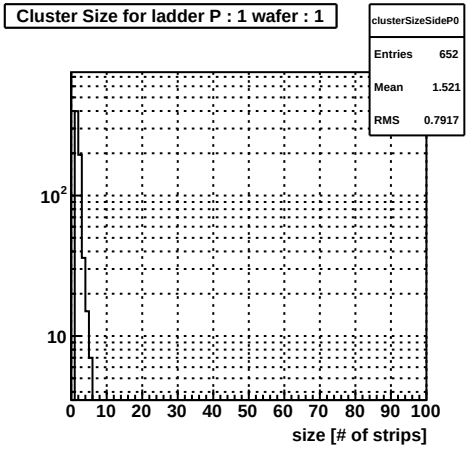
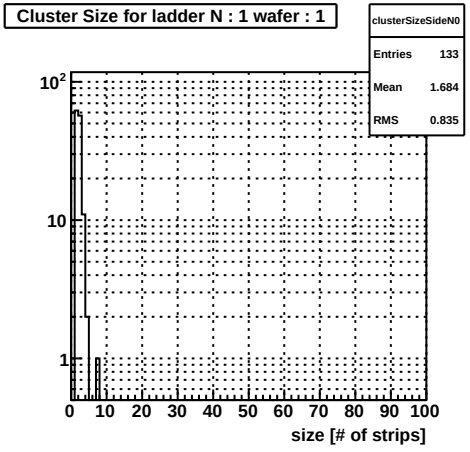
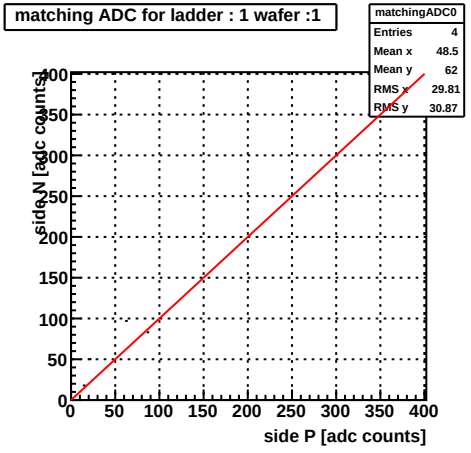
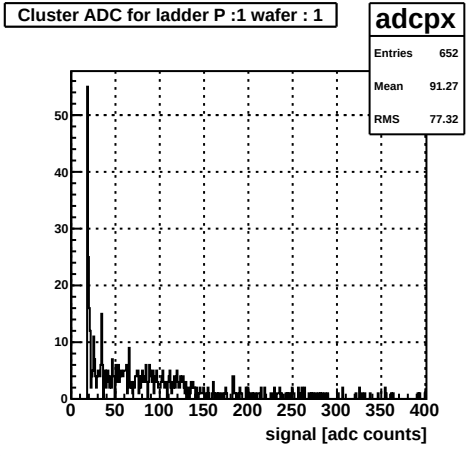
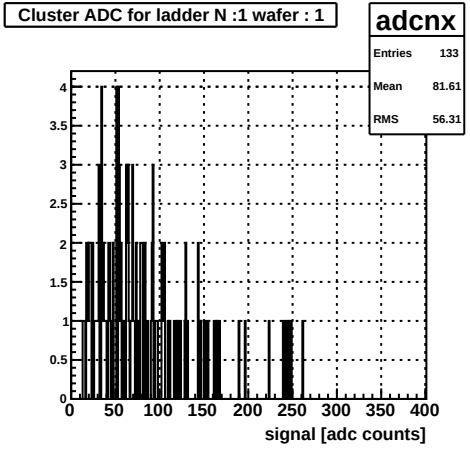
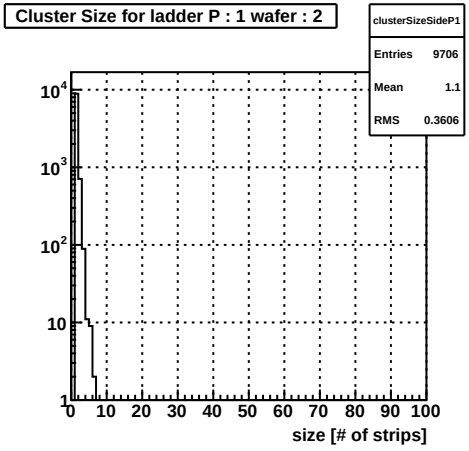

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 652
Mean 1.521
RMS 0.7917
size [# of strips]

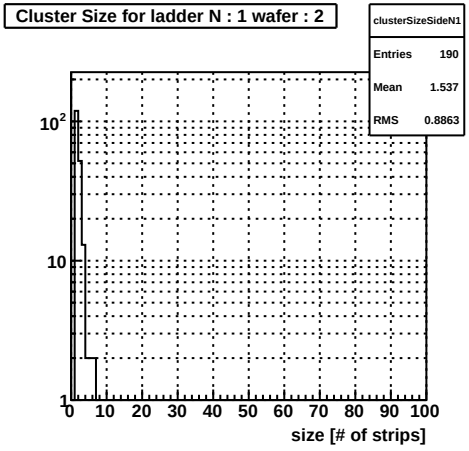

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 133
Mean 1.684
RMS 0.835
size [# of strips]

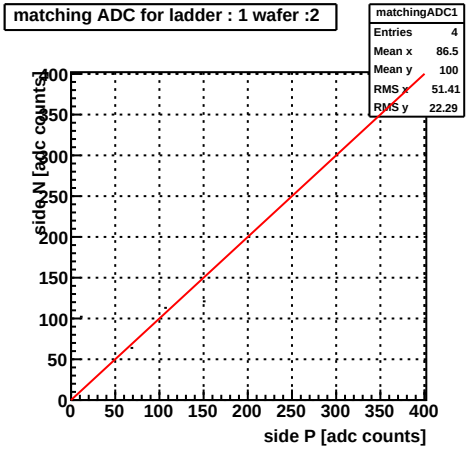

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 4
Mean x 48.5
Mean y 62
RMS x 29.81
RMS y 30.87
side N [adc counts]
side P [adc counts]

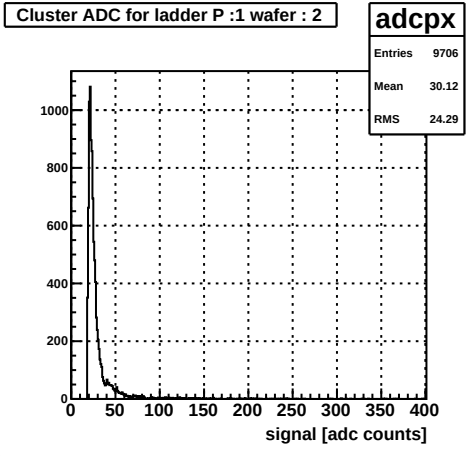

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 652
Mean 91.27
RMS 77.32
signal [adc counts]

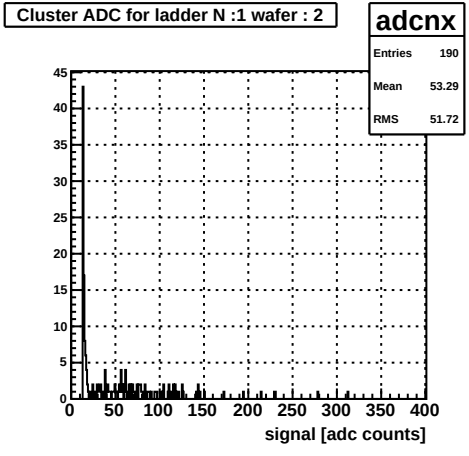

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 133
Mean 81.61
RMS 56.31
signal [adc counts]

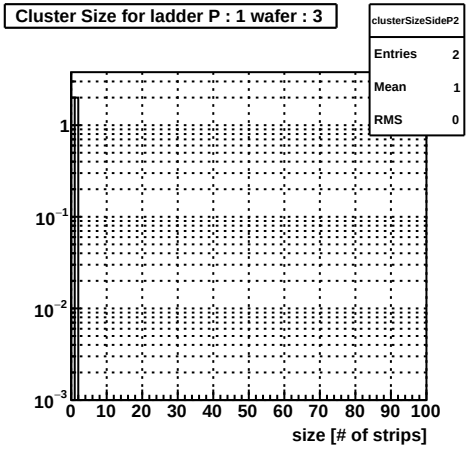

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9706
Mean 1.1
RMS 0.3606
size [# of strips]

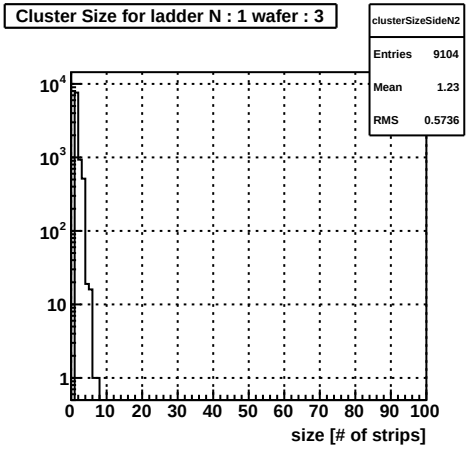

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 190
Mean 1.537
RMS 0.8863
size [# of strips]

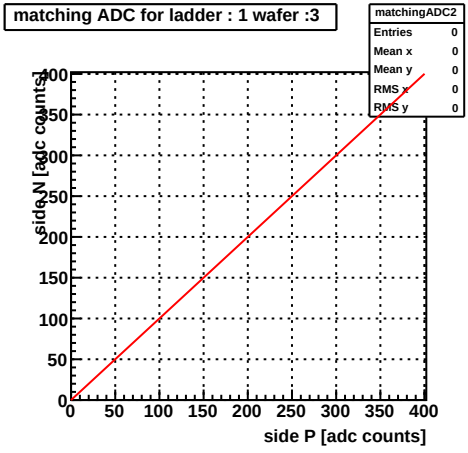

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 86.5
Mean y 100
RMS x 51.41
RMS y 22.29
side N [adc counts]
side P [adc counts]

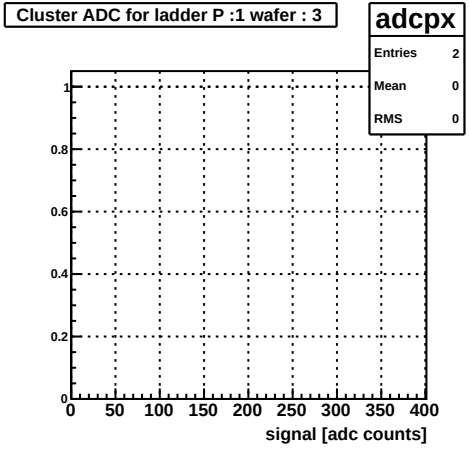

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9706
Mean 30.12
RMS 24.29
signal [adc counts]

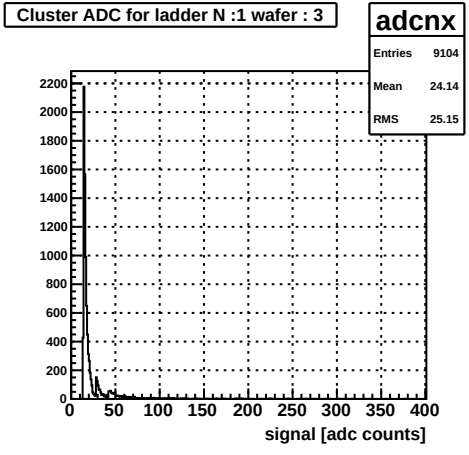

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 190
Mean 53.29
RMS 51.72
signal [adc counts]

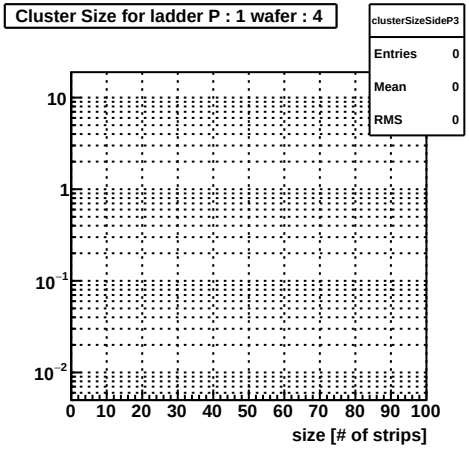

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

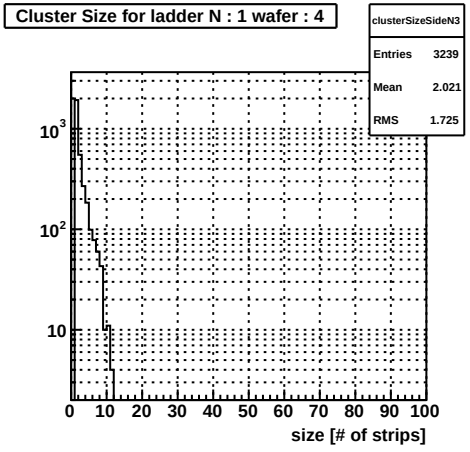

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 9104
Mean 1.23
RMS 0.5736
size [# of strips]

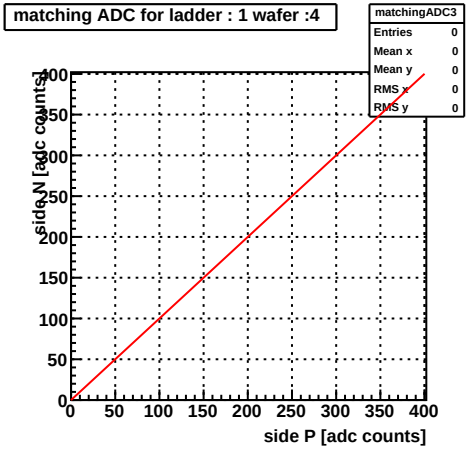

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

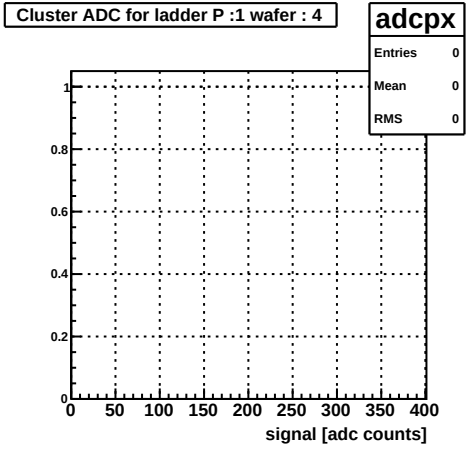

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

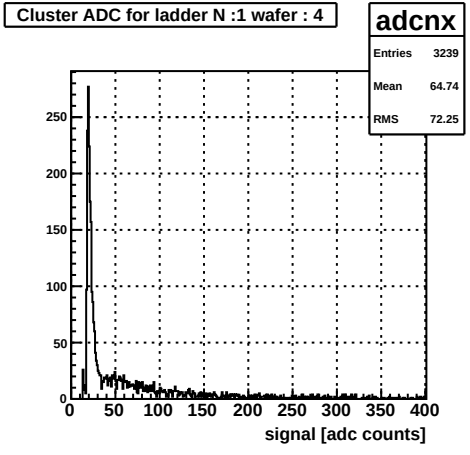

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 9104
Mean 24.14
RMS 25.15
signal [adc counts]

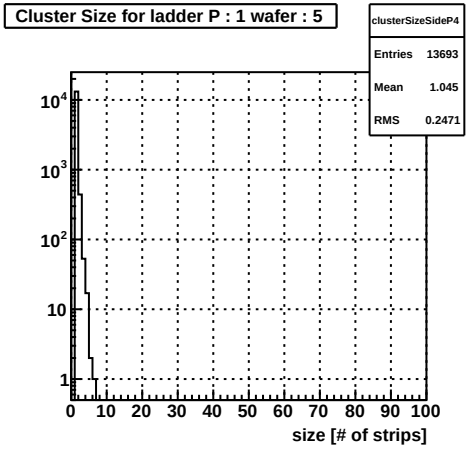

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

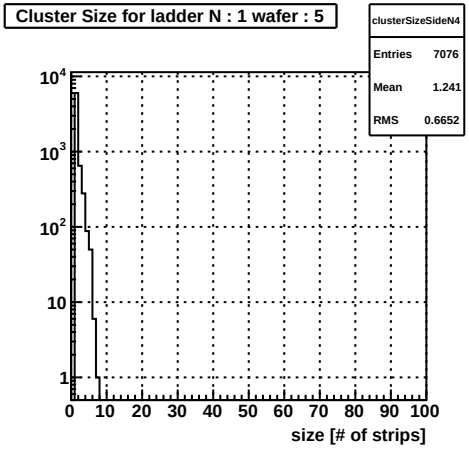

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3239
Mean 2.021
RMS 1.725
size [# of strips]

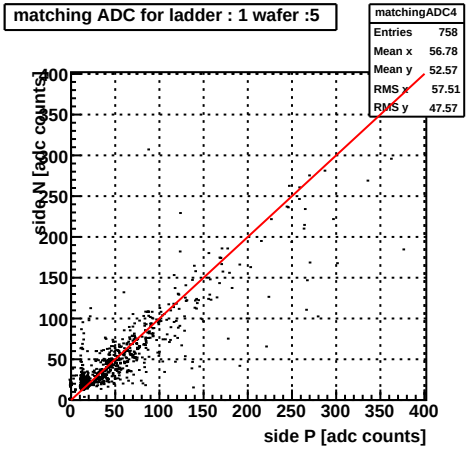

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

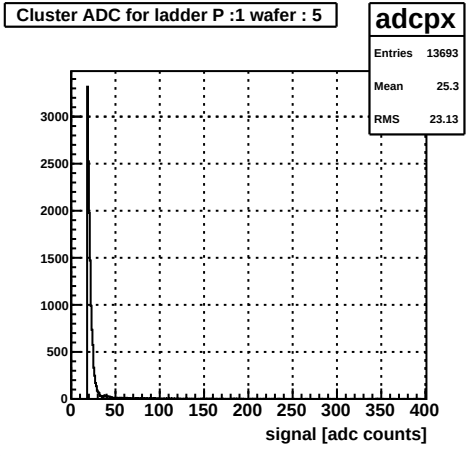

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

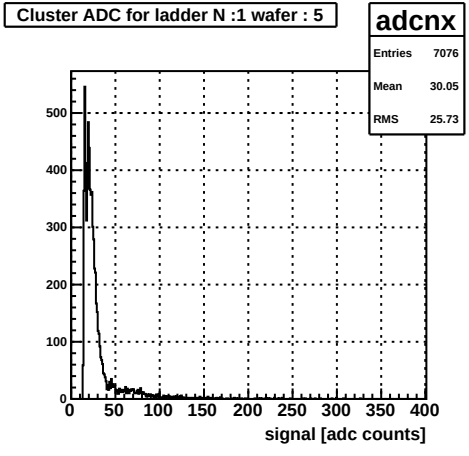

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3239
Mean 64.74
RMS 72.25
signal [adc counts]

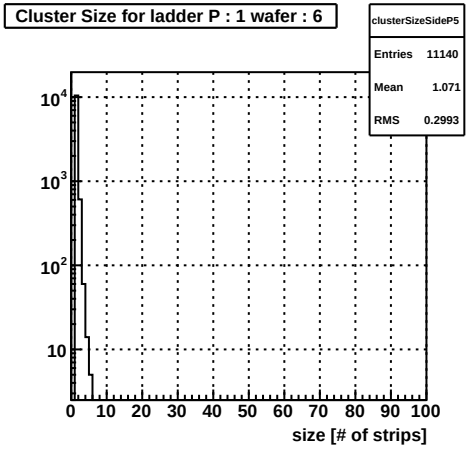

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 13693
Mean 1.045
RMS 0.2471
size [# of strips]

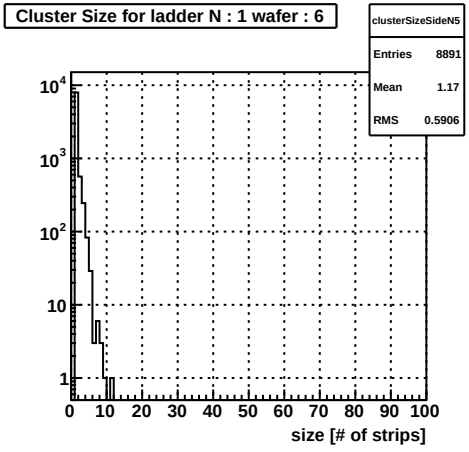

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 7076
Mean 1.241
RMS 0.6652
size [# of strips]

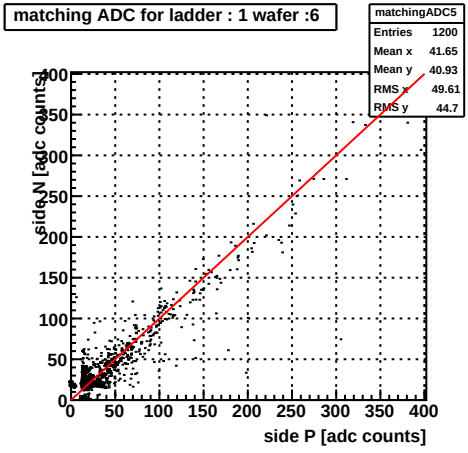

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 758
Mean x 56.78
Mean y 52.57
RMS x 57.51
RMS y 47.57
side N [adc counts]
side P [adc counts]

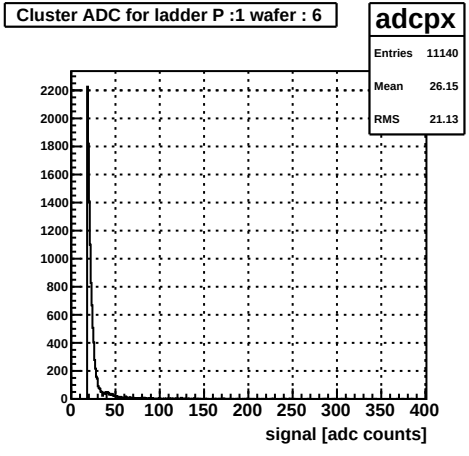

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 13693
Mean 25.3
RMS 23.13
signal [adc counts]

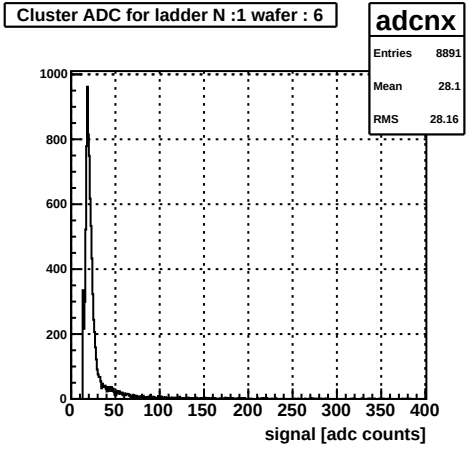

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 7076
Mean 30.05
RMS 25.73
signal [adc counts]

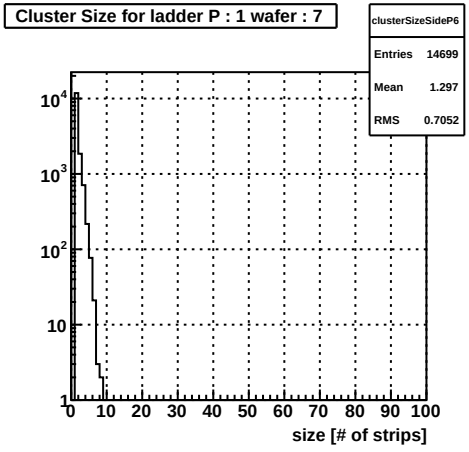

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 11140
Mean 1.071
RMS 0.2993
size [# of strips]

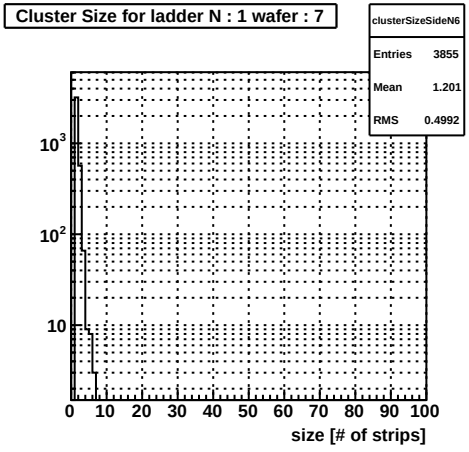

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 8891
Mean 1.17
RMS 0.5906
size [# of strips]

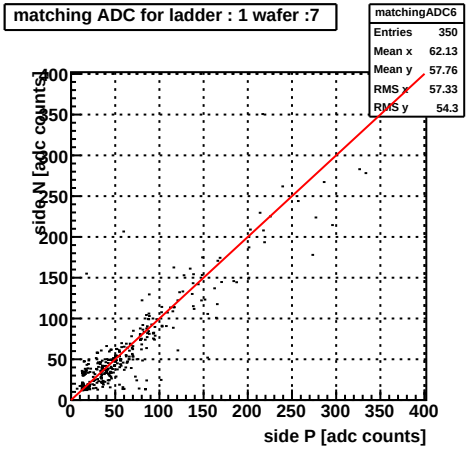

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1200
Mean x 41.65
Mean y 40.93
RMS x 49.61
RMS y 44.7
side N [adc counts]
side P [adc counts]

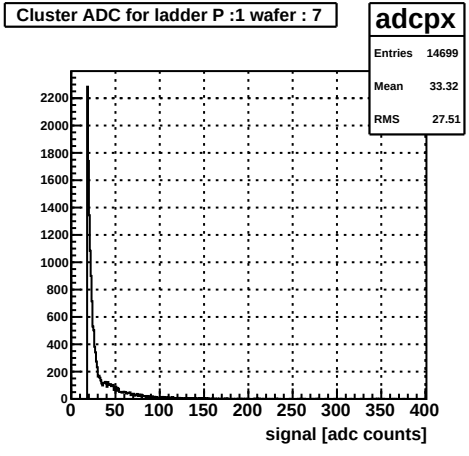

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 11140
Mean 26.15
RMS 21.13
signal [adc counts]

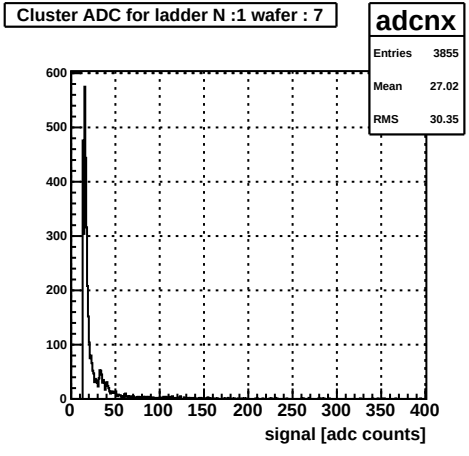

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 8891
Mean 28.1
RMS 28.16
signal [adc counts]

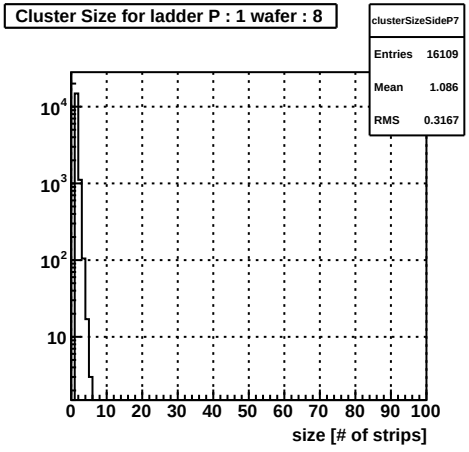

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 14699
Mean 1.297
RMS 0.7052
size [# of strips]

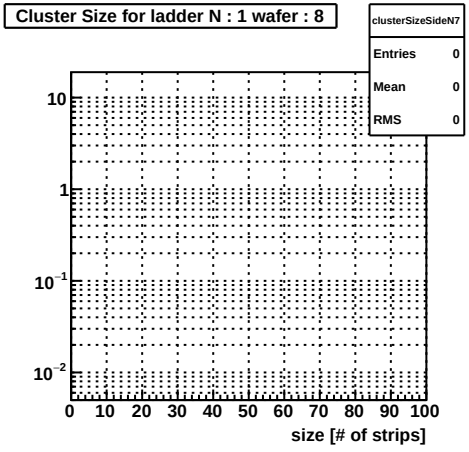

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 3855
Mean 1.201
RMS 0.4992
size [# of strips]

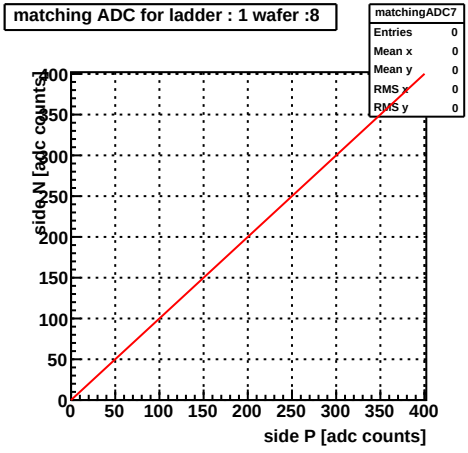

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 350
Mean x 62.13
Mean y 57.76
RMS x 57.33
RMS y 54.3
side N [adc counts]
side P [adc counts]

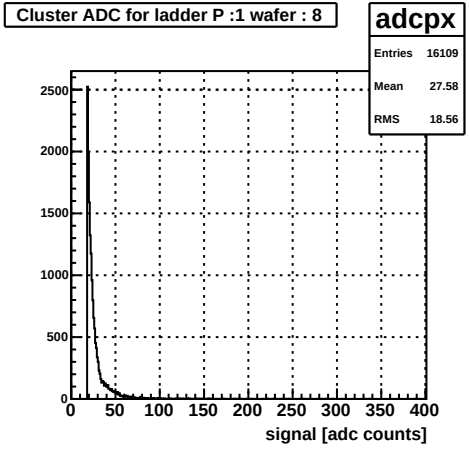

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 14699
Mean 33.32
RMS 27.51
signal [adc counts]

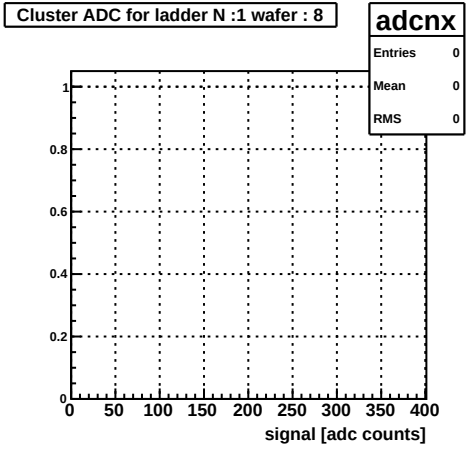

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 3855
Mean 27.02
RMS 30.35
signal [adc counts]

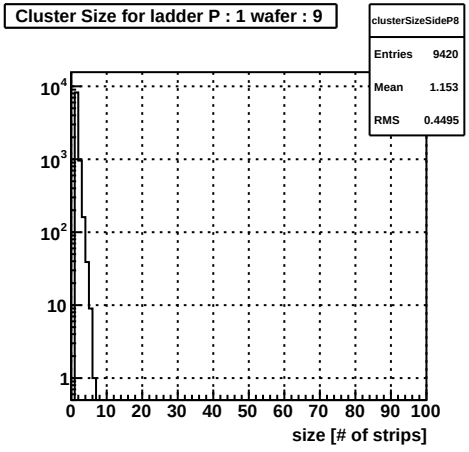

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 16109
Mean 1.086
RMS 0.3167
size [# of strips]

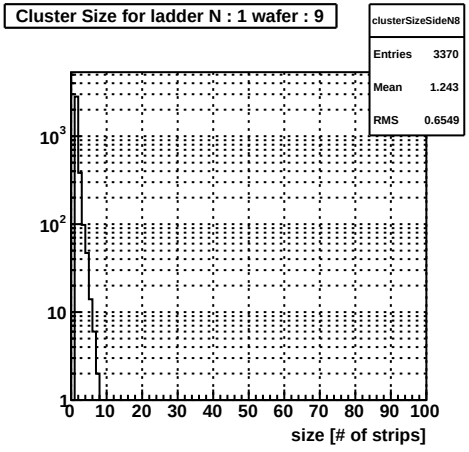

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 0
Mean 0
RMS 0
size [# of strips]

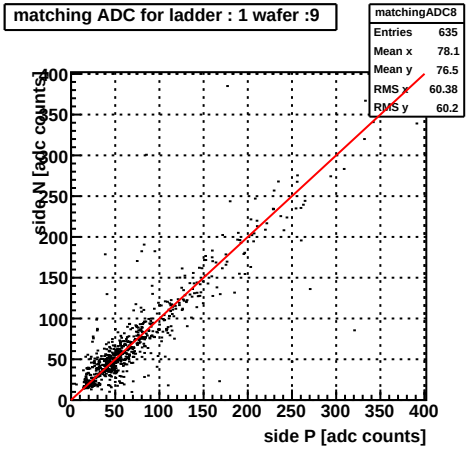

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

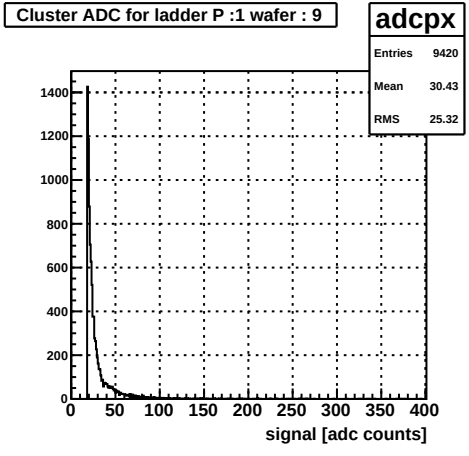

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 16109
Mean 27.58
RMS 18.56
signal [adc counts]

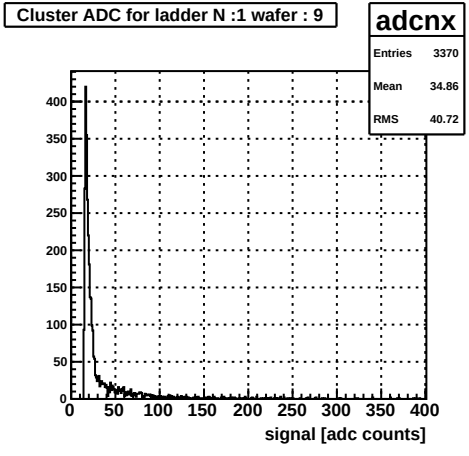

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

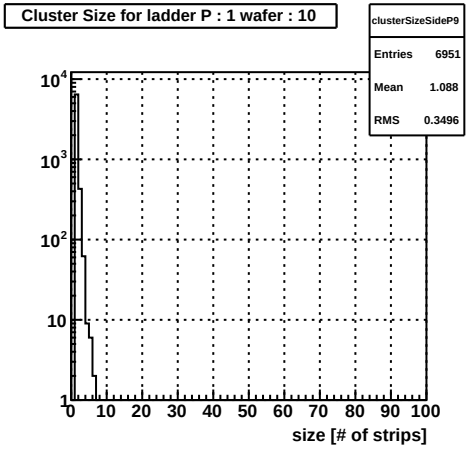

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 9420
Mean 1.153
RMS 0.4495
size [# of strips]

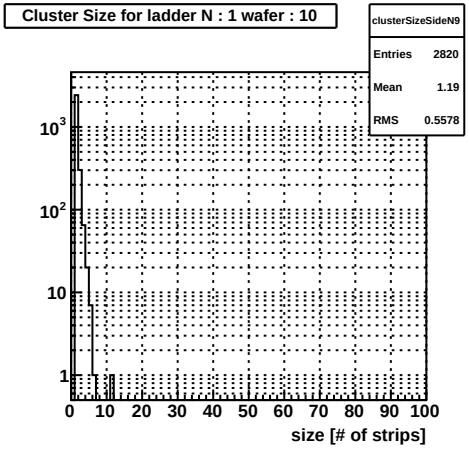

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3370
Mean 1.243
RMS 0.6549
size [# of strips]

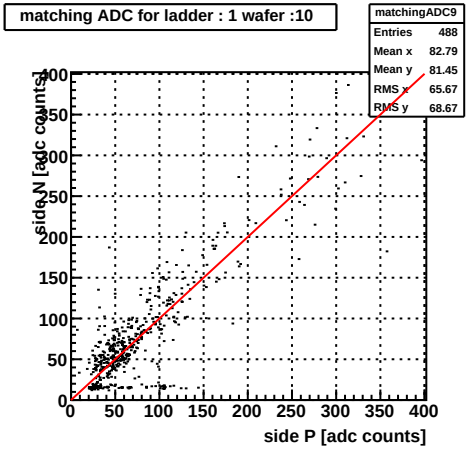

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 635
Mean x 78.1
Mean y 76.5
RMS x 60.38
RMS y 60.2
side N [adc counts]
side P [adc counts]

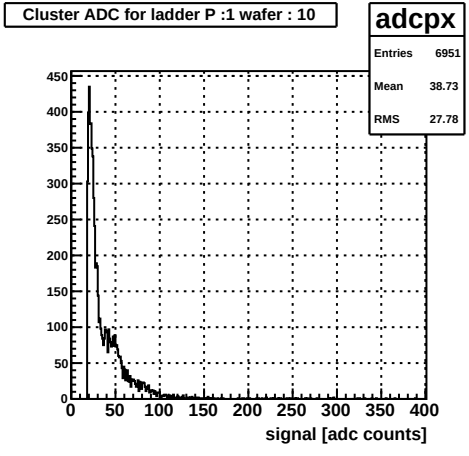

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 9420
Mean 30.43
RMS 25.32
signal [adc counts]

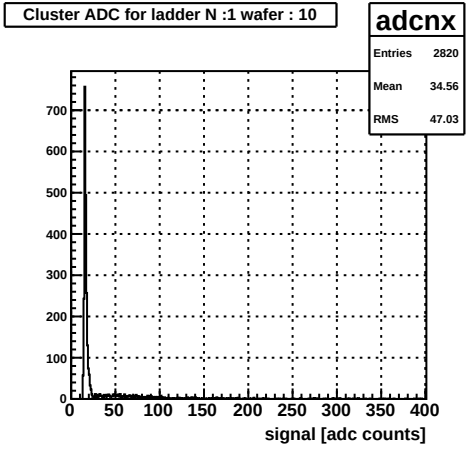

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3370
Mean 34.86
RMS 40.72
signal [adc counts]

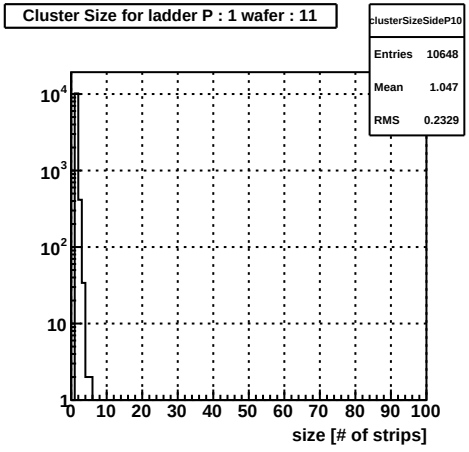

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6951
Mean 1.088
RMS 0.3496
size [# of strips]

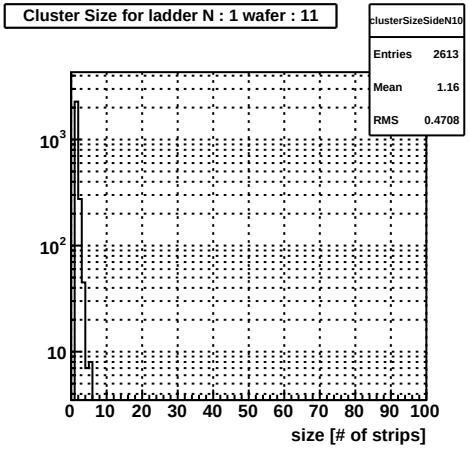

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2820
Mean 1.19
RMS 0.5578
size [# of strips]

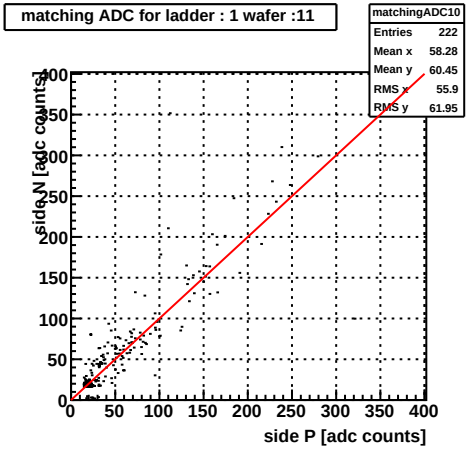

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 488
Mean x 82.79
Mean y 81.45
RMS x 65.67
RMS y 68.67
side N [adc counts]
side P [adc counts]

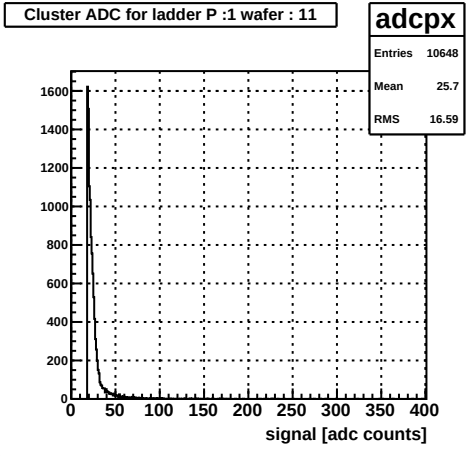

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6951
Mean 38.73
RMS 27.78
signal [adc counts]

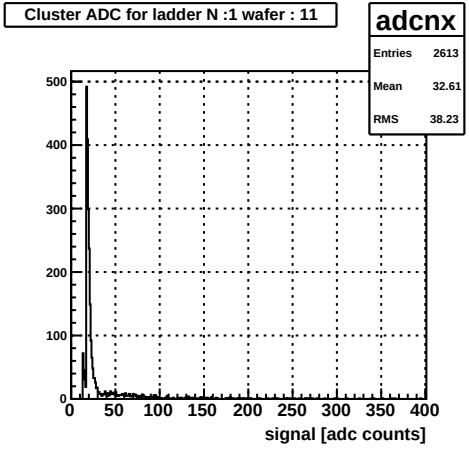

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2820
Mean 34.56
RMS 47.03
signal [adc counts]

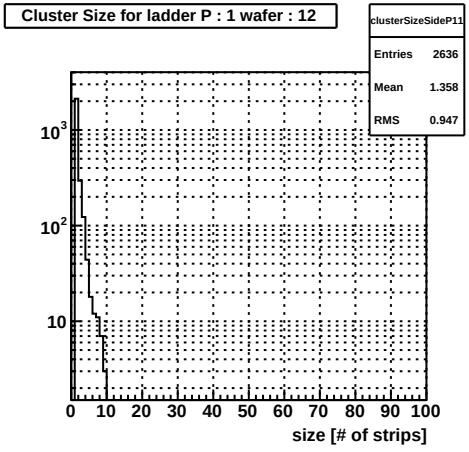

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10648
Mean 1.047
RMS 0.2329
size [# of strips]

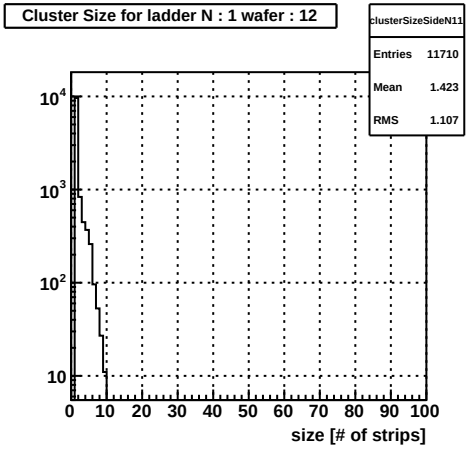

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2613
Mean 1.16
RMS 0.4708
size [# of strips]

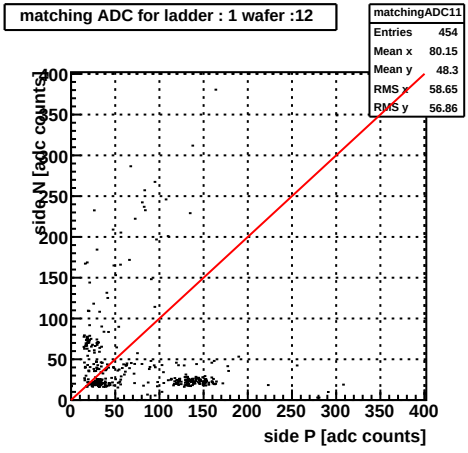

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 222
Mean x 58.28
Mean y 60.45
RMS x 55.9
RMS y 61.95
side N [adc counts]
side P [adc counts]

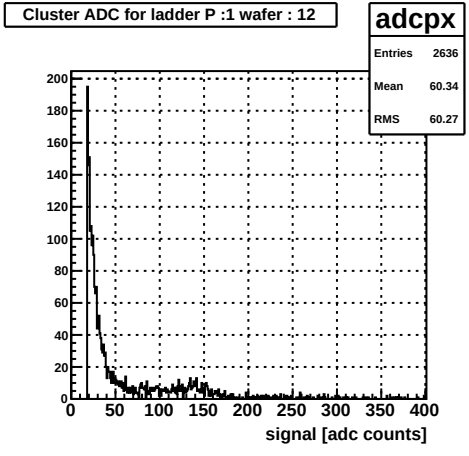

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10648
Mean 25.7
RMS 16.59
signal [adc counts]

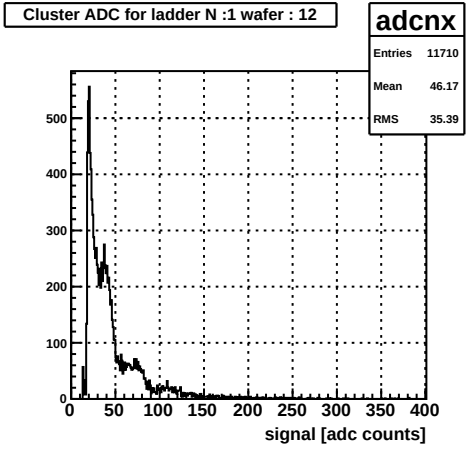

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2613
Mean 32.61
RMS 38.23
signal [adc counts]

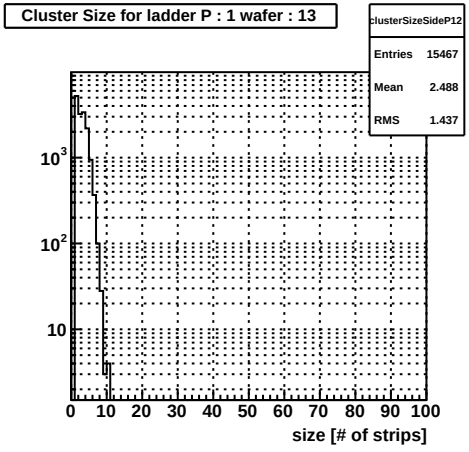

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2636
Mean 1.358
RMS 0.947
size [# of strips]

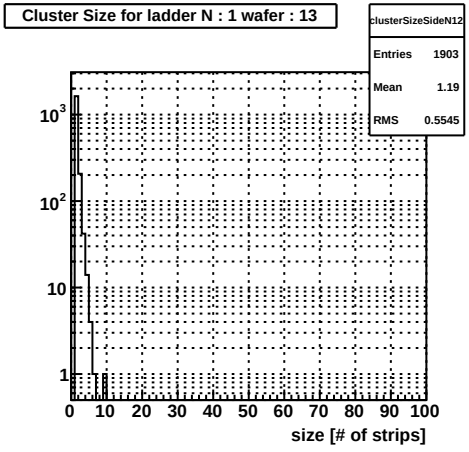

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 11710
Mean 1.423
RMS 1.107
size [# of strips]

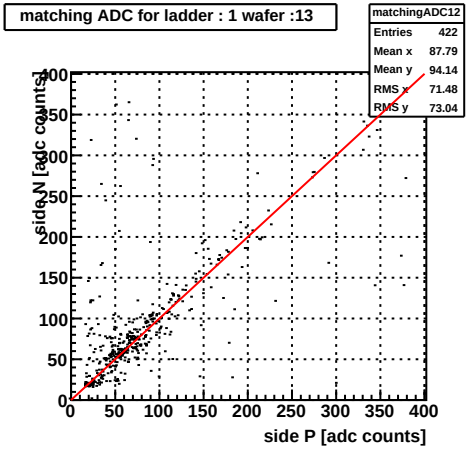

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 454
Mean x 80.15
Mean y 48.3
RMS x 58.65
RMS y 56.86
side N [adc counts]
side P [adc counts]

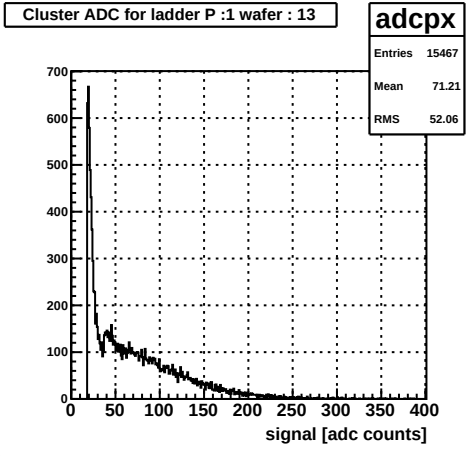

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2636
Mean 60.34
RMS 60.27
signal [adc counts]

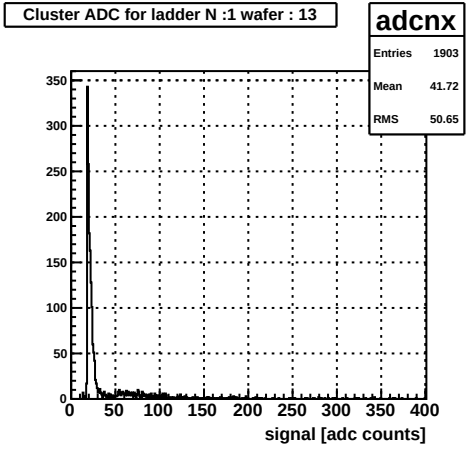

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 11710
Mean 46.17
RMS 35.39
signal [adc counts]

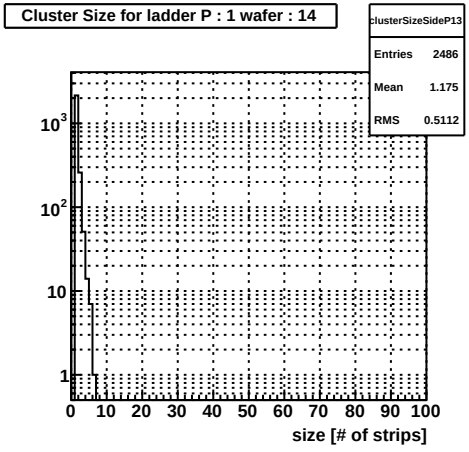

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 15467
Mean 2.488
RMS 1.437
size [# of strips]

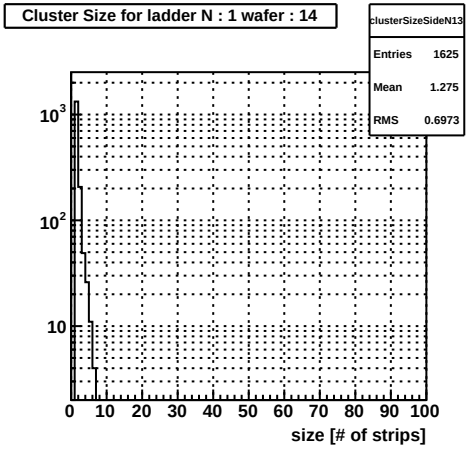

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1903
Mean 1.19
RMS 0.5545
size [# of strips]

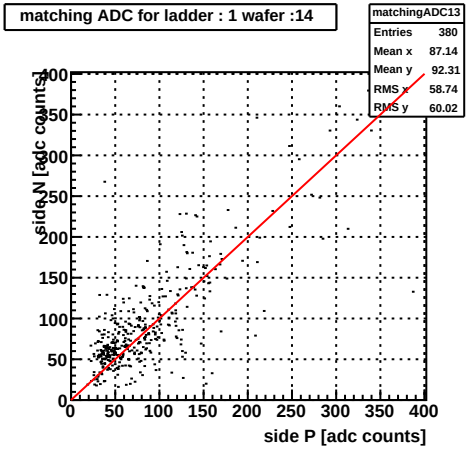

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 422
Mean x 87.79
Mean y 94.14
RMS x 71.48
RMS y 73.04
side N [adc counts]
side P [adc counts]

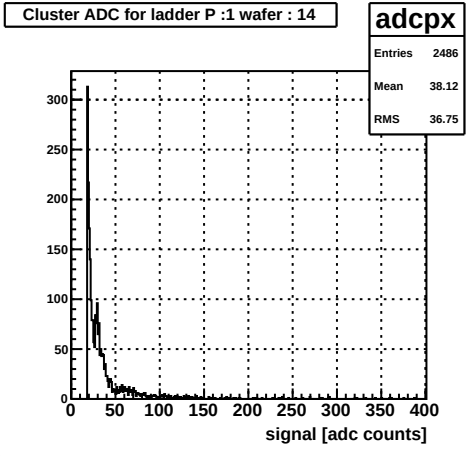

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 15467
Mean 71.21
RMS 52.06
signal [adc counts]

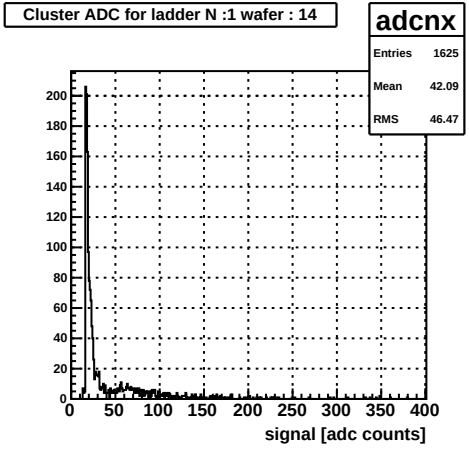

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1903
Mean 41.72
RMS 50.65
signal [adc counts]

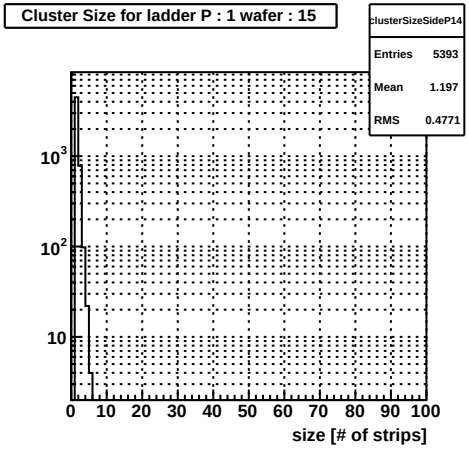

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2486
Mean 1.175
RMS 0.5112
size [# of strips]

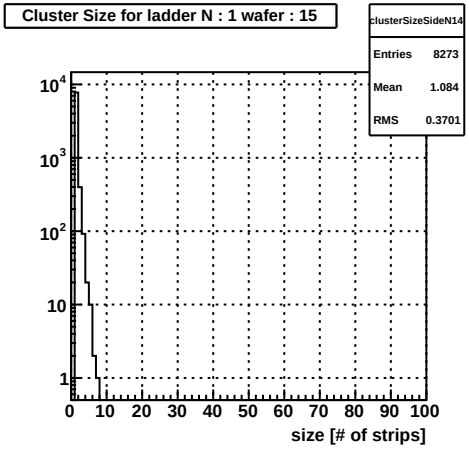

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1625
Mean 1.275
RMS 0.6973
size [# of strips]

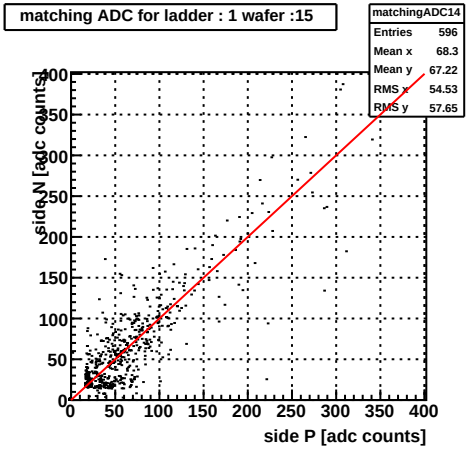

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 380
Mean x 87.14
Mean y 92.31
RMS x 58.74
RMS y 60.02
side N [adc counts]
side P [adc counts]

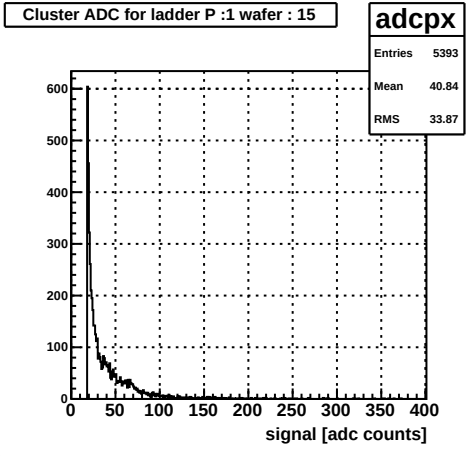

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2486
Mean 38.12
RMS 36.75
signal [adc counts]

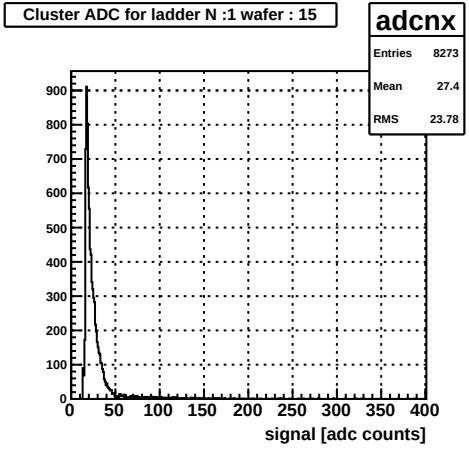

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1625
Mean 42.09
RMS 46.47
signal [adc counts]

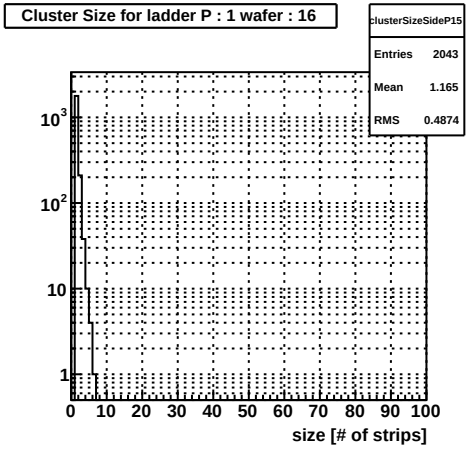

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 5393
Mean 1.197
RMS 0.4771
size [# of strips]

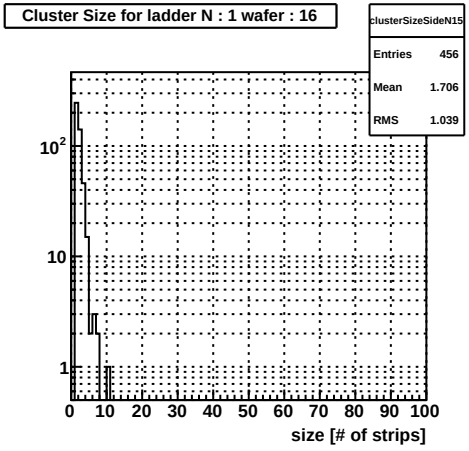

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 8273
Mean 1.084
RMS 0.3701
size [# of strips]

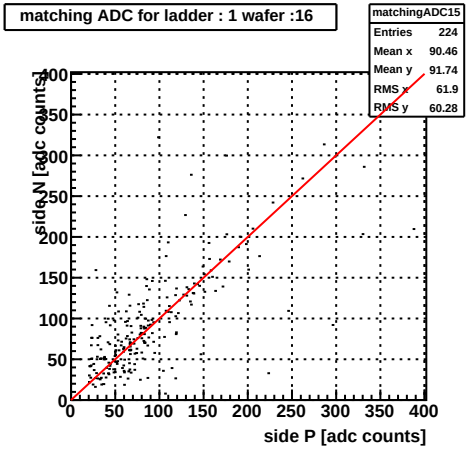

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 596
Mean x 68.3
Mean y 67.22
RMS x 54.53
RMS y 57.65
side N [adc counts]
side P [adc counts]

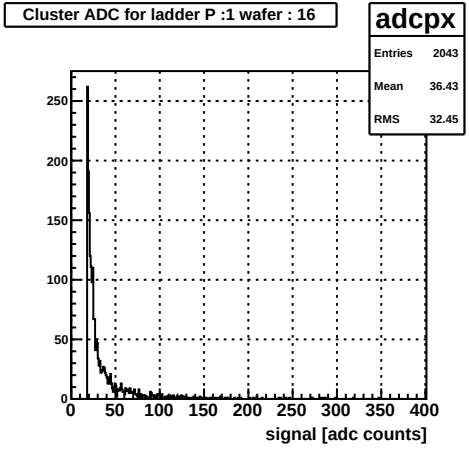

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 5393
Mean 40.84
RMS 33.87
signal [adc counts]

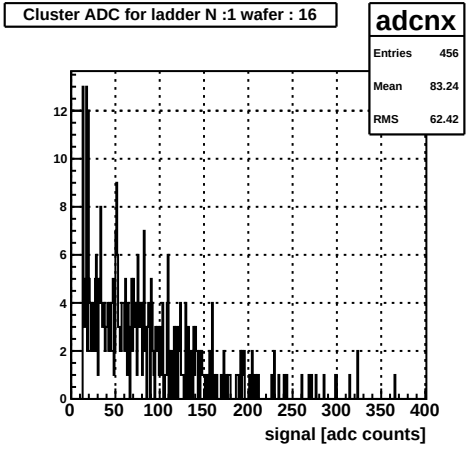

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 8273
Mean 27.4
RMS 23.78
signal [adc counts]

