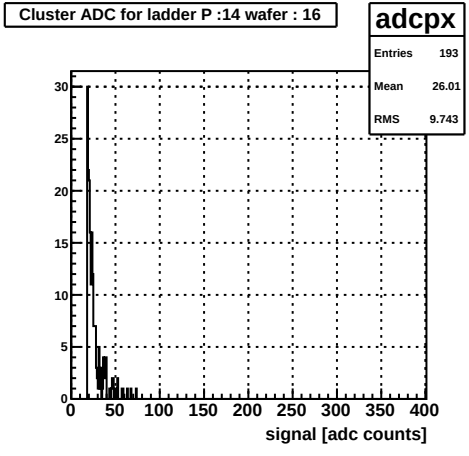

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 929
Mean 23.59
RMS 6.953
signal [adc counts]

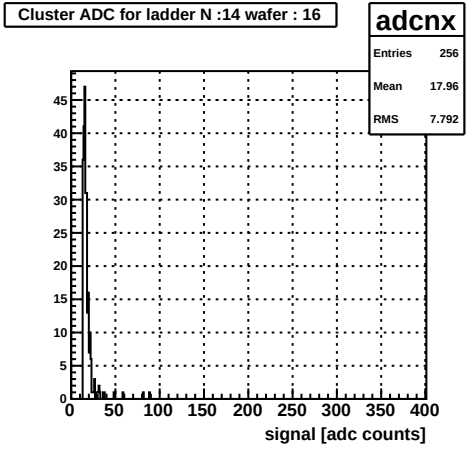

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 699
Mean 21.85
RMS 14.15
signal [adc counts]

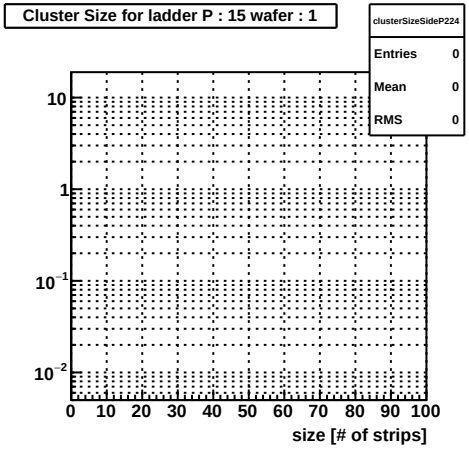

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 193
Mean 1.166
RMS 0.424
size [# of strips]

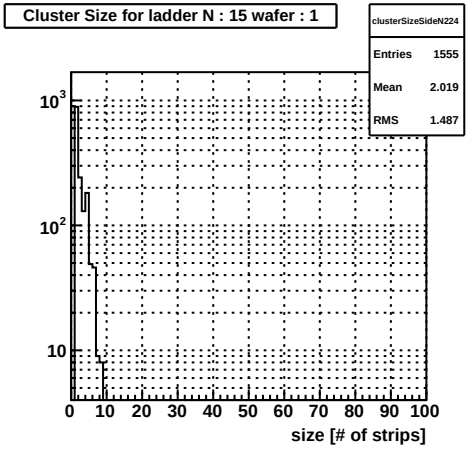

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 256
Mean 1.066
RMS 0.3179
size [# of strips]

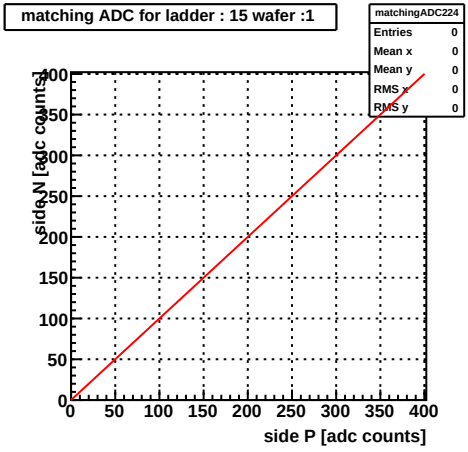

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

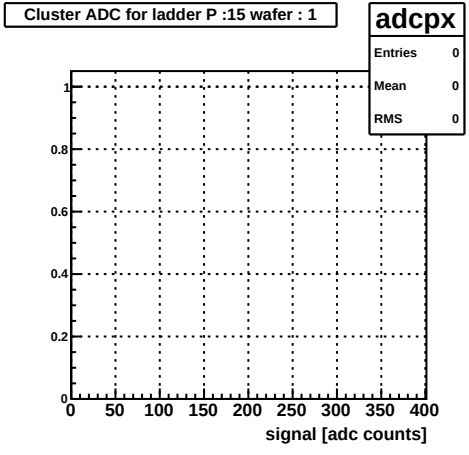

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 193
Mean 26.01
RMS 9.743
signal [adc counts]

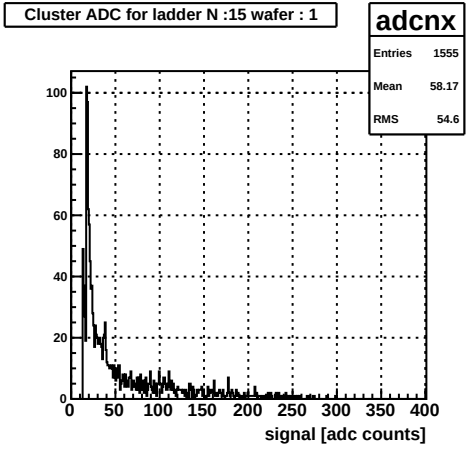

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 256
Mean 17.96
RMS 7.792
signal [adc counts]

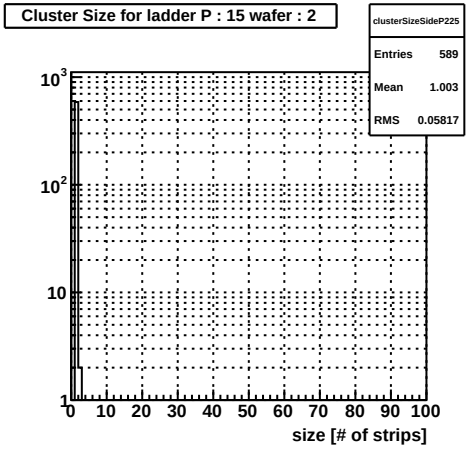

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

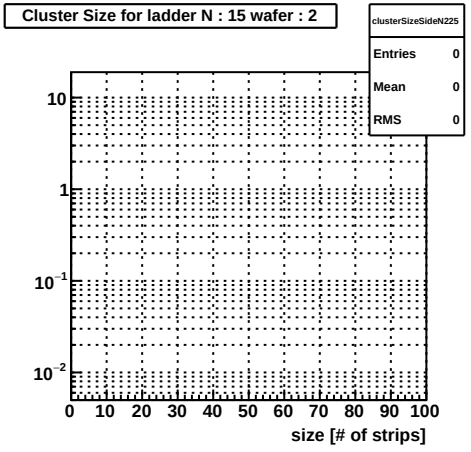

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1555
Mean 2.019
RMS 1.487
size [# of strips]

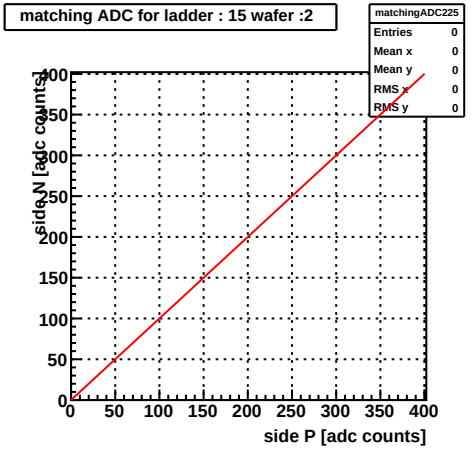

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

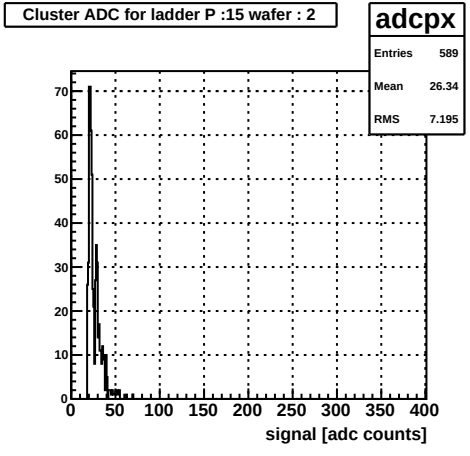

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

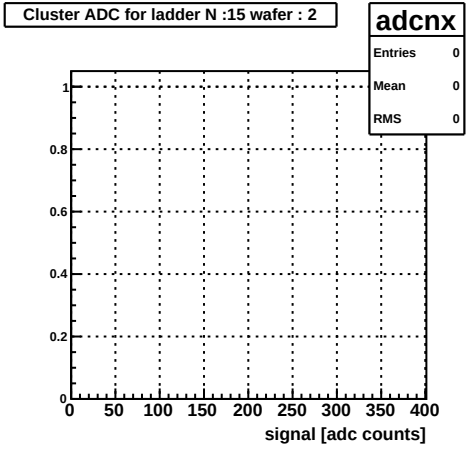

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1555
Mean 58.17
RMS 54.6
signal [adc counts]

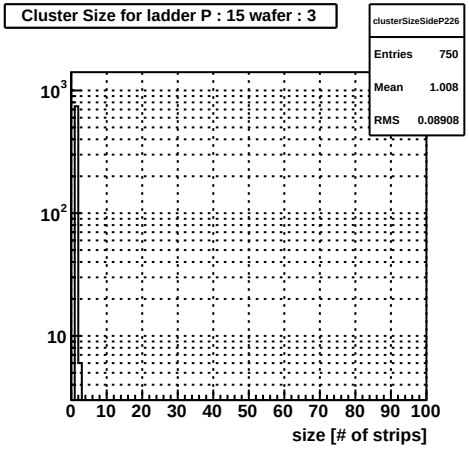

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 589
Mean 1.003
RMS 0.05817
size [# of strips]

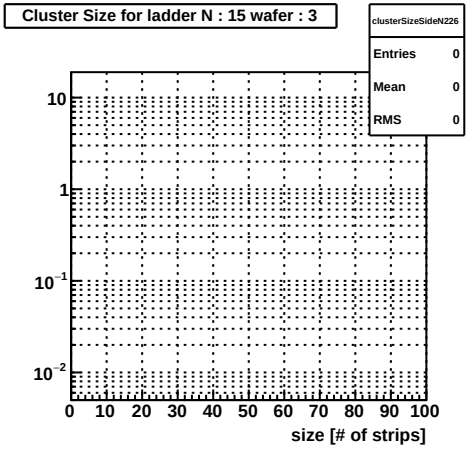

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

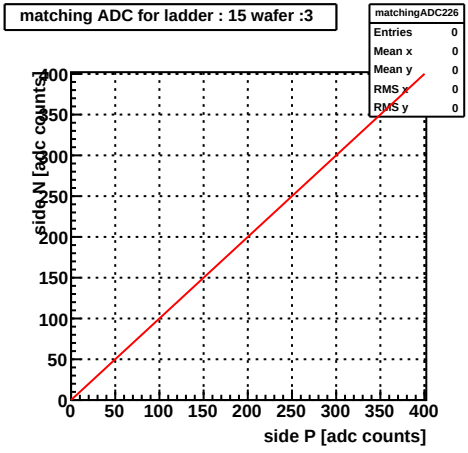

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

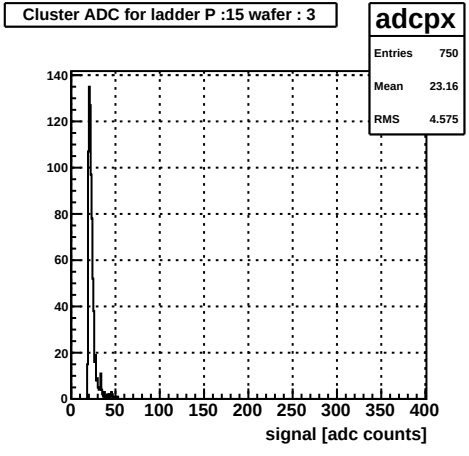

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 589
Mean 26.34
RMS 7.195
signal [adc counts]

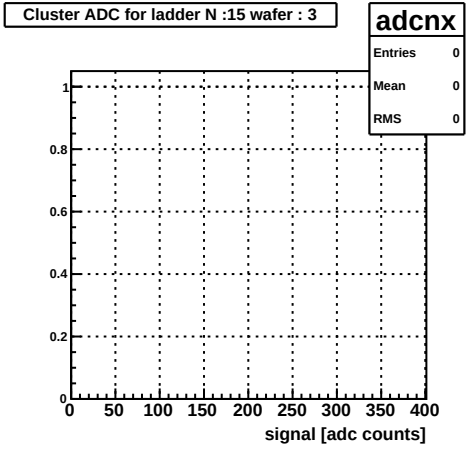

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

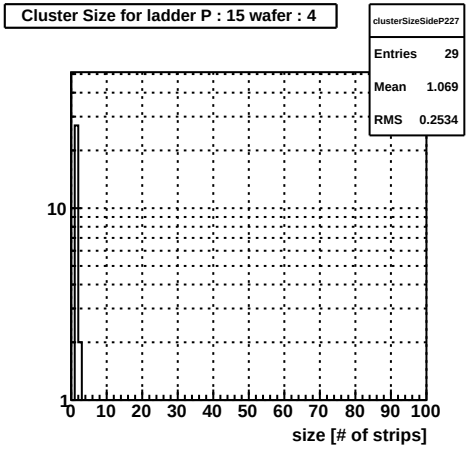

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 750
Mean 1.008
RMS 0.08908
size [# of strips]

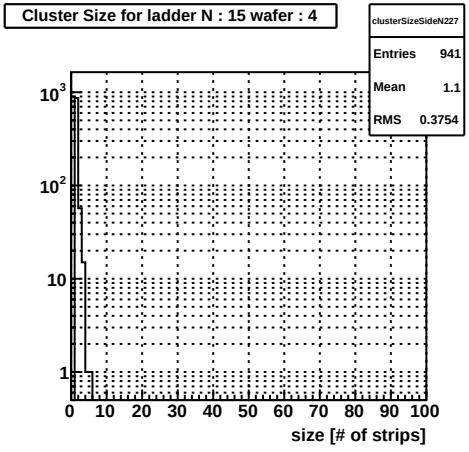

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

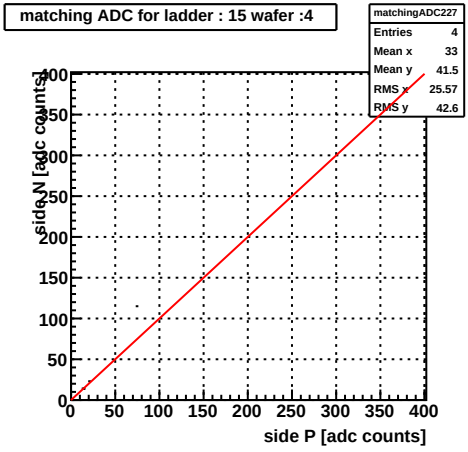

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

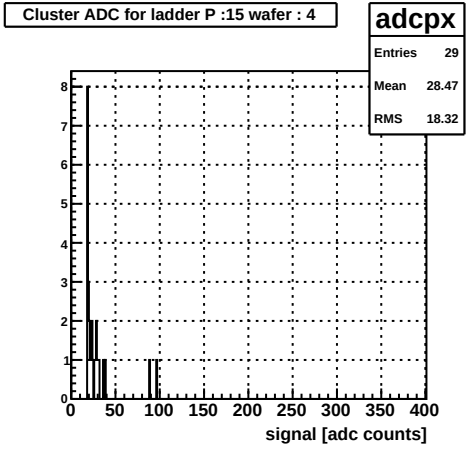

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 750
Mean 23.16
RMS 4.575
signal [adc counts]

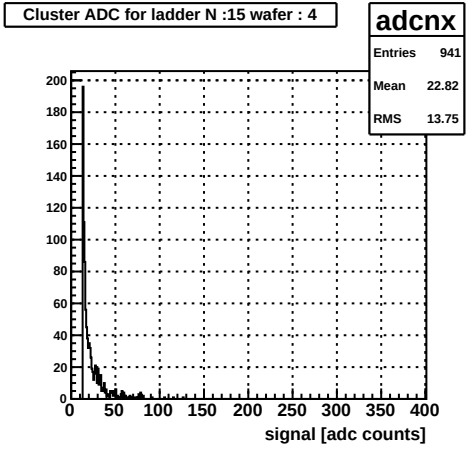

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

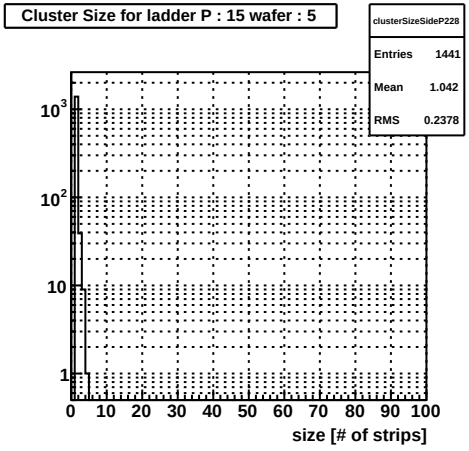

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 29
Mean 1.069
RMS 0.2534
size [# of strips]

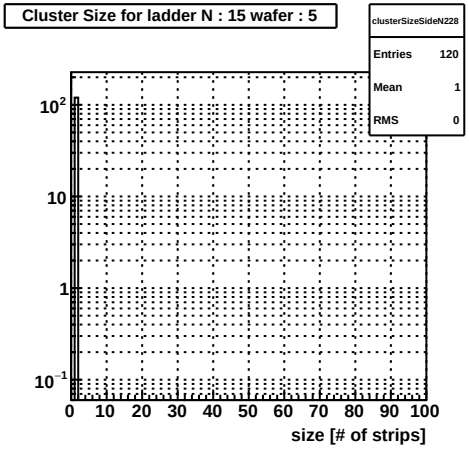

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 941
Mean 1.1
RMS 0.3754
size [# of strips]

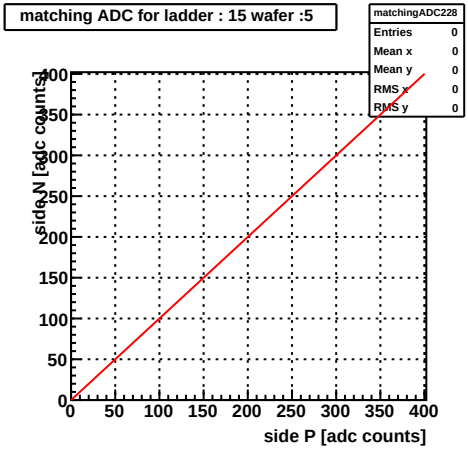

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 4
Mean x 33
Mean y 41.5
RMS x 25.57
RMS y 42.6
side N [adc counts]
side P [adc counts]

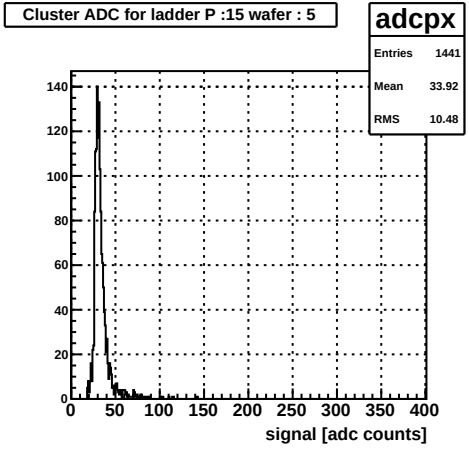

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 29
Mean 28.47
RMS 18.32
signal [adc counts]

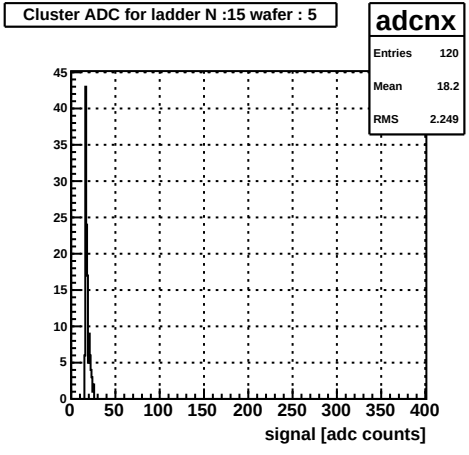

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 941
Mean 22.82
RMS 13.75
signal [adc counts]

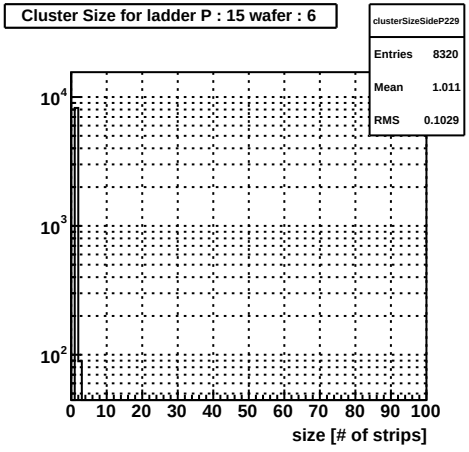

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1441
Mean 1.042
RMS 0.2378
size [# of strips]

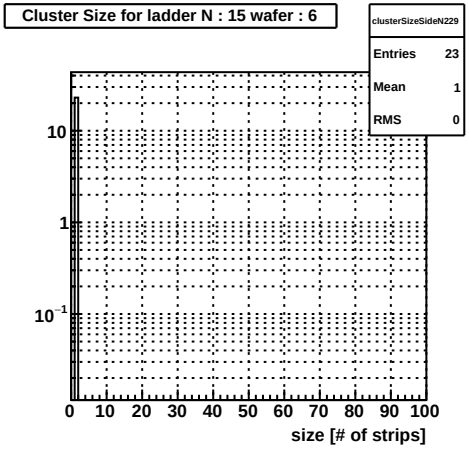

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 120
Mean 1
RMS 0
size [# of strips]

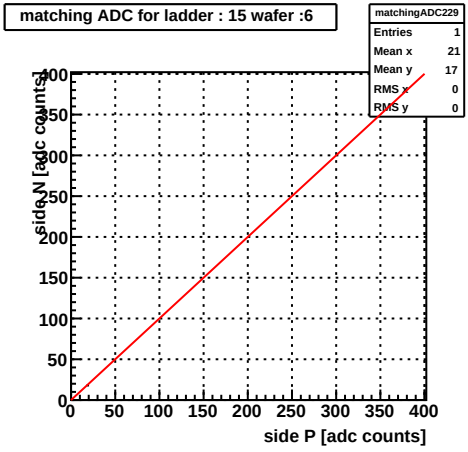

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

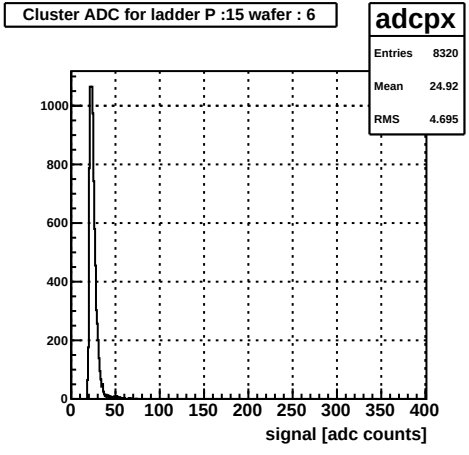

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1441
Mean 33.92
RMS 10.48
signal [adc counts]

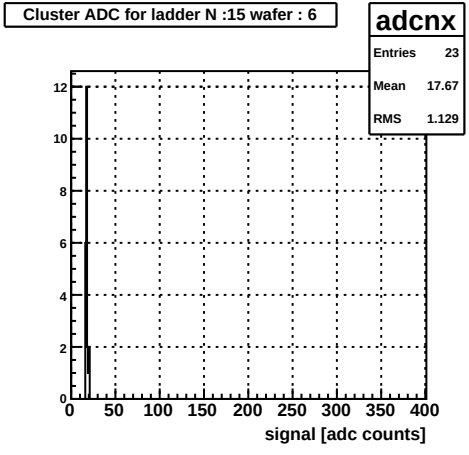

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 120
Mean 18.2
RMS 2.249
signal [adc counts]

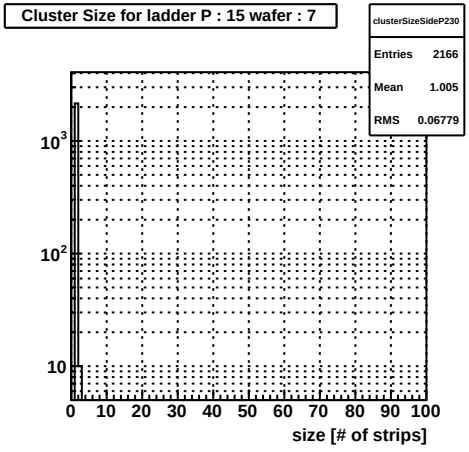

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8320
Mean 1.011
RMS 0.1029
size [# of strips]

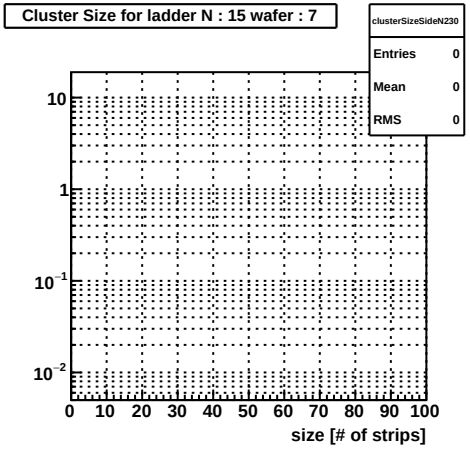

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 23
Mean 1
RMS 0
size [# of strips]

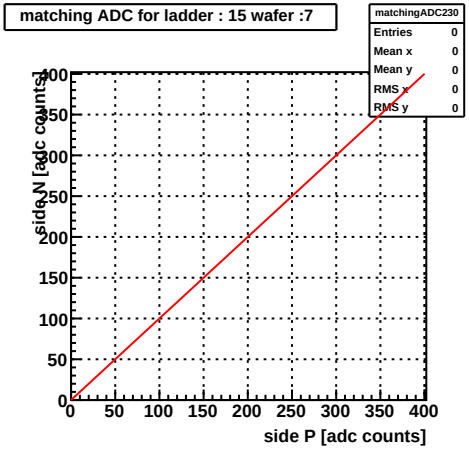

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1
Mean x 21
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

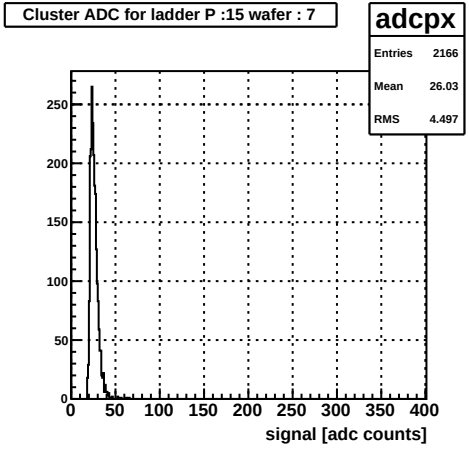

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8320
Mean 24.92
RMS 4.695
signal [adc counts]

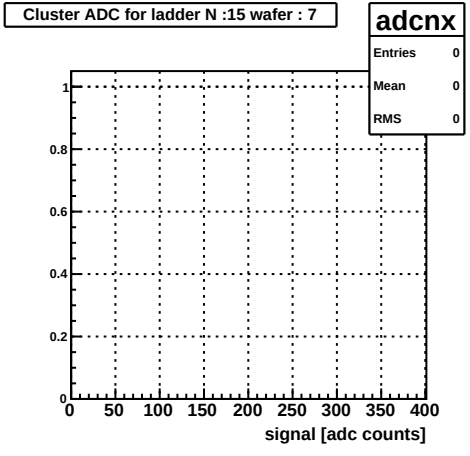

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 23
Mean 17.67
RMS 1.129
signal [adc counts]

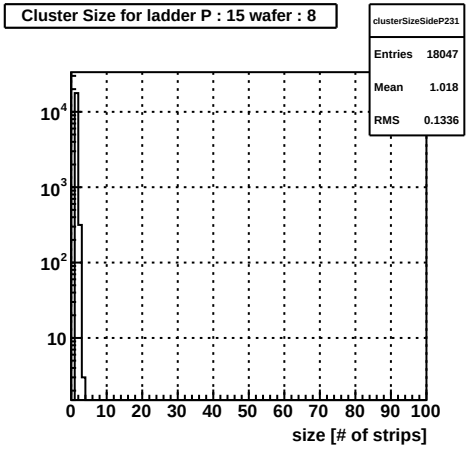

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2166
Mean 1.005
RMS 0.06779
size [# of strips]

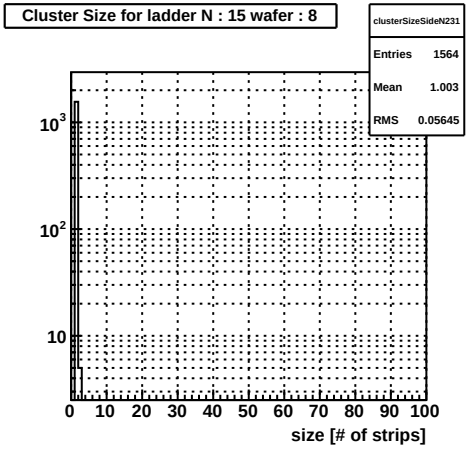

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

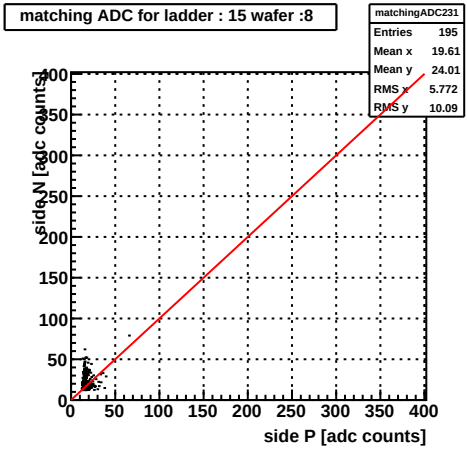

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

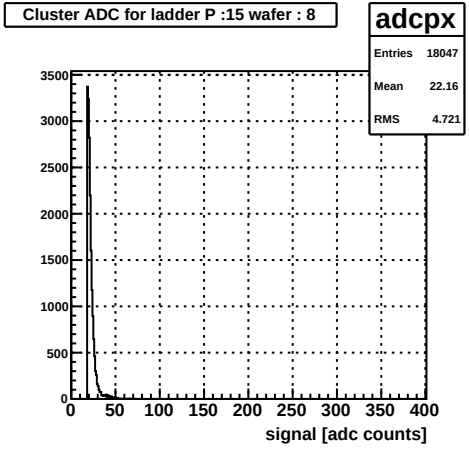

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2166
Mean 26.03
RMS 4.497
signal [adc counts]

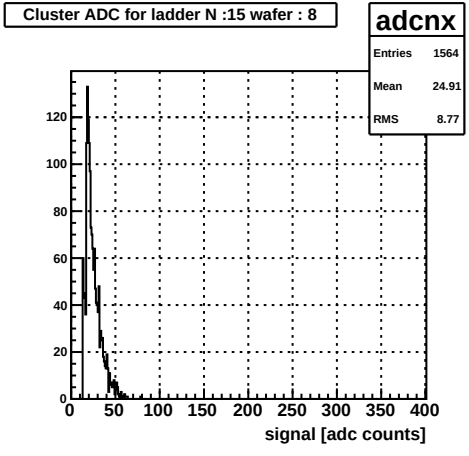

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

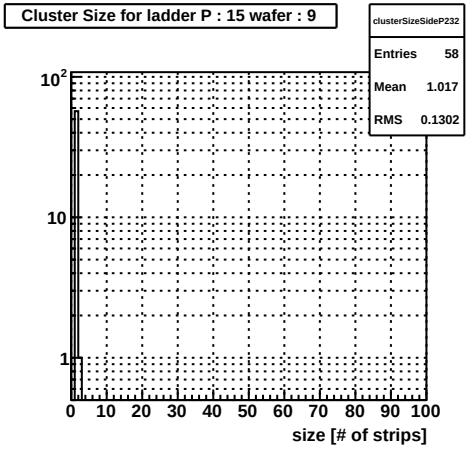

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 18047
Mean 1.018
RMS 0.1336
size [# of strips]

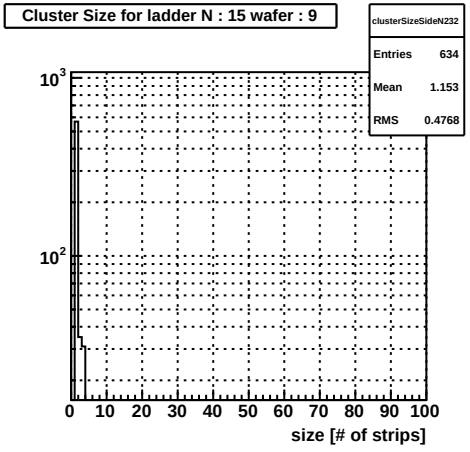

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1564
Mean 1.003
RMS 0.05645
size [# of strips]

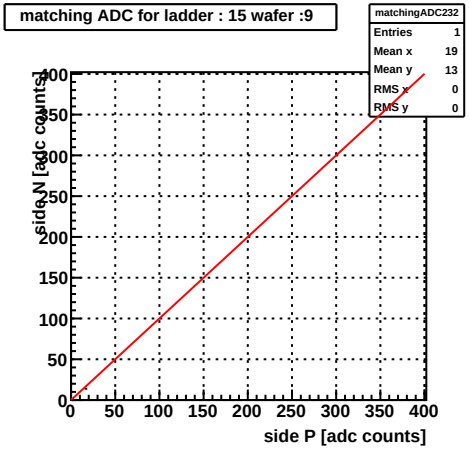

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 195
Mean x 19.61
Mean y 24.01
RMS x 5.772
RMS y 10.09
side N [adc counts]
side P [adc counts]

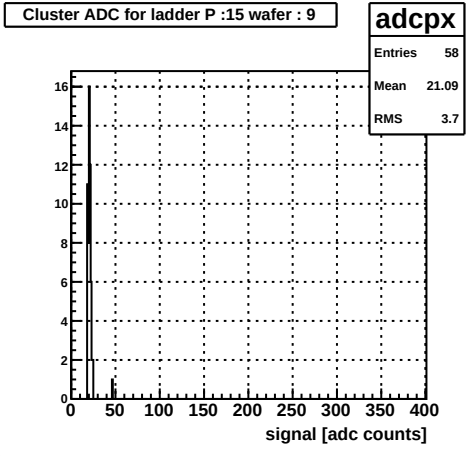

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 18047
Mean 22.16
RMS 4.721
signal [adc counts]

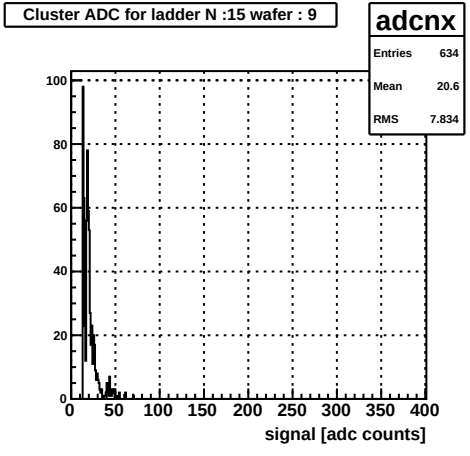

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1564
Mean 24.91
RMS 8.77
signal [adc counts]

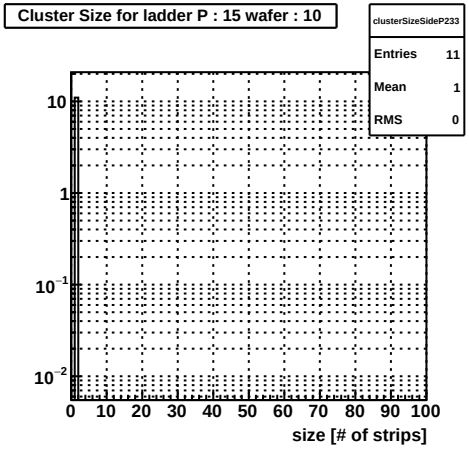

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 58
Mean 1.017
RMS 0.1302
size [# of strips]

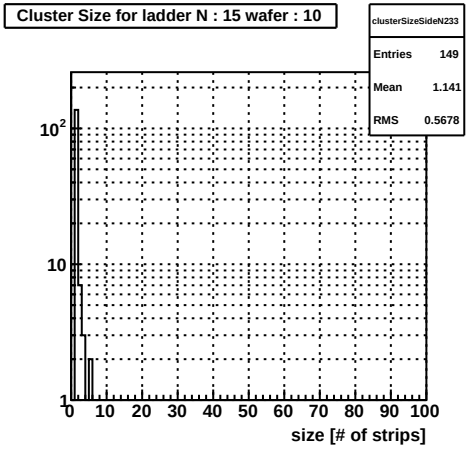

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 634
Mean 1.153
RMS 0.4768
size [# of strips]

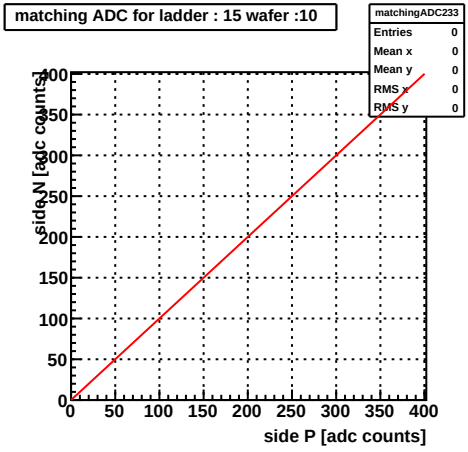

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1
Mean x 19
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

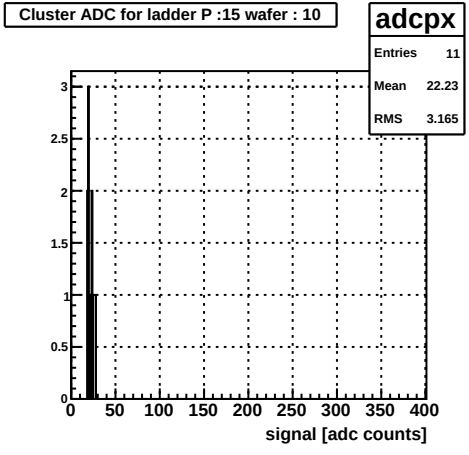

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 58
Mean 21.09
RMS 3.7
signal [adc counts]

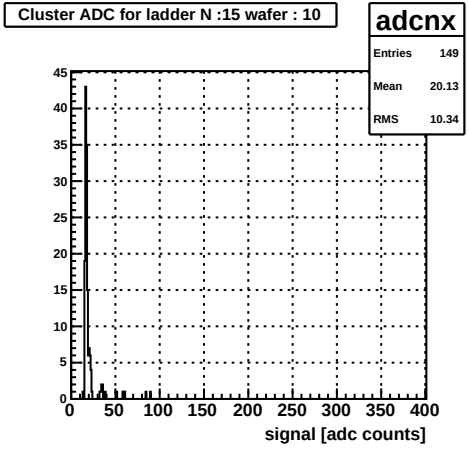

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 634
Mean 20.6
RMS 7.834
signal [adc counts]

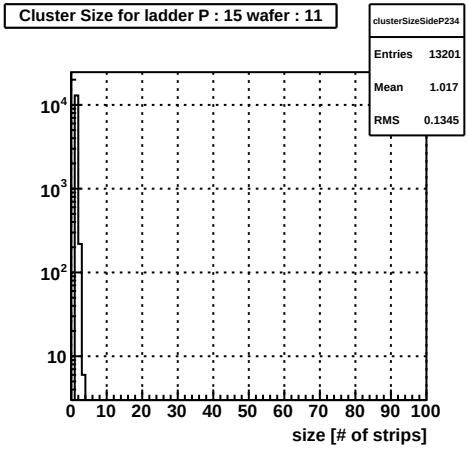

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 11
Mean 1
RMS 0
size [# of strips]

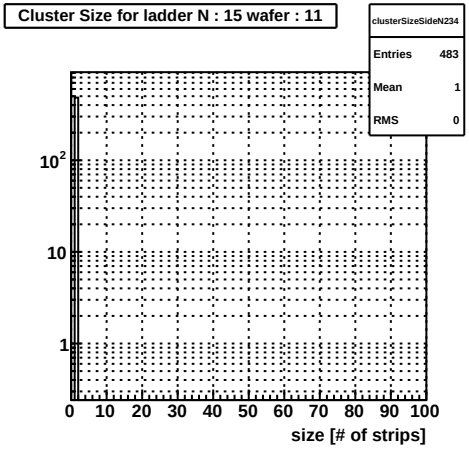

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 149
Mean 1.141
RMS 0.5678
size [# of strips]

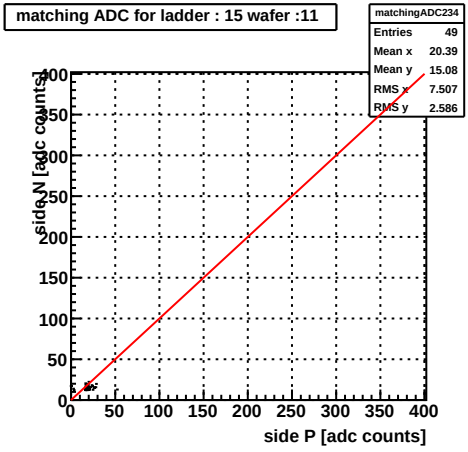

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

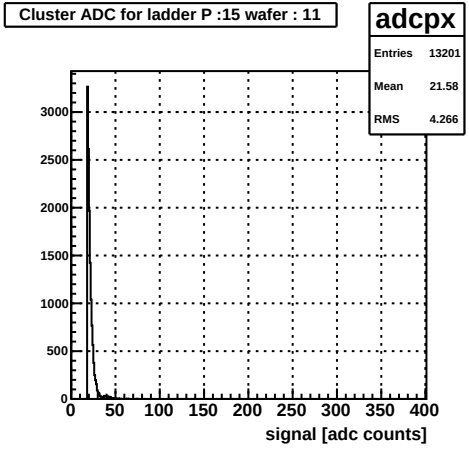

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 11
Mean 22.23
RMS 3.165
signal [adc counts]

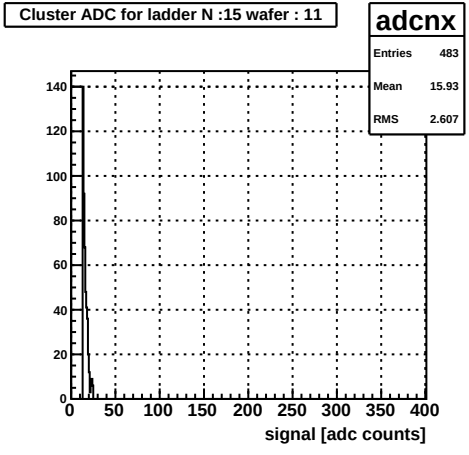

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 149
Mean 20.13
RMS 10.34
signal [adc counts]

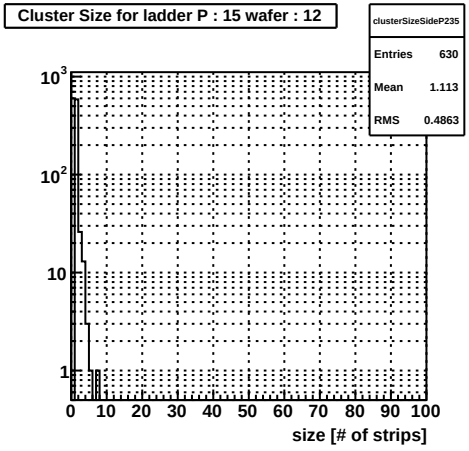

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 13201
Mean 1.017
RMS 0.1345
size [# of strips]

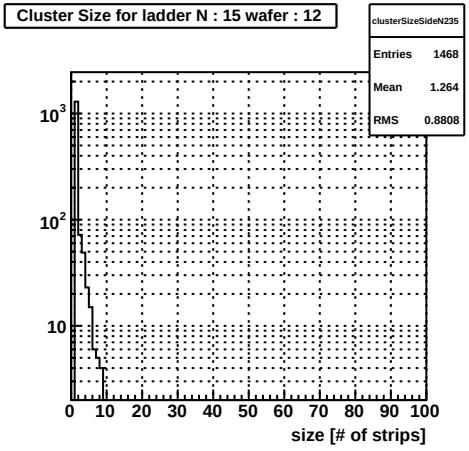

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 483
Mean 1
RMS 0
size [# of strips]

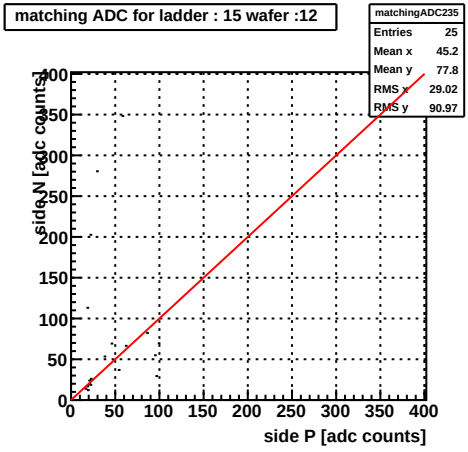

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 49
Mean x 20.39
Mean y 15.08
RMS x 7.507
RMS y 2.586
side N [adc counts]
side P [adc counts]

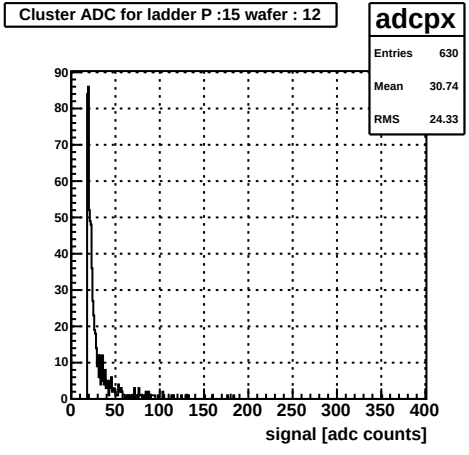

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 13201
Mean 21.58
RMS 4.266
signal [adc counts]

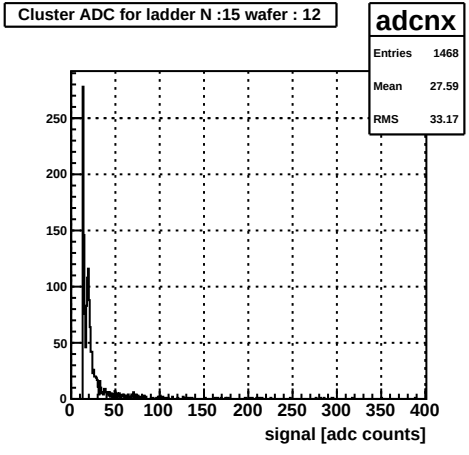

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 483
Mean 15.93
RMS 2.607
signal [adc counts]