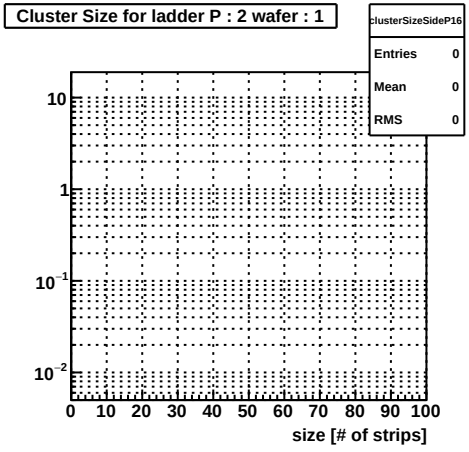

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2043
Mean 1.165
RMS 0.4874
size [# of strips]

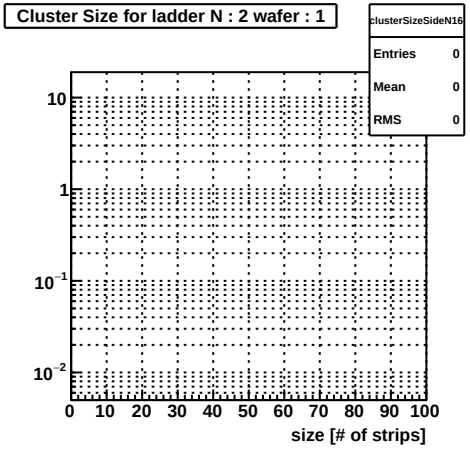

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 456
Mean 1.706
RMS 1.039
size [# of strips]

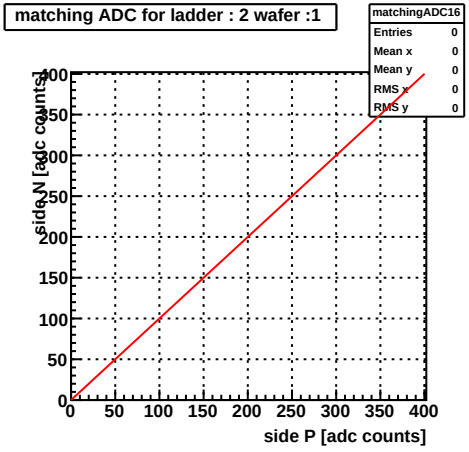

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 224
Mean x 90.46
Mean y 91.74
RMS x 61.9
RMS y 60.28
side N [adc counts]
side P [adc counts]

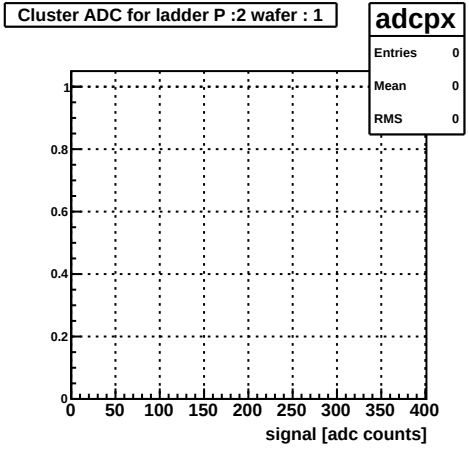

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2043
Mean 36.43
RMS 32.45
signal [adc counts]

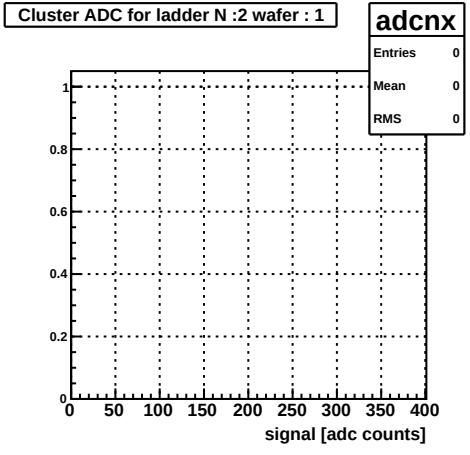

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 456
Mean 83.24
RMS 62.42
signal [adc counts]

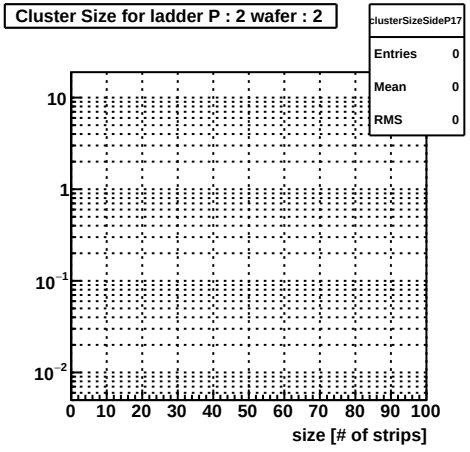

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

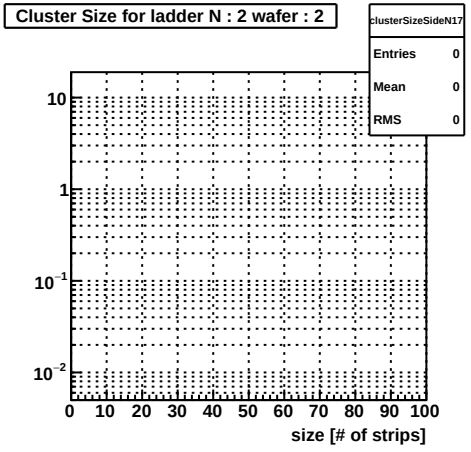

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

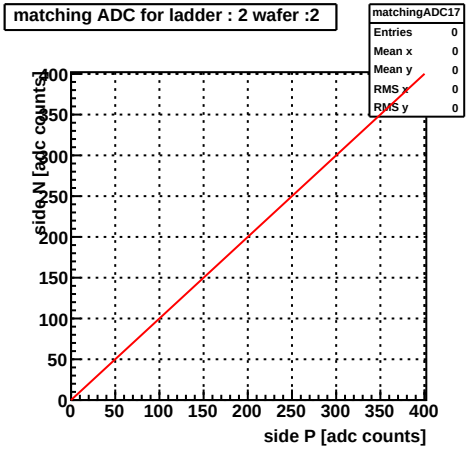

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

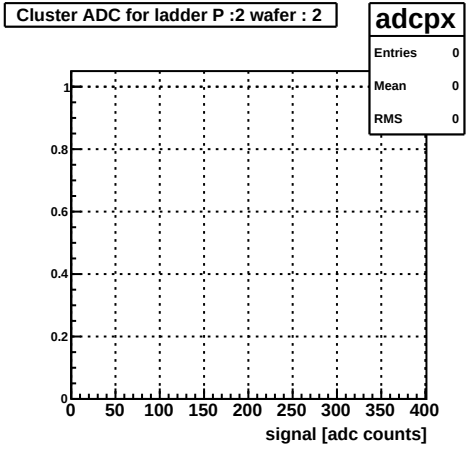

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

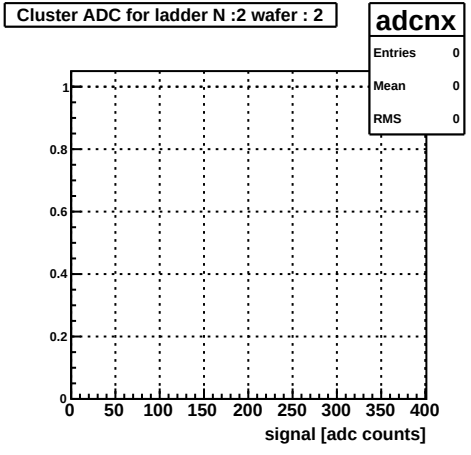

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

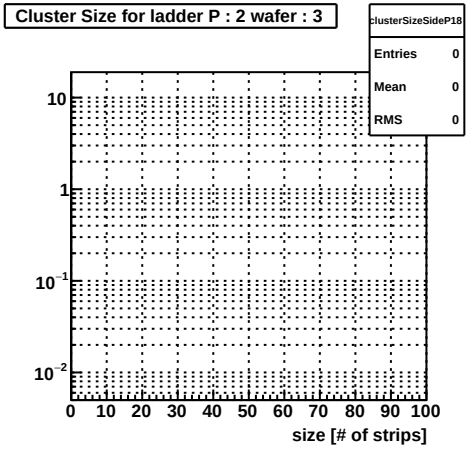

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

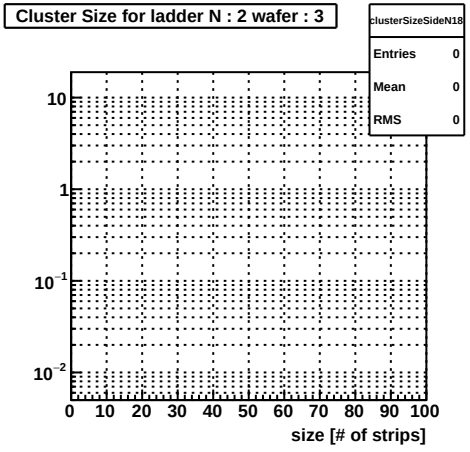

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

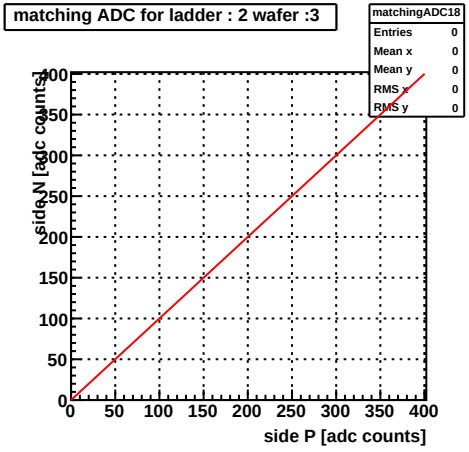

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

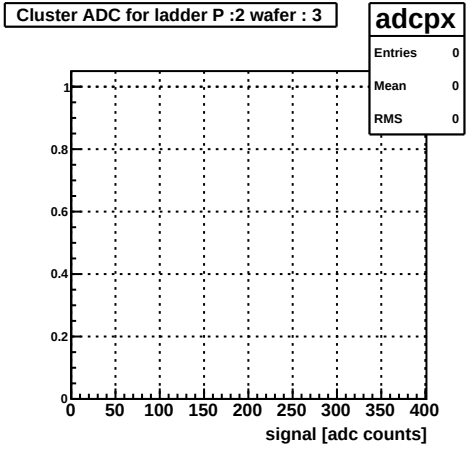

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

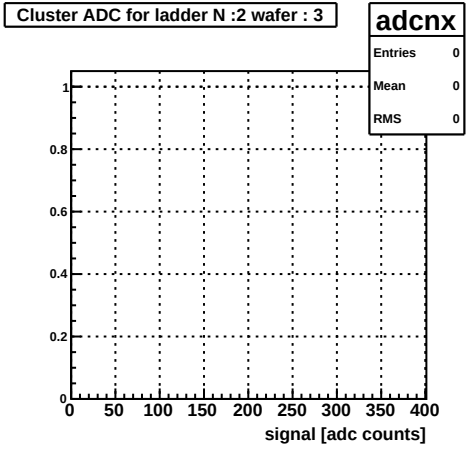

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

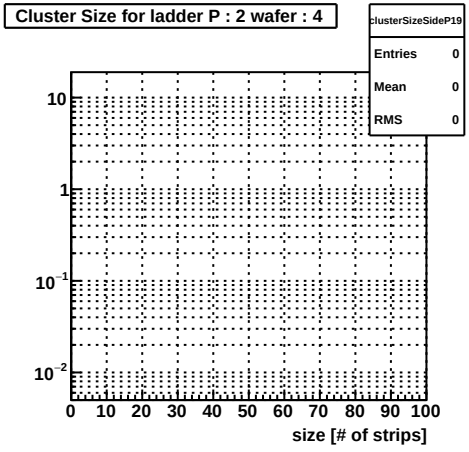

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

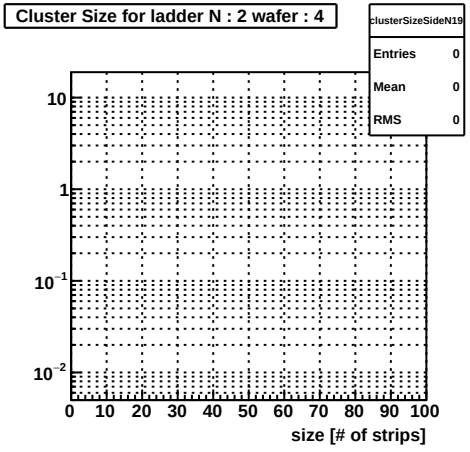

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

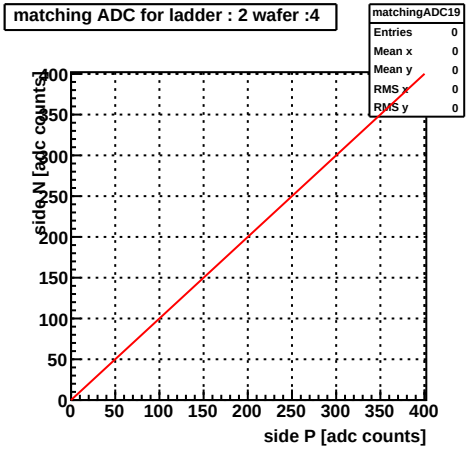

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

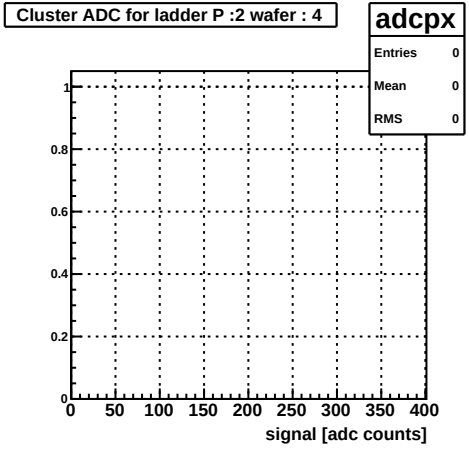

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

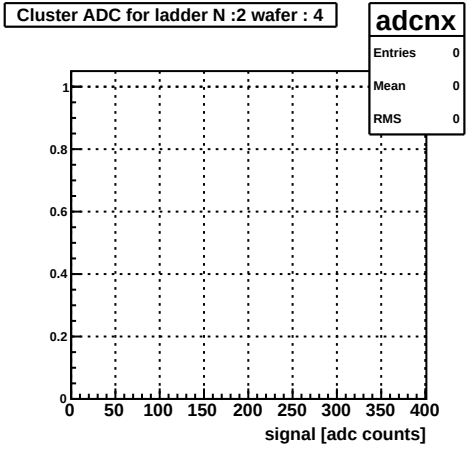

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

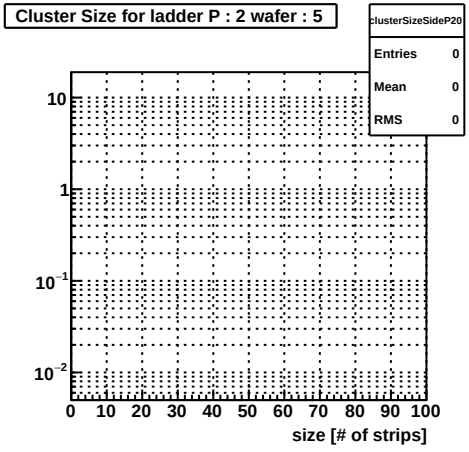

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

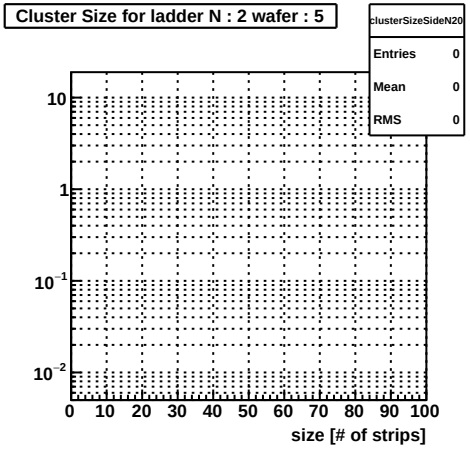

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

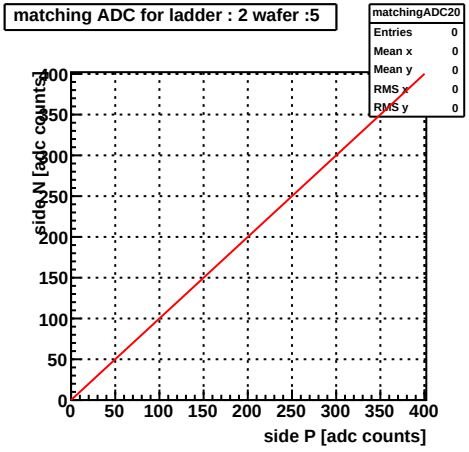

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

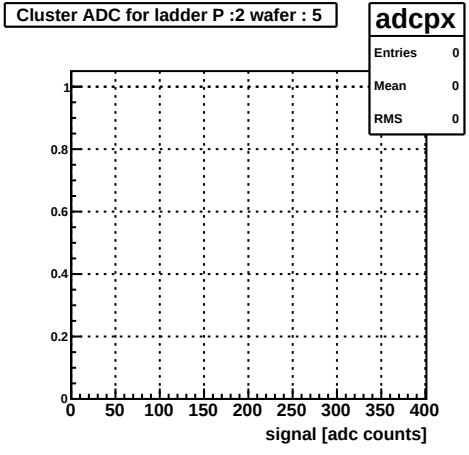

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

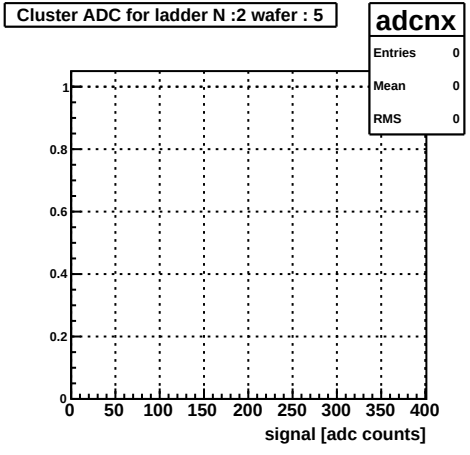

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

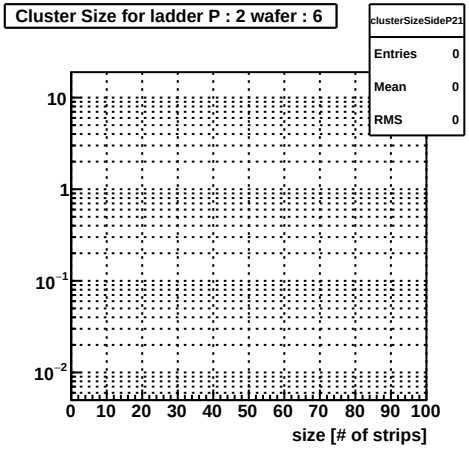

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

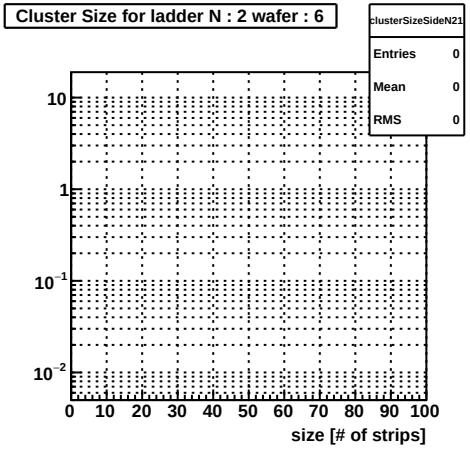

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

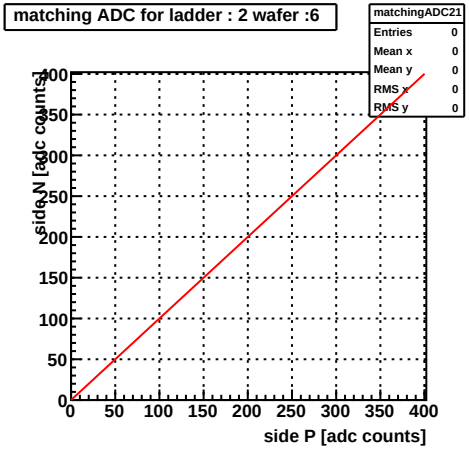

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

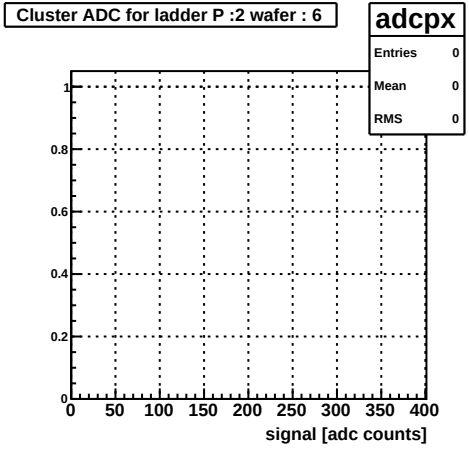

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

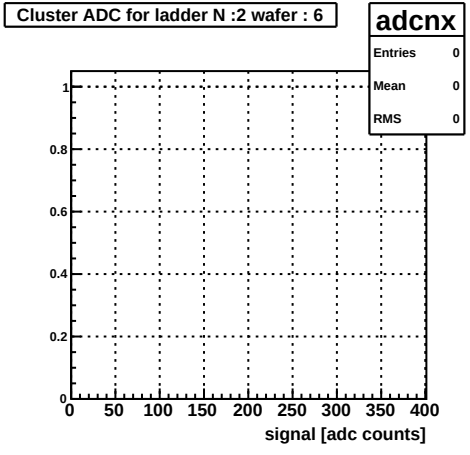

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

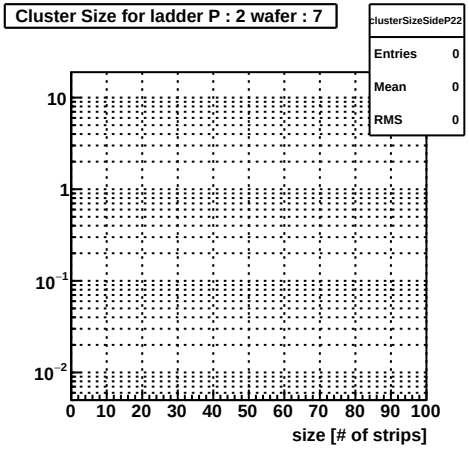

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

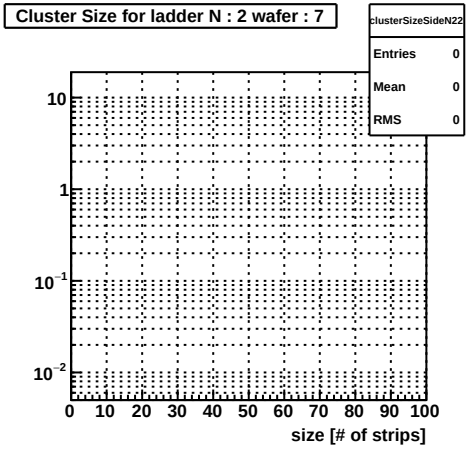

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

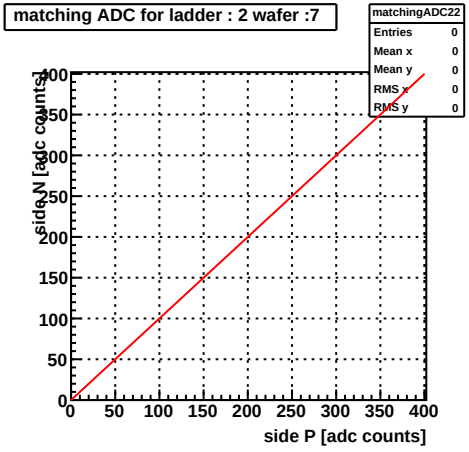

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

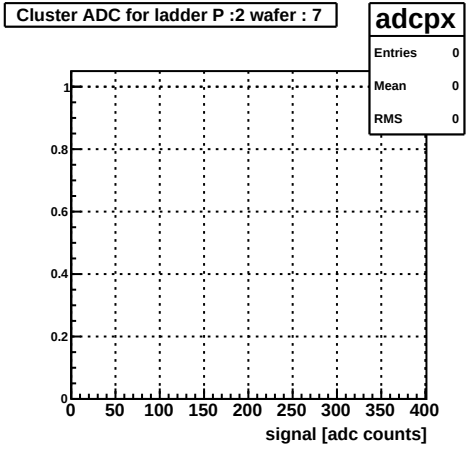

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

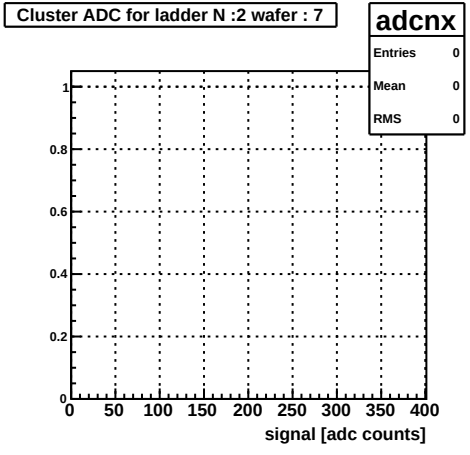

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

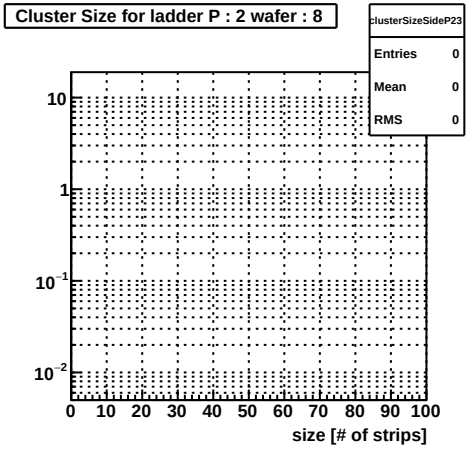

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

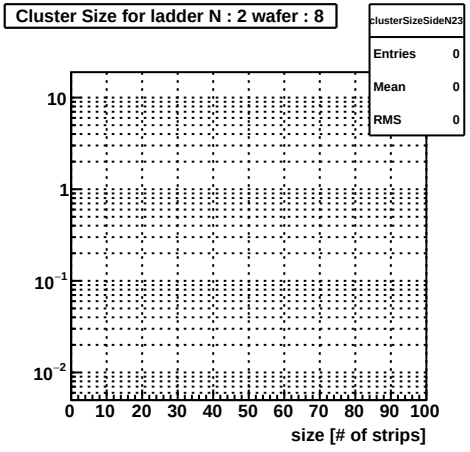

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

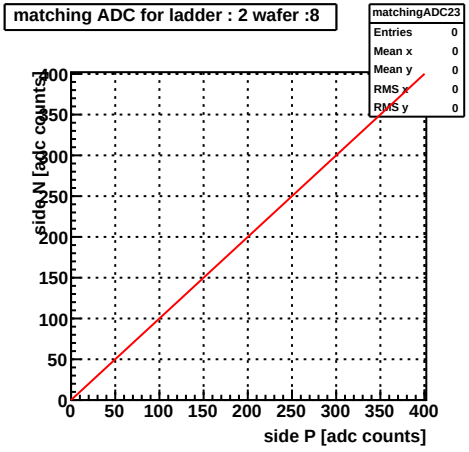

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

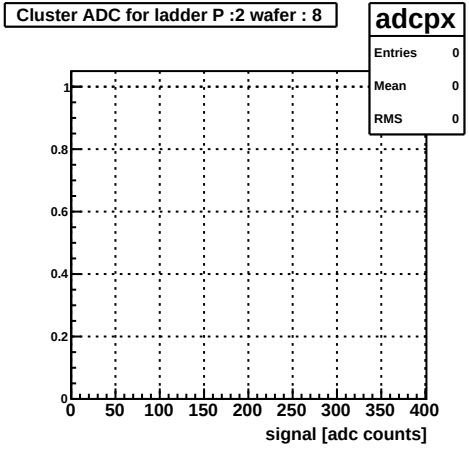

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

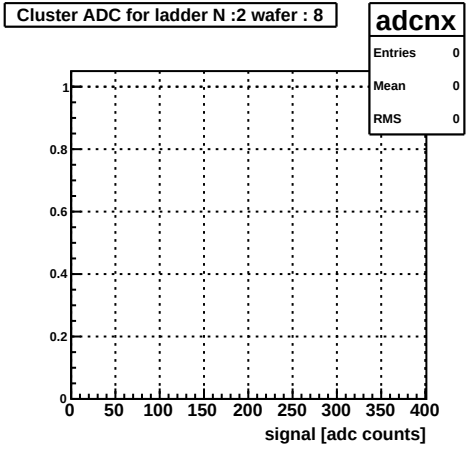

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

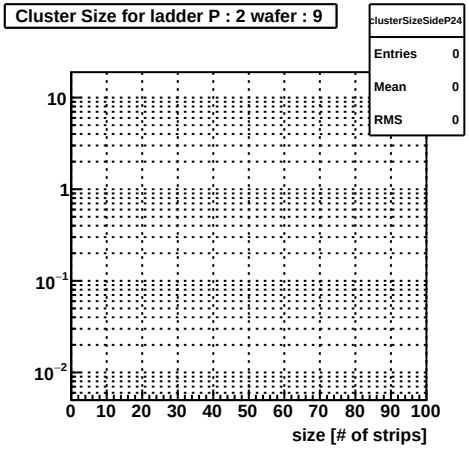

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

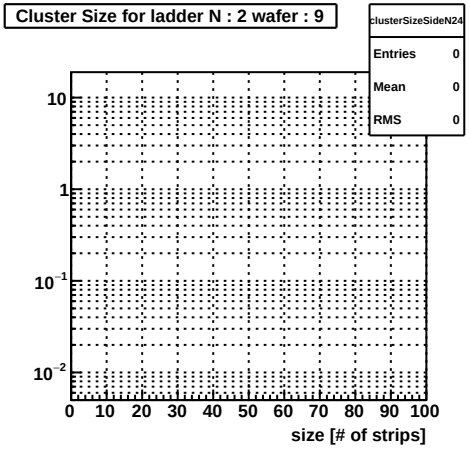

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

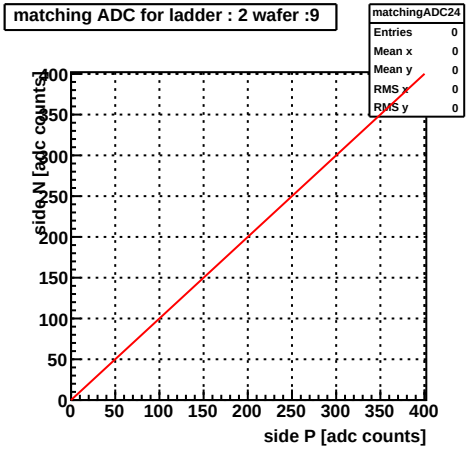

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

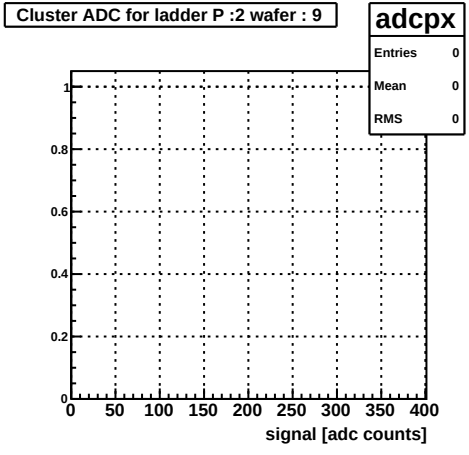

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

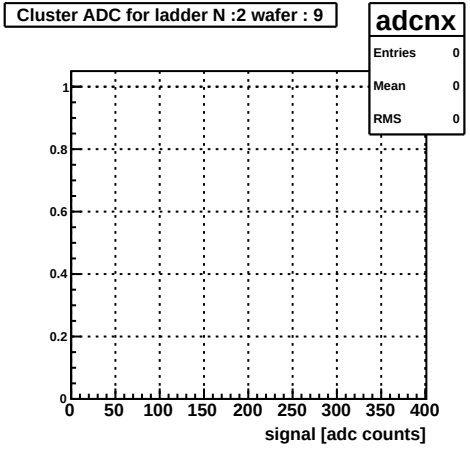

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

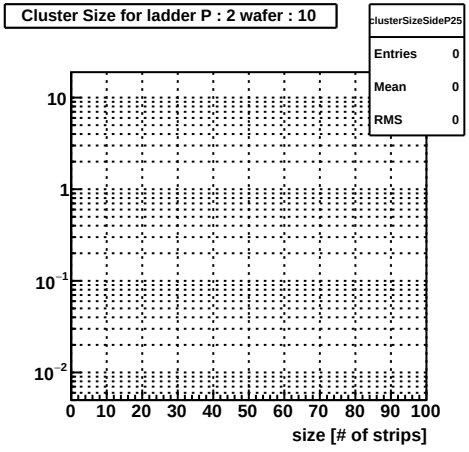

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

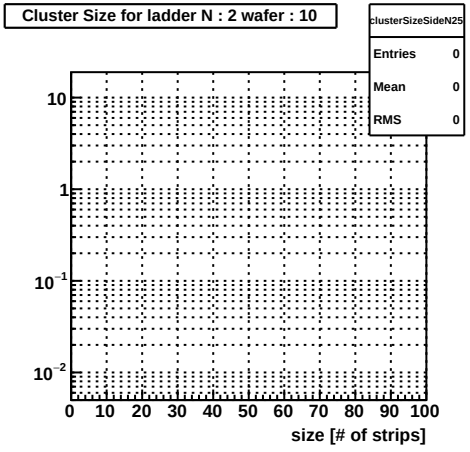

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

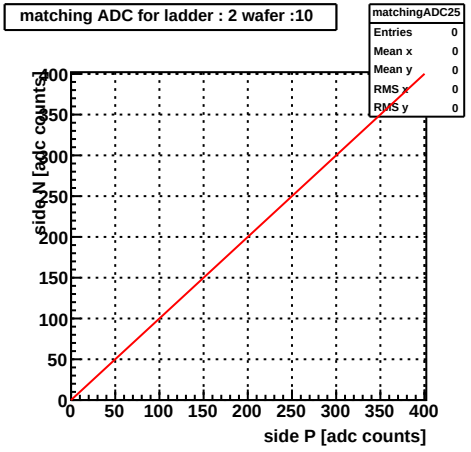

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

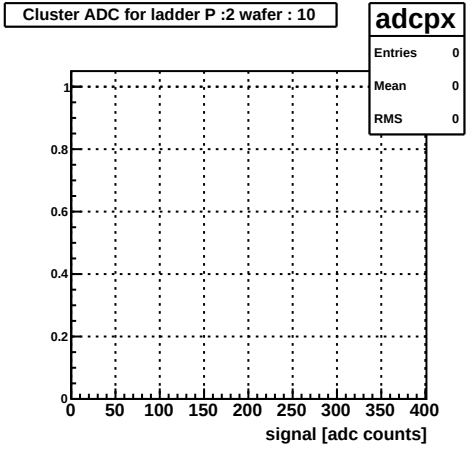

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

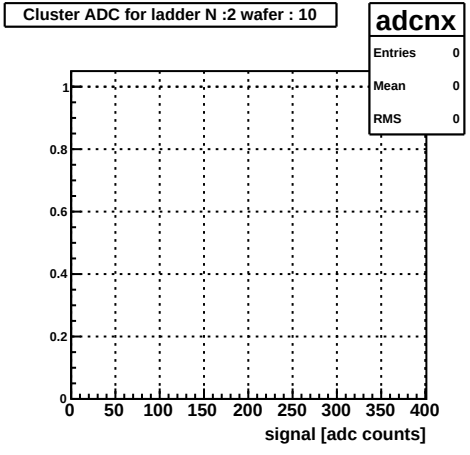

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

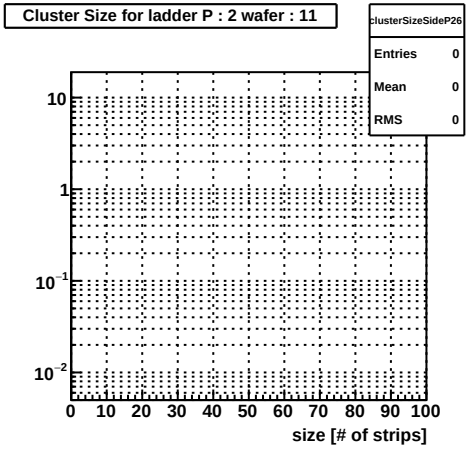

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

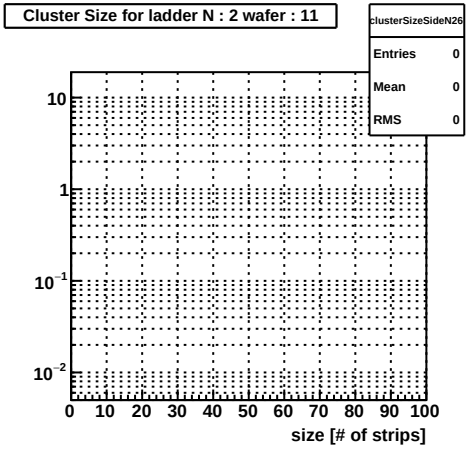

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

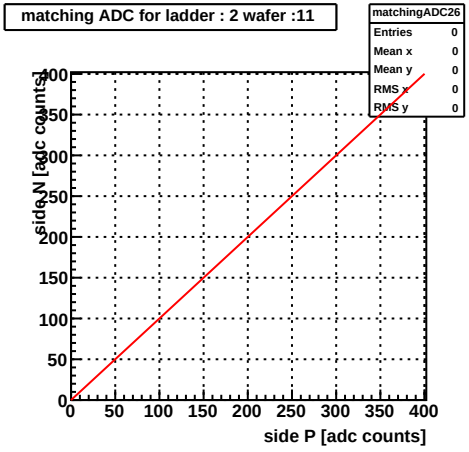

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

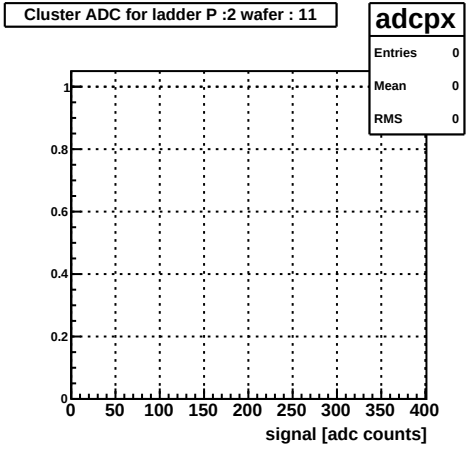

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

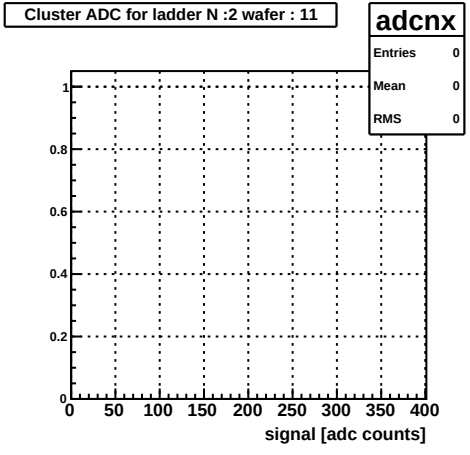

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

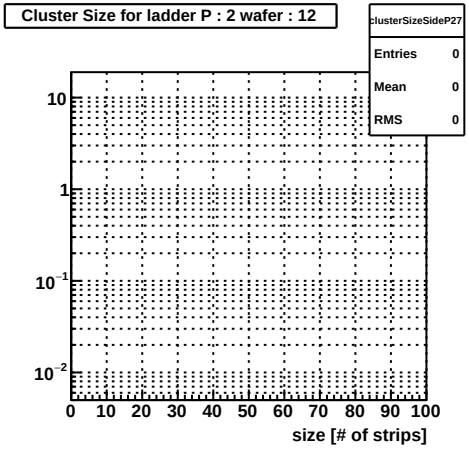

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

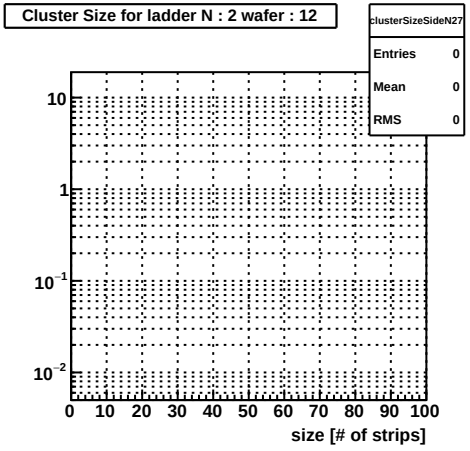

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

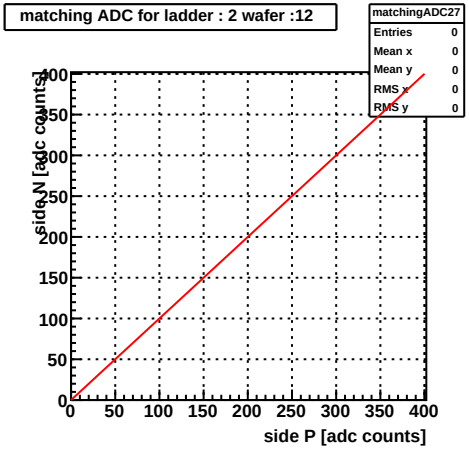

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

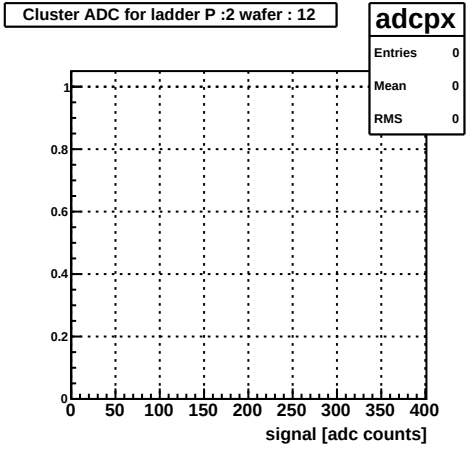

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

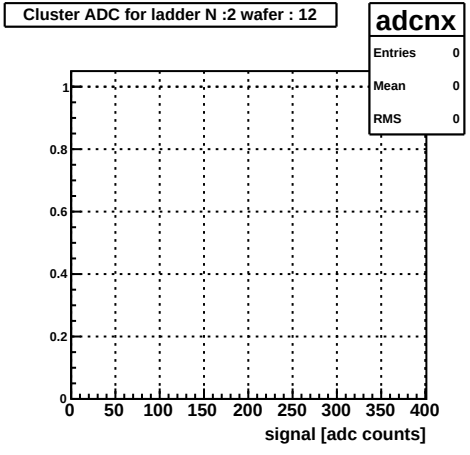

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

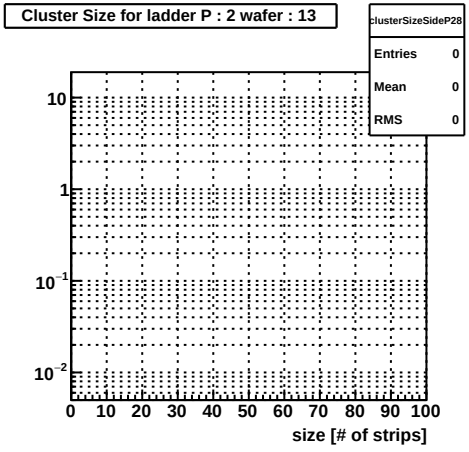

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

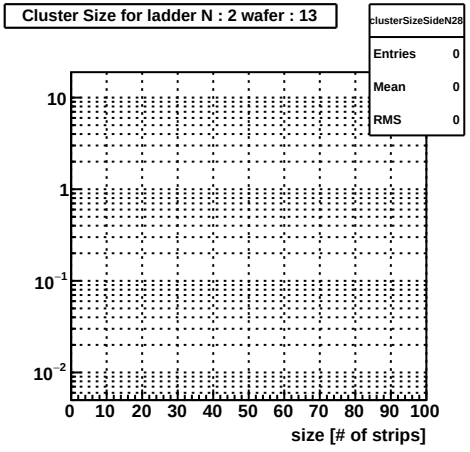

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

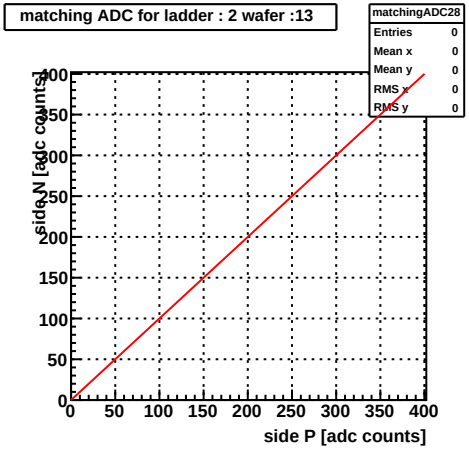

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

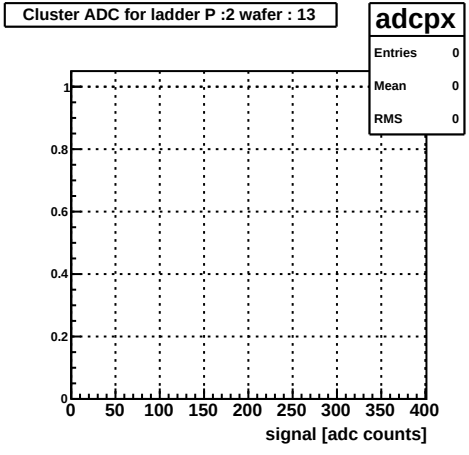

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

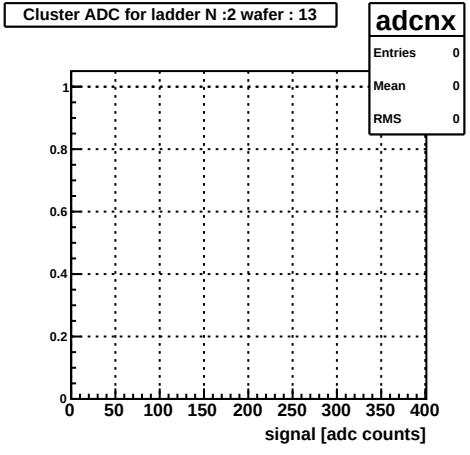

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

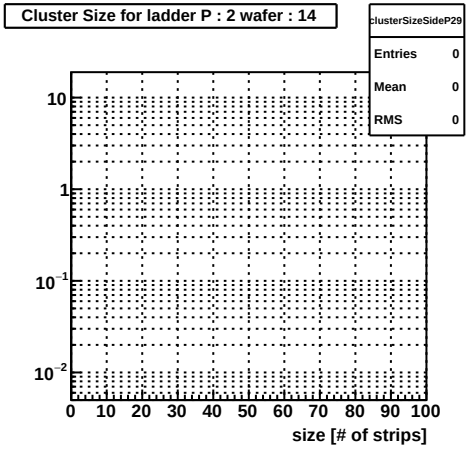

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

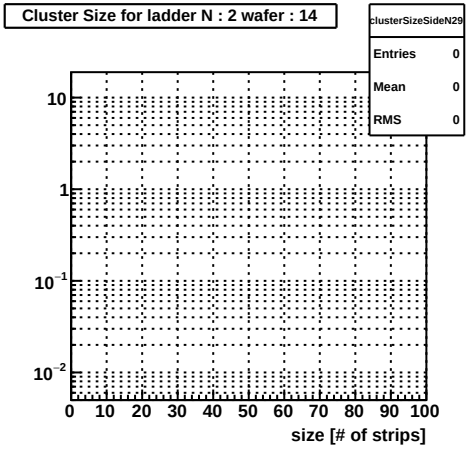

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

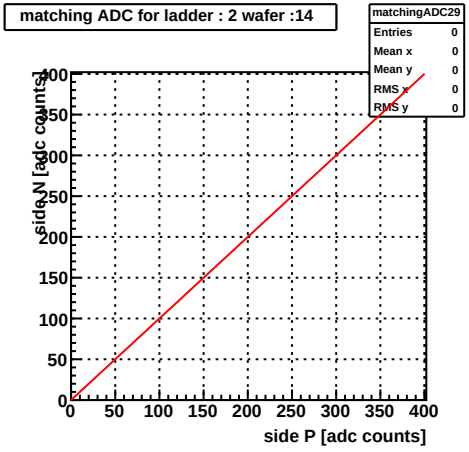

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

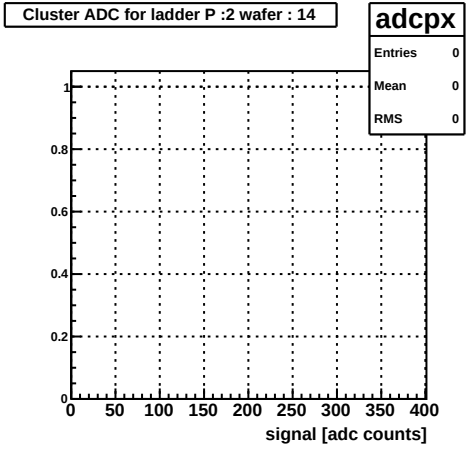

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

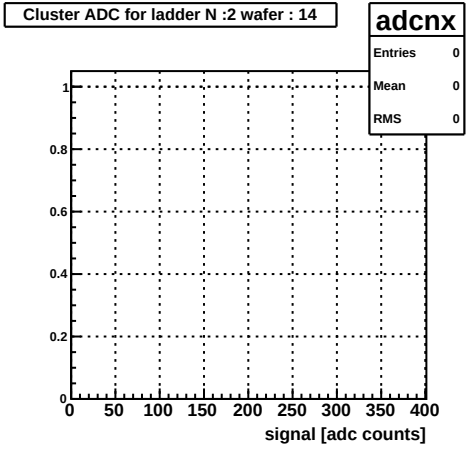

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

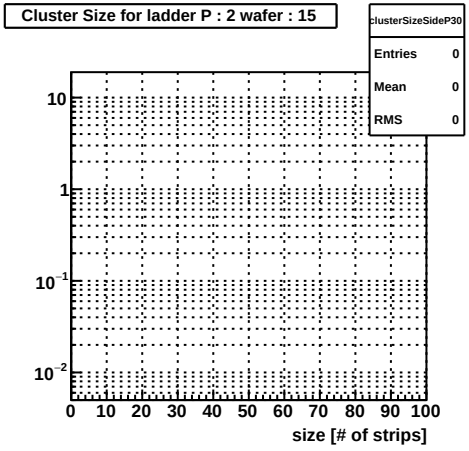

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

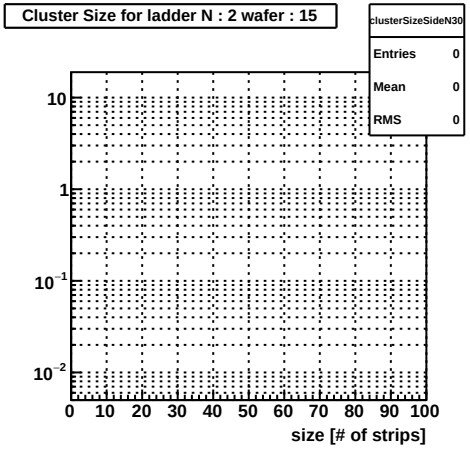

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

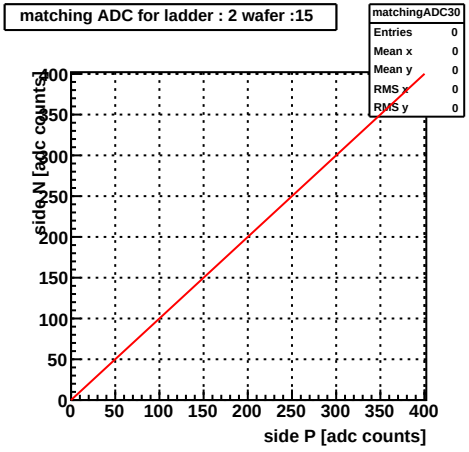

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

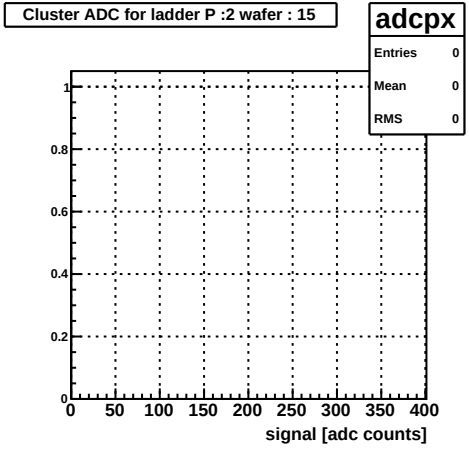

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

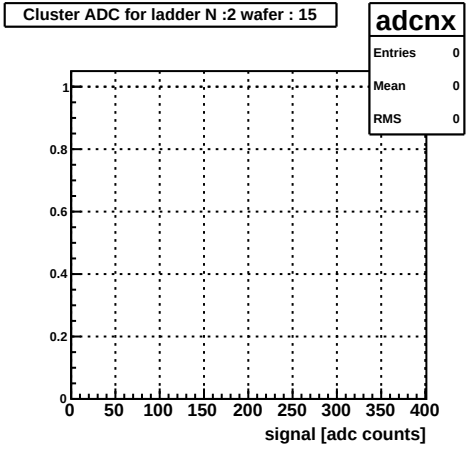

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

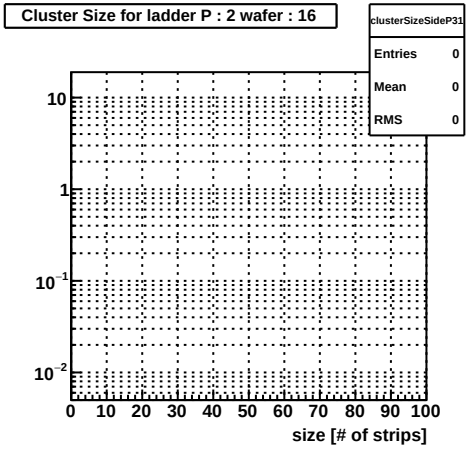

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

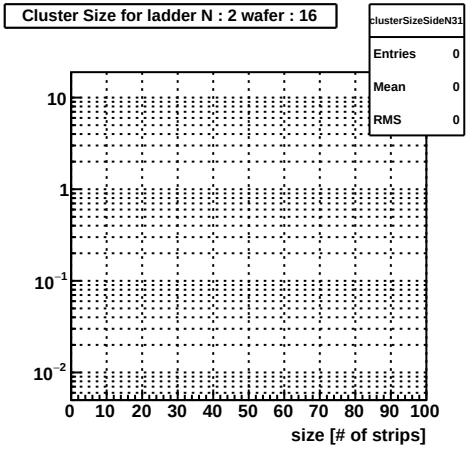

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

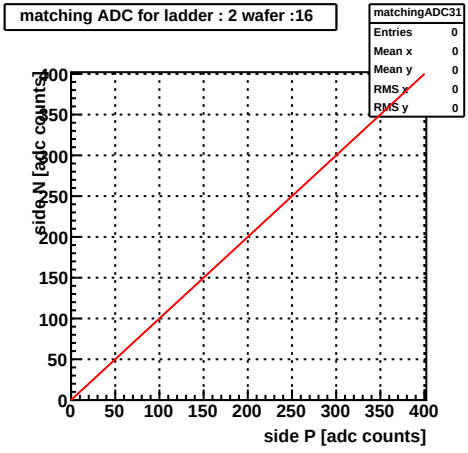

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

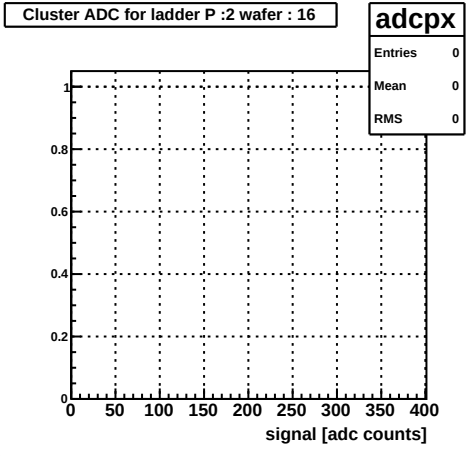

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

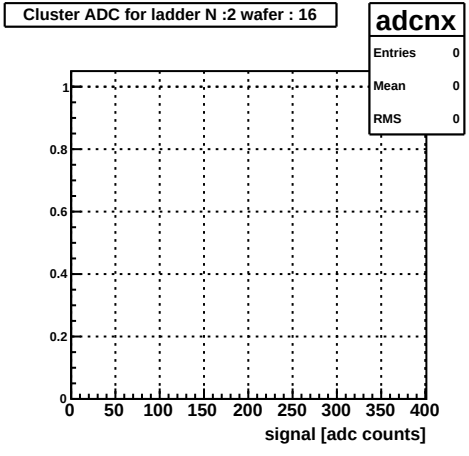

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

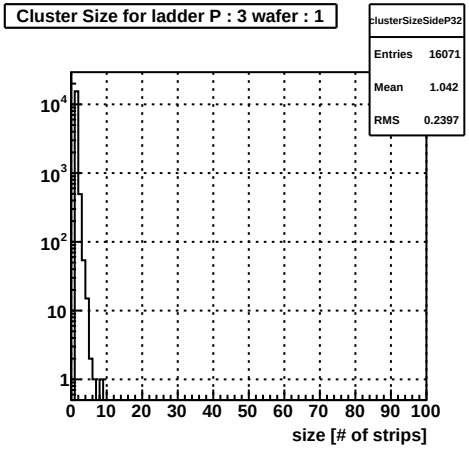

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

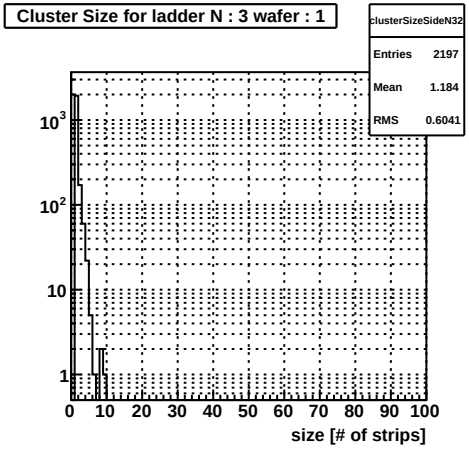

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

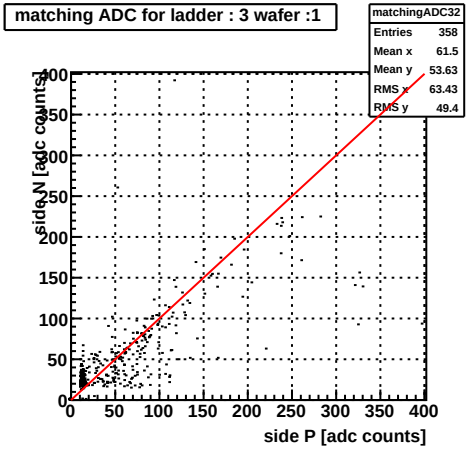

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

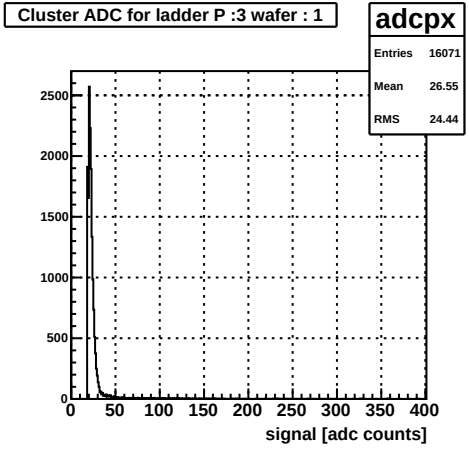

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

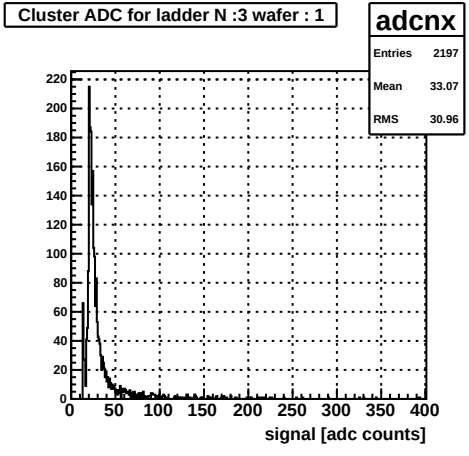

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

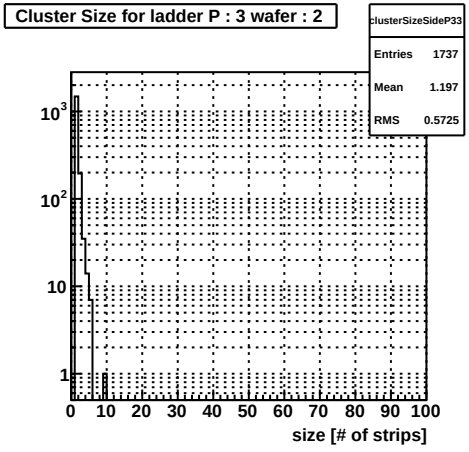

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16071
Mean 1.042
RMS 0.2397
size [# of strips]

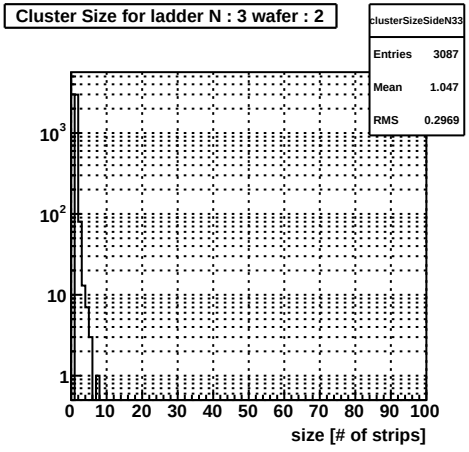

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2197
Mean 1.184
RMS 0.6041
size [# of strips]

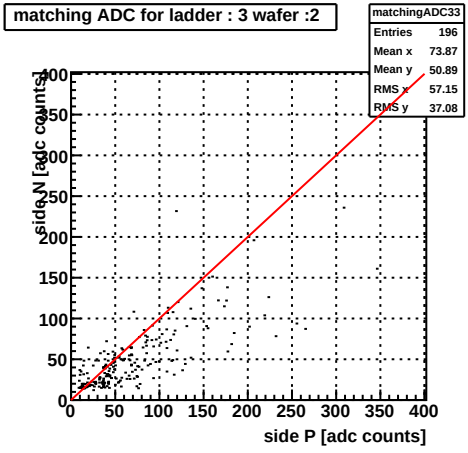

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 358
Mean x 61.5
Mean y 53.63
RMS x 63.43
RMS y 49.4
side N [adc counts]
side P [adc counts]

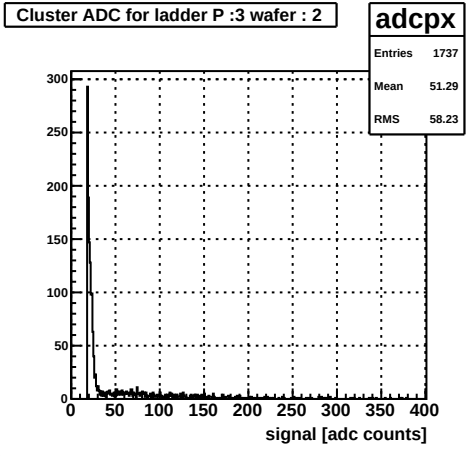

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16071
Mean 26.55
RMS 24.44
signal [adc counts]

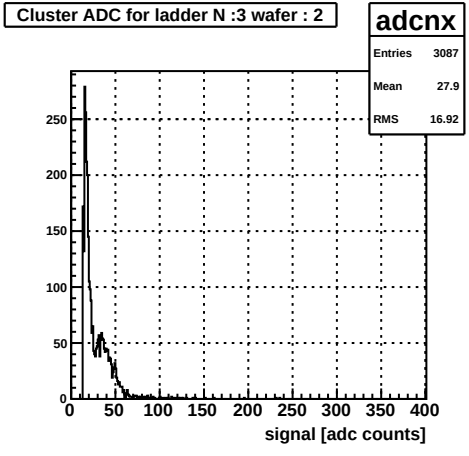

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2197
Mean 33.07
RMS 30.96
signal [adc counts]

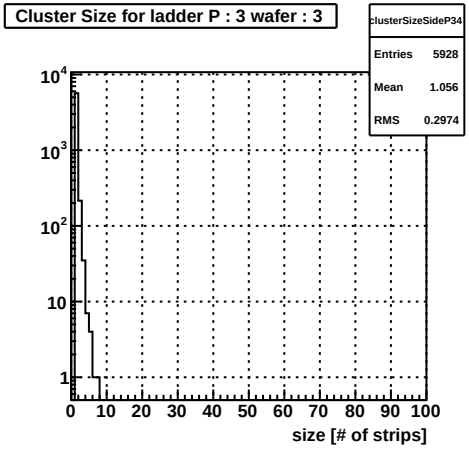

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1737
Mean 1.197
RMS 0.5725
size [# of strips]

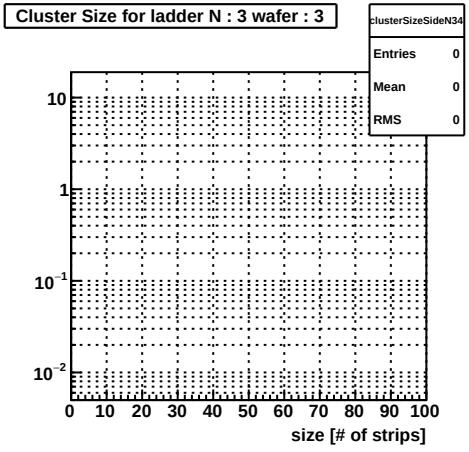

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3087
Mean 1.047
RMS 0.2969
size [# of strips]

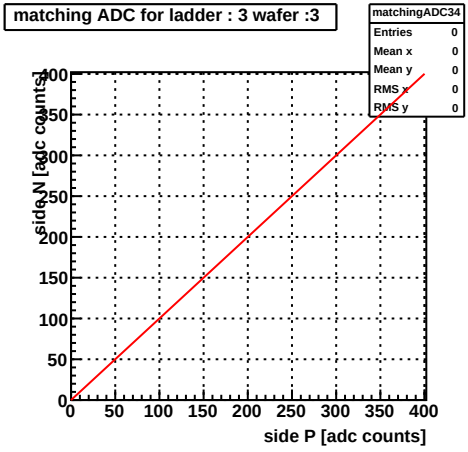

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 196
Mean x 73.87
Mean y 50.89
RMS x 57.15
RMS y 37.08
side N [adc counts]
side P [adc counts]

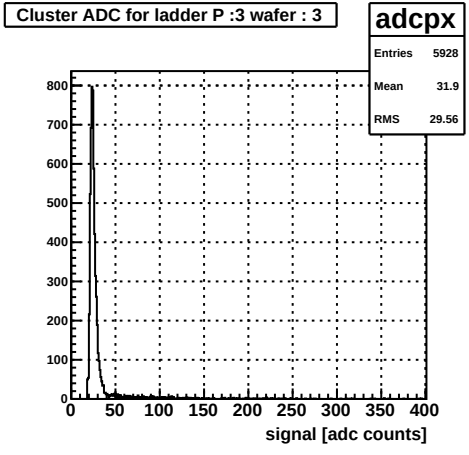

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1737
Mean 51.29
RMS 58.23
signal [adc counts]

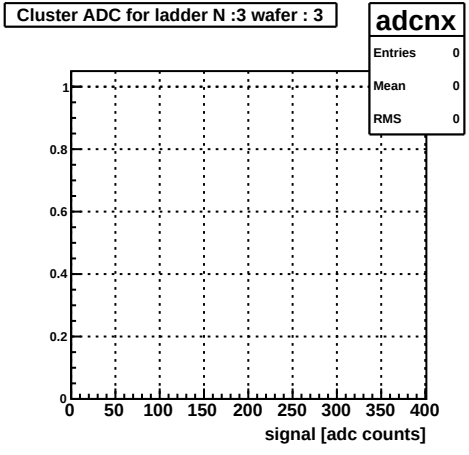

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3087
Mean 27.9
RMS 16.92
signal [adc counts]

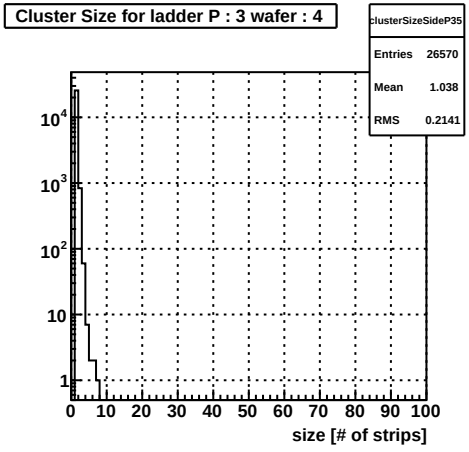

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5928
Mean 1.056
RMS 0.2974
size [# of strips]

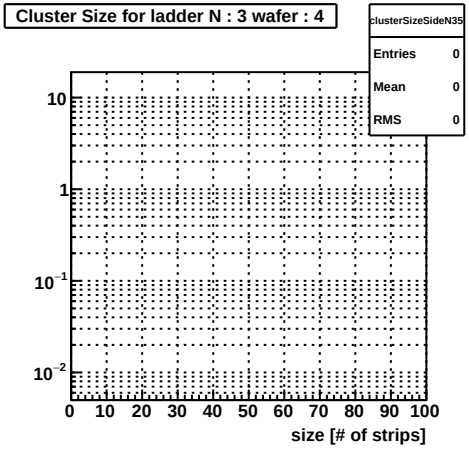

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

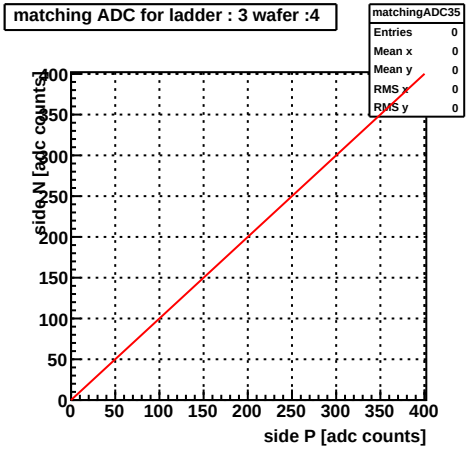

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

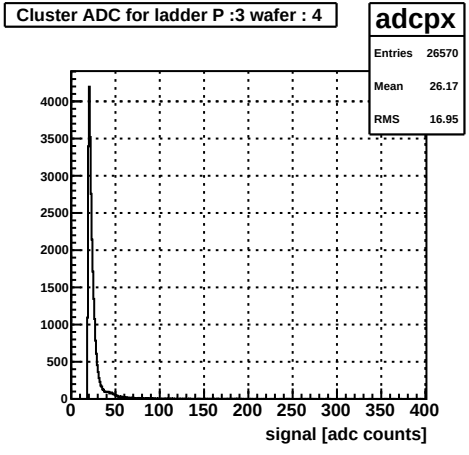

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5928
Mean 31.9
RMS 29.56
signal [adc counts]

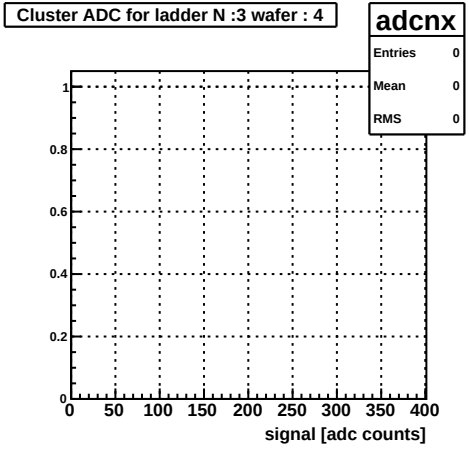

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

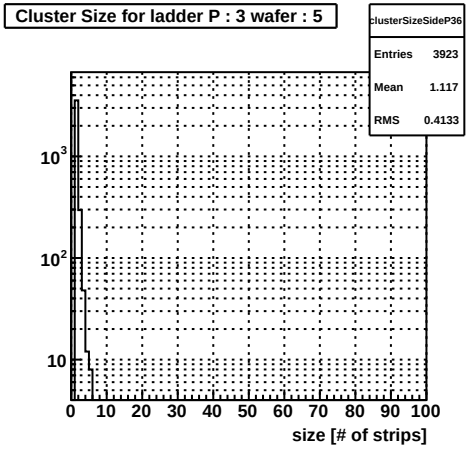

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26570
Mean 1.038
RMS 0.2141
size [# of strips]

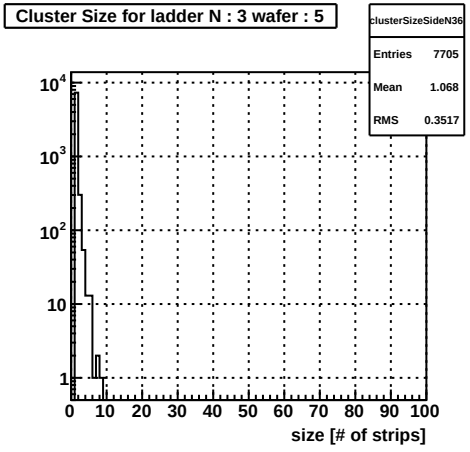

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

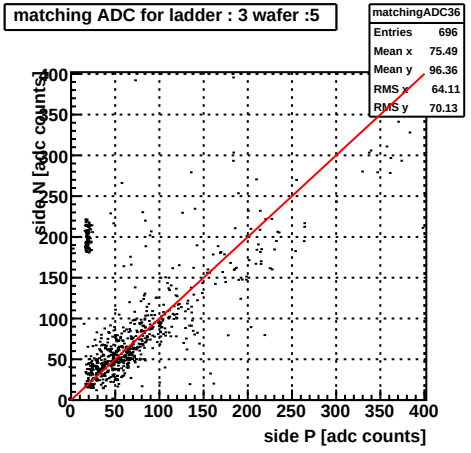

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

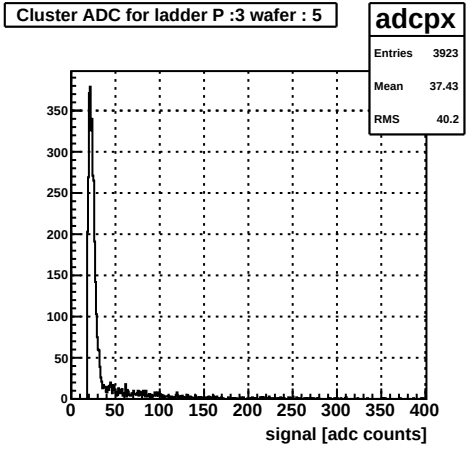

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26570
Mean 26.17
RMS 16.95
signal [adc counts]

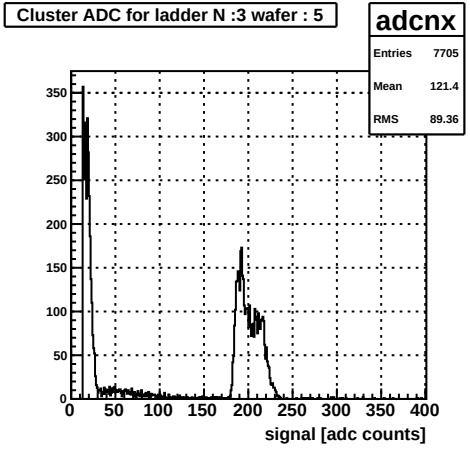

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

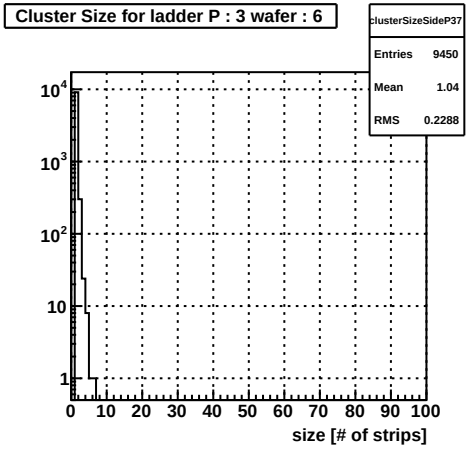

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3923
Mean 1.117
RMS 0.4133
size [# of strips]

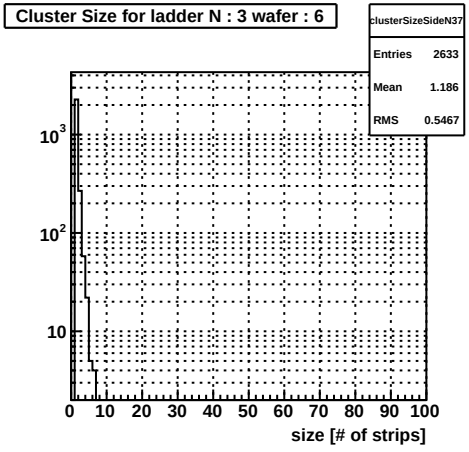

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 7705
Mean 1.068
RMS 0.3517
size [# of strips]

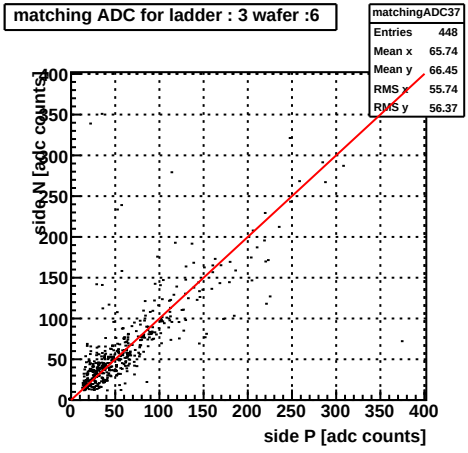

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 696
Mean x 75.49
Mean y 96.36
RMS x 64.11
RMS y 70.13
side N [adc counts]
side P [adc counts]

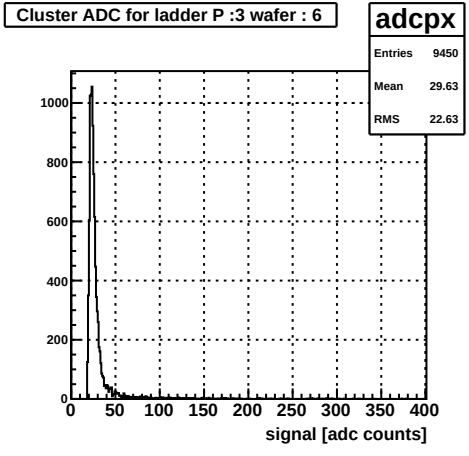

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3923
Mean 37.43
RMS 40.2
signal [adc counts]

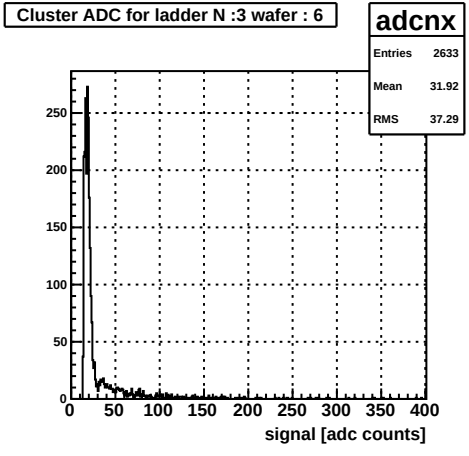

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 7705
Mean 121.4
RMS 89.36
signal [adc counts]

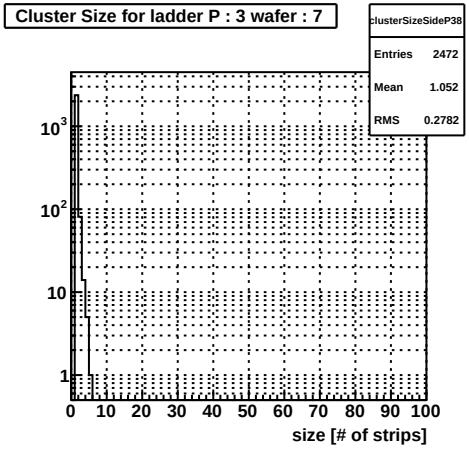

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9450
Mean 1.04
RMS 0.2288
size [# of strips]

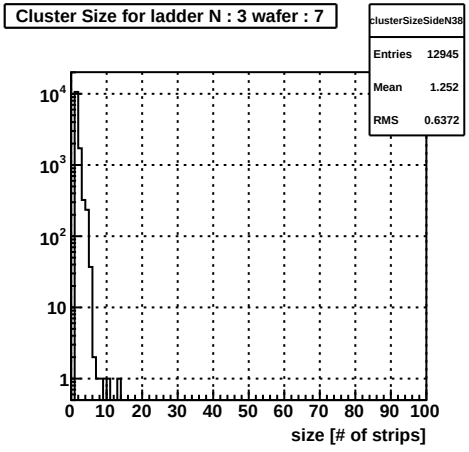

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2633
Mean 1.186
RMS 0.5467
size [# of strips]

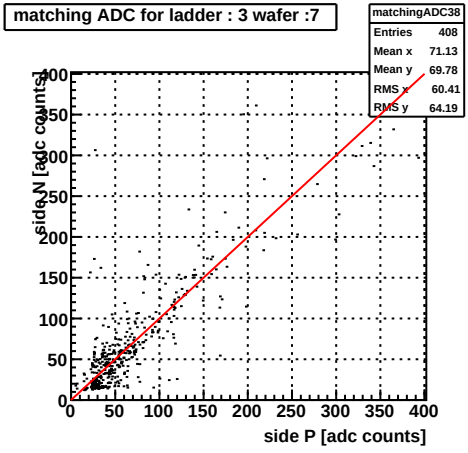

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 448
Mean x 65.74
Mean y 66.45
RMS x 55.74
RMS y 56.37
side N [adc counts]
side P [adc counts]

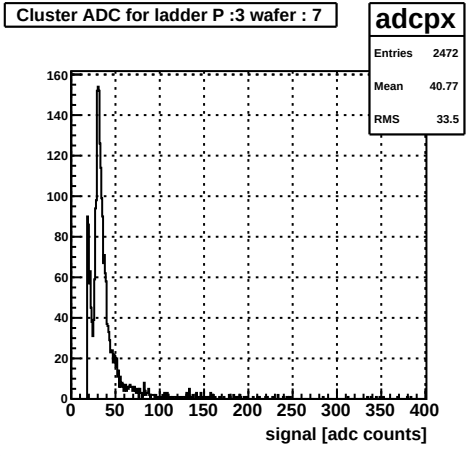

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9450
Mean 29.63
RMS 22.63
signal [adc counts]

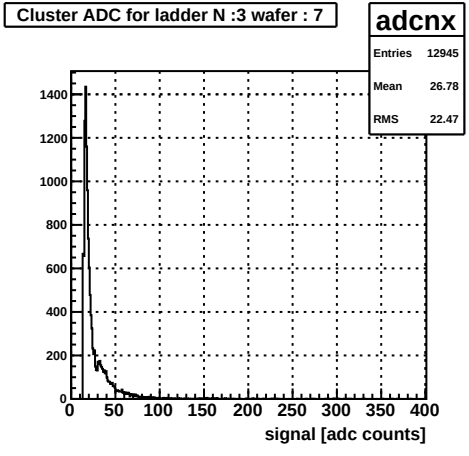

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2633
Mean 31.92
RMS 37.29
signal [adc counts]

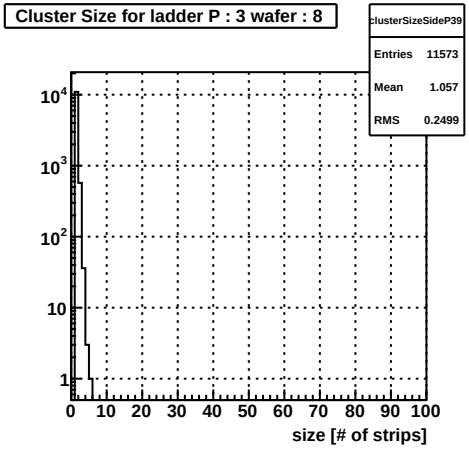

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2472
Mean 1.052
RMS 0.2782
size [# of strips]

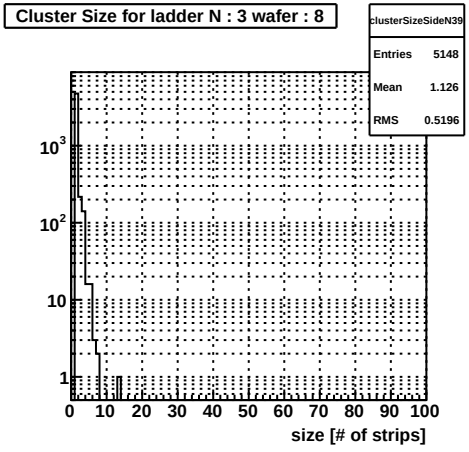

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12945
Mean 1.252
RMS 0.6372
size [# of strips]

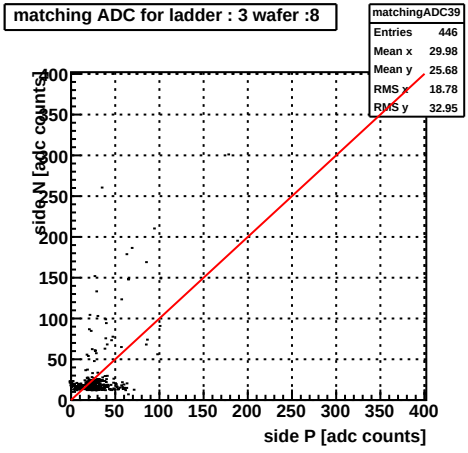

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 408
Mean x 71.13
Mean y 69.78
RMS x 60.41
RMS y 64.19
side N [adc counts]
side P [adc counts]

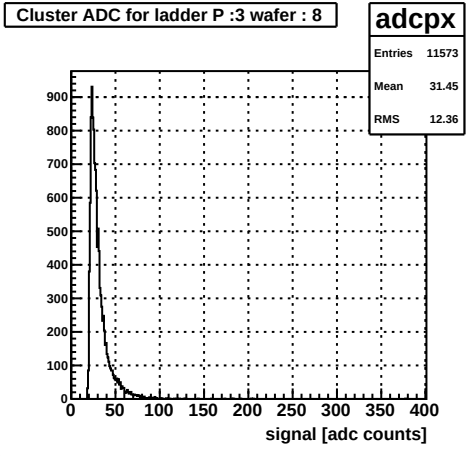

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2472
Mean 40.77
RMS 33.5
signal [adc counts]

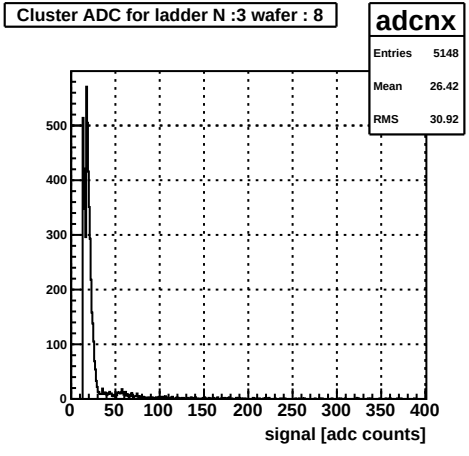

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12945
Mean 26.78
RMS 22.47
signal [adc counts]

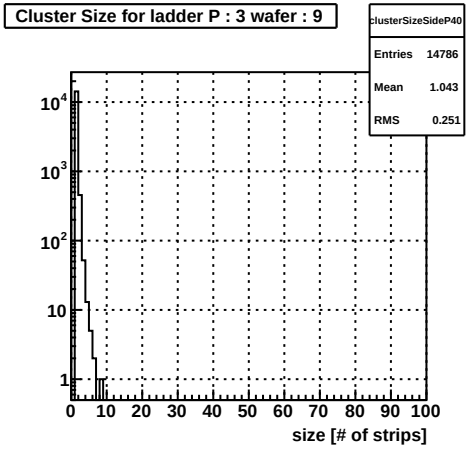

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 11573
Mean 1.057
RMS 0.2499
size [# of strips]

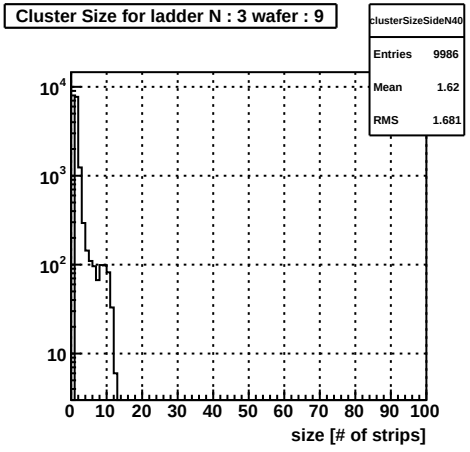

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 5148
Mean 1.126
RMS 0.5196
size [# of strips]

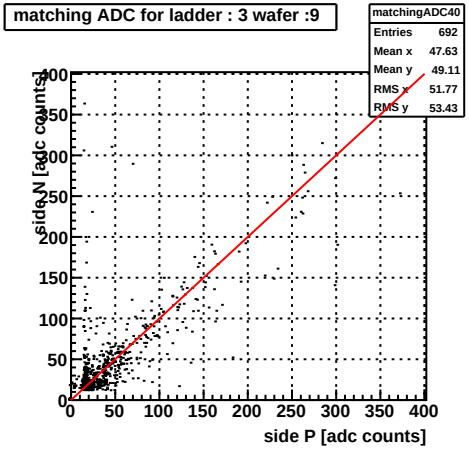

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 446
Mean x 29.98
Mean y 25.68
RMS x 18.78
RMS y 32.95
side N [adc counts]
side P [adc counts]

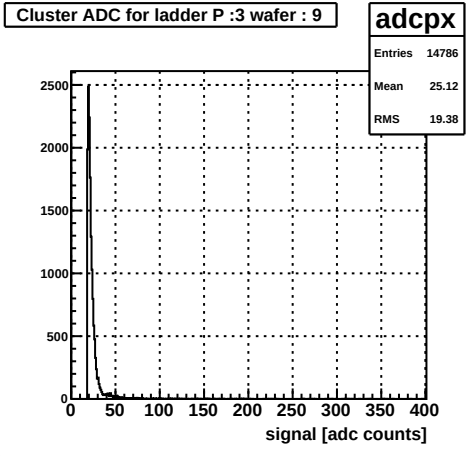

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 11573
Mean 31.45
RMS 12.36
signal [adc counts]

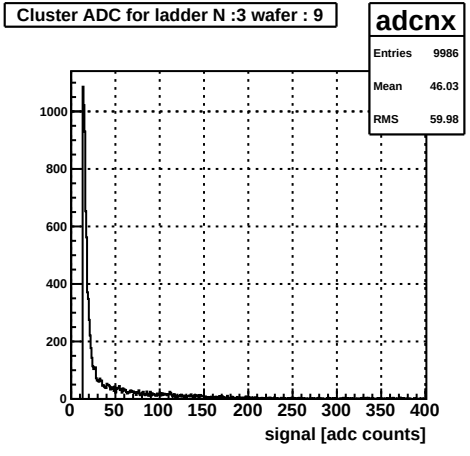

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 5148
Mean 26.42
RMS 30.92
signal [adc counts]

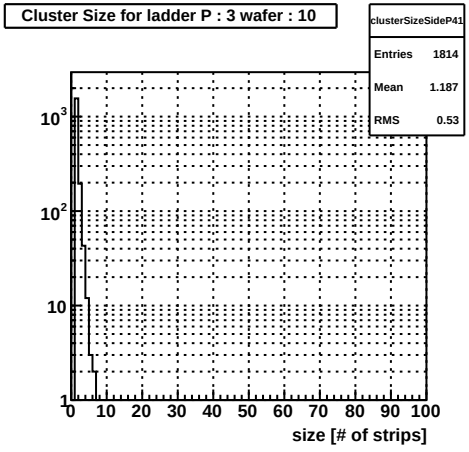

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 14786
Mean 1.043
RMS 0.251
size [# of strips]

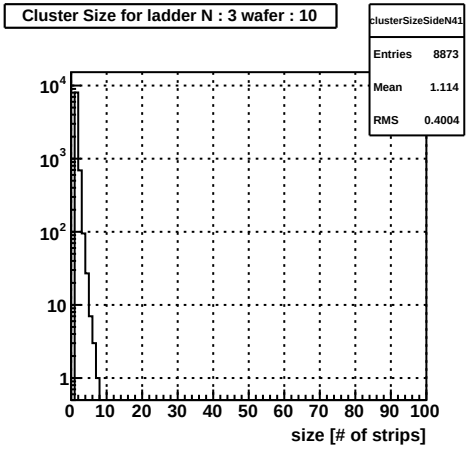

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9986
Mean 1.62
RMS 1.681
size [# of strips]

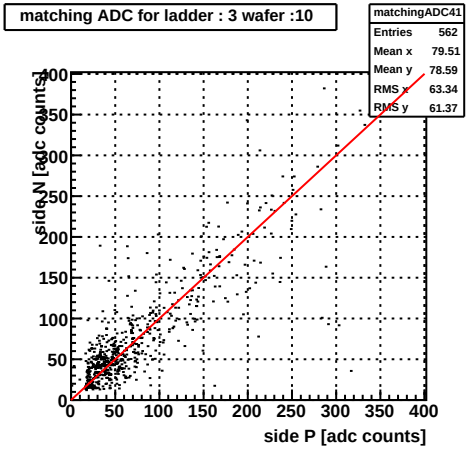

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 692
Mean x 47.63
Mean y 49.11
RMS x 51.77
RMS y 53.43
side N [adc counts]
side P [adc counts]

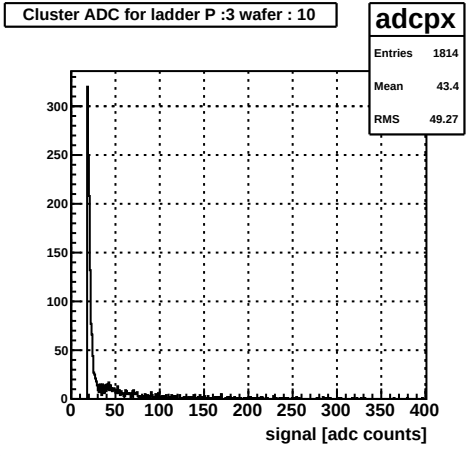

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 14786
Mean 25.12
RMS 19.38
signal [adc counts]

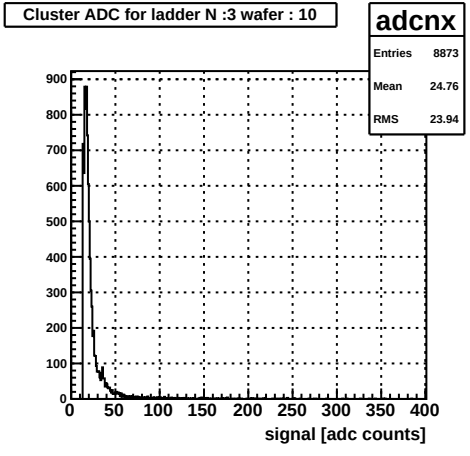

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9986
Mean 46.03
RMS 59.98
signal [adc counts]

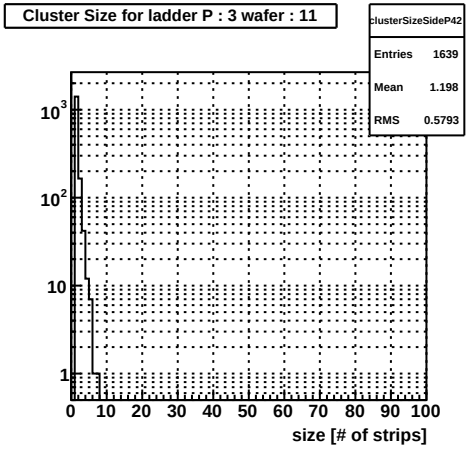

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1814
Mean 1.187
RMS 0.53
size [# of strips]

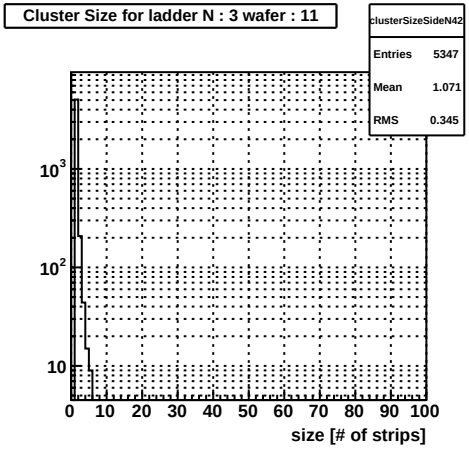

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8873
Mean 1.114
RMS 0.4004
size [# of strips]

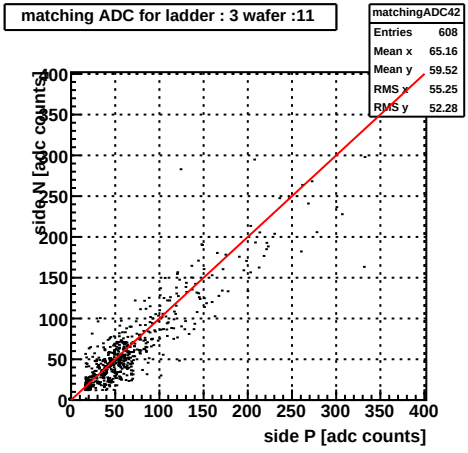

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 562
Mean x 79.51
Mean y 78.59
RMS x 63.34
RMS y 61.37
side N [adc counts]
side P [adc counts]

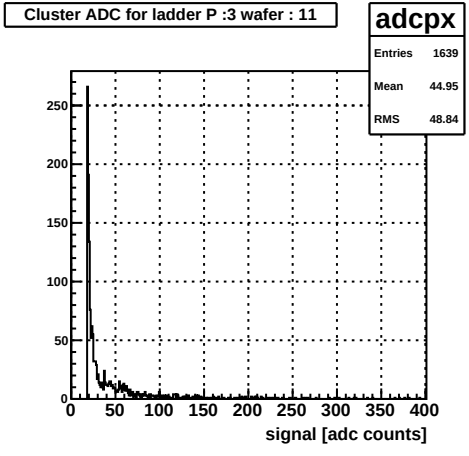

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1814
Mean 43.4
RMS 49.27
signal [adc counts]

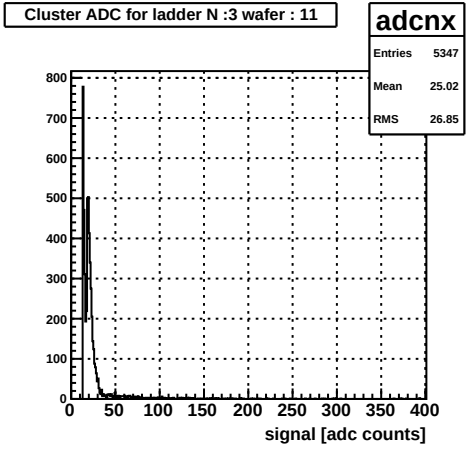

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8873
Mean 24.76
RMS 23.94
signal [adc counts]

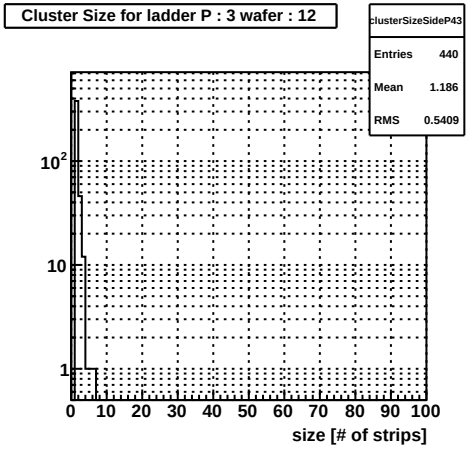

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1639
Mean 1.198
RMS 0.5793
size [# of strips]

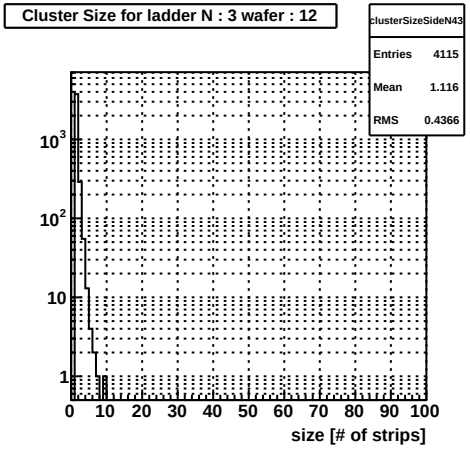

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 5347
Mean 1.071
RMS 0.345
size [# of strips]

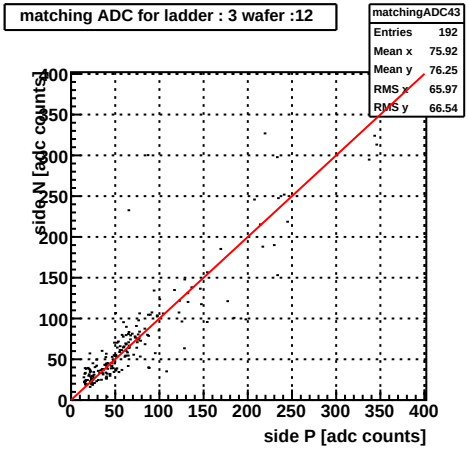

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 608
Mean x 65.16
Mean y 59.52
RMS x 55.25
RMS y 52.28
side N [adc counts]
side P [adc counts]

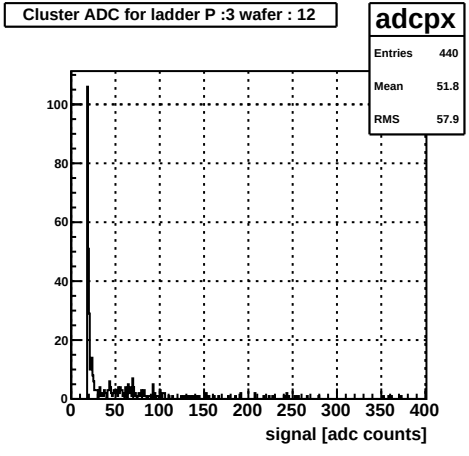

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1639
Mean 44.95
RMS 48.84
signal [adc counts]

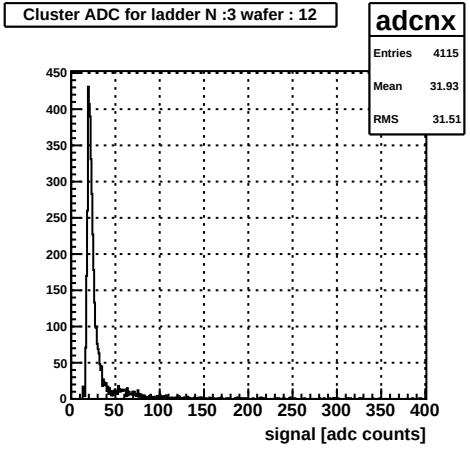

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 5347
Mean 25.02
RMS 26.85
signal [adc counts]

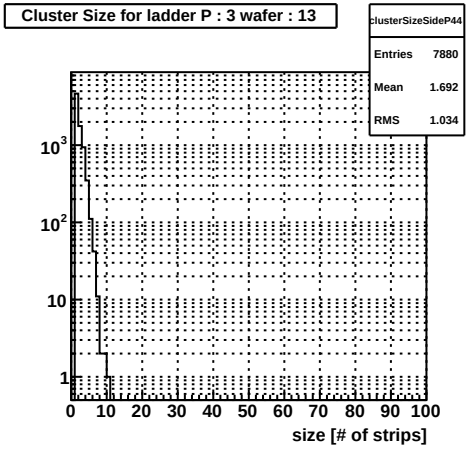

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 440
Mean 1.186
RMS 0.5409
size [# of strips]

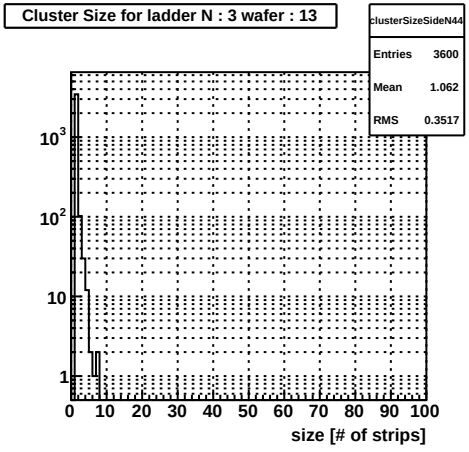

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 4115
Mean 1.116
RMS 0.4366
size [# of strips]

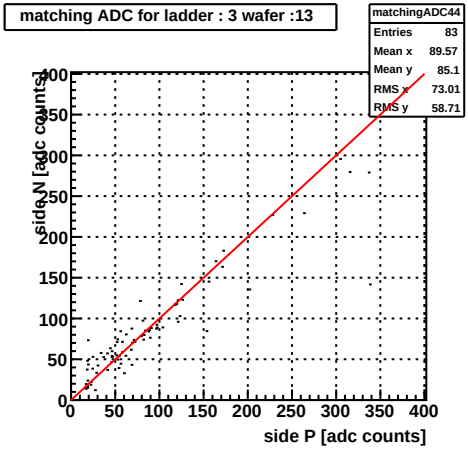

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 192
Mean x 75.92
Mean y 76.25
RMS x 65.97
RMS y 66.54
side N [adc counts]
side P [adc counts]

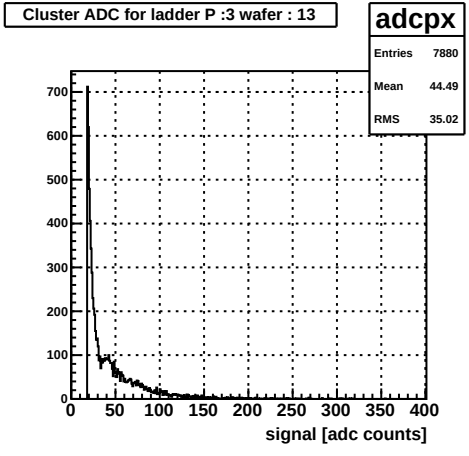

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 440
Mean 51.8
RMS 57.9
signal [adc counts]

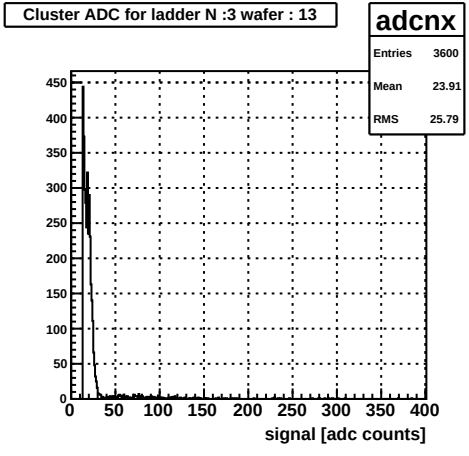

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 4115
Mean 31.93
RMS 31.51
signal [adc counts]

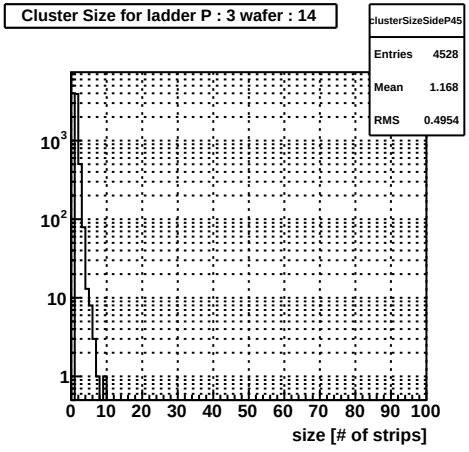

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7880
Mean 1.692
RMS 1.034
size [# of strips]

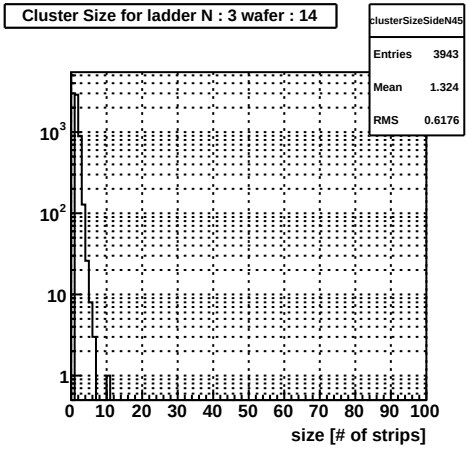

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3600
Mean 1.062
RMS 0.3517
size [# of strips]

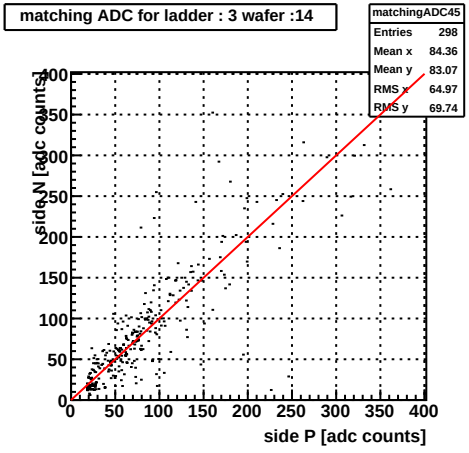

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 83
Mean x 89.57
Mean y 85.1
RMS x 73.01
RMS y 58.71
side N [adc counts]
side P [adc counts]

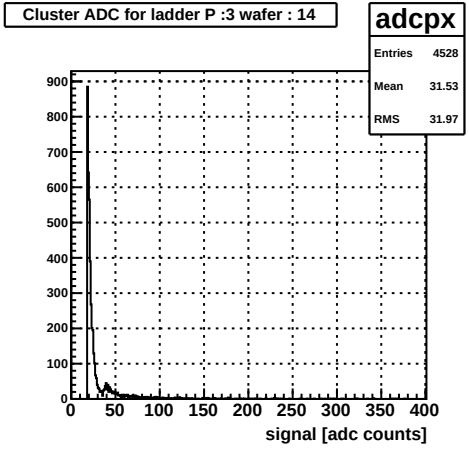

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7880
Mean 44.49
RMS 35.02
signal [adc counts]

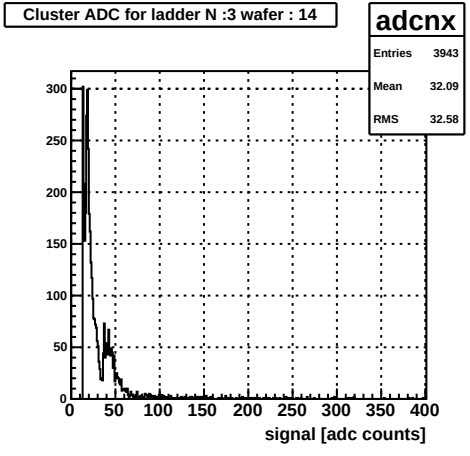

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3600
Mean 23.91
RMS 25.79
signal [adc counts]

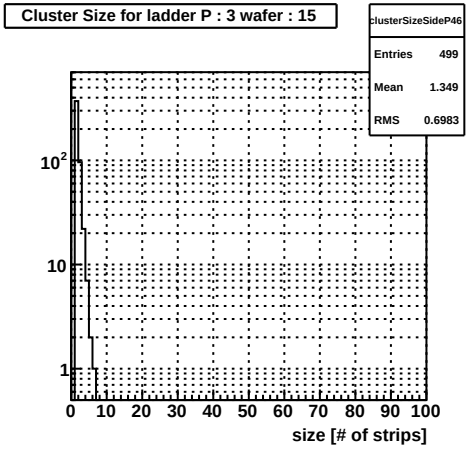

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4528
Mean 1.168
RMS 0.4954
size [# of strips]

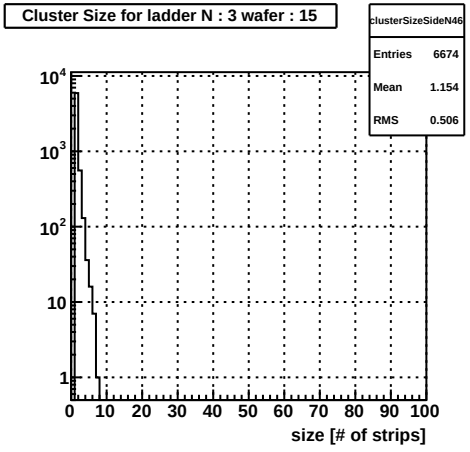

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3943
Mean 1.324
RMS 0.6176
size [# of strips]

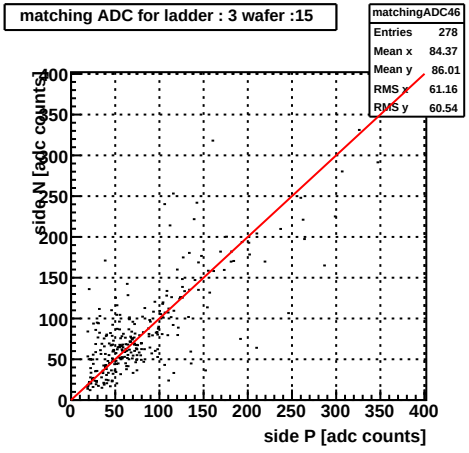

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 298
Mean x 84.36
Mean y 83.07
RMS x 64.97
RMS y 69.74
side N [adc counts]
side P [adc counts]

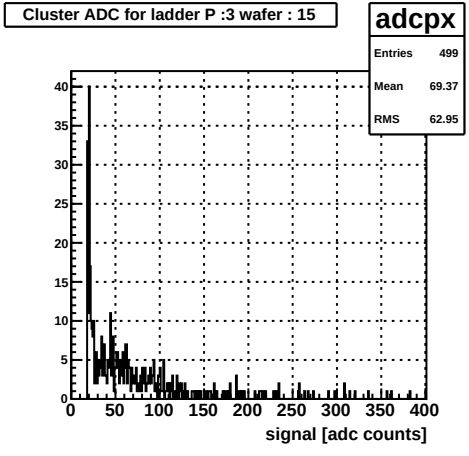

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4528
Mean 31.53
RMS 31.97
signal [adc counts]

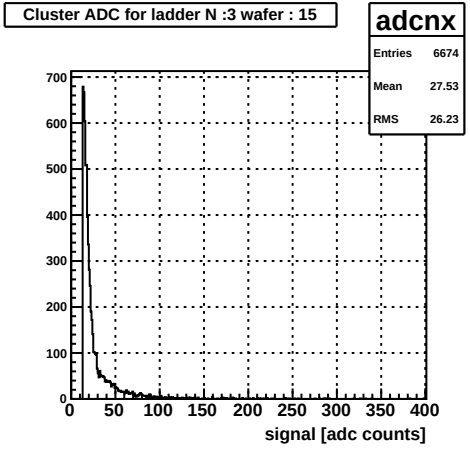

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3943
Mean 32.09
RMS 32.58
signal [adc counts]

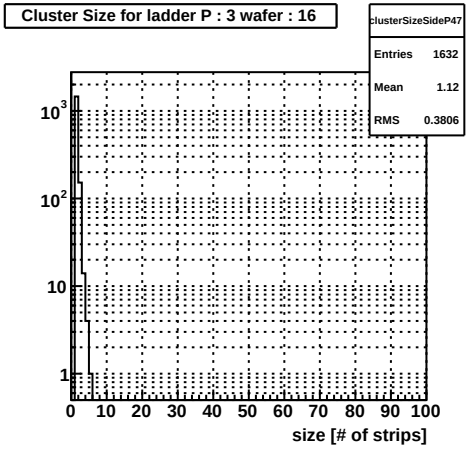

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 499
Mean 1.349
RMS 0.6983
size [# of strips]

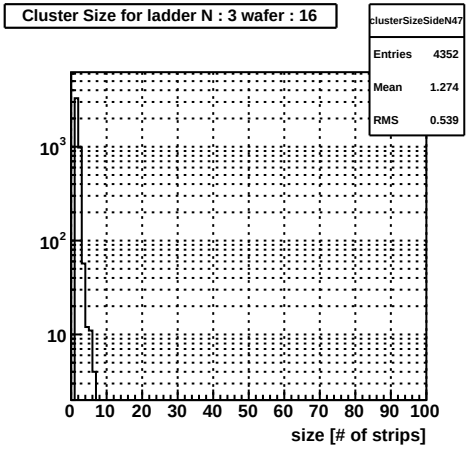

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 6674
Mean 1.154
RMS 0.506
size [# of strips]

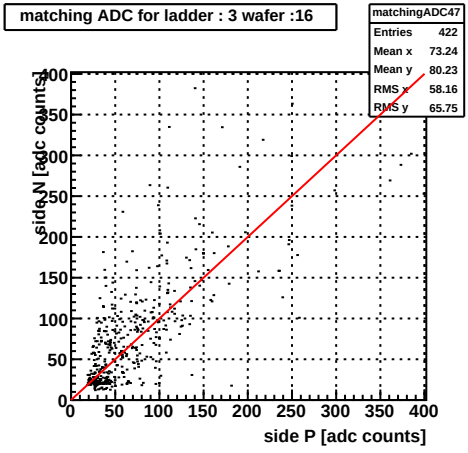

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 278
Mean x 84.37
Mean y 86.01
RMS x 61.16
RMS y 60.54
side N [adc counts]
side P [adc counts]

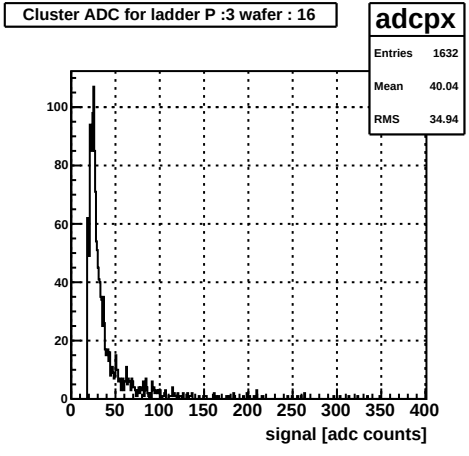

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 499
Mean 69.37
RMS 62.95
signal [adc counts]

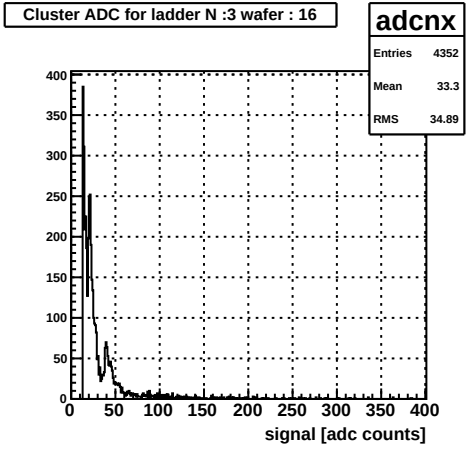

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 6674
Mean 27.53
RMS 26.23
signal [adc counts]

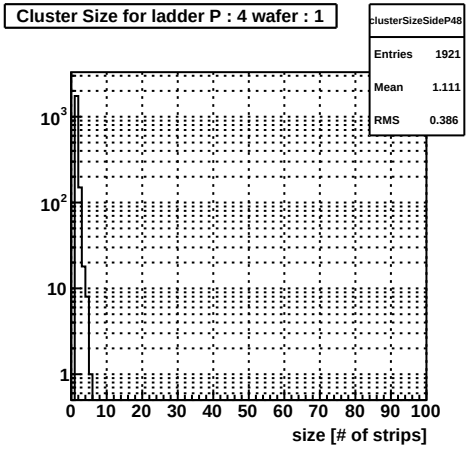

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1632
Mean 1.12
RMS 0.3806
size [# of strips]

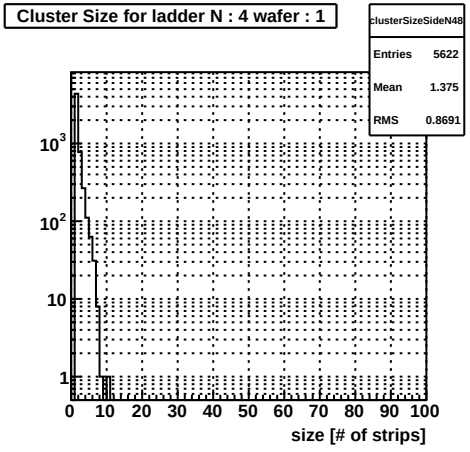

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 4352
Mean 1.274
RMS 0.539
size [# of strips]

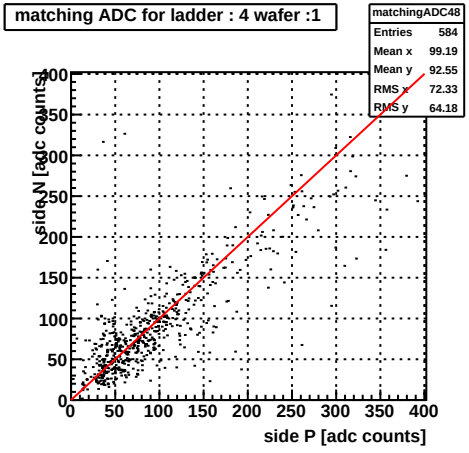

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 422
Mean x 73.24
Mean y 80.23
RMS x 58.16
RMS y 65.75
side N [adc counts]
side P [adc counts]

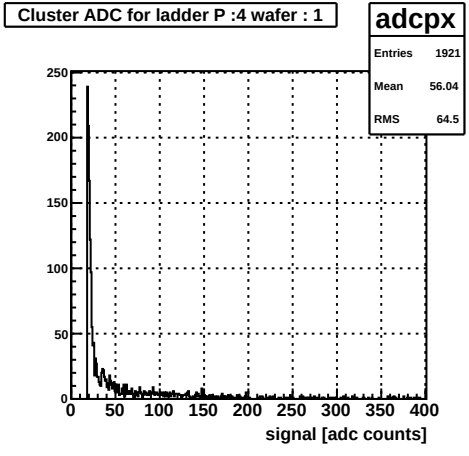

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1632
Mean 40.04
RMS 34.94
signal [adc counts]

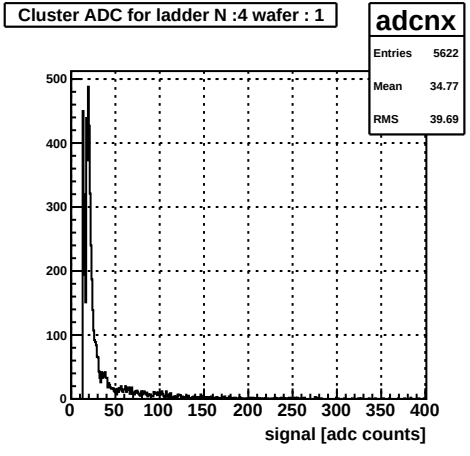

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 4352
Mean 33.3
RMS 34.89
signal [adc counts]

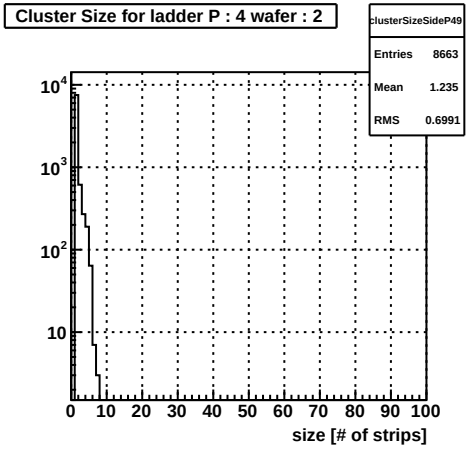

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1921
Mean 1.111
RMS 0.386
size [# of strips]