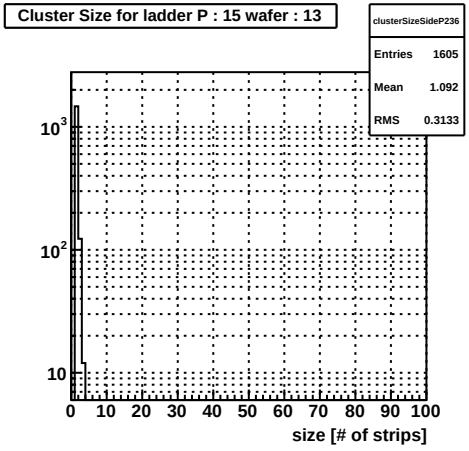

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 630
Mean 1.113
RMS 0.4863
size [# of strips]

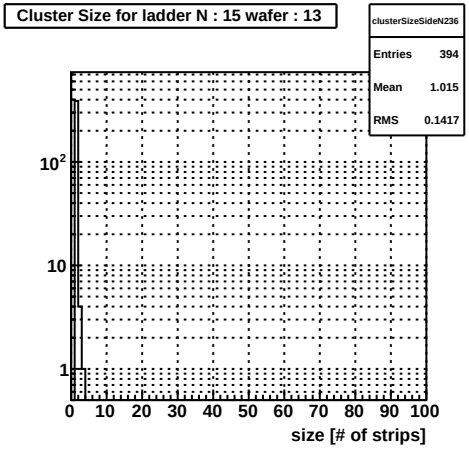

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1468
Mean 1.264
RMS 0.8808
size [# of strips]

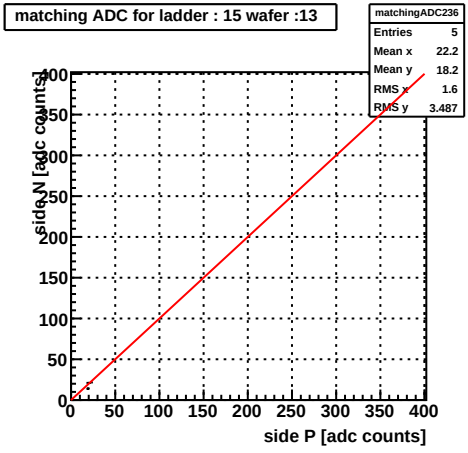

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 25
Mean x 45.2
Mean y 77.8
RMS x 29.02
RMS y 90.97
side N [adc counts]
side P [adc counts]

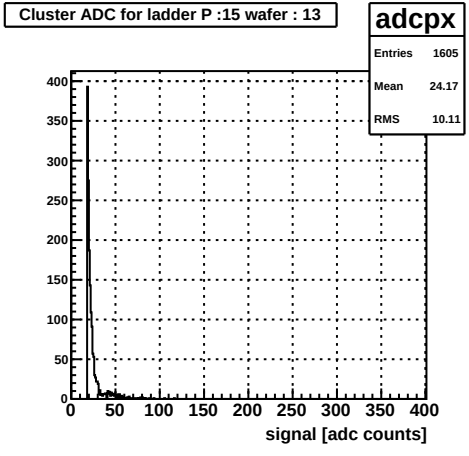

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 630
Mean 30.74
RMS 24.33
signal [adc counts]

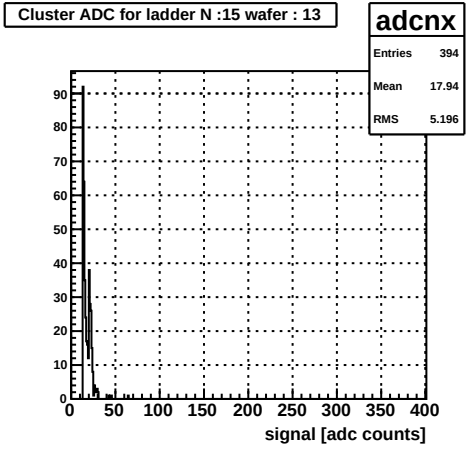

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1468
Mean 27.59
RMS 33.17
signal [adc counts]

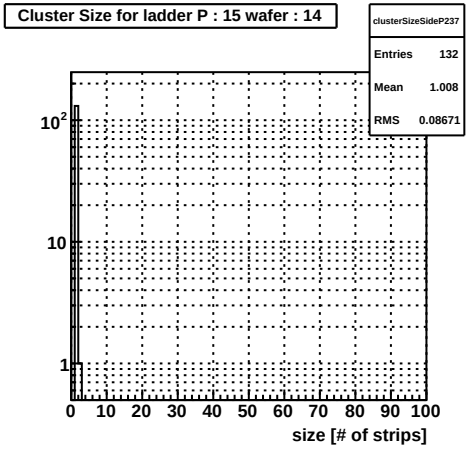

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1605
Mean 1.092
RMS 0.3133
size [# of strips]

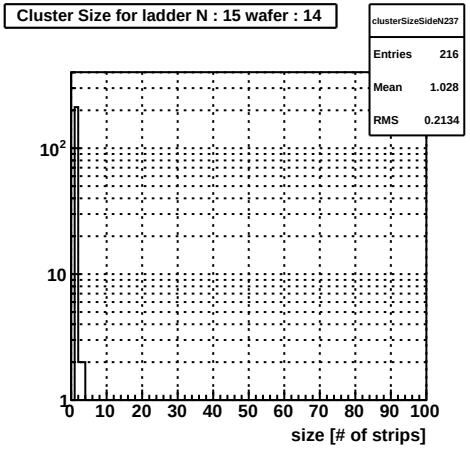

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 394
Mean 1.015
RMS 0.1417
size [# of strips]

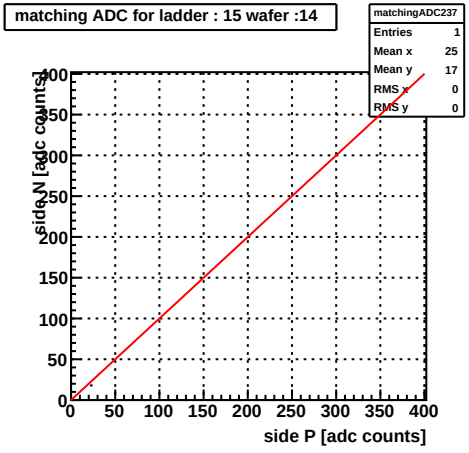

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 5
Mean x 22.2
Mean y 18.2
RMS x 1.6
RMS y 3.487
side N [adc counts]
side P [adc counts]

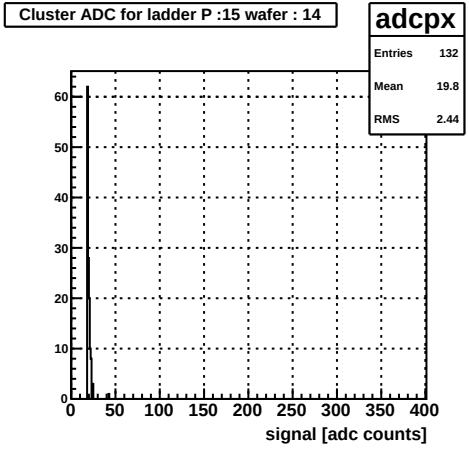

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1605
Mean 24.17
RMS 10.11
signal [adc counts]

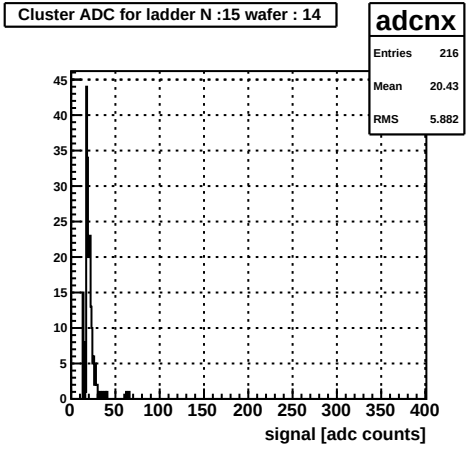

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 394
Mean 17.94
RMS 5.196
signal [adc counts]

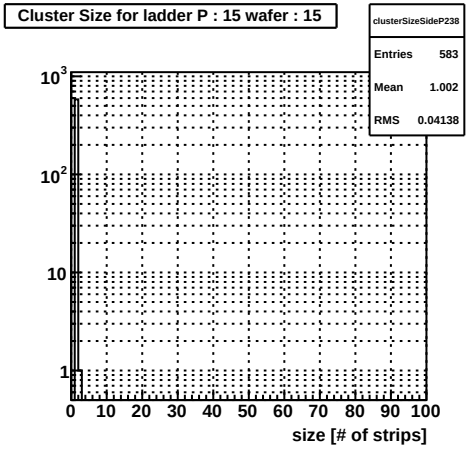

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 132
Mean 1.008
RMS 0.08671
size [# of strips]

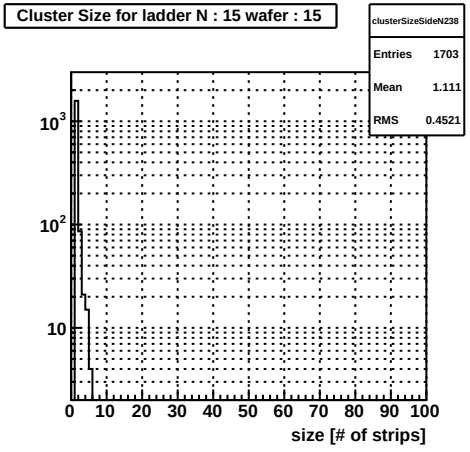

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 216
Mean 1.028
RMS 0.2134
size [# of strips]

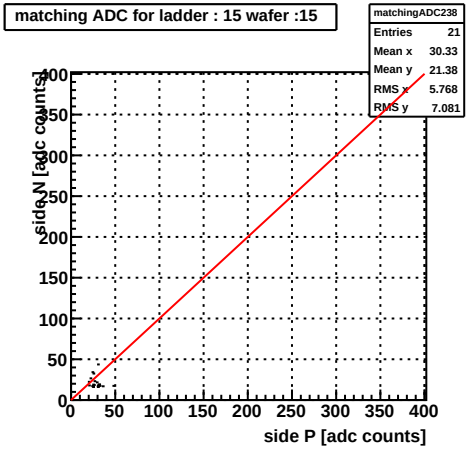

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

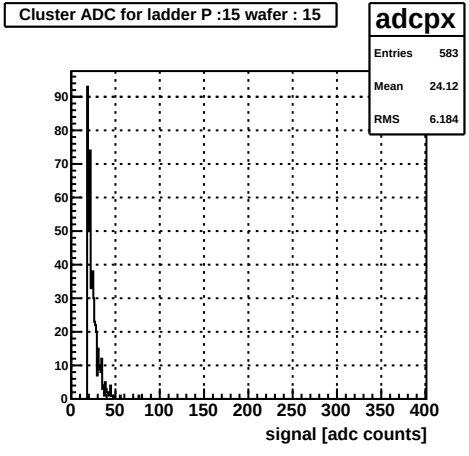

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 132
Mean 19.8
RMS 2.44
signal [adc counts]

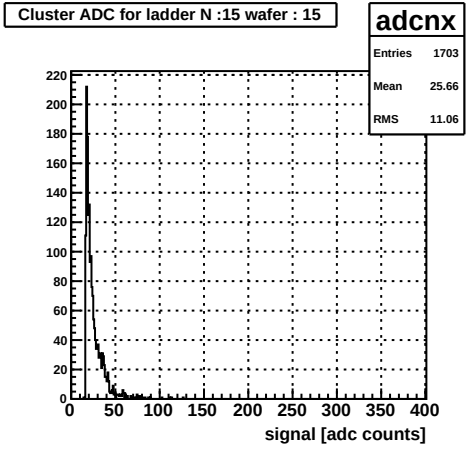

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 216
Mean 20.43
RMS 5.882
signal [adc counts]

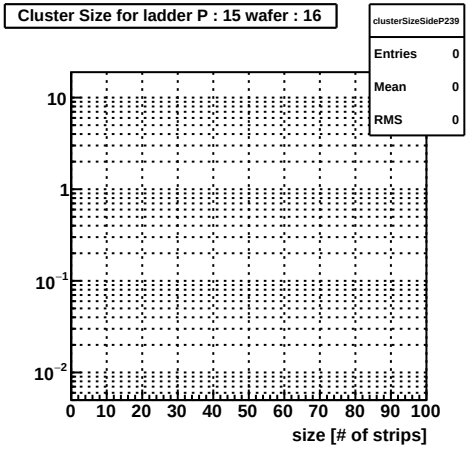

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 583
Mean 1.002
RMS 0.04138
size [# of strips]

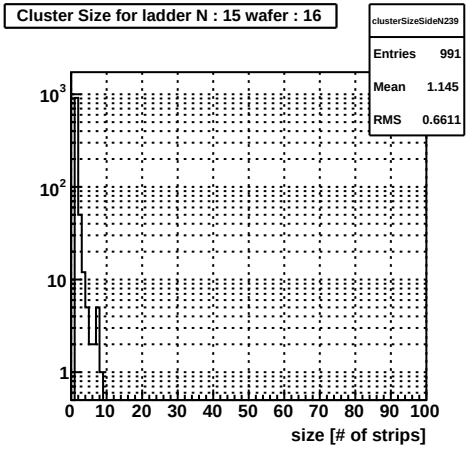

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1703
Mean 1.111
RMS 0.4521
size [# of strips]

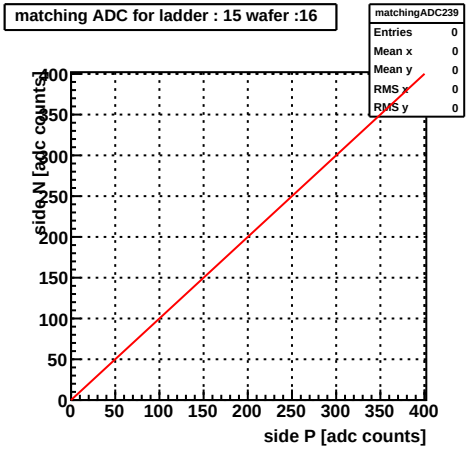

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 21
Mean x 30.33
Mean y 21.38
RMS x 5.768
RMS y 7.081
side N [adc counts]
side P [adc counts]

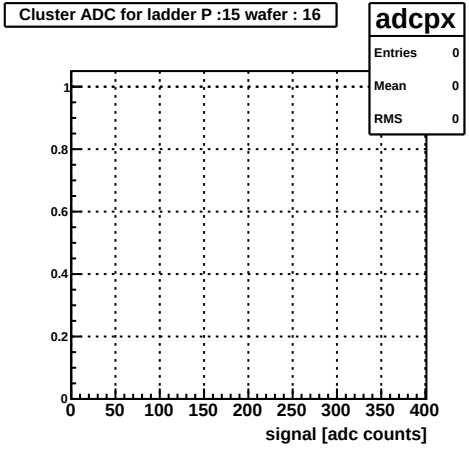

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 583
Mean 24.12
RMS 6.184
signal [adc counts]

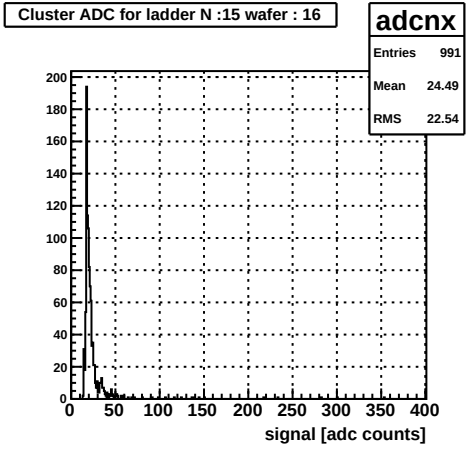

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1703
Mean 25.66
RMS 11.06
signal [adc counts]

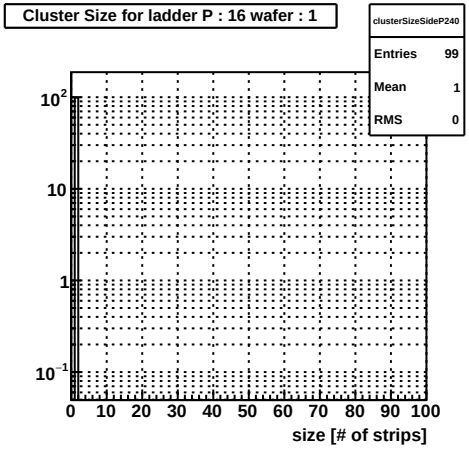

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

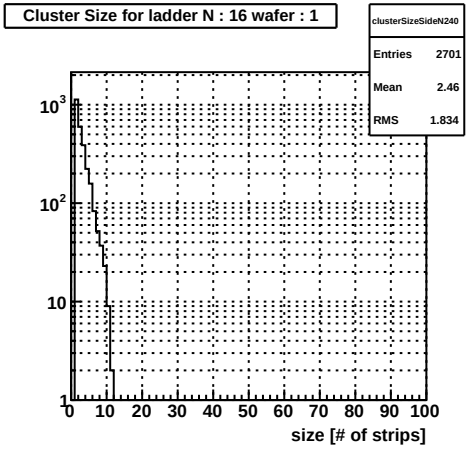

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 991
Mean 1.145
RMS 0.6611
size [# of strips]

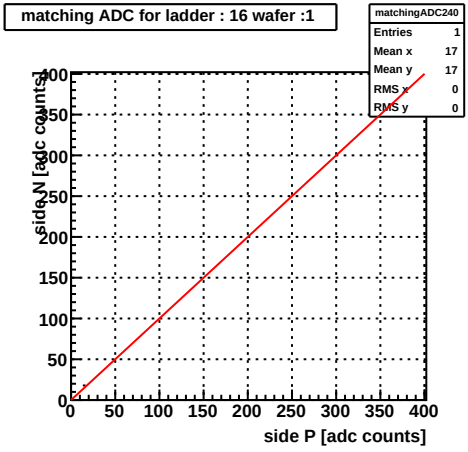

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

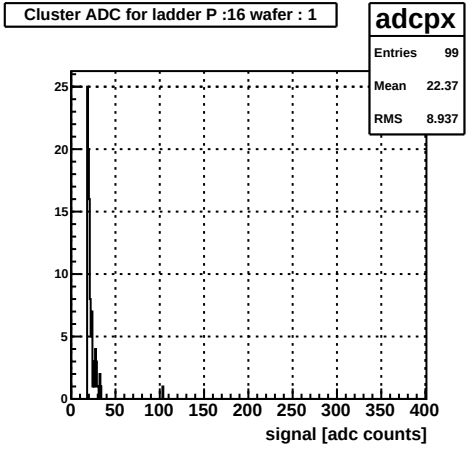

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

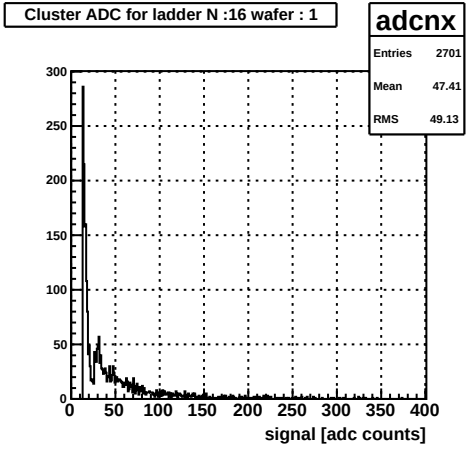

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 991
Mean 24.49
RMS 22.54
signal [adc counts]

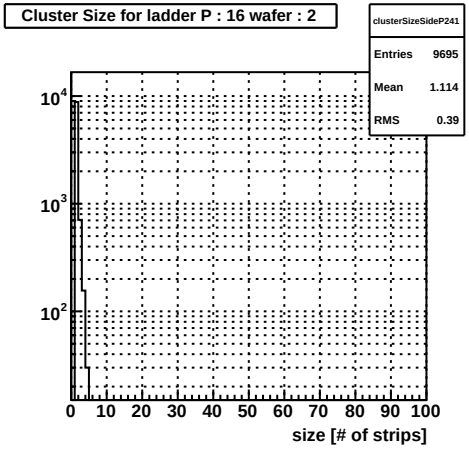

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 99
Mean 1
RMS 0
size [# of strips]

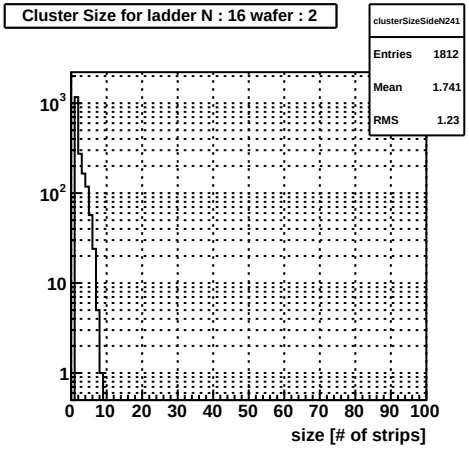

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2701
Mean 2.46
RMS 1.834
size [# of strips]

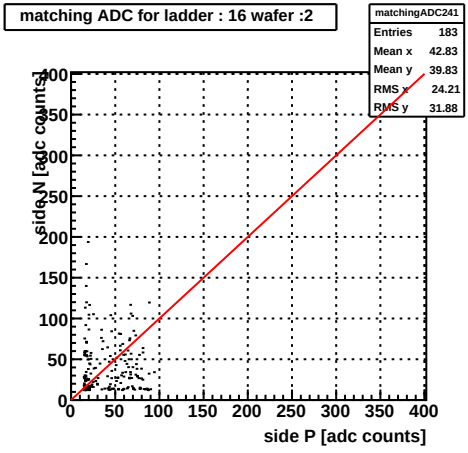

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1
Mean x 17
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

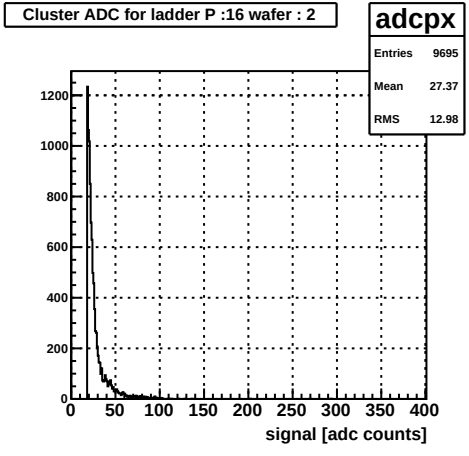

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 99
Mean 22.37
RMS 8.937
signal [adc counts]

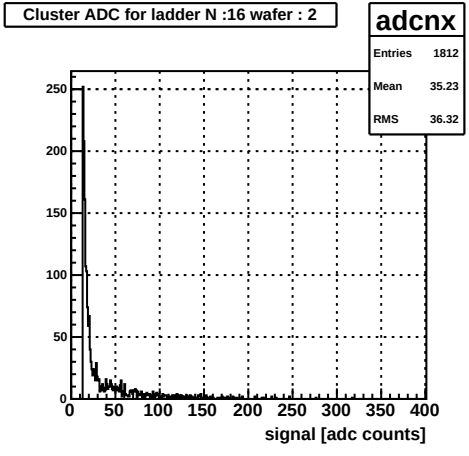

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2701
Mean 47.41
RMS 49.13
signal [adc counts]

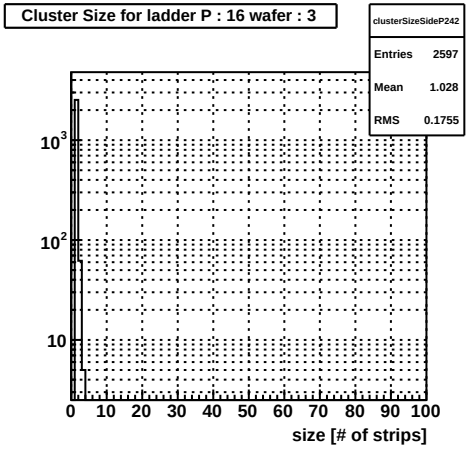

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9695
Mean 1.114
RMS 0.39
size [# of strips]

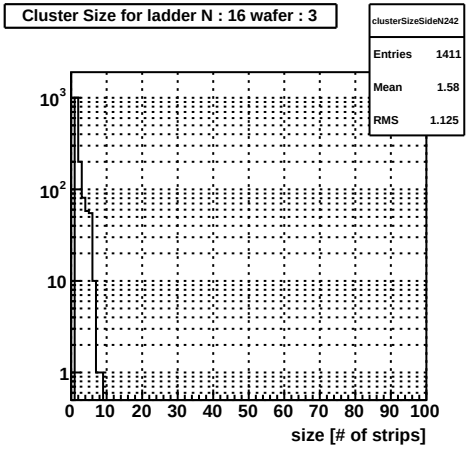

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 1812
Mean 1.741
RMS 1.23
size [# of strips]

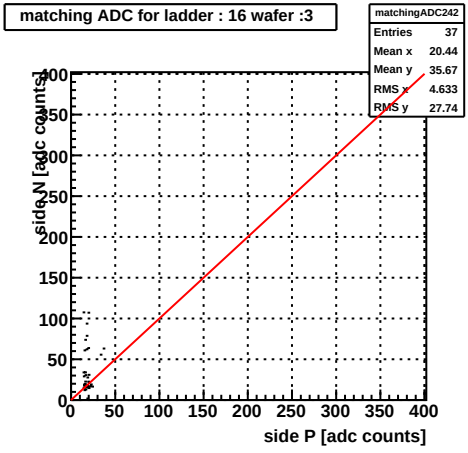

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 183
Mean x 42.83
Mean y 39.83
RMS x 24.21
RMS y 31.88
side N [adc counts]
side P [adc counts]

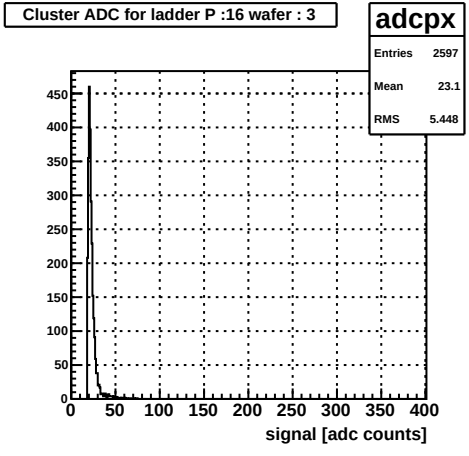

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9695
Mean 27.37
RMS 12.98
signal [adc counts]

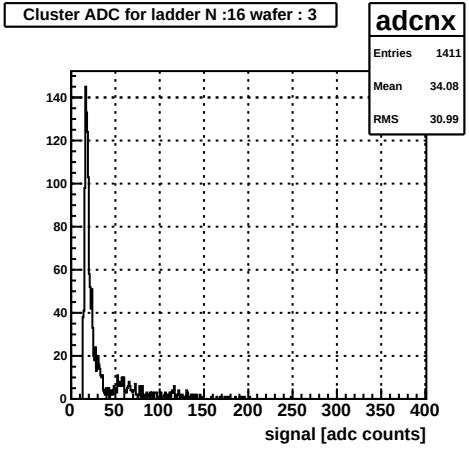

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 1812
Mean 35.23
RMS 36.32
signal [adc counts]

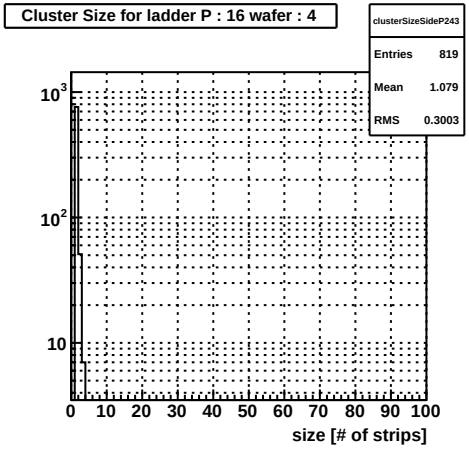

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2597
Mean 1.028
RMS 0.1755
size [# of strips]

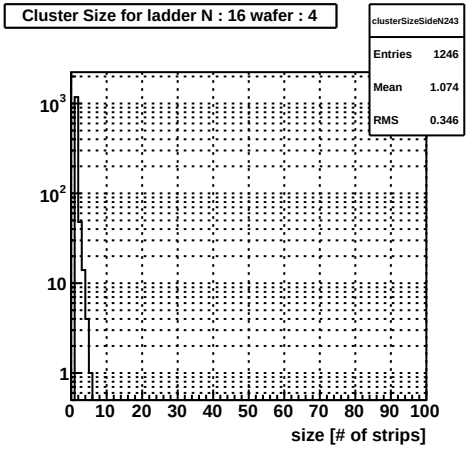

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1411
Mean 1.58
RMS 1.125
size [# of strips]

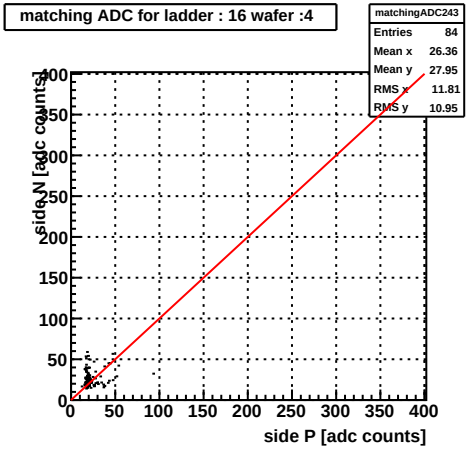

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 37
Mean x 20.44
Mean y 35.67
RMS x 4.633
RMS y 27.74
side N [adc counts]
side P [adc counts]

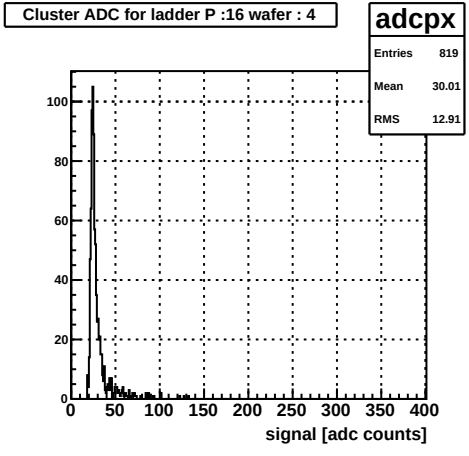

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2597
Mean 23.1
RMS 5.448
signal [adc counts]

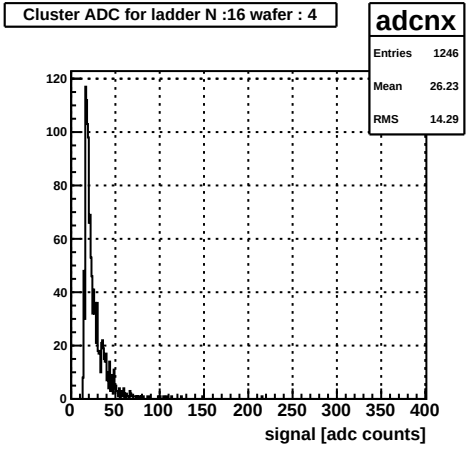

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1411
Mean 34.08
RMS 30.99
signal [adc counts]

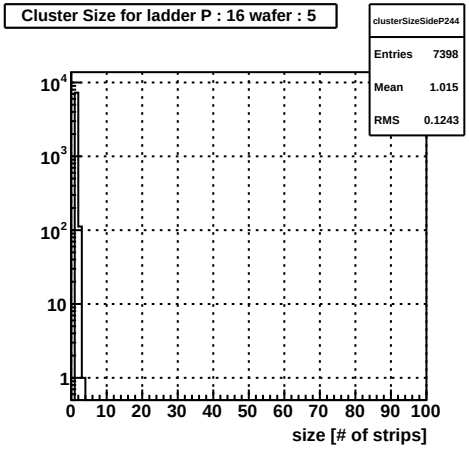

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 819
Mean 1.079
RMS 0.3003
size [# of strips]

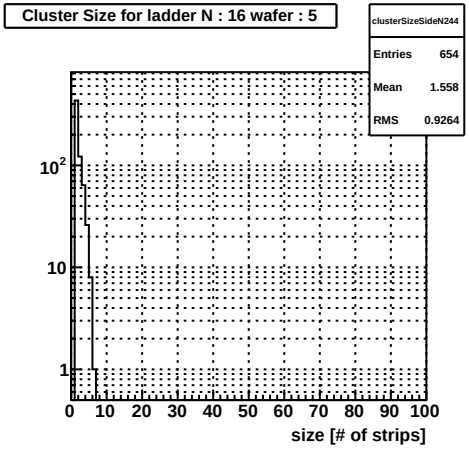

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1246
Mean 1.074
RMS 0.346
size [# of strips]

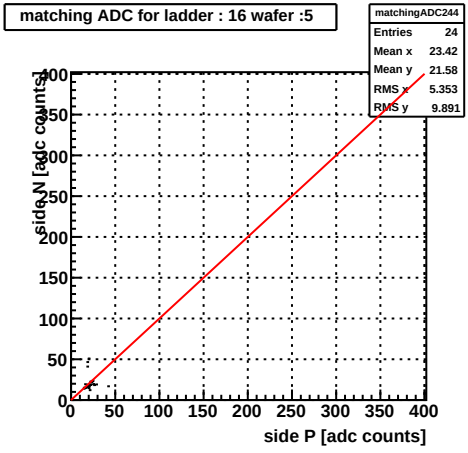

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 84
Mean x 26.36
Mean y 27.95
RMS x 11.81
RMS y 10.95
side N [adc counts]
side P [adc counts]

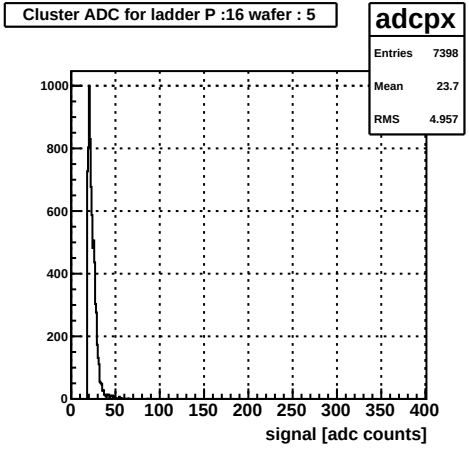

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 819
Mean 30.01
RMS 12.91
signal [adc counts]

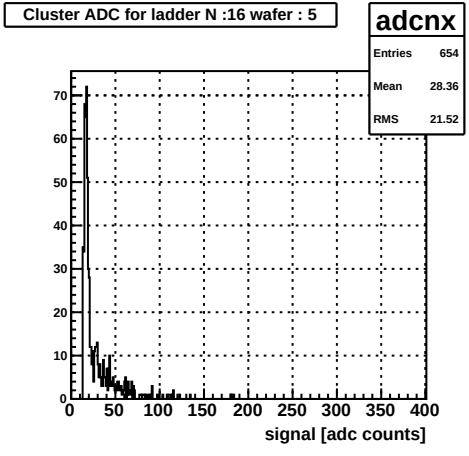

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1246
Mean 26.23
RMS 14.29
signal [adc counts]

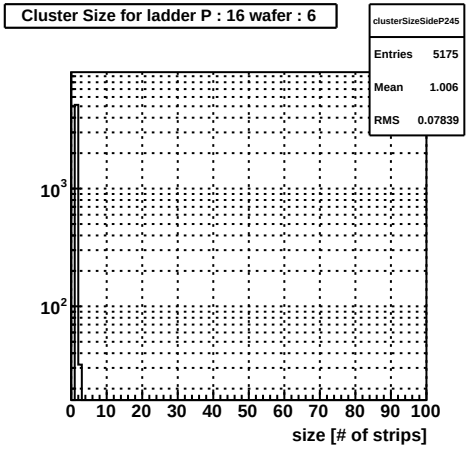

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 7398
Mean 1.015
RMS 0.1243
size [# of strips]

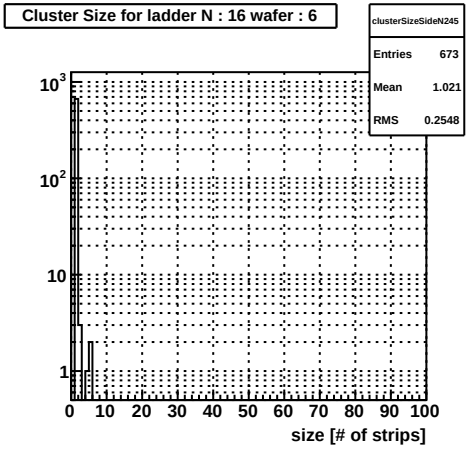

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 654
Mean 1.558
RMS 0.9264
size [# of strips]

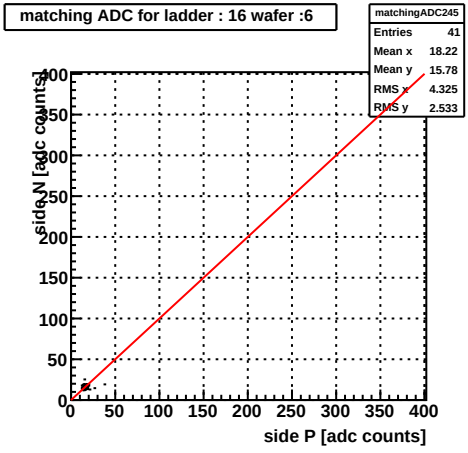

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 24
Mean x 23.42
Mean y 21.58
RMS x 5.353
RMS y 9.891
side N [adc counts]
side P [adc counts]

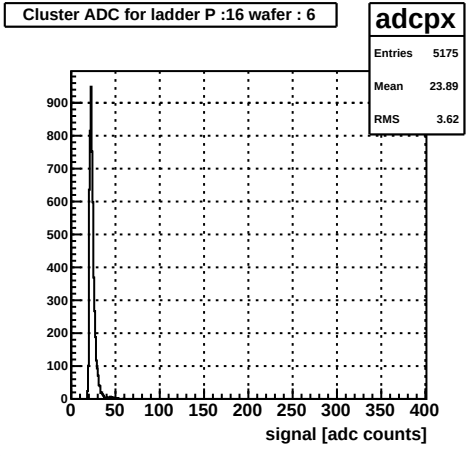

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 7398
Mean 23.7
RMS 4.957
signal [adc counts]

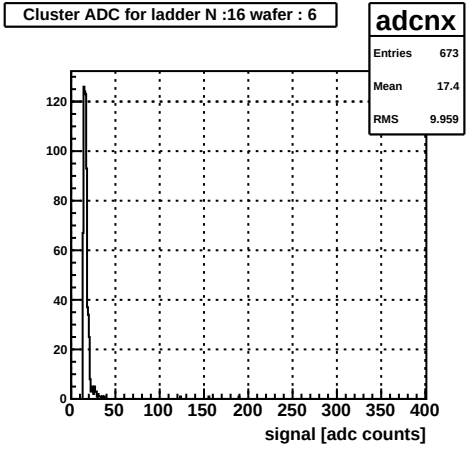

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 654
Mean 28.36
RMS 21.52
signal [adc counts]

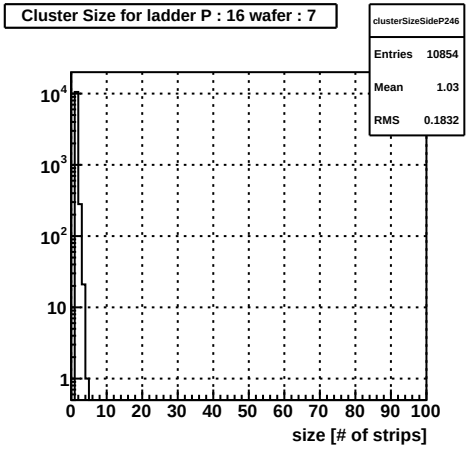

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 5175
Mean 1.006
RMS 0.07839
size [# of strips]

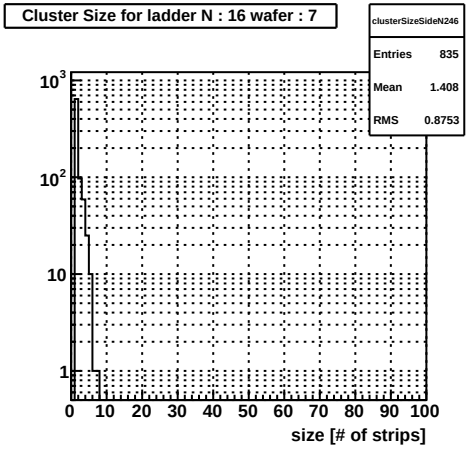

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 673
Mean 1.021
RMS 0.2548
size [# of strips]

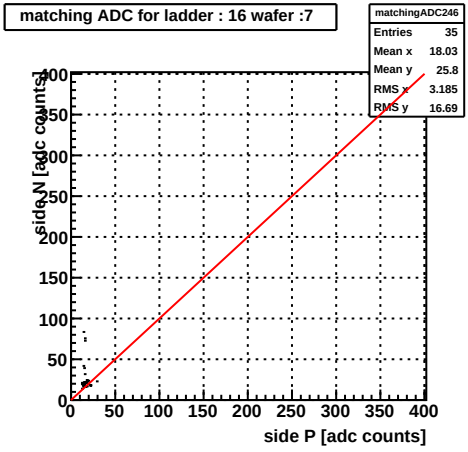

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 41
Mean x 18.22
Mean y 15.78
RMS x 4.325
RMS y 2.533
side N [adc counts]
side P [adc counts]

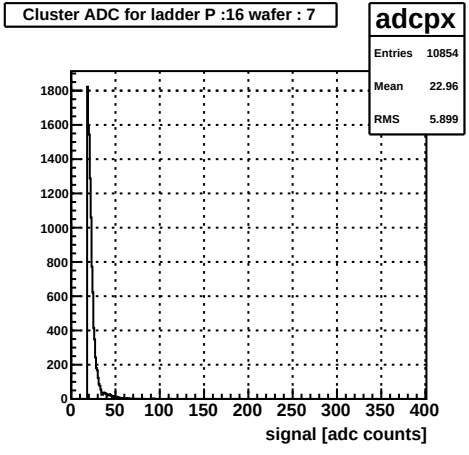

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 5175
Mean 23.89
RMS 3.62
signal [adc counts]

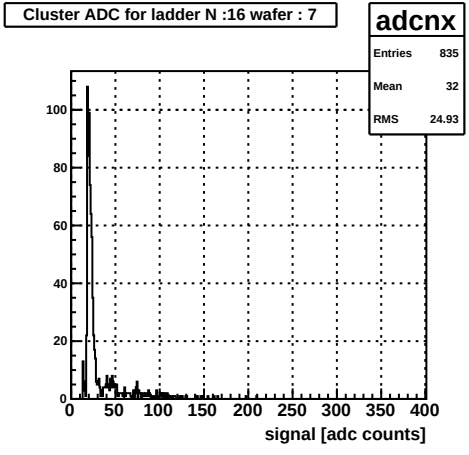

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 673
Mean 17.4
RMS 9.959
signal [adc counts]

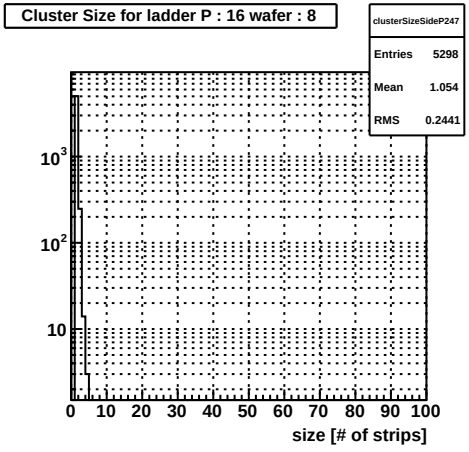

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 10854
Mean 1.03
RMS 0.1832
size [# of strips]

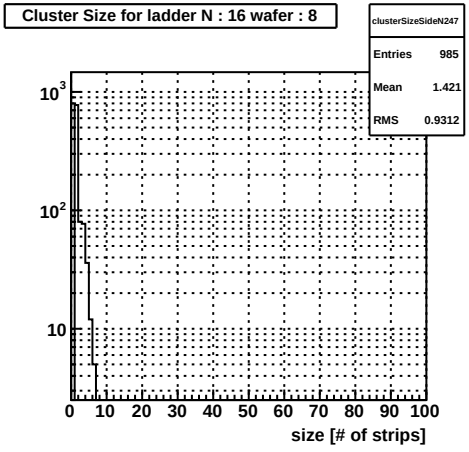

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 835
Mean 1.408
RMS 0.8753
size [# of strips]

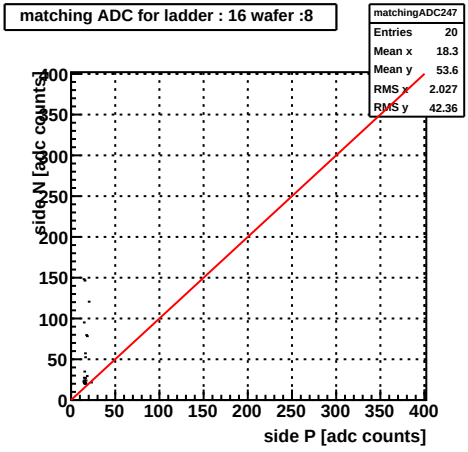

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 35
Mean x 18.03
Mean y 25.8
RMS x 3.185
RMS y 16.69
side N [adc counts]
side P [adc counts]

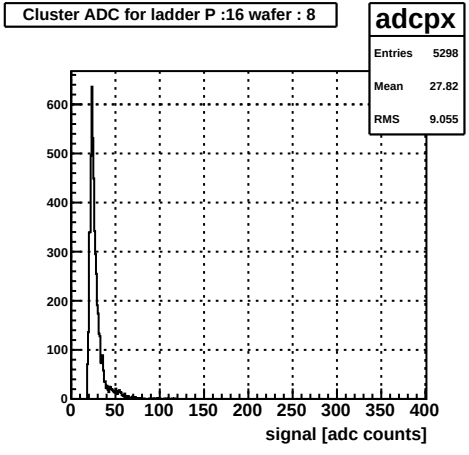

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 10854
Mean 22.96
RMS 5.899
signal [adc counts]

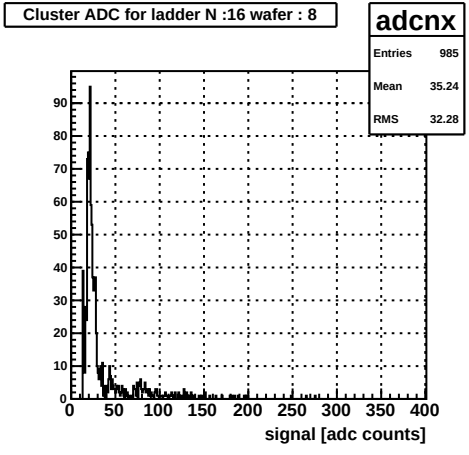

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 835
Mean 32
RMS 24.93
signal [adc counts]