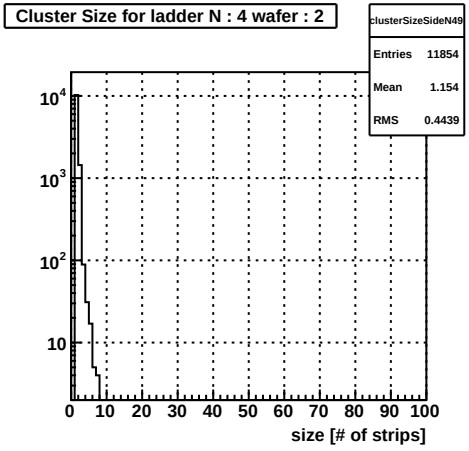

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5622
Mean 1.375
RMS 0.8691
size [# of strips]

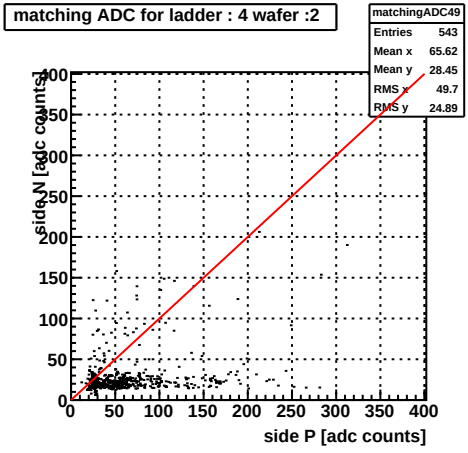

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 584
Mean x 99.19
Mean y 92.55
RMS x 72.33
RMS y 64.18
side N [adc counts]
side P [adc counts]

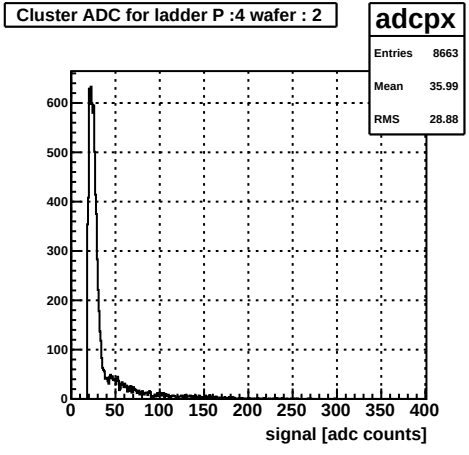

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1921
Mean 56.04
RMS 64.5
signal [adc counts]

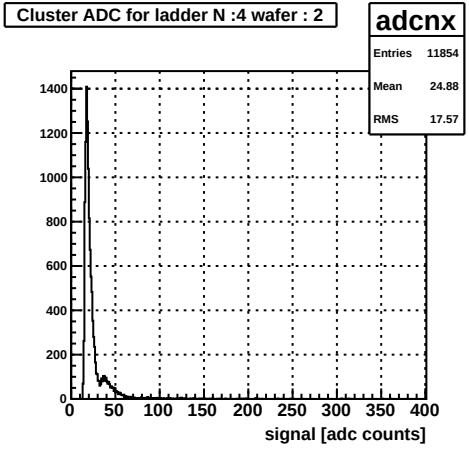

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5622
Mean 34.77
RMS 39.69
signal [adc counts]

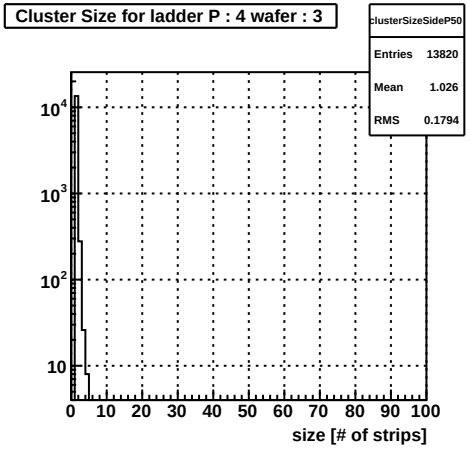

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8663
Mean 1.235
RMS 0.6991
size [# of strips]

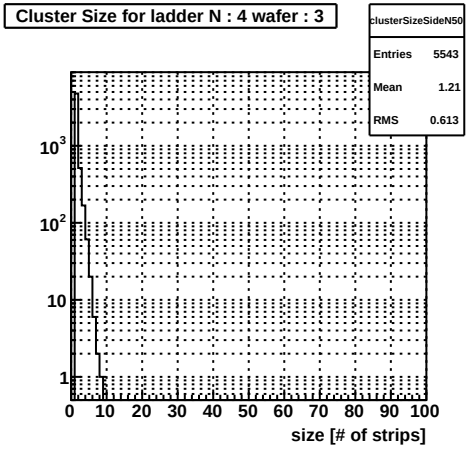

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 11854
Mean 1.154
RMS 0.4439
size [# of strips]

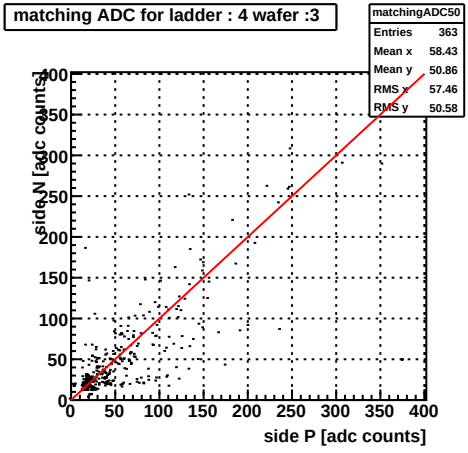

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 543
Mean x 65.62
Mean y 28.45
RMS x 49.7
RMS y 24.89
side N [adc counts]
side P [adc counts]

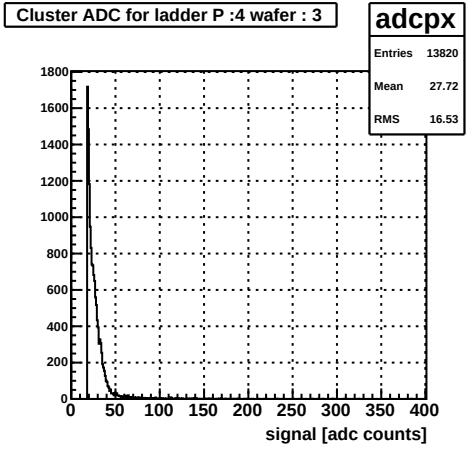

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8663
Mean 35.99
RMS 28.88
signal [adc counts]

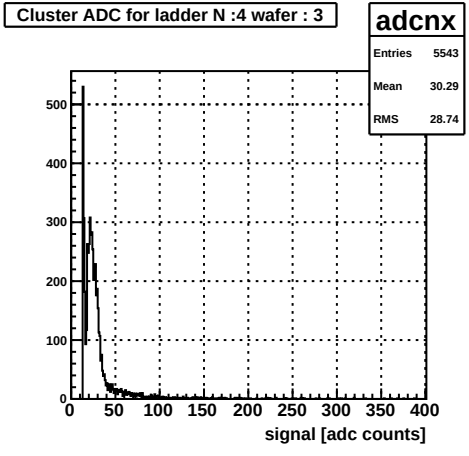

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 11854
Mean 24.88
RMS 17.57
signal [adc counts]

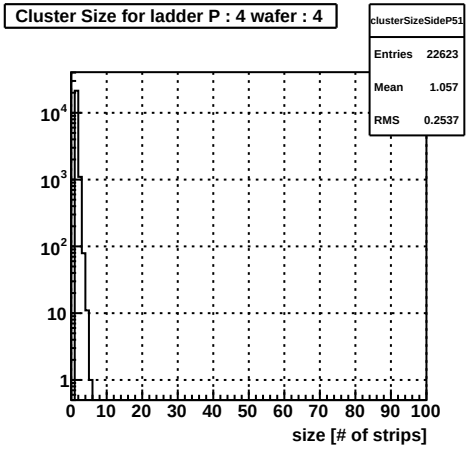

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13820
Mean 1.026
RMS 0.1794
size [# of strips]

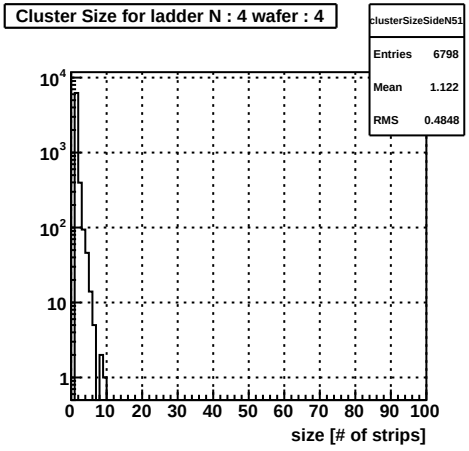

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5543
Mean 1.21
RMS 0.613
size [# of strips]

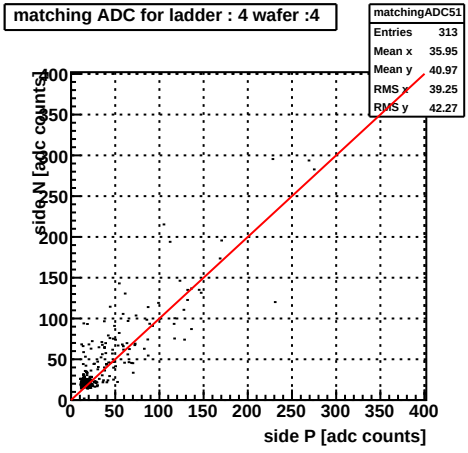

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 363
Mean x 58.43
Mean y 50.86
RMS x 57.46
RMS y 50.58
side N [adc counts]
side P [adc counts]

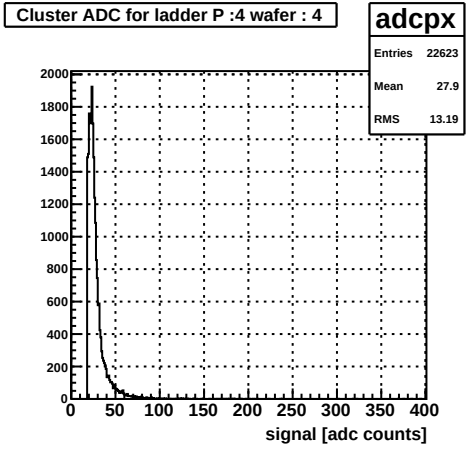

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13820
Mean 27.72
RMS 16.53
signal [adc counts]

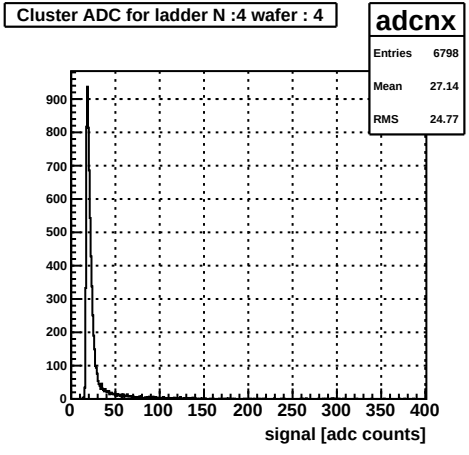

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5543
Mean 30.29
RMS 28.74
signal [adc counts]

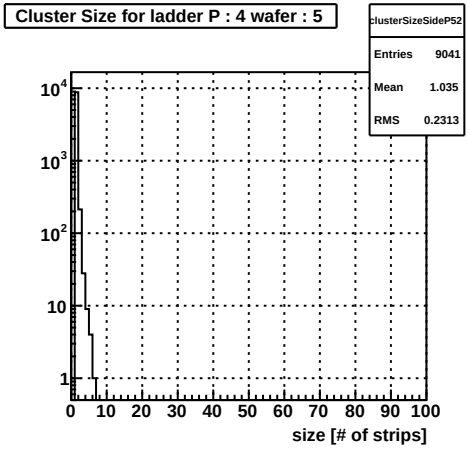

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 22623
Mean 1.057
RMS 0.2537
size [# of strips]

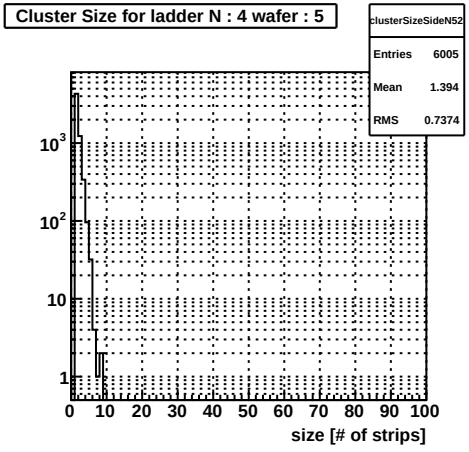

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 6798
Mean 1.122
RMS 0.4848
size [# of strips]

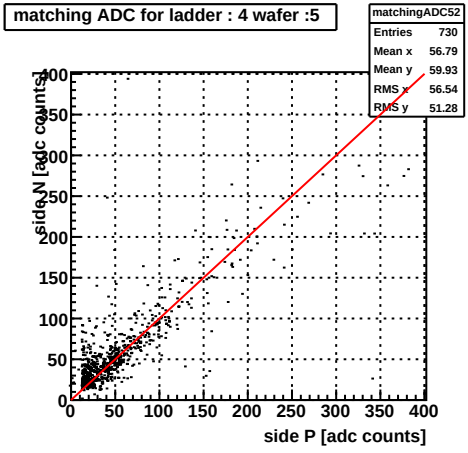

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 313
Mean x 35.95
Mean y 40.97
RMS x 39.25
RMS y 42.27
side N [adc counts]
side P [adc counts]

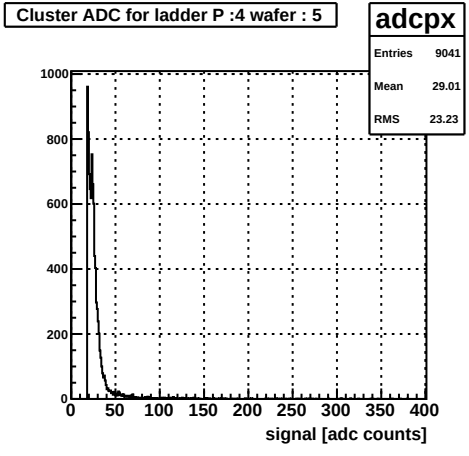

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 22623
Mean 27.9
RMS 13.19
signal [adc counts]

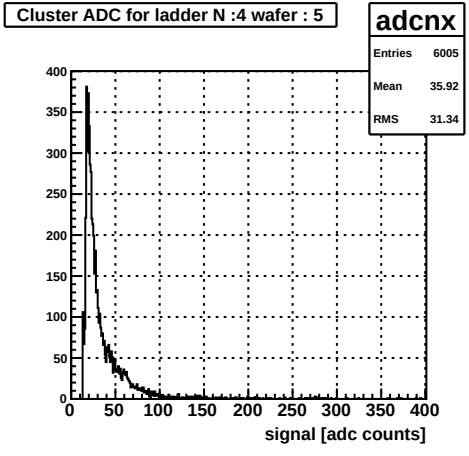

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 6798
Mean 27.14
RMS 24.77
signal [adc counts]

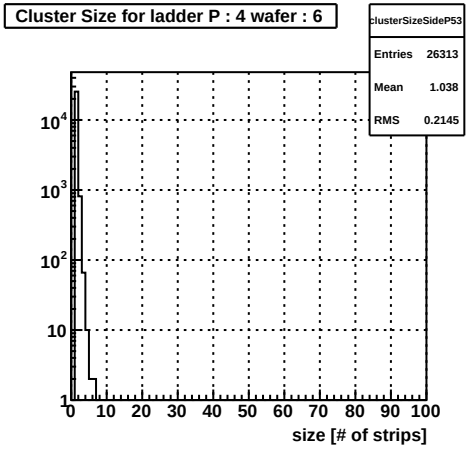

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 9041
Mean 1.035
RMS 0.2313
size [# of strips]

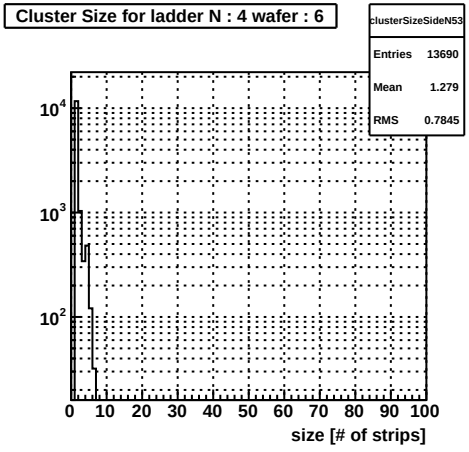

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 6005
Mean 1.394
RMS 0.7374
size [# of strips]

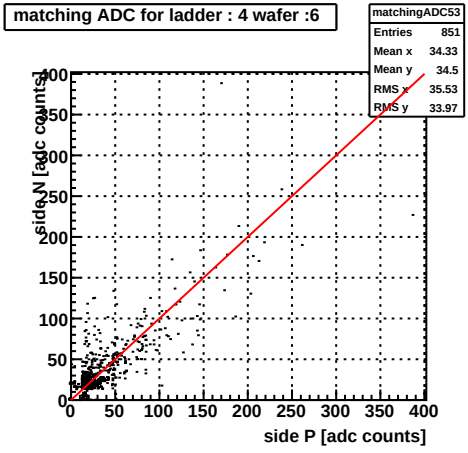

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 730
Mean x 56.79
Mean y 59.93
RMS x 56.54
RMS y 51.28
side N [adc counts]
side P [adc counts]

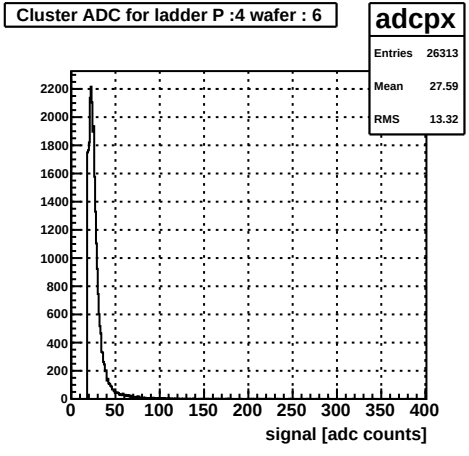

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 9041
Mean 29.01
RMS 23.23
signal [adc counts]

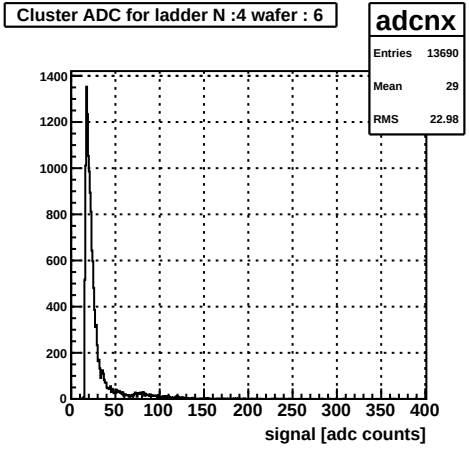

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 6005
Mean 35.92
RMS 31.34
signal [adc counts]

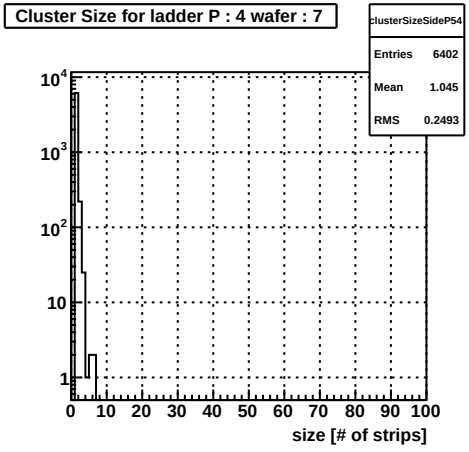

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 26313
Mean 1.038
RMS 0.2145
size [# of strips]

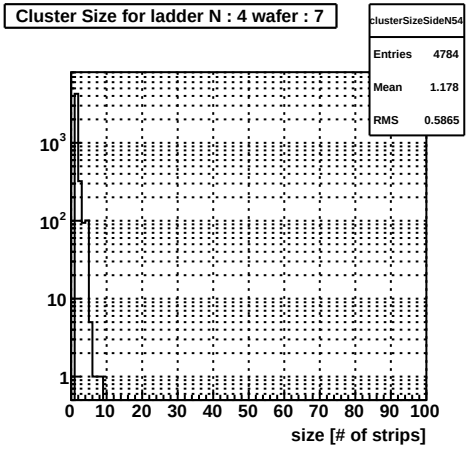

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13690
Mean 1.279
RMS 0.7845
size [# of strips]

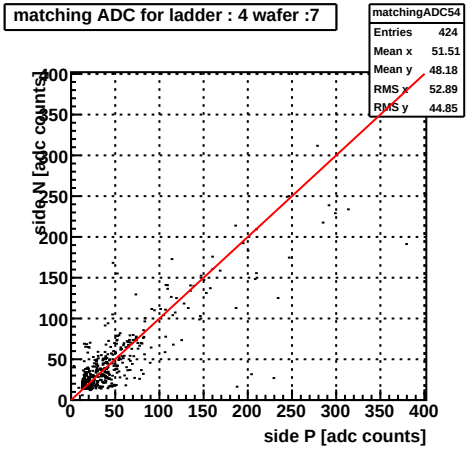

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 851
Mean x 34.33
Mean y 34.5
RMS x 35.53
RMS y 33.97
side N [adc counts]
side P [adc counts]

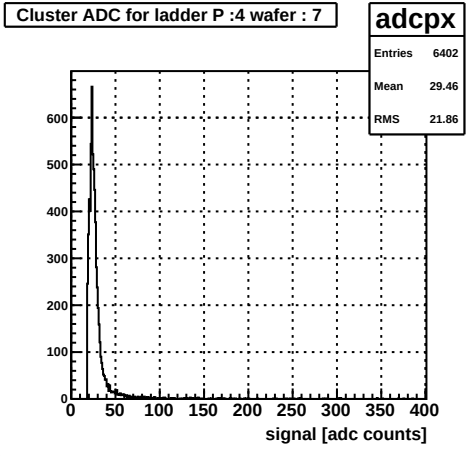

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 26313
Mean 27.59
RMS 13.32
signal [adc counts]

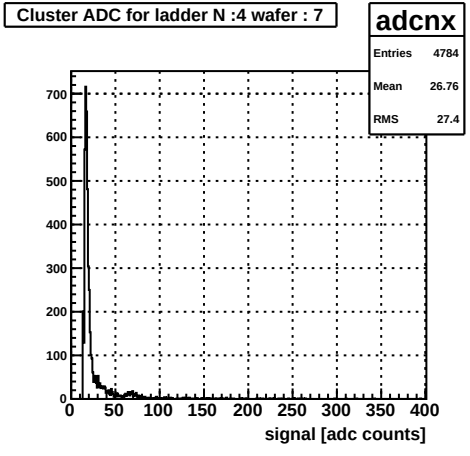

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13690
Mean 29
RMS 22.98
signal [adc counts]

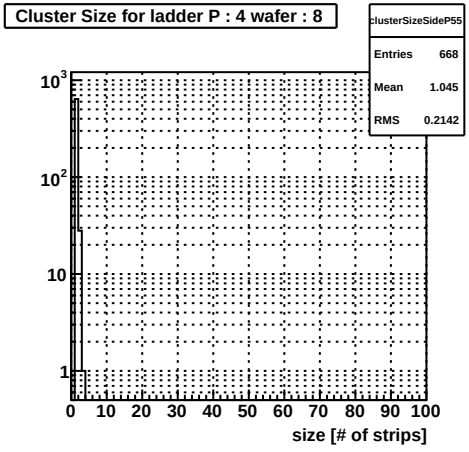

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6402
Mean 1.045
RMS 0.2493
size [# of strips]

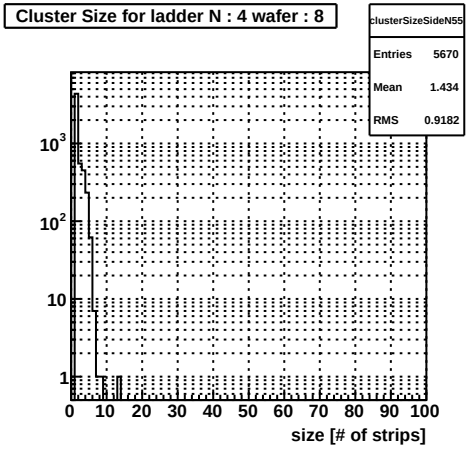

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4784
Mean 1.178
RMS 0.5865
size [# of strips]

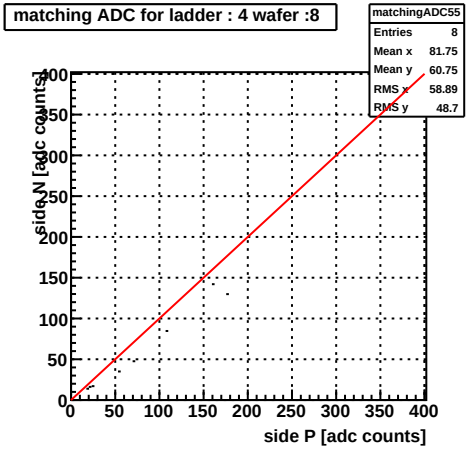

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 424
Mean x 51.51
Mean y 48.18
RMS x 52.89
RMS y 44.85
side N [adc counts]
side P [adc counts]

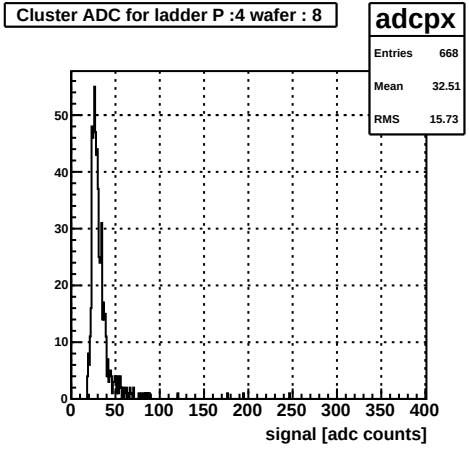

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6402
Mean 29.46
RMS 21.86
signal [adc counts]

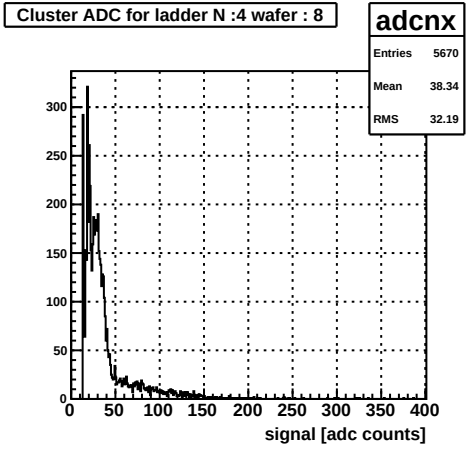

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4784
Mean 26.76
RMS 27.4
signal [adc counts]

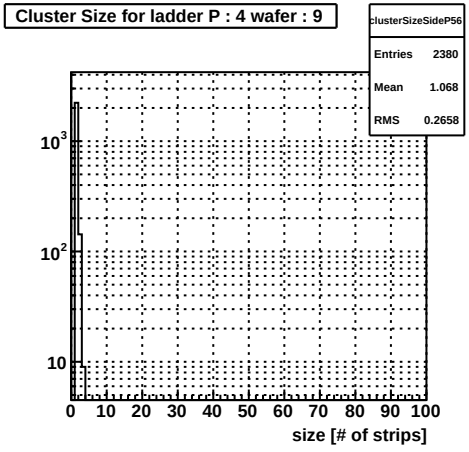

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 668
Mean 1.045
RMS 0.2142
size [# of strips]

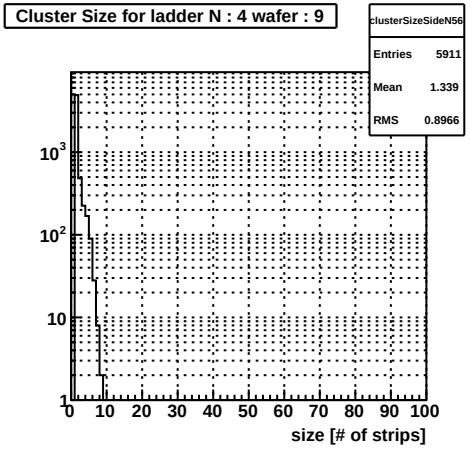

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 5670
Mean 1.434
RMS 0.9182
size [# of strips]

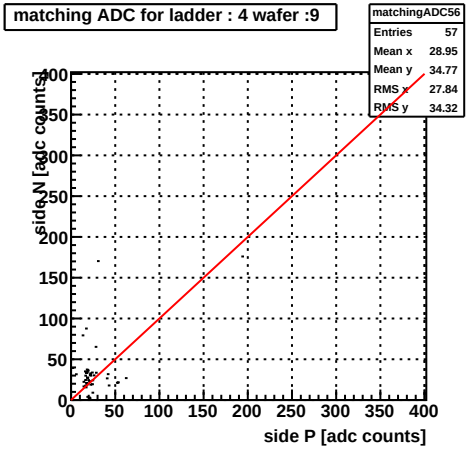

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 8
Mean x 81.75
Mean y 60.75
RMS x 58.89
RMS y 48.7
side N [adc counts]
side P [adc counts]

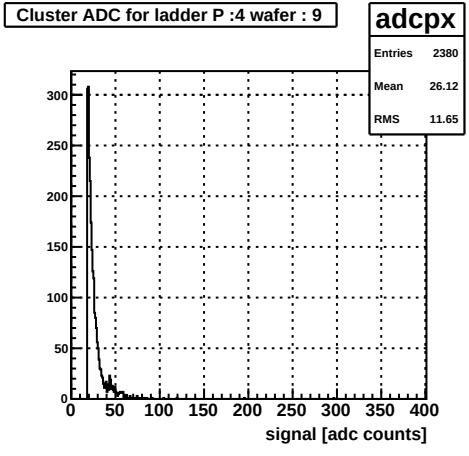

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 668
Mean 32.51
RMS 15.73
signal [adc counts]

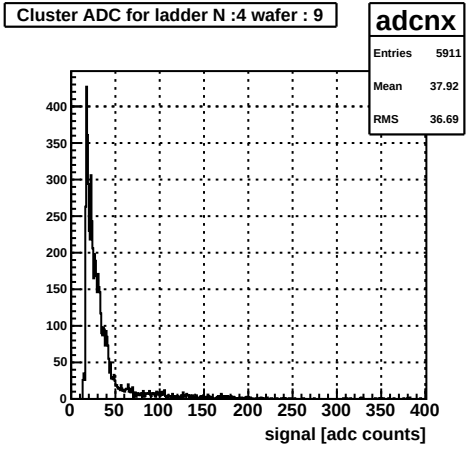

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 5670
Mean 38.34
RMS 32.19
signal [adc counts]

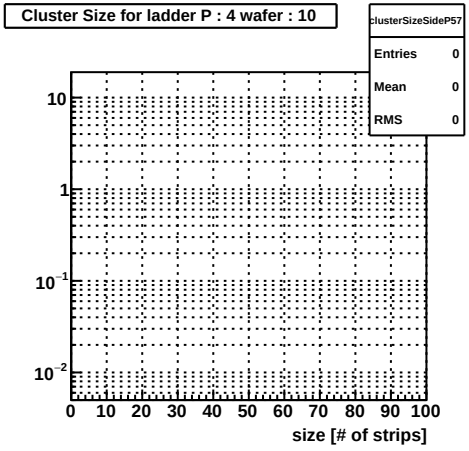

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2380
Mean 1.068
RMS 0.2658
size [# of strips]

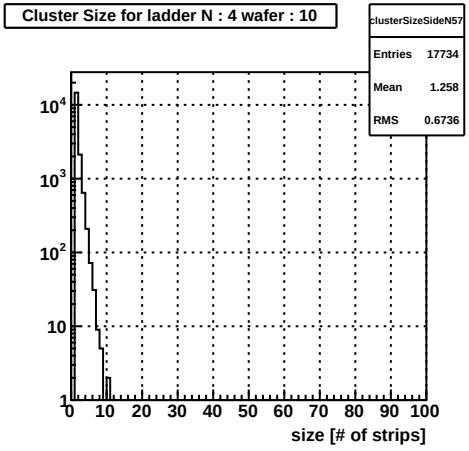

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5911
Mean 1.339
RMS 0.8966
size [# of strips]

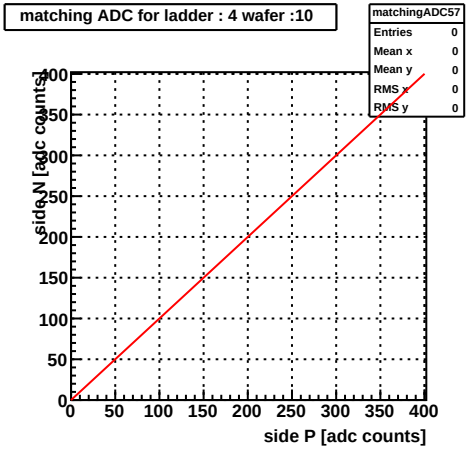

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 57
Mean x 28.95
Mean y 34.77
RMS x 27.84
RMS y 34.32
side N [adc counts]
side P [adc counts]

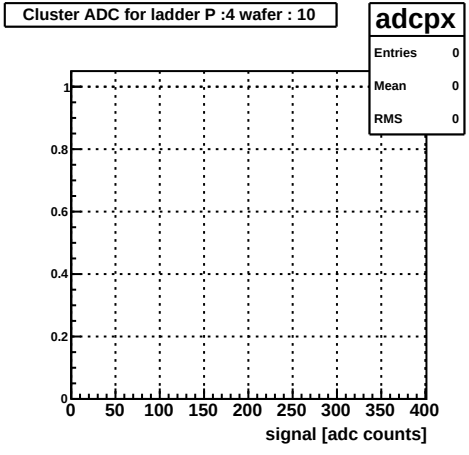

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2380
Mean 26.12
RMS 11.65
signal [adc counts]

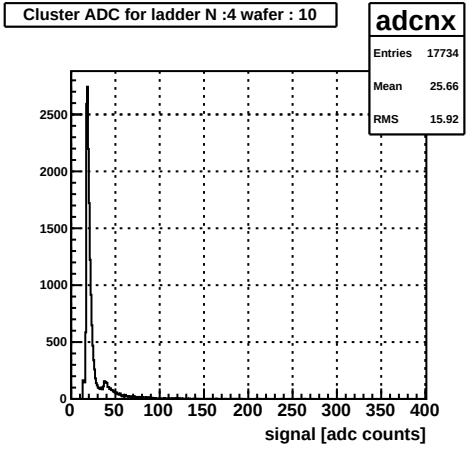

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5911
Mean 37.92
RMS 36.69
signal [adc counts]

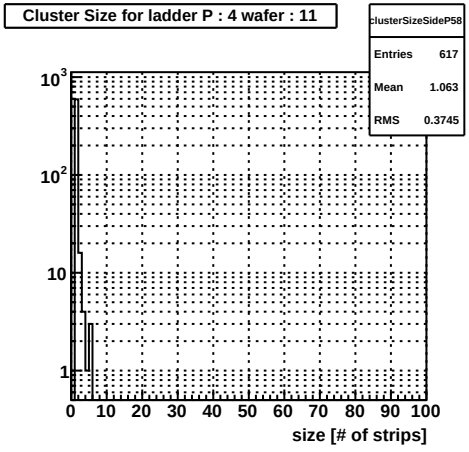

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

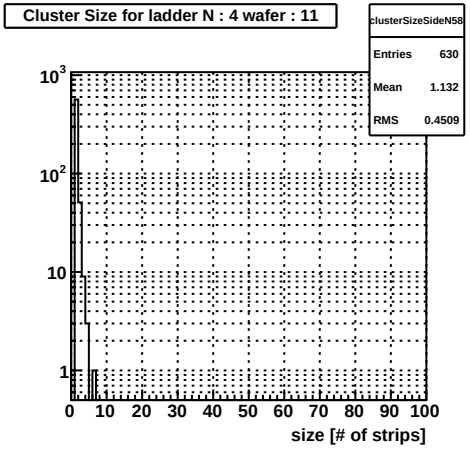

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17734
Mean 1.258
RMS 0.6736
size [# of strips]

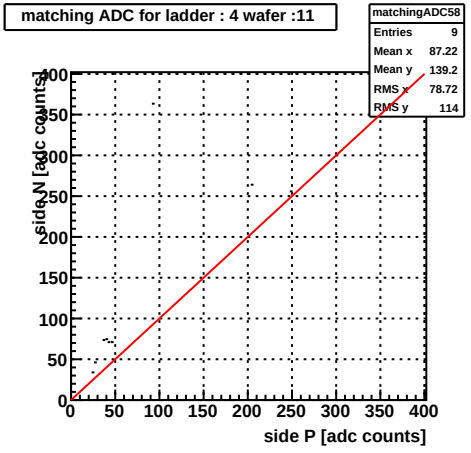

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

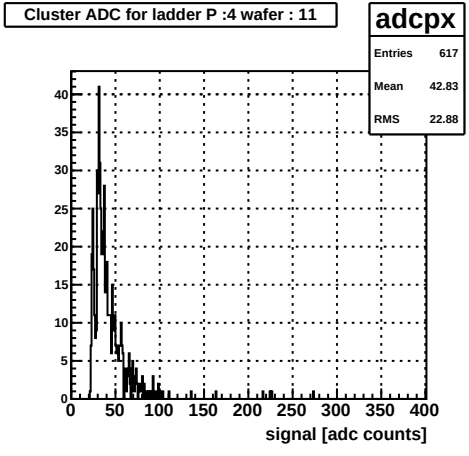

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

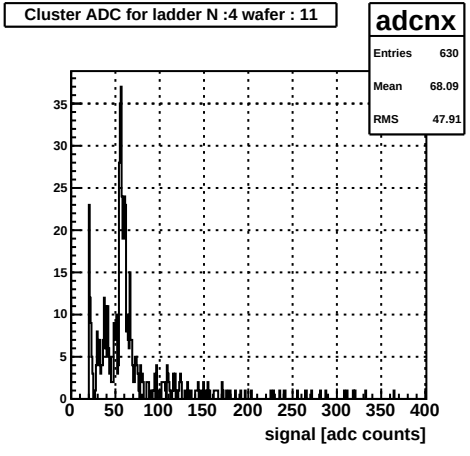

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17734
Mean 25.66
RMS 15.92
signal [adc counts]

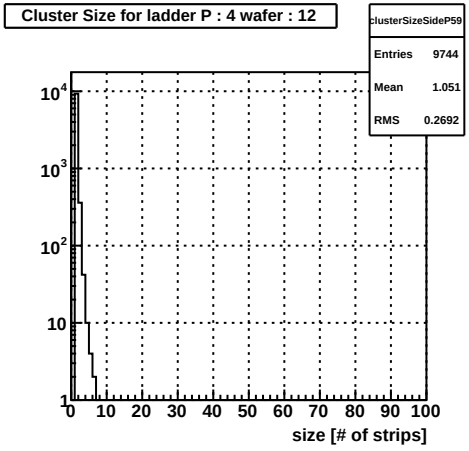

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 617
Mean 1.063
RMS 0.3745
size [# of strips]

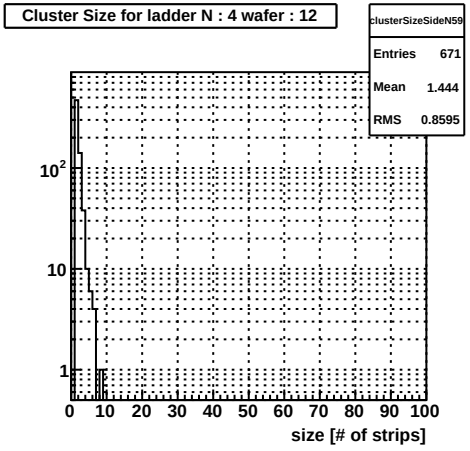

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 630
Mean 1.132
RMS 0.4509
size [# of strips]

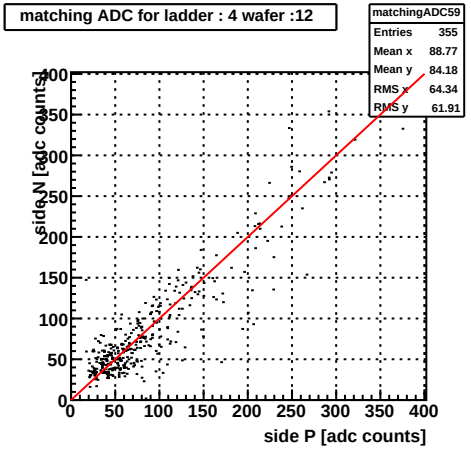

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 9
Mean x 87.22
Mean y 139.2
RMS x 78.72
RMS y 114
side N [adc counts]
side P [adc counts]

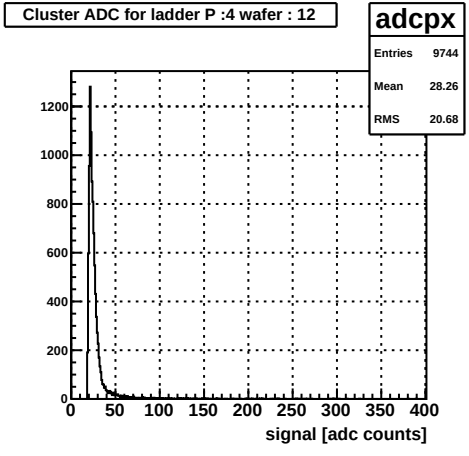

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 617
Mean 42.83
RMS 22.88
signal [adc counts]

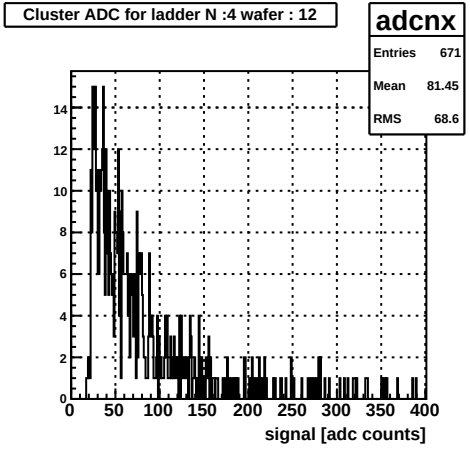

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 630
Mean 68.09
RMS 47.91
signal [adc counts]

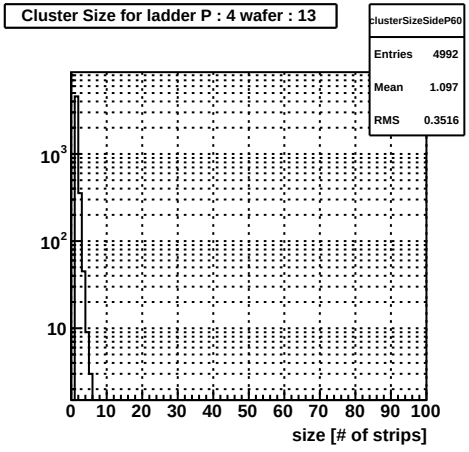

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 9744
Mean 1.051
RMS 0.2692
size [# of strips]

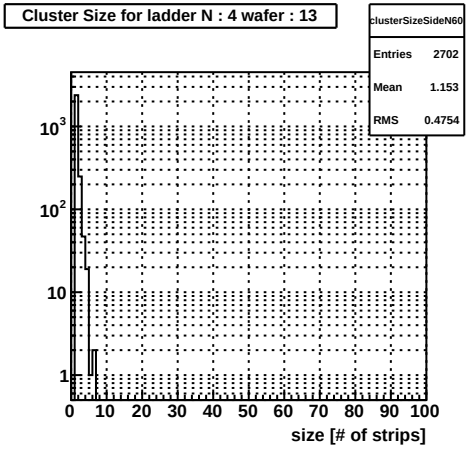

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 671
Mean 1.444
RMS 0.8595
size [# of strips]

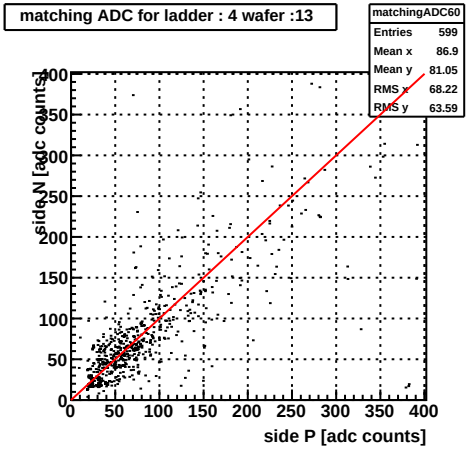

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 355
Mean x 88.77
Mean y 84.18
RMS x 64.34
RMS y 61.91
side N [adc counts]
side P [adc counts]

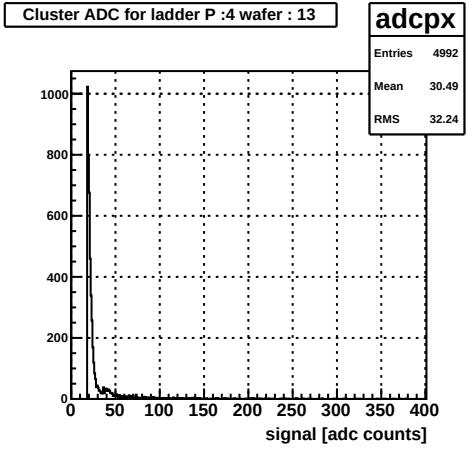

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 9744
Mean 28.26
RMS 20.68
signal [adc counts]

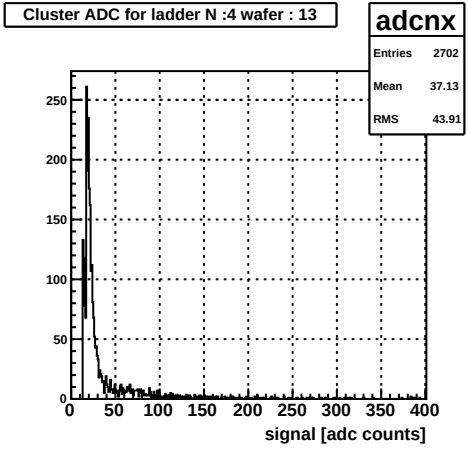

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 671
Mean 81.45
RMS 68.6
signal [adc counts]

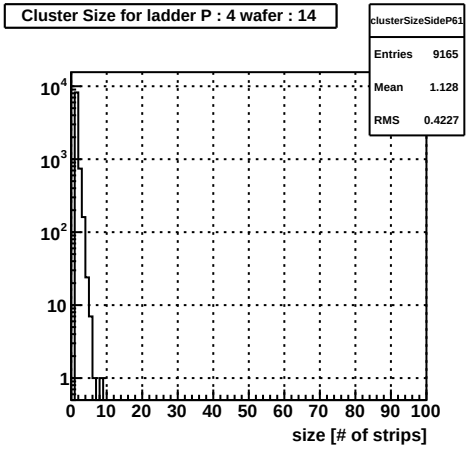

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4992
Mean 1.097
RMS 0.3516
size [# of strips]

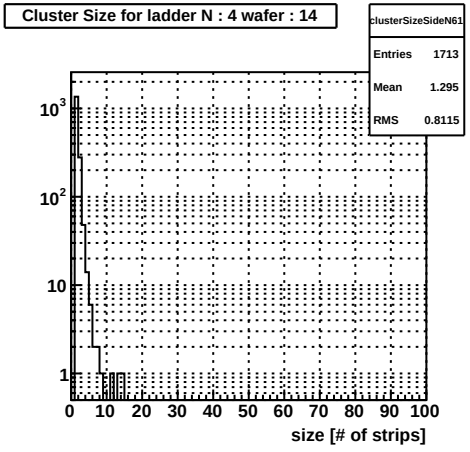

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2702
Mean 1.153
RMS 0.4754
size [# of strips]

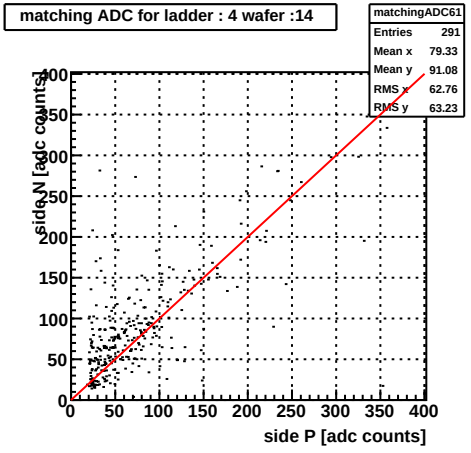

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 599
Mean x 86.9
Mean y 81.05
RMS x 68.22
RMS y 63.59
side N [adc counts]
side P [adc counts]

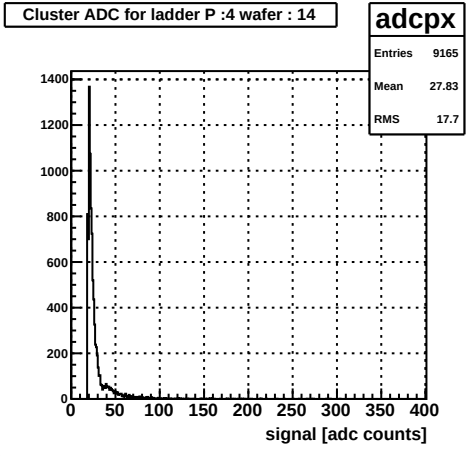

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4992
Mean 30.49
RMS 32.24
signal [adc counts]

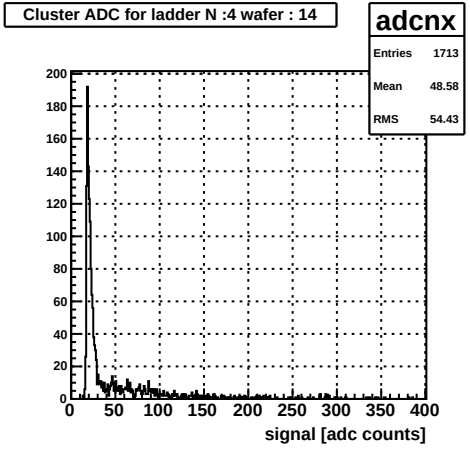

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2702
Mean 37.13
RMS 43.91
signal [adc counts]

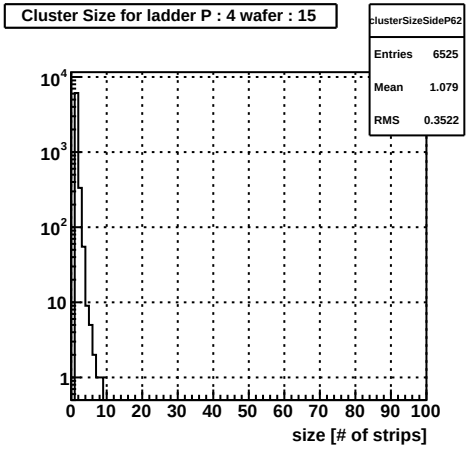

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9165
Mean 1.128
RMS 0.4227
size [# of strips]

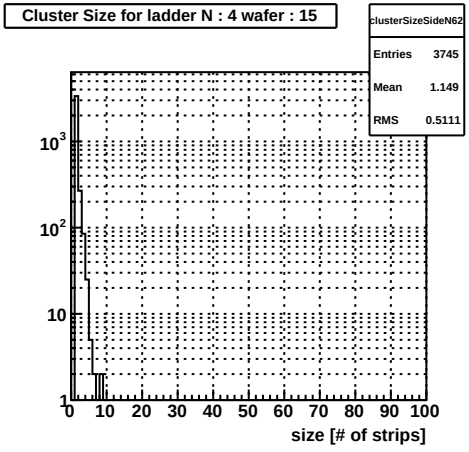

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1713
Mean 1.295
RMS 0.8115
size [# of strips]

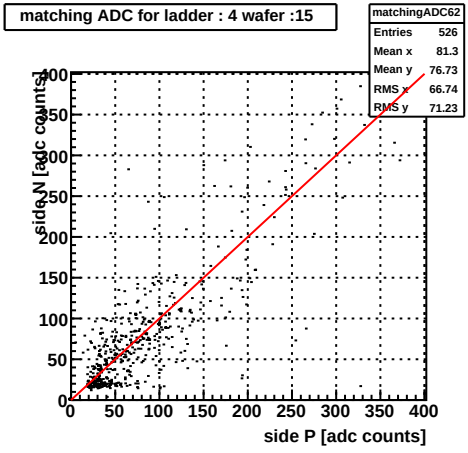

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 291
Mean x 79.33
Mean y 91.08
RMS x 62.76
RMS y 63.23
side N [adc counts]
side P [adc counts]

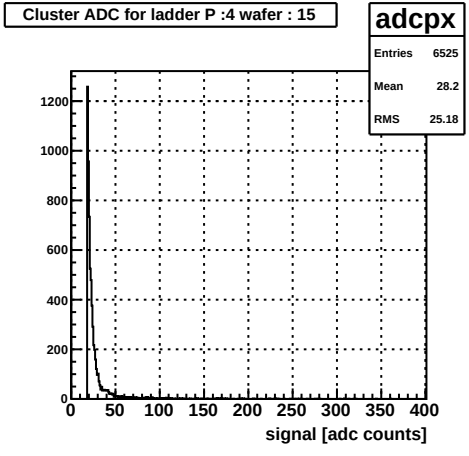

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9165
Mean 27.83
RMS 17.7
signal [adc counts]

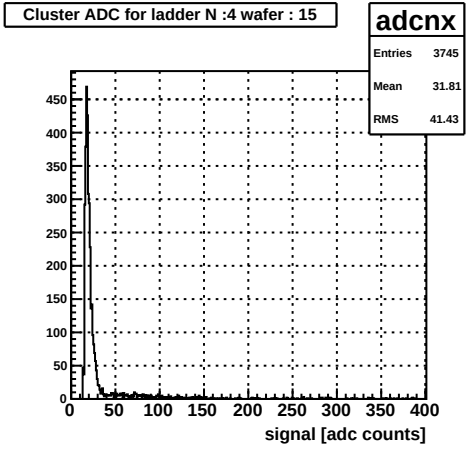

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1713
Mean 48.58
RMS 54.43
signal [adc counts]

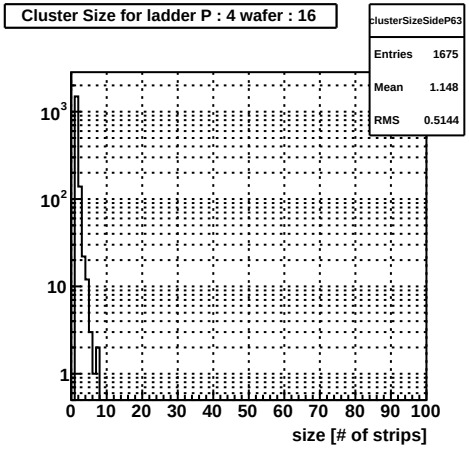

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6525
Mean 1.079
RMS 0.3522
size [# of strips]

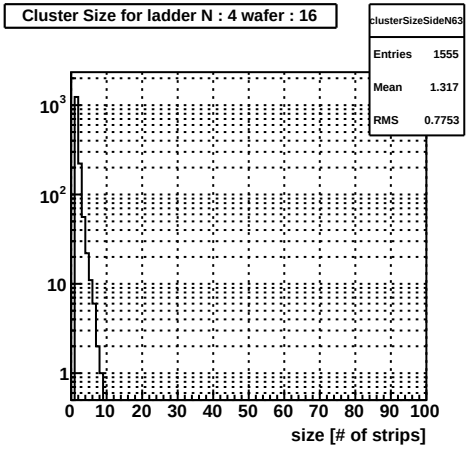

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3745
Mean 1.149
RMS 0.5111
size [# of strips]

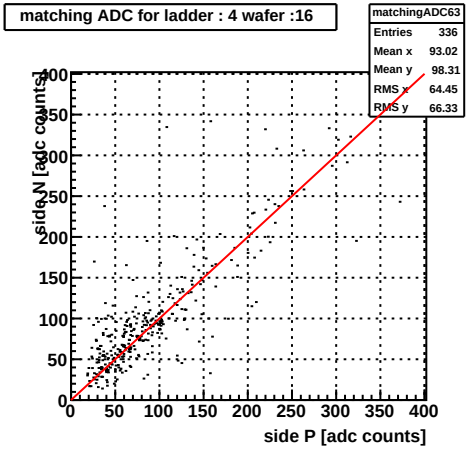

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 526
Mean x 81.3
Mean y 76.73
RMS x 66.74
RMS y 71.23
side N [adc counts]
side P [adc counts]

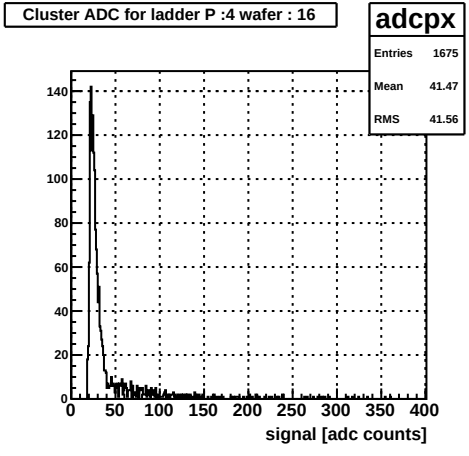

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6525
Mean 28.2
RMS 25.18
signal [adc counts]

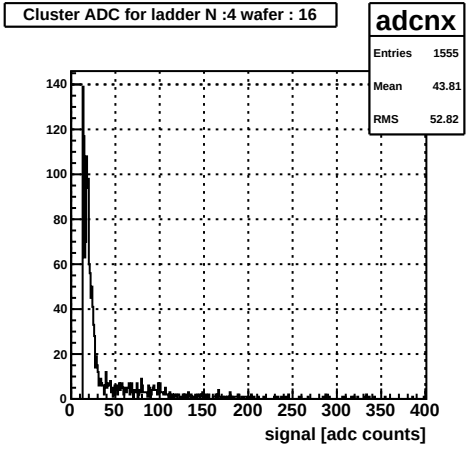

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3745
Mean 31.81
RMS 41.43
signal [adc counts]

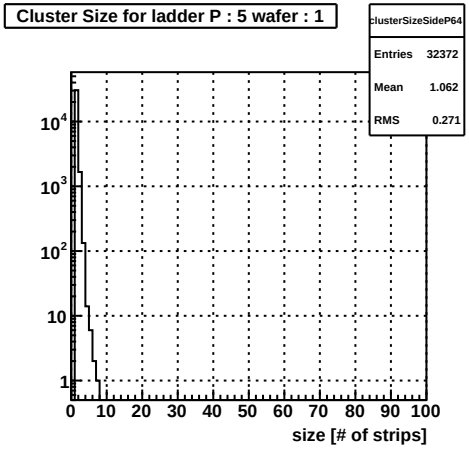

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1675
Mean 1.148
RMS 0.5144
size [# of strips]

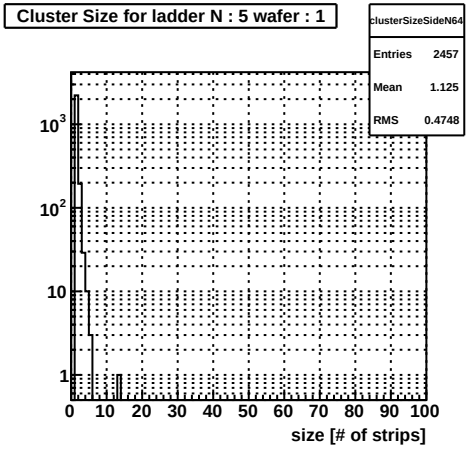

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1555
Mean 1.317
RMS 0.7753
size [# of strips]

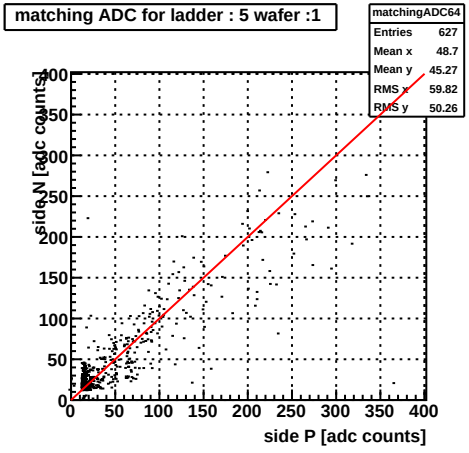

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 336
Mean x 93.02
Mean y 98.31
RMS x 64.45
RMS y 66.33
side N [adc counts]
side P [adc counts]

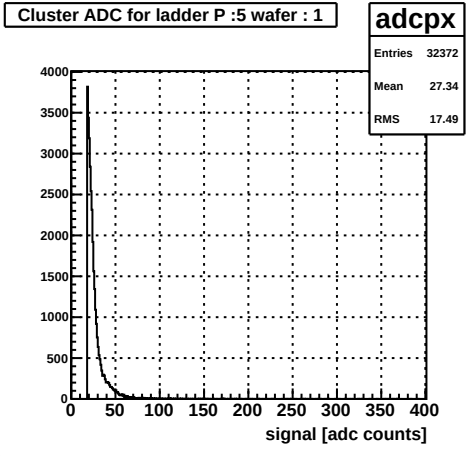

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1675
Mean 41.47
RMS 41.56
signal [adc counts]