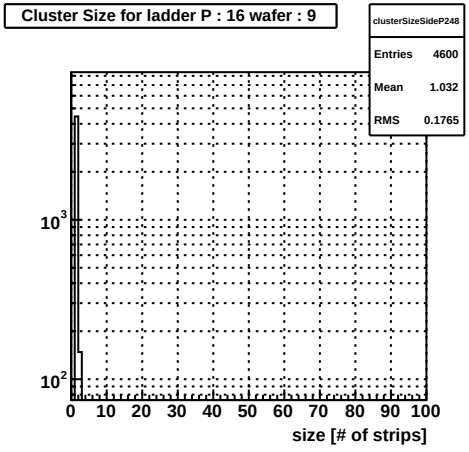

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 5298
Mean 1.054
RMS 0.2441
size [# of strips]

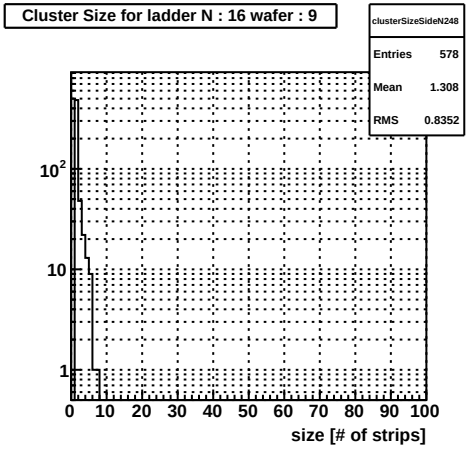

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 985
Mean 1.421
RMS 0.9312
size [# of strips]

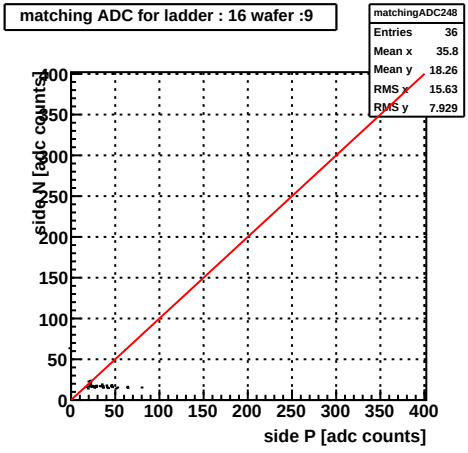

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 20
Mean x 18.3
Mean y 53.6
RMS x 2.027
RMS y 42.36
side N [adc counts]
side P [adc counts]

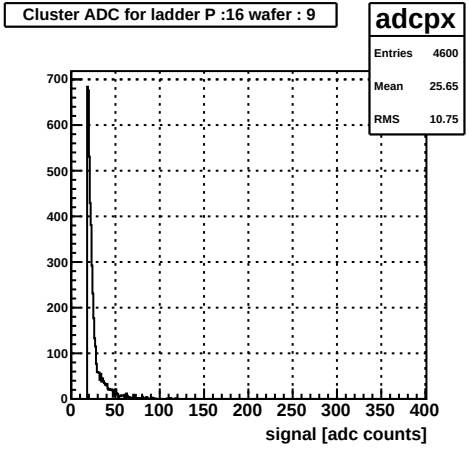

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 5298
Mean 27.82
RMS 9.055
signal [adc counts]

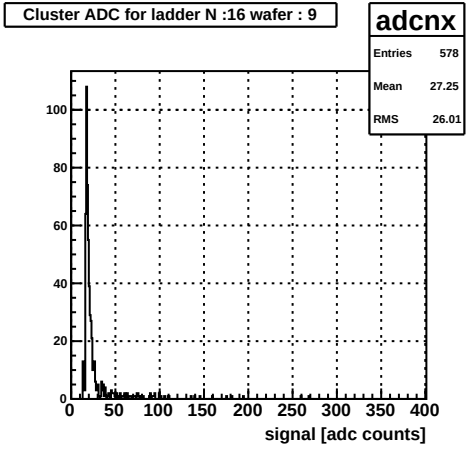

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 985
Mean 35.24
RMS 32.28
signal [adc counts]

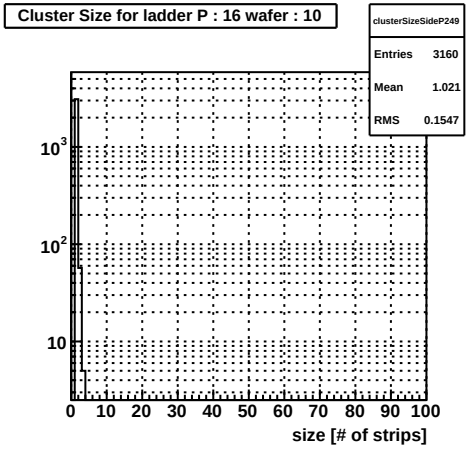

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 4600
Mean 1.032
RMS 0.1765
size [# of strips]

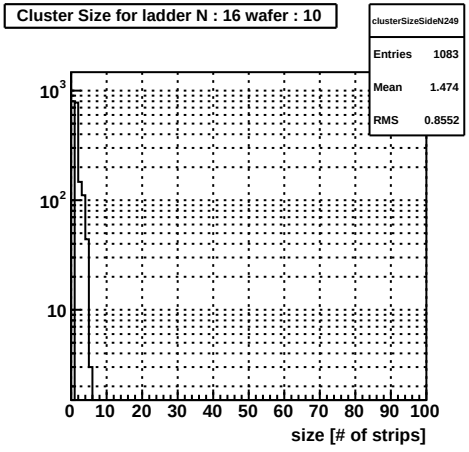

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 578
Mean 1.308
RMS 0.8352
size [# of strips]

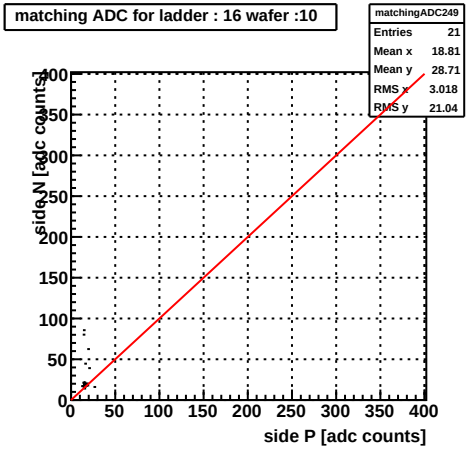

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 36
Mean x 35.8
Mean y 18.26
RMS x 15.63
RMS y 7.929
side N [adc counts]
side P [adc counts]

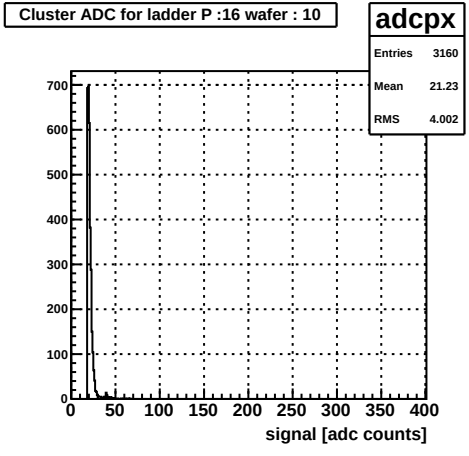

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 4600
Mean 25.65
RMS 10.75
signal [adc counts]

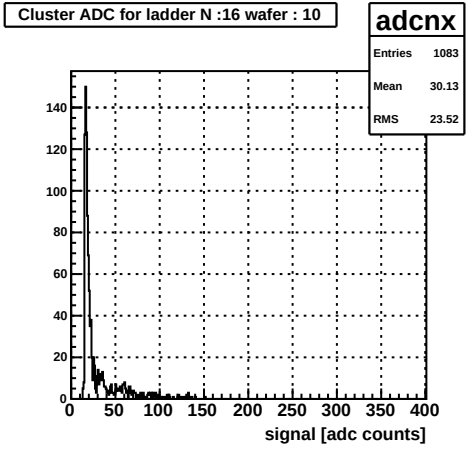

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 578
Mean 27.25
RMS 26.01
signal [adc counts]

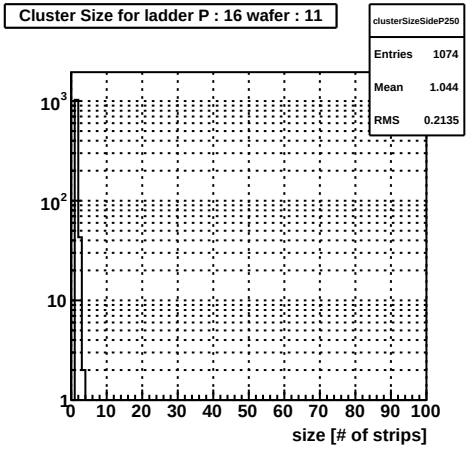

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3160
Mean 1.021
RMS 0.1547
size [# of strips]

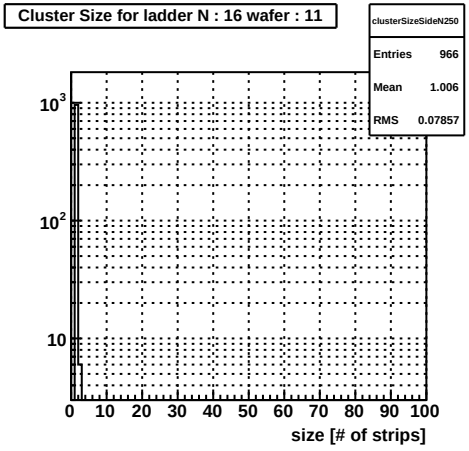

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1083
Mean 1.474
RMS 0.8552
size [# of strips]

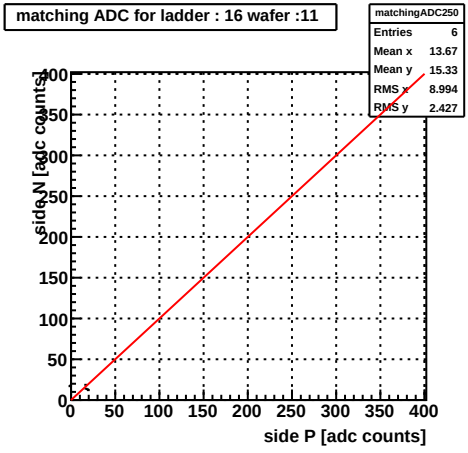

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 21
Mean x 18.81
Mean y 28.71
RMS x 3.018
RMS y 21.04
side N [adc counts]
side P [adc counts]

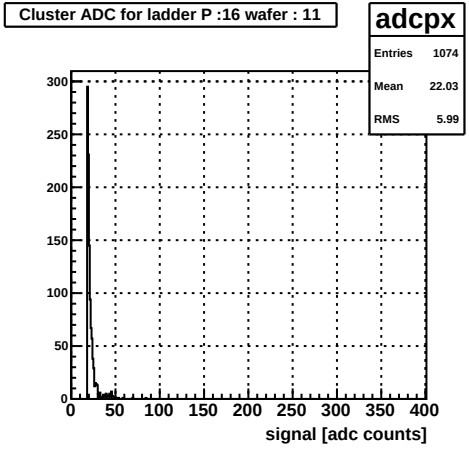

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3160
Mean 21.23
RMS 4.002
signal [adc counts]

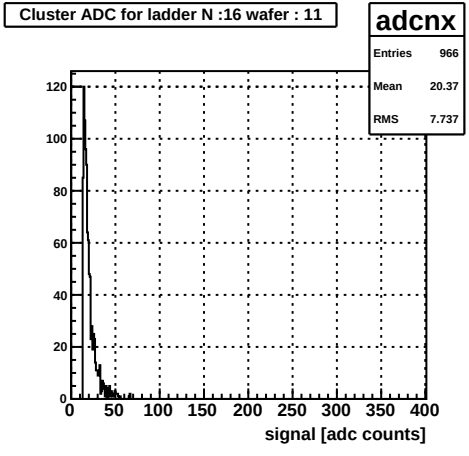

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1083
Mean 30.13
RMS 23.52
signal [adc counts]

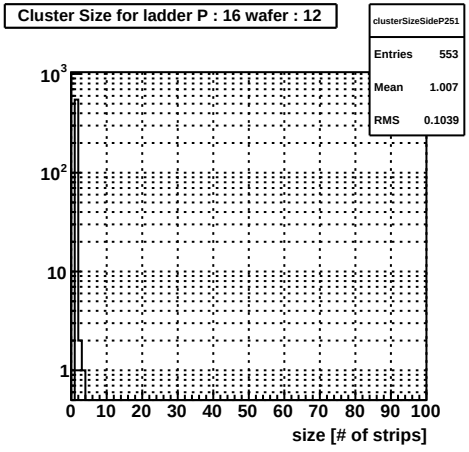

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1074
Mean 1.044
RMS 0.2135
size [# of strips]

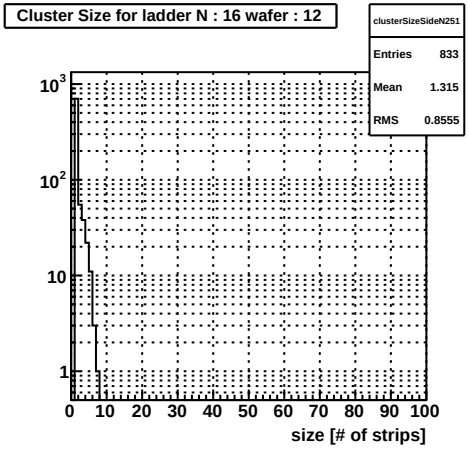

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 966
Mean 1.006
RMS 0.07857
size [# of strips]

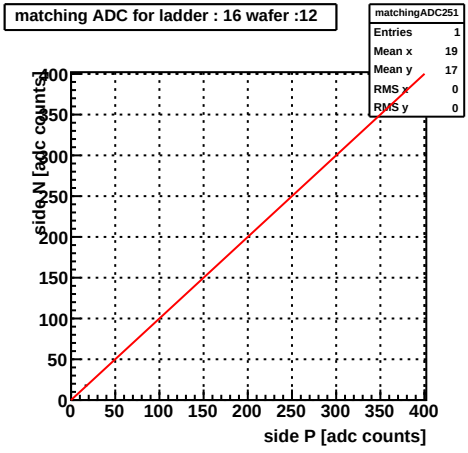

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 6
Mean x 13.67
Mean y 15.33
RMS x 8.994
RMS y 2.427
side N [adc counts]
side P [adc counts]

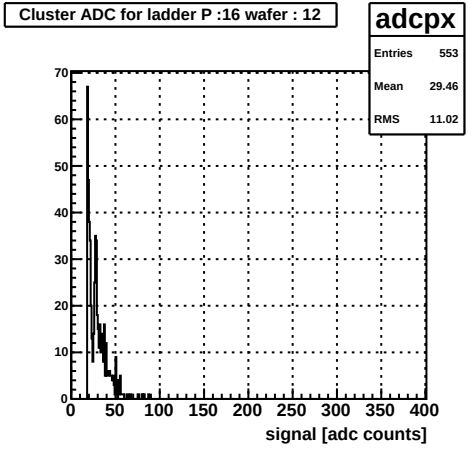

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1074
Mean 22.03
RMS 5.99
signal [adc counts]

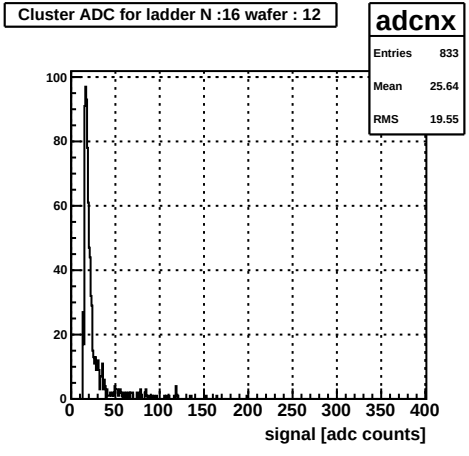

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 966
Mean 20.37
RMS 7.737
signal [adc counts]

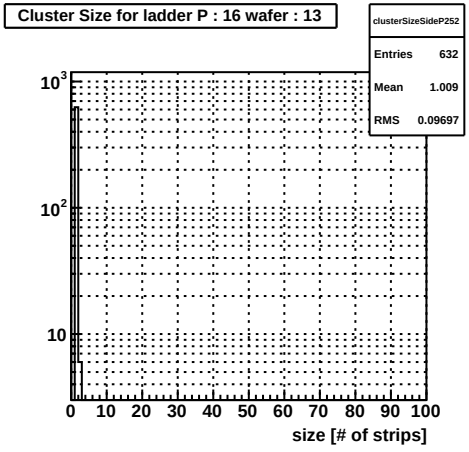

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 553
Mean 1.007
RMS 0.1039
size [# of strips]

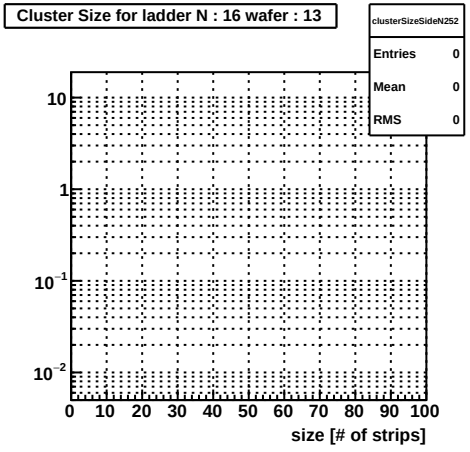

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 833
Mean 1.315
RMS 0.8555
size [# of strips]

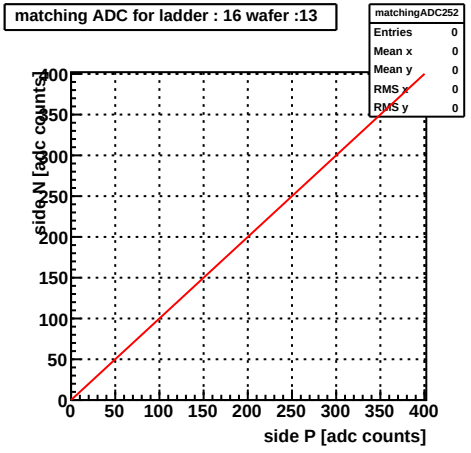

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

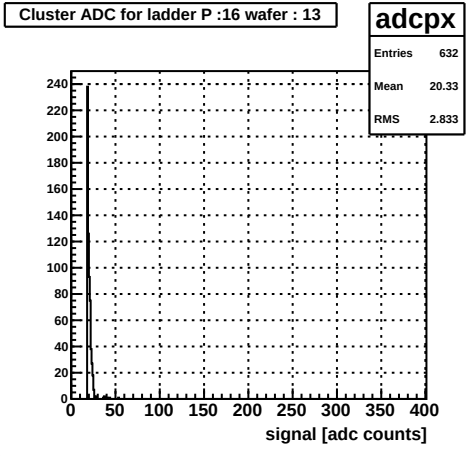

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 553
Mean 29.46
RMS 11.02
signal [adc counts]

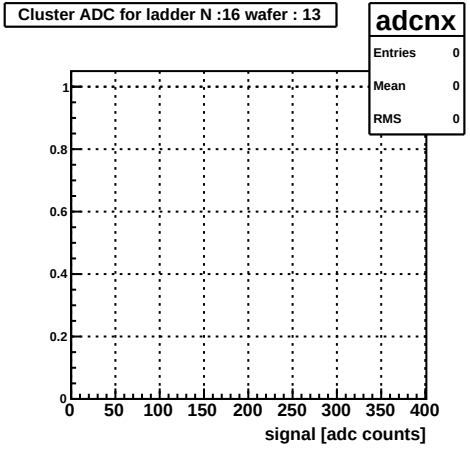

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 833
Mean 25.64
RMS 19.55
signal [adc counts]

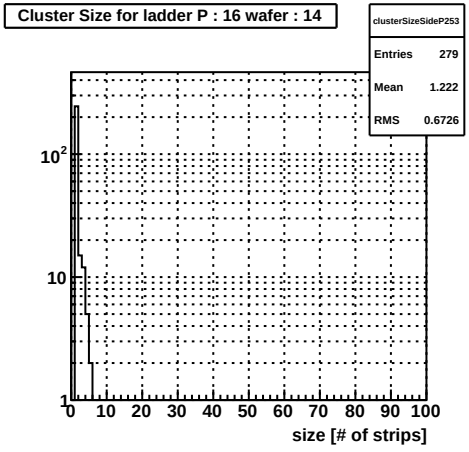

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 632
Mean 1.009
RMS 0.09697
size [# of strips]

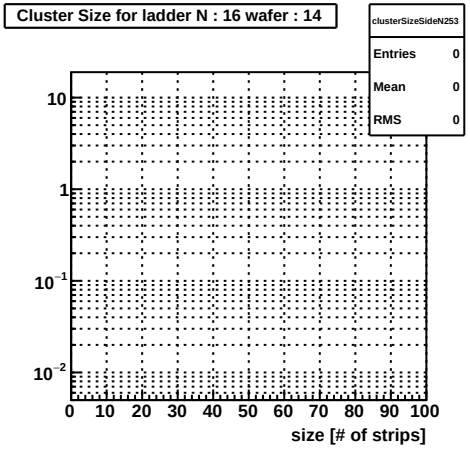

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

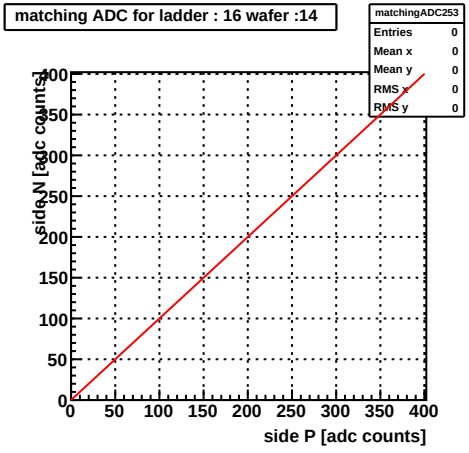

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

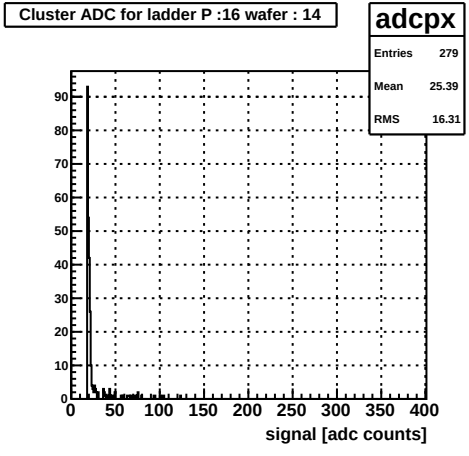

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 632
Mean 20.33
RMS 2.833
signal [adc counts]

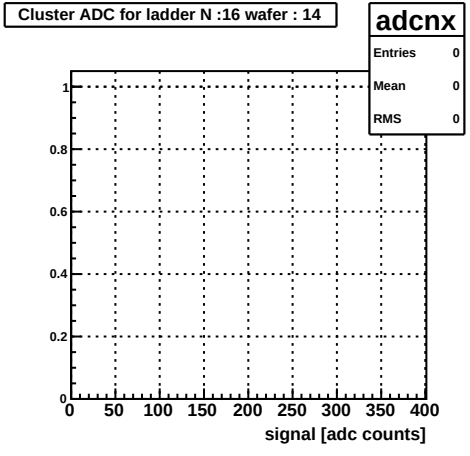

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

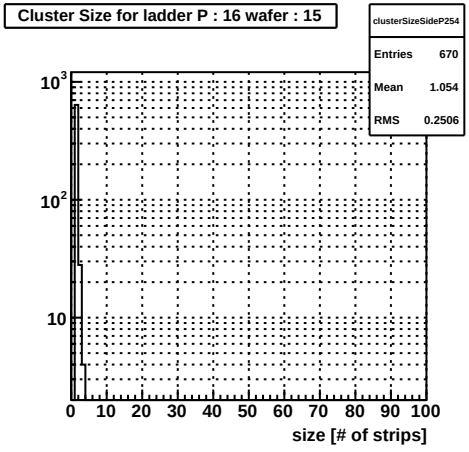

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 279
Mean 1.222
RMS 0.6726
size [# of strips]

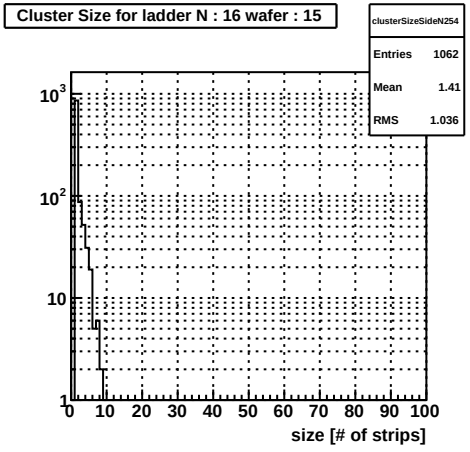

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

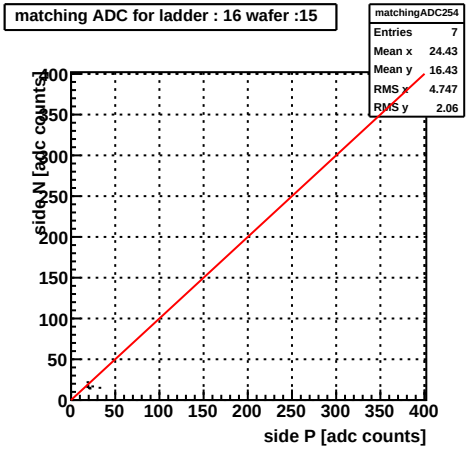

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

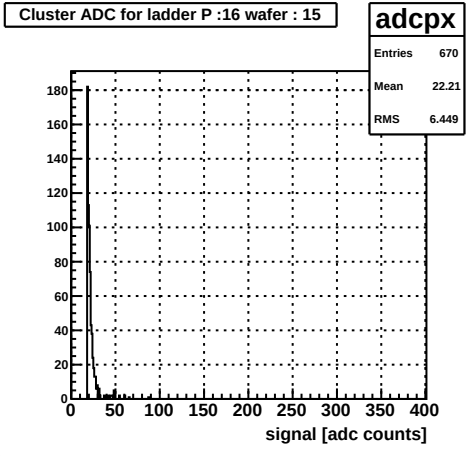

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 279
Mean 25.39
RMS 16.31
signal [adc counts]

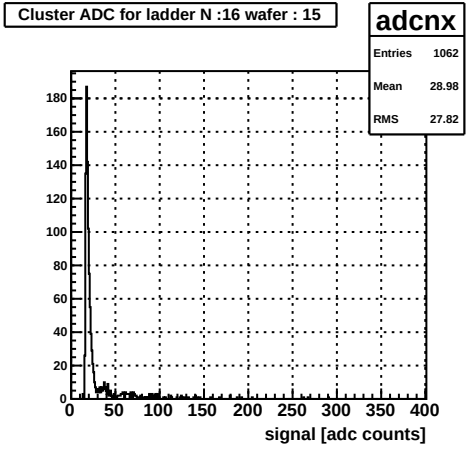

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

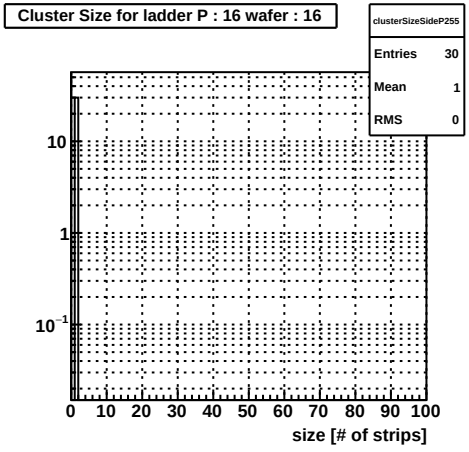

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 670
Mean 1.054
RMS 0.2506
size [# of strips]

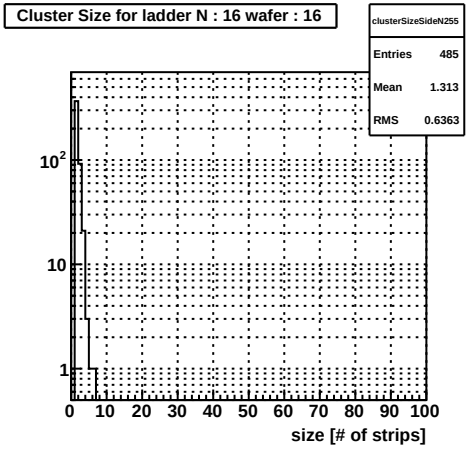

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1062
Mean 1.41
RMS 1.036
size [# of strips]

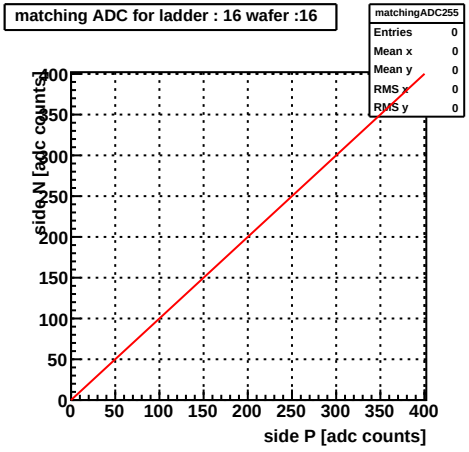

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 7
Mean x 24.43
Mean y 16.43
RMS x 4.747
RMS y 2.06
side N [adc counts]
side P [adc counts]

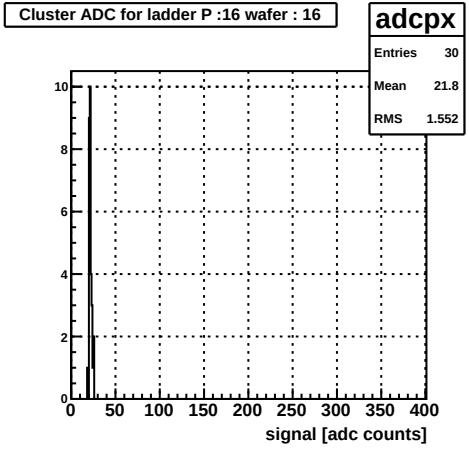

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 670
Mean 22.21
RMS 6.449
signal [adc counts]

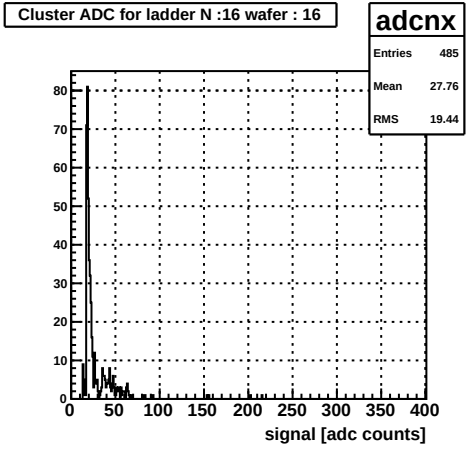

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1062
Mean 28.98
RMS 27.82
signal [adc counts]

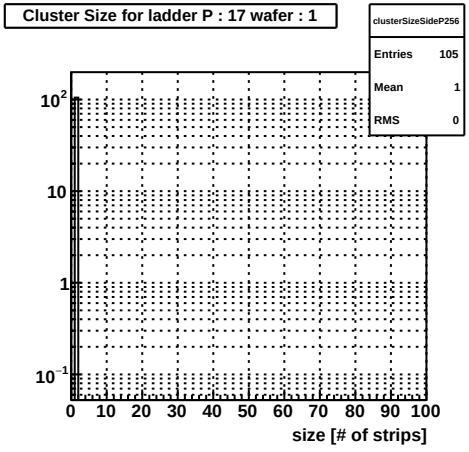

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 30
Mean 1
RMS 0
size [# of strips]

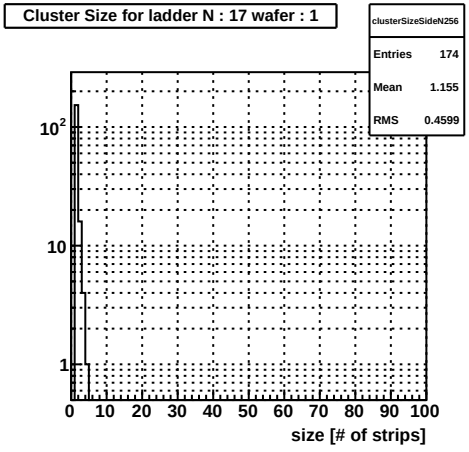

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 485
Mean 1.313
RMS 0.6363
size [# of strips]

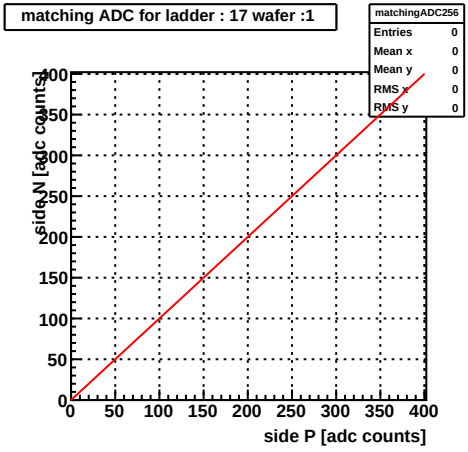

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

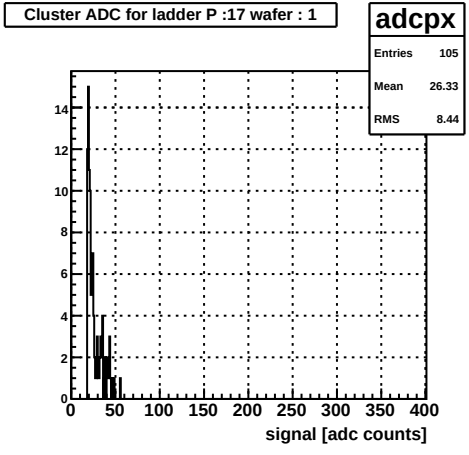

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 30
Mean 21.8
RMS 1.552
signal [adc counts]

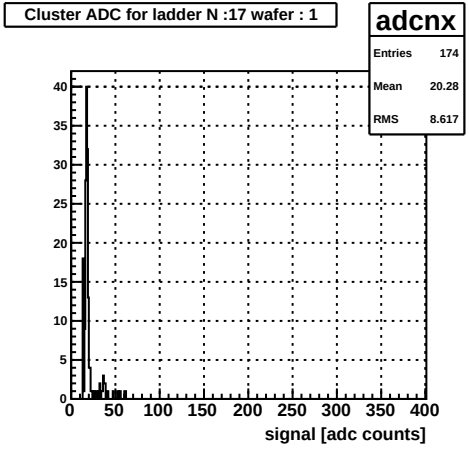

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 485
Mean 27.76
RMS 19.44
signal [adc counts]

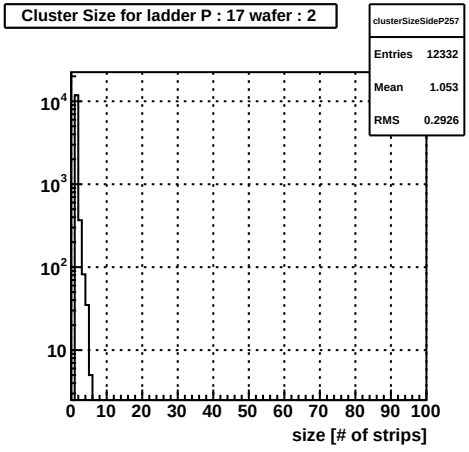

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 105
Mean 1
RMS 0
size [# of strips]

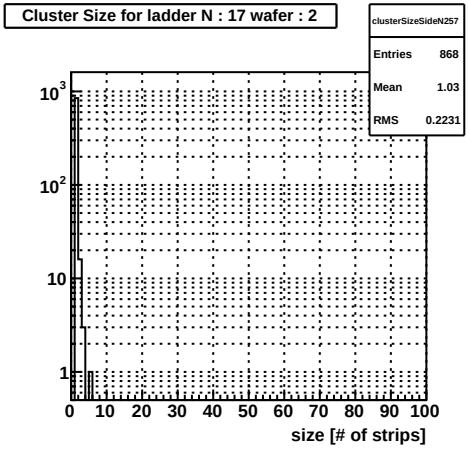

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 174
Mean 1.155
RMS 0.4599
size [# of strips]

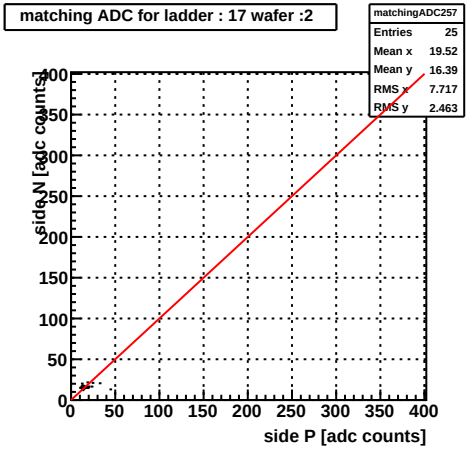

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

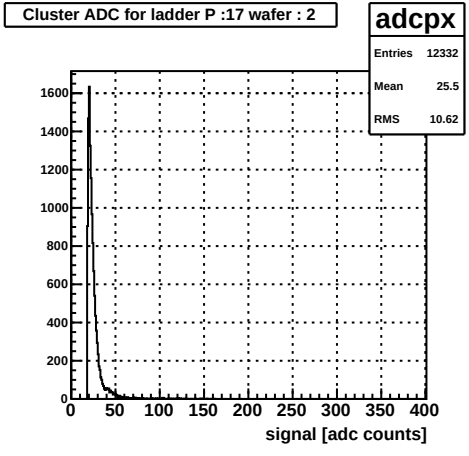

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 105
Mean 26.33
RMS 8.44
signal [adc counts]

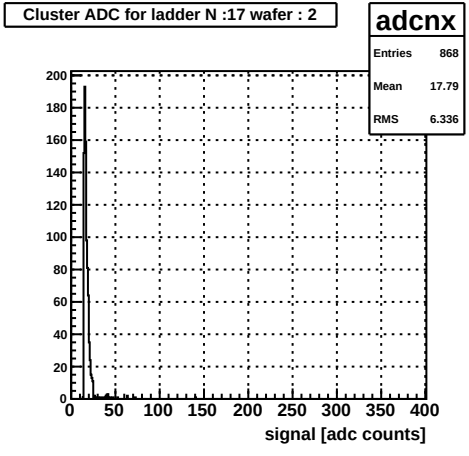

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 174
Mean 20.28
RMS 8.617
signal [adc counts]

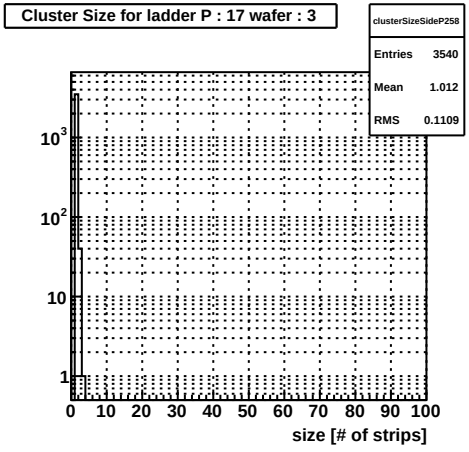

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 12332
Mean 1.053
RMS 0.2926
size [# of strips]

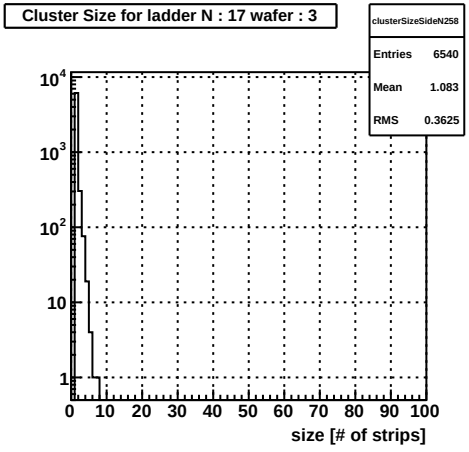

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 868
Mean 1.03
RMS 0.2231
size [# of strips]

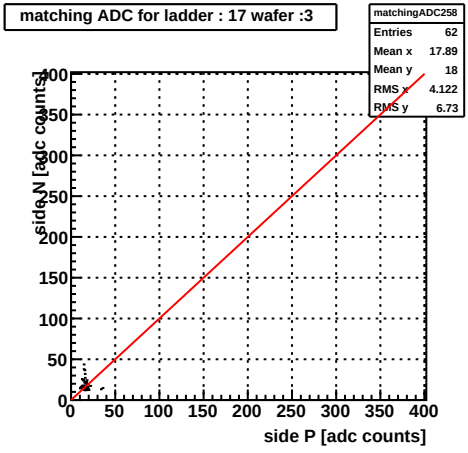

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 25
Mean x 19.52
Mean y 16.39
RMS x 7.717
RMS y 2.463
side N [adc counts]
side P [adc counts]

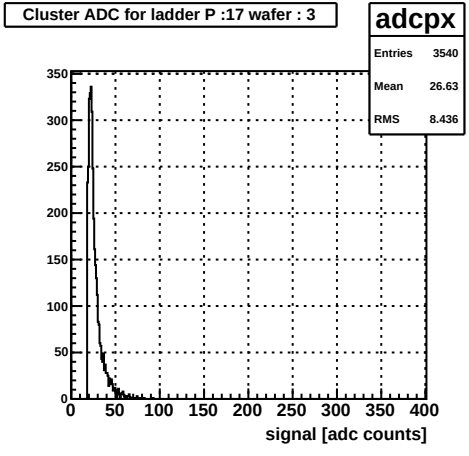

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 12332
Mean 25.5
RMS 10.62
signal [adc counts]

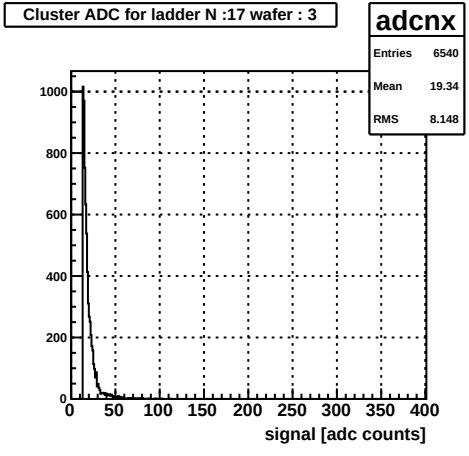

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 868
Mean 17.79
RMS 6.336
signal [adc counts]

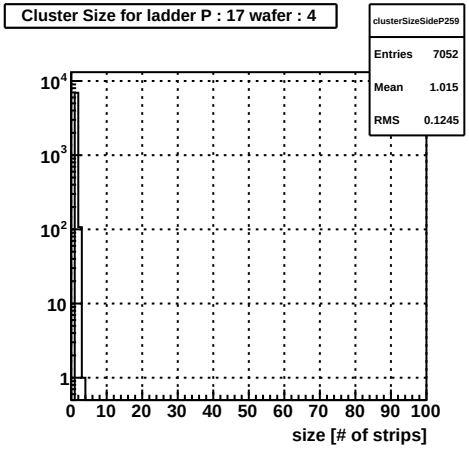

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3540
Mean 1.012
RMS 0.1109
size [# of strips]

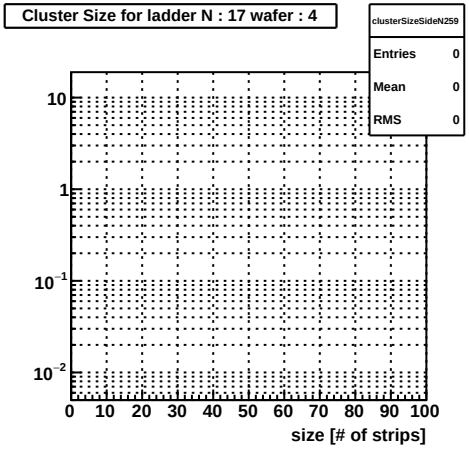

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 6540
Mean 1.083
RMS 0.3625
size [# of strips]

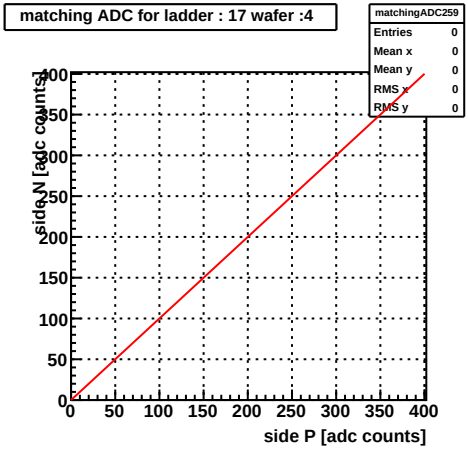

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 62
Mean x 17.89
Mean y 18
RMS x 4.122
RMS y 6.73
side N [adc counts]
side P [adc counts]

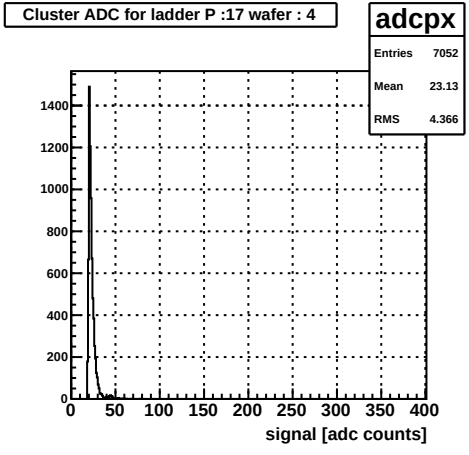

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3540
Mean 26.63
RMS 8.436
signal [adc counts]

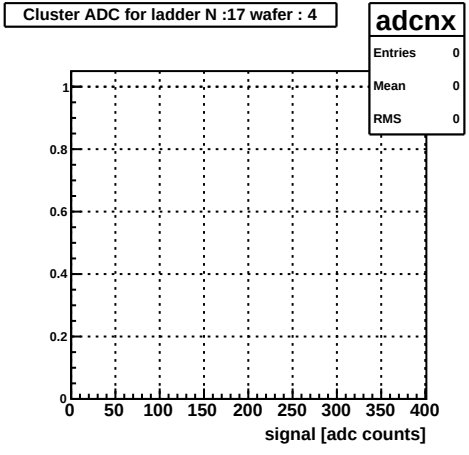

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 6540
Mean 19.34
RMS 8.148
signal [adc counts]

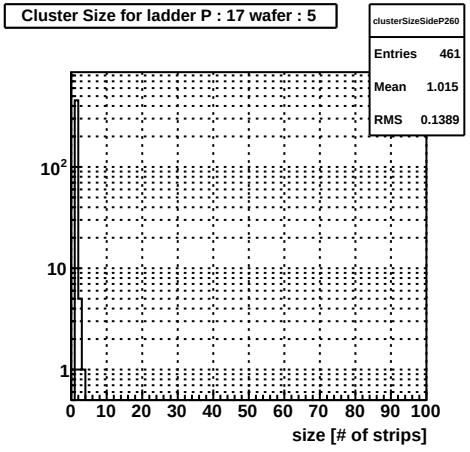

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 7052
Mean 1.015
RMS 0.1245
size [# of strips]