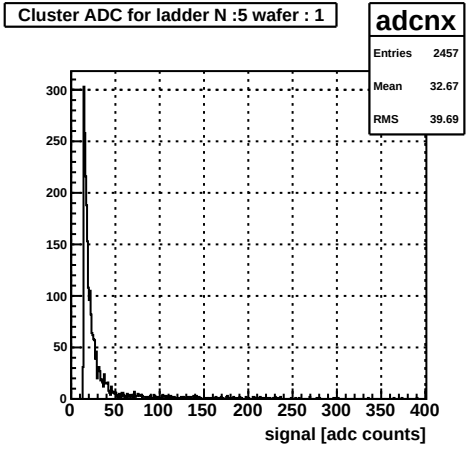

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1555
Mean 43.81
RMS 52.82
signal [adc counts]

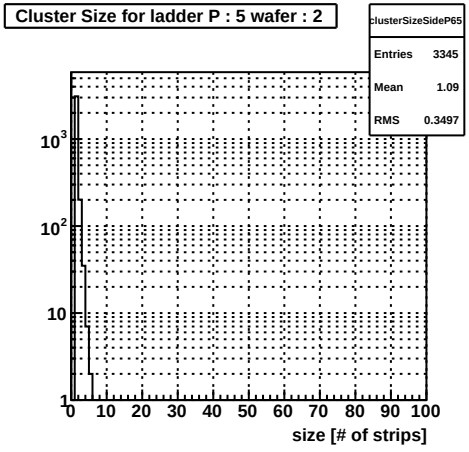

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 32372
Mean 1.062
RMS 0.271
size [# of strips]

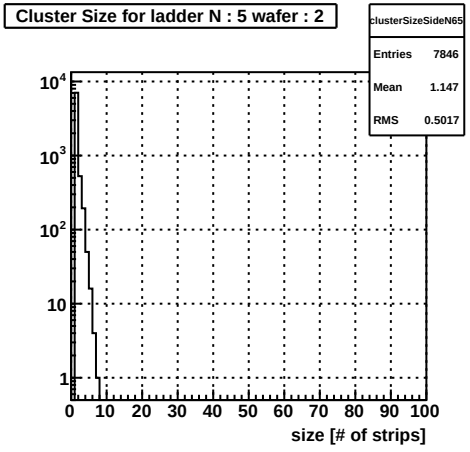

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2457
Mean 1.125
RMS 0.4748
size [# of strips]

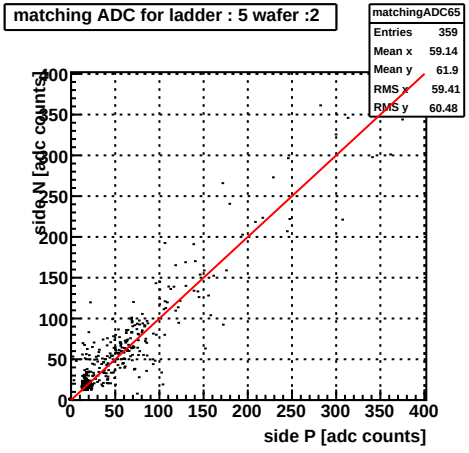

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 627
Mean x 48.7
Mean y 45.27
RMS x 59.82
RMS y 50.26
side N [adc counts]
side P [adc counts]

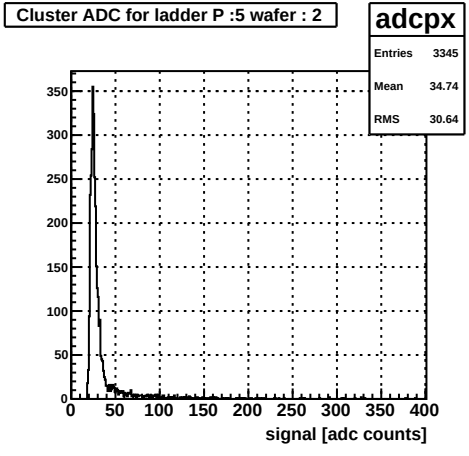

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 32372
Mean 27.34
RMS 17.49
signal [adc counts]

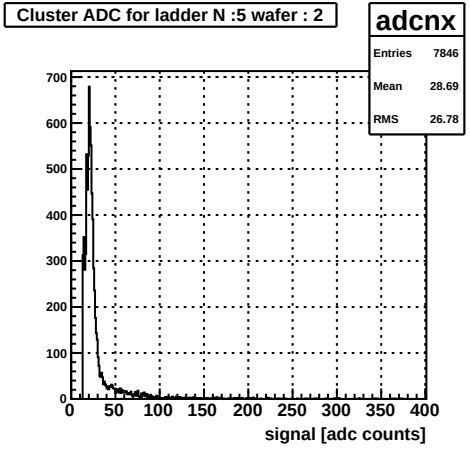

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2457
Mean 32.67
RMS 39.69
signal [adc counts]

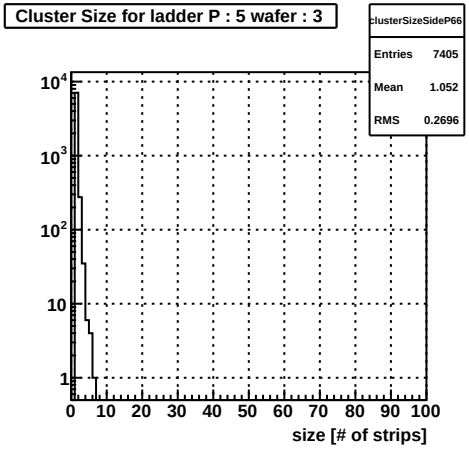

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3345
Mean 1.09
RMS 0.3497
size [# of strips]

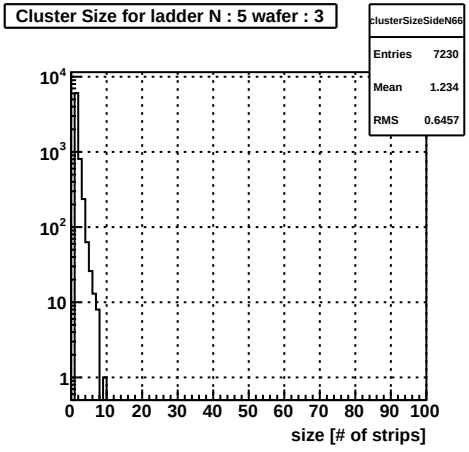

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7846
Mean 1.147
RMS 0.5017
size [# of strips]

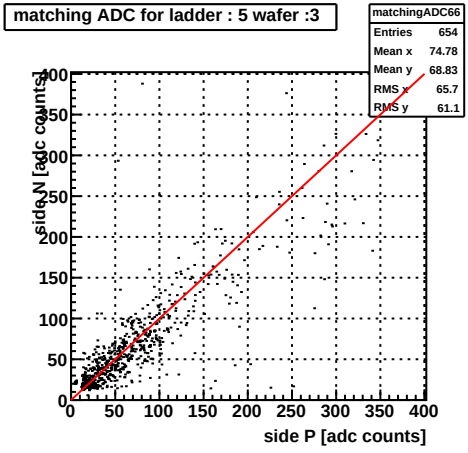

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 359
Mean x 59.14
Mean y 61.9
RMS x 59.41
RMS y 60.48
side N [adc counts]
side P [adc counts]

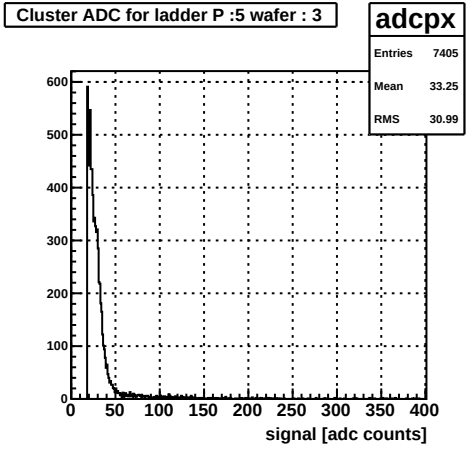

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3345
Mean 34.74
RMS 30.64
signal [adc counts]

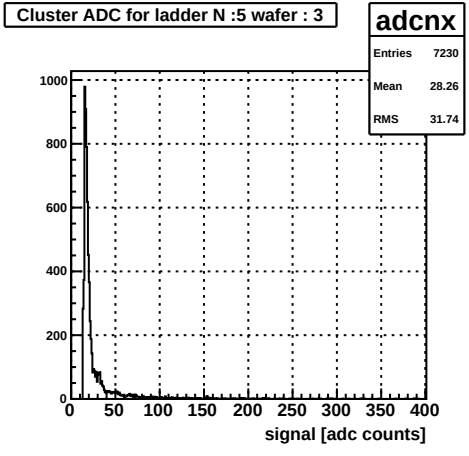

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7846
Mean 28.69
RMS 26.78
signal [adc counts]

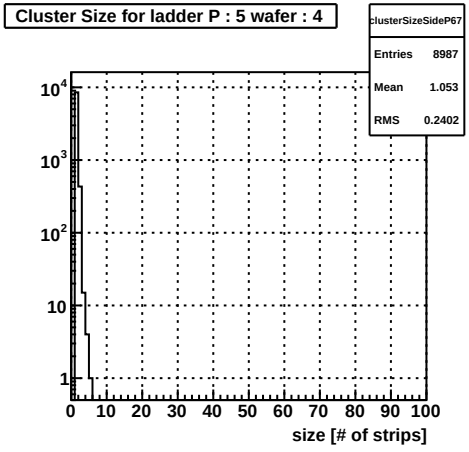

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 7405
Mean 1.052
RMS 0.2696
size [# of strips]

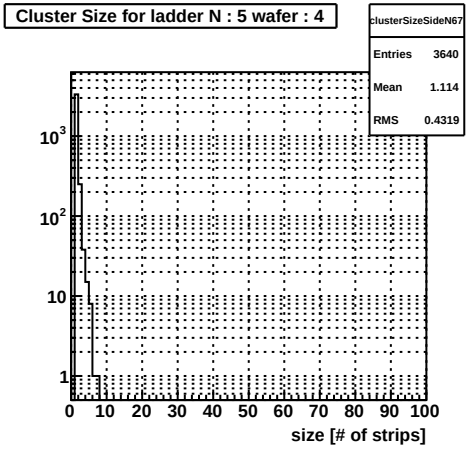

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7230
Mean 1.234
RMS 0.6457
size [# of strips]

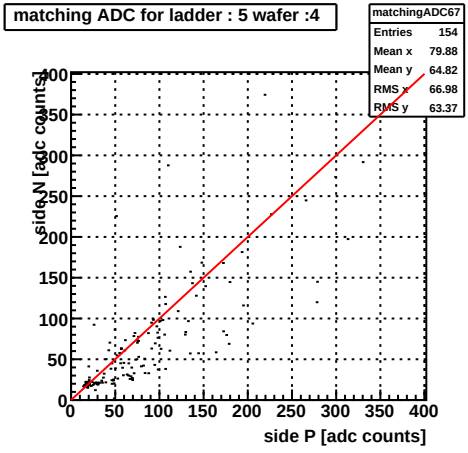

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 654
Mean x 74.78
Mean y 68.83
RMS x 65.7
RMS y 61.1
side N [adc counts]
side P [adc counts]

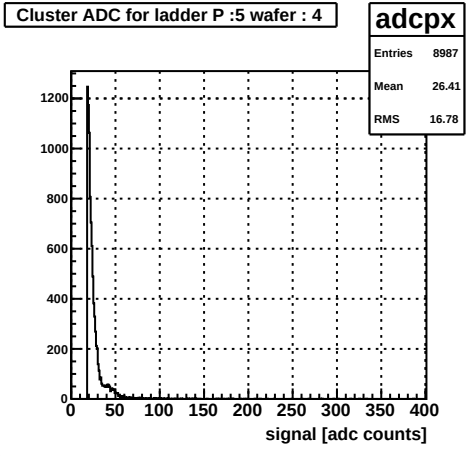

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 7405
Mean 33.25
RMS 30.99
signal [adc counts]

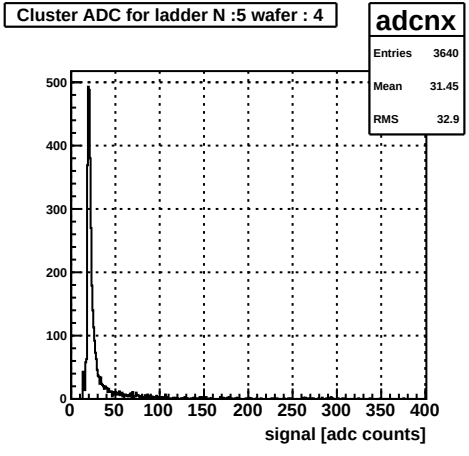

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7230
Mean 28.26
RMS 31.74
signal [adc counts]

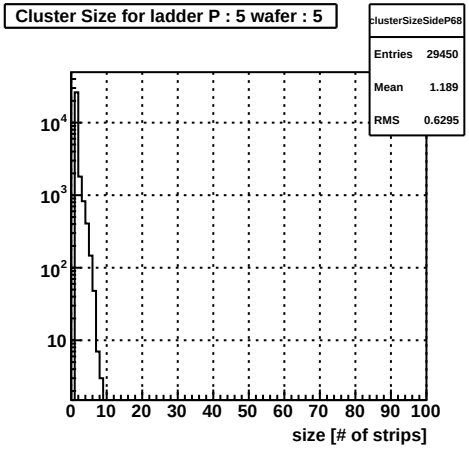

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8987
Mean 1.053
RMS 0.2402
size [# of strips]

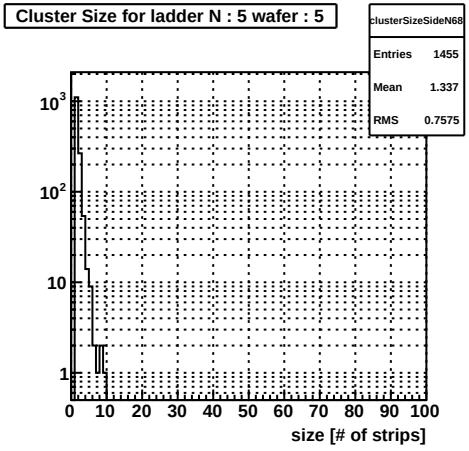

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3640
Mean 1.114
RMS 0.4319
size [# of strips]

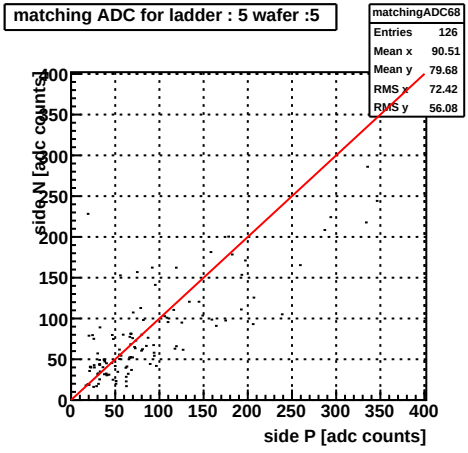

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 154
Mean x 79.88
Mean y 64.82
RMS x 66.98
RMS y 63.37
side N [adc counts]
side P [adc counts]

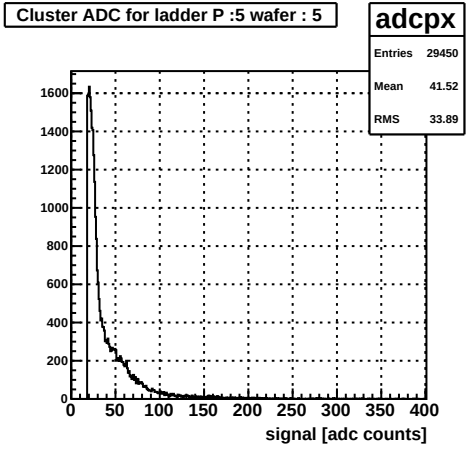

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8987
Mean 26.41
RMS 16.78
signal [adc counts]

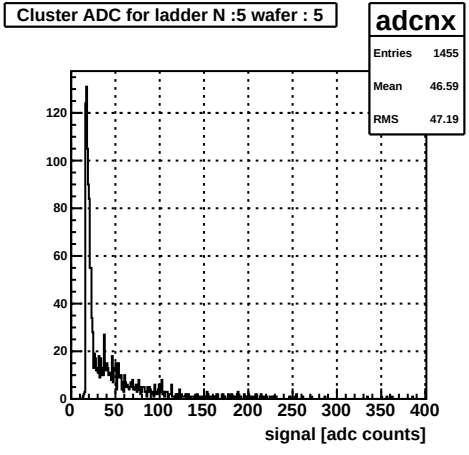

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3640
Mean 31.45
RMS 32.9
signal [adc counts]

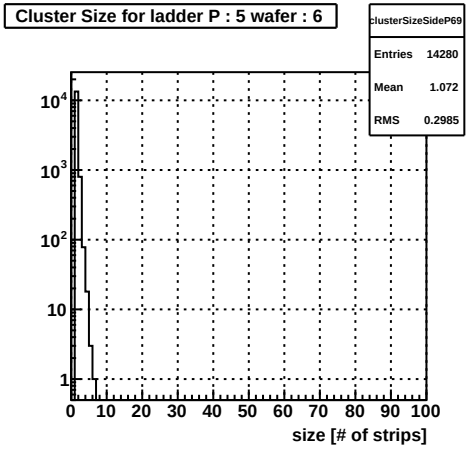

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 29450
Mean 1.189
RMS 0.6295
size [# of strips]

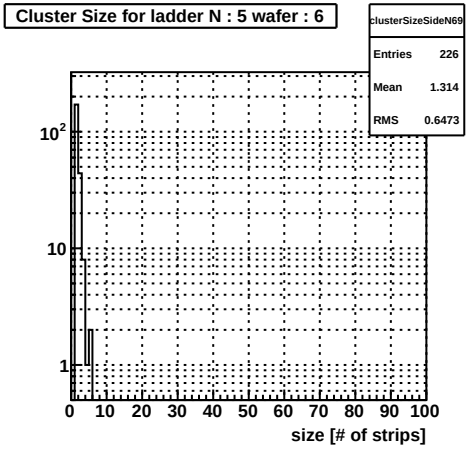

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1455
Mean 1.337
RMS 0.7575
size [# of strips]

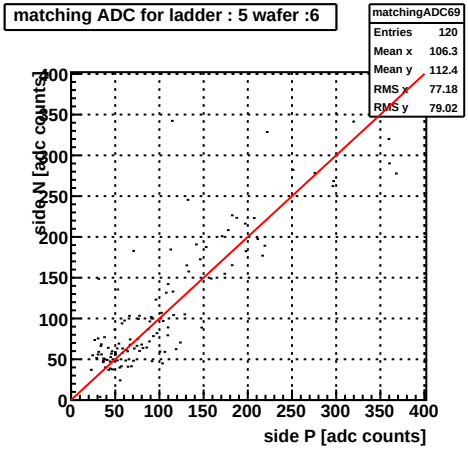

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 126
Mean x 90.51
Mean y 79.68
RMS x 72.42
RMS y 56.08
side N [adc counts]
side P [adc counts]

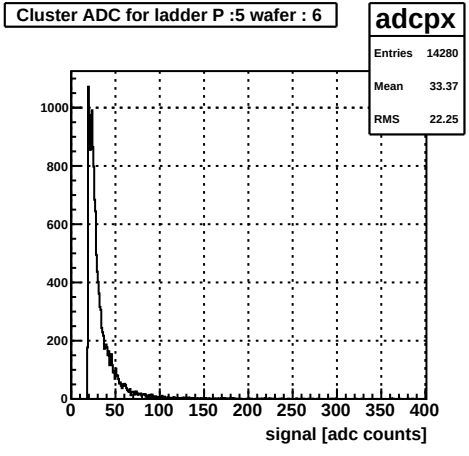

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 29450
Mean 41.52
RMS 33.89
signal [adc counts]

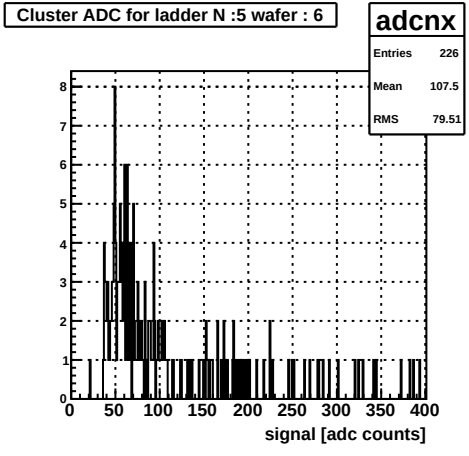

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1455
Mean 46.59
RMS 47.19
signal [adc counts]

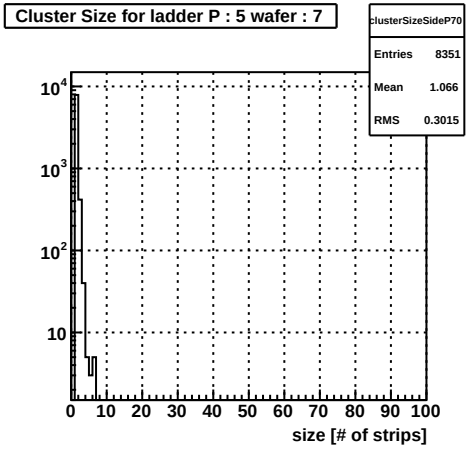

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 14280
Mean 1.072
RMS 0.2985
size [# of strips]

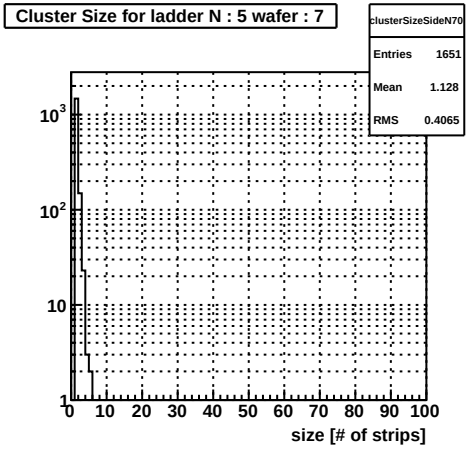

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 226
Mean 1.314
RMS 0.6473
size [# of strips]

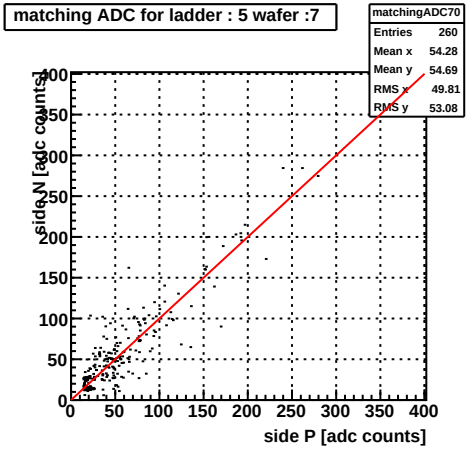

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 120
Mean x 106.3
Mean y 112.4
RMS x 77.18
RMS y 79.02
side N [adc counts]
side P [adc counts]

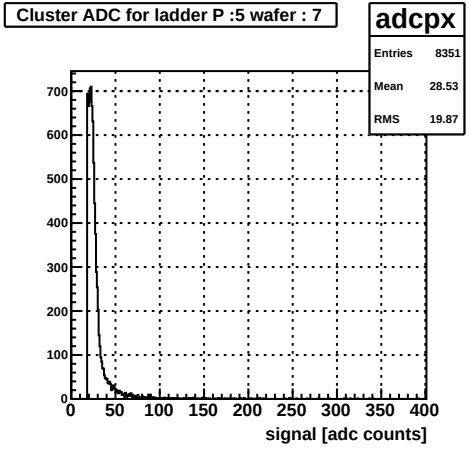

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 14280
Mean 33.37
RMS 22.25
signal [adc counts]

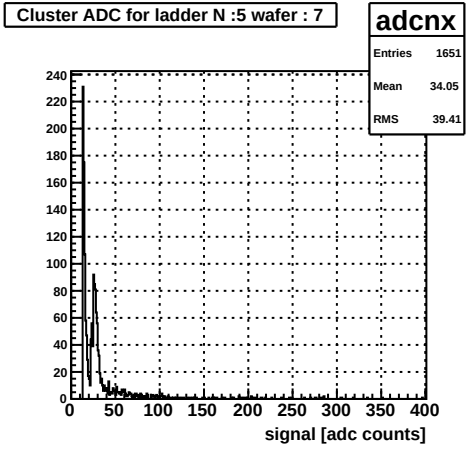

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 226
Mean 107.5
RMS 79.51
signal [adc counts]

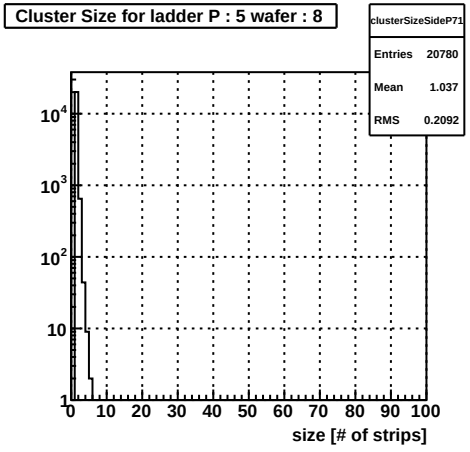

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8351
Mean 1.066
RMS 0.3015
size [# of strips]

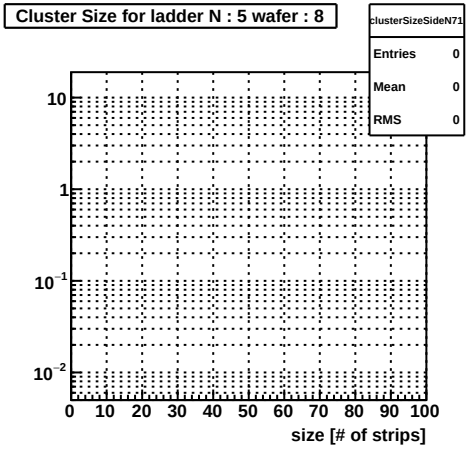

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1651
Mean 1.128
RMS 0.4065
size [# of strips]

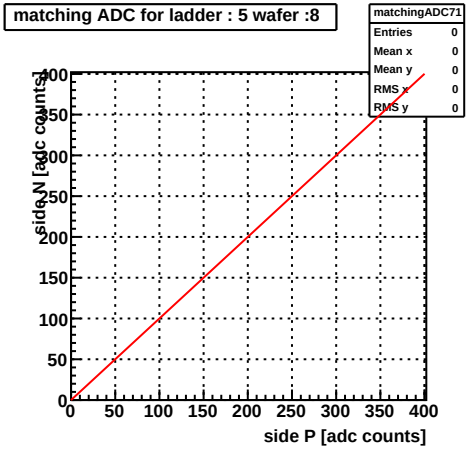

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 260
Mean x 54.28
Mean y 54.69
RMS x 49.81
RMS y 53.08
side N [adc counts]
side P [adc counts]

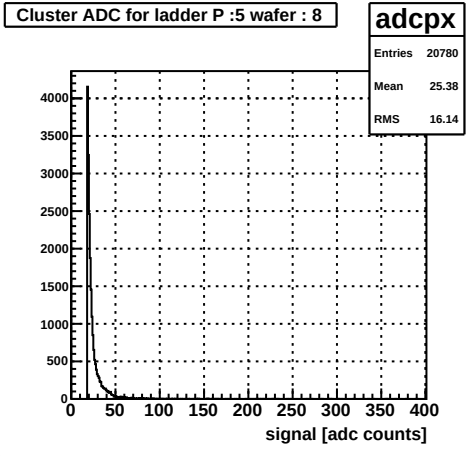

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8351
Mean 28.53
RMS 19.87
signal [adc counts]

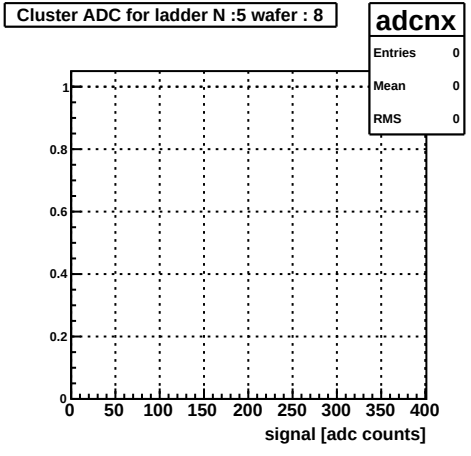

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1651
Mean 34.05
RMS 39.41
signal [adc counts]

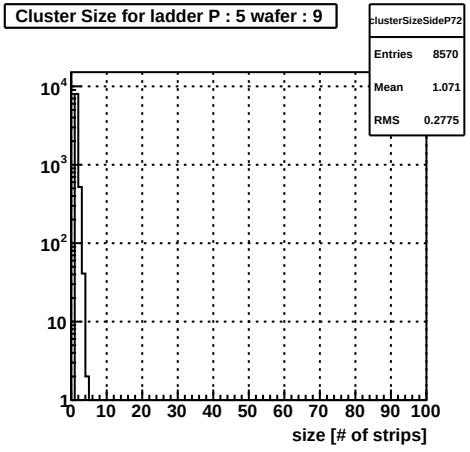

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 20780
Mean 1.037
RMS 0.2092
size [# of strips]

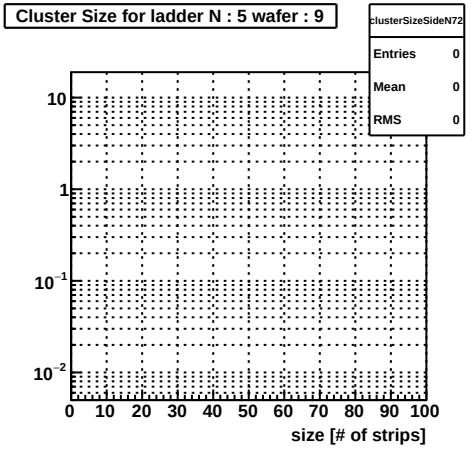

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

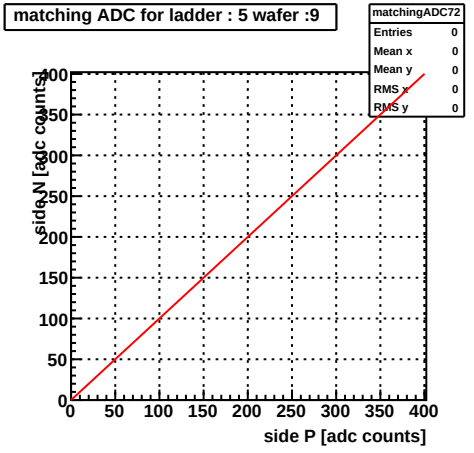

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

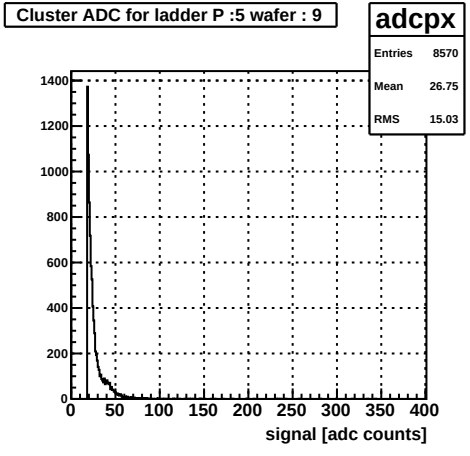

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 20780
Mean 25.38
RMS 16.14
signal [adc counts]

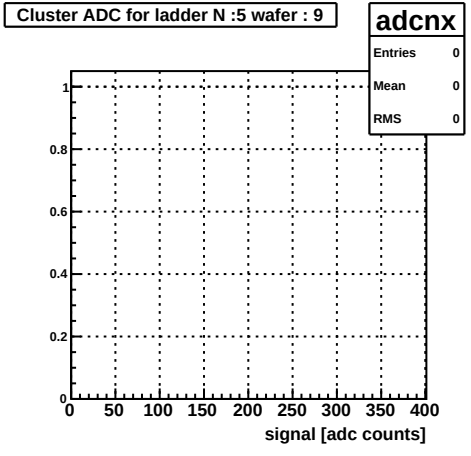

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

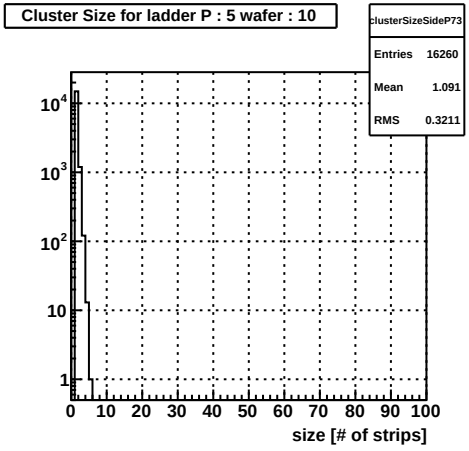

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8570
Mean 1.071
RMS 0.2775
size [# of strips]

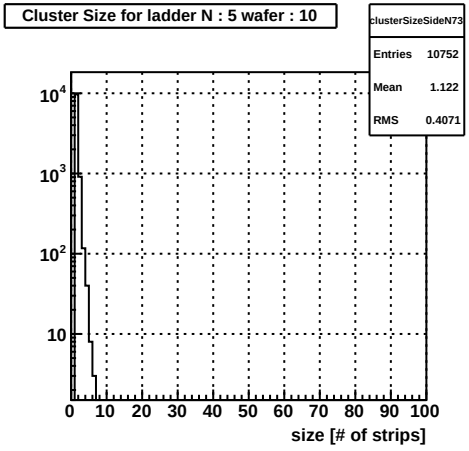

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

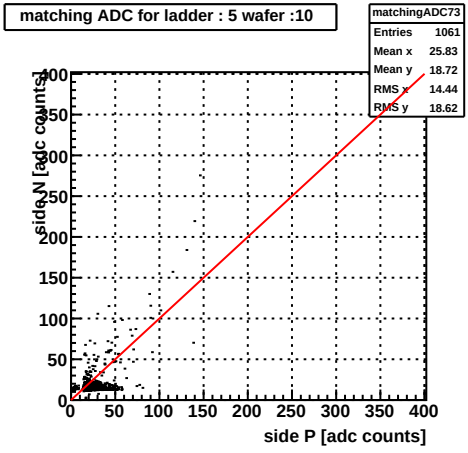

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

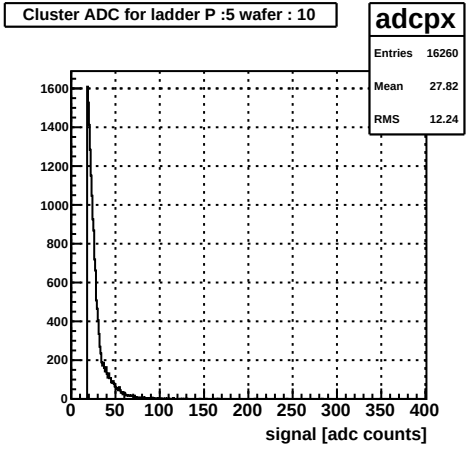

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8570
Mean 26.75
RMS 15.03
signal [adc counts]

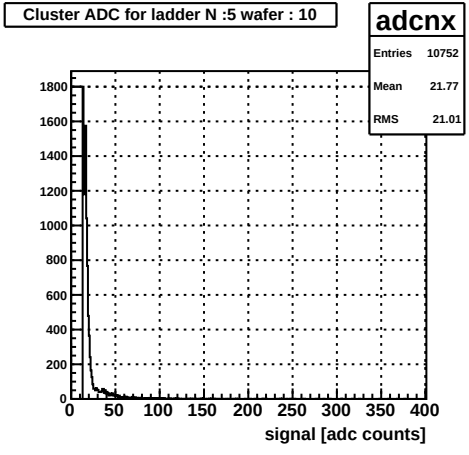

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

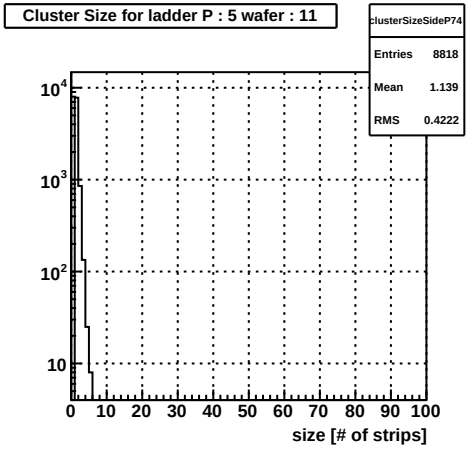

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 16260
Mean 1.091
RMS 0.3211
size [# of strips]

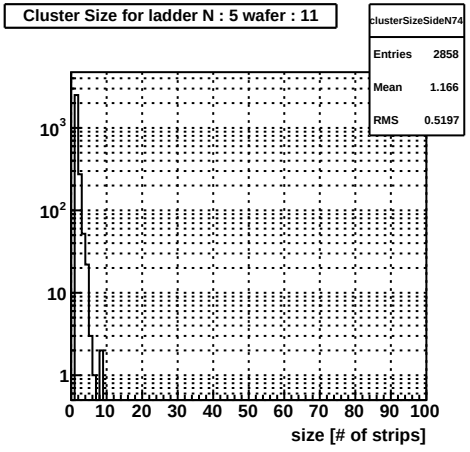

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10752
Mean 1.122
RMS 0.4071
size [# of strips]

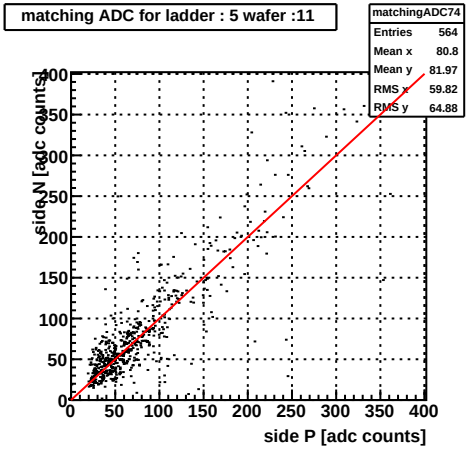

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1061
Mean x 25.83
Mean y 18.72
RMS x 14.44
RMS y 18.62
side N [adc counts]
side P [adc counts]

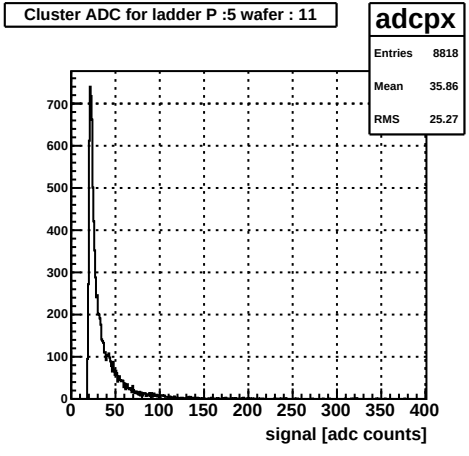

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 16260
Mean 27.82
RMS 12.24
signal [adc counts]

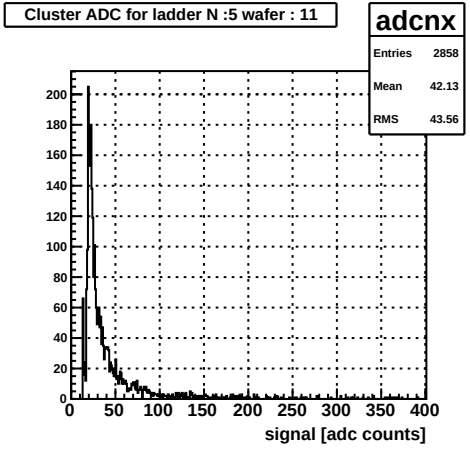

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10752
Mean 21.77
RMS 21.01
signal [adc counts]

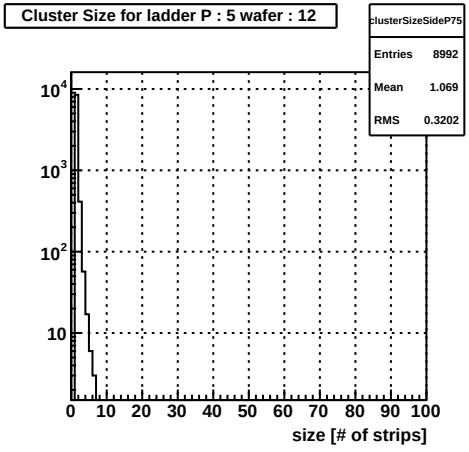

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8818
Mean 1.139
RMS 0.4222
size [# of strips]

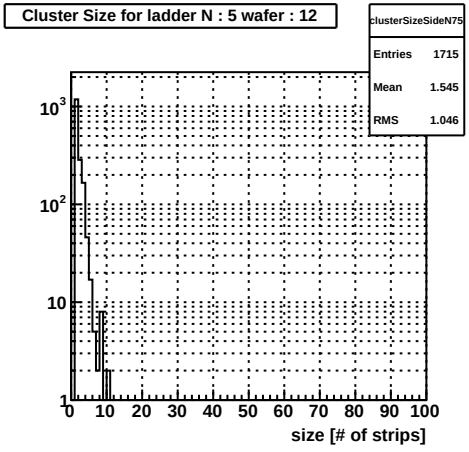

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2858
Mean 1.166
RMS 0.5197
size [# of strips]

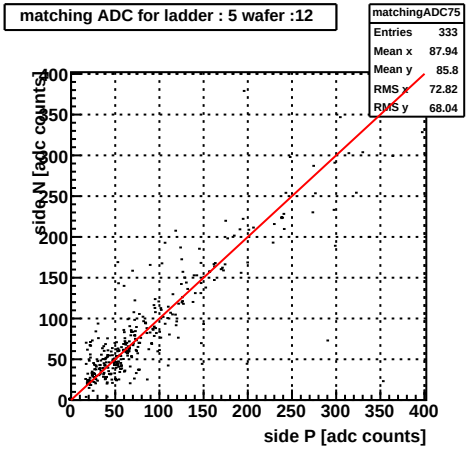

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 564
Mean x 80.8
Mean y 81.97
RMS x 59.82
RMS y 64.88
side N [adc counts]
side P [adc counts]

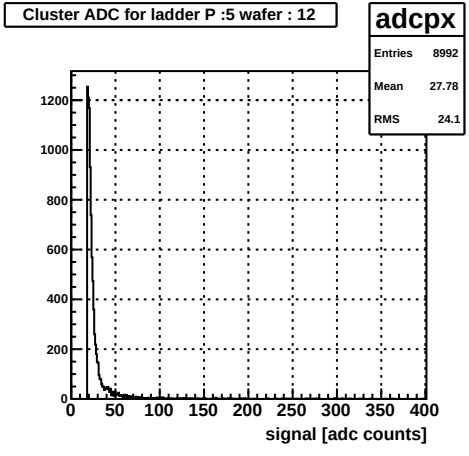

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8818
Mean 35.86
RMS 25.27
signal [adc counts]

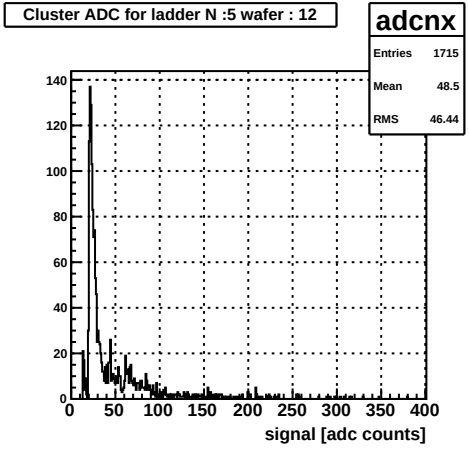

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2858
Mean 42.13
RMS 43.56
signal [adc counts]

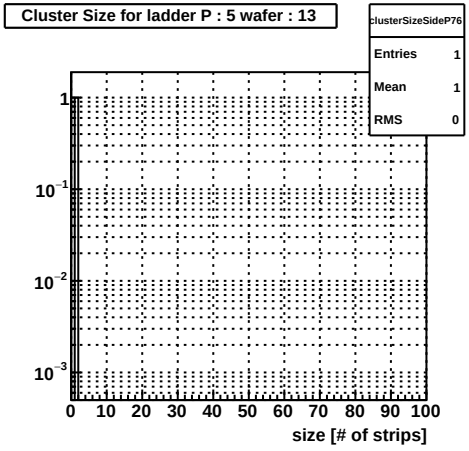

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8992
Mean 1.069
RMS 0.3202
size [# of strips]

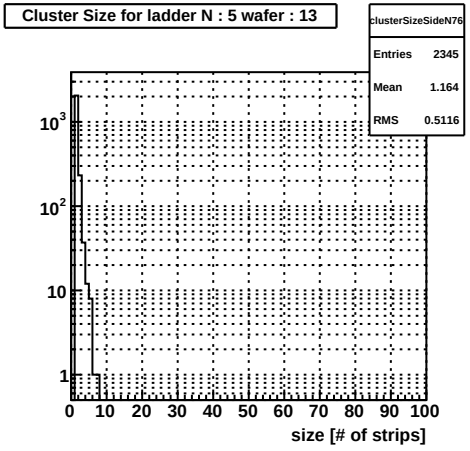

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1715
Mean 1.545
RMS 1.046
size [# of strips]

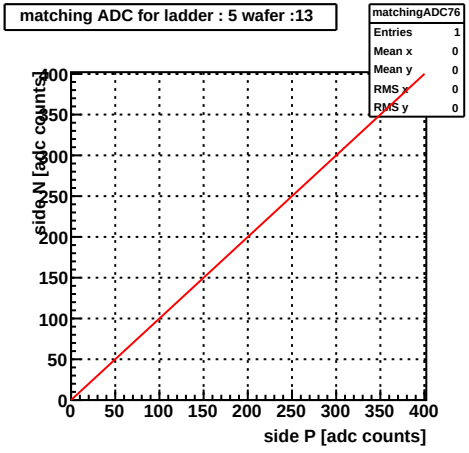

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 333
Mean x 87.94
Mean y 85.8
RMS x 72.82
RMS y 68.04
side N [adc counts]
side P [adc counts]

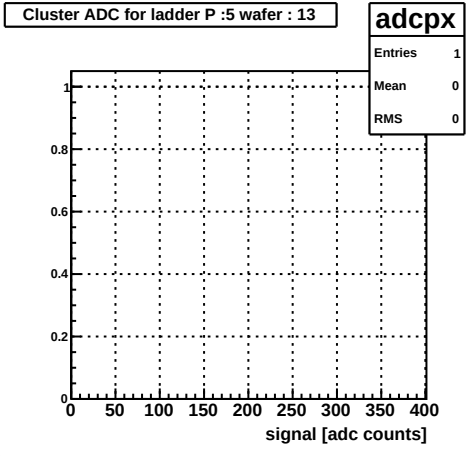

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8992
Mean 27.78
RMS 24.1
signal [adc counts]

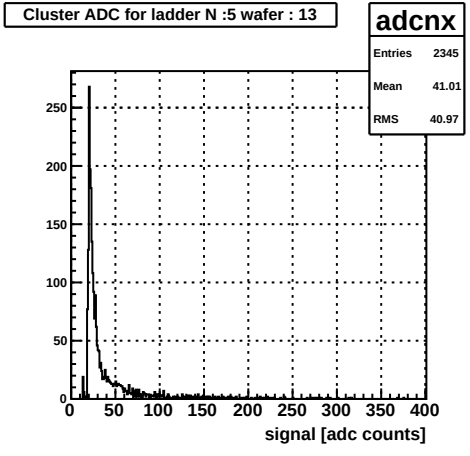

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1715
Mean 48.5
RMS 46.44
signal [adc counts]

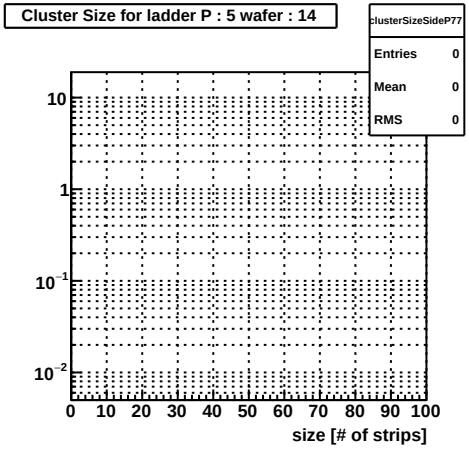

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

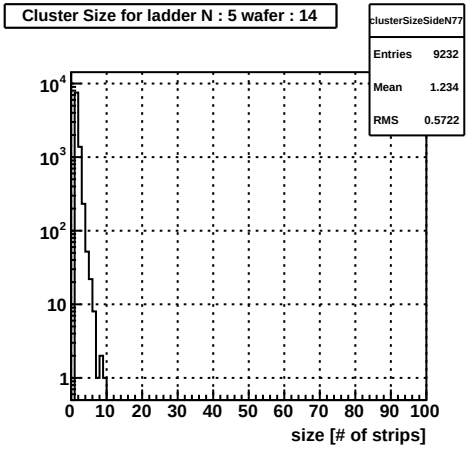

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2345
Mean 1.164
RMS 0.5116
size [# of strips]

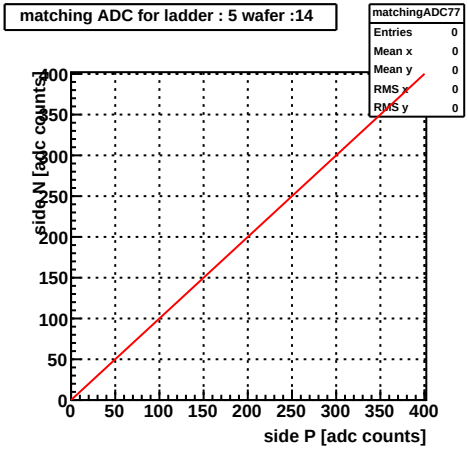

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

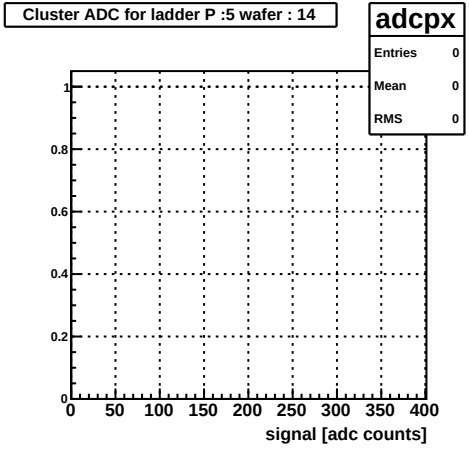

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

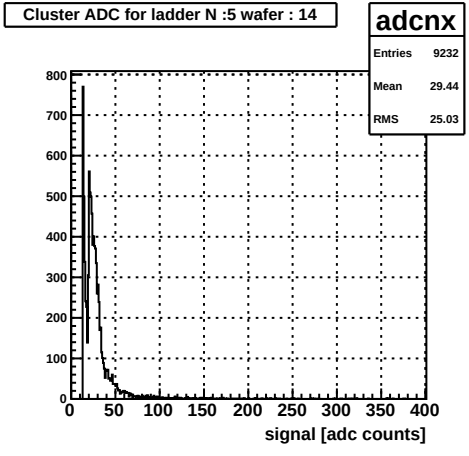

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2345
Mean 41.01
RMS 40.97
signal [adc counts]

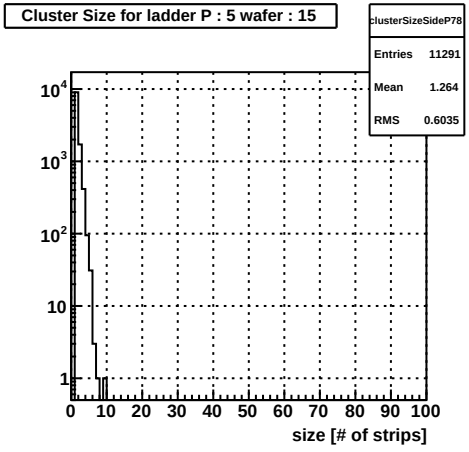

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

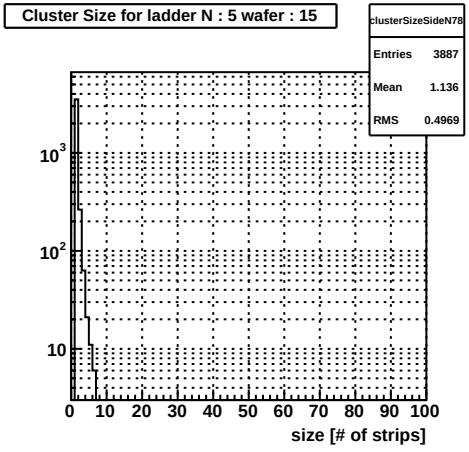

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 9232
Mean 1.234
RMS 0.5722
size [# of strips]

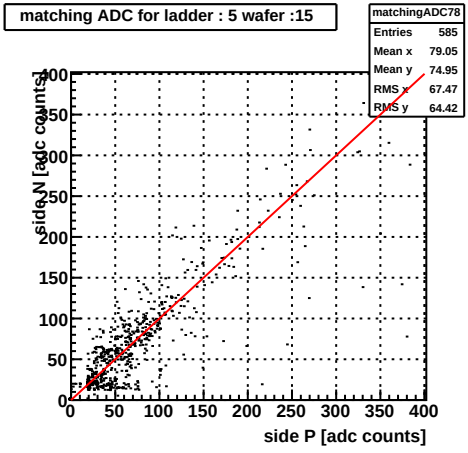

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

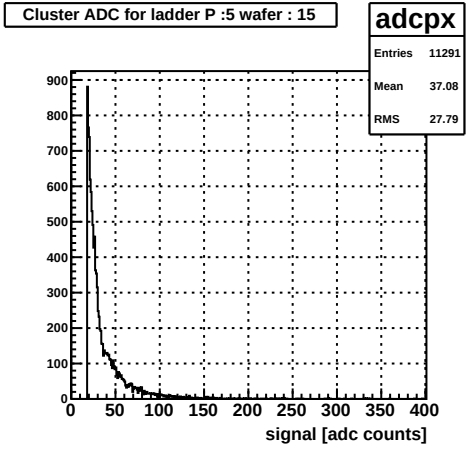

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

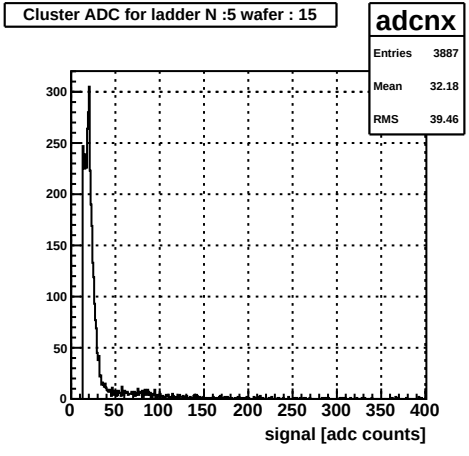

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 9232
Mean 29.44
RMS 25.03
signal [adc counts]

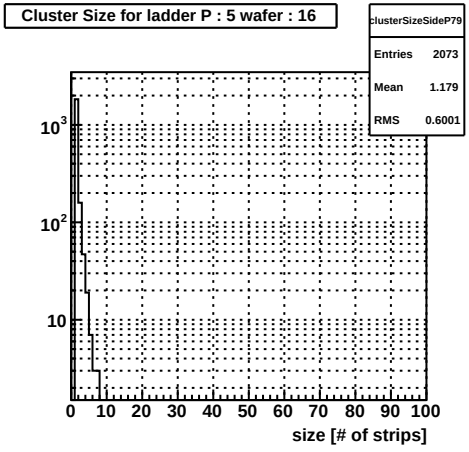

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 11291
Mean 1.264
RMS 0.6035
size [# of strips]

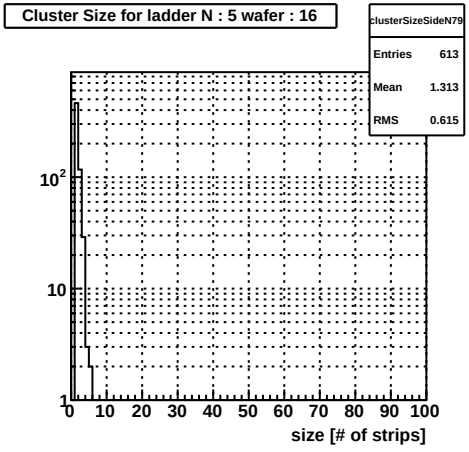

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3887
Mean 1.136
RMS 0.4969
size [# of strips]

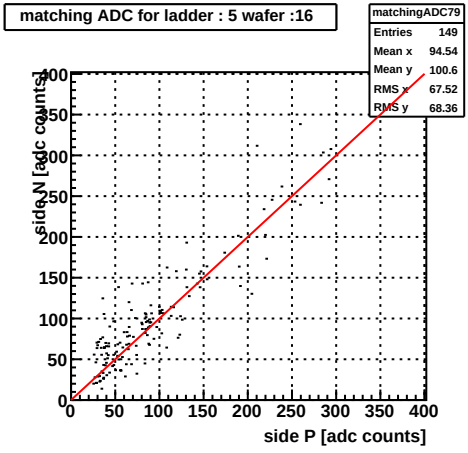

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 585
Mean x 79.05
Mean y 74.95
RMS x 67.47
RMS y 64.42
side N [adc counts]
side P [adc counts]

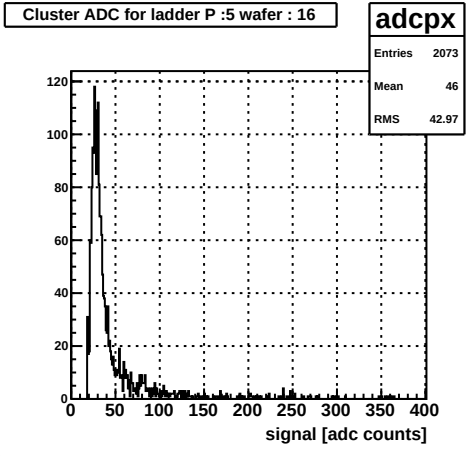

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 11291
Mean 37.08
RMS 27.79
signal [adc counts]

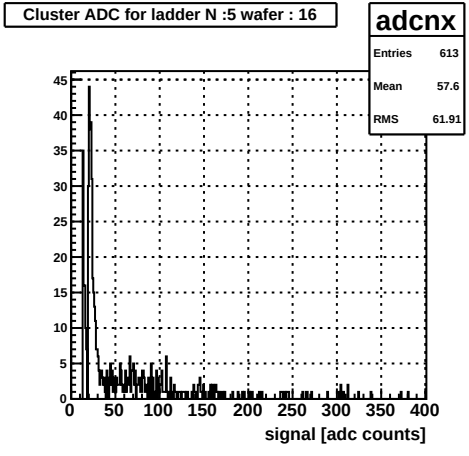

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3887
Mean 32.18
RMS 39.46
signal [adc counts]

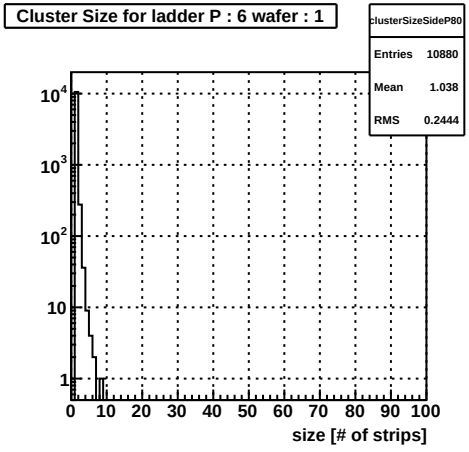

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2073
Mean 1.179
RMS 0.6001
size [# of strips]

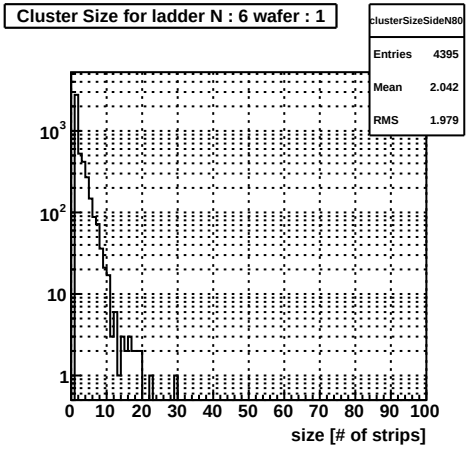

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 613
Mean 1.313
RMS 0.615
size [# of strips]

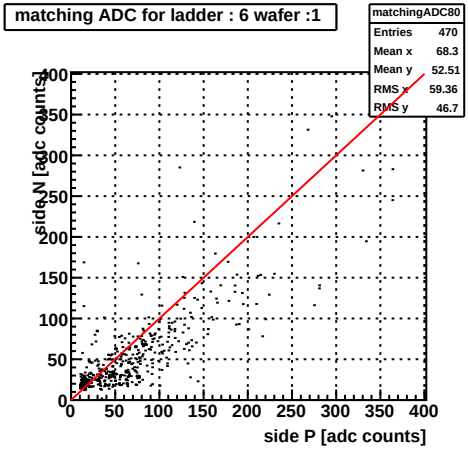

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 149
Mean x 94.54
Mean y 100.6
RMS x 67.52
RMS y 68.36
side N [adc counts]
side P [adc counts]

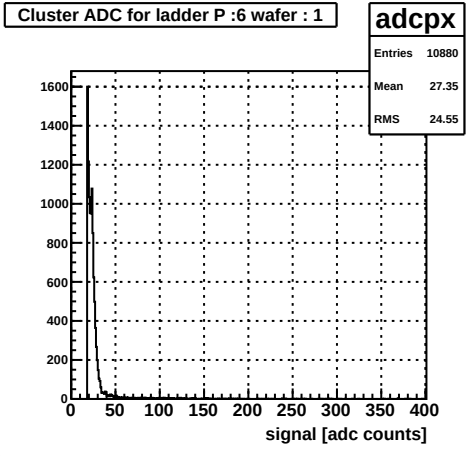

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2073
Mean 46
RMS 42.97
signal [adc counts]