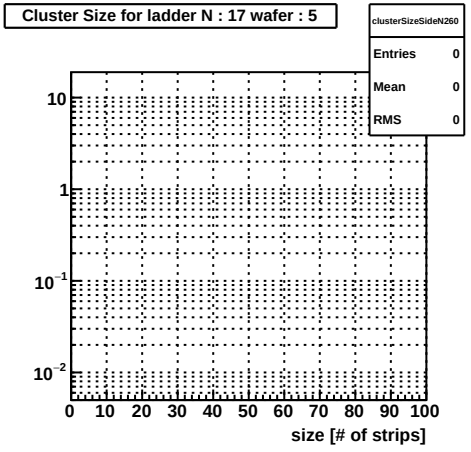

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

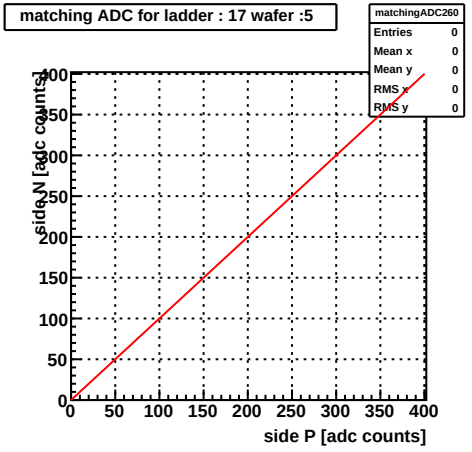

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

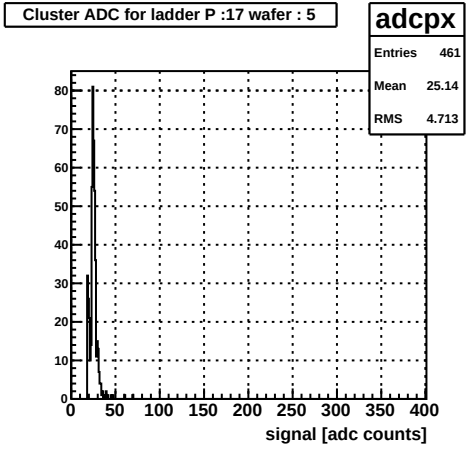

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 7052
Mean 23.13
RMS 4.366
signal [adc counts]

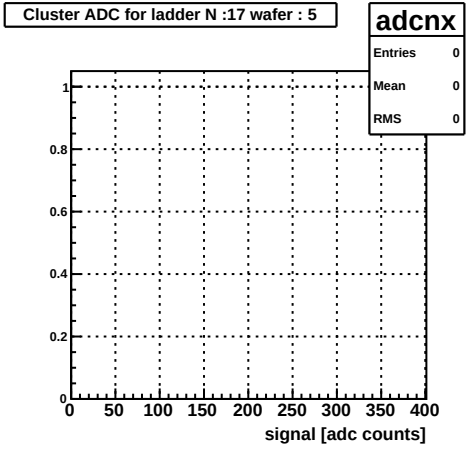

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

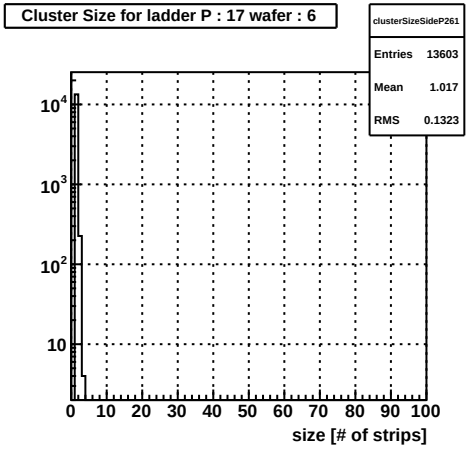

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 461
Mean 1.015
RMS 0.1389
size [# of strips]

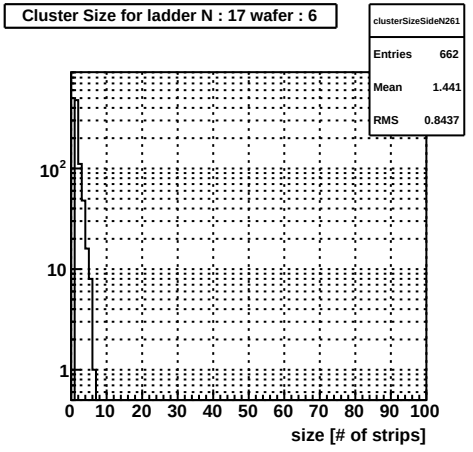

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

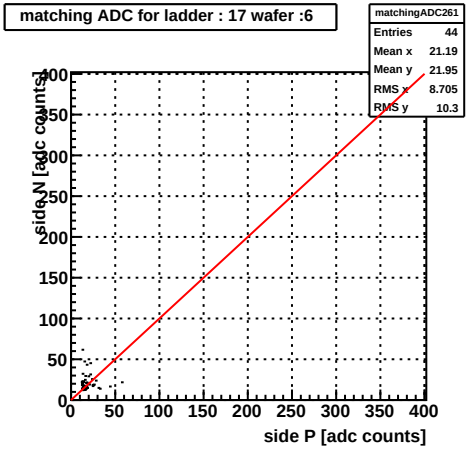

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

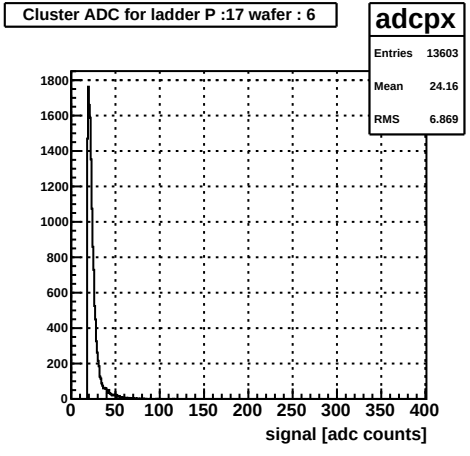

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 461
Mean 25.14
RMS 4.713
signal [adc counts]

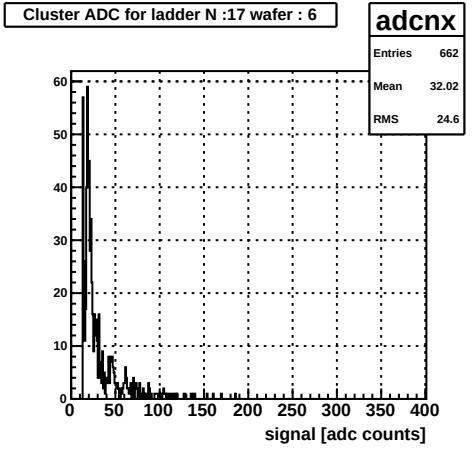

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

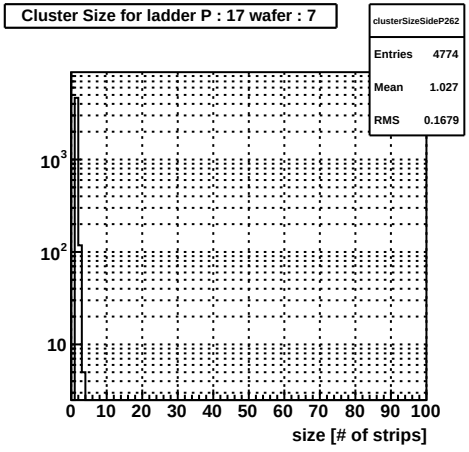

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13603
Mean 1.017
RMS 0.1323
size [# of strips]

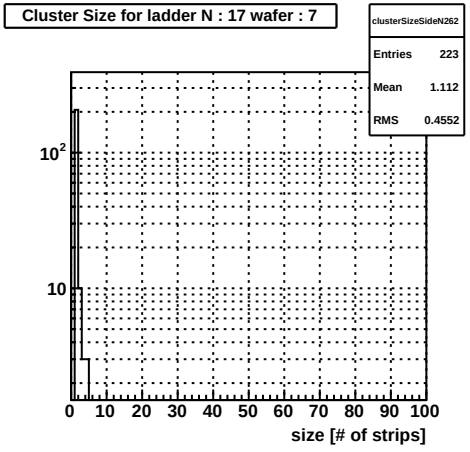

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 662
Mean 1.441
RMS 0.8437
size [# of strips]

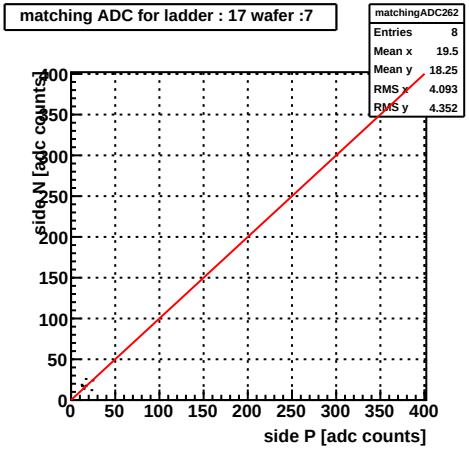

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 44
Mean x 21.19
Mean y 21.95
RMS x 8.705
RMS y 10.3
side N [adc counts]
side P [adc counts]

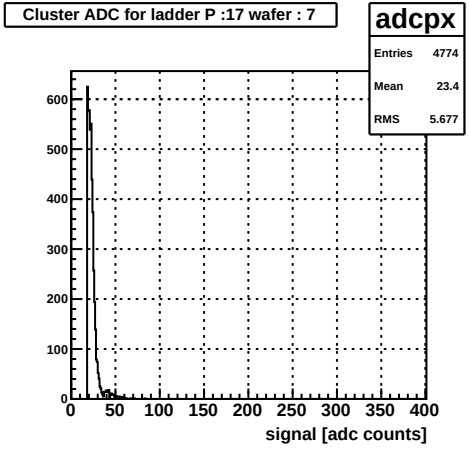

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13603
Mean 24.16
RMS 6.869
signal [adc counts]

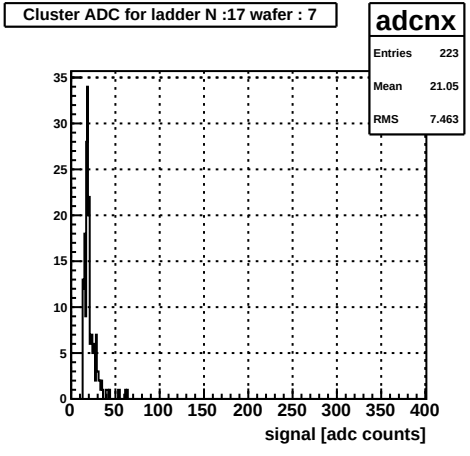

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 662
Mean 32.02
RMS 24.6
signal [adc counts]

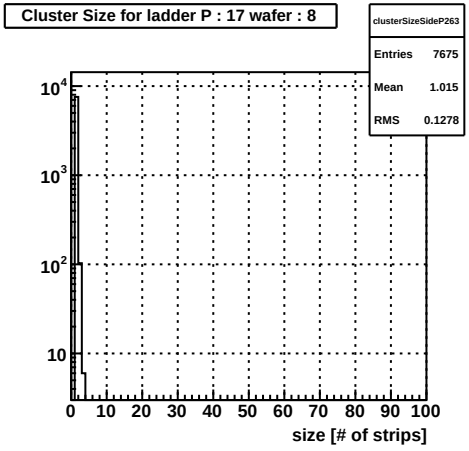

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 4774
Mean 1.027
RMS 0.1679
size [# of strips]

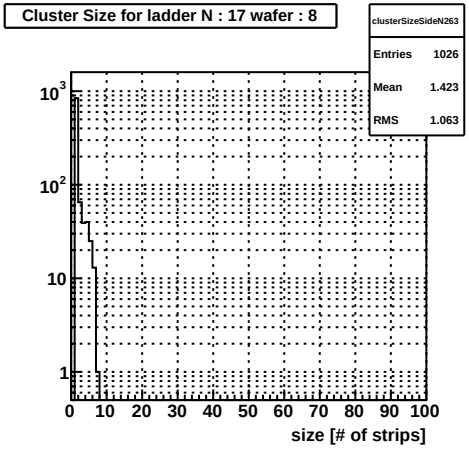

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 223
Mean 1.112
RMS 0.4552
size [# of strips]

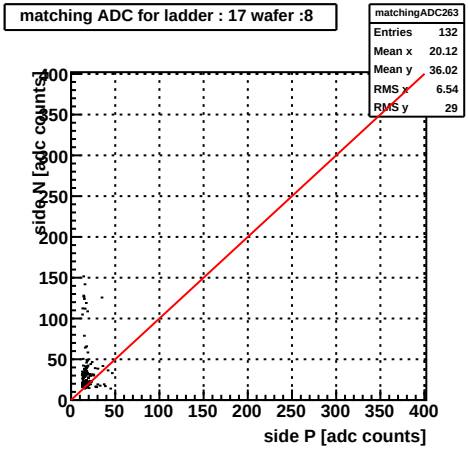

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 8
Mean x 19.5
Mean y 18.25
RMS x 4.093
RMS y 4.352
side N [adc counts]
side P [adc counts]

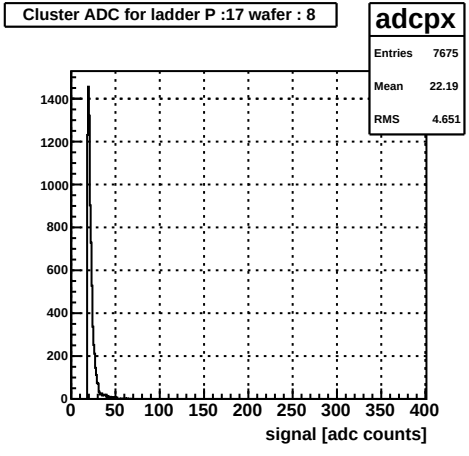

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 4774
Mean 23.4
RMS 5.677
signal [adc counts]

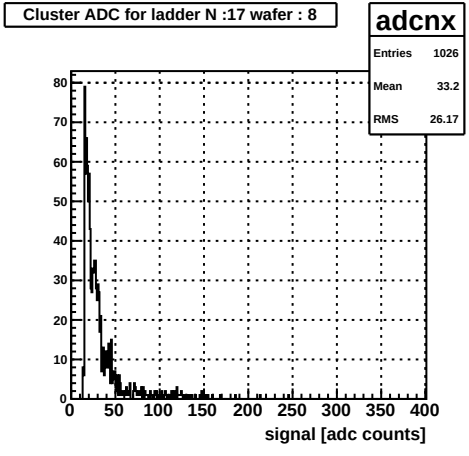

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 223
Mean 21.05
RMS 7.463
signal [adc counts]

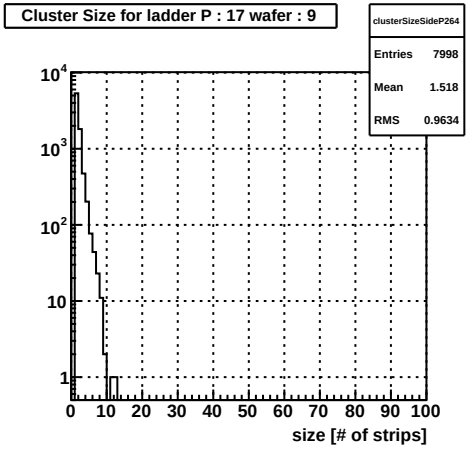

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 7675
Mean 1.015
RMS 0.1278
size [# of strips]

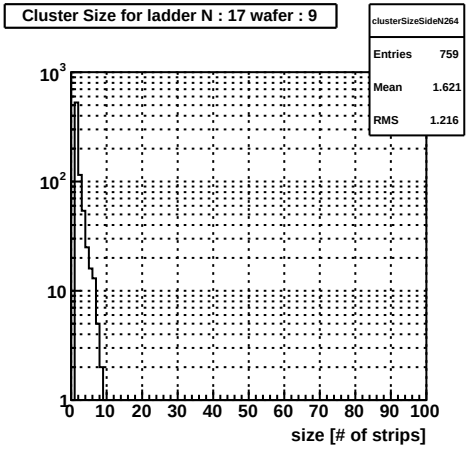

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1026
Mean 1.423
RMS 1.063
size [# of strips]

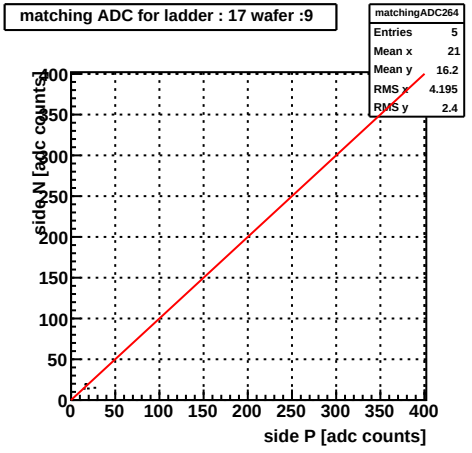

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 132
Mean x 20.12
Mean y 36.02
RMS x 6.54
RMS y 29
side N [adc counts]
side P [adc counts]

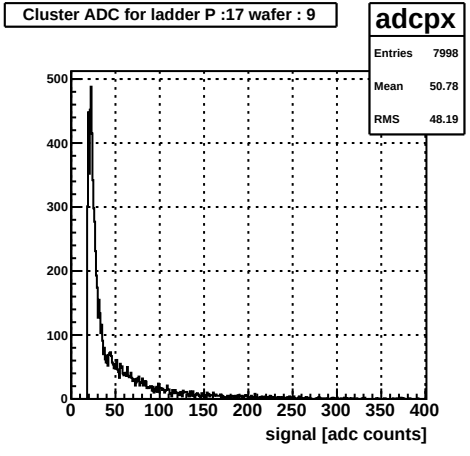

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 7675
Mean 22.19
RMS 4.651
signal [adc counts]

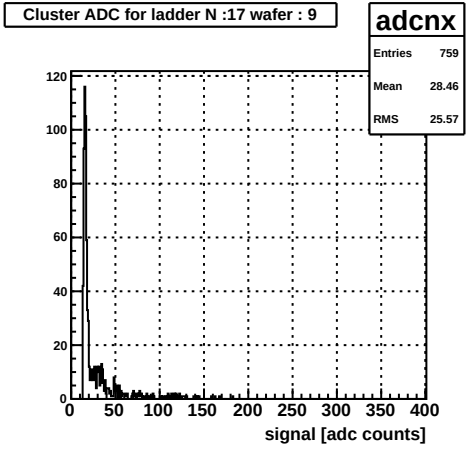

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1026
Mean 33.2
RMS 26.17
signal [adc counts]

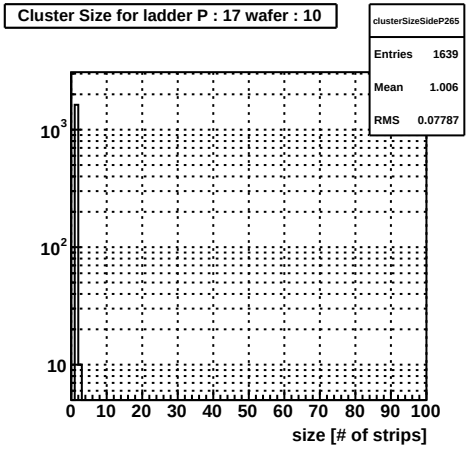

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 7998
Mean 1.518
RMS 0.9634
size [# of strips]

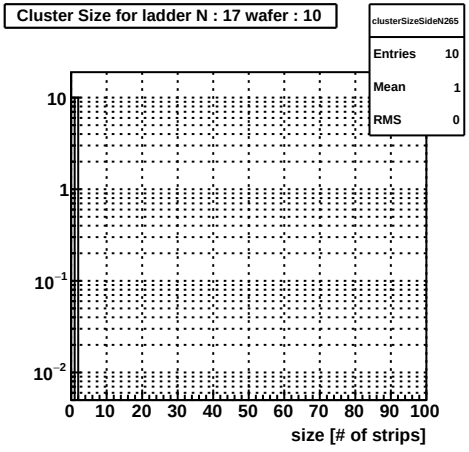

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 759
Mean 1.621
RMS 1.216
size [# of strips]

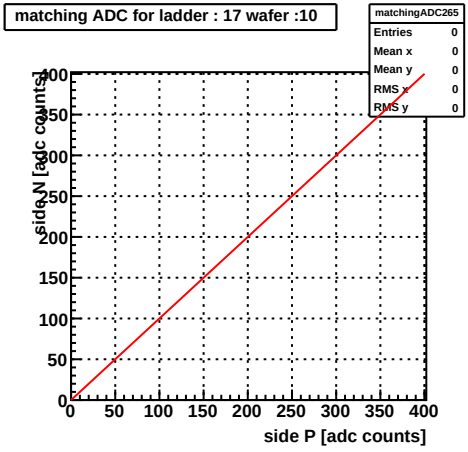

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 5
Mean x 21
Mean y 16.2
RMS x 4.195
RMS y 2.4
side N [adc counts]
side P [adc counts]

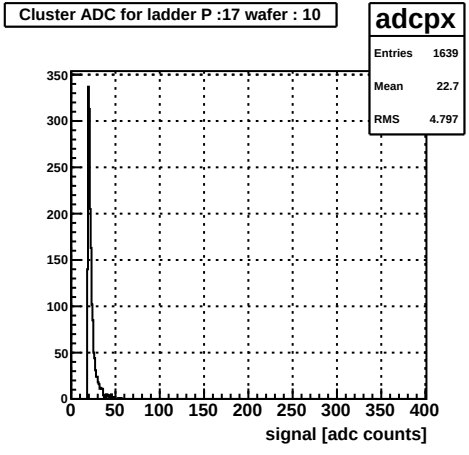

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 7998
Mean 50.78
RMS 48.19
signal [adc counts]

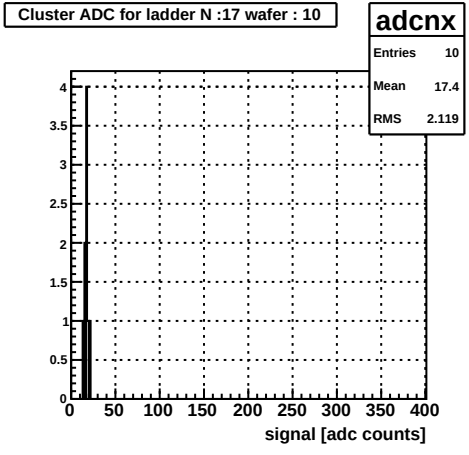

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 759
Mean 28.46
RMS 25.57
signal [adc counts]

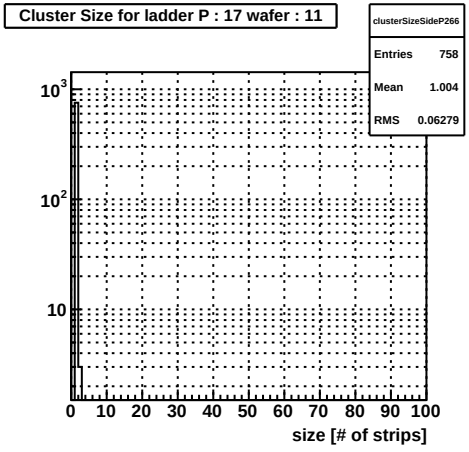

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1639
Mean 1.006
RMS 0.07787
size [# of strips]

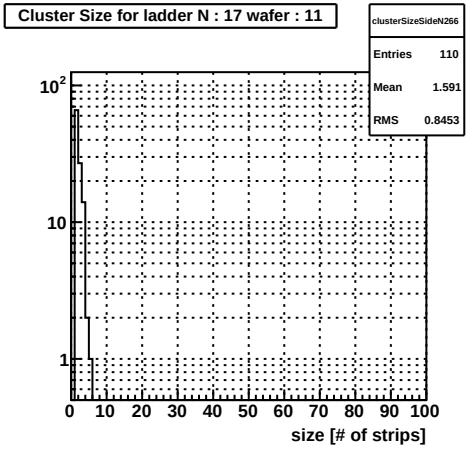

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 10
Mean 1
RMS 0
size [# of strips]

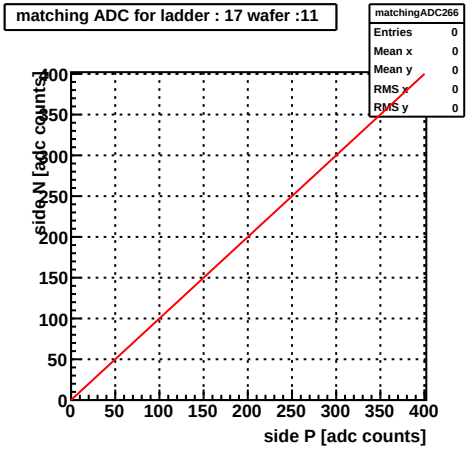

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

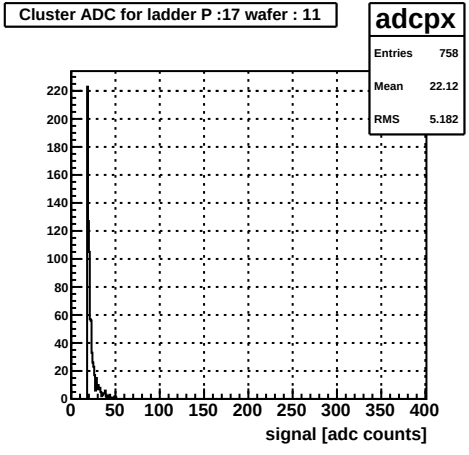

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1639
Mean 22.7
RMS 4.797
signal [adc counts]

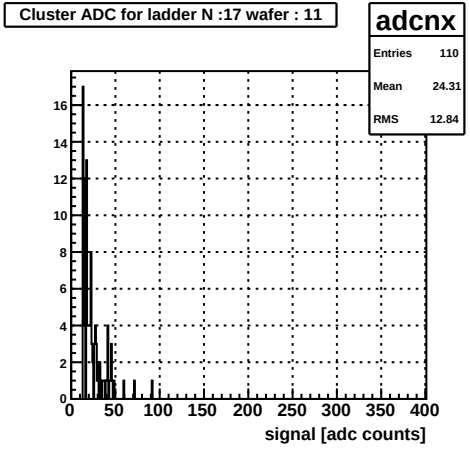

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 10
Mean 17.4
RMS 2.119
signal [adc counts]

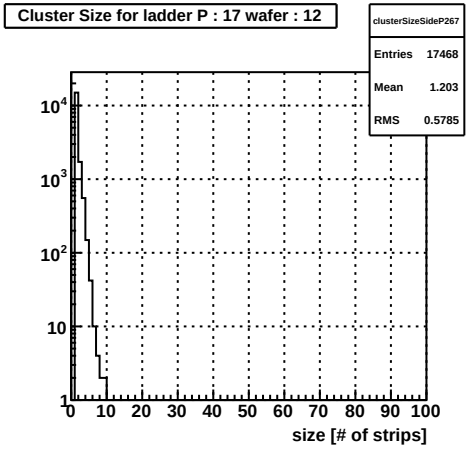

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 758
Mean 1.004
RMS 0.06279
size [# of strips]

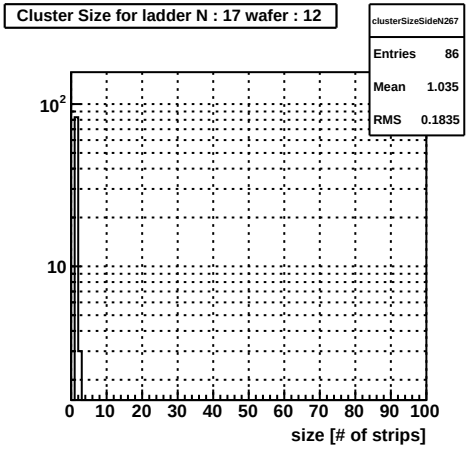

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 110
Mean 1.591
RMS 0.8453
size [# of strips]

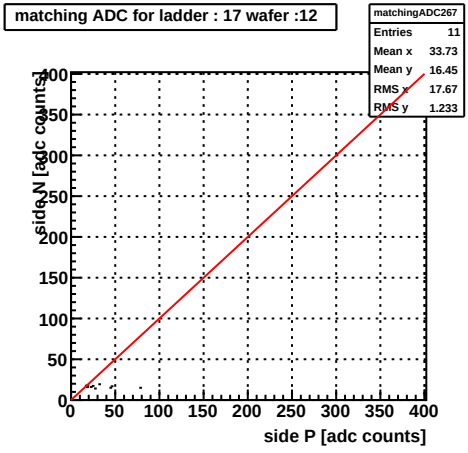

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

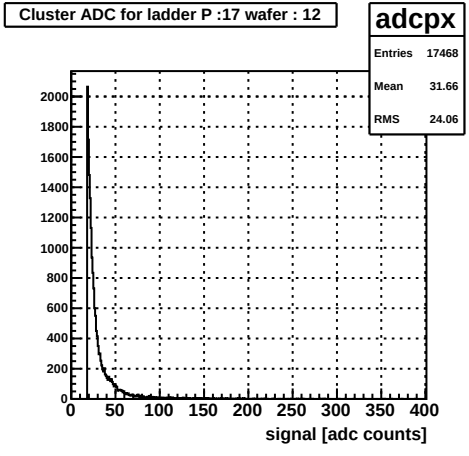

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 758
Mean 22.12
RMS 5.182
signal [adc counts]

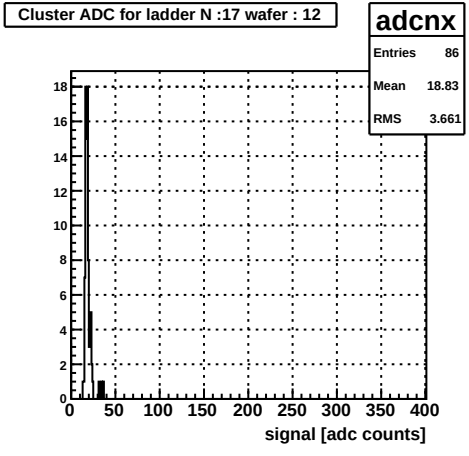

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 110
Mean 24.31
RMS 12.84
signal [adc counts]

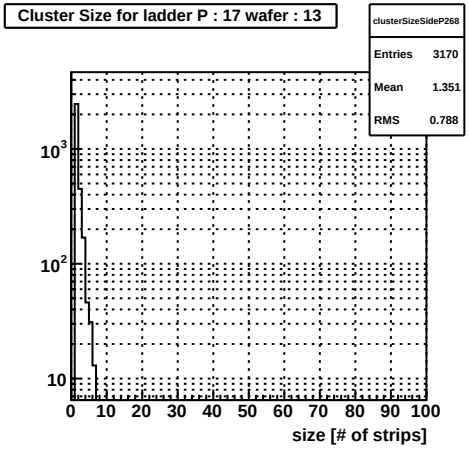

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 17468
Mean 1.203
RMS 0.5785
size [# of strips]

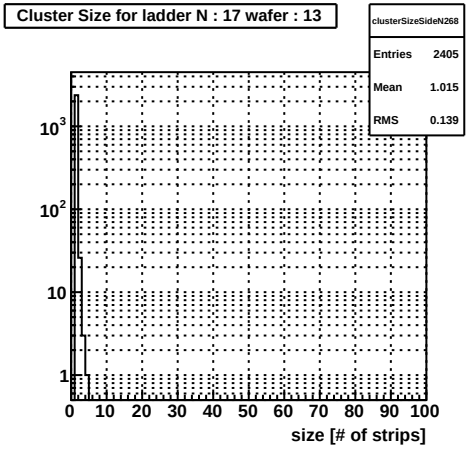

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 86
Mean 1.035
RMS 0.1835
size [# of strips]

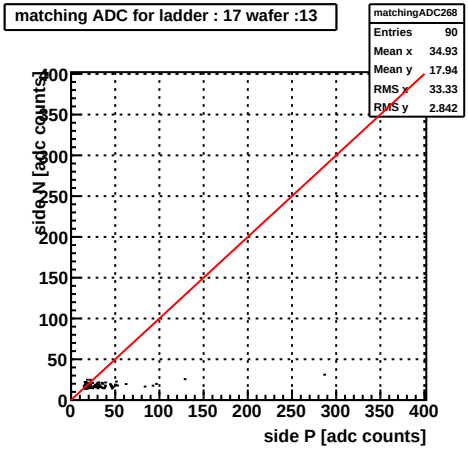

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11
Mean x 33.73
Mean y 16.45
RMS x 17.67
RMS y 1.233
side N [adc counts]
side P [adc counts]

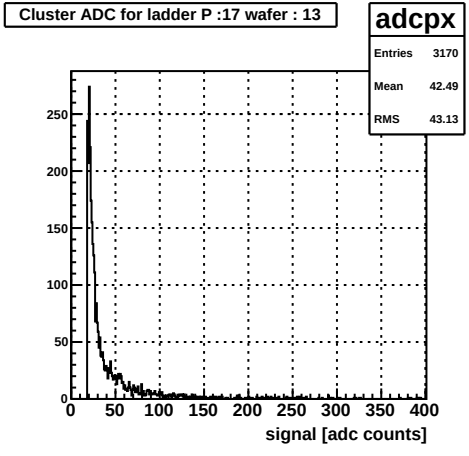

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 17468
Mean 31.66
RMS 24.06
signal [adc counts]

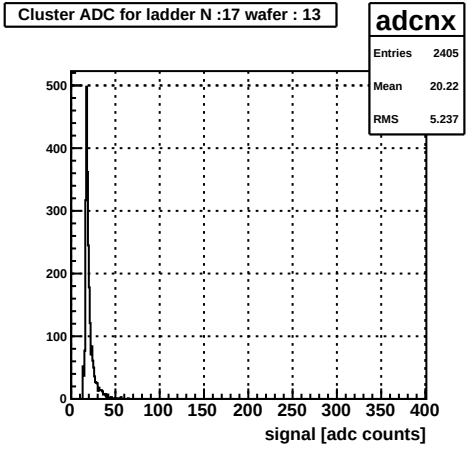

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 86
Mean 18.83
RMS 3.661
signal [adc counts]

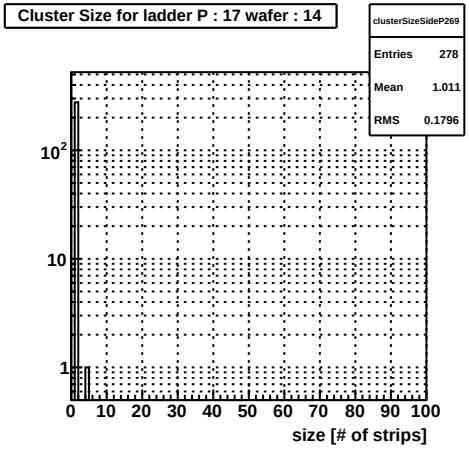

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3170
Mean 1.351
RMS 0.788
size [# of strips]

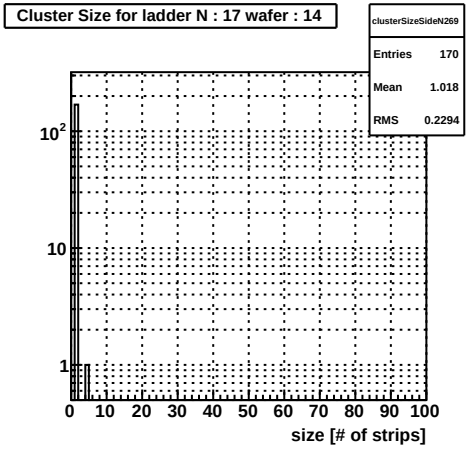

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 2405
Mean 1.015
RMS 0.139
size [# of strips]

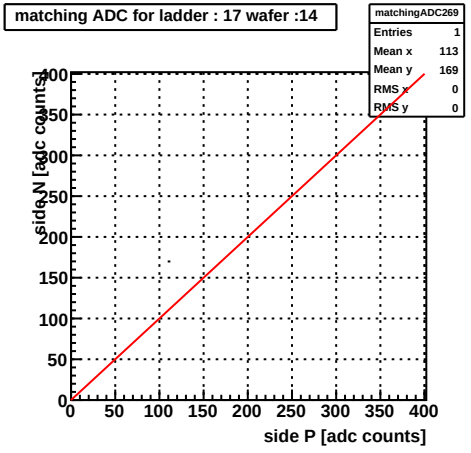

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 90
Mean x 34.93
Mean y 17.94
RMS x 33.33
RMS y 2.842
side N [adc counts]
side P [adc counts]

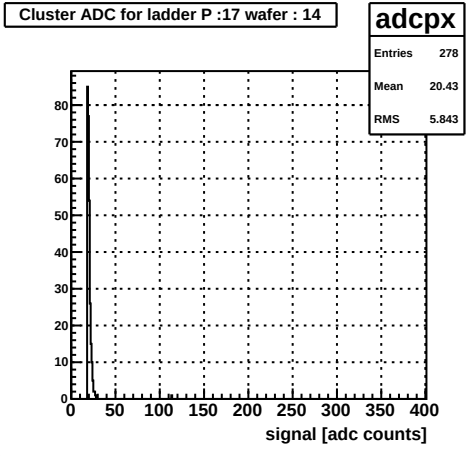

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3170
Mean 42.49
RMS 43.13
signal [adc counts]

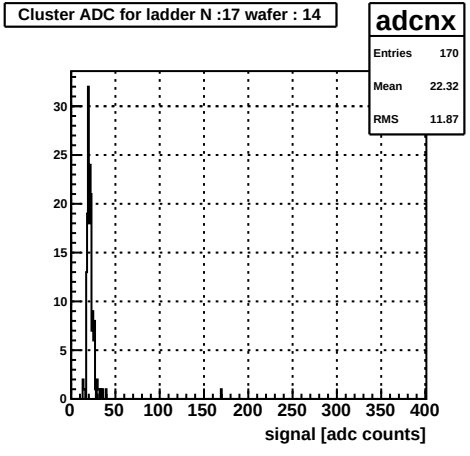

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 2405
Mean 20.22
RMS 5.237
signal [adc counts]

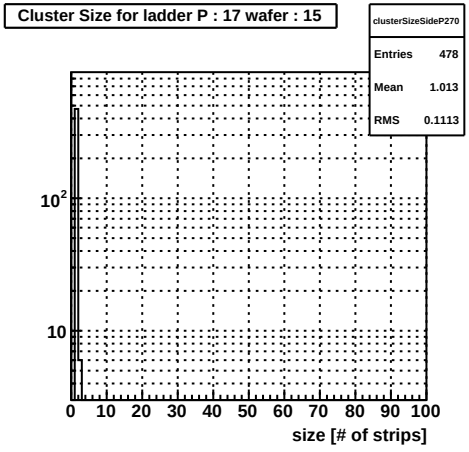

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 278
Mean 1.011
RMS 0.1796
size [# of strips]

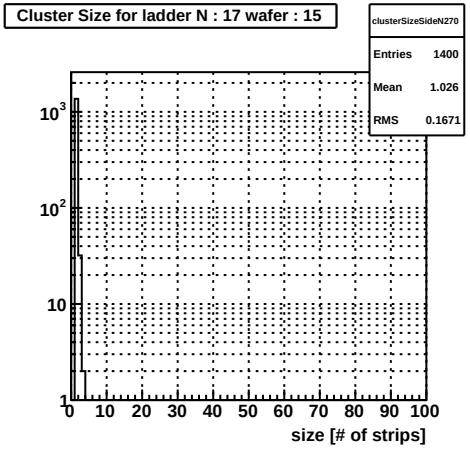

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 170
Mean 1.018
RMS 0.2294
size [# of strips]

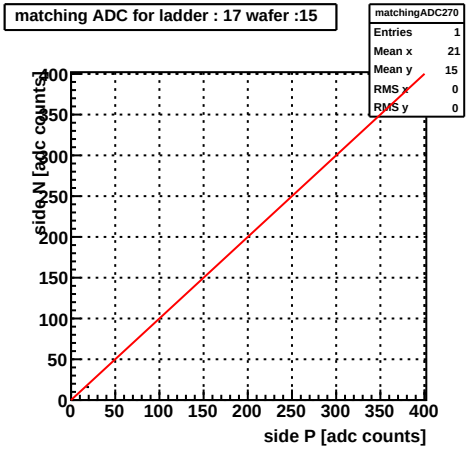

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1
Mean x 113
Mean y 169
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

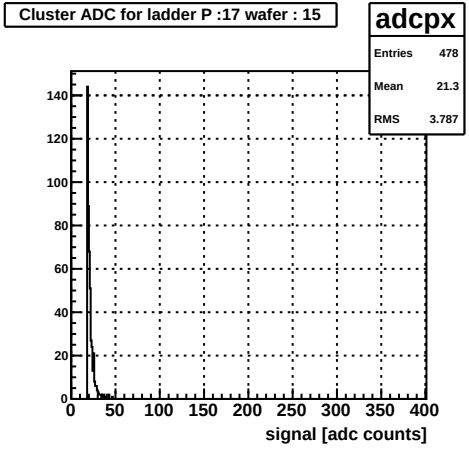

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 278
Mean 20.43
RMS 5.843
signal [adc counts]

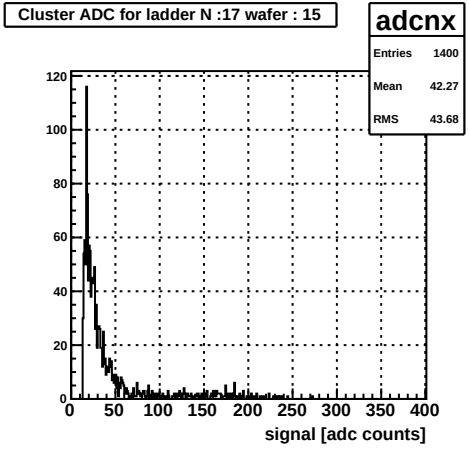

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 170
Mean 22.32
RMS 11.87
signal [adc counts]

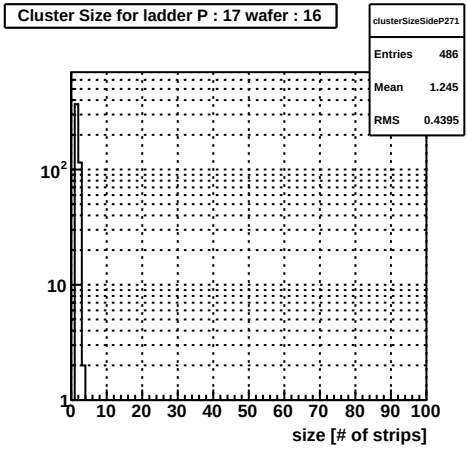

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 478
Mean 1.013
RMS 0.1113
size [# of strips]

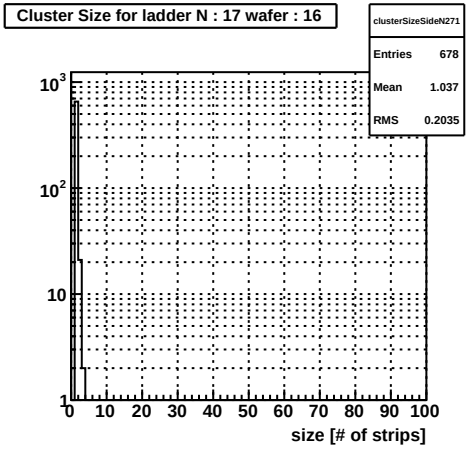

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1400
Mean 1.026
RMS 0.1671
size [# of strips]

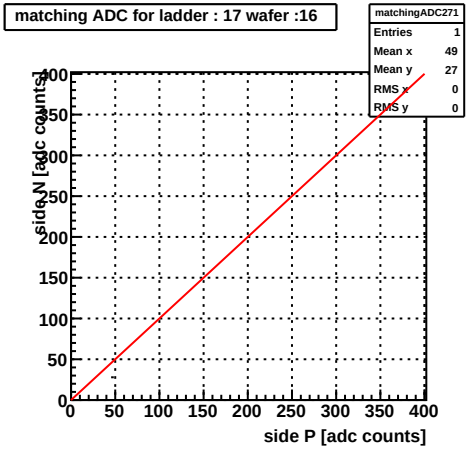

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

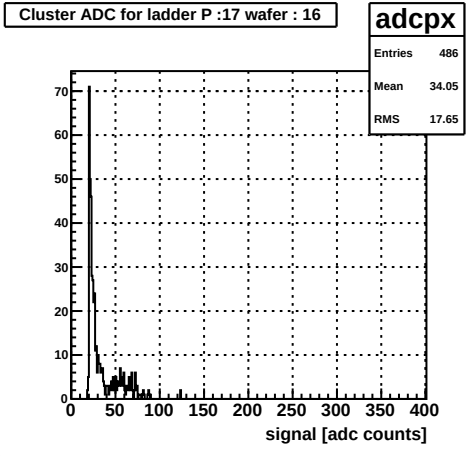

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 478
Mean 21.3
RMS 3.787
signal [adc counts]

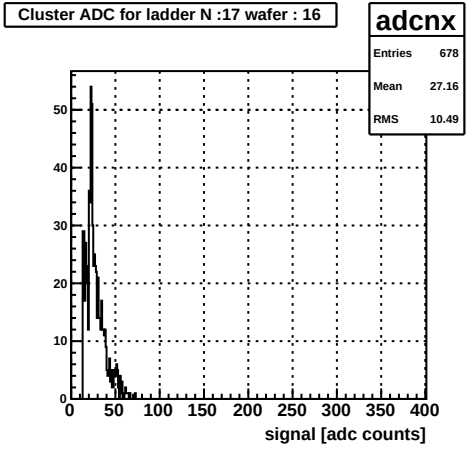

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1400
Mean 42.27
RMS 43.68
signal [adc counts]

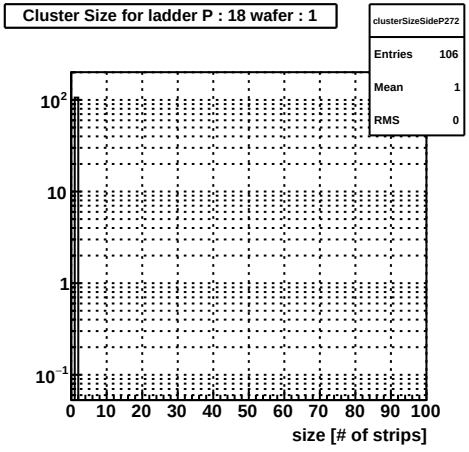

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 486
Mean 1.245
RMS 0.4395
size [# of strips]

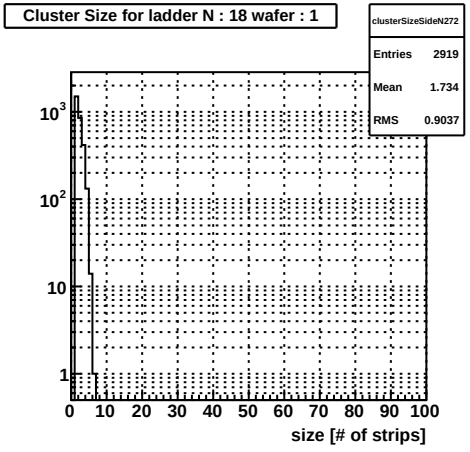

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 678
Mean 1.037
RMS 0.2035
size [# of strips]