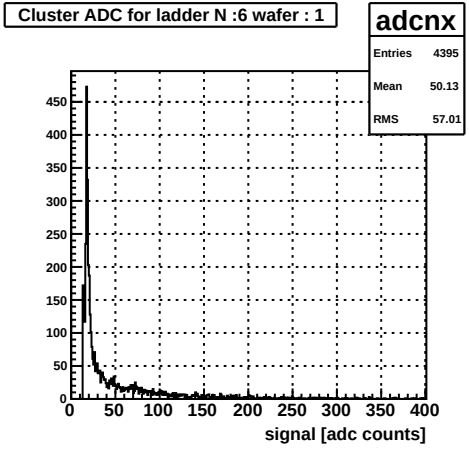

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 613
Mean 57.6
RMS 61.91
signal [adc counts]

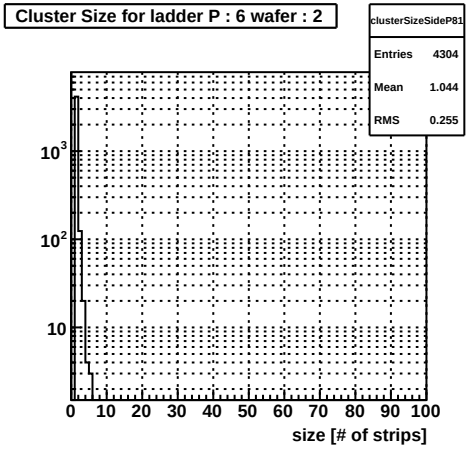

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10880
Mean 1.038
RMS 0.2444
size [# of strips]

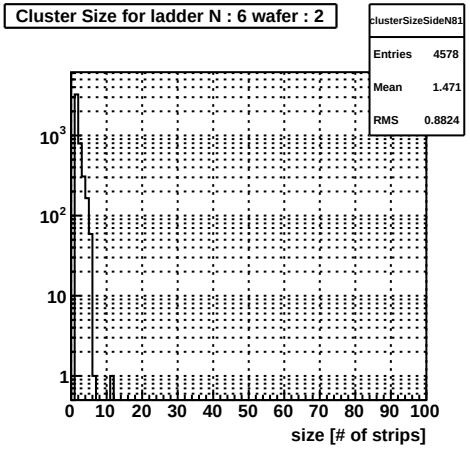

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4395
Mean 2.042
RMS 1.979
size [# of strips]

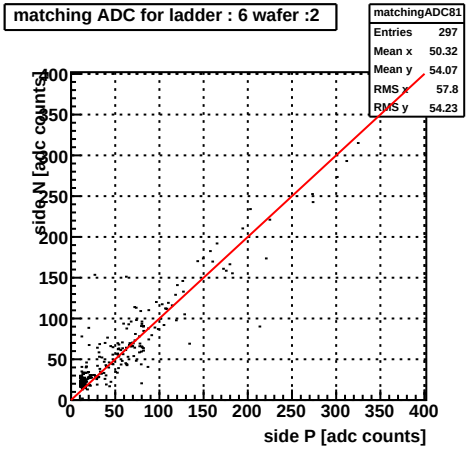

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 470
Mean x 68.3
Mean y 52.51
RMS x 59.36
RMS y 46.7
side N [adc counts]
side P [adc counts]

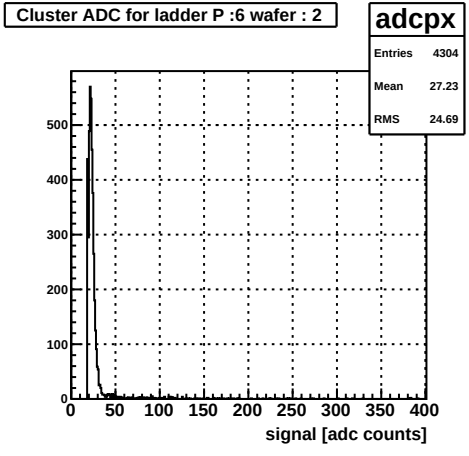

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10880
Mean 27.35
RMS 24.55
signal [adc counts]

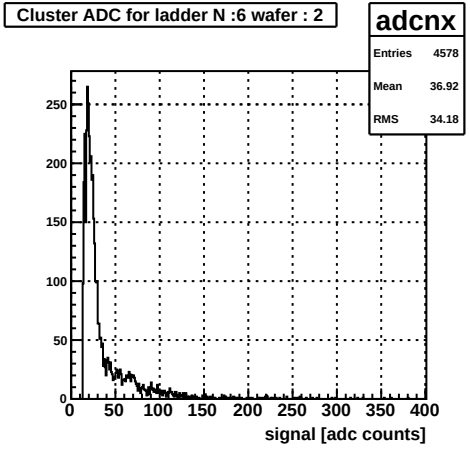

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4395
Mean 50.13
RMS 57.01
signal [adc counts]

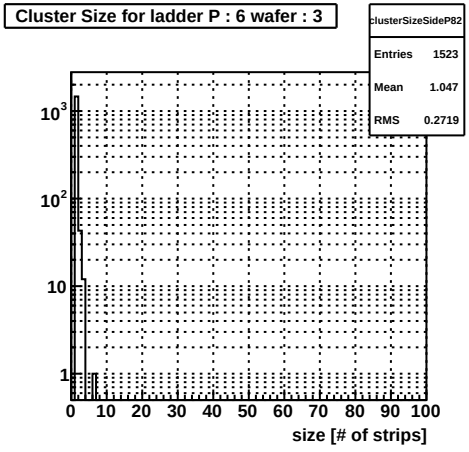

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4304
Mean 1.044
RMS 0.255
size [# of strips]

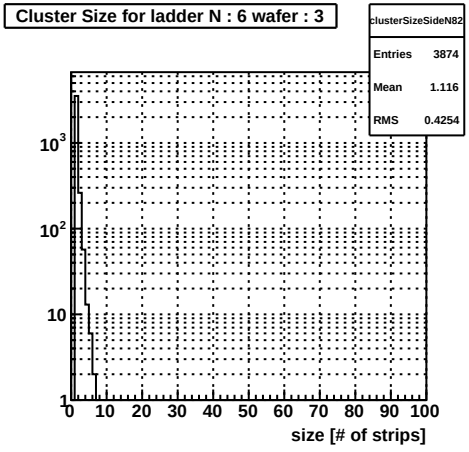

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 4578
Mean 1.471
RMS 0.8824
size [# of strips]

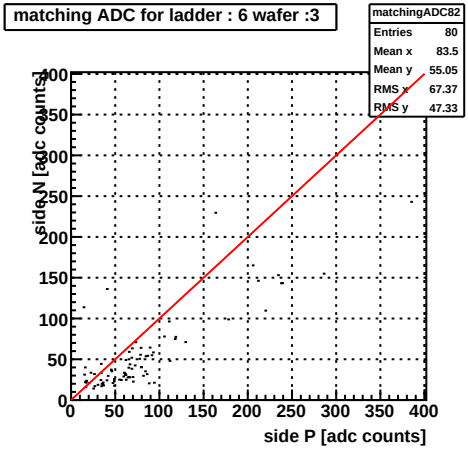

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 297
Mean x 50.32
Mean y 54.07
RMS x 57.8
RMS y 54.23
side N [adc counts]
side P [adc counts]

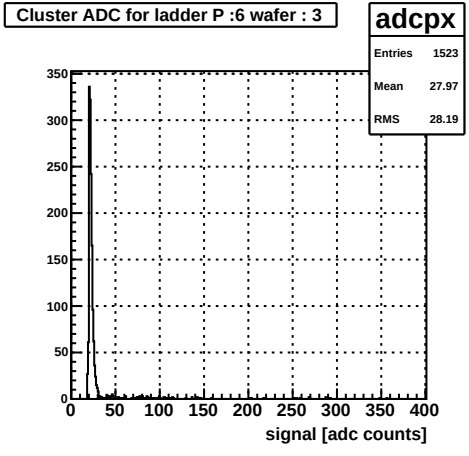

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4304
Mean 27.23
RMS 24.69
signal [adc counts]

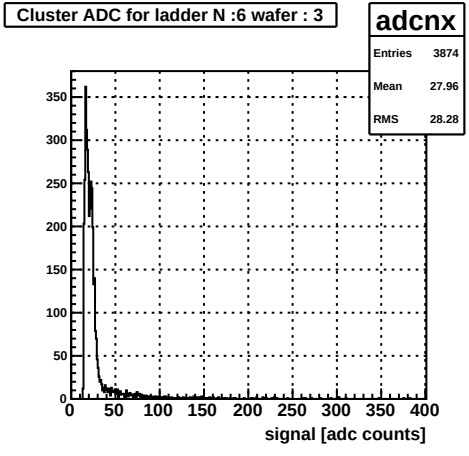

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 4578
Mean 36.92
RMS 34.18
signal [adc counts]

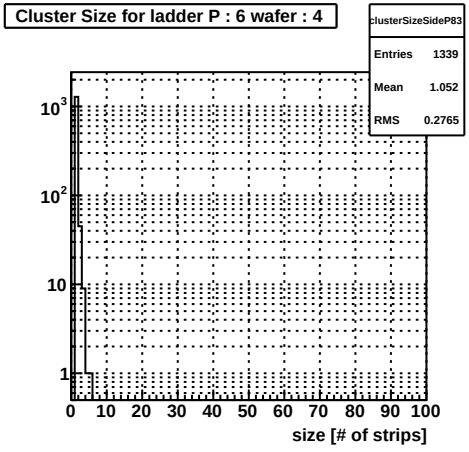

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1523
Mean 1.047
RMS 0.2719
size [# of strips]

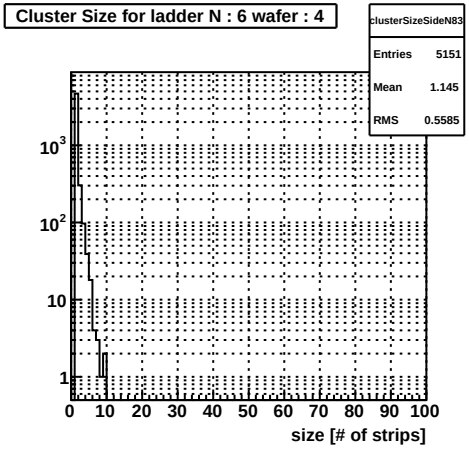

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3874
Mean 1.116
RMS 0.4254
size [# of strips]

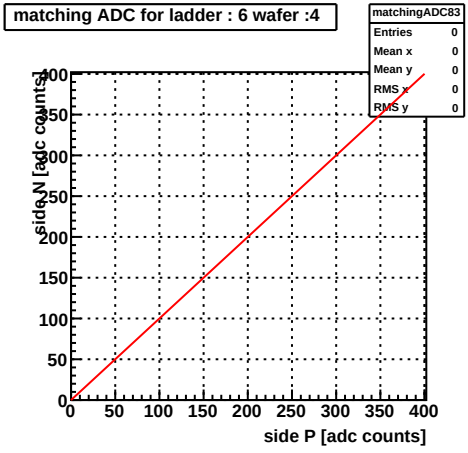

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 80
Mean x 83.5
Mean y 55.05
RMS x 67.37
RMS y 47.33
side N [adc counts]
side P [adc counts]

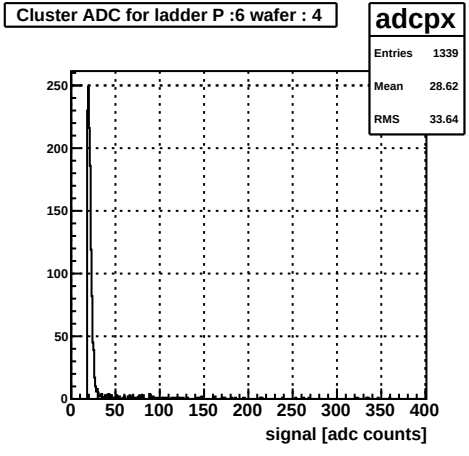

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1523
Mean 27.97
RMS 28.19
signal [adc counts]

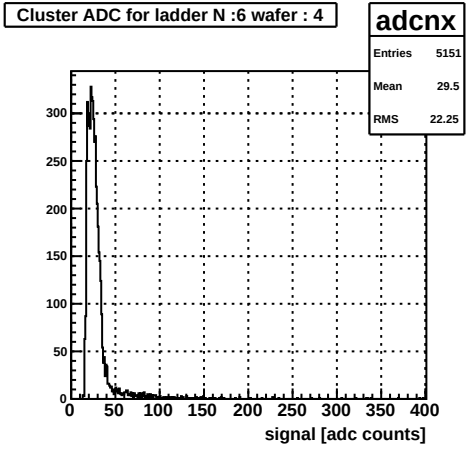

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3874
Mean 27.96
RMS 28.28
signal [adc counts]

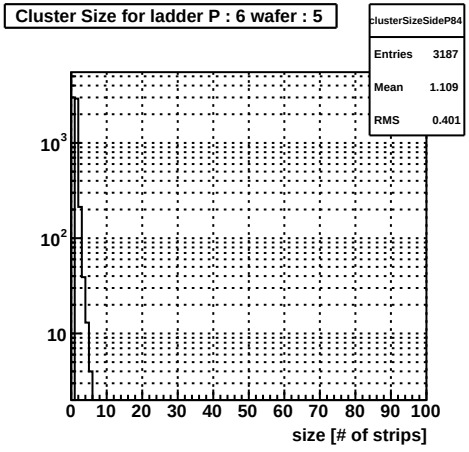

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1339
Mean 1.052
RMS 0.2765
size [# of strips]

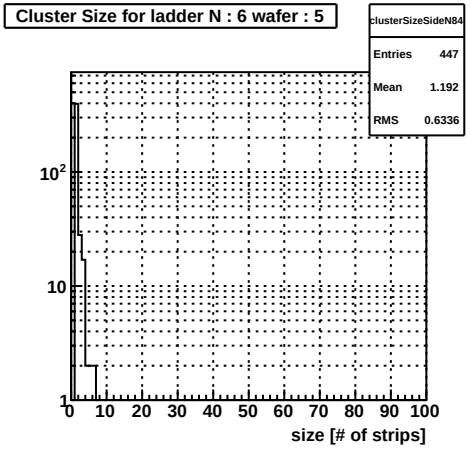

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5151
Mean 1.145
RMS 0.5585
size [# of strips]

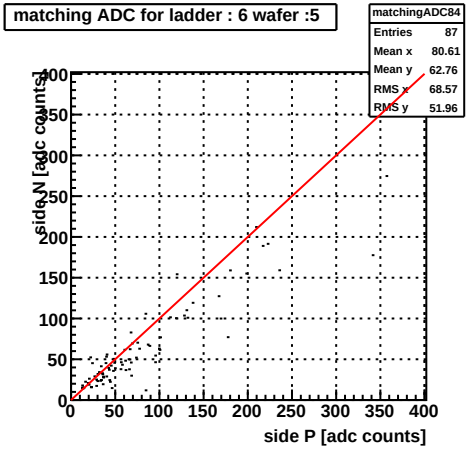

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

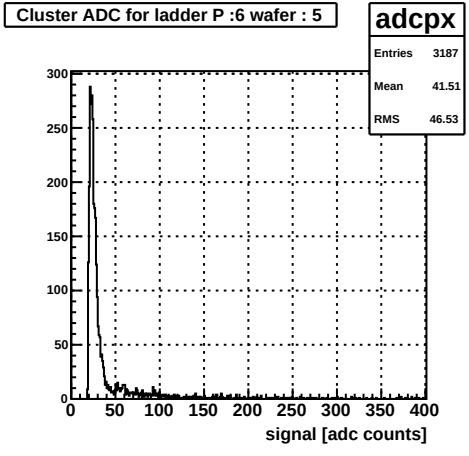

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1339
Mean 28.62
RMS 33.64
signal [adc counts]

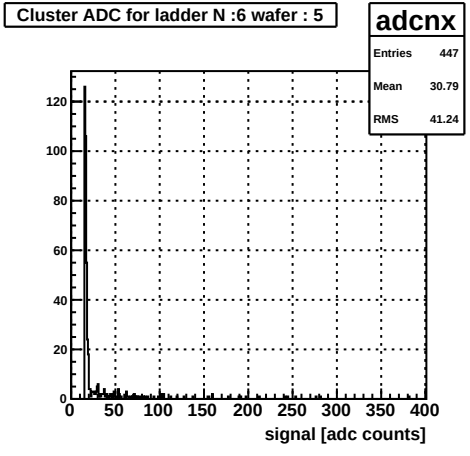

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5151
Mean 29.5
RMS 22.25
signal [adc counts]

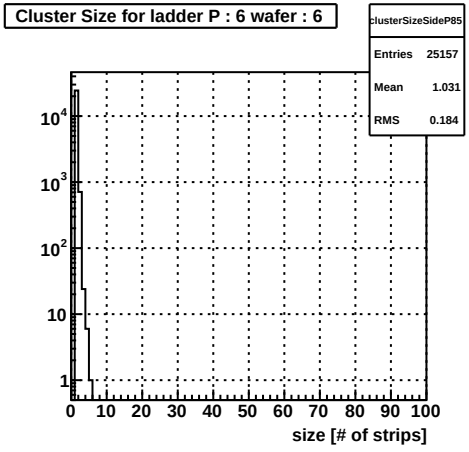

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3187
Mean 1.109
RMS 0.401
size [# of strips]

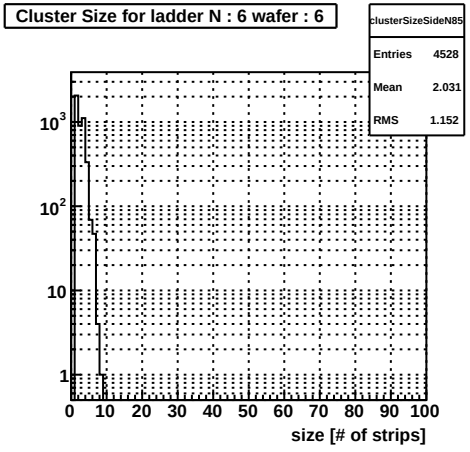

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 447
Mean 1.192
RMS 0.6336
size [# of strips]

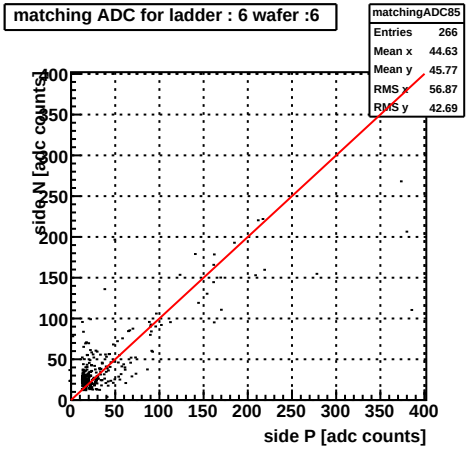

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 87
Mean x 80.61
Mean y 62.76
RMS x 68.57
RMS y 51.96
side N [adc counts]
side P [adc counts]

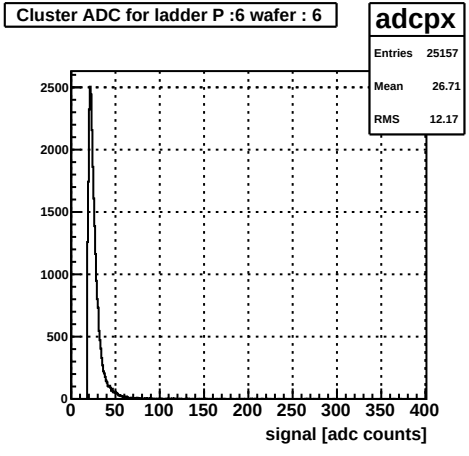

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3187
Mean 41.51
RMS 46.53
signal [adc counts]

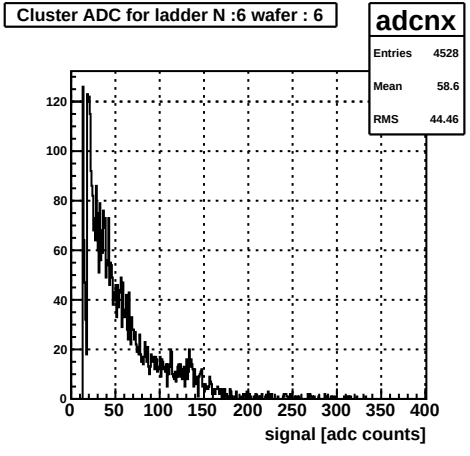

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 447
Mean 30.79
RMS 41.24
signal [adc counts]

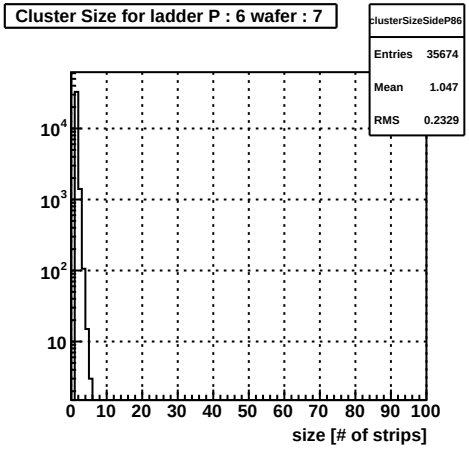

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 25157
Mean 1.031
RMS 0.184
size [# of strips]

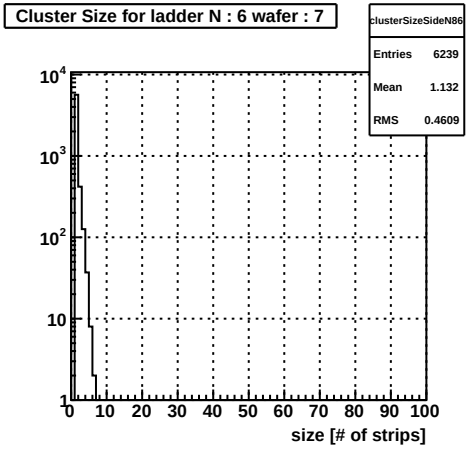

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4528
Mean 2.031
RMS 1.152
size [# of strips]

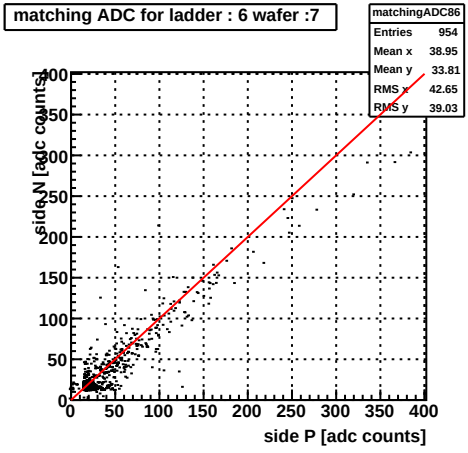

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 266
Mean x 44.63
Mean y 45.77
RMS x 56.87
RMS y 42.69
side N [adc counts]
side P [adc counts]

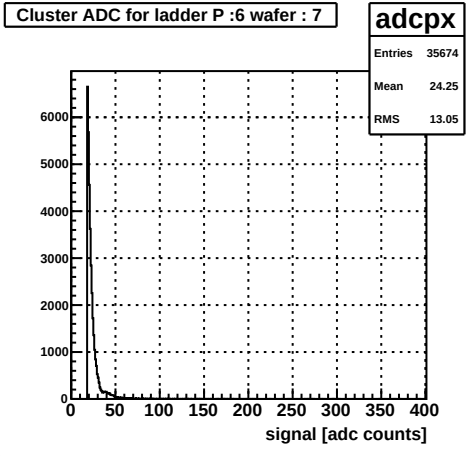

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 25157
Mean 26.71
RMS 12.17
signal [adc counts]

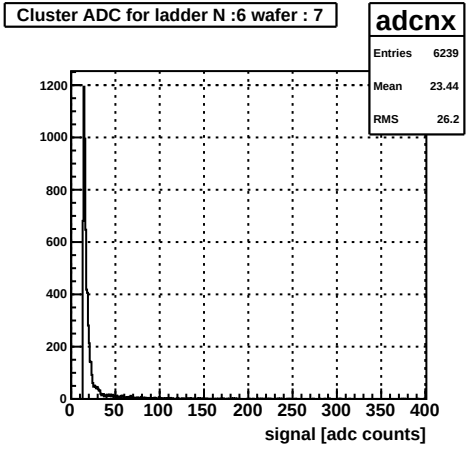

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4528
Mean 58.6
RMS 44.46
signal [adc counts]

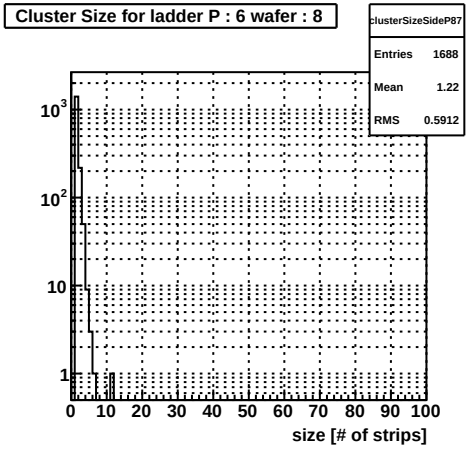

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 35674
Mean 1.047
RMS 0.2329
size [# of strips]

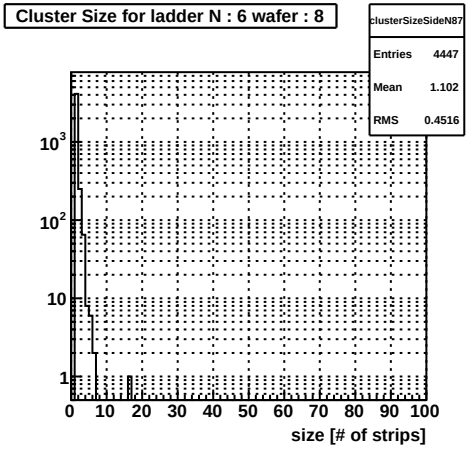

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6239
Mean 1.132
RMS 0.4609
size [# of strips]

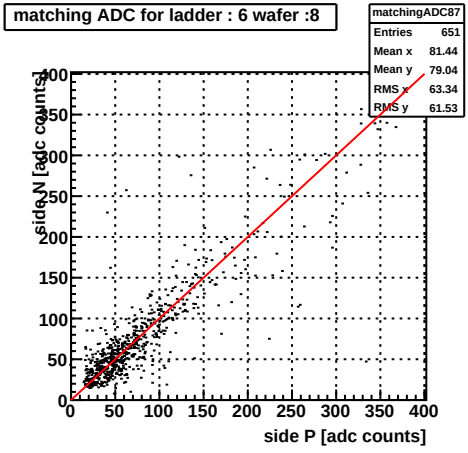

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 954
Mean x 38.95
Mean y 33.81
RMS x 42.65
RMS y 39.03
side N [adc counts]
side P [adc counts]

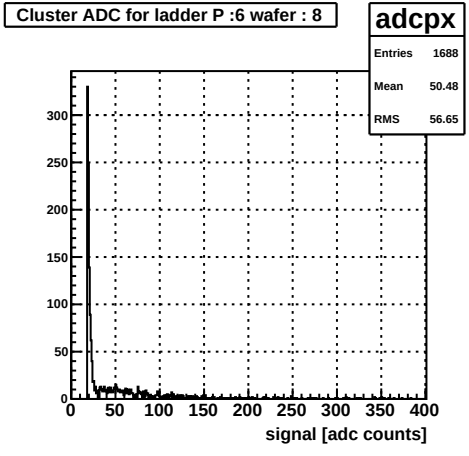

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 35674
Mean 24.25
RMS 13.05
signal [adc counts]

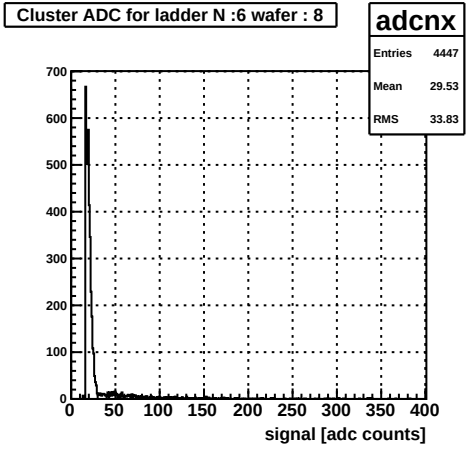

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6239
Mean 23.44
RMS 26.2
signal [adc counts]

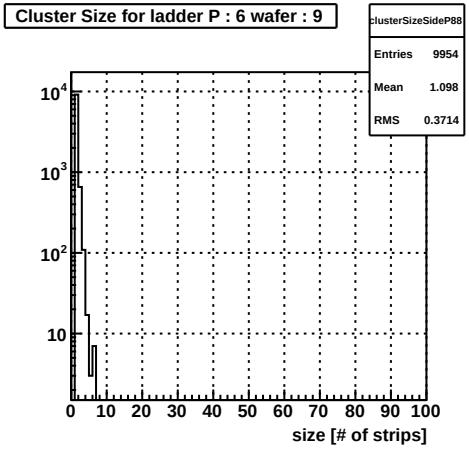

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1688
Mean 1.22
RMS 0.5912
size [# of strips]

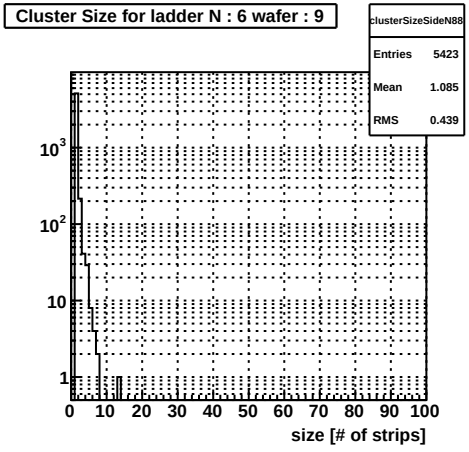

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4447
Mean 1.102
RMS 0.4516
size [# of strips]

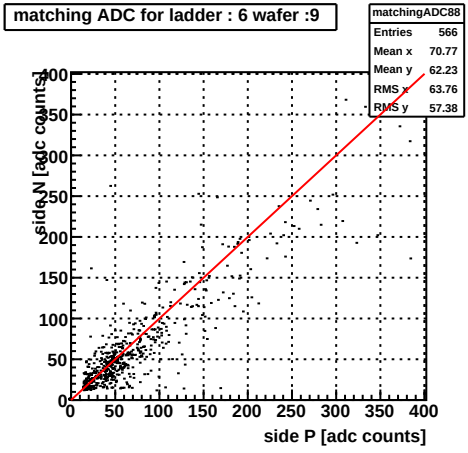

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 651
Mean x 81.44
Mean y 79.04
RMS x 63.34
RMS y 61.53
side N [adc counts]
side P [adc counts]

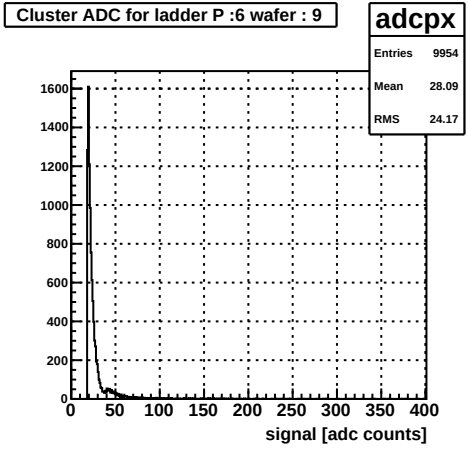

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1688
Mean 50.48
RMS 56.65
signal [adc counts]

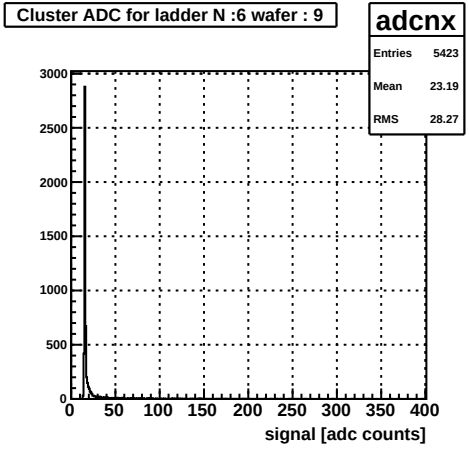

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4447
Mean 29.53
RMS 33.83
signal [adc counts]

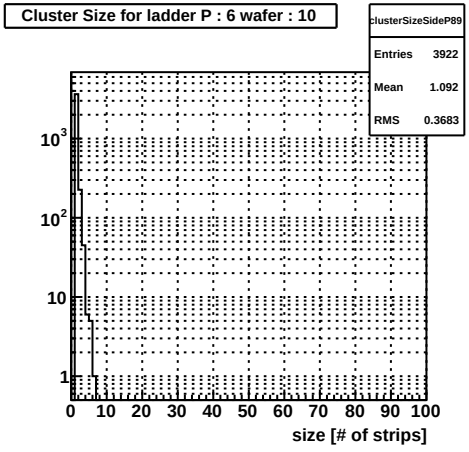

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 9954
Mean 1.098
RMS 0.3714
size [# of strips]

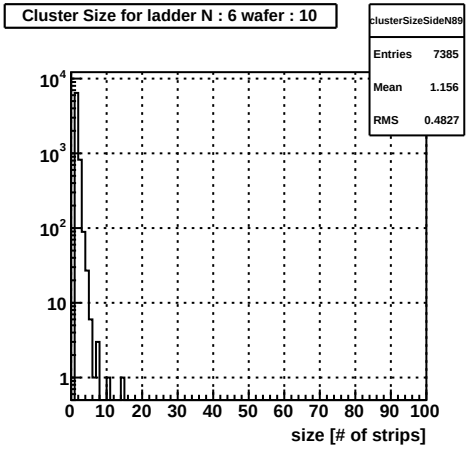

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 5423
Mean 1.085
RMS 0.439
size [# of strips]

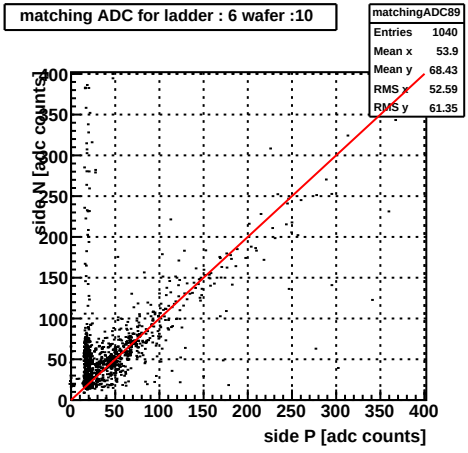

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 566
Mean x 70.77
Mean y 62.23
RMS x 63.76
RMS y 57.38
side N [adc counts]
side P [adc counts]

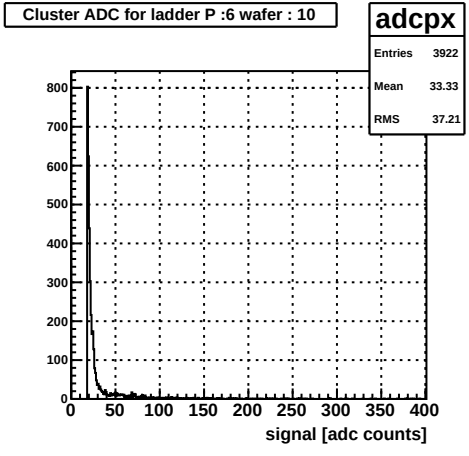

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 9954
Mean 28.09
RMS 24.17
signal [adc counts]

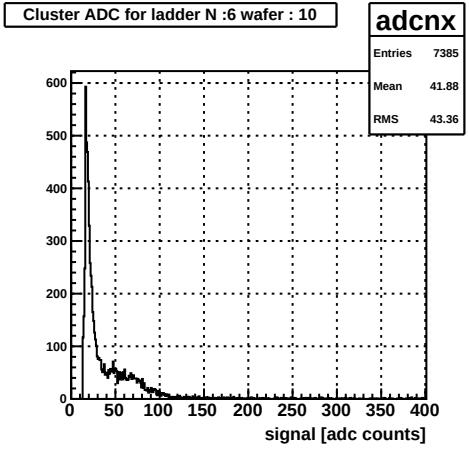

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 5423
Mean 23.19
RMS 28.27
signal [adc counts]

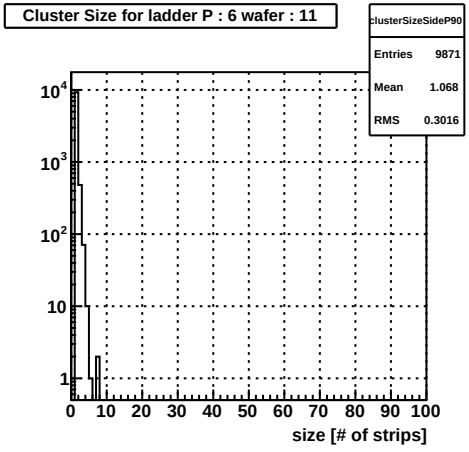

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3922
Mean 1.092
RMS 0.3683
size [# of strips]

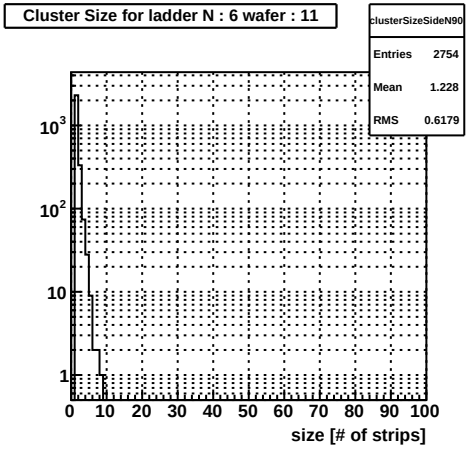

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 7385
Mean 1.156
RMS 0.4827
size [# of strips]

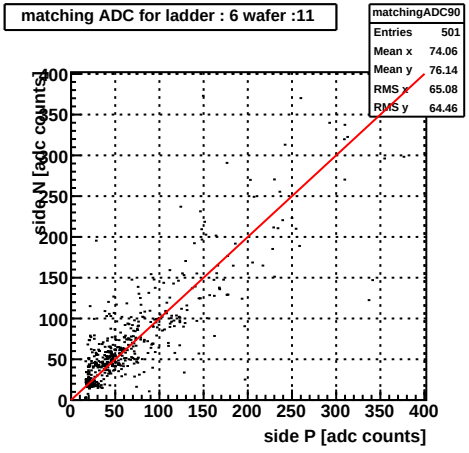

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1040
Mean x 53.9
Mean y 68.43
RMS x 52.59
RMS y 61.35
side N [adc counts]
side P [adc counts]

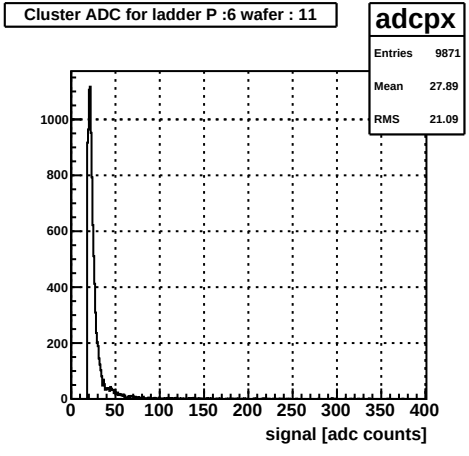

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3922
Mean 33.33
RMS 37.21
signal [adc counts]

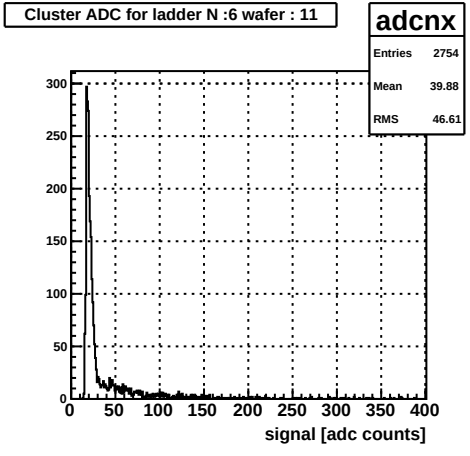

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 7385
Mean 41.88
RMS 43.36
signal [adc counts]

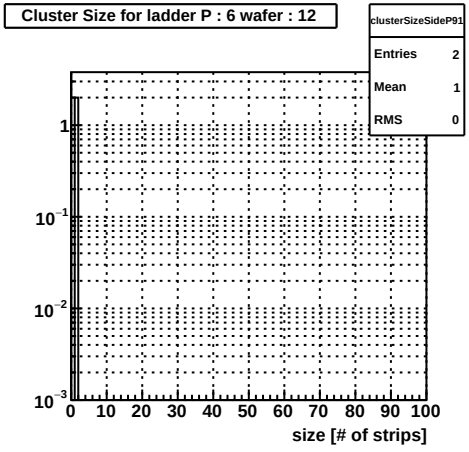

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9871
Mean 1.068
RMS 0.3016
size [# of strips]

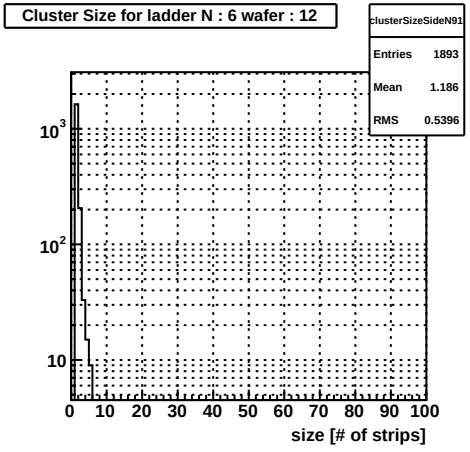

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2754
Mean 1.228
RMS 0.6179
size [# of strips]

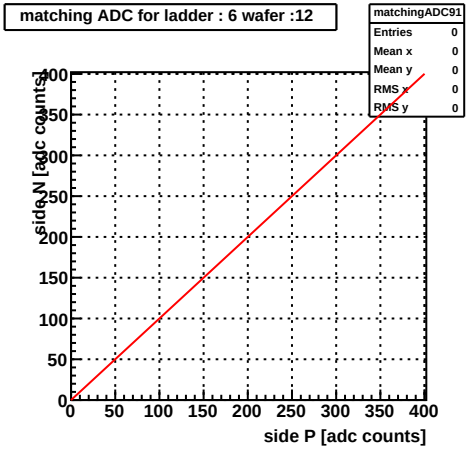

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 501
Mean x 74.06
Mean y 76.14
RMS x 65.08
RMS y 64.46
side N [adc counts]
side P [adc counts]

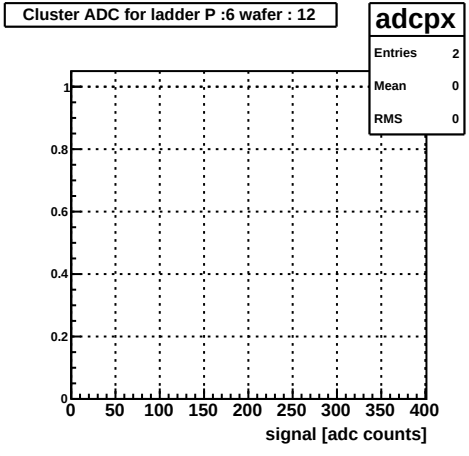

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9871
Mean 27.89
RMS 21.09
signal [adc counts]

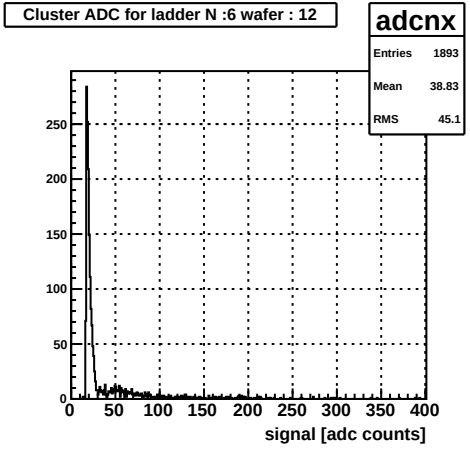

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2754
Mean 39.88
RMS 46.61
signal [adc counts]

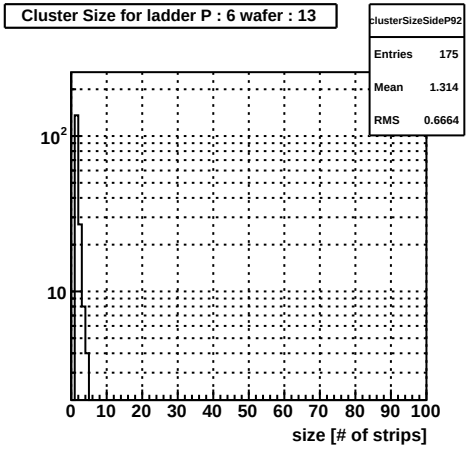

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

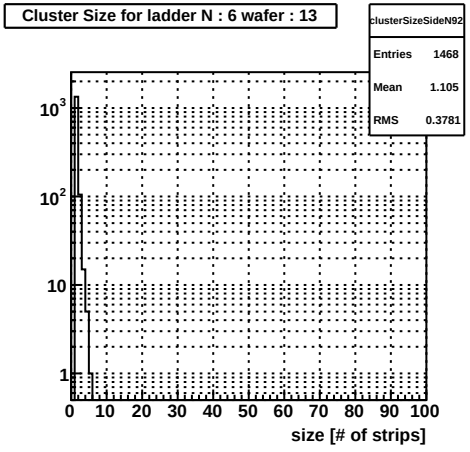

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1893
Mean 1.186
RMS 0.5396
size [# of strips]

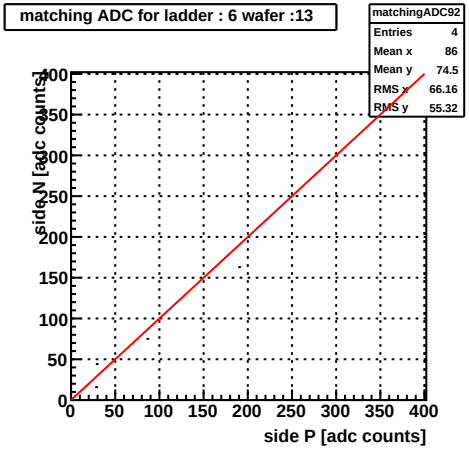

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

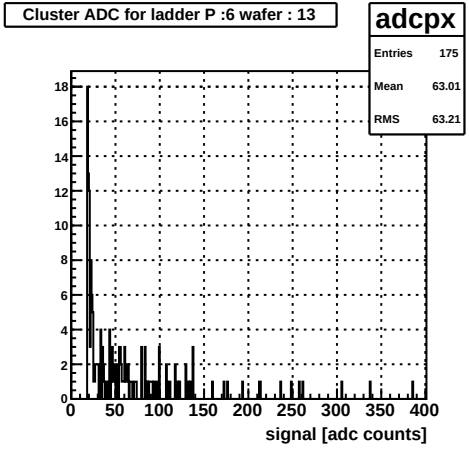

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

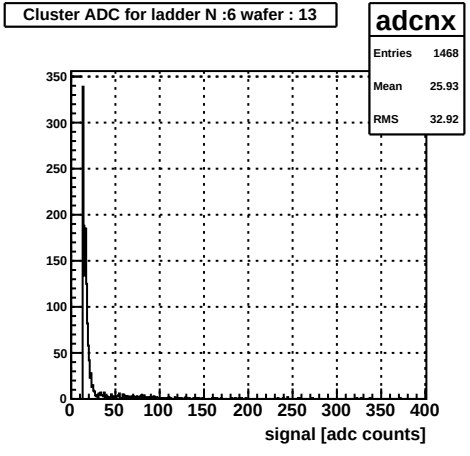

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1893
Mean 38.83
RMS 45.1
signal [adc counts]

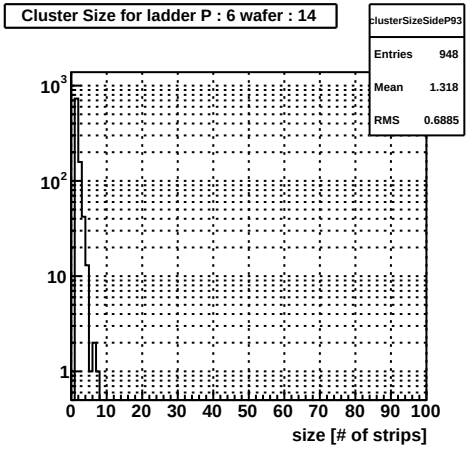

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 175
Mean 1.314
RMS 0.6664
size [# of strips]

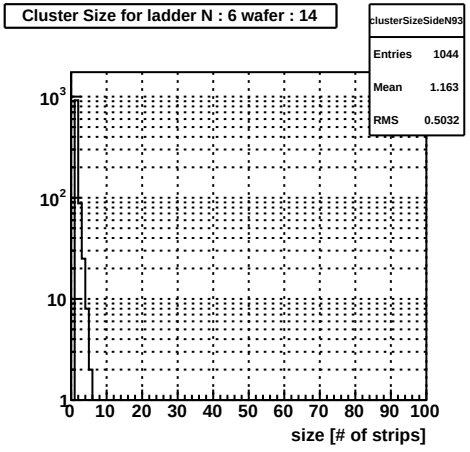

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1468
Mean 1.105
RMS 0.3781
size [# of strips]

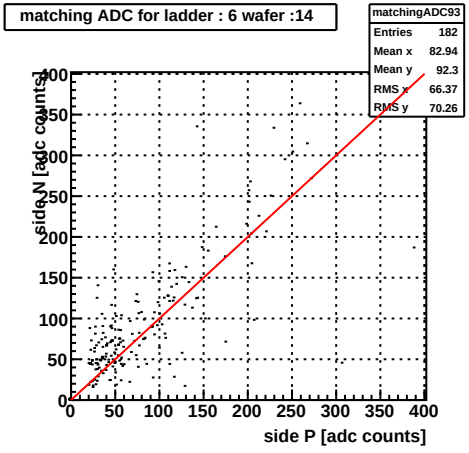

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 86
Mean y 74.5
RMS x 66.16
RMS y 55.32
side N [adc counts]
side P [adc counts]

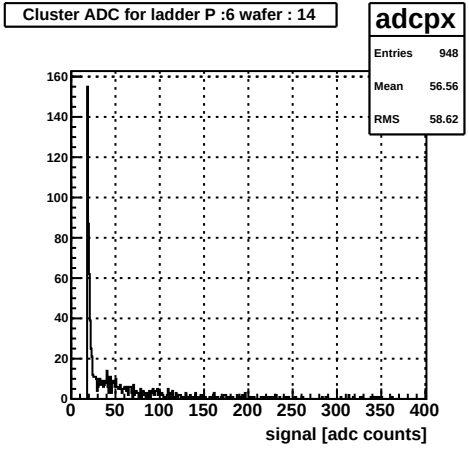

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 175
Mean 63.01
RMS 63.21
signal [adc counts]

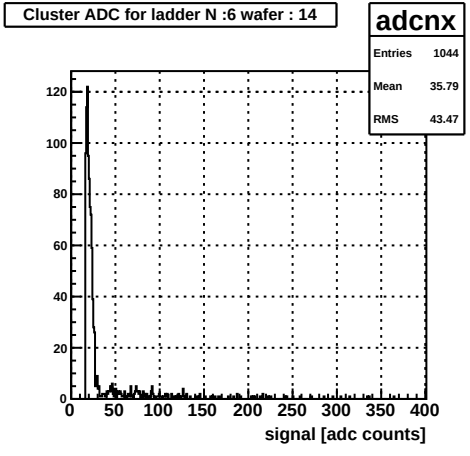

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1468
Mean 25.93
RMS 32.92
signal [adc counts]

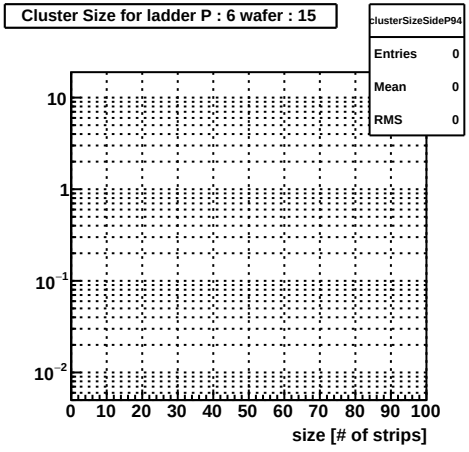

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 948
Mean 1.318
RMS 0.6885
size [# of strips]

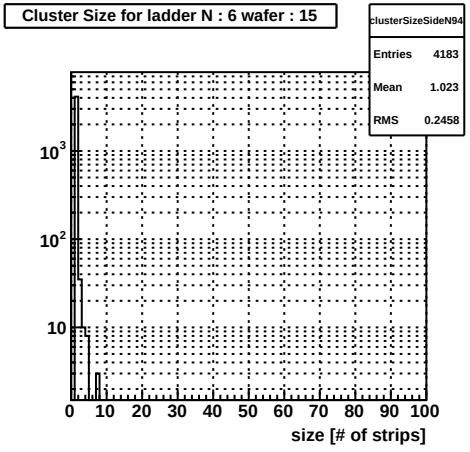

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1044
Mean 1.163
RMS 0.5032
size [# of strips]

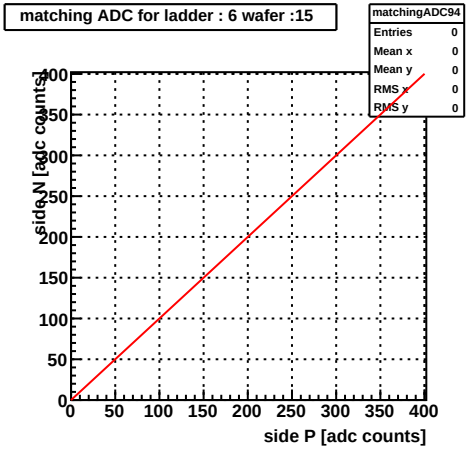

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 182
Mean x 82.94
Mean y 92.3
RMS x 66.37
RMS y 70.26
side N [adc counts]
side P [adc counts]

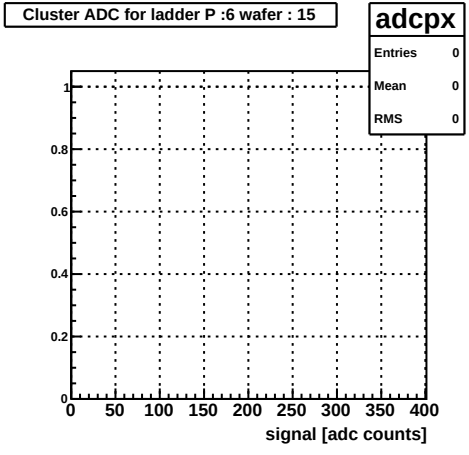

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 948
Mean 56.56
RMS 58.62
signal [adc counts]

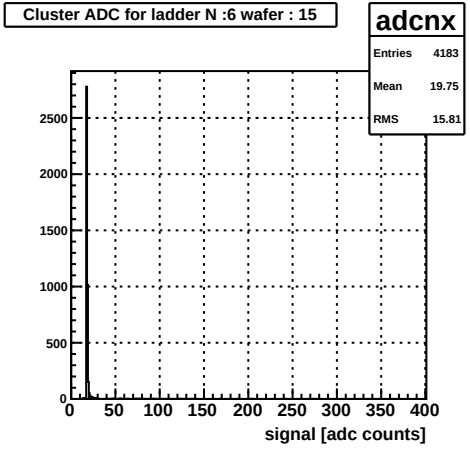

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1044
Mean 35.79
RMS 43.47
signal [adc counts]

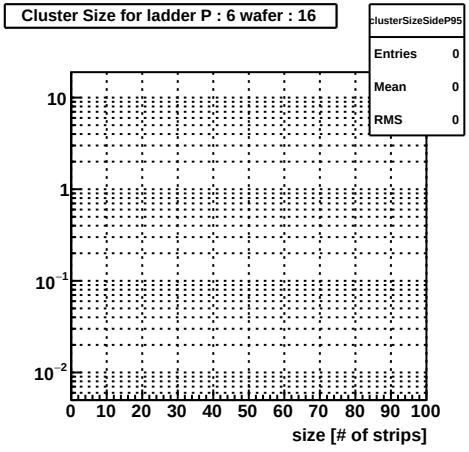

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

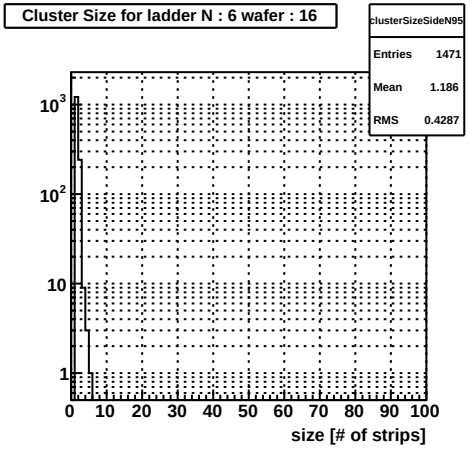

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4183
Mean 1.023
RMS 0.2458
size [# of strips]

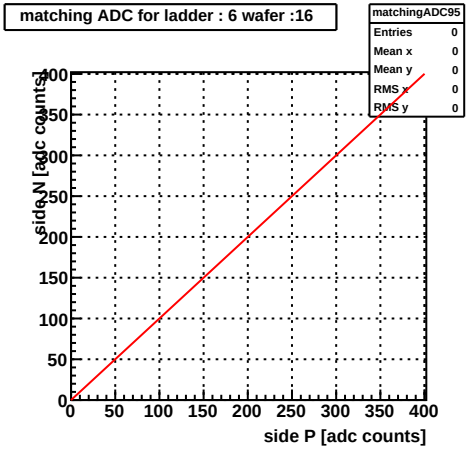

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

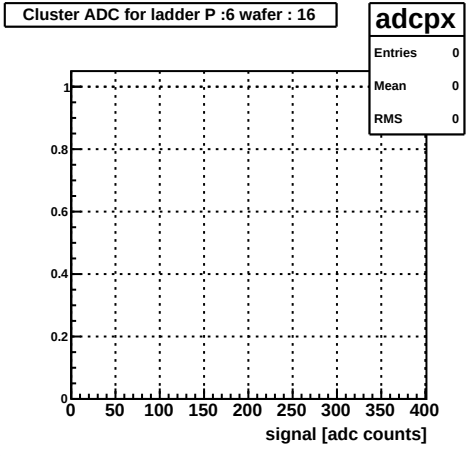

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

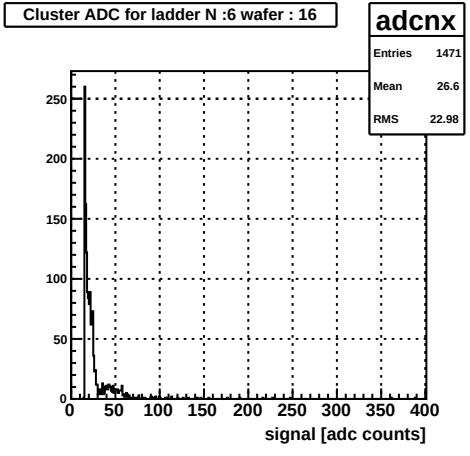

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4183
Mean 19.75
RMS 15.81
signal [adc counts]

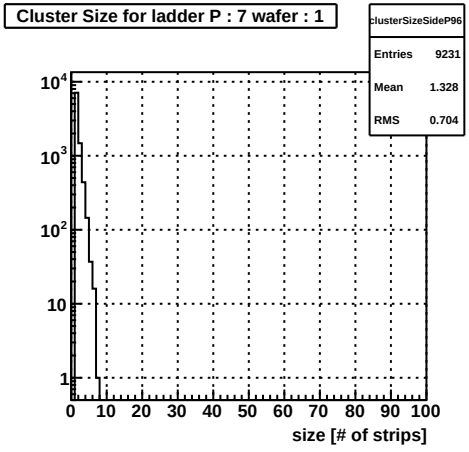

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

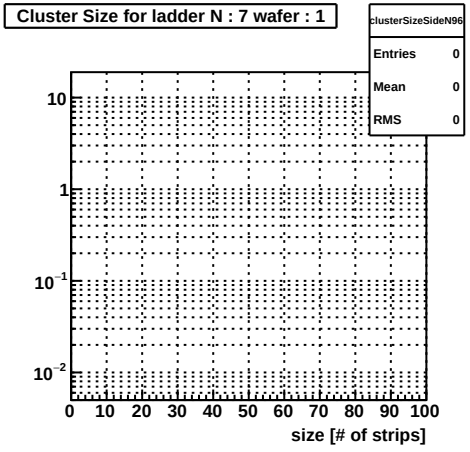

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1471
Mean 1.186
RMS 0.4287
size [# of strips]

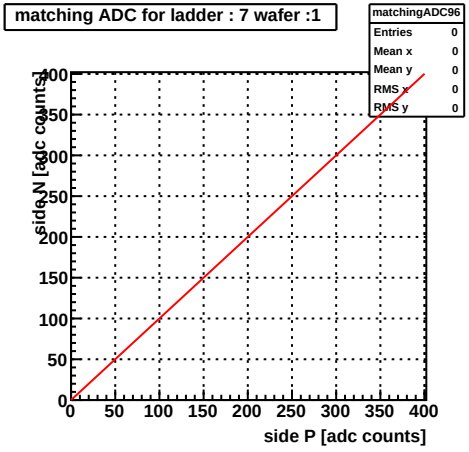

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

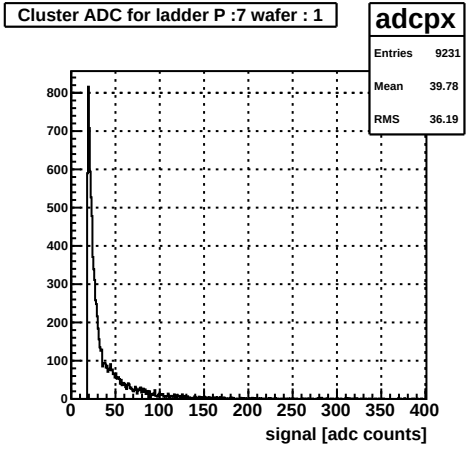

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

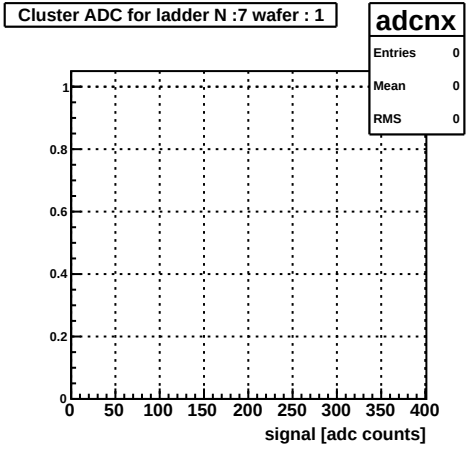

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1471
Mean 26.6
RMS 22.98
signal [adc counts]

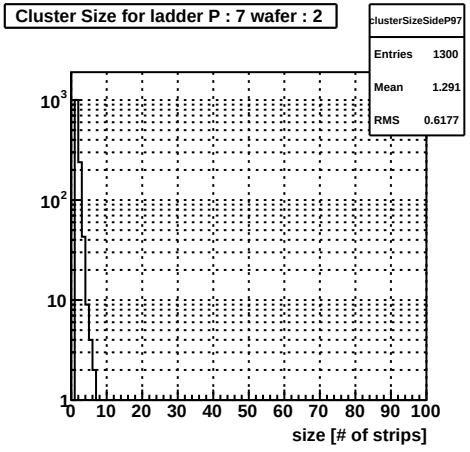

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9231
Mean 1.328
RMS 0.704
size [# of strips]

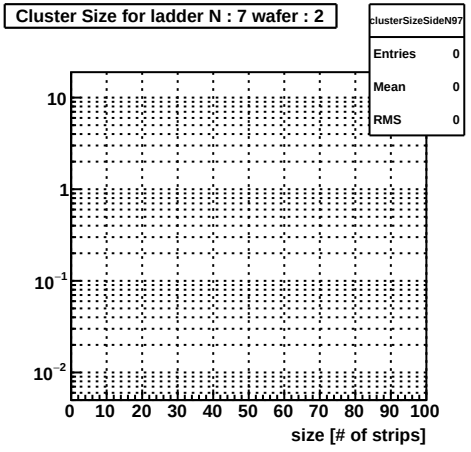

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

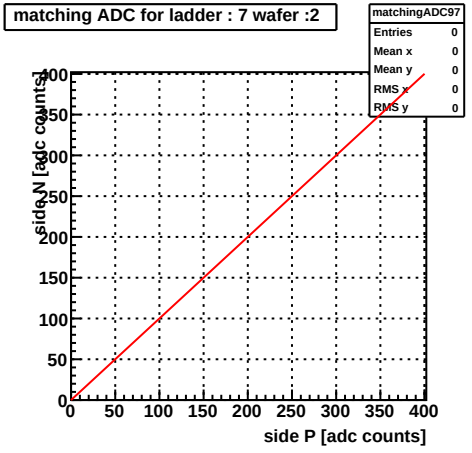

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

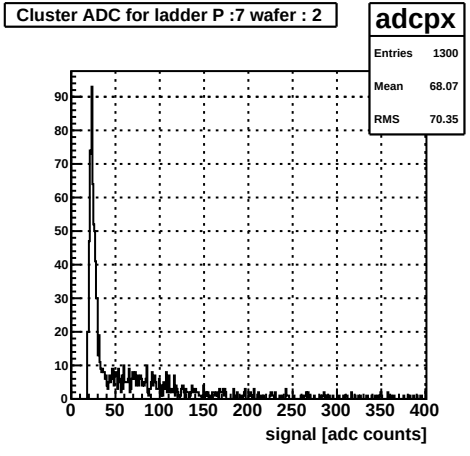

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9231
Mean 39.78
RMS 36.19
signal [adc counts]

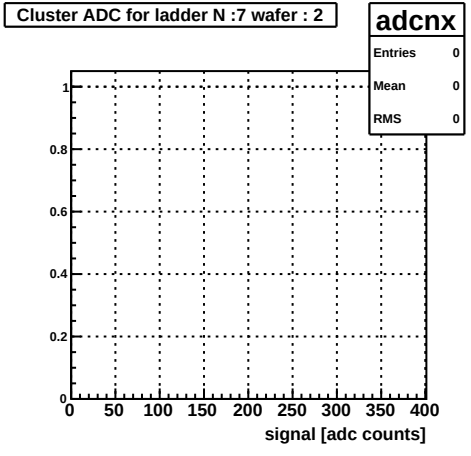

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

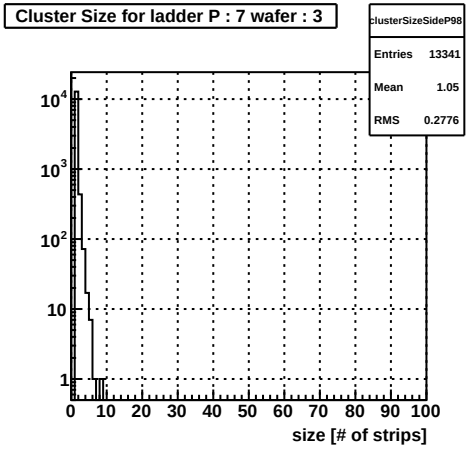

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1300
Mean 1.291
RMS 0.6177
size [# of strips]

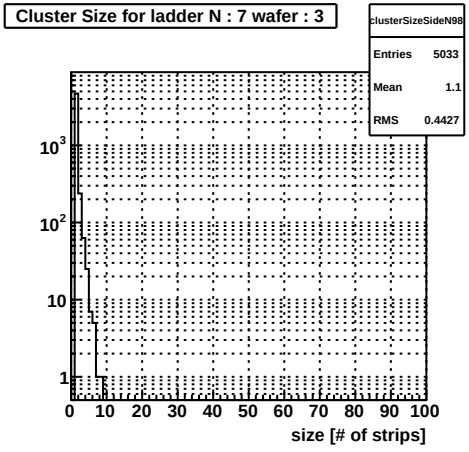

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

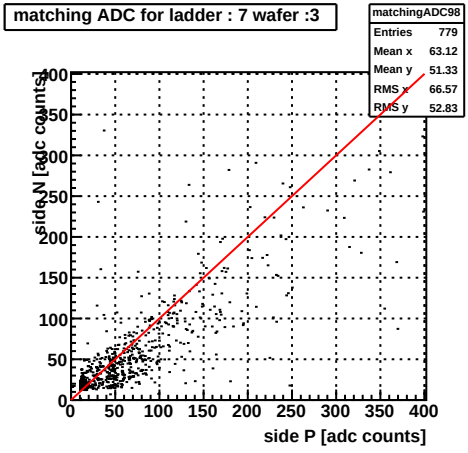

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

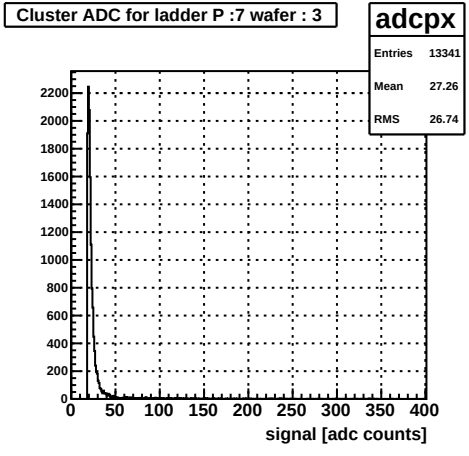

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1300
Mean 68.07
RMS 70.35
signal [adc counts]

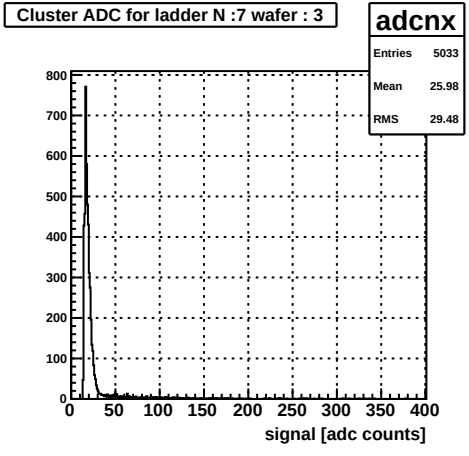

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

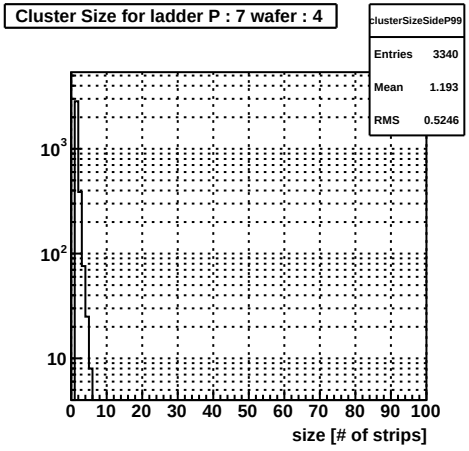

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13341
Mean 1.05
RMS 0.2776
size [# of strips]

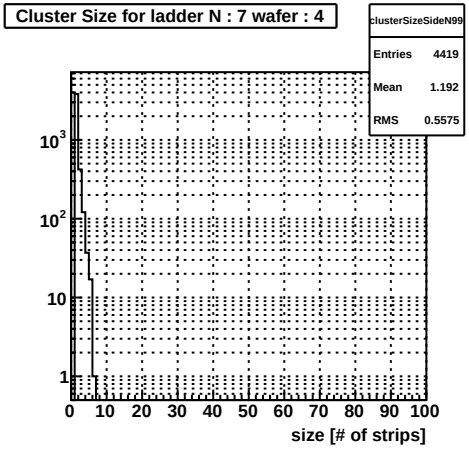

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 5033
Mean 1.1
RMS 0.4427
size [# of strips]

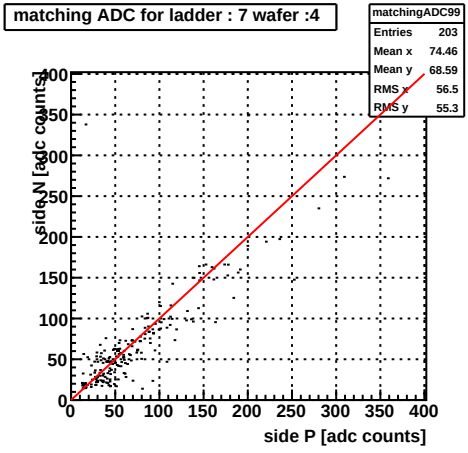

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 779
Mean x 63.12
Mean y 51.33
RMS x 66.57
RMS y 52.83
side N [adc counts]
side P [adc counts]

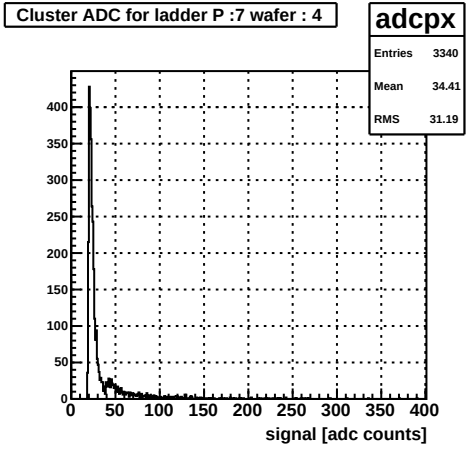

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13341
Mean 27.26
RMS 26.74
signal [adc counts]

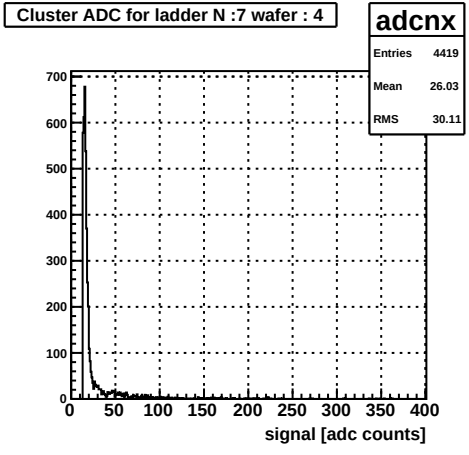

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 5033
Mean 25.98
RMS 29.48
signal [adc counts]

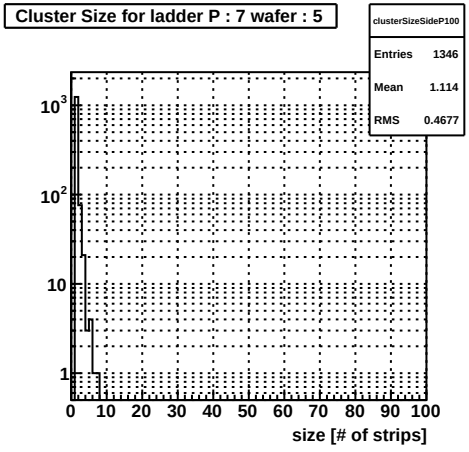

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3340
Mean 1.193
RMS 0.5246
size [# of strips]

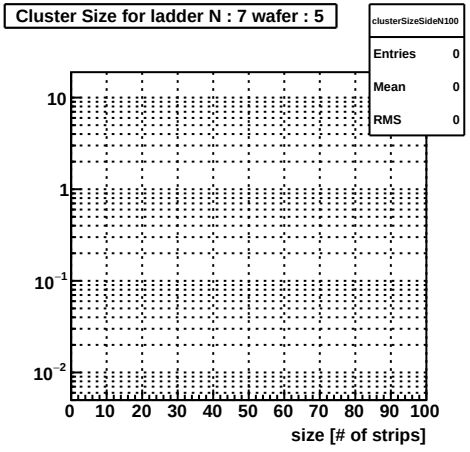

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4419
Mean 1.192
RMS 0.5575
size [# of strips]

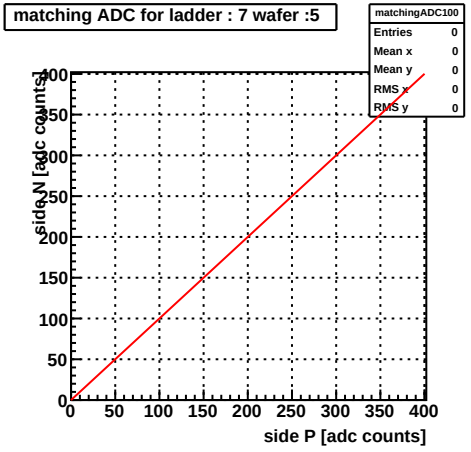

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 203
Mean x 74.46
Mean y 68.59
RMS x 56.5
RMS y 55.3
side N [adc counts]
side P [adc counts]

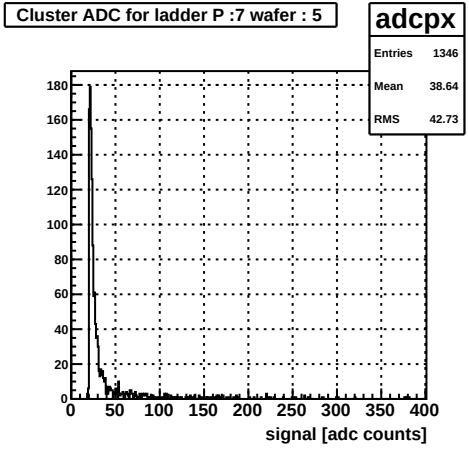

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3340
Mean 34.41
RMS 31.19
signal [adc counts]

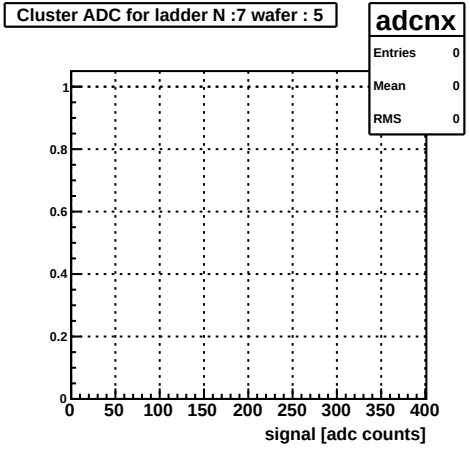

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4419
Mean 26.03
RMS 30.11
signal [adc counts]

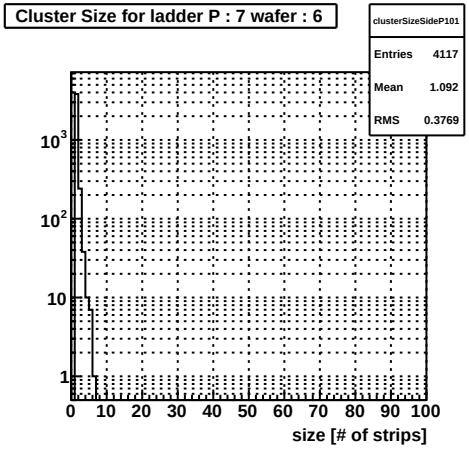

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1346
Mean 1.114
RMS 0.4677
size [# of strips]

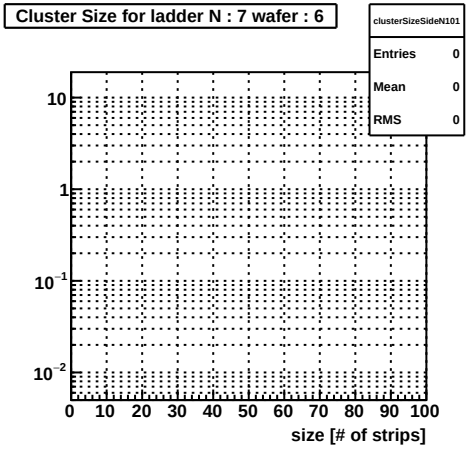

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

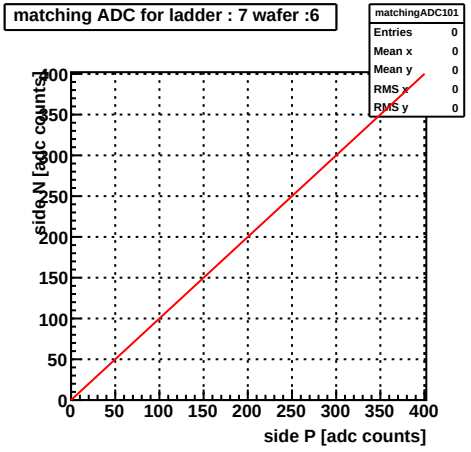

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

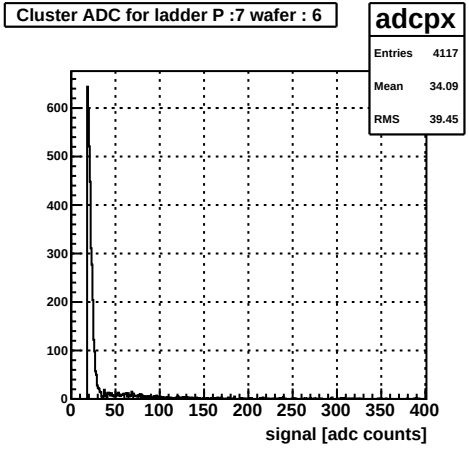

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1346
Mean 38.64
RMS 42.73
signal [adc counts]

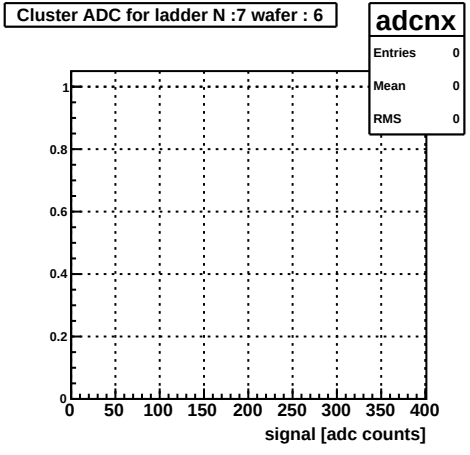

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

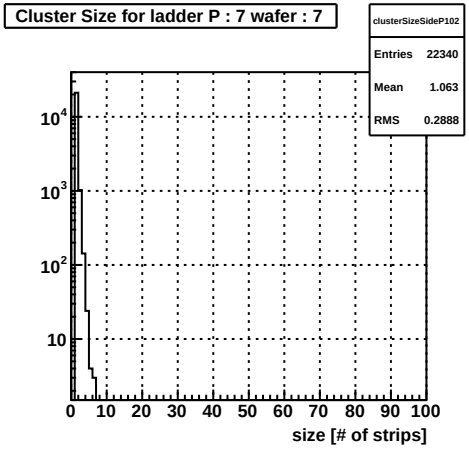

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4117
Mean 1.092
RMS 0.3769
size [# of strips]

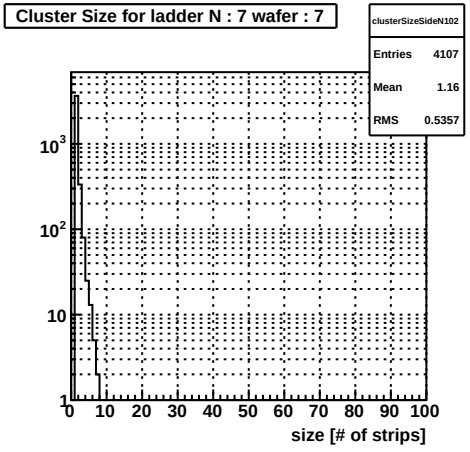

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

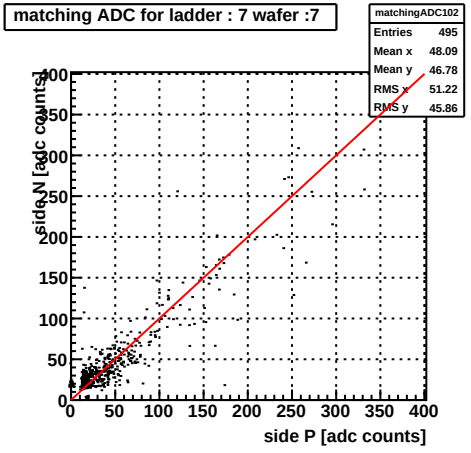

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

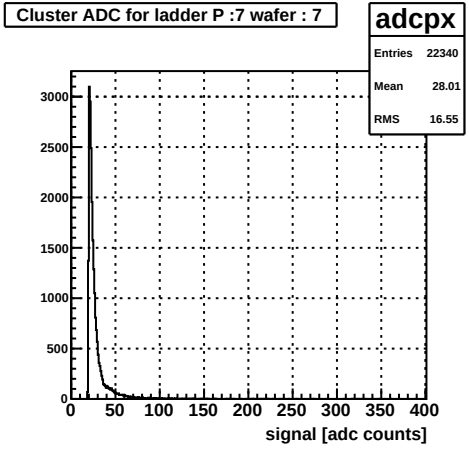

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4117
Mean 34.09
RMS 39.45
signal [adc counts]

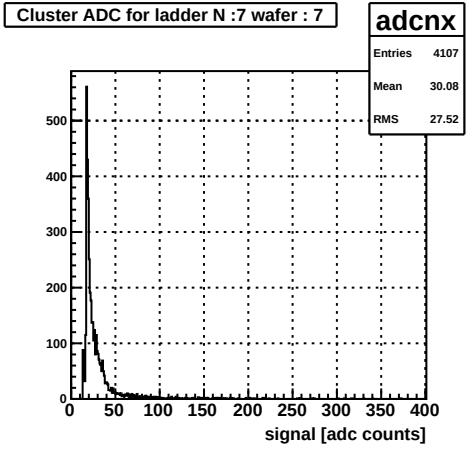

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

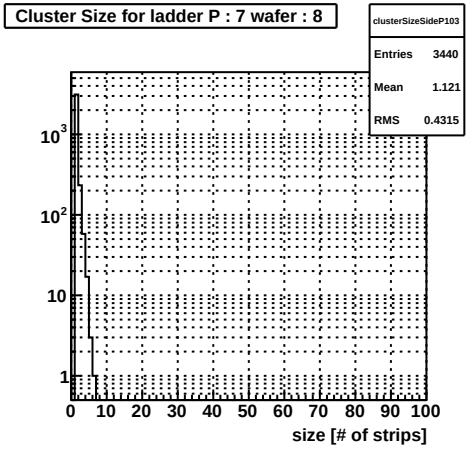

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 22340
Mean 1.063
RMS 0.2888
size [# of strips]

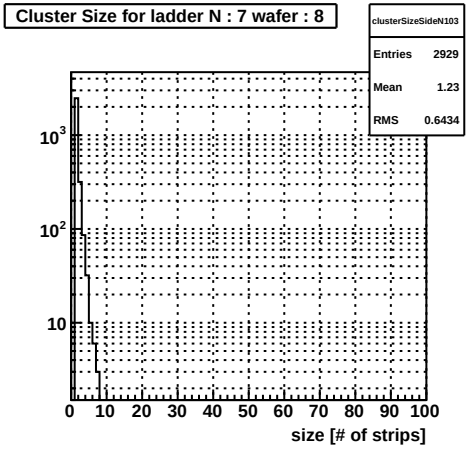

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 4107
Mean 1.16
RMS 0.5357
size [# of strips]

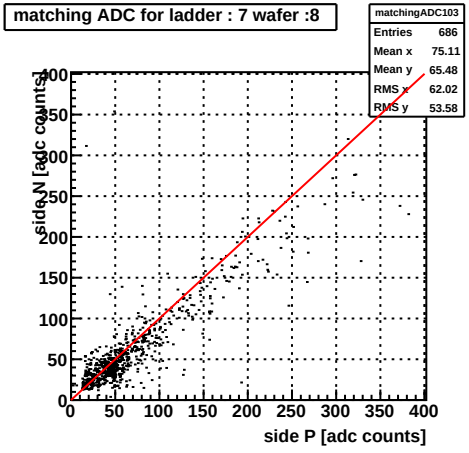

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 495
Mean x 48.09
Mean y 46.78
RMS x 51.22
RMS y 45.86
side N [adc counts]
side P [adc counts]

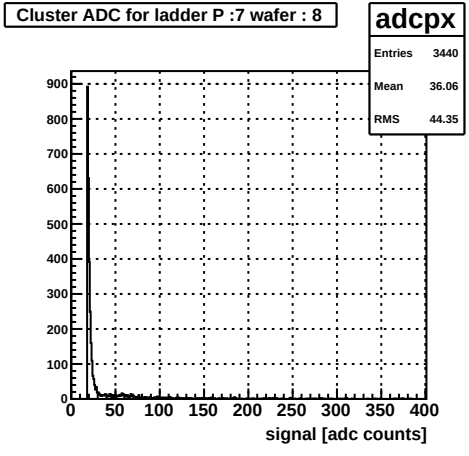

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 22340
Mean 28.01
RMS 16.55
signal [adc counts]

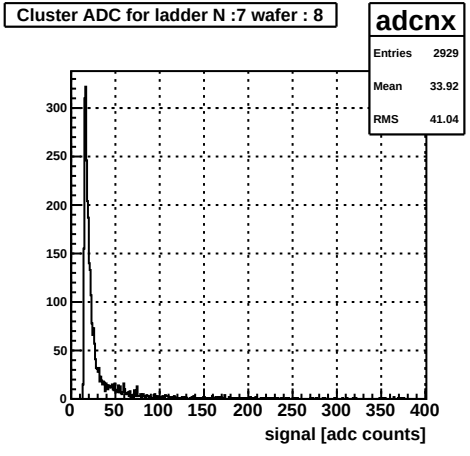

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 4107
Mean 30.08
RMS 27.52
signal [adc counts]

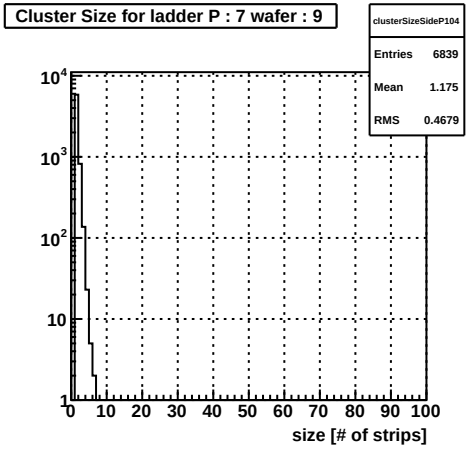

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3440
Mean 1.121
RMS 0.4315
size [# of strips]

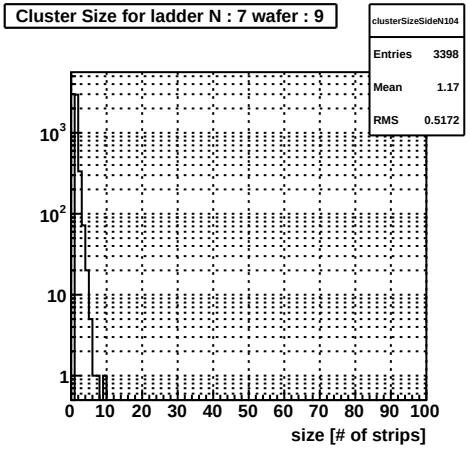

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2929
Mean 1.23
RMS 0.6434
size [# of strips]

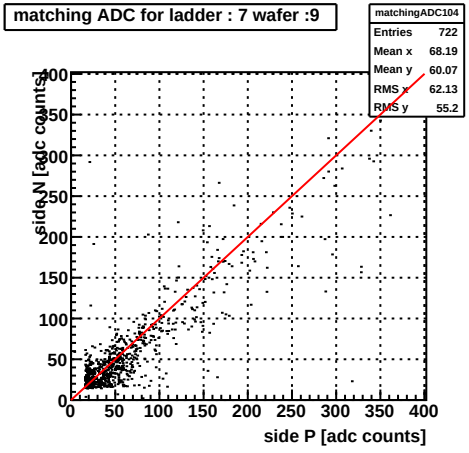

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 686
Mean x 75.11
Mean y 65.48
RMS x 62.02
RMS y 53.58
side N [adc counts]
side P [adc counts]

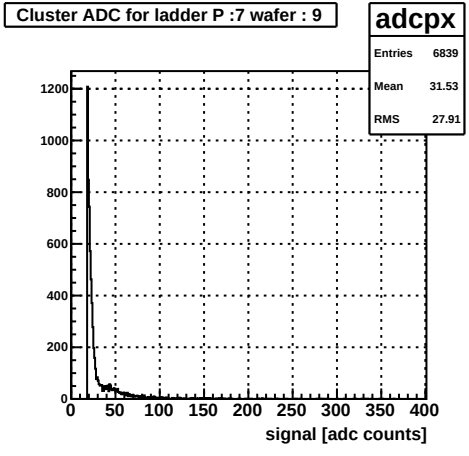

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3440
Mean 36.06
RMS 44.35
signal [adc counts]

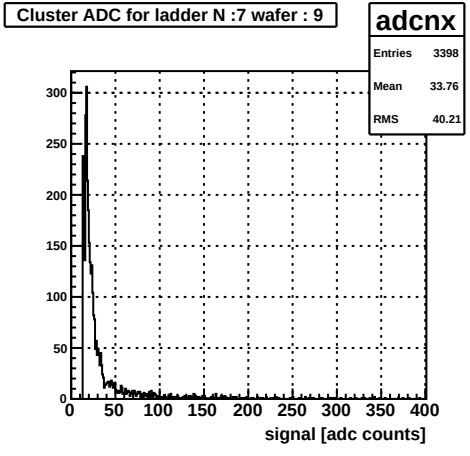

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2929
Mean 33.92
RMS 41.04
signal [adc counts]

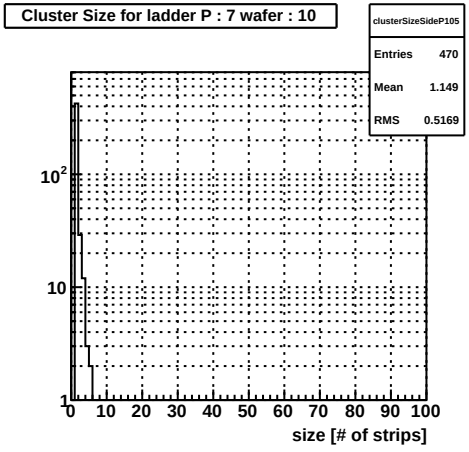

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6839
Mean 1.175
RMS 0.4679
size [# of strips]

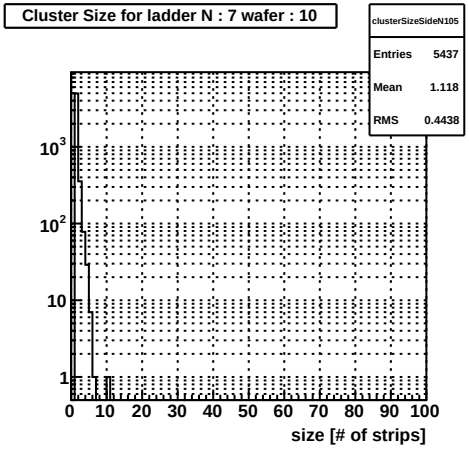

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3398
Mean 1.17
RMS 0.5172
size [# of strips]

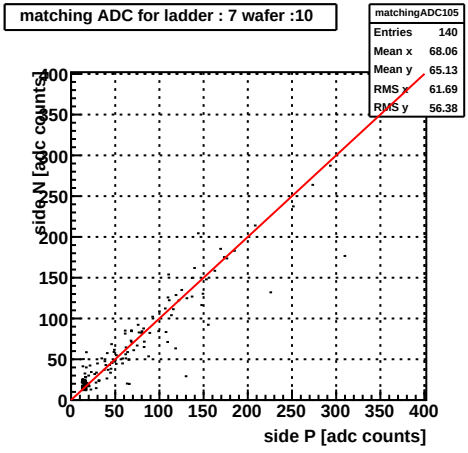

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 722
Mean x 68.19
Mean y 60.07
RMS x 62.13
RMS y 55.2
side N [adc counts]
side P [adc counts]

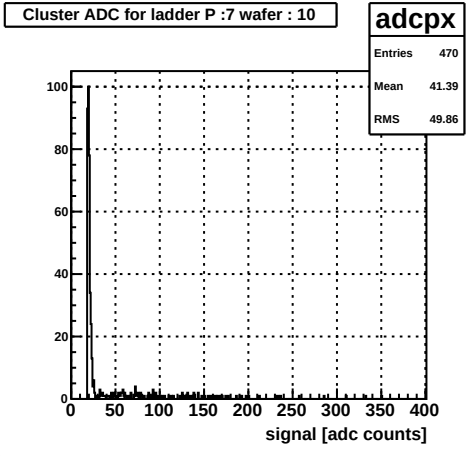

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6839
Mean 31.53
RMS 27.91
signal [adc counts]

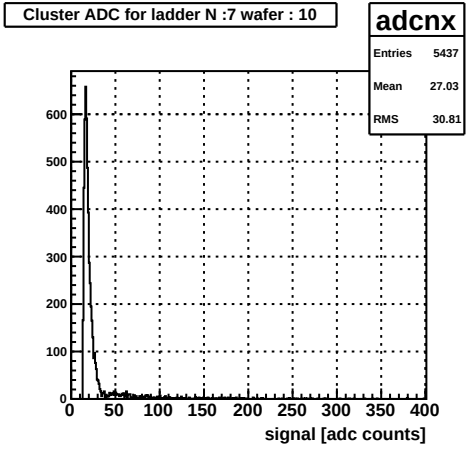

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3398
Mean 33.76
RMS 40.21
signal [adc counts]

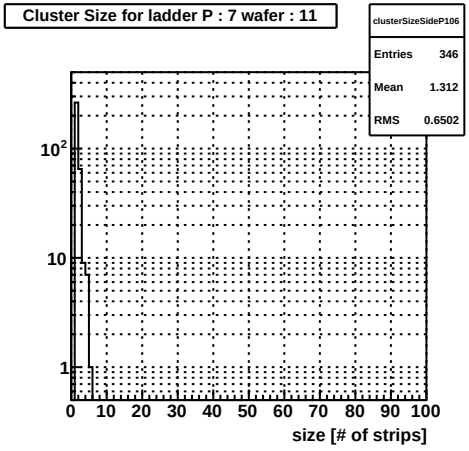

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 470
Mean 1.149
RMS 0.5169
size [# of strips]

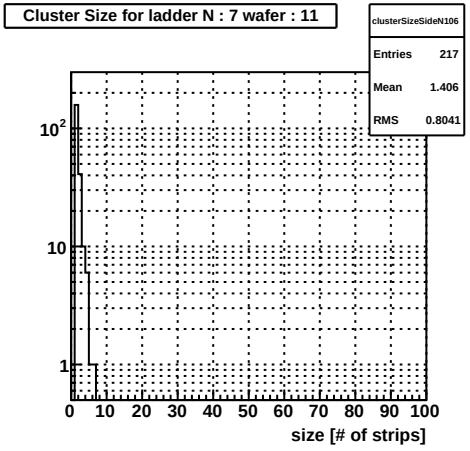

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5437
Mean 1.118
RMS 0.4438
size [# of strips]

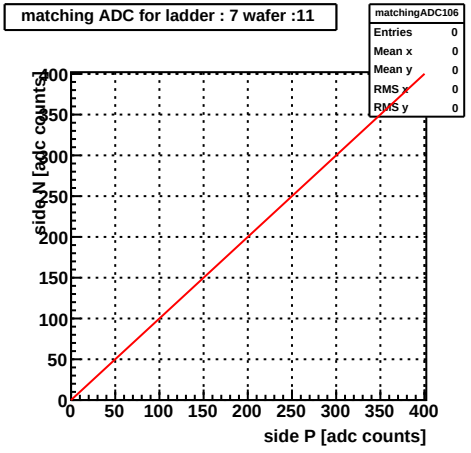

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 140
Mean x 68.06
Mean y 65.13
RMS x 61.69
RMS y 56.38
side N [adc counts]
side P [adc counts]

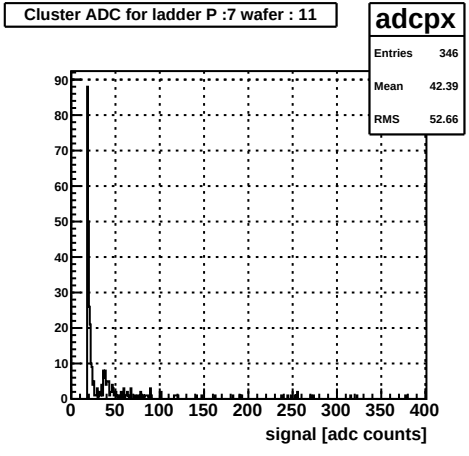

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 470
Mean 41.39
RMS 49.86
signal [adc counts]

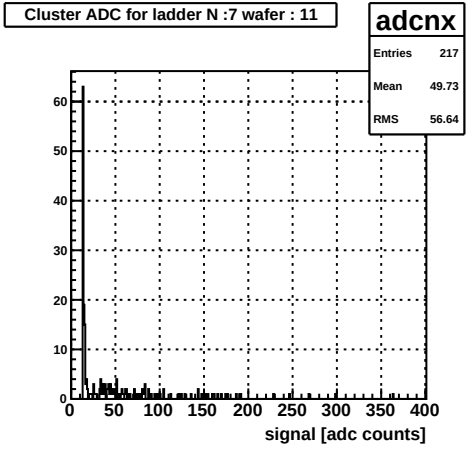

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5437
Mean 27.03
RMS 30.81
signal [adc counts]

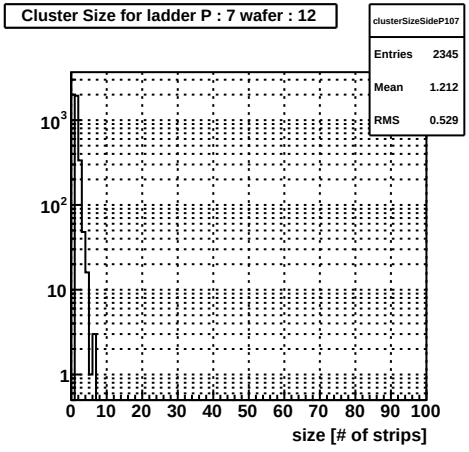

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 346
Mean 1.312
RMS 0.6502
size [# of strips]

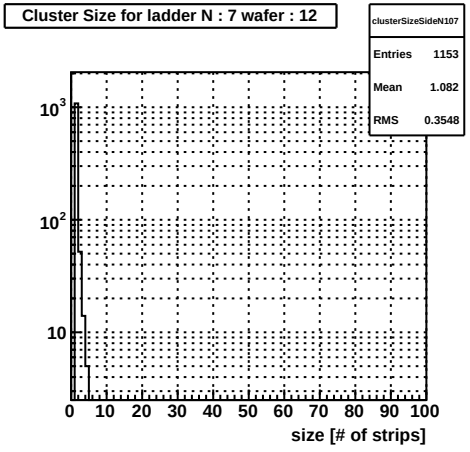

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 217
Mean 1.406
RMS 0.8041
size [# of strips]

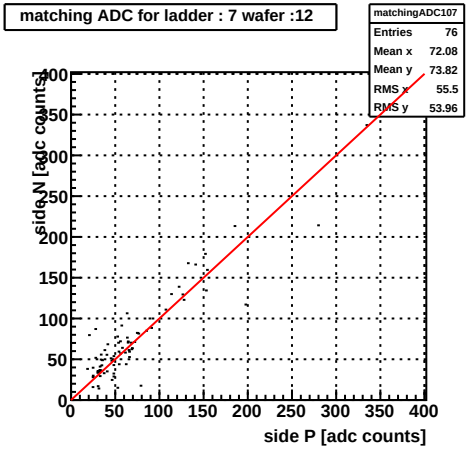

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

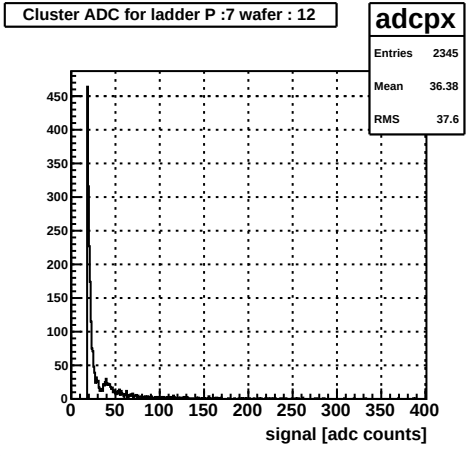

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 346
Mean 42.39
RMS 52.66
signal [adc counts]

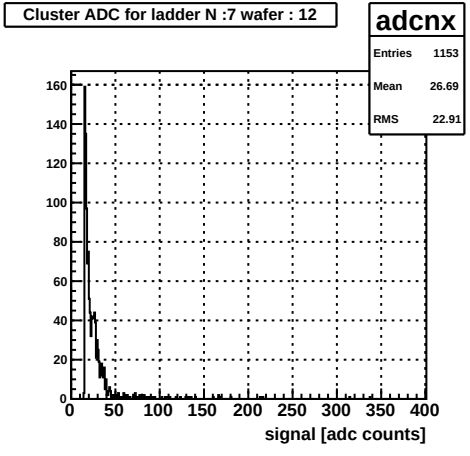

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 217
Mean 49.73
RMS 56.64
signal [adc counts]

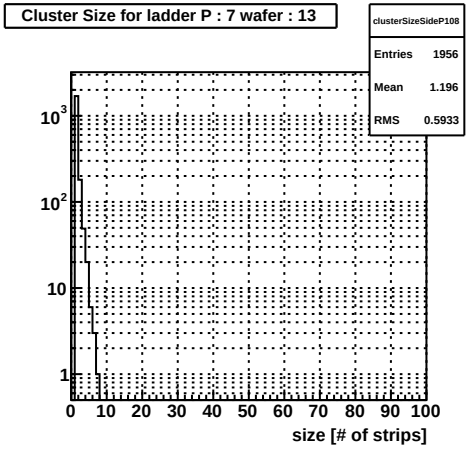

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2345
Mean 1.212
RMS 0.529
size [# of strips]

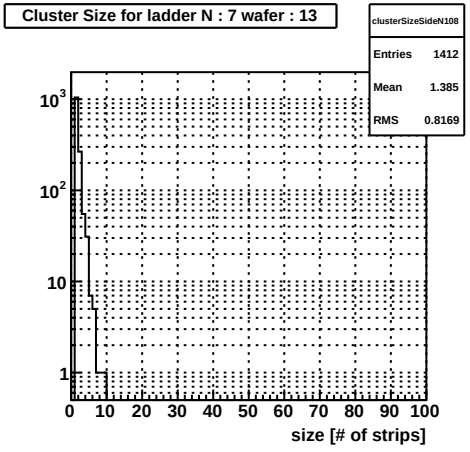

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1153
Mean 1.082
RMS 0.3548
size [# of strips]

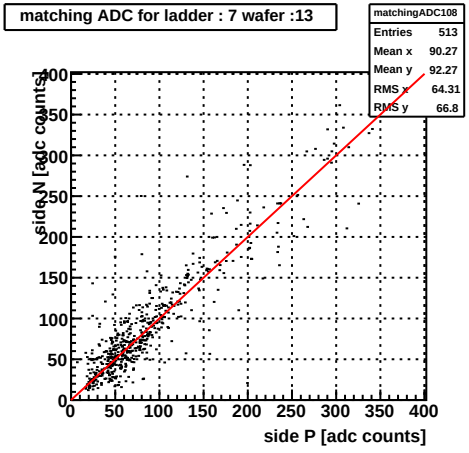

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 76
Mean x 72.08
Mean y 73.82
RMS x 55.5
RMS y 53.96
side N [adc counts]
side P [adc counts]

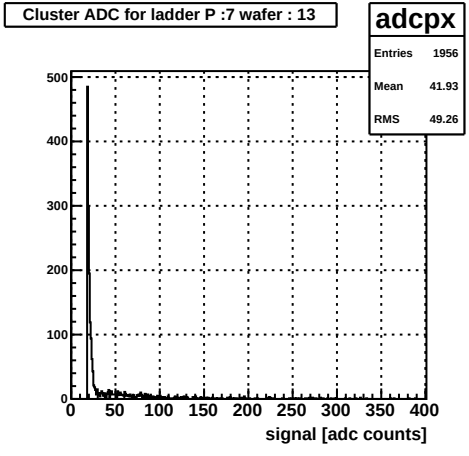

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2345
Mean 36.38
RMS 37.6
signal [adc counts]

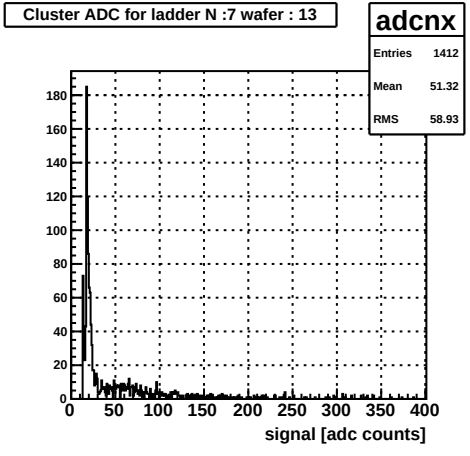

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1153
Mean 26.69
RMS 22.91
signal [adc counts]

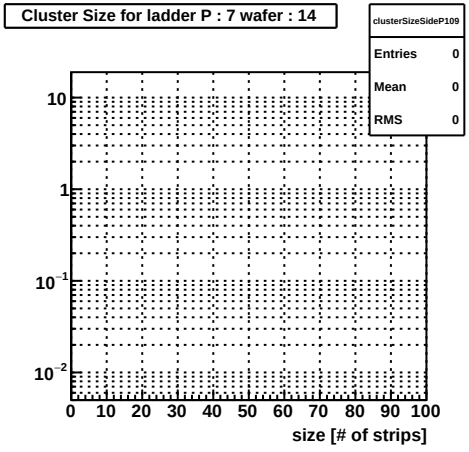

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1956
Mean 1.196
RMS 0.5933
size [# of strips]

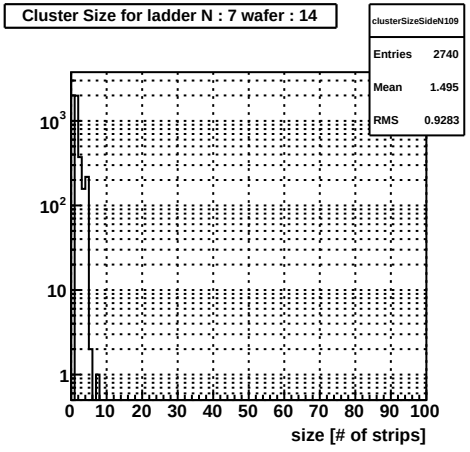

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1412
Mean 1.385
RMS 0.8169
size [# of strips]

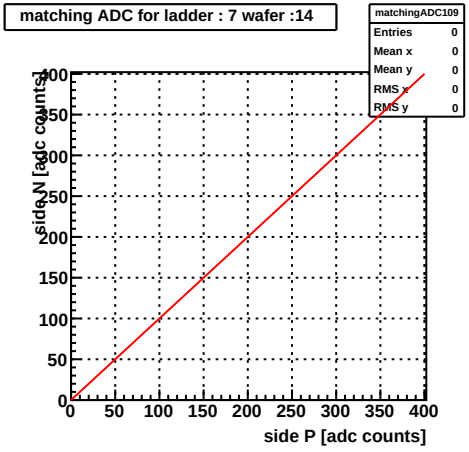

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 513
Mean x 90.27
Mean y 92.27
RMS x 64.31
RMS y 66.8
side N [adc counts]
side P [adc counts]

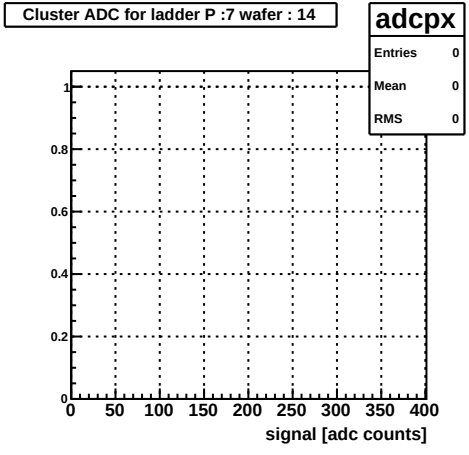

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1956
Mean 41.93
RMS 49.26
signal [adc counts]

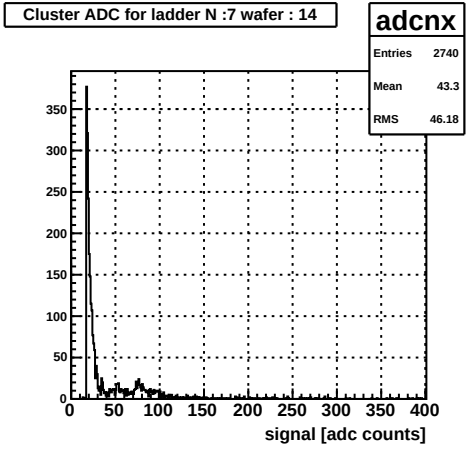

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1412
Mean 51.32
RMS 58.93
signal [adc counts]

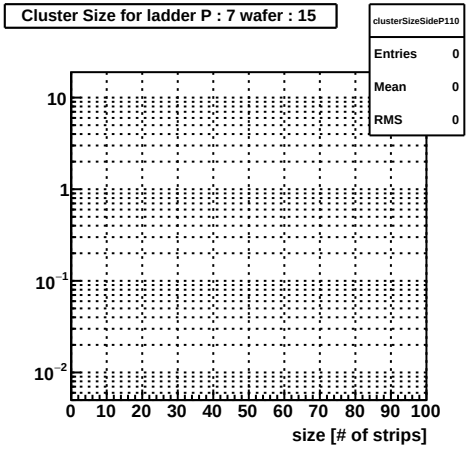

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

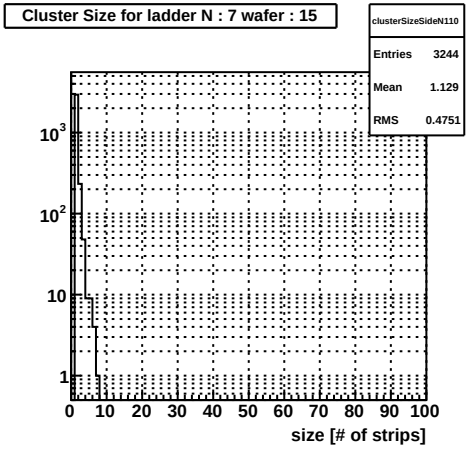

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2740
Mean 1.495
RMS 0.9283
size [# of strips]

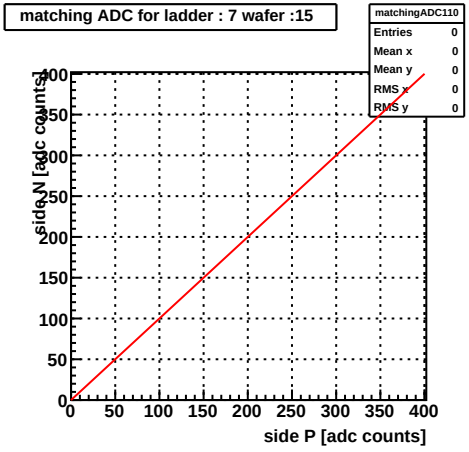

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

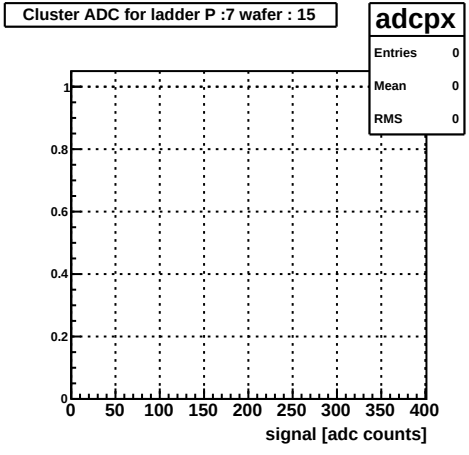

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

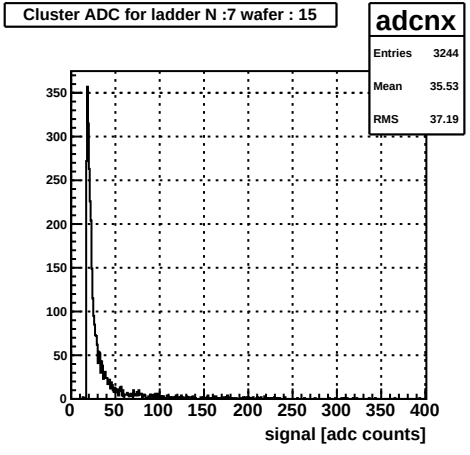

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2740
Mean 43.3
RMS 46.18
signal [adc counts]

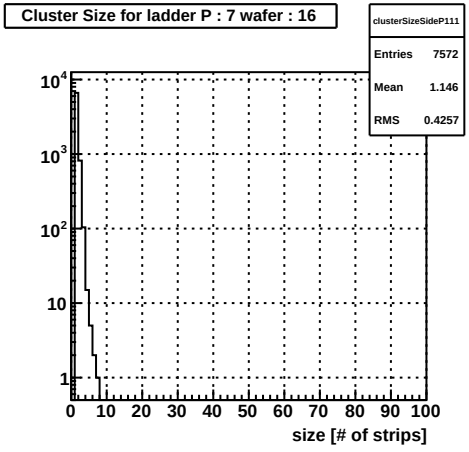

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

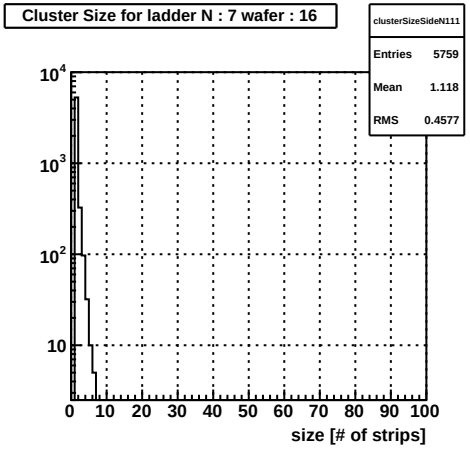

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3244
Mean 1.129
RMS 0.4751
size [# of strips]

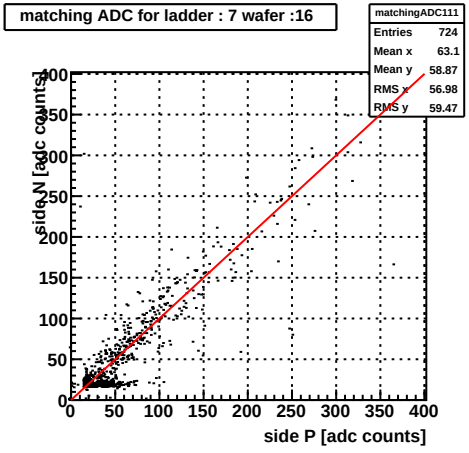

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

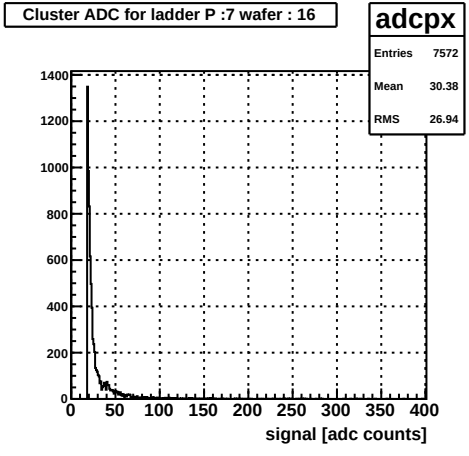

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

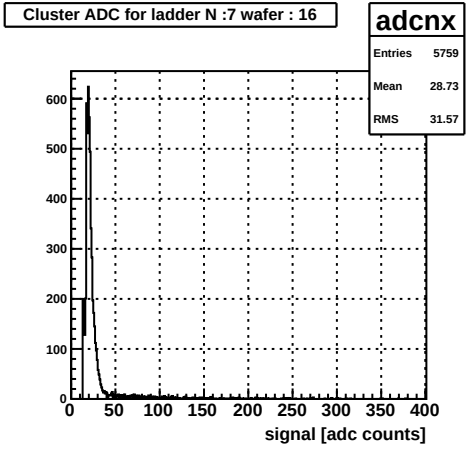

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3244
Mean 35.53
RMS 37.19
signal [adc counts]

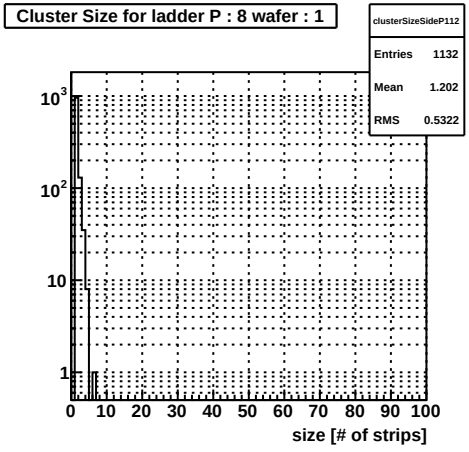

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7572
Mean 1.146
RMS 0.4257
size [# of strips]

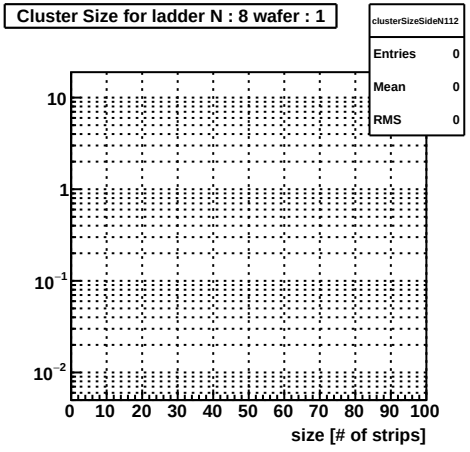

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5759
Mean 1.118
RMS 0.4577
size [# of strips]

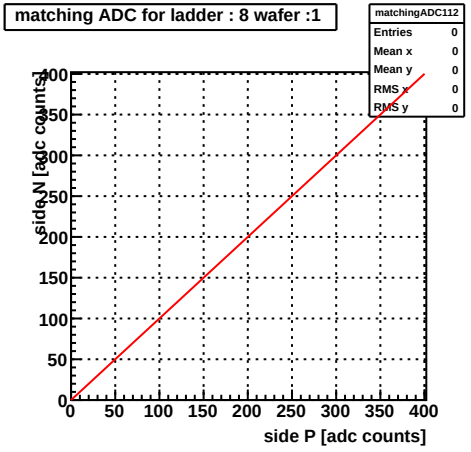

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 724
Mean x 63.1
Mean y 58.87
RMS x 56.98
RMS y 59.47
side N [adc counts]
side P [adc counts]

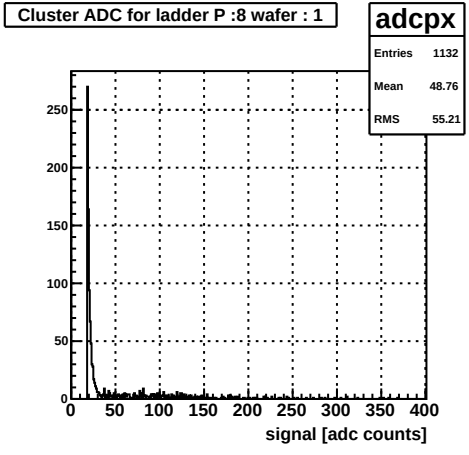

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7572
Mean 30.38
RMS 26.94
signal [adc counts]

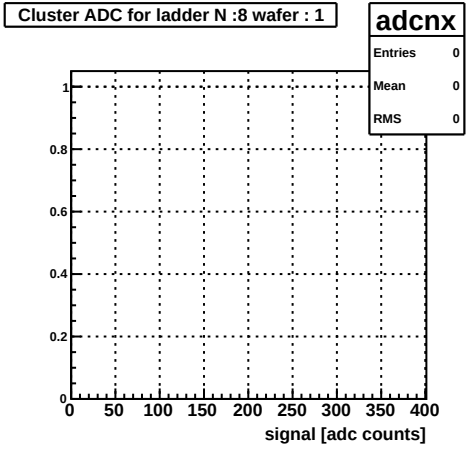

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5759
Mean 28.73
RMS 31.57
signal [adc counts]