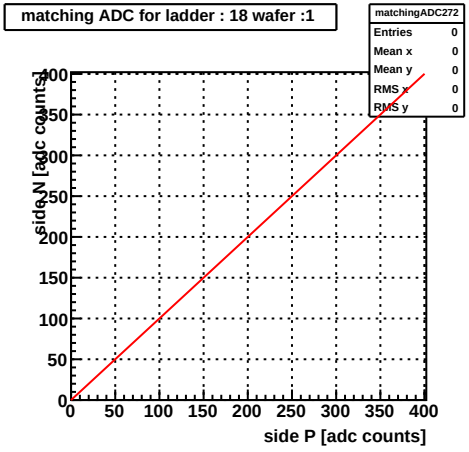

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1
Mean x 49
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

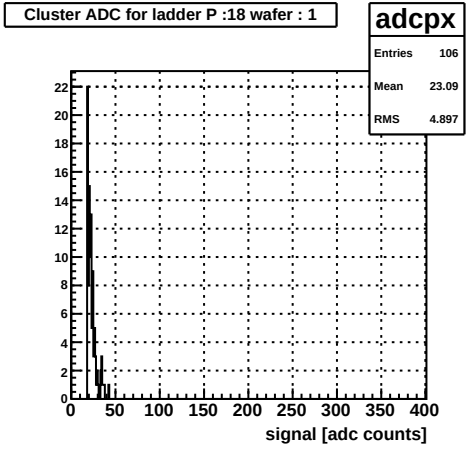

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 486
Mean 34.05
RMS 17.65
signal [adc counts]

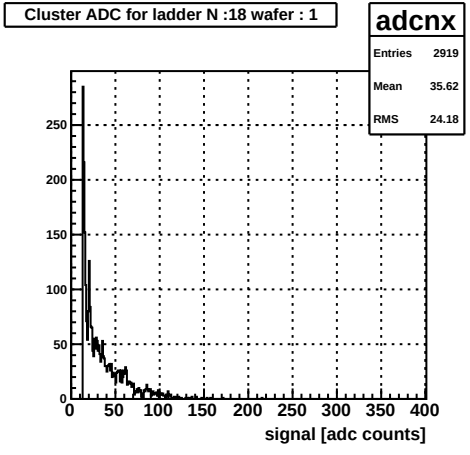

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 678
Mean 27.16
RMS 10.49
signal [adc counts]

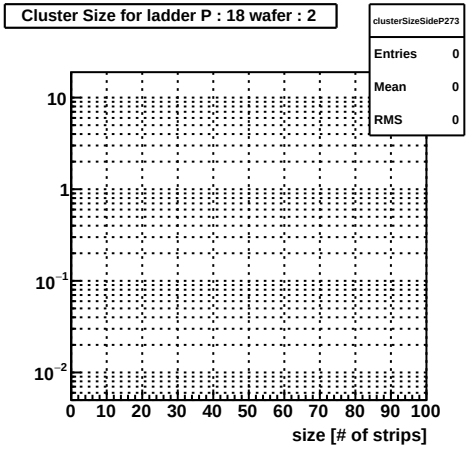

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 106
Mean 1
RMS 0
size [# of strips]

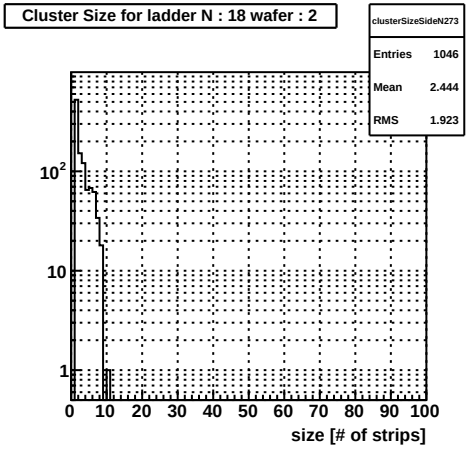

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2919
Mean 1.734
RMS 0.9037
size [# of strips]

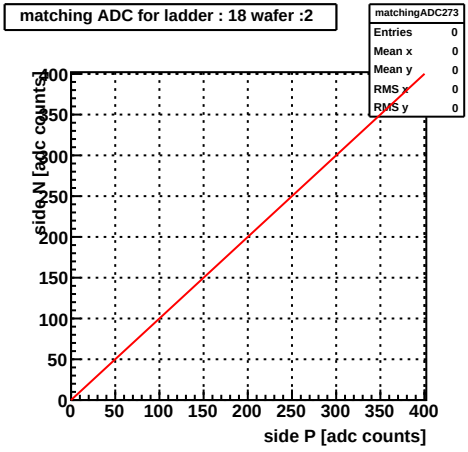

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

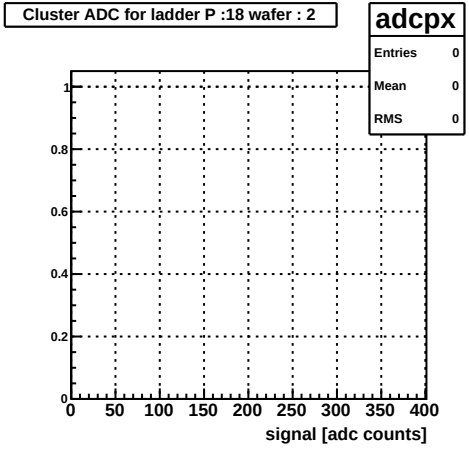

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 106
Mean 23.09
RMS 4.897
signal [adc counts]

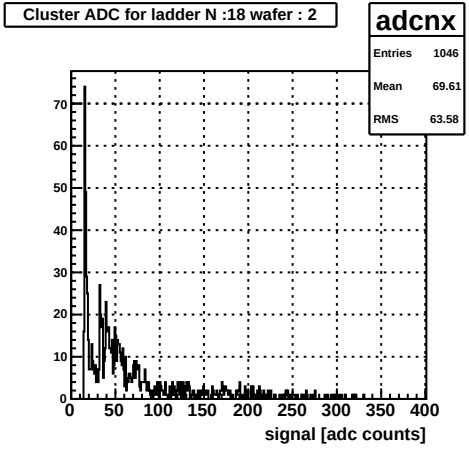

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2919
Mean 35.62
RMS 24.18
signal [adc counts]

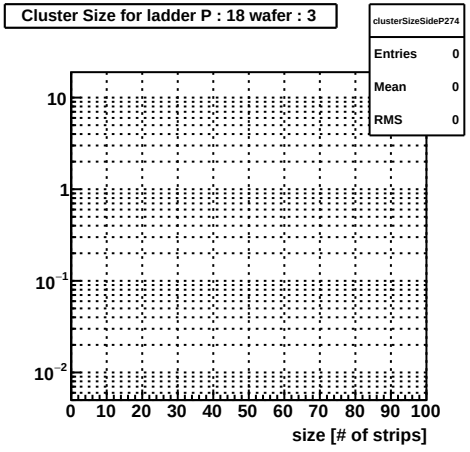

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

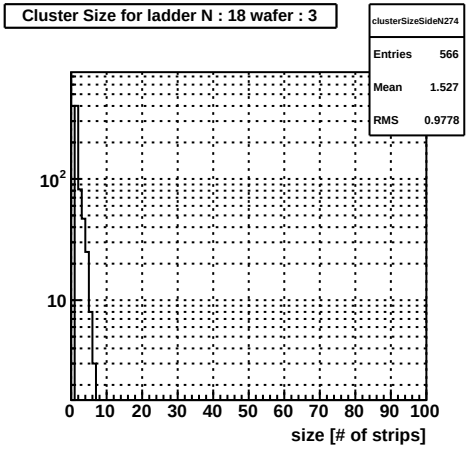

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1046
Mean 2.444
RMS 1.923
size [# of strips]

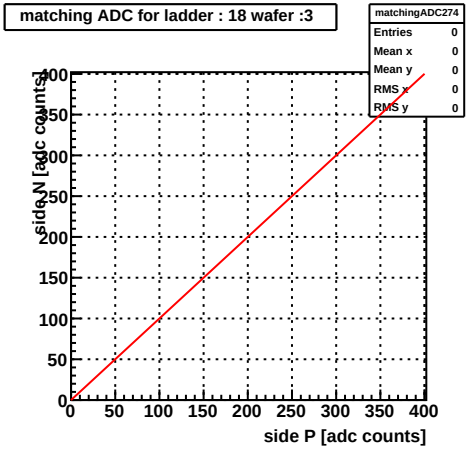

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

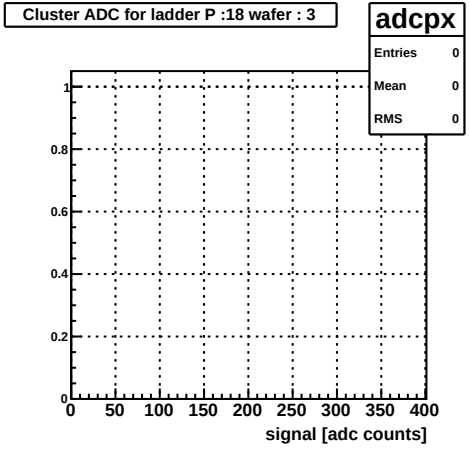

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

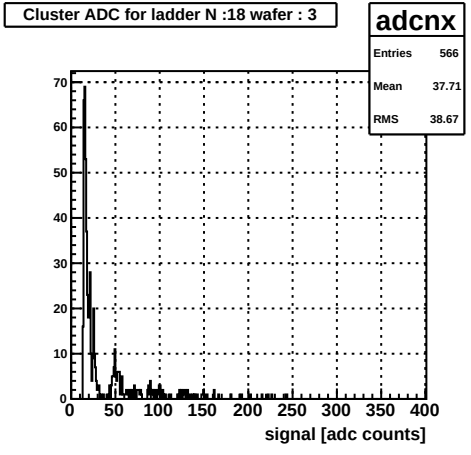

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1046
Mean 69.61
RMS 63.58
signal [adc counts]

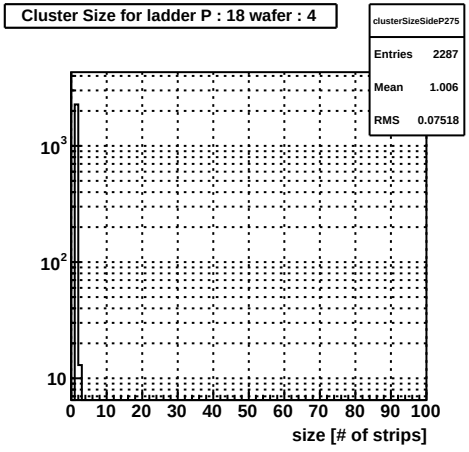

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

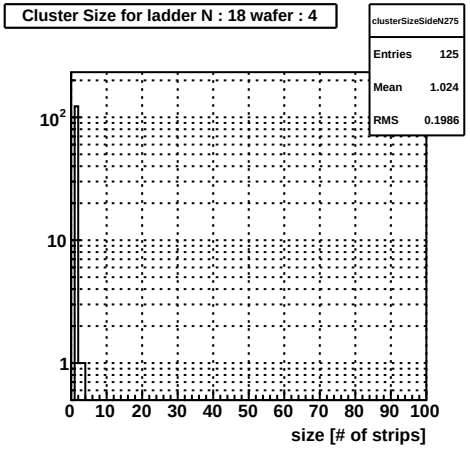

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 566
Mean 1.527
RMS 0.9778
size [# of strips]

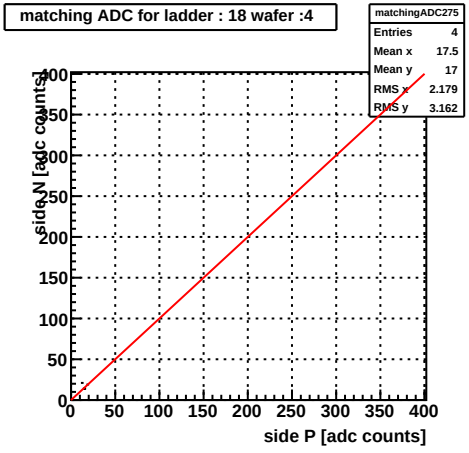

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

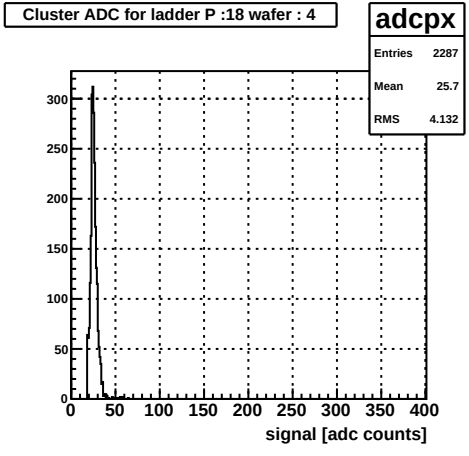

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

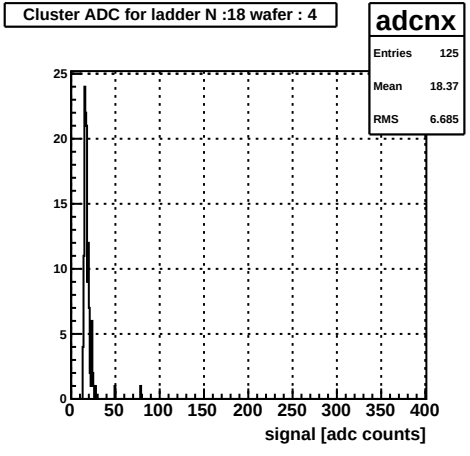

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 566
Mean 37.71
RMS 38.67
signal [adc counts]

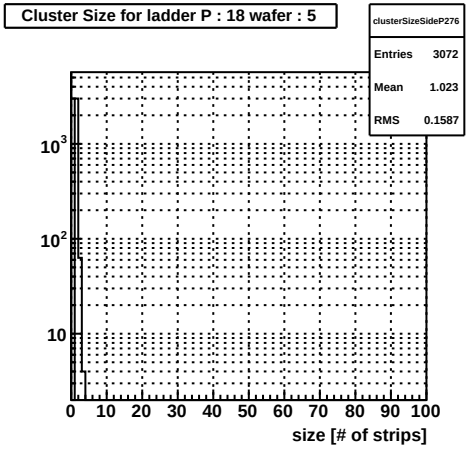

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2287
Mean 1.006
RMS 0.07518
size [# of strips]

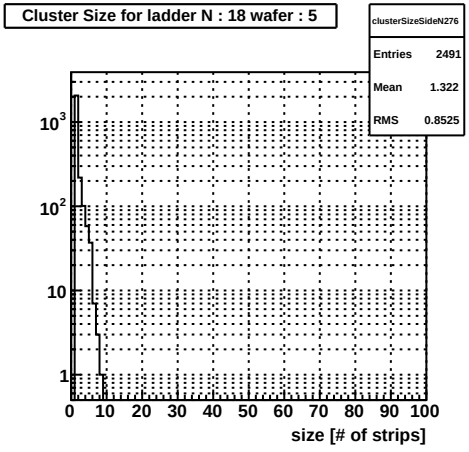

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 125
Mean 1.024
RMS 0.1986
size [# of strips]

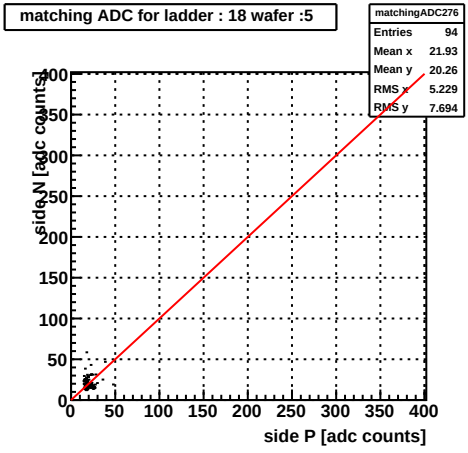

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4
Mean x 17.5
Mean y 17
RMS x 2.179
RMS y 3.162
side N [adc counts]
side P [adc counts]

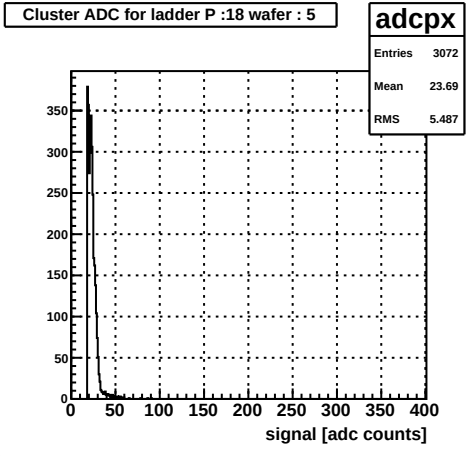

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2287
Mean 25.7
RMS 4.132
signal [adc counts]

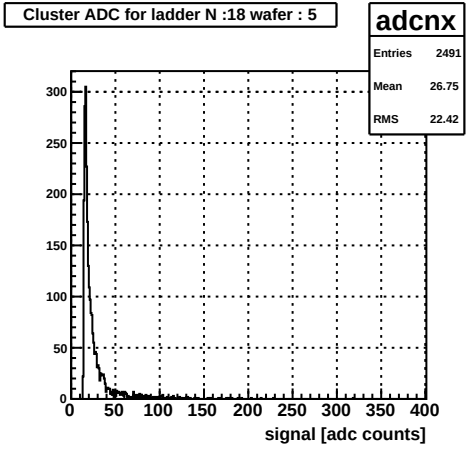

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 125
Mean 18.37
RMS 6.685
signal [adc counts]

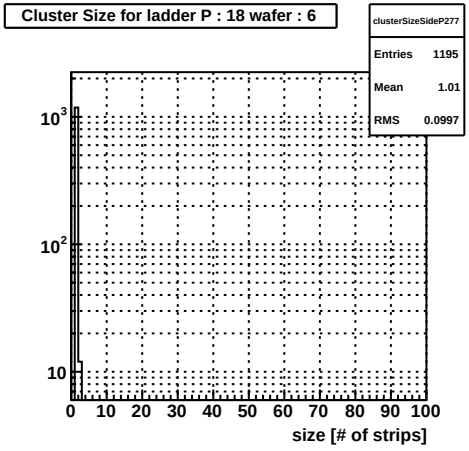

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3072
Mean 1.023
RMS 0.1587
size [# of strips]

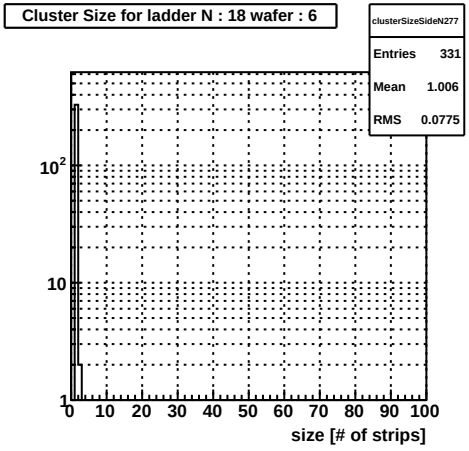

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2491
Mean 1.322
RMS 0.8525
size [# of strips]

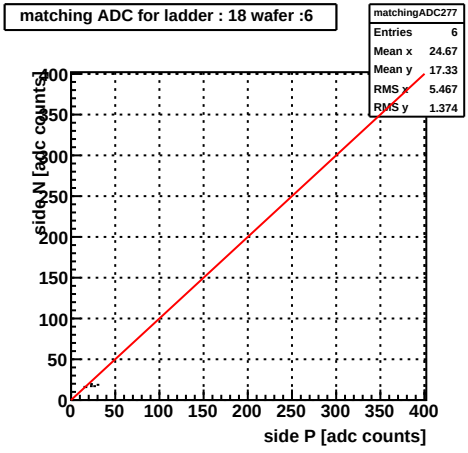

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 94
Mean x 21.93
Mean y 20.26
RMS x 5.229
RMS y 7.694
side N [adc counts]
side P [adc counts]

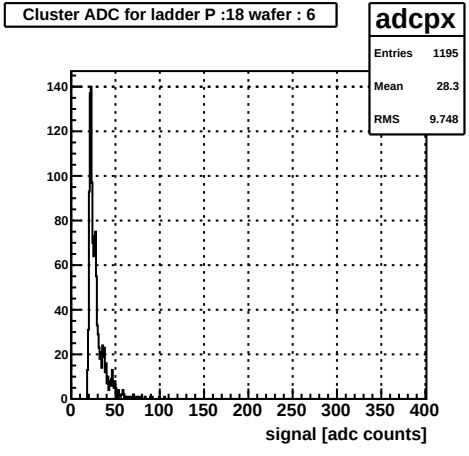

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3072
Mean 23.69
RMS 5.487
signal [adc counts]

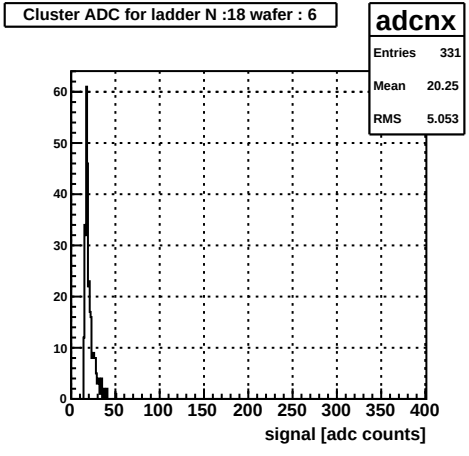

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2491
Mean 26.75
RMS 22.42
signal [adc counts]

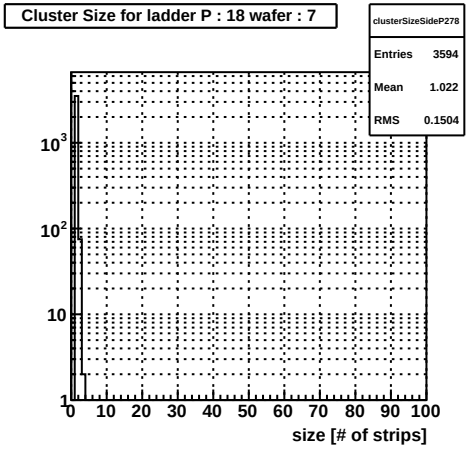

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1195
Mean 1.01
RMS 0.0997
size [# of strips]

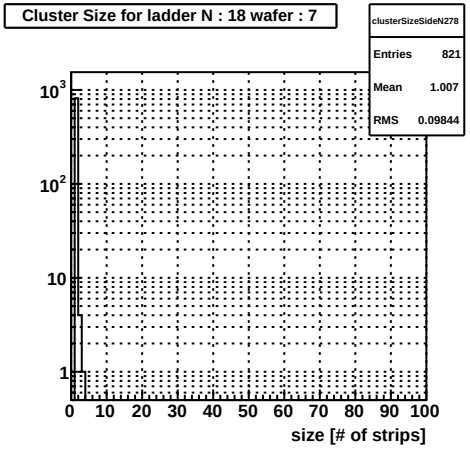

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 331
Mean 1.006
RMS 0.0775
size [# of strips]

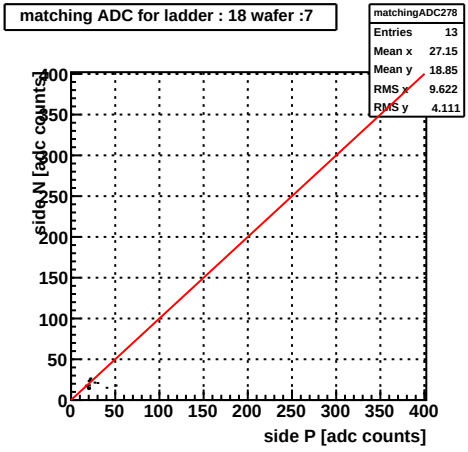

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6
Mean x 24.67
Mean y 17.33
RMS x 5.467
RMS y 1.374
side N [adc counts]
side P [adc counts]

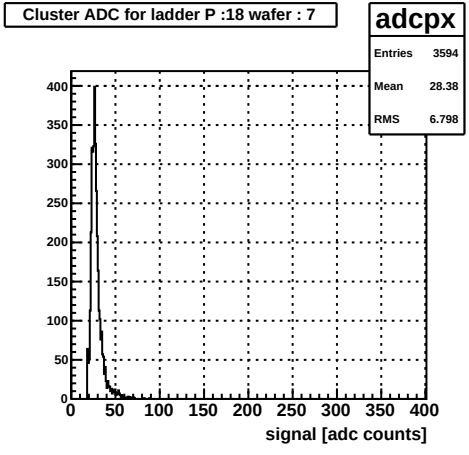

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1195
Mean 28.3
RMS 9.748
signal [adc counts]

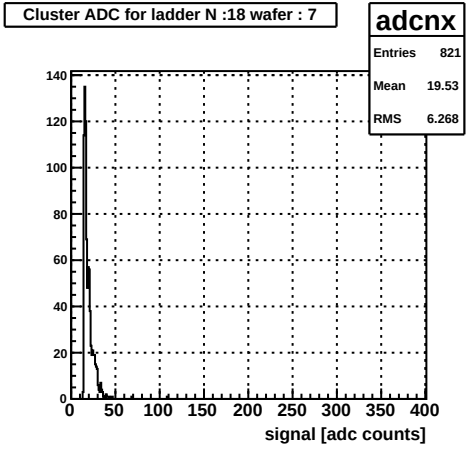

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 331
Mean 20.25
RMS 5.053
signal [adc counts]

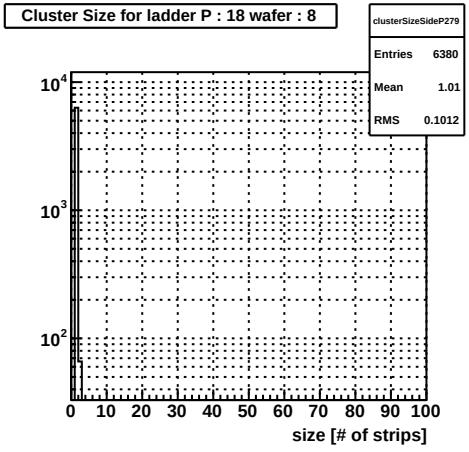

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3594
Mean 1.022
RMS 0.1504
size [# of strips]

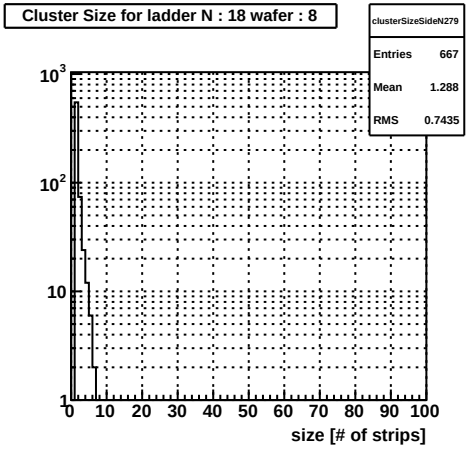

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 821
Mean 1.007
RMS 0.09844
size [# of strips]

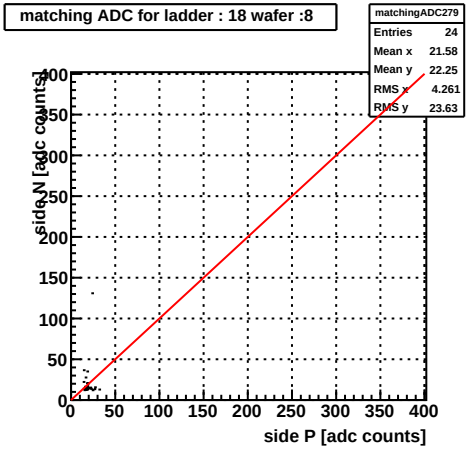

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 13
Mean x 27.15
Mean y 18.85
RMS x 9.622
RMS y 4.111
side N [adc counts]
side P [adc counts]

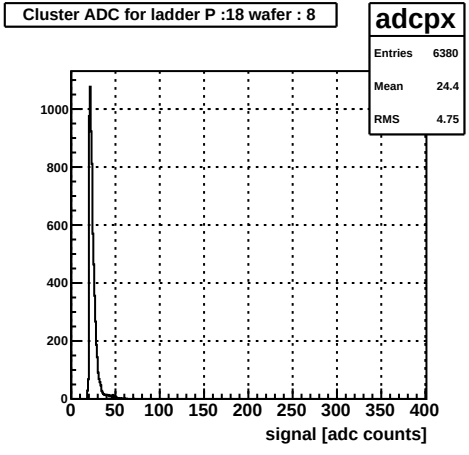

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3594
Mean 28.38
RMS 6.798
signal [adc counts]

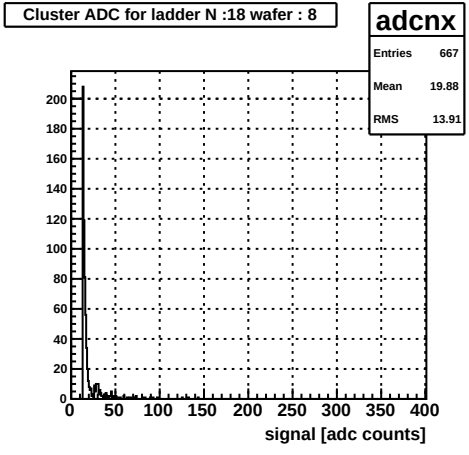

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 821
Mean 19.53
RMS 6.268
signal [adc counts]

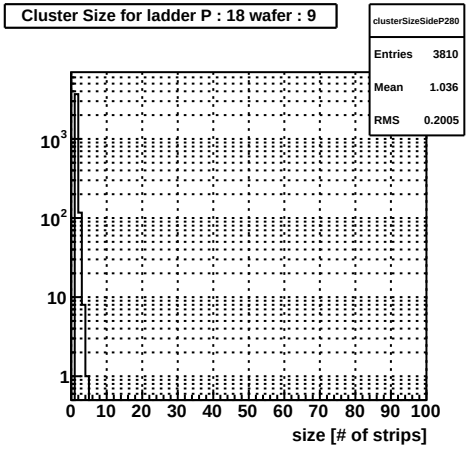

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 6380
Mean 1.01
RMS 0.1012
size [# of strips]

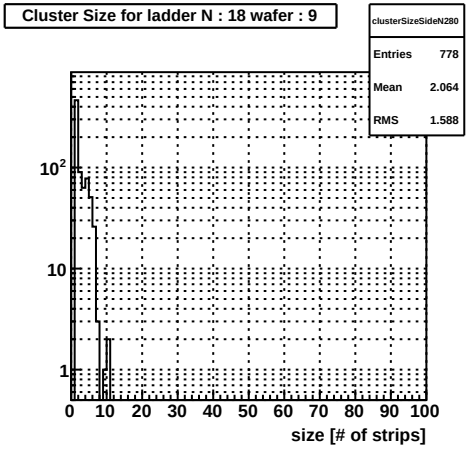

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 667
Mean 1.288
RMS 0.7435
size [# of strips]

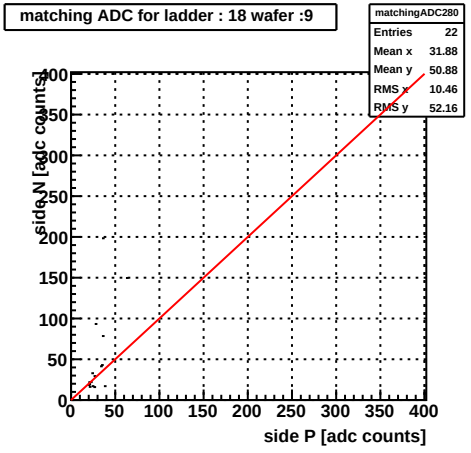

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 24
Mean x 21.58
Mean y 22.25
RMS x 4.261
RMS y 23.63
side N [adc counts]
side P [adc counts]

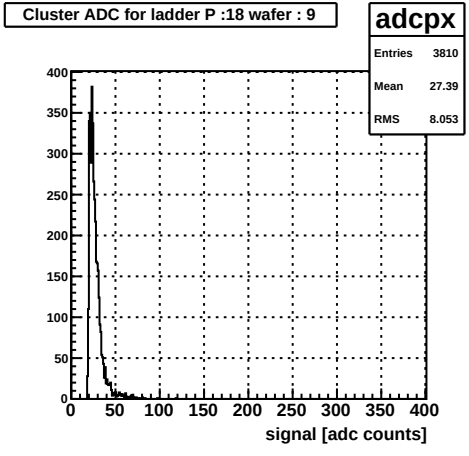

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 6380
Mean 24.4
RMS 4.75
signal [adc counts]

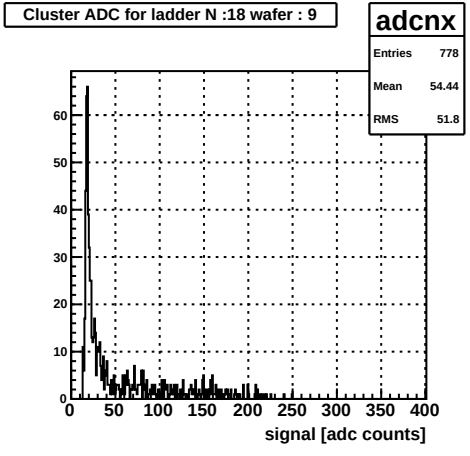

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 667
Mean 19.88
RMS 13.91
signal [adc counts]

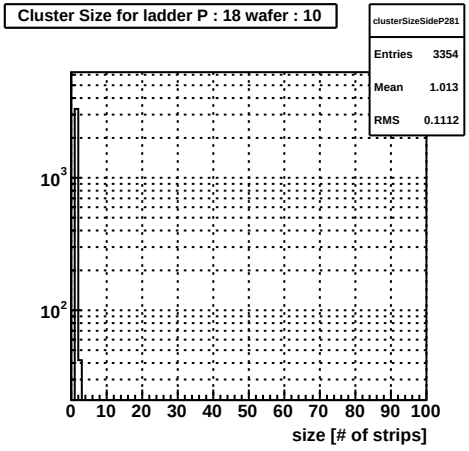

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3810
Mean 1.036
RMS 0.2005
size [# of strips]

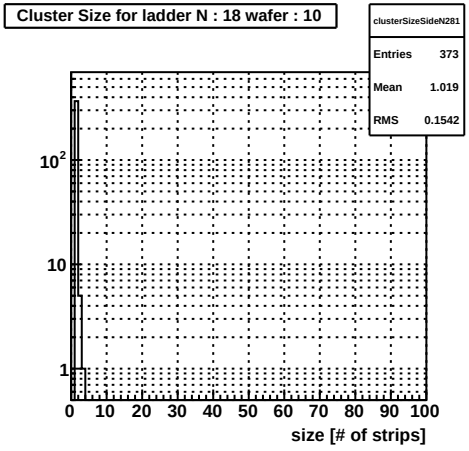

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 778
Mean 2.064
RMS 1.588
size [# of strips]

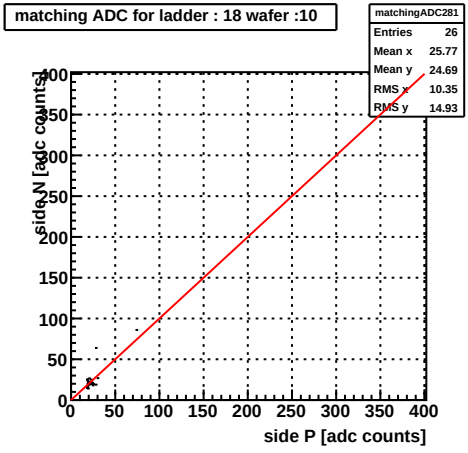

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 22
Mean x 31.88
Mean y 50.88
RMS x 10.46
RMS y 52.16
side N [adc counts]
side P [adc counts]

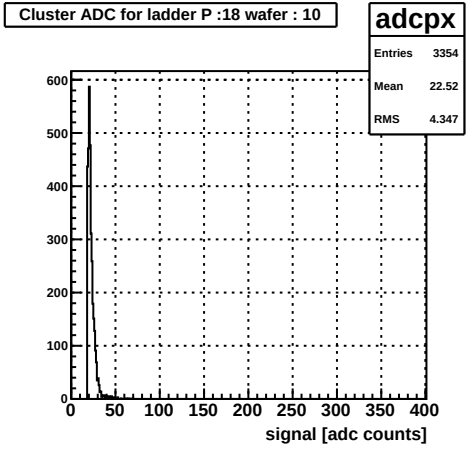

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3810
Mean 27.39
RMS 8.053
signal [adc counts]

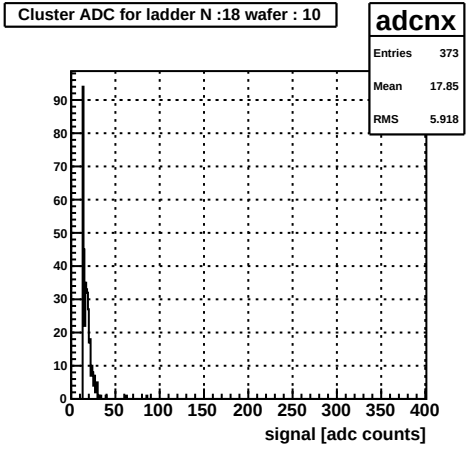

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 778
Mean 54.44
RMS 51.8
signal [adc counts]

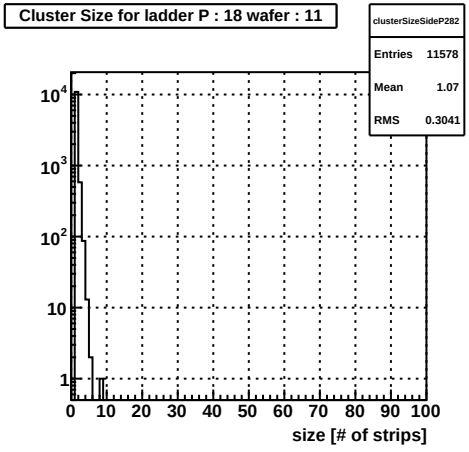

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3354
Mean 1.013
RMS 0.1112
size [# of strips]

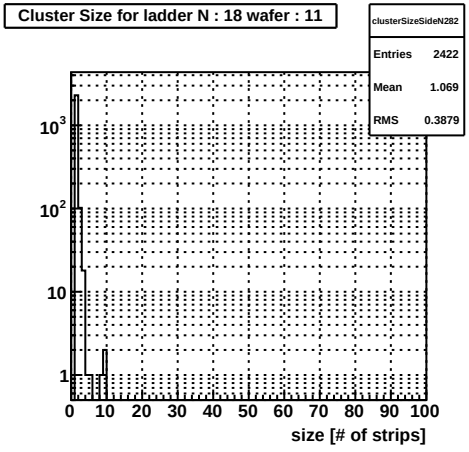

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 373
Mean 1.019
RMS 0.1542
size [# of strips]

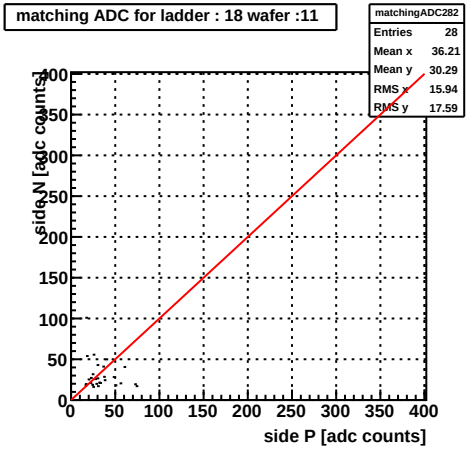

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 26
Mean x 25.77
Mean y 24.69
RMS x 10.35
RMS y 14.93
side N [adc counts]
side P [adc counts]

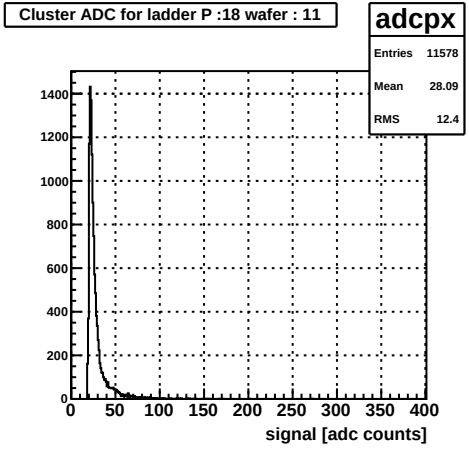

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3354
Mean 22.52
RMS 4.347
signal [adc counts]

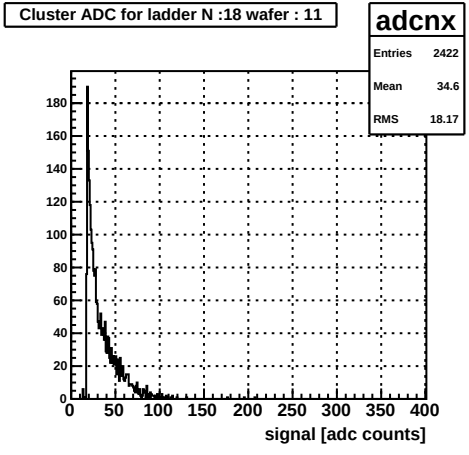

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 373
Mean 17.85
RMS 5.918
signal [adc counts]

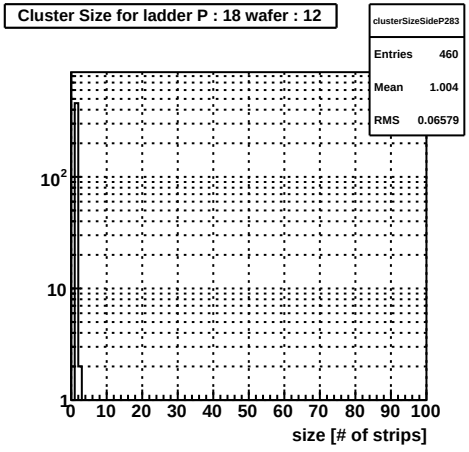

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 11578
Mean 1.07
RMS 0.3041
size [# of strips]

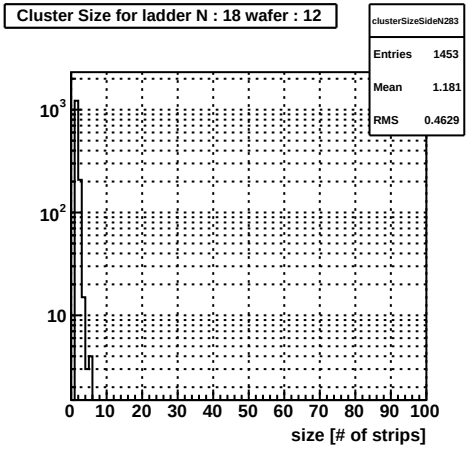

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2422
Mean 1.069
RMS 0.3879
size [# of strips]

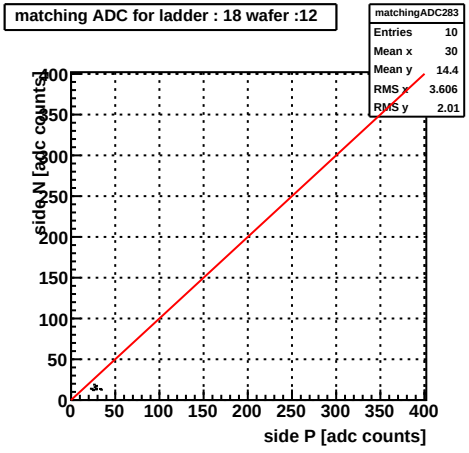

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 28
Mean x 36.21
Mean y 30.29
RMS x 15.94
RMS y 17.59
side N [adc counts]
side P [adc counts]

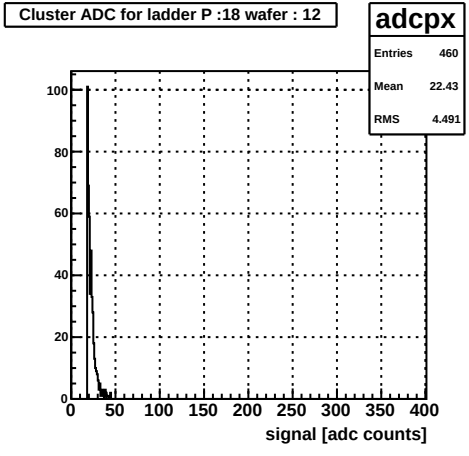

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 11578
Mean 28.09
RMS 12.4
signal [adc counts]

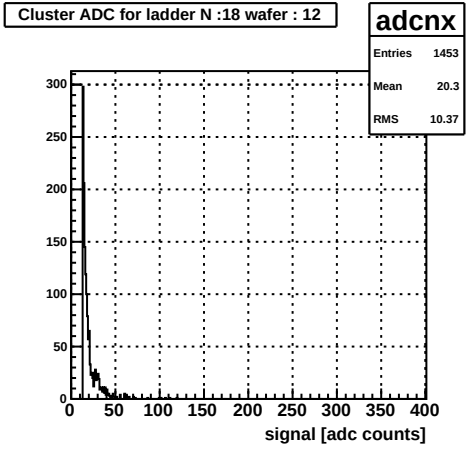

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2422
Mean 34.6
RMS 18.17
signal [adc counts]

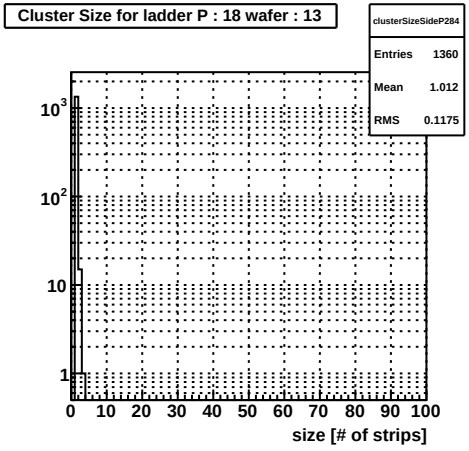

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 460
Mean 1.004
RMS 0.06579
size [# of strips]

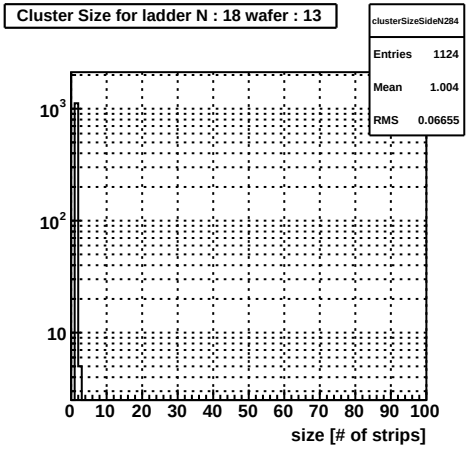

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 1453
Mean 1.181
RMS 0.4629
size [# of strips]

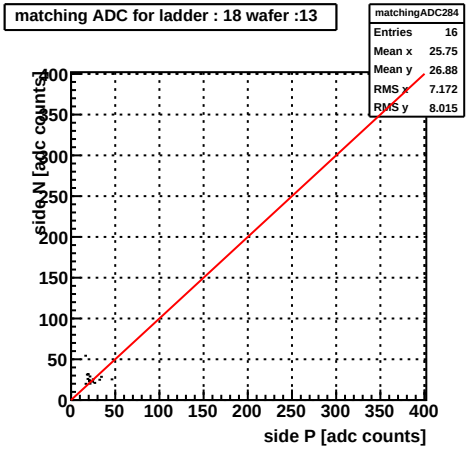

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 10
Mean x 30
Mean y 14.4
RMS x 3.606
RMS y 2.01
side N [adc counts]
side P [adc counts]

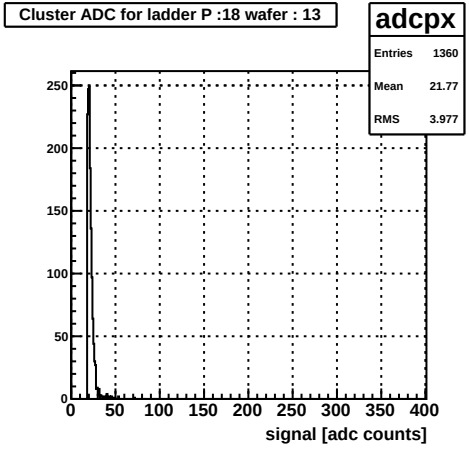

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 460
Mean 22.43
RMS 4.491
signal [adc counts]

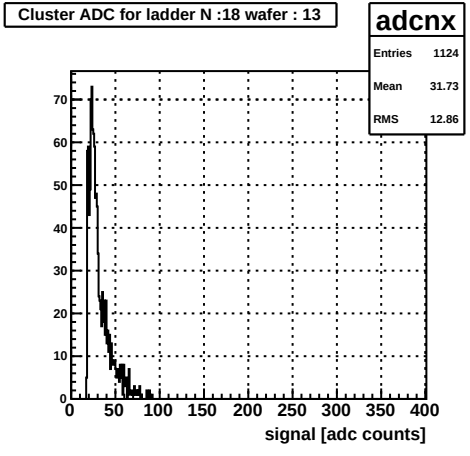

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 1453
Mean 20.3
RMS 10.37
signal [adc counts]

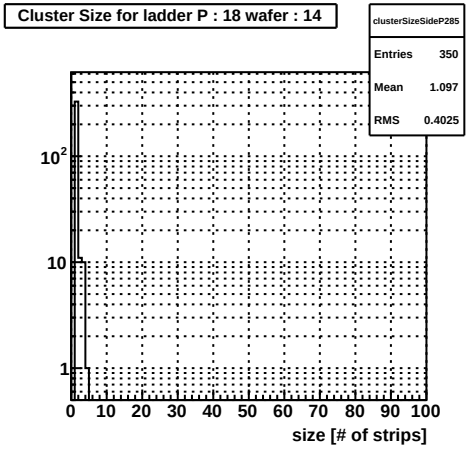

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1360
Mean 1.012
RMS 0.1175
size [# of strips]

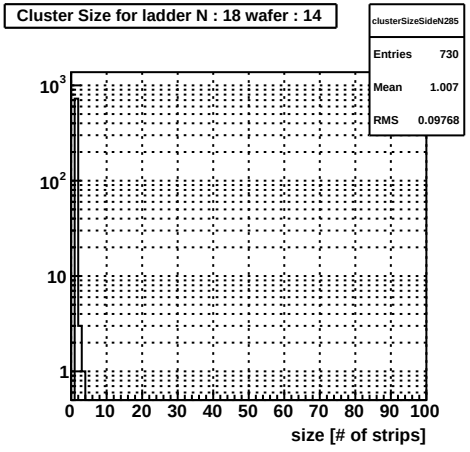

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1124
Mean 1.004
RMS 0.06655
size [# of strips]

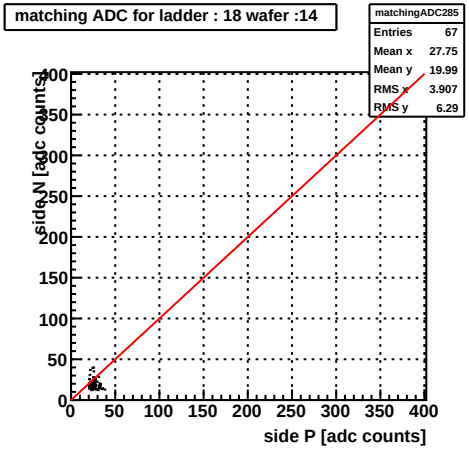

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 16
Mean x 25.75
Mean y 26.88
RMS x 7.172
RMS y 8.015
side N [adc counts]
side P [adc counts]

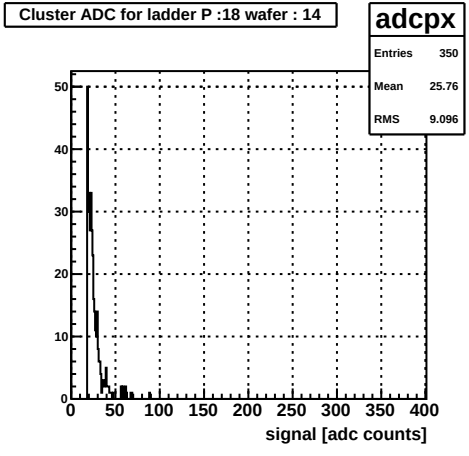

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1360
Mean 21.77
RMS 3.977
signal [adc counts]

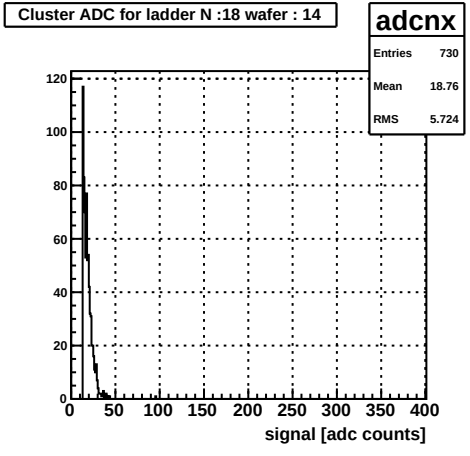

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1124
Mean 31.73
RMS 12.86
signal [adc counts]

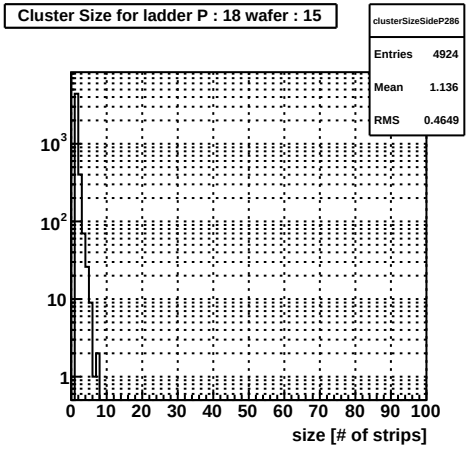

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 350
Mean 1.097
RMS 0.4025
size [# of strips]

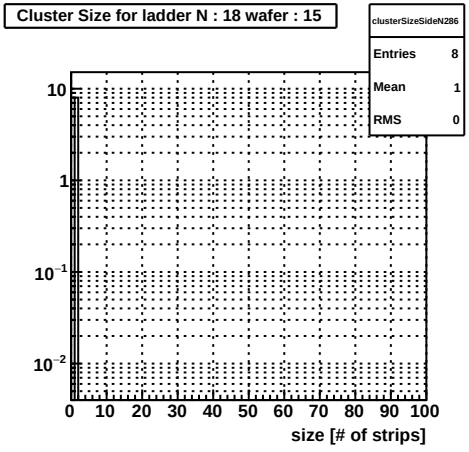

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 730
Mean 1.007
RMS 0.09768
size [# of strips]

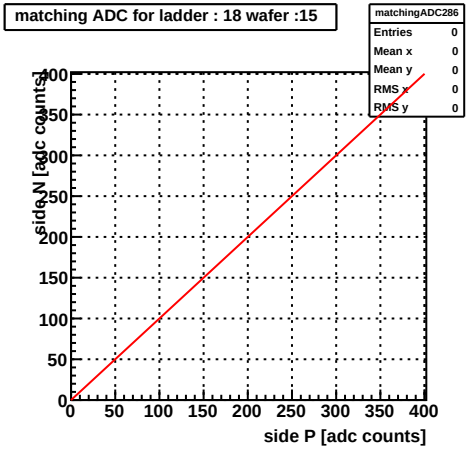

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 67
Mean x 27.75
Mean y 19.99
RMS x 3.907
RMS y 6.29
side N [adc counts]
side P [adc counts]

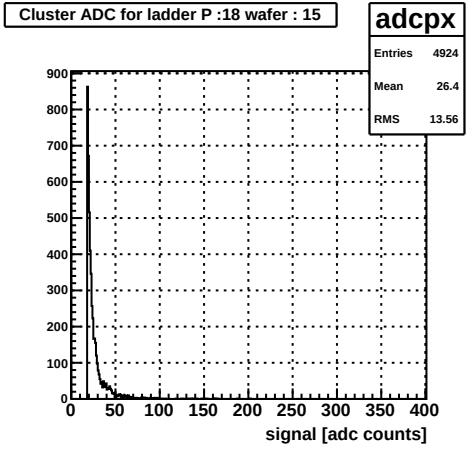

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 350
Mean 25.76
RMS 9.096
signal [adc counts]

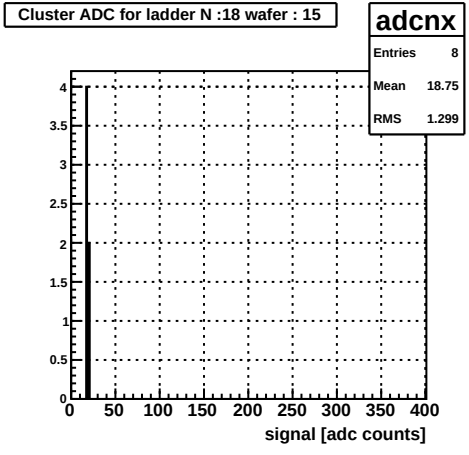

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 730
Mean 18.76
RMS 5.724
signal [adc counts]

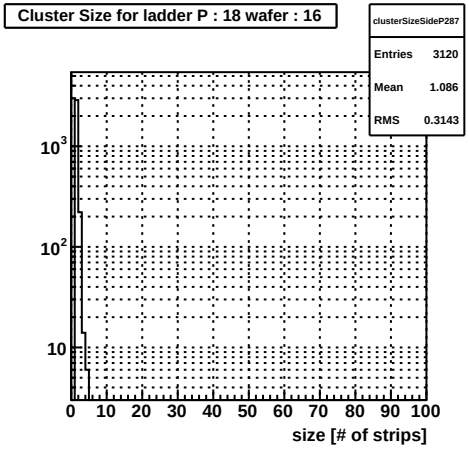

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4924
Mean 1.136
RMS 0.4649
size [# of strips]

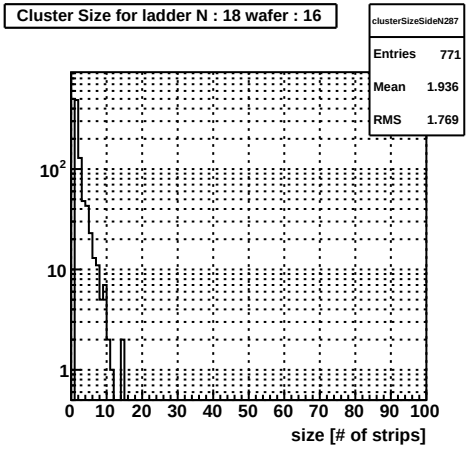

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 8
Mean 1
RMS 0
size [# of strips]

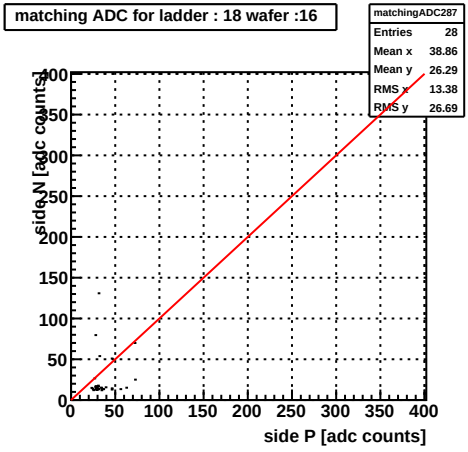

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

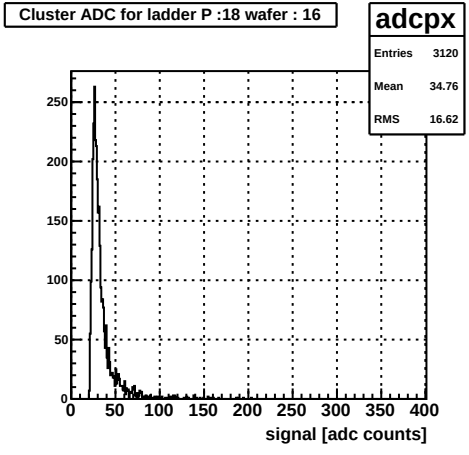

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4924
Mean 26.4
RMS 13.56
signal [adc counts]

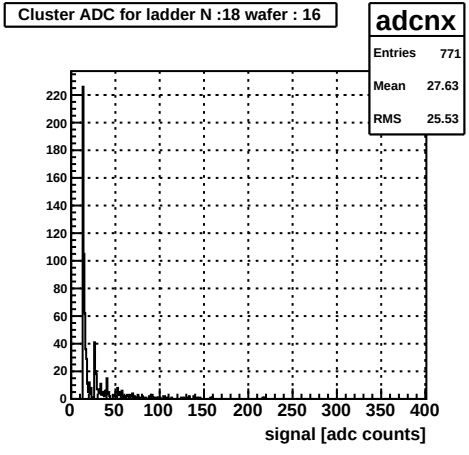

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 8
Mean 18.75
RMS 1.299
signal [adc counts]

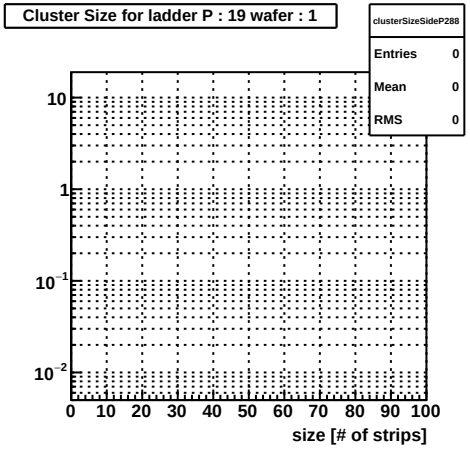

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3120
Mean 1.086
RMS 0.3143
size [# of strips]

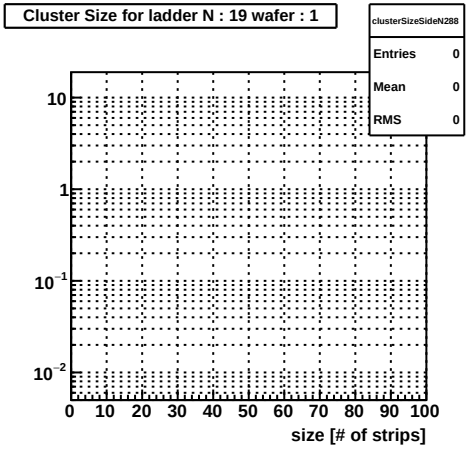

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 771
Mean 1.936
RMS 1.769
size [# of strips]

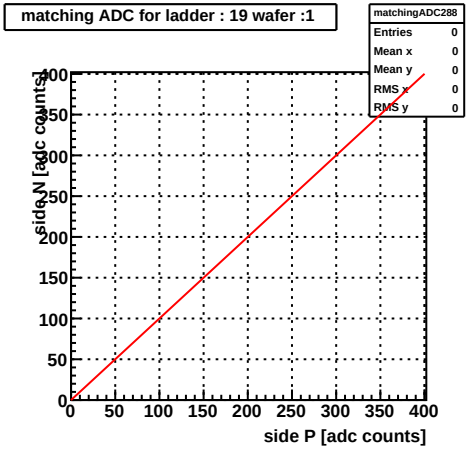

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 28
Mean x 38.86
Mean y 26.29
RMS x 13.38
RMS y 26.69
side N [adc counts]
side P [adc counts]

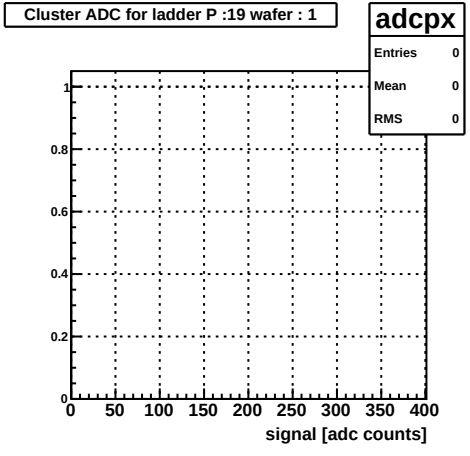

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3120
Mean 34.76
RMS 16.62
signal [adc counts]

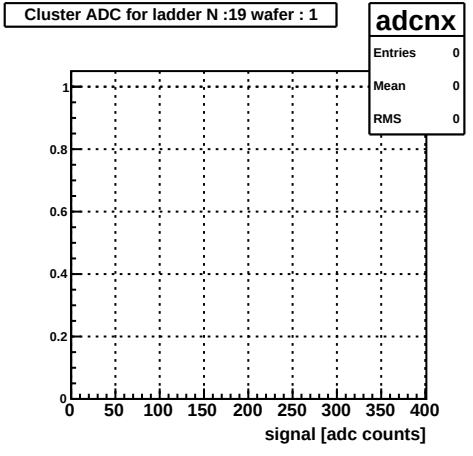

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 771
Mean 27.63
RMS 25.53
signal [adc counts]

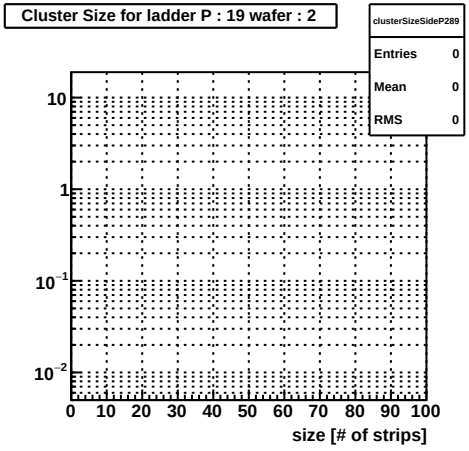

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

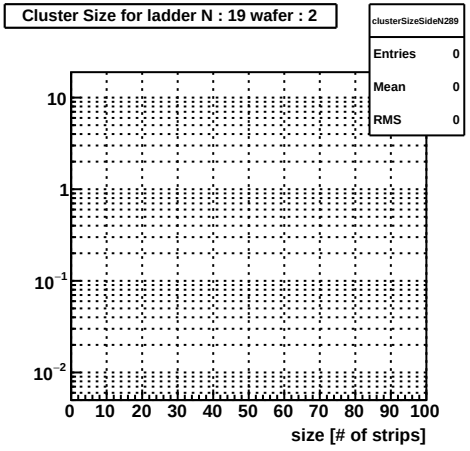

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

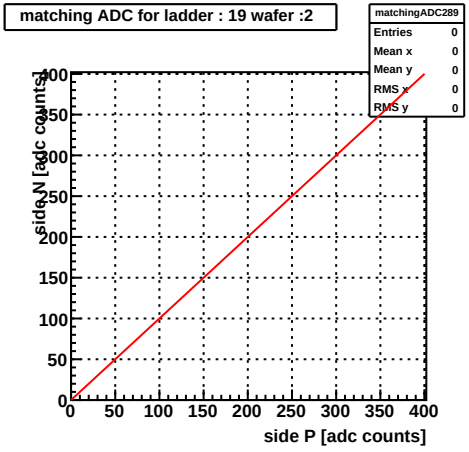

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

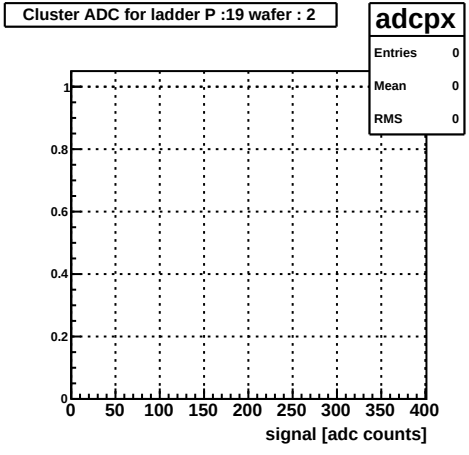

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

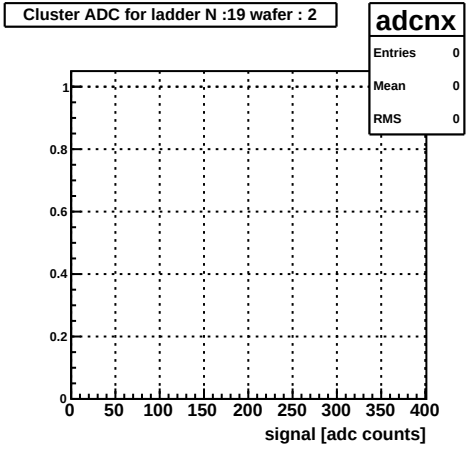

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

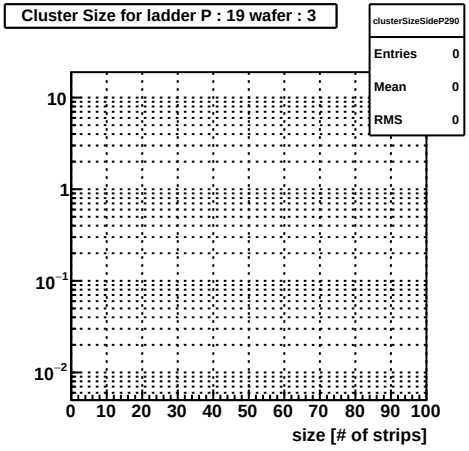

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

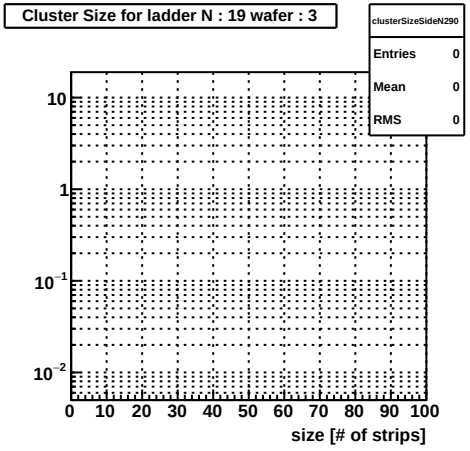

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

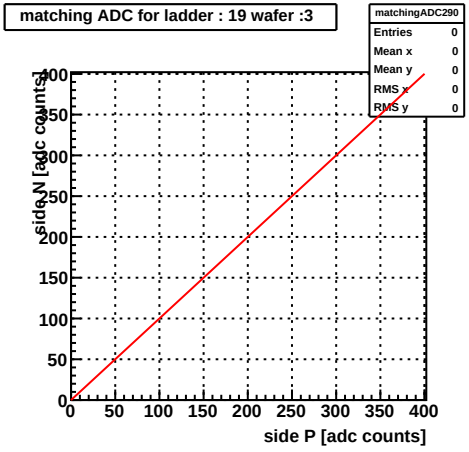

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

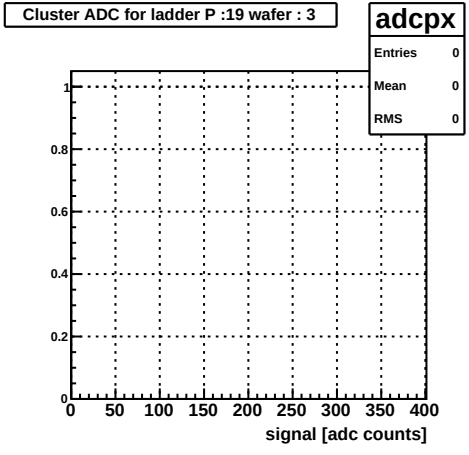

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

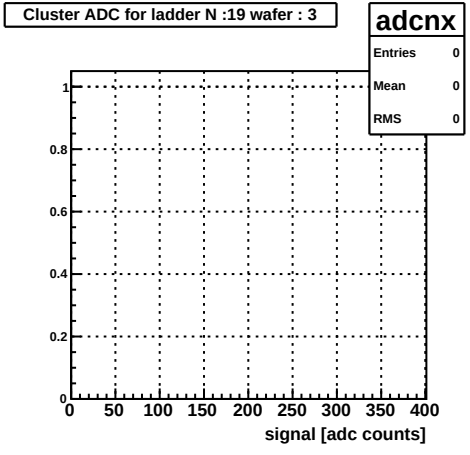

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

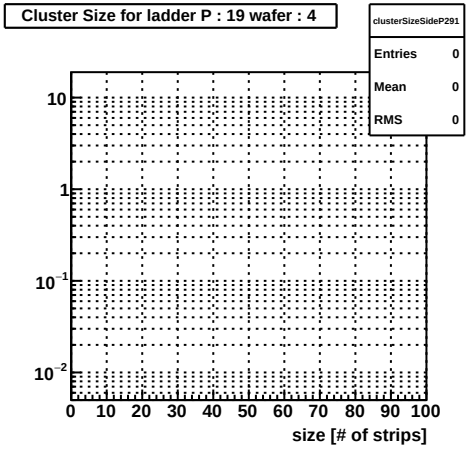

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

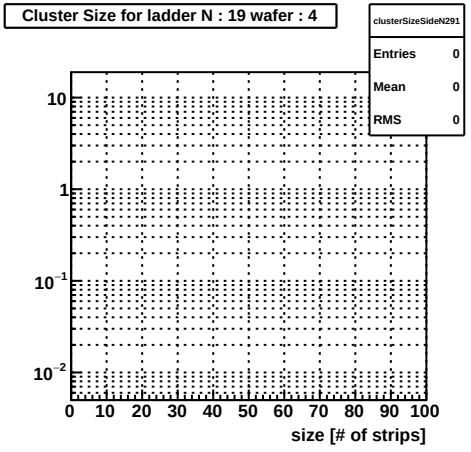

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

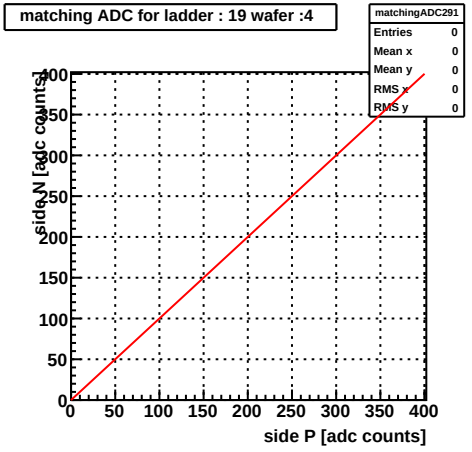

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

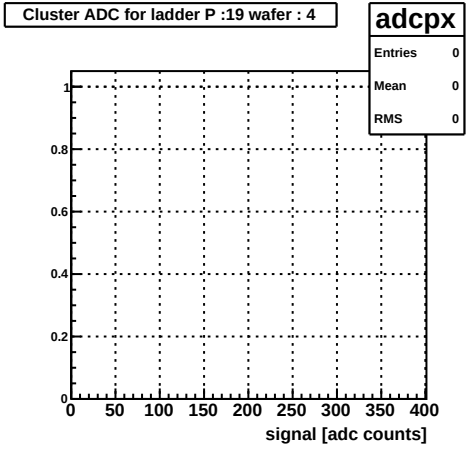

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

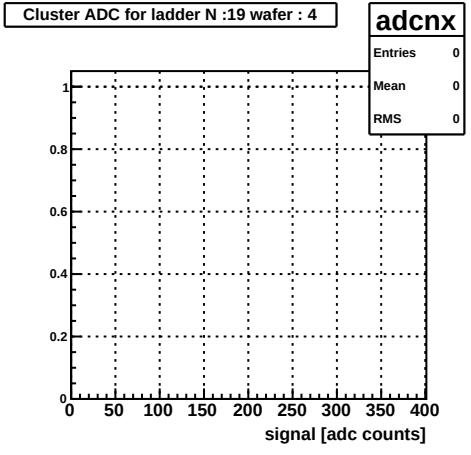

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

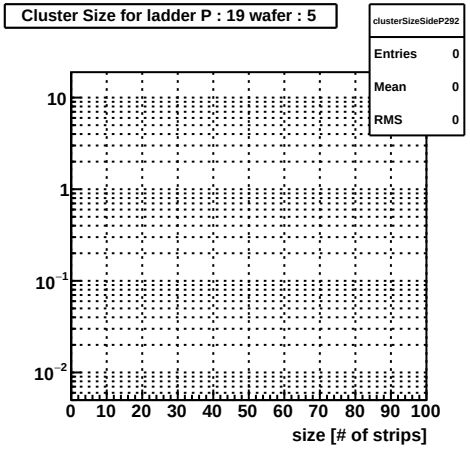

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

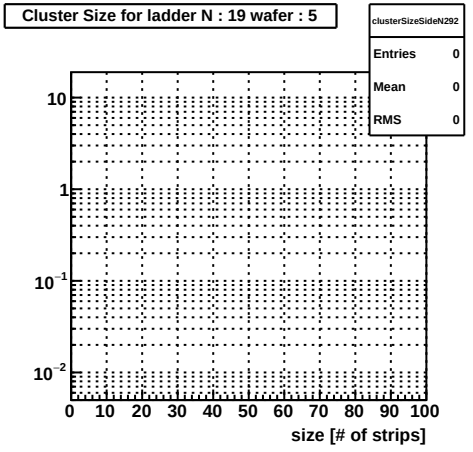

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

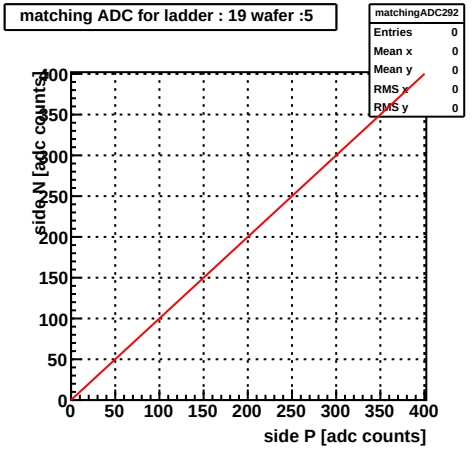

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

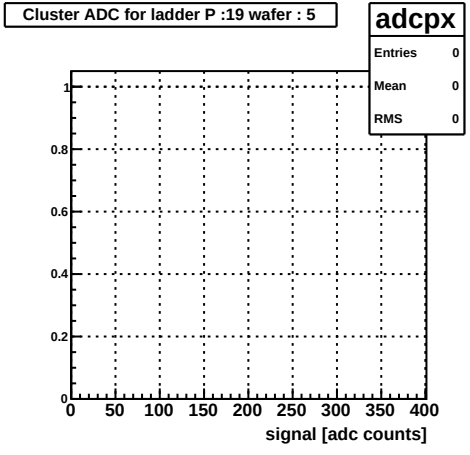

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

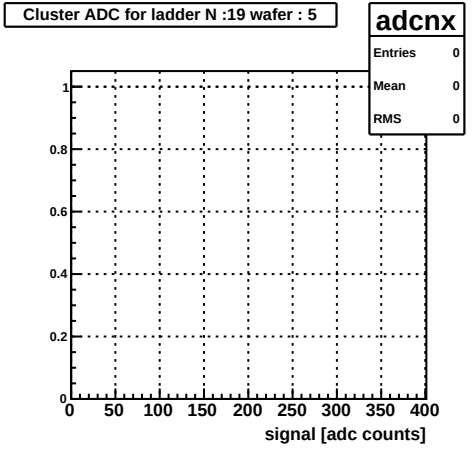

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

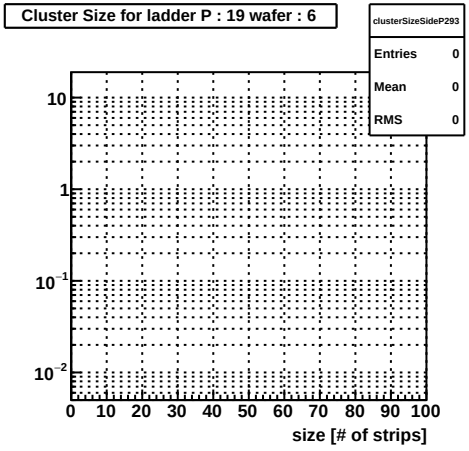

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

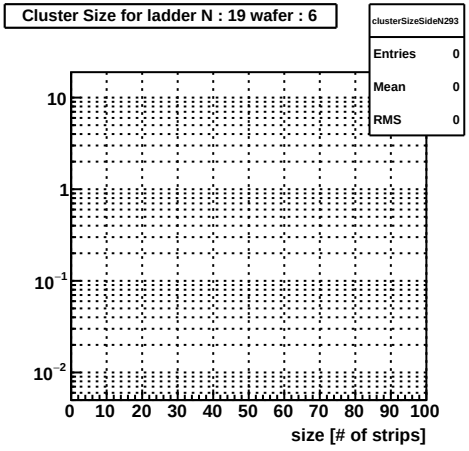

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

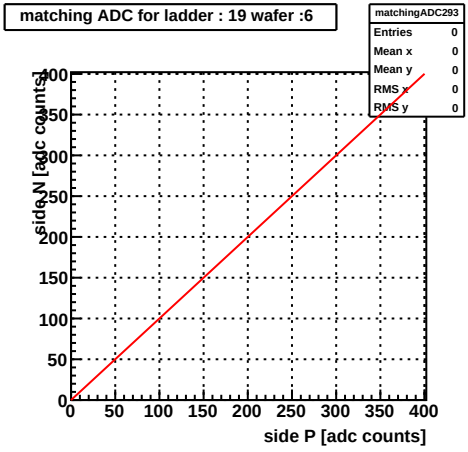

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

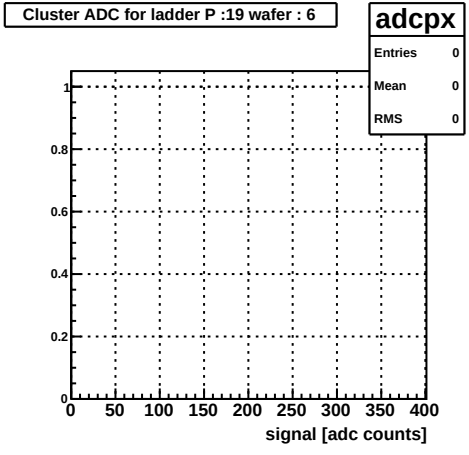

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

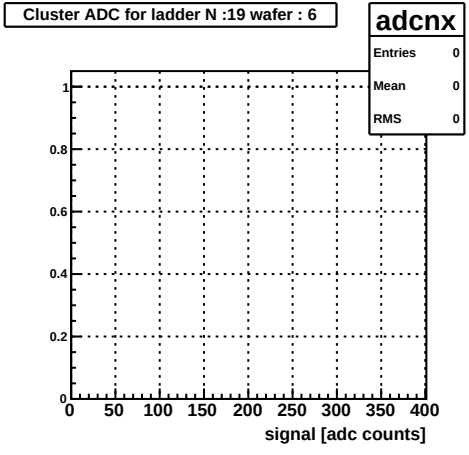

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

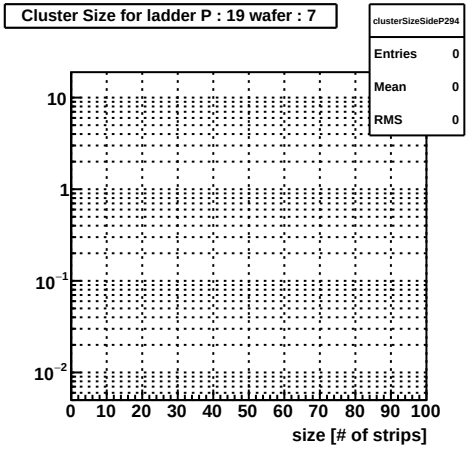

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

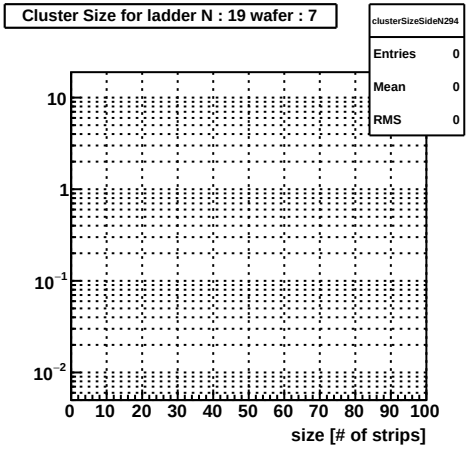

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

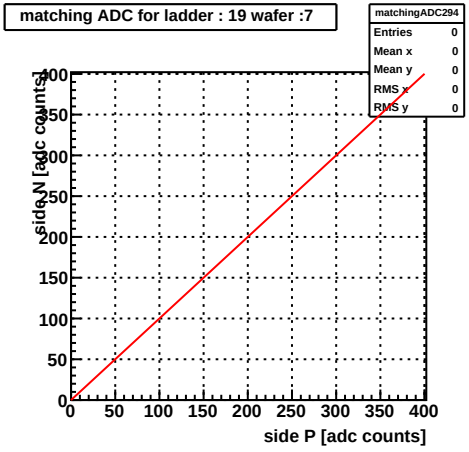

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

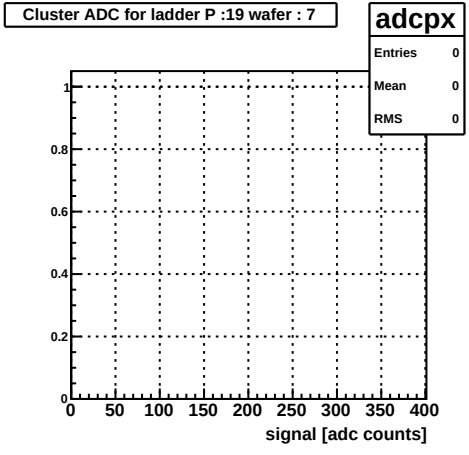

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

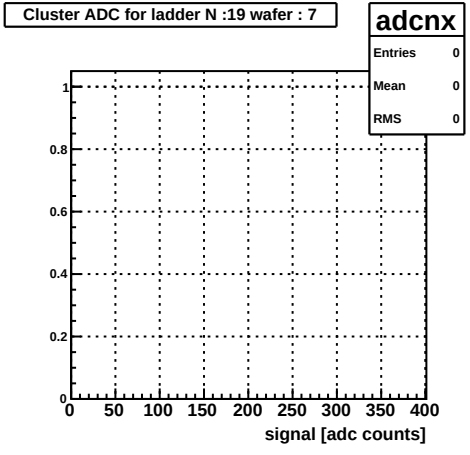

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

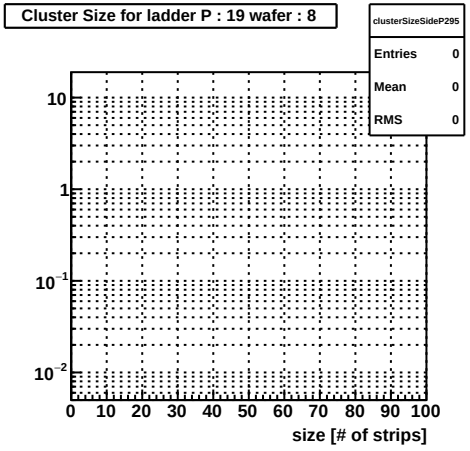

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

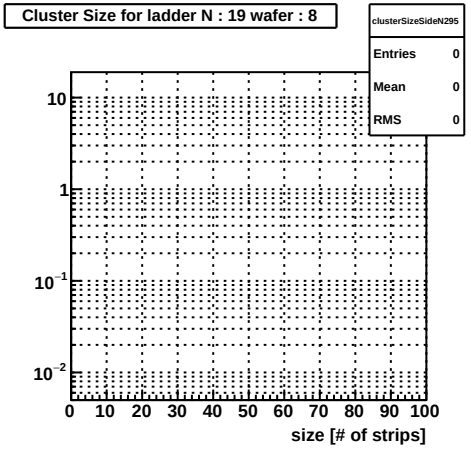

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

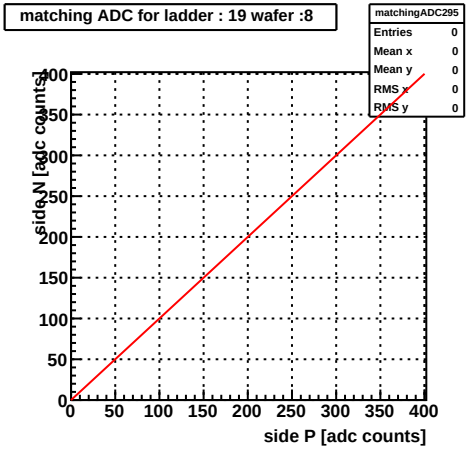

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

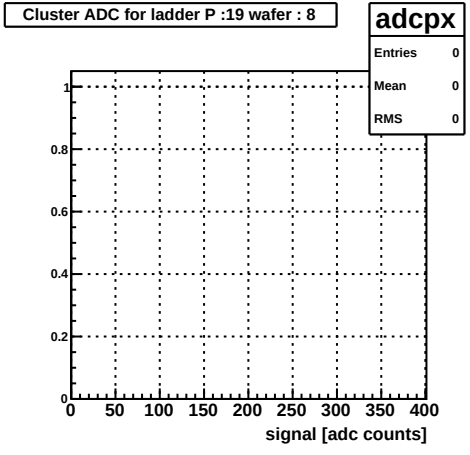

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

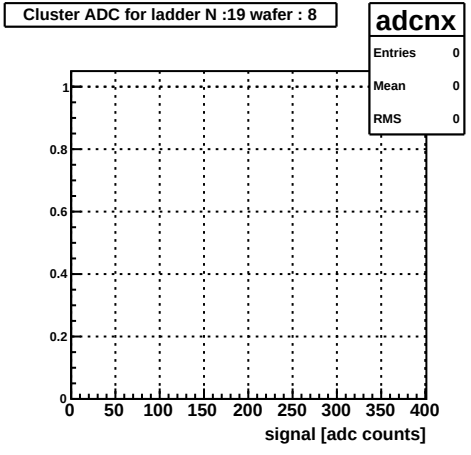

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

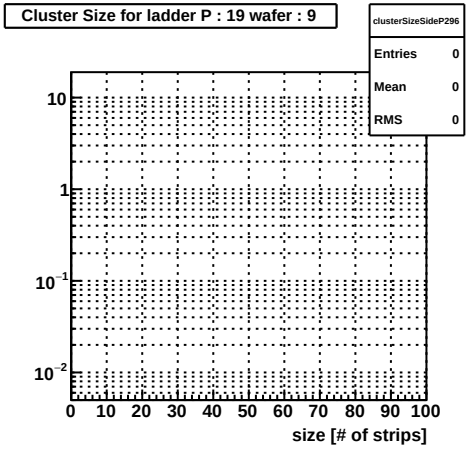

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

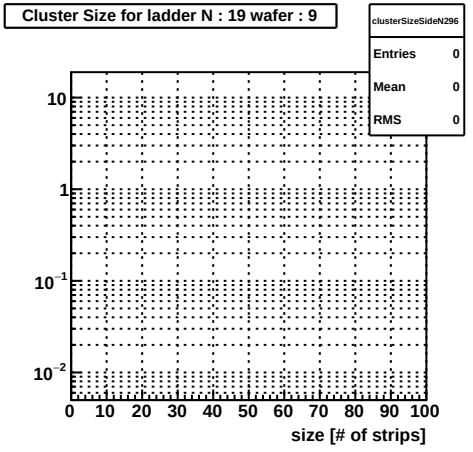

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

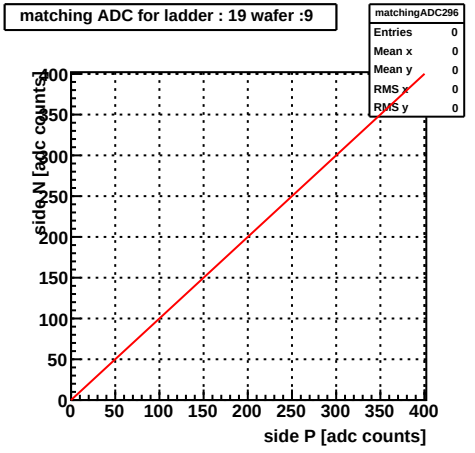

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

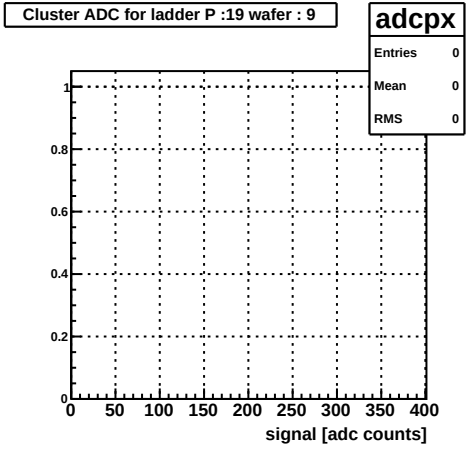

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

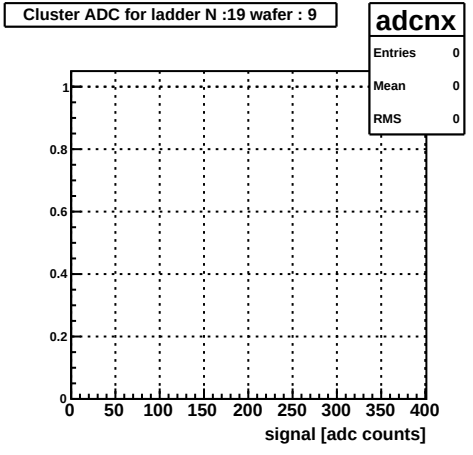

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

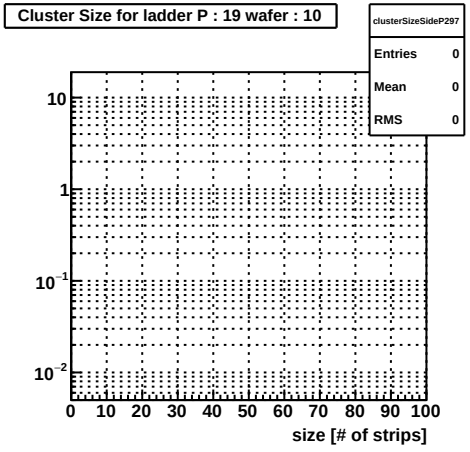

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

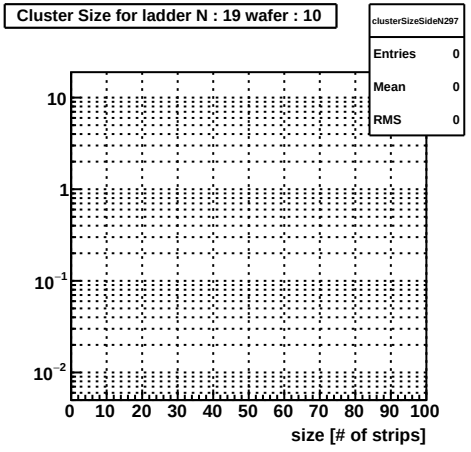

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

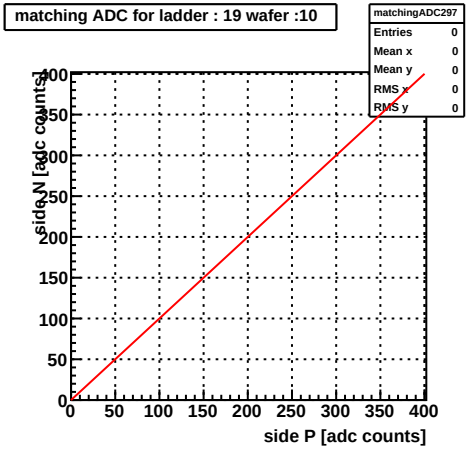

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

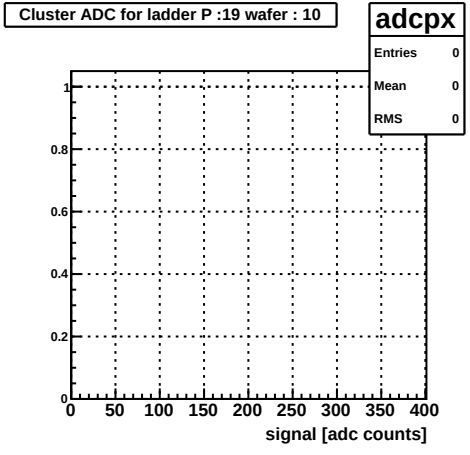

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

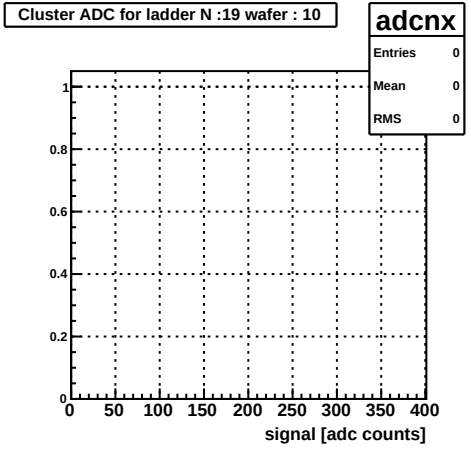

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

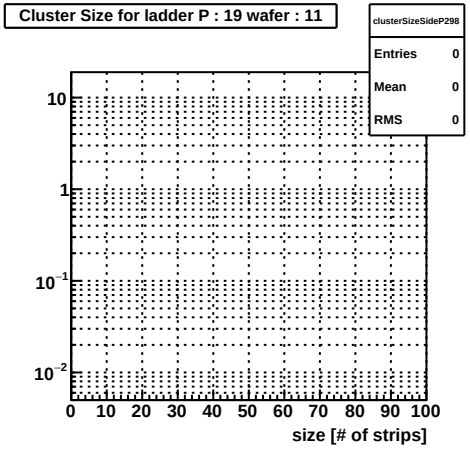

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

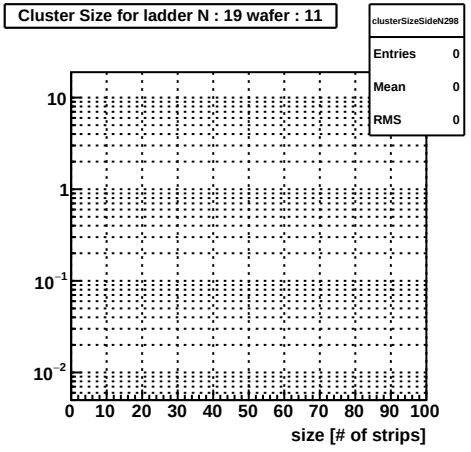

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

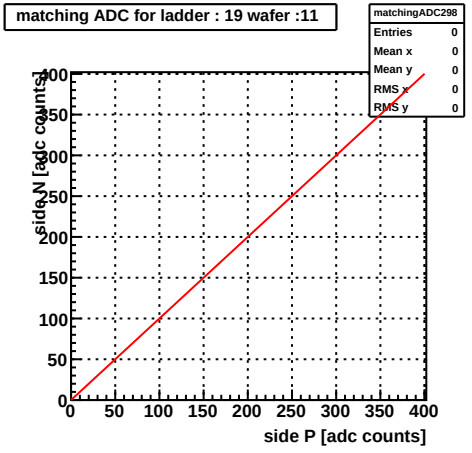

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

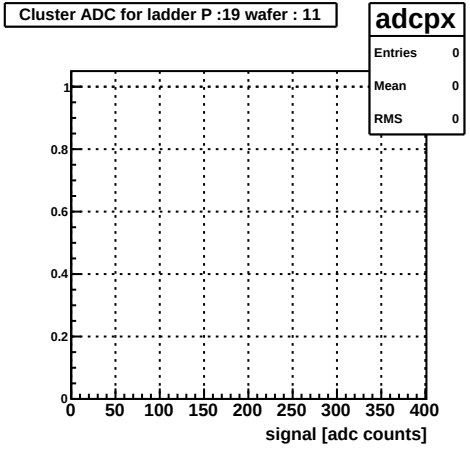

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

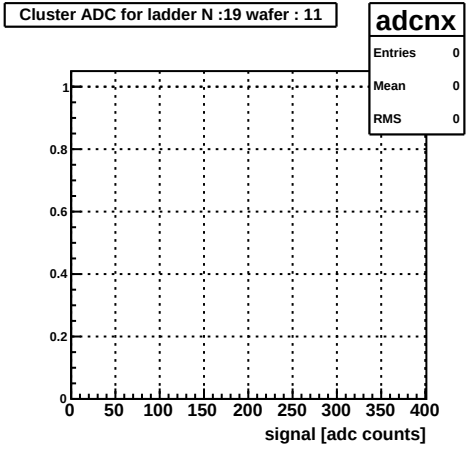

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

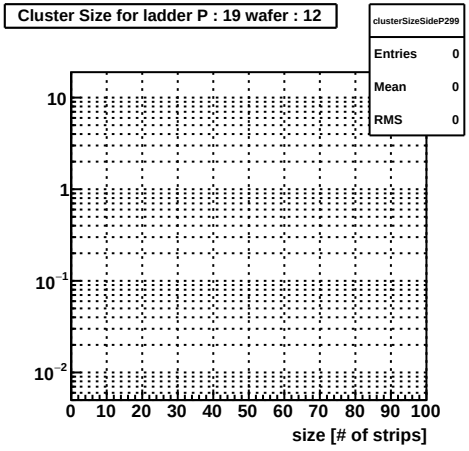

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

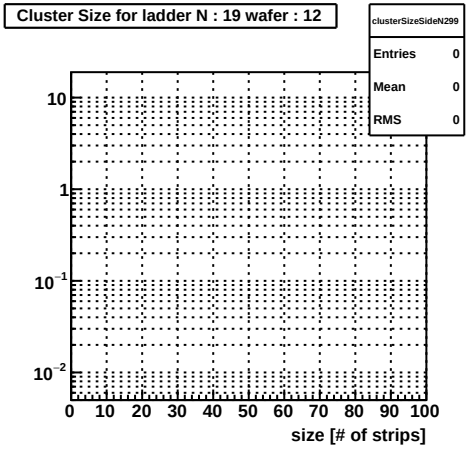

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

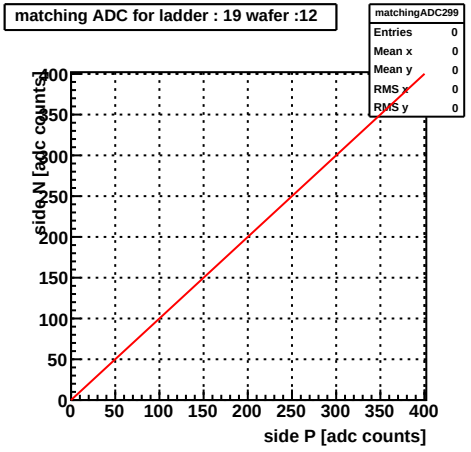

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

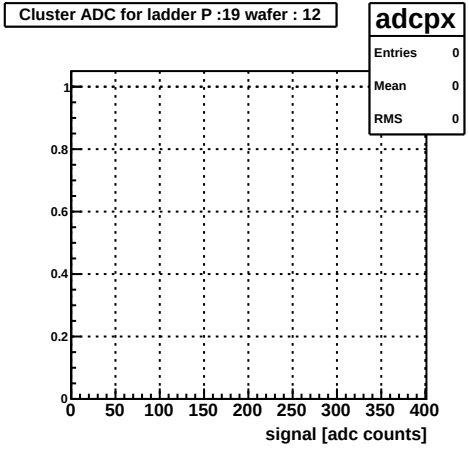

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

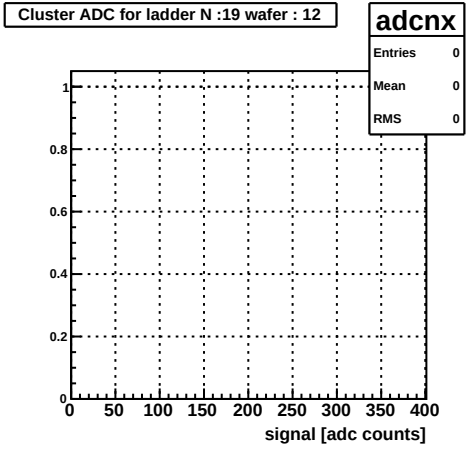

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

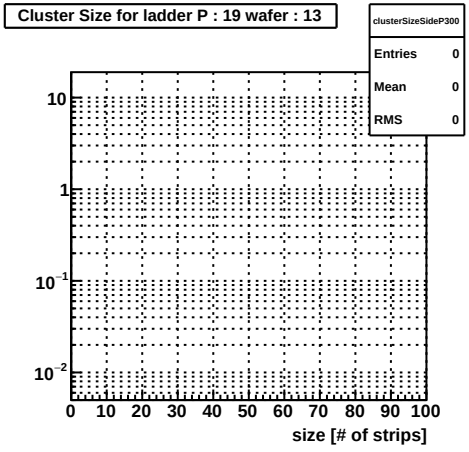

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

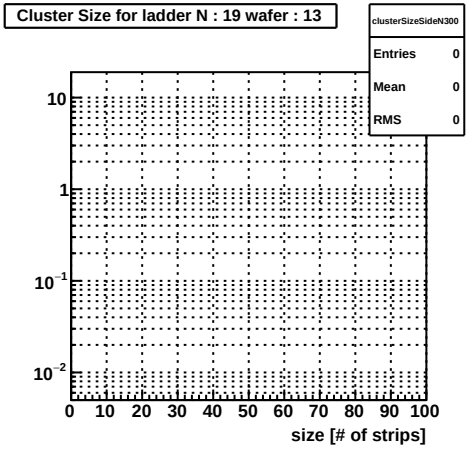

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

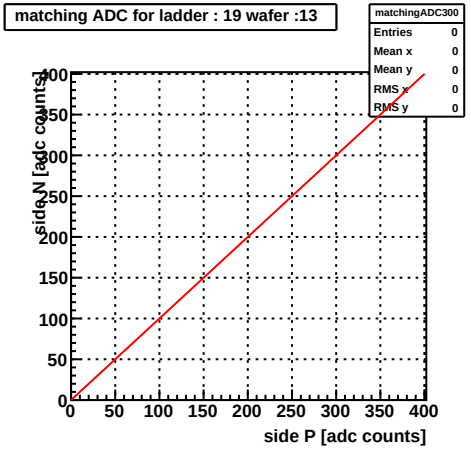

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

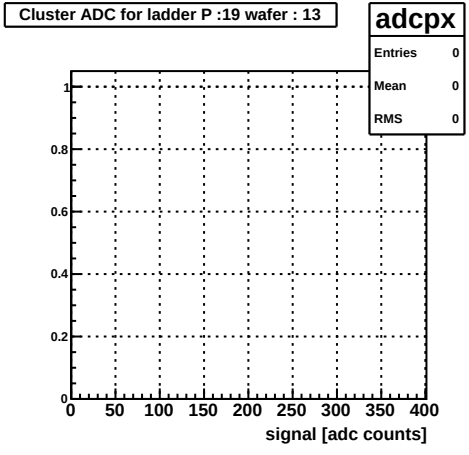

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

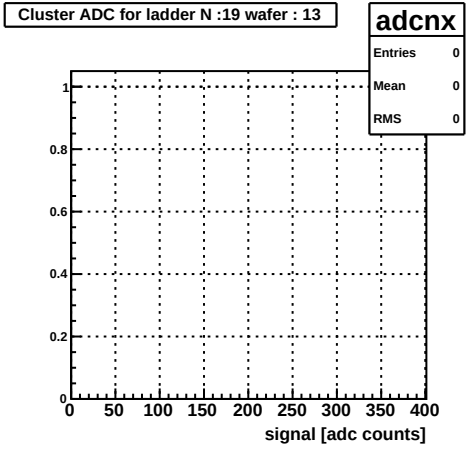

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

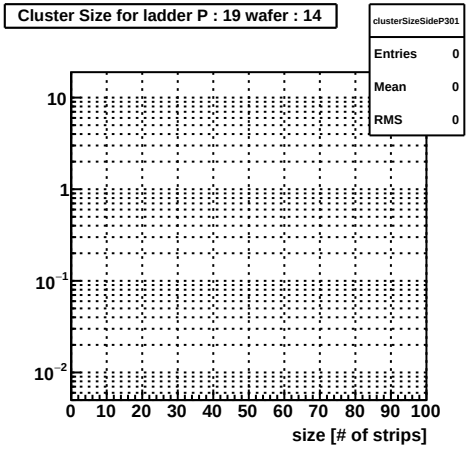

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

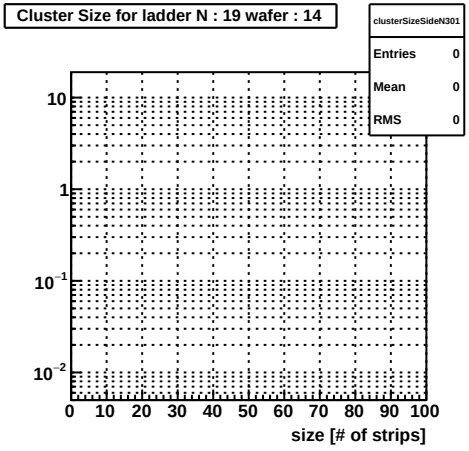

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

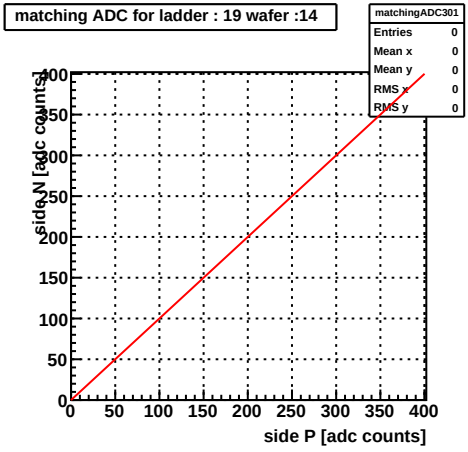

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

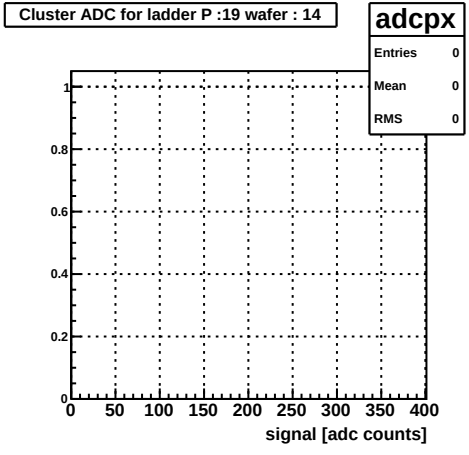

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

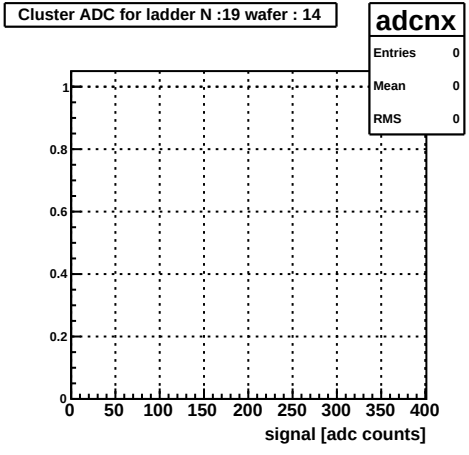

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

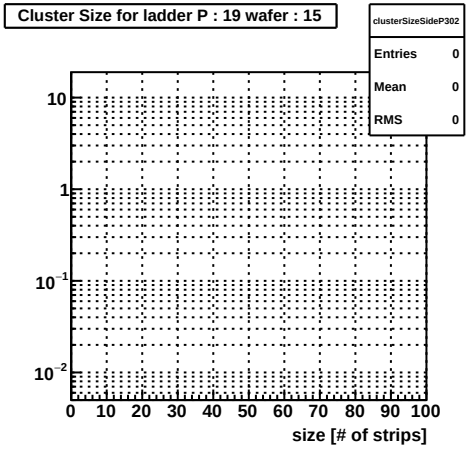

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

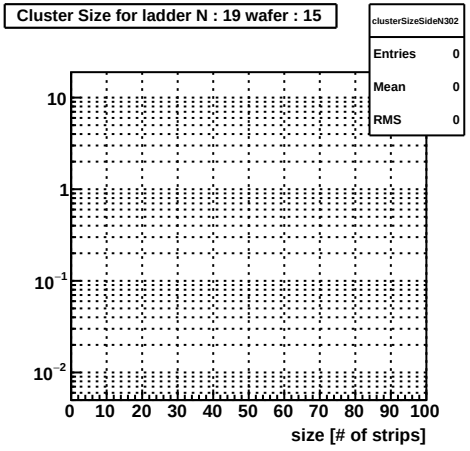

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

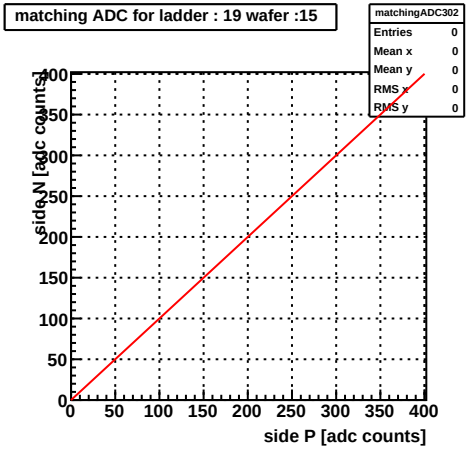

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

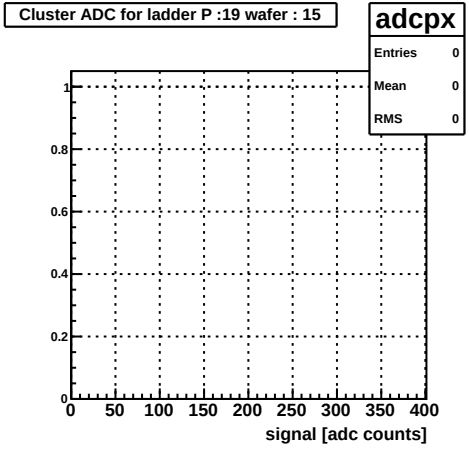

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

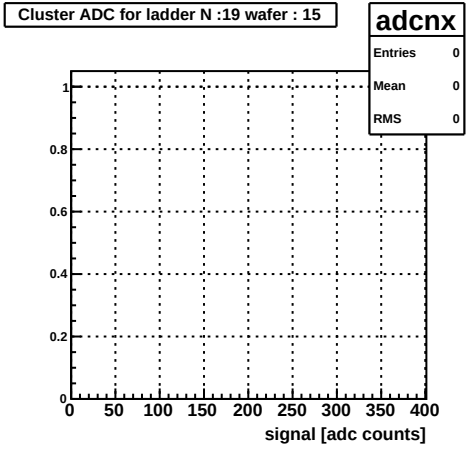

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

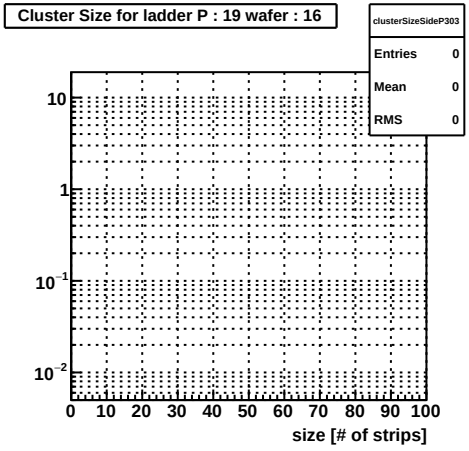

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

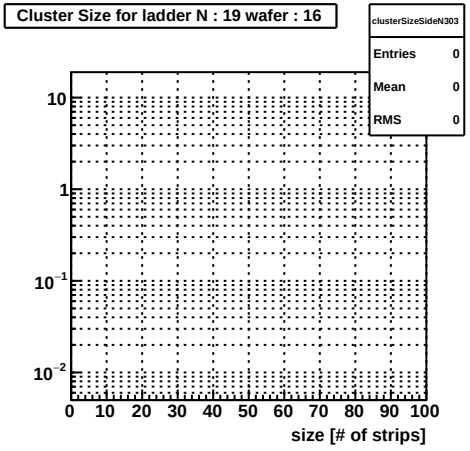

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

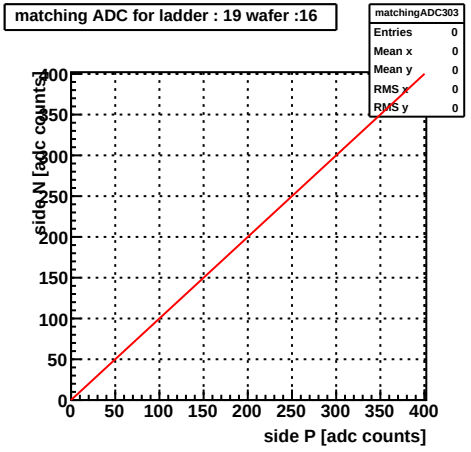

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

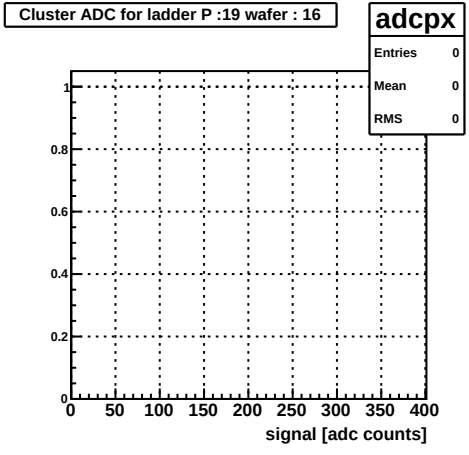

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

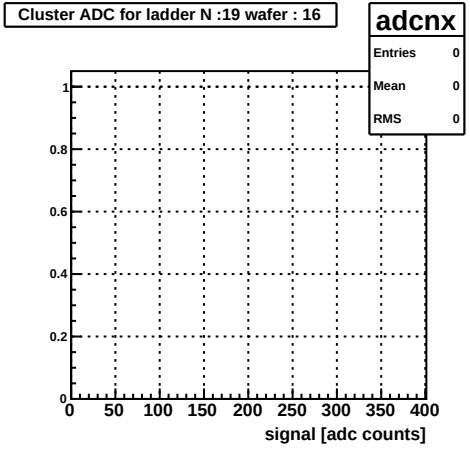

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

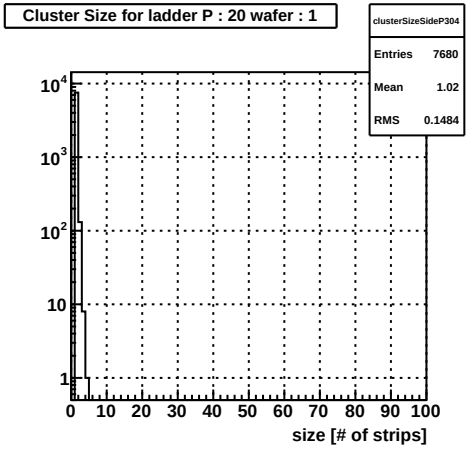

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

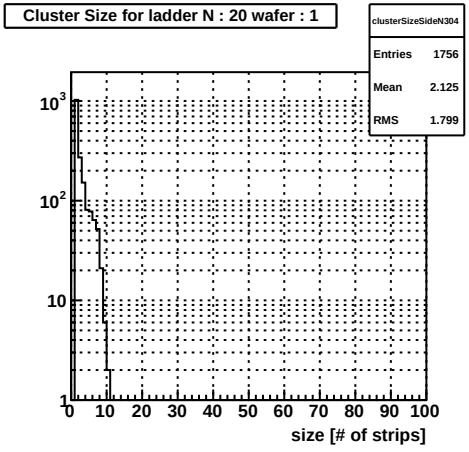

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

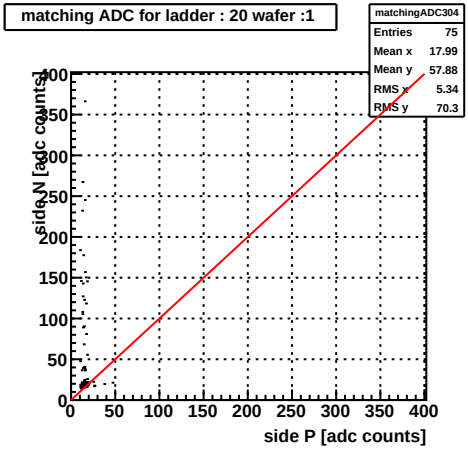

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

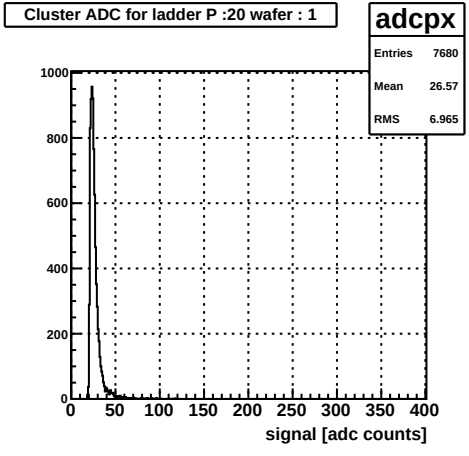

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

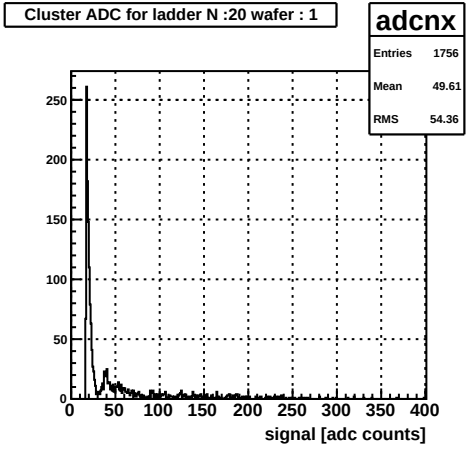

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

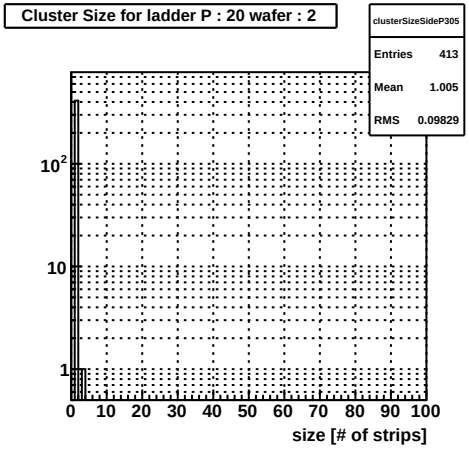

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7680
Mean 1.02
RMS 0.1484
size [# of strips]

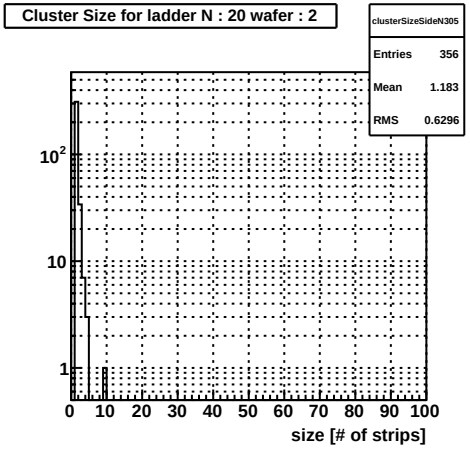

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1756
Mean 2.125
RMS 1.799
size [# of strips]

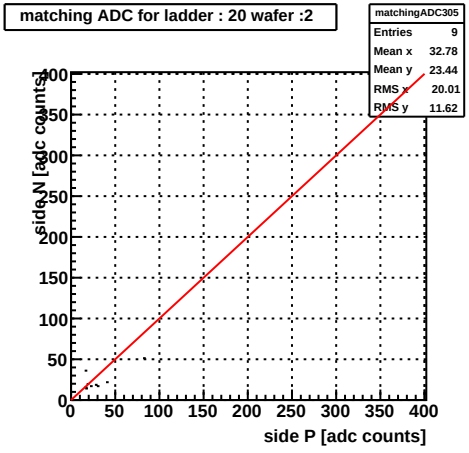

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 75
Mean x 17.99
Mean y 57.88
RMS x 5.34
RMS y 70.3
side N [adc counts]
side P [adc counts]

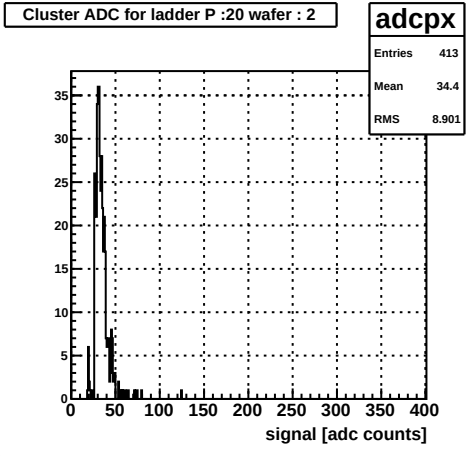

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7680
Mean 26.57
RMS 6.965
signal [adc counts]

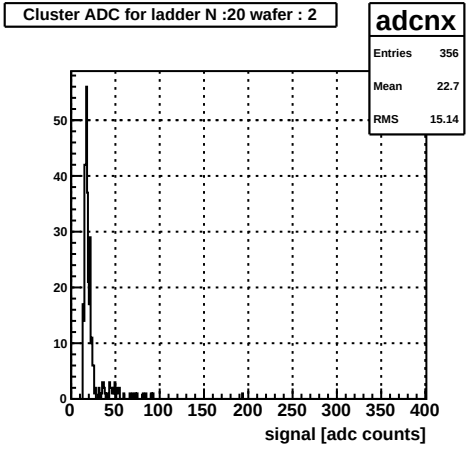

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1756
Mean 49.61
RMS 54.36
signal [adc counts]

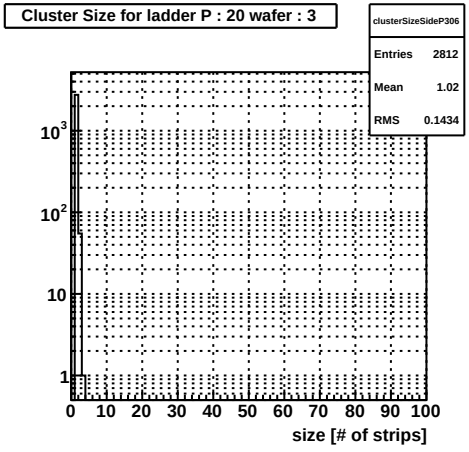

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 413
Mean 1.005
RMS 0.09829
size [# of strips]

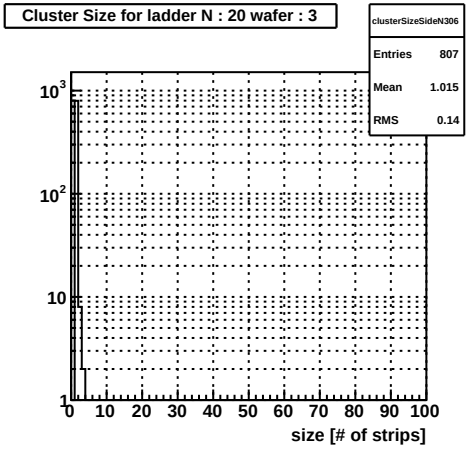

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 356
Mean 1.183
RMS 0.6296
size [# of strips]

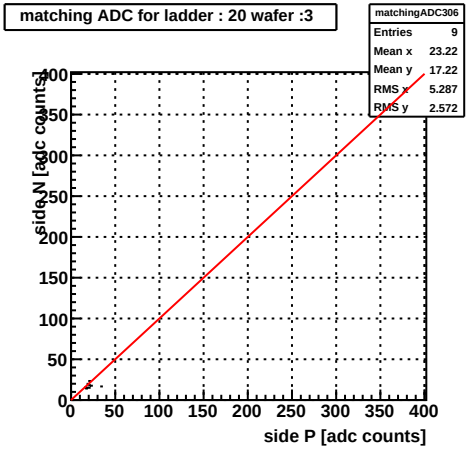

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 9
Mean x 32.78
Mean y 23.44
RMS x 20.01
RMS y 11.62
side N [adc counts]
side P [adc counts]

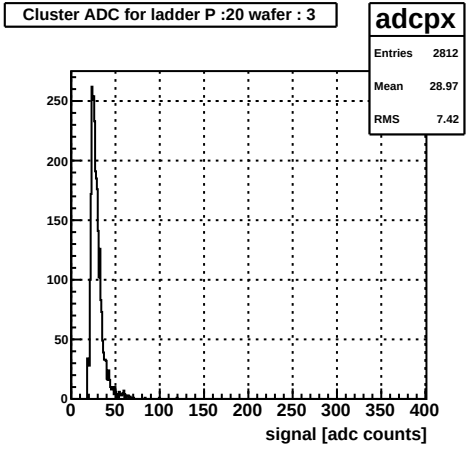

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 413
Mean 34.4
RMS 8.901
signal [adc counts]

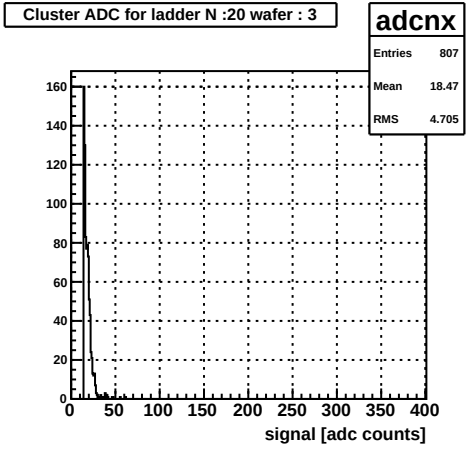

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 356
Mean 22.7
RMS 15.14
signal [adc counts]

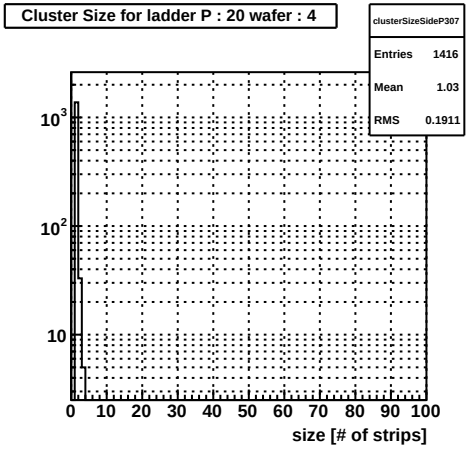

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2812
Mean 1.02
RMS 0.1434
size [# of strips]

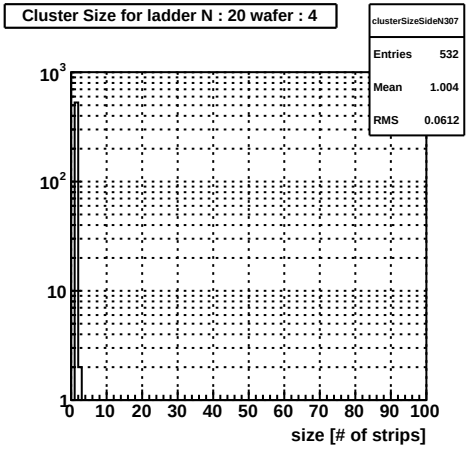

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 807
Mean 1.015
RMS 0.14
size [# of strips]

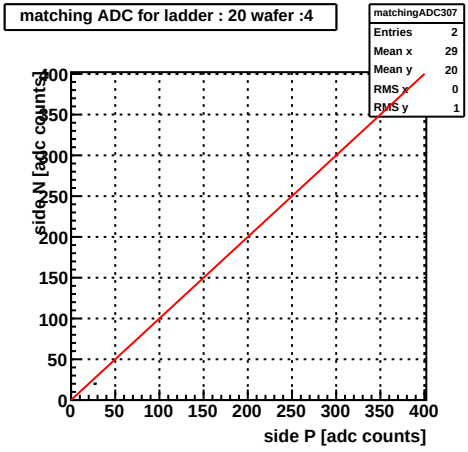

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 9
Mean x 23.22
Mean y 17.22
RMS x 5.287
RMS y 2.572
side N [adc counts]
side P [adc counts]

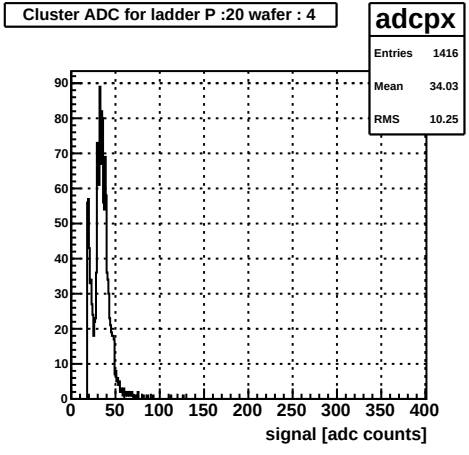

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2812
Mean 28.97
RMS 7.42
signal [adc counts]

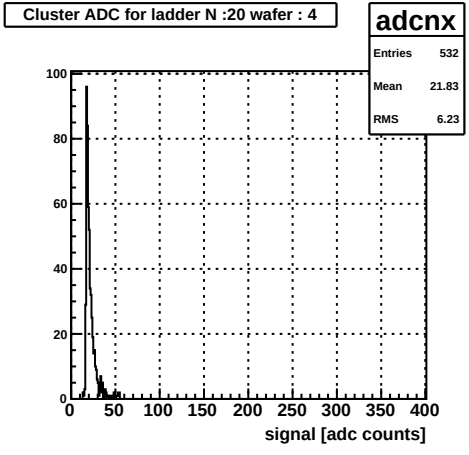

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 807
Mean 18.47
RMS 4.705
signal [adc counts]

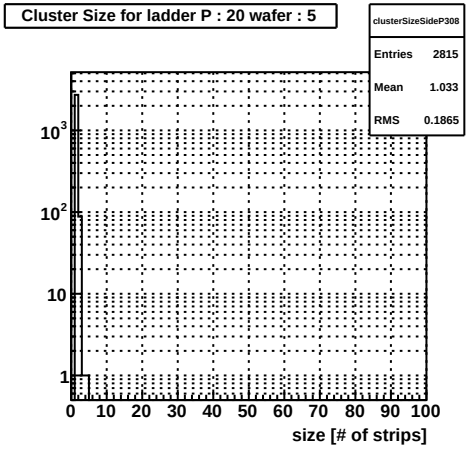

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1416
Mean 1.03
RMS 0.1911
size [# of strips]

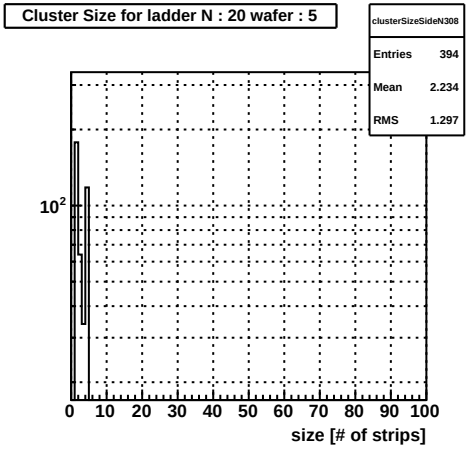

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 532
Mean 1.004
RMS 0.0612
size [# of strips]

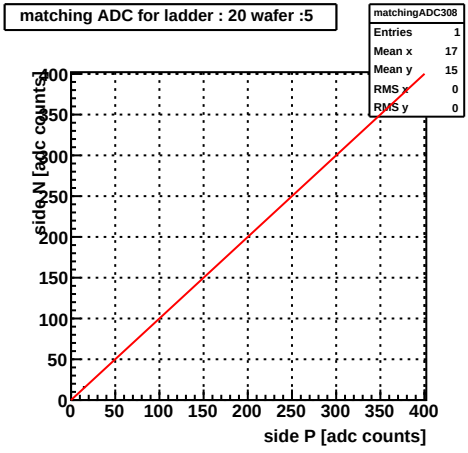

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 2
Mean x 29
Mean y 20
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

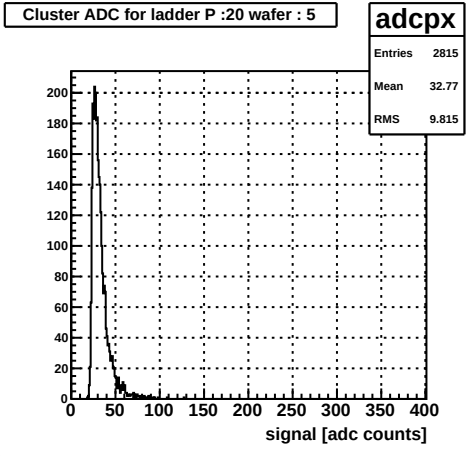

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1416
Mean 34.03
RMS 10.25
signal [adc counts]

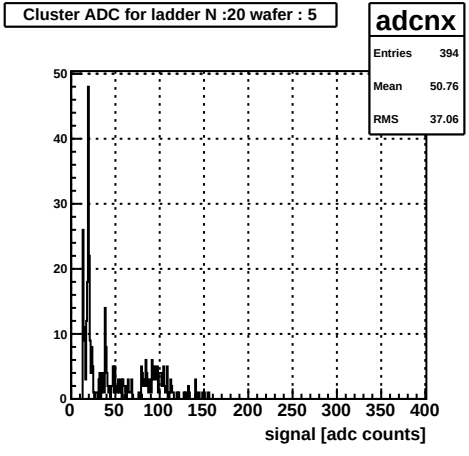

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 532
Mean 21.83
RMS 6.23
signal [adc counts]

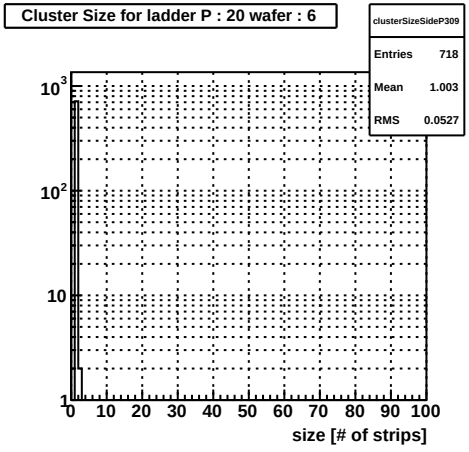

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2815
Mean 1.033
RMS 0.1865
size [# of strips]

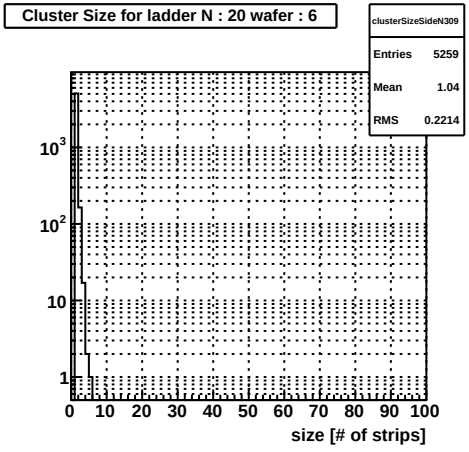

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 394
Mean 2.234
RMS 1.297
size [# of strips]

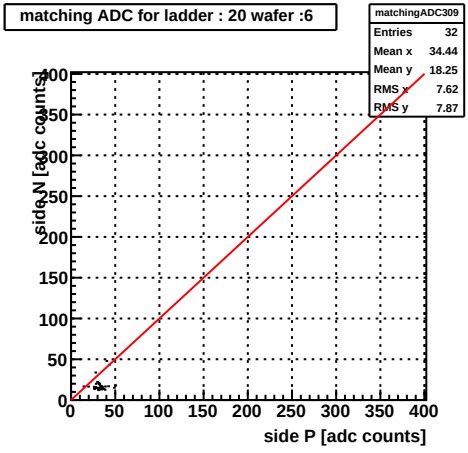

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

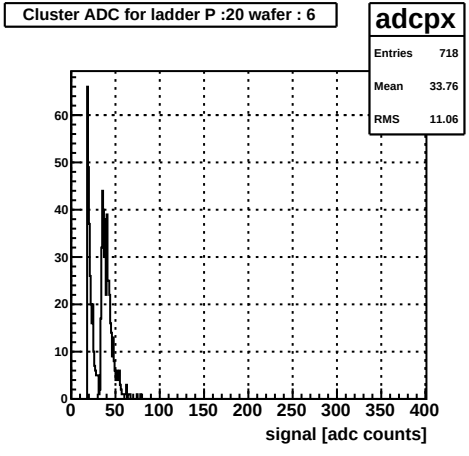

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2815
Mean 32.77
RMS 9.815
signal [adc counts]

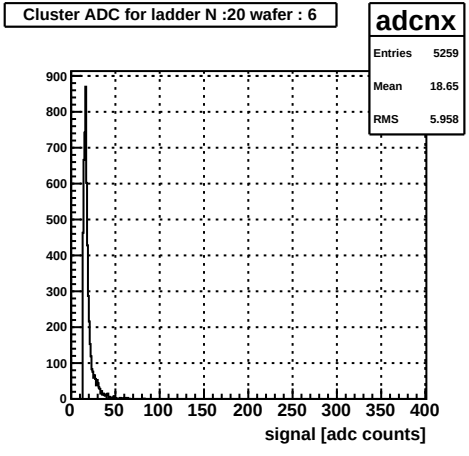

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 394
Mean 50.76
RMS 37.06
signal [adc counts]

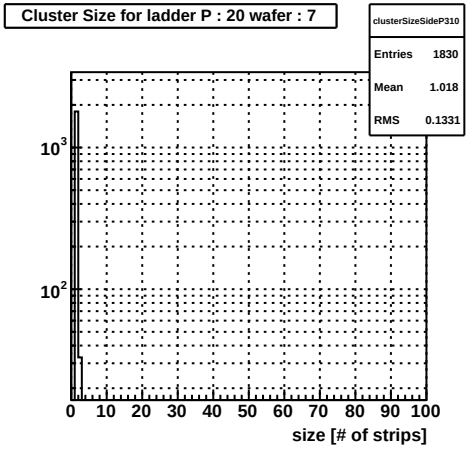

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 718
Mean 1.003
RMS 0.0527
size [# of strips]

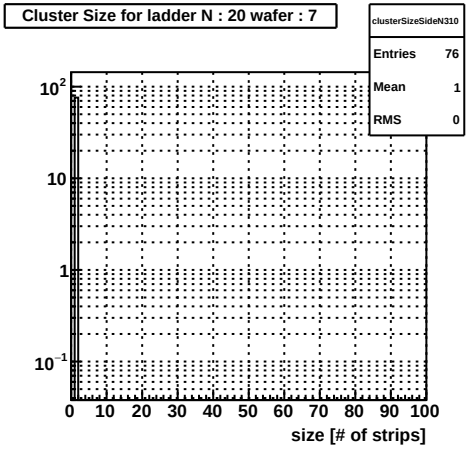

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5259
Mean 1.04
RMS 0.2214
size [# of strips]

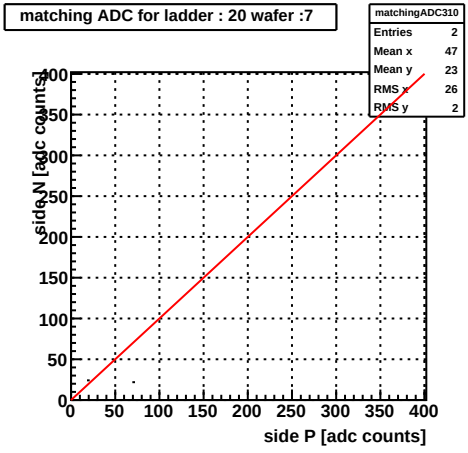

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 32
Mean x 34.44
Mean y 18.25
RMS x 7.62
RMS y 7.87
side N [adc counts]
side P [adc counts]

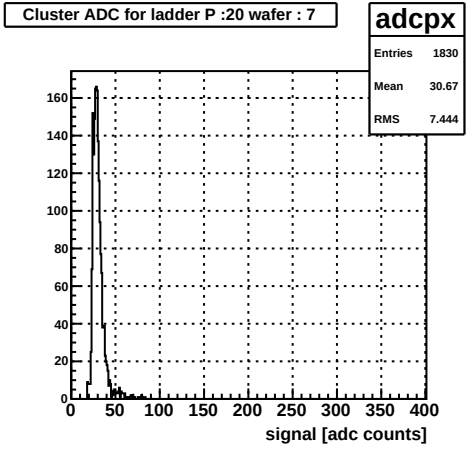

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 718
Mean 33.76
RMS 11.06
signal [adc counts]

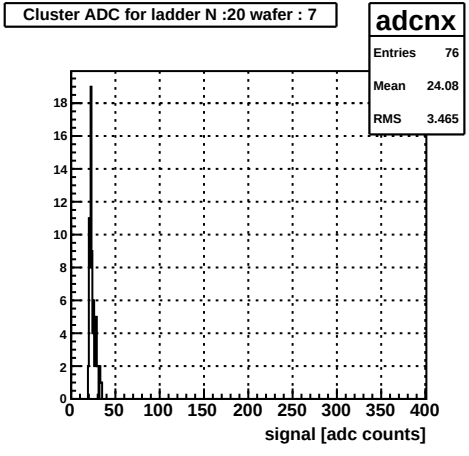

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5259
Mean 18.65
RMS 5.958
signal [adc counts]

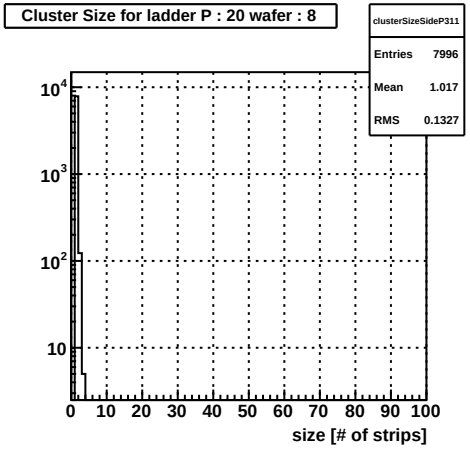

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1830
Mean 1.018
RMS 0.1331
size [# of strips]

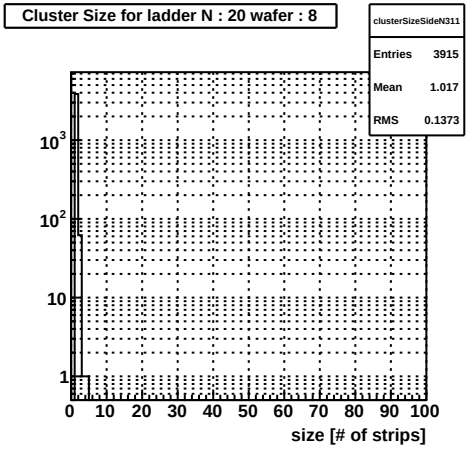

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 76
Mean 1
RMS 0
size [# of strips]

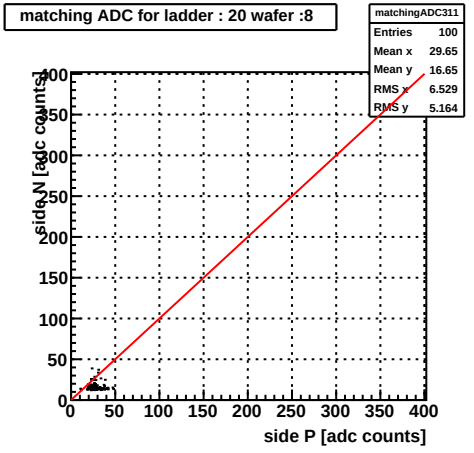

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 2
Mean x 47
Mean y 23
RMS x 26
RMS y 2
side N [adc counts]
side P [adc counts]

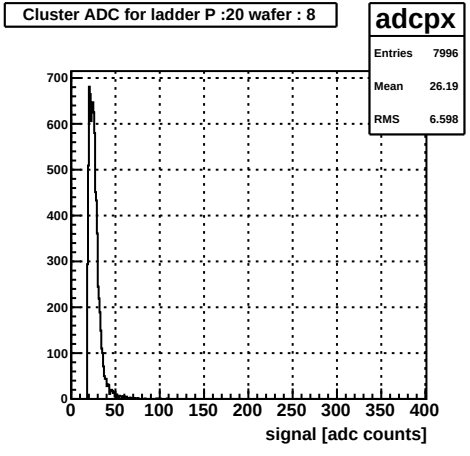

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1830
Mean 30.67
RMS 7.444
signal [adc counts]

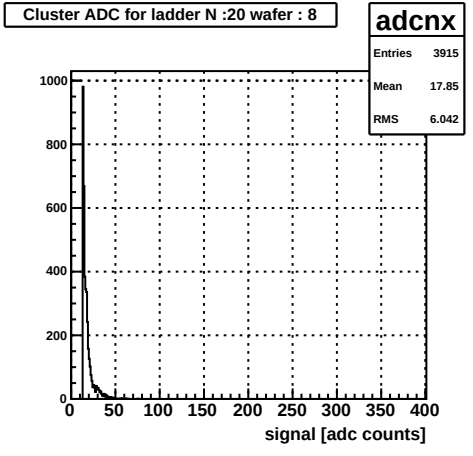

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 76
Mean 24.08
RMS 3.465
signal [adc counts]

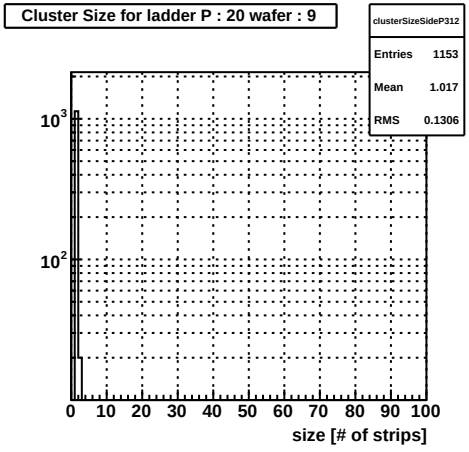

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7996
Mean 1.017
RMS 0.1327
size [# of strips]

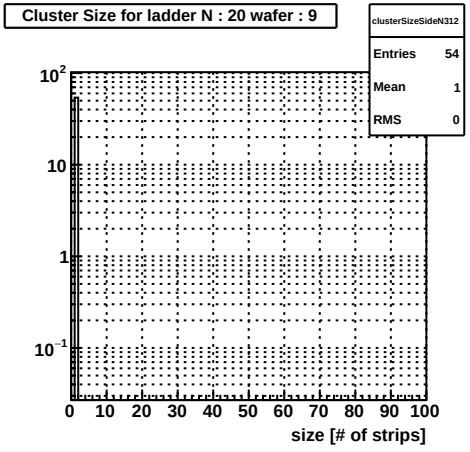

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 3915
Mean 1.017
RMS 0.1373
size [# of strips]

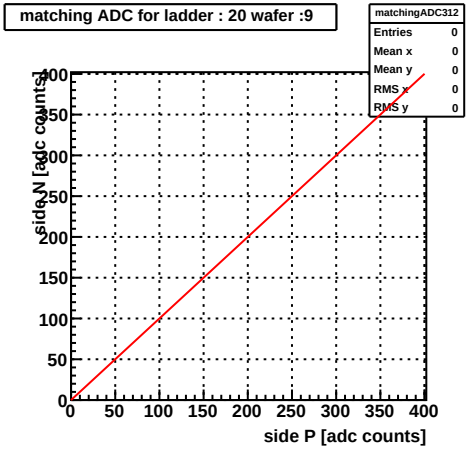

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 100
Mean x 29.65
Mean y 16.65
RMS x 6.529
RMS y 5.164
side N [adc counts]
side P [adc counts]

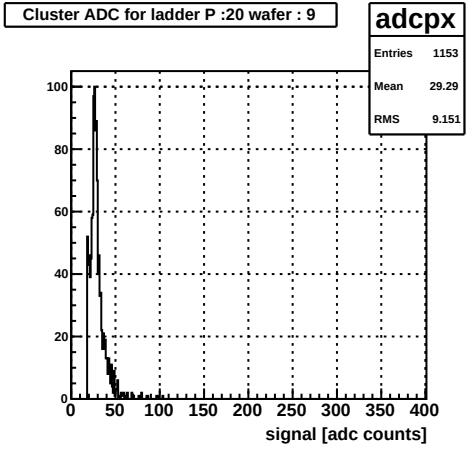

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7996
Mean 26.19
RMS 6.598
signal [adc counts]

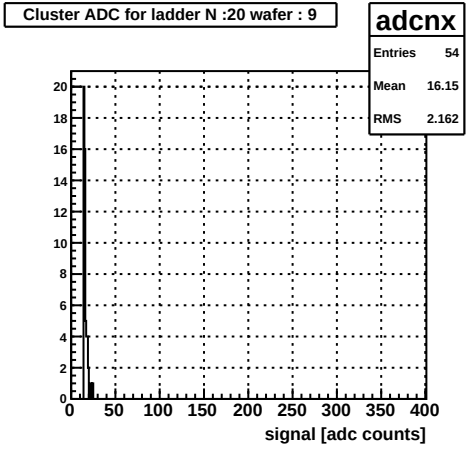

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 3915
Mean 17.85
RMS 6.042
signal [adc counts]

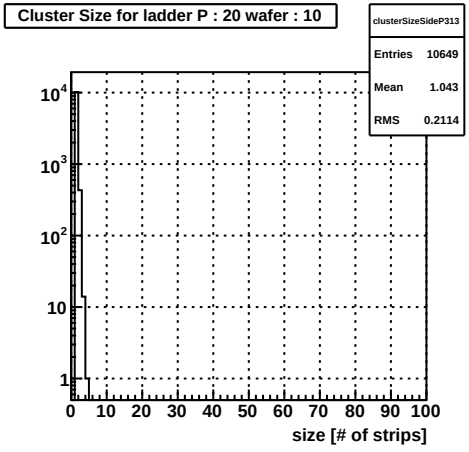

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1153
Mean 1.017
RMS 0.1306
size [# of strips]

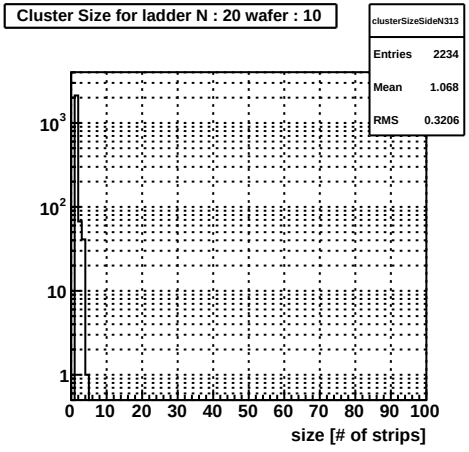

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 54
Mean 1
RMS 0
size [# of strips]

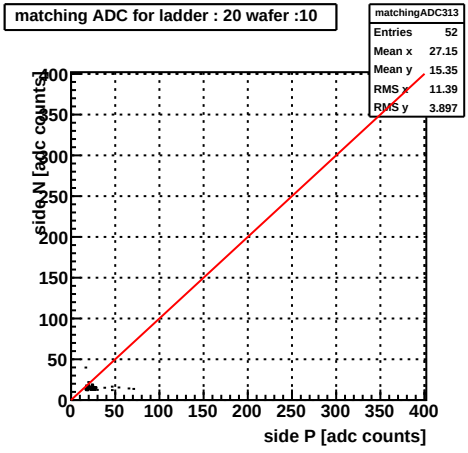

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

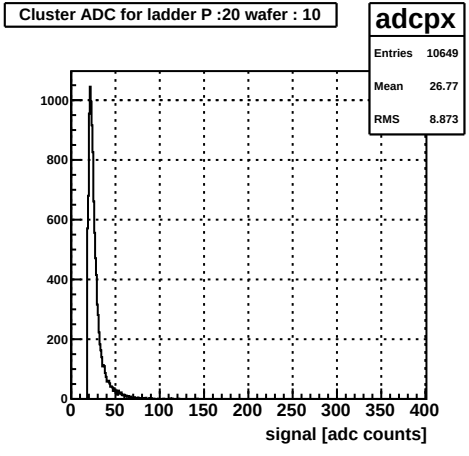

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1153
Mean 29.29
RMS 9.151
signal [adc counts]

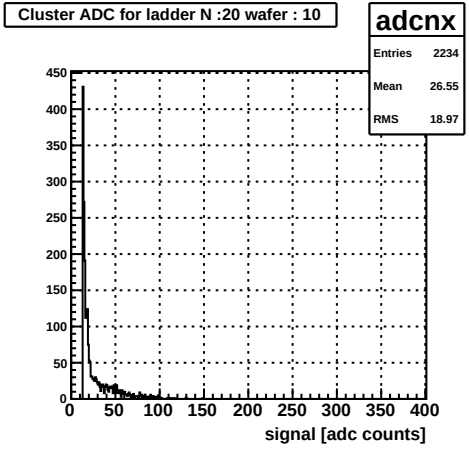

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 54
Mean 16.15
RMS 2.162
signal [adc counts]

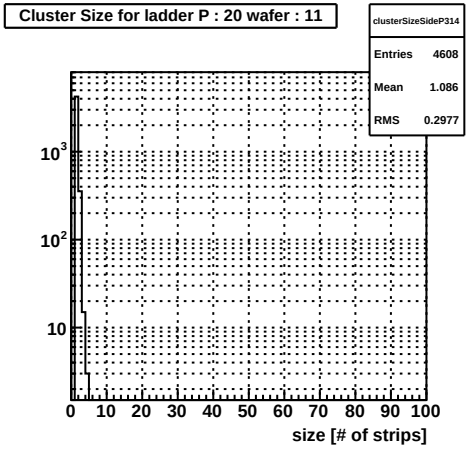

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 10649
Mean 1.043
RMS 0.2114
size [# of strips]

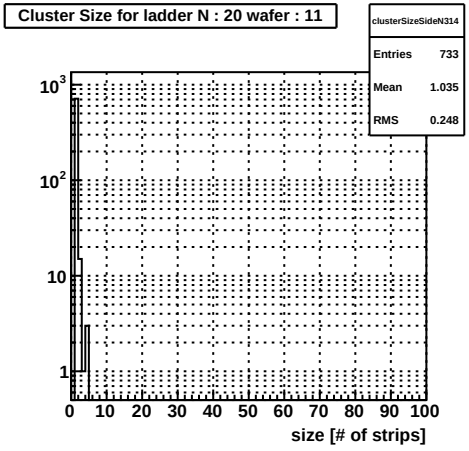

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2234
Mean 1.068
RMS 0.3206
size [# of strips]

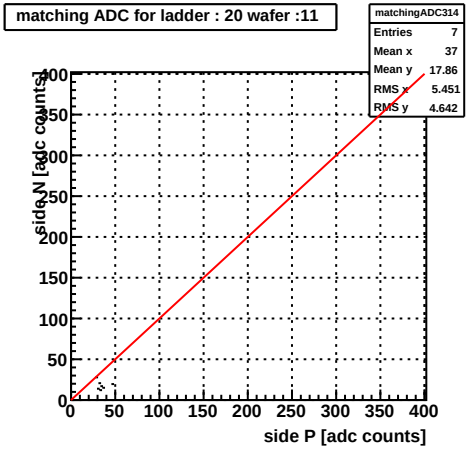

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 52
Mean x 27.15
Mean y 15.35
RMS x 11.39
RMS y 3.897
side N [adc counts]
side P [adc counts]

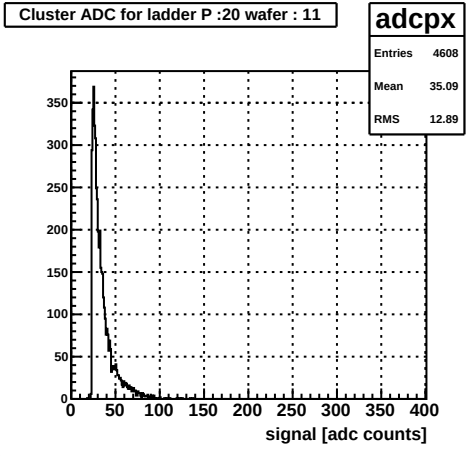

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 10649
Mean 26.77
RMS 8.873
signal [adc counts]

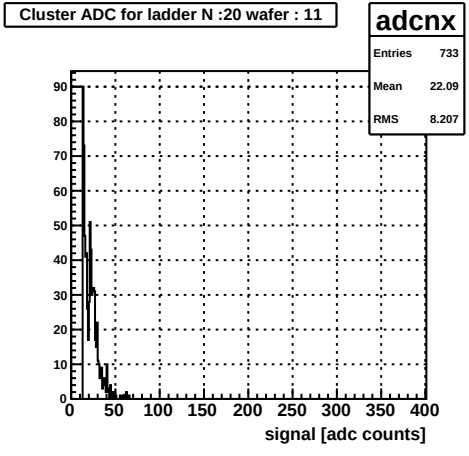

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2234
Mean 26.55
RMS 18.97
signal [adc counts]

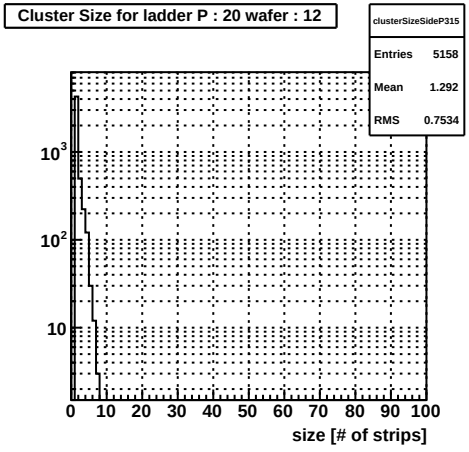

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4608
Mean 1.086
RMS 0.2977
size [# of strips]

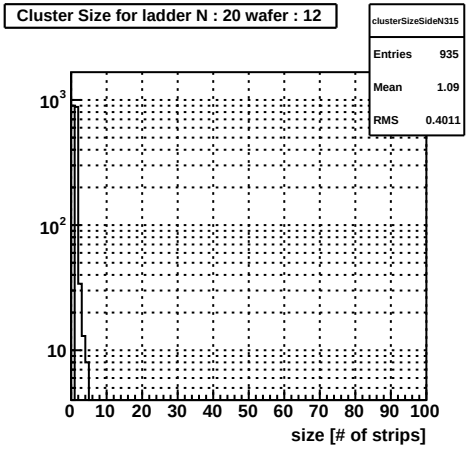

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 733
Mean 1.035
RMS 0.248
size [# of strips]

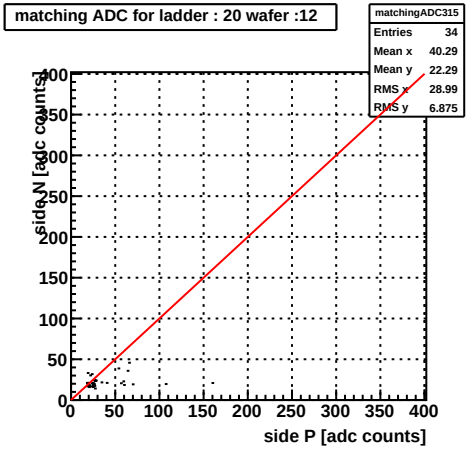

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 7
Mean x 37
Mean y 17.86
RMS x 5.451
RMS y 4.642
side N [adc counts]
side P [adc counts]

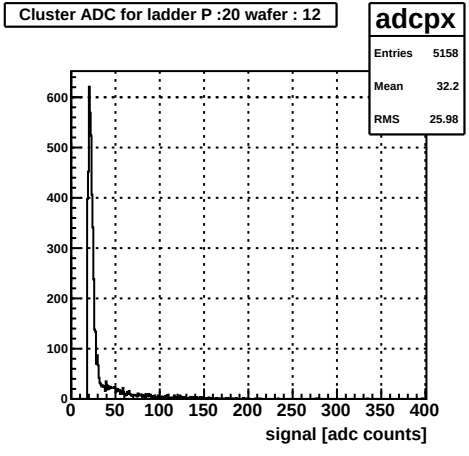

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4608
Mean 35.09
RMS 12.89
signal [adc counts]

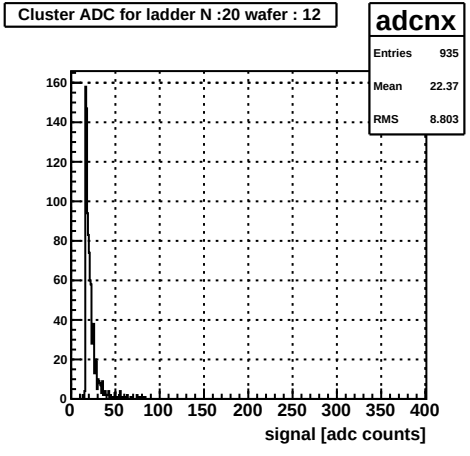

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 733
Mean 22.09
RMS 8.207
signal [adc counts]

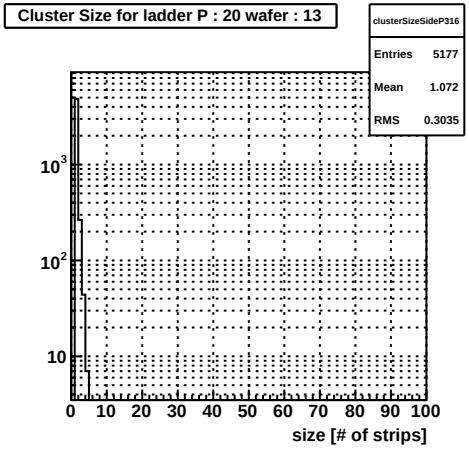

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5158
Mean 1.292
RMS 0.7534
size [# of strips]

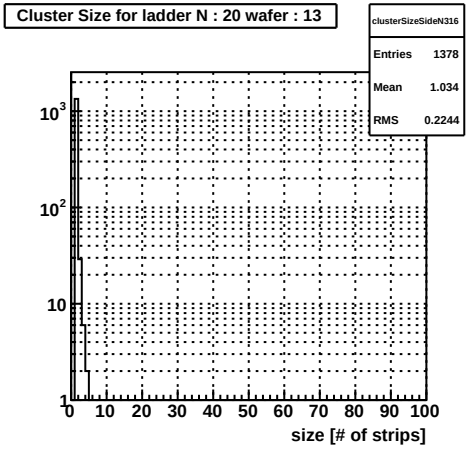

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 935
Mean 1.09
RMS 0.4011
size [# of strips]

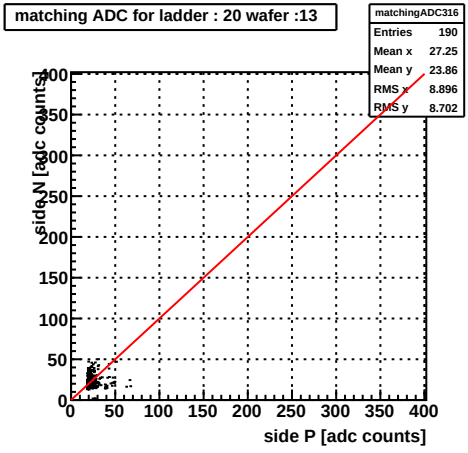

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 34
Mean x 40.29
Mean y 22.29
RMS x 28.99
RMS y 6.875
side N [adc counts]
side P [adc counts]

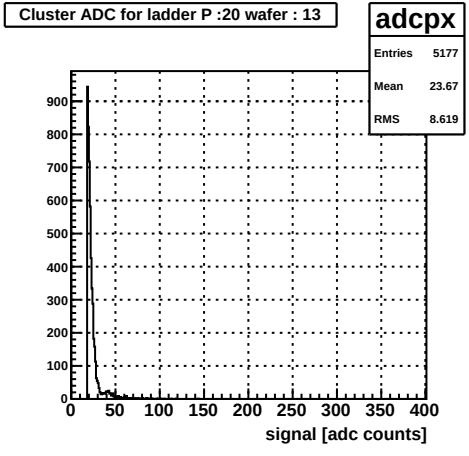

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5158
Mean 32.2
RMS 25.98
signal [adc counts]

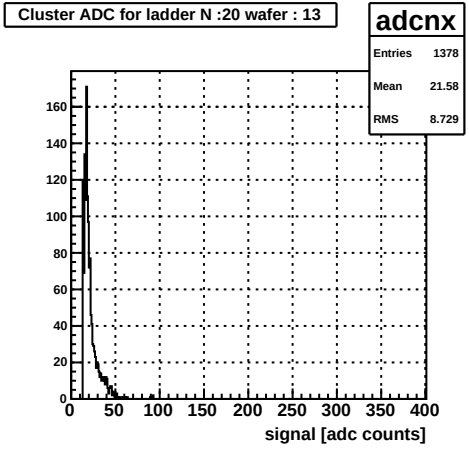

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 935
Mean 22.37
RMS 8.803
signal [adc counts]

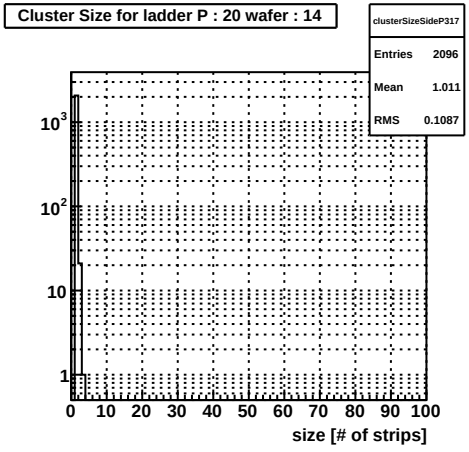

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5177
Mean 1.072
RMS 0.3035
size [# of strips]

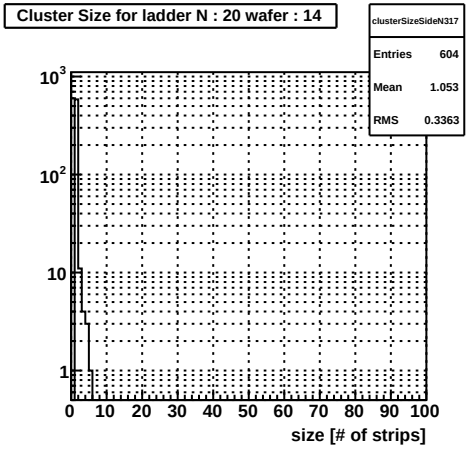

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1378
Mean 1.034
RMS 0.2244
size [# of strips]

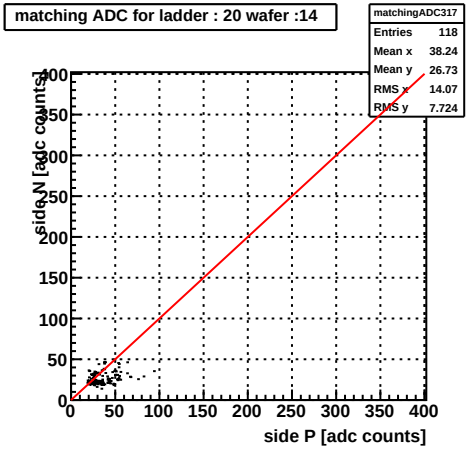

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 190
Mean x 27.25
Mean y 23.86
RMS x 8.896
RMS y 8.702
side N [adc counts]
side P [adc counts]

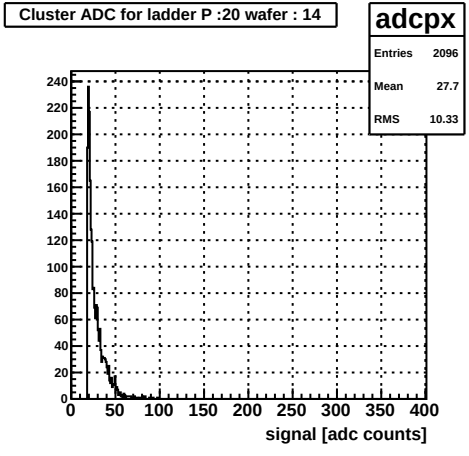

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5177
Mean 23.67
RMS 8.619
signal [adc counts]

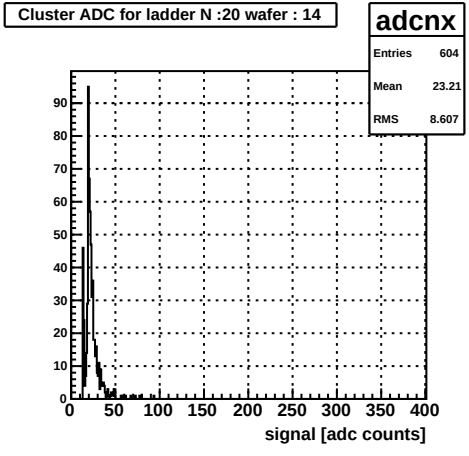

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1378
Mean 21.58
RMS 8.729
signal [adc counts]

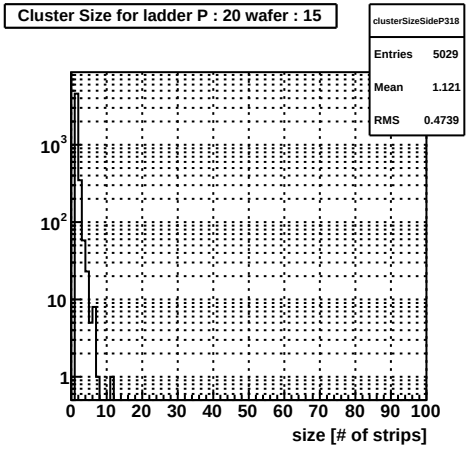

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2096
Mean 1.011
RMS 0.1087
size [# of strips]

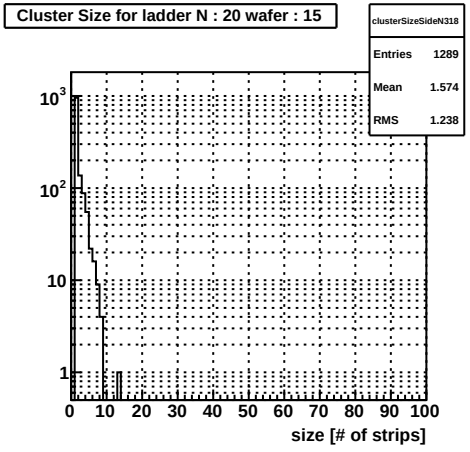

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 604
Mean 1.053
RMS 0.3363
size [# of strips]

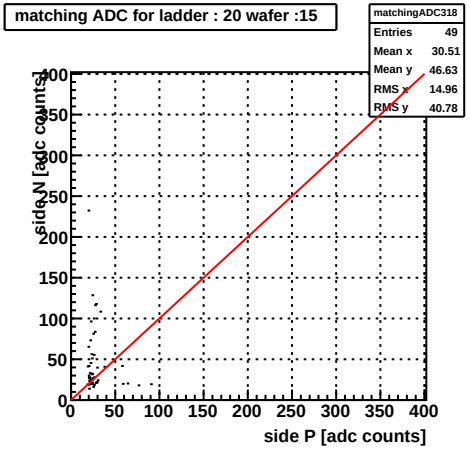

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 118
Mean x 38.24
Mean y 26.73
RMS x 14.07
RMS y 7.724
side N [adc counts]
side P [adc counts]

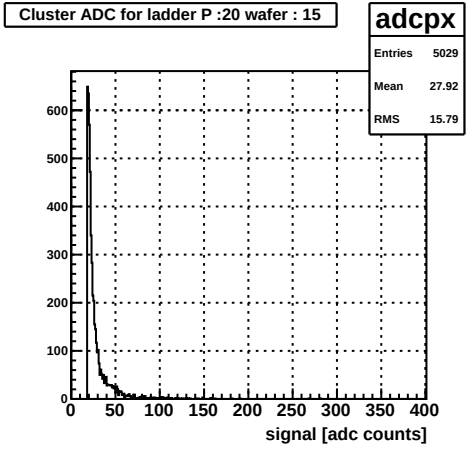

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2096
Mean 27.7
RMS 10.33
signal [adc counts]

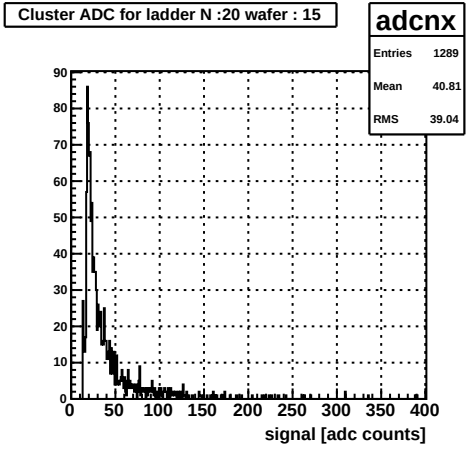

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 604
Mean 23.21
RMS 8.607
signal [adc counts]

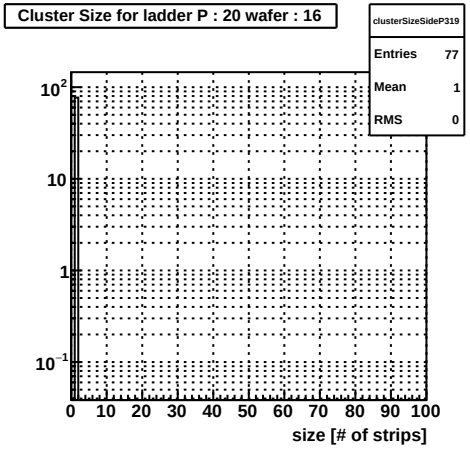

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5029
Mean 1.121
RMS 0.4739
size [# of strips]

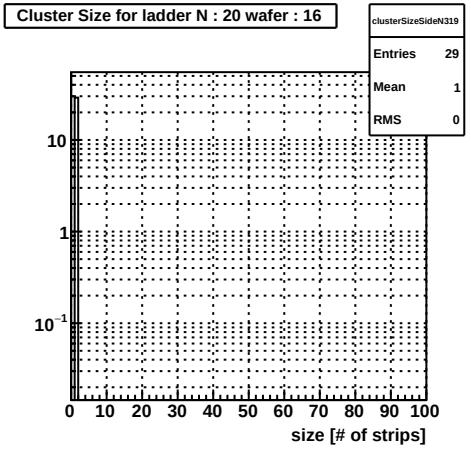

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1289
Mean 1.574
RMS 1.238
size [# of strips]

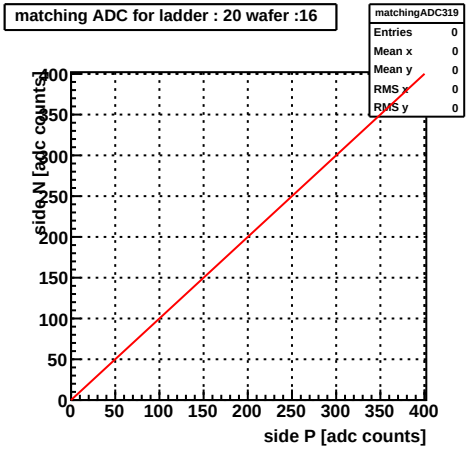

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 49
Mean x 30.51
Mean y 46.63
RMS x 14.96
RMS y 40.78
side N [adc counts]
side P [adc counts]

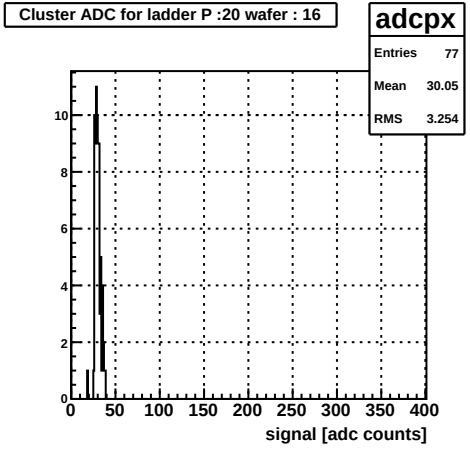

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5029
Mean 27.92
RMS 15.79
signal [adc counts]

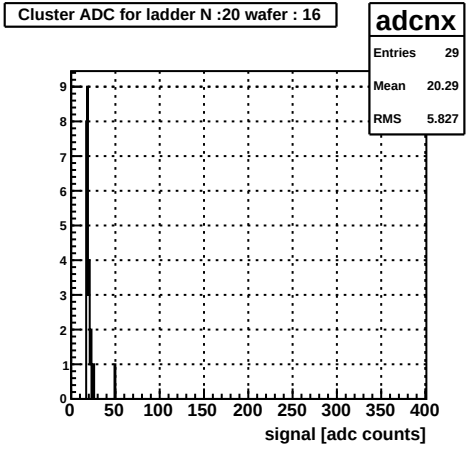

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1289
Mean 40.81
RMS 39.04
signal [adc counts]

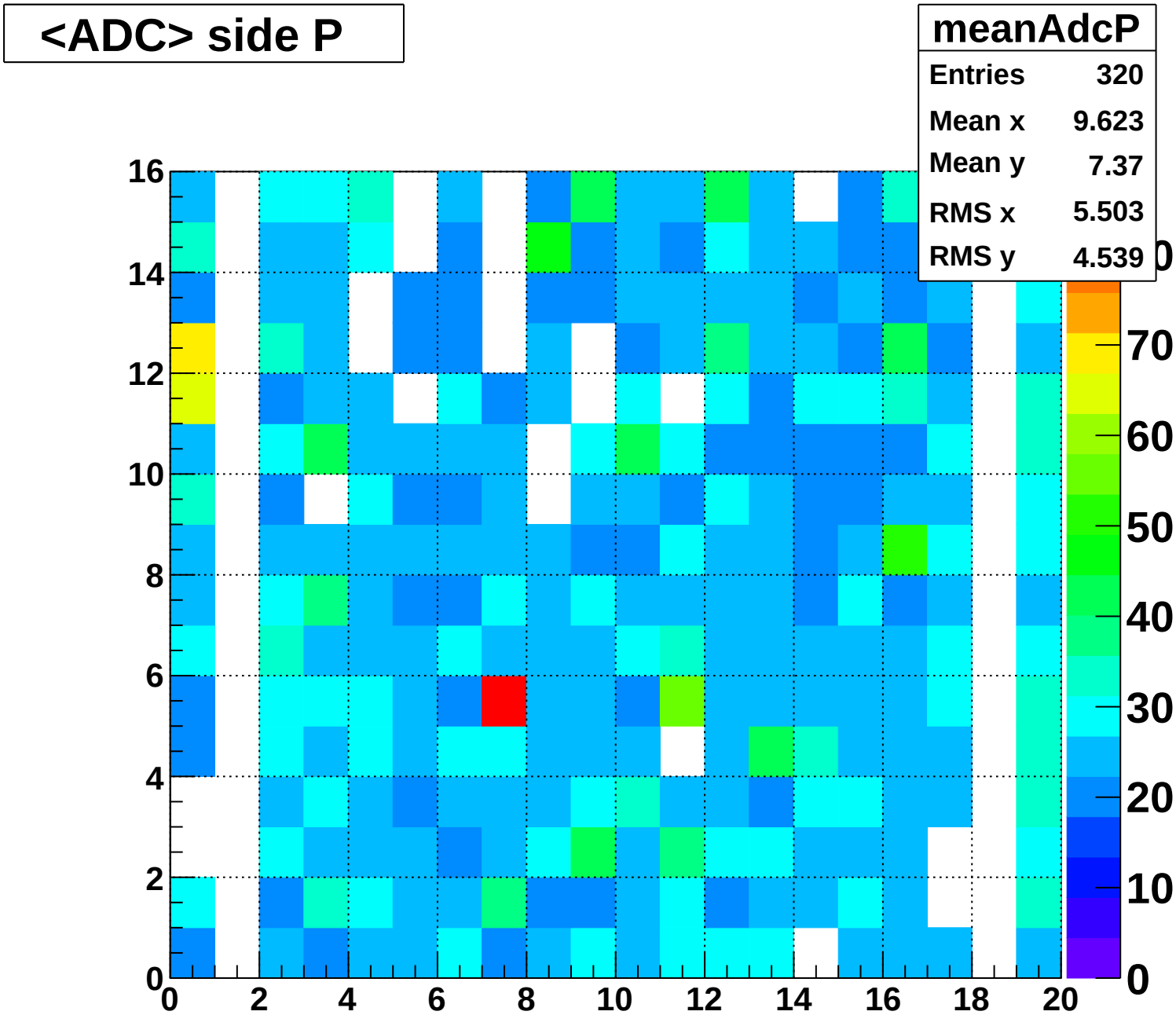

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 77
Mean 1
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 29
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 77
Mean 30.05
RMS 3.254
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 29
Mean 20.29
RMS 5.827
signal [adc counts]



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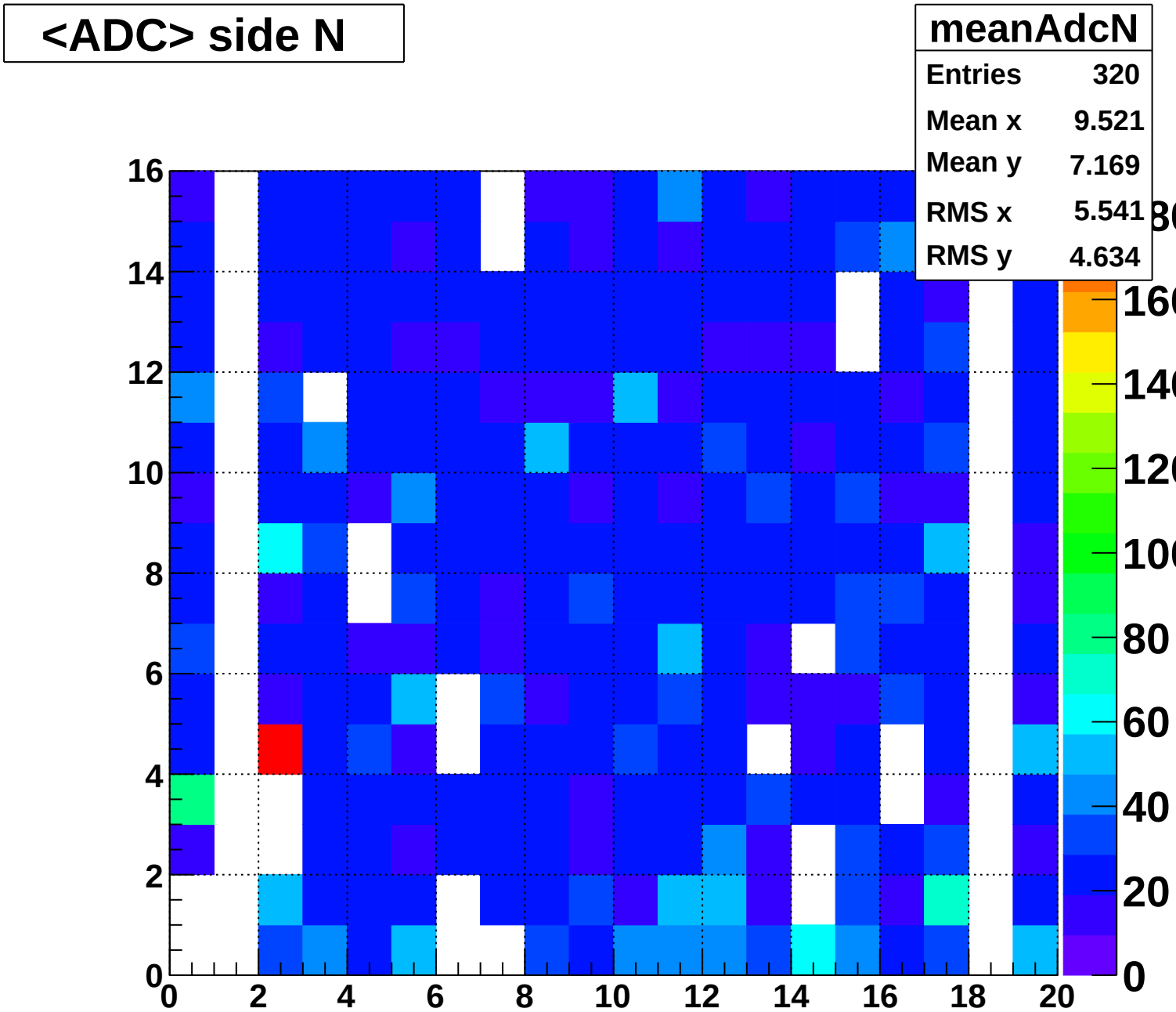

2016-05-20 06:02:01