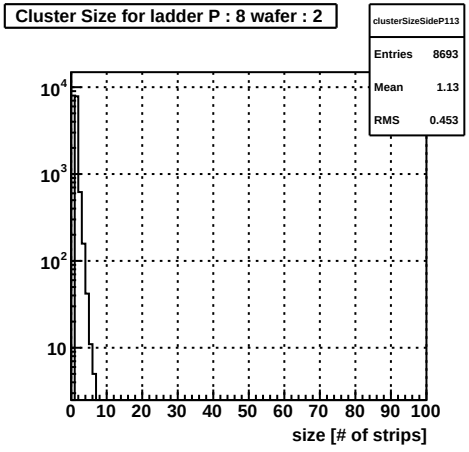

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1132
Mean 1.202
RMS 0.5322
size [# of strips]

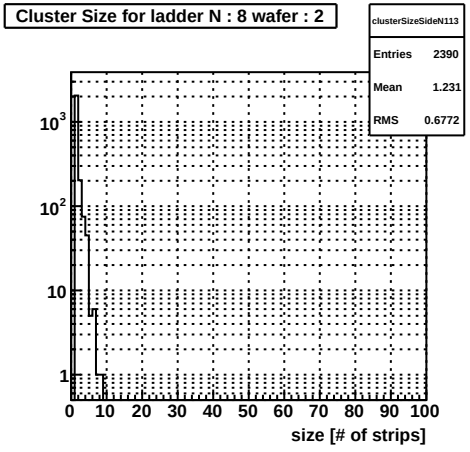

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

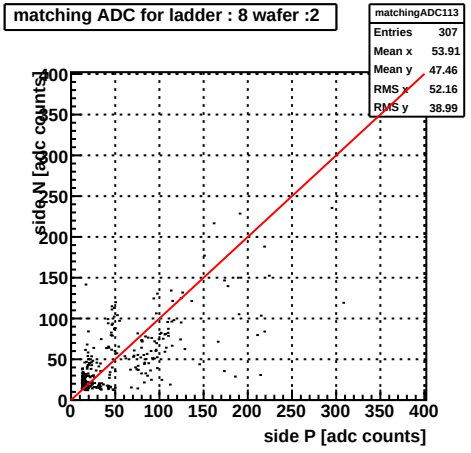

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

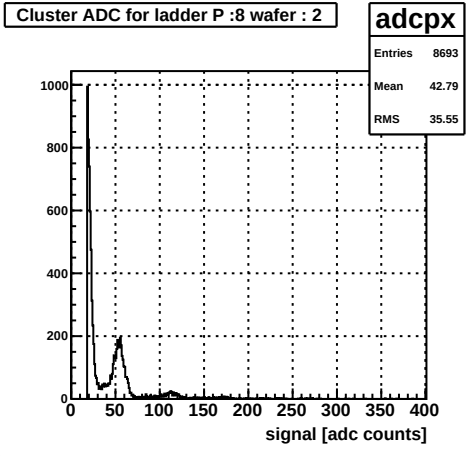

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1132
Mean 48.76
RMS 55.21
signal [adc counts]

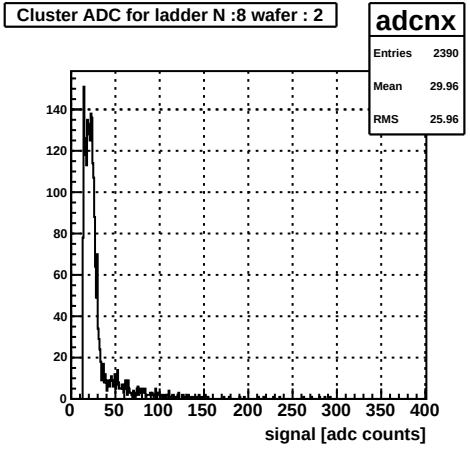

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

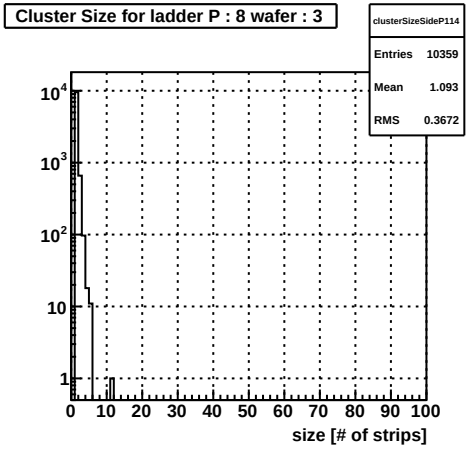

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8693
Mean 1.13
RMS 0.453
size [# of strips]

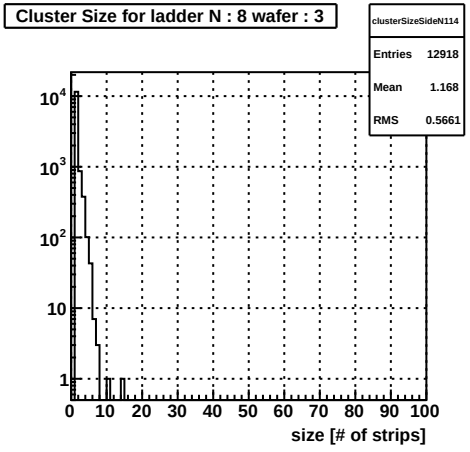

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2390
Mean 1.231
RMS 0.6772
size [# of strips]

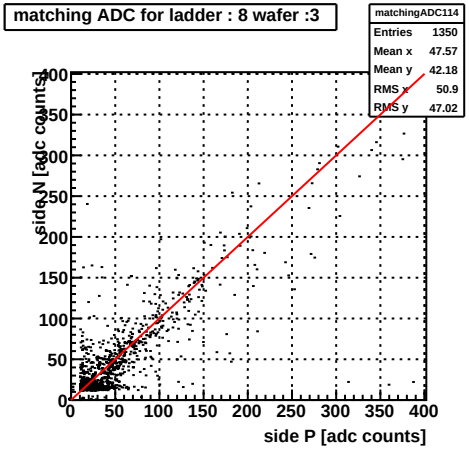

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 307
Mean x 53.91
Mean y 47.46
RMS x 52.16
RMS y 38.99
side N [adc counts]
side P [adc counts]

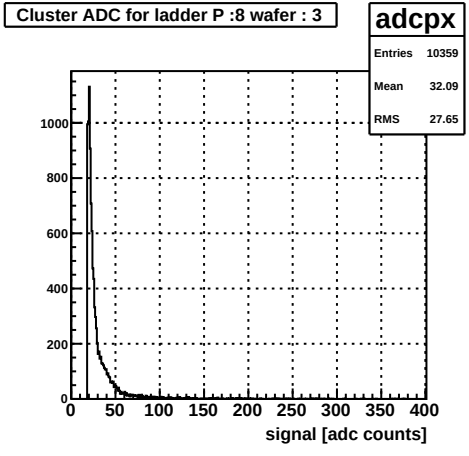

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8693
Mean 42.79
RMS 35.55
signal [adc counts]

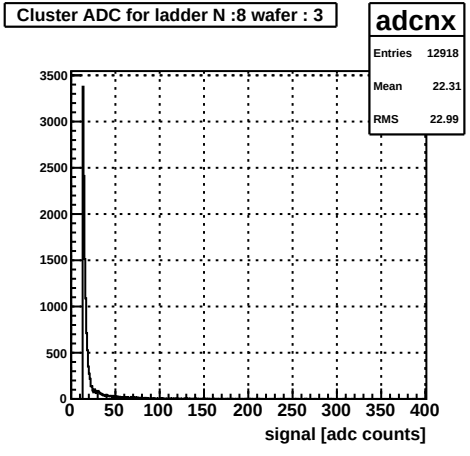

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2390
Mean 29.96
RMS 25.96
signal [adc counts]

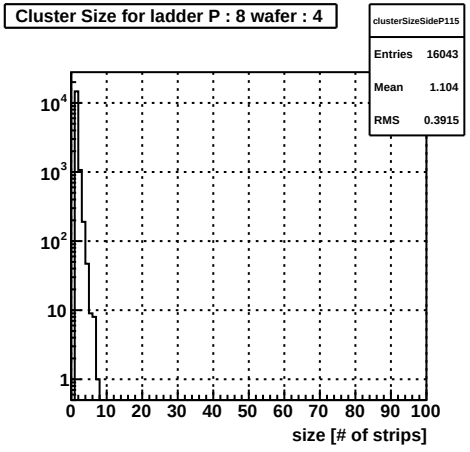

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 10359
Mean 1.093
RMS 0.3672
size [# of strips]

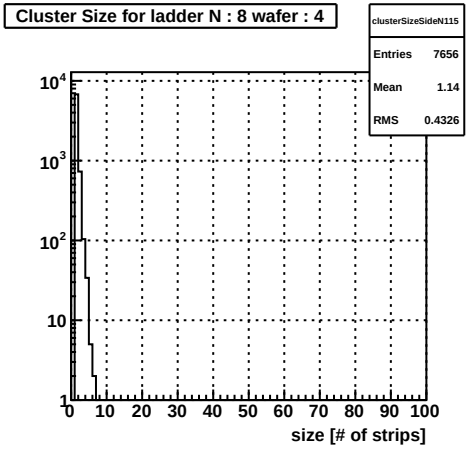

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 12918
Mean 1.168
RMS 0.5661
size [# of strips]

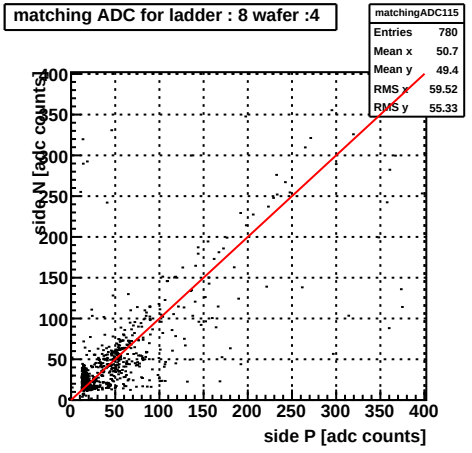

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1350
Mean x 47.57
Mean y 42.18
RMS x 50.9
RMS y 47.02
side N [adc counts]
side P [adc counts]

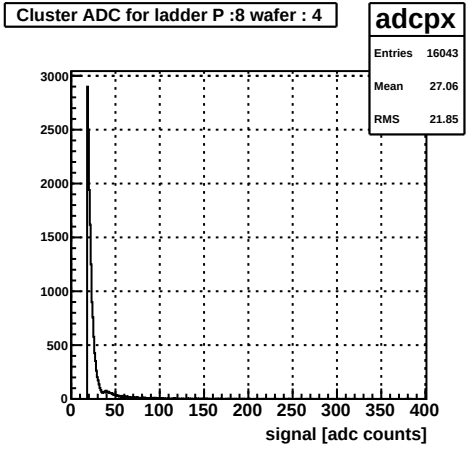

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 10359
Mean 32.09
RMS 27.65
signal [adc counts]

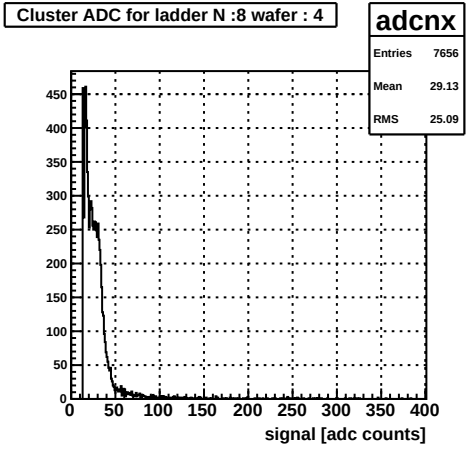

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 12918
Mean 22.31
RMS 22.99
signal [adc counts]

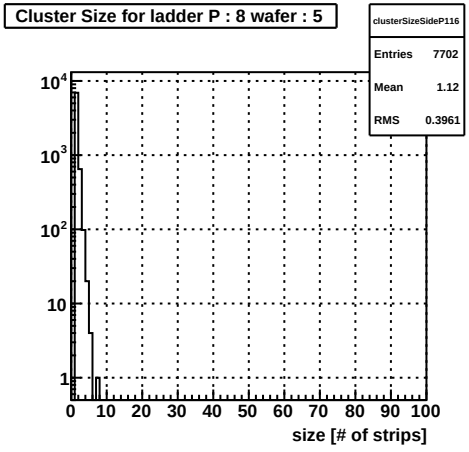

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 16043
Mean 1.104
RMS 0.3915
size [# of strips]

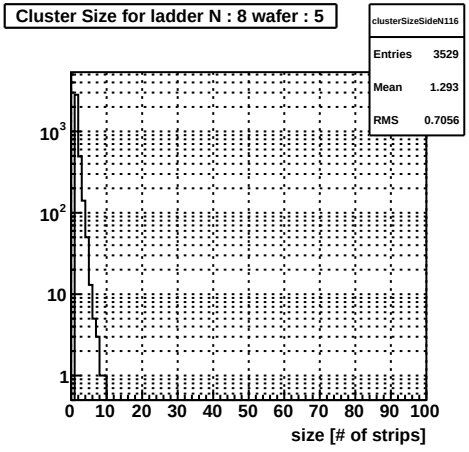

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7656
Mean 1.14
RMS 0.4326
size [# of strips]

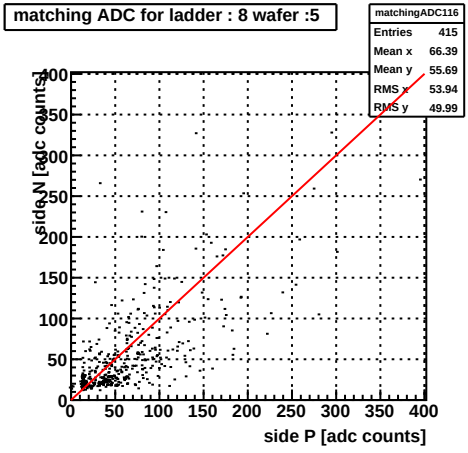

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 780
Mean x 50.7
Mean y 49.4
RMS x 59.52
RMS y 55.33
side N [adc counts]
side P [adc counts]

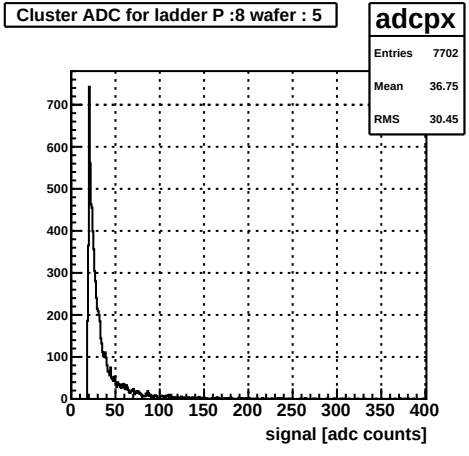

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 16043
Mean 27.06
RMS 21.85
signal [adc counts]

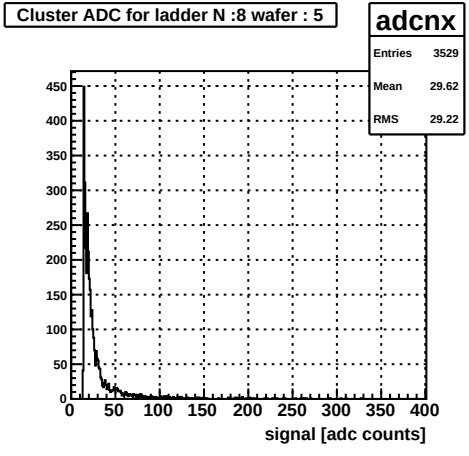

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7656
Mean 29.13
RMS 25.09
signal [adc counts]

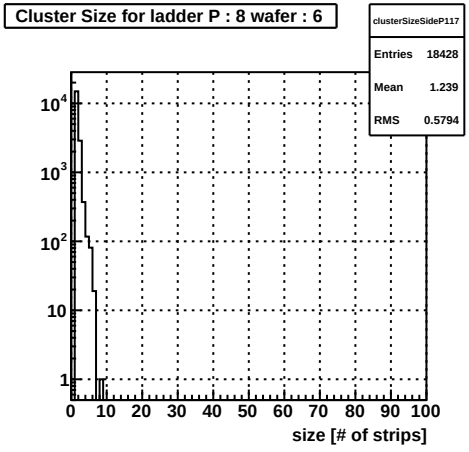

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7702
Mean 1.12
RMS 0.3961
size [# of strips]

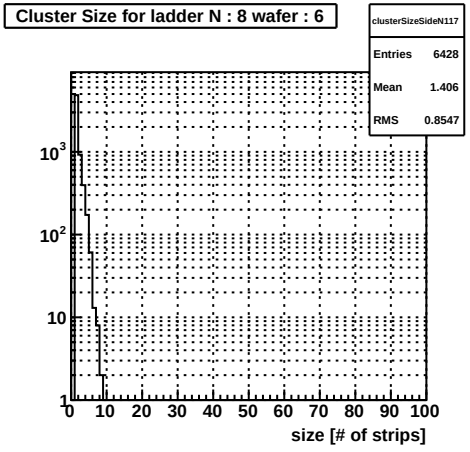

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3529
Mean 1.293
RMS 0.7056
size [# of strips]

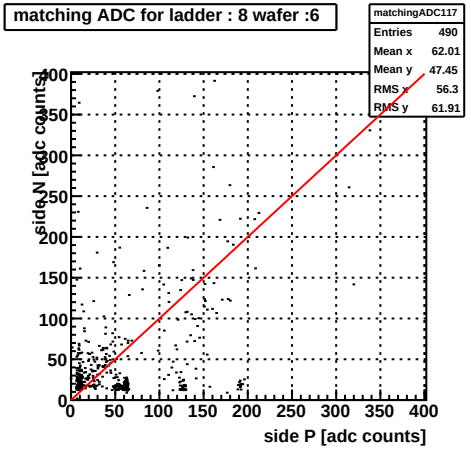

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 415
Mean x 66.39
Mean y 55.69
RMS x 53.94
RMS y 49.99
side N [adc counts]
side P [adc counts]

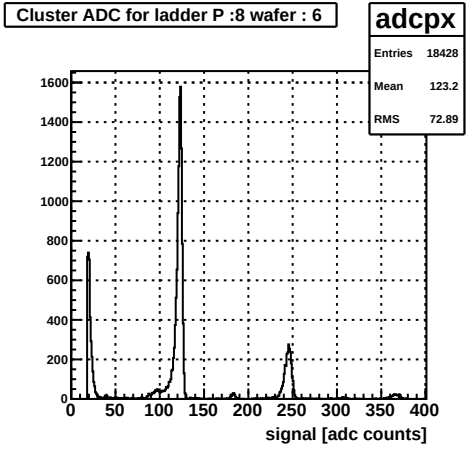

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7702
Mean 36.75
RMS 30.45
signal [adc counts]

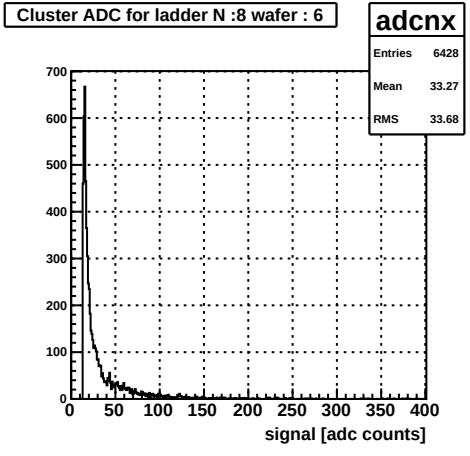

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3529
Mean 29.62
RMS 29.22
signal [adc counts]

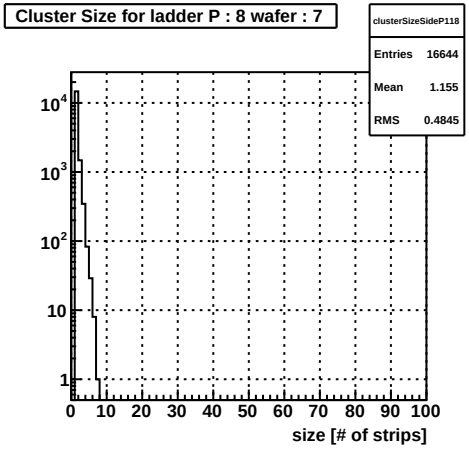

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 18428
Mean 1.239
RMS 0.5794
size [# of strips]

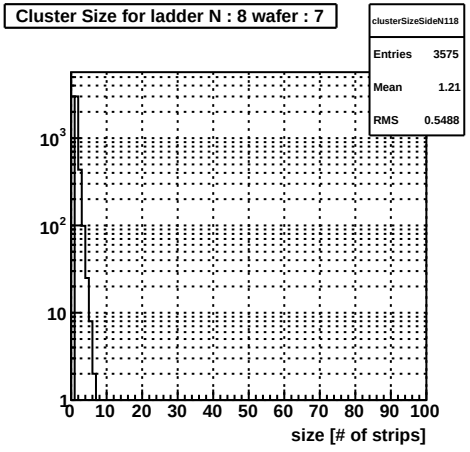

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6428
Mean 1.406
RMS 0.8547
size [# of strips]

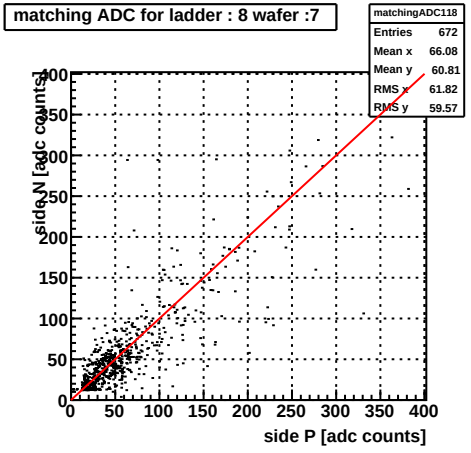

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 490
Mean x 62.01
Mean y 47.45
RMS x 56.3
RMS y 61.91
side N [adc counts]
side P [adc counts]

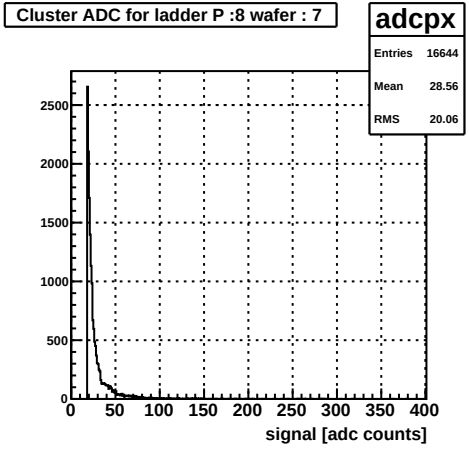

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 18428
Mean 123.2
RMS 72.89
signal [adc counts]

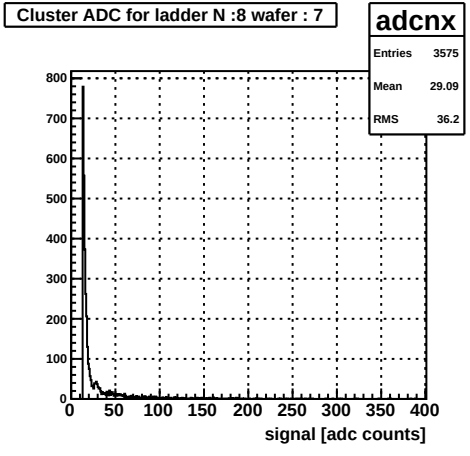

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6428
Mean 33.27
RMS 33.68
signal [adc counts]

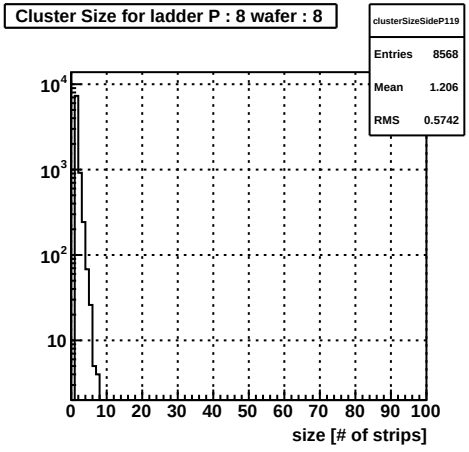

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 16644
Mean 1.155
RMS 0.4845
size [# of strips]

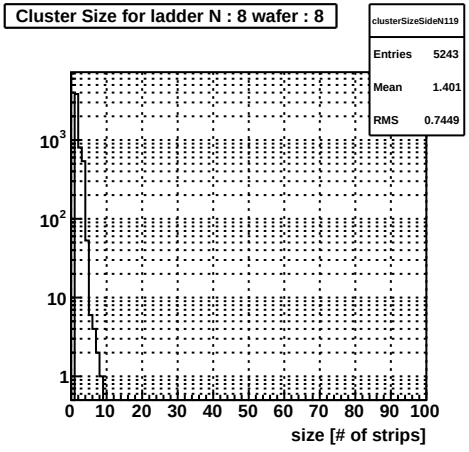

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3575
Mean 1.21
RMS 0.5488
size [# of strips]

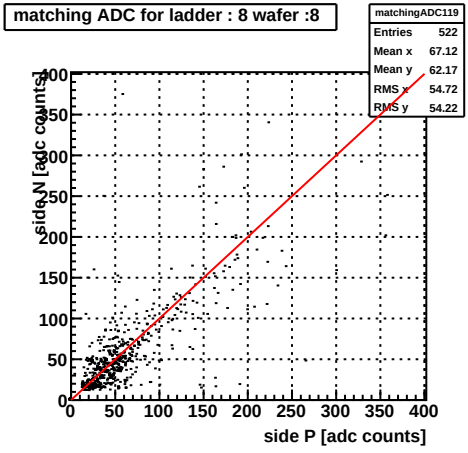

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 672
Mean x 66.08
Mean y 60.81
RMS x 61.82
RMS y 59.57
side N [adc counts]
side P [adc counts]

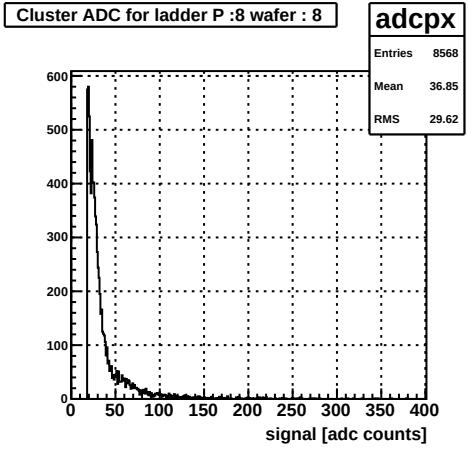

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 16644
Mean 28.56
RMS 20.06
signal [adc counts]

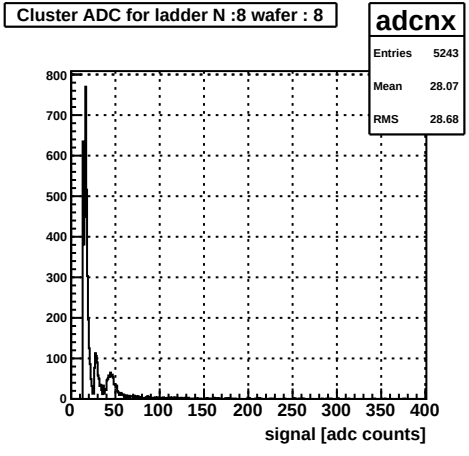

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3575
Mean 29.09
RMS 36.2
signal [adc counts]

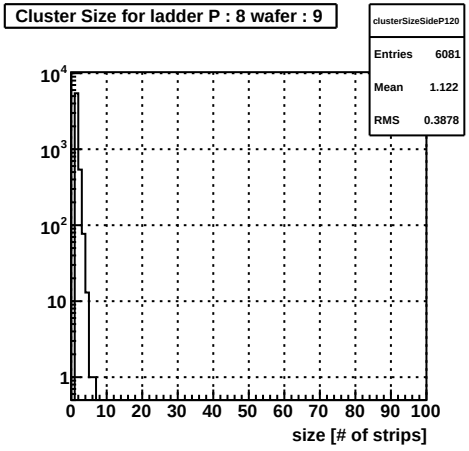

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8568
Mean 1.206
RMS 0.5742
size [# of strips]

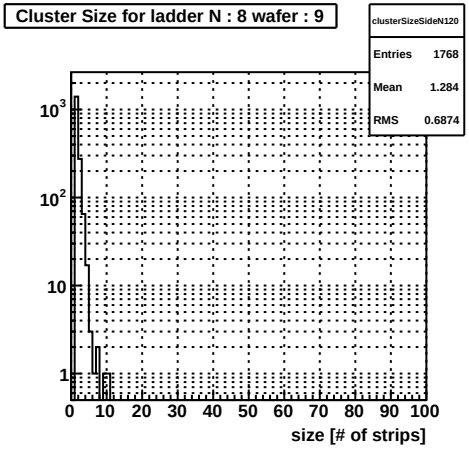

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 5243
Mean 1.401
RMS 0.7449
size [# of strips]

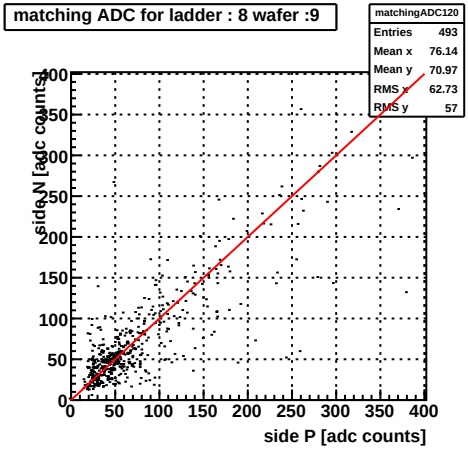

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 522
Mean x 67.12
Mean y 62.17
RMS x 54.72
RMS y 54.22
side N [adc counts]
side P [adc counts]

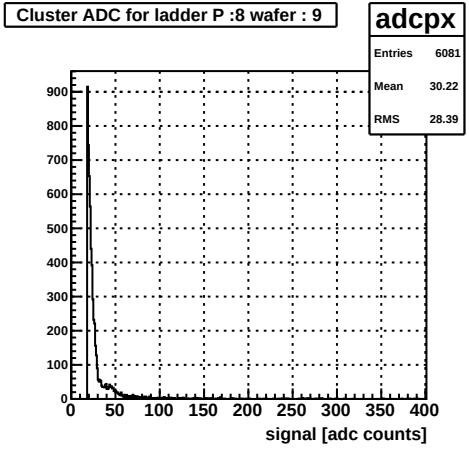

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8568
Mean 36.85
RMS 29.62
signal [adc counts]

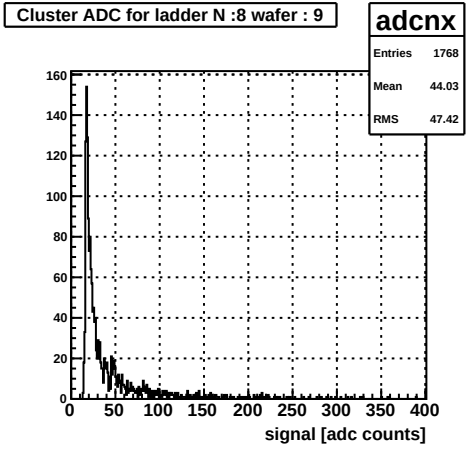

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 5243
Mean 28.07
RMS 28.68
signal [adc counts]

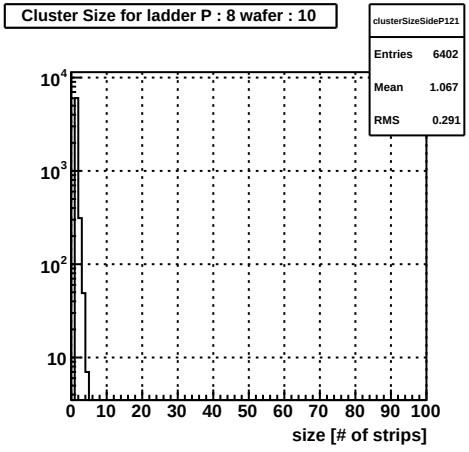

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6081
Mean 1.122
RMS 0.3878
size [# of strips]

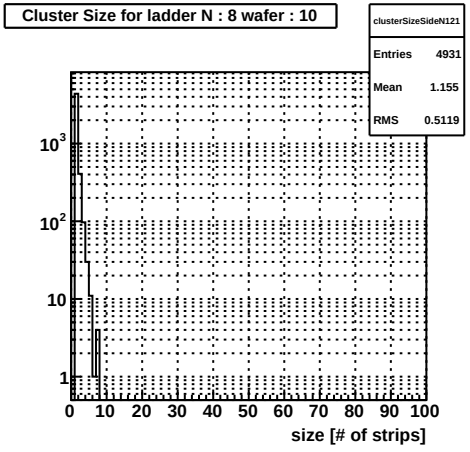

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1768
Mean 1.284
RMS 0.6874
size [# of strips]

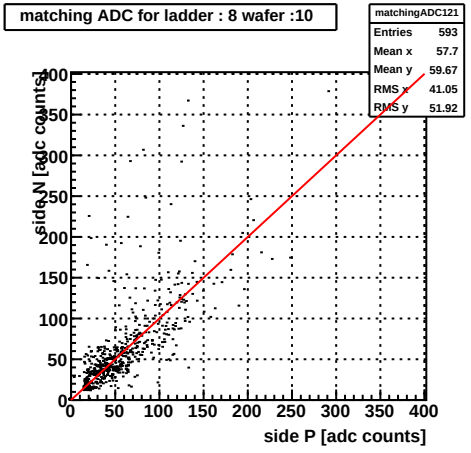

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 493
Mean x 76.14
Mean y 70.97
RMS x 62.73
RMS y 57
side N [adc counts]
side P [adc counts]

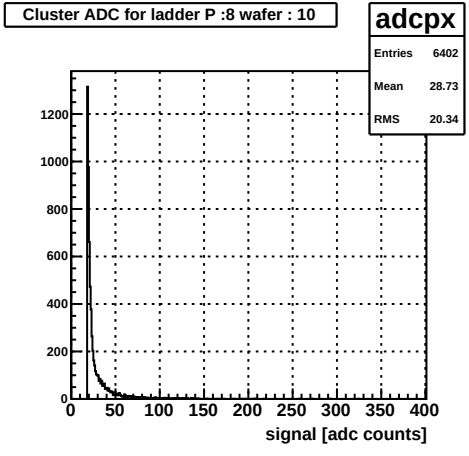

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6081
Mean 30.22
RMS 28.39
signal [adc counts]

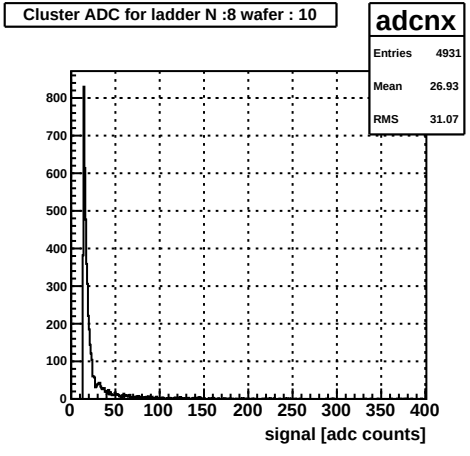

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1768
Mean 44.03
RMS 47.42
signal [adc counts]

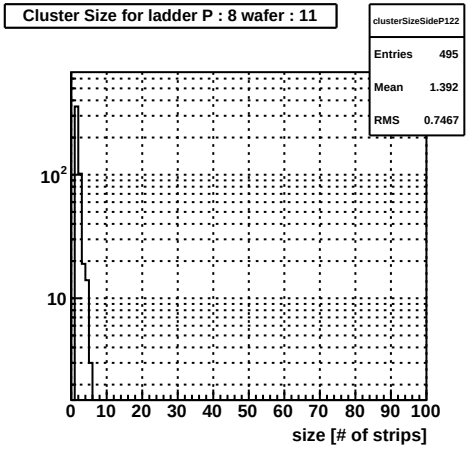

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6402
Mean 1.067
RMS 0.291
size [# of strips]

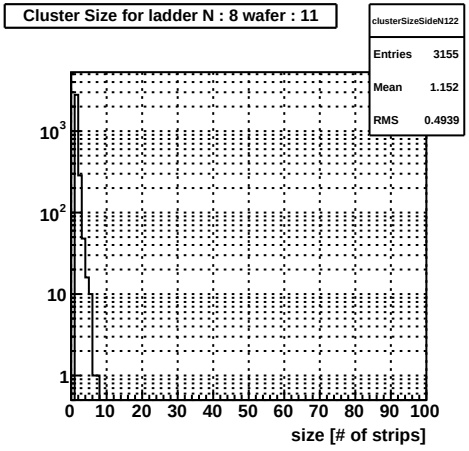

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4931
Mean 1.155
RMS 0.5119
size [# of strips]

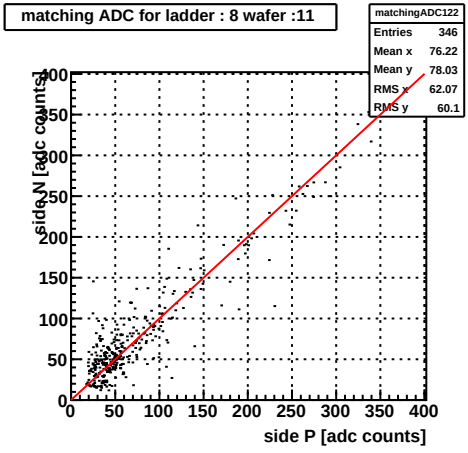

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 593
Mean x 57.7
Mean y 59.67
RMS x 41.05
RMS y 51.92
side N [adc counts]
side P [adc counts]

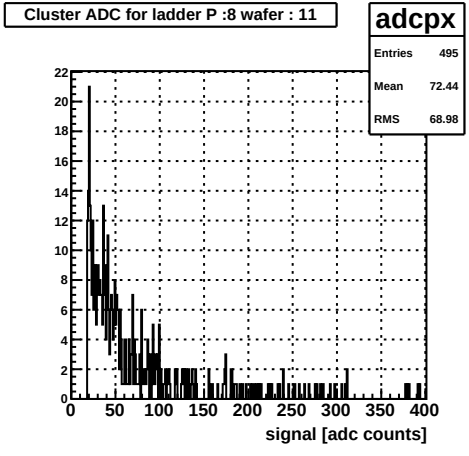

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6402
Mean 28.73
RMS 20.34
signal [adc counts]

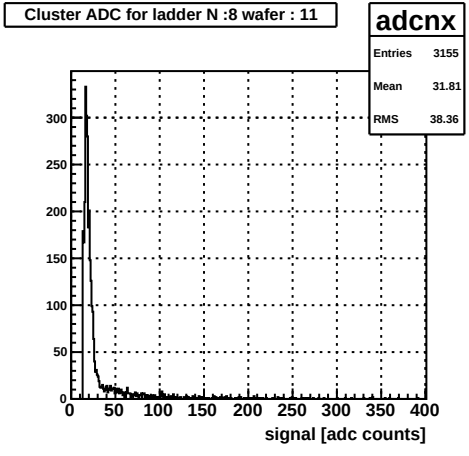

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4931
Mean 26.93
RMS 31.07
signal [adc counts]

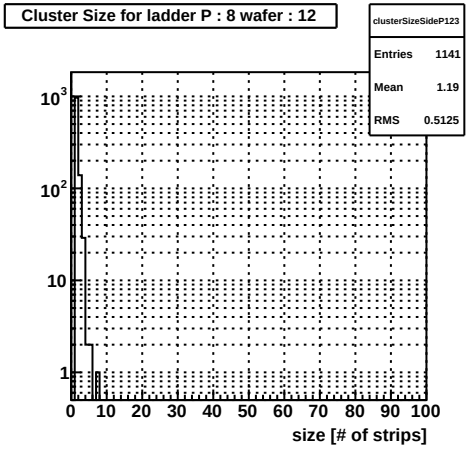

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 495
Mean 1.392
RMS 0.7467
size [# of strips]

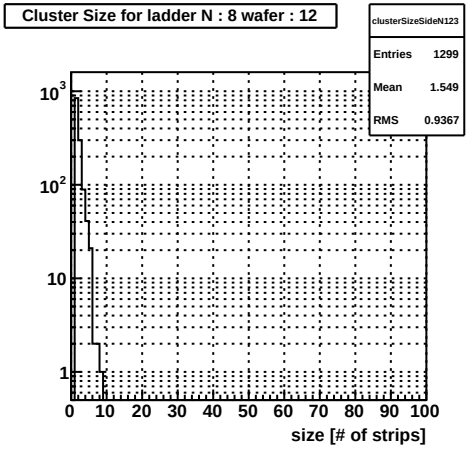

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3155
Mean 1.152
RMS 0.4939
size [# of strips]

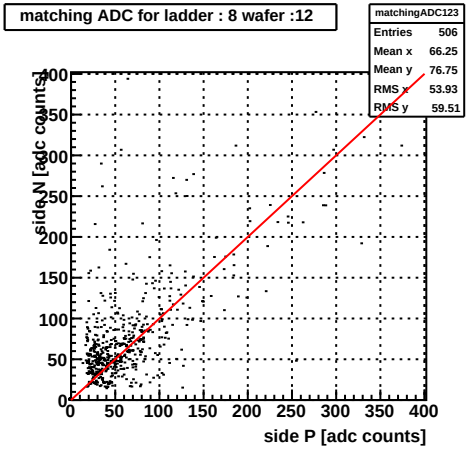

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 346
Mean x 76.22
Mean y 78.03
RMS x 62.07
RMS y 60.1
side N [adc counts]
side P [adc counts]

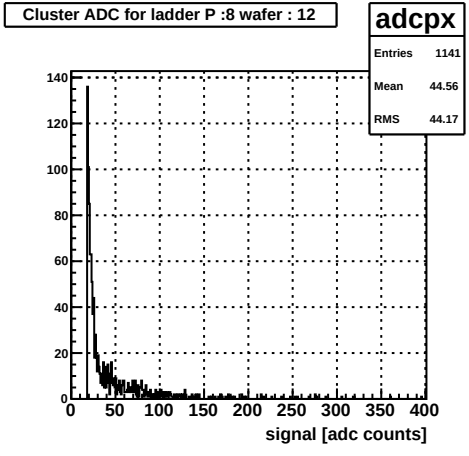

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 495
Mean 72.44
RMS 68.98
signal [adc counts]

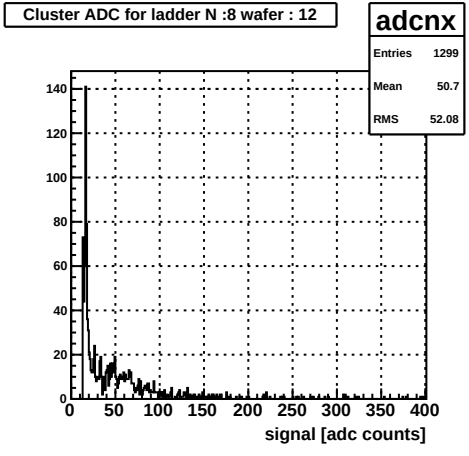

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3155
Mean 31.81
RMS 38.36
signal [adc counts]

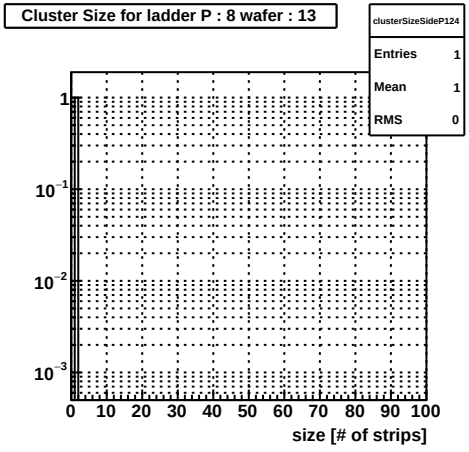

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1141
Mean 1.19
RMS 0.5125
size [# of strips]

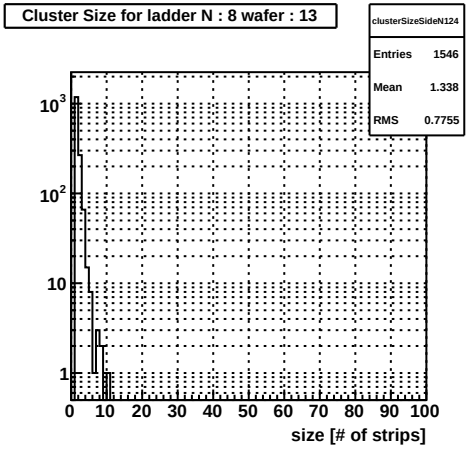

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1299
Mean 1.549
RMS 0.9367
size [# of strips]

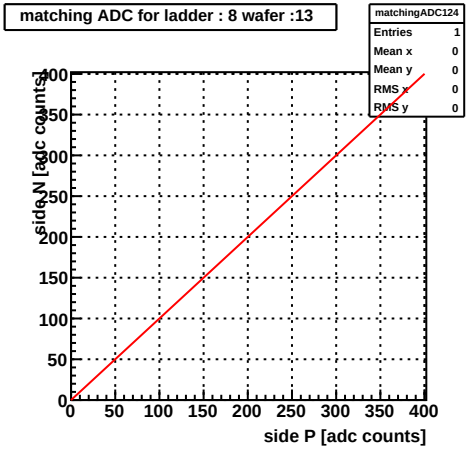

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 506
Mean x 66.25
Mean y 76.75
RMS x 53.93
RMS y 59.51
side N [adc counts]
side P [adc counts]

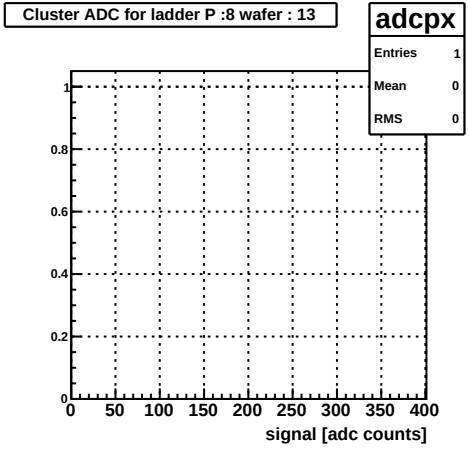

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1141
Mean 44.56
RMS 44.17
signal [adc counts]

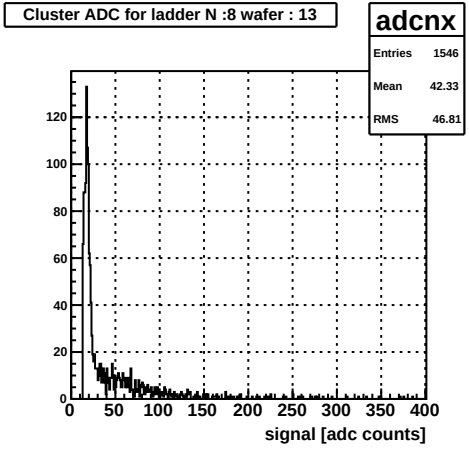

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1299
Mean 50.7
RMS 52.08
signal [adc counts]

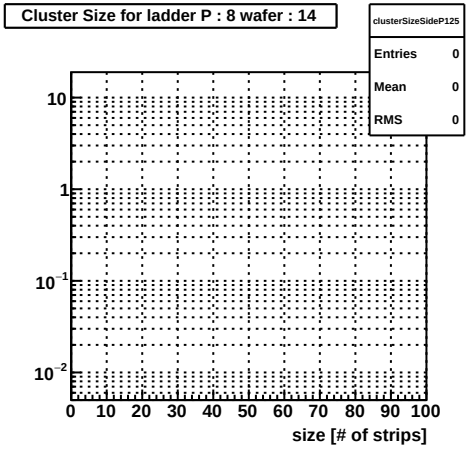

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

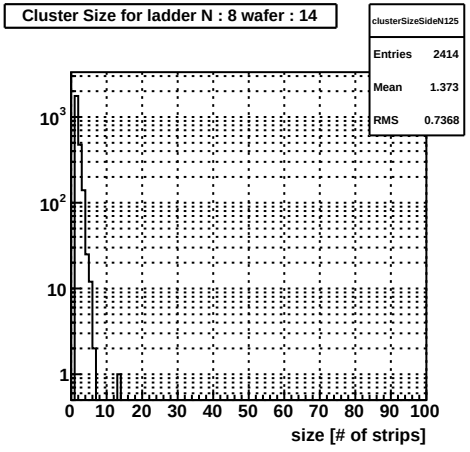

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1546
Mean 1.338
RMS 0.7755
size [# of strips]

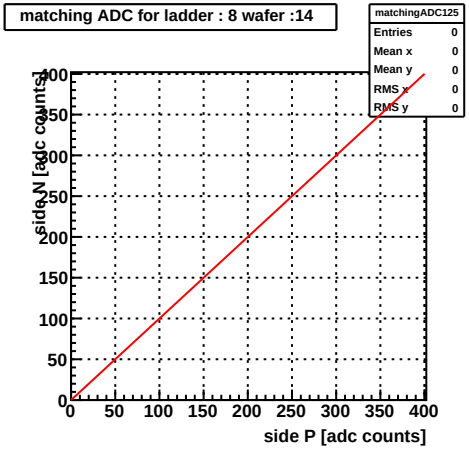

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

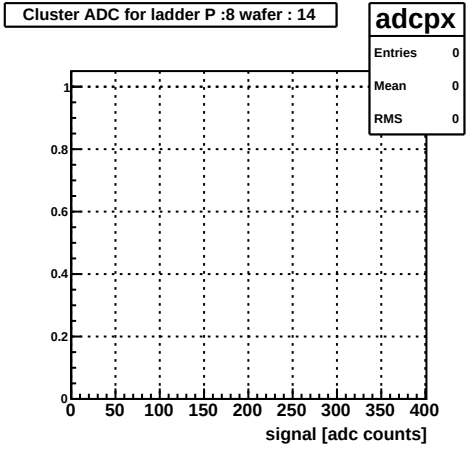

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

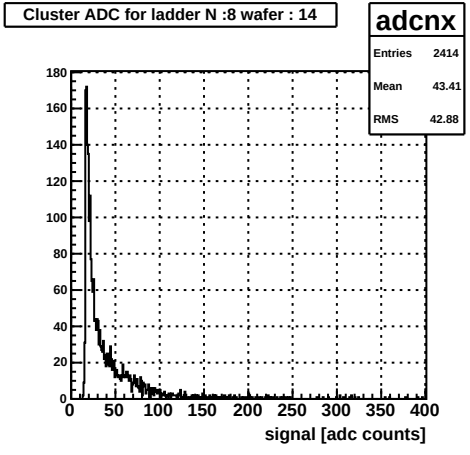

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1546
Mean 42.33
RMS 46.81
signal [adc counts]

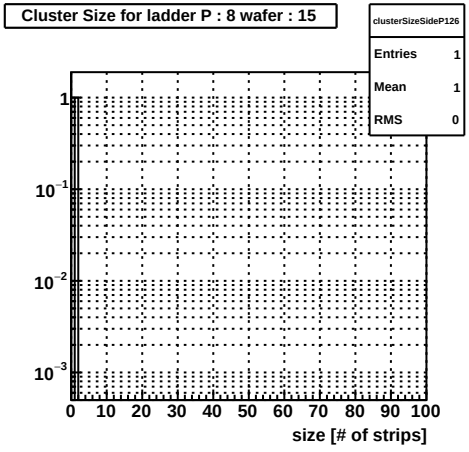

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

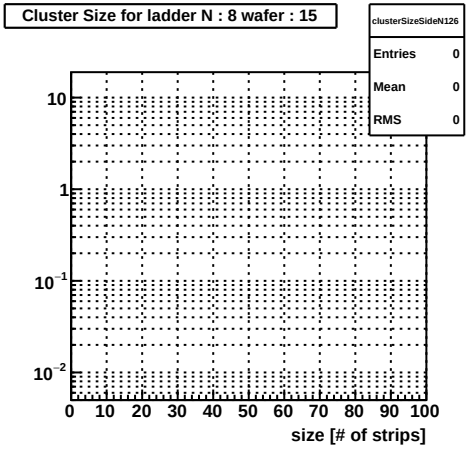

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2414
Mean 1.373
RMS 0.7368
size [# of strips]

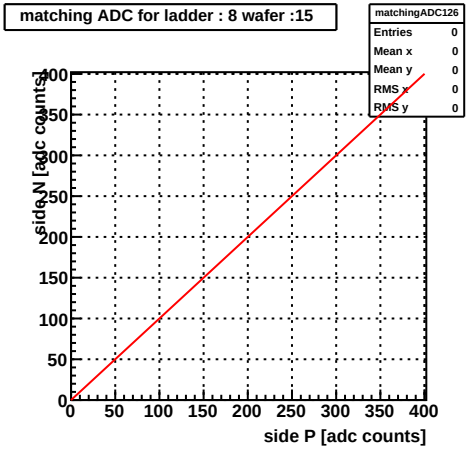

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

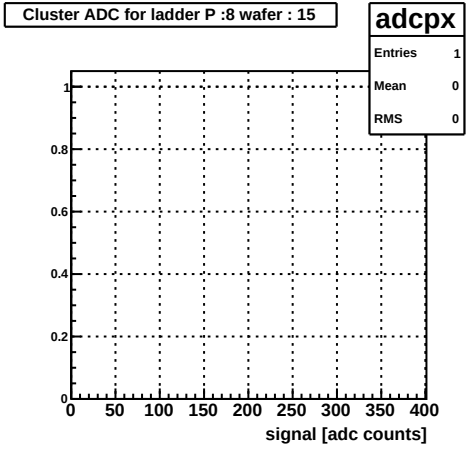

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

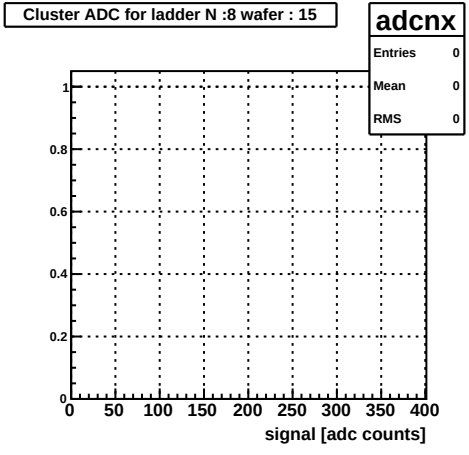

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2414
Mean 43.41
RMS 42.88
signal [adc counts]

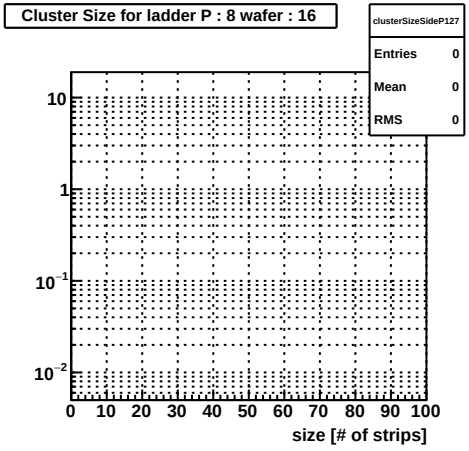

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

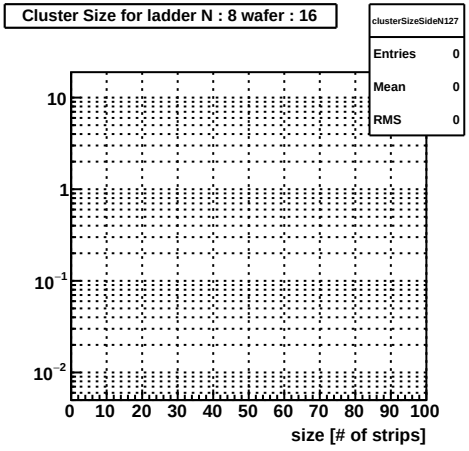

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

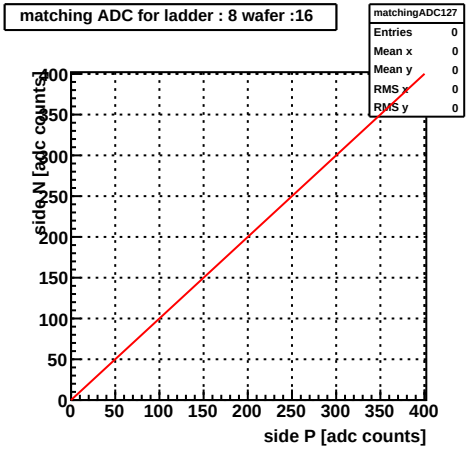

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

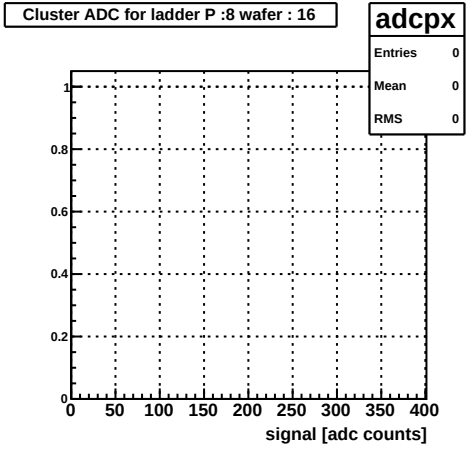

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

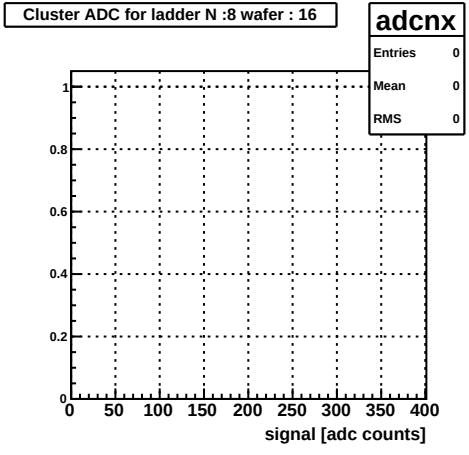

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

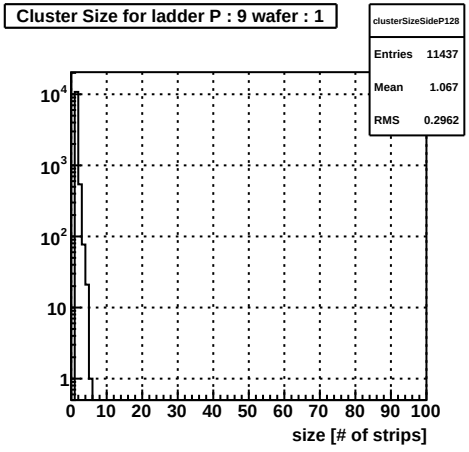

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

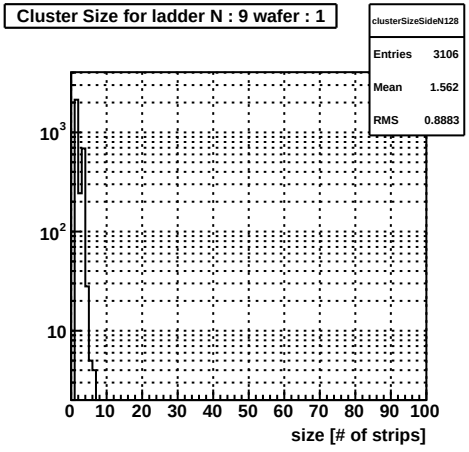

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

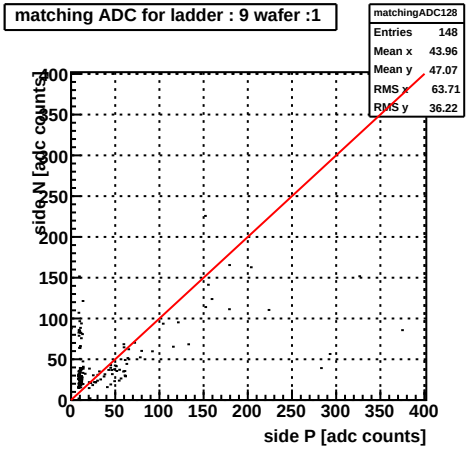

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

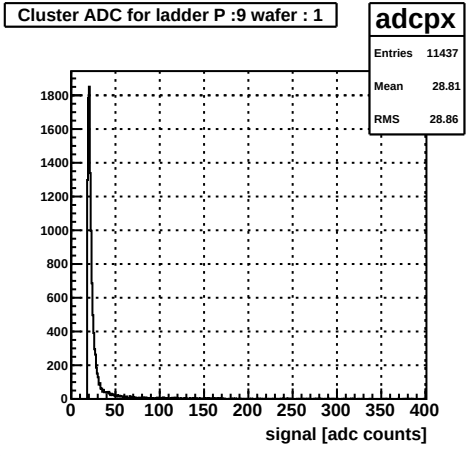

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

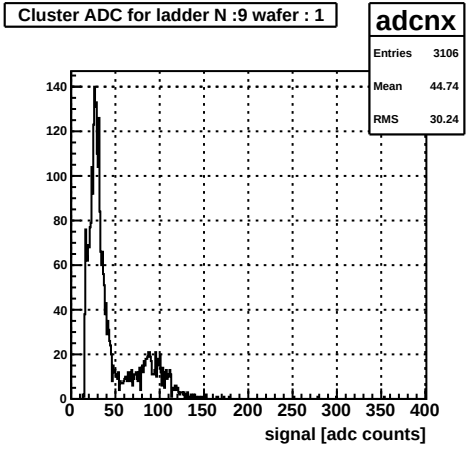

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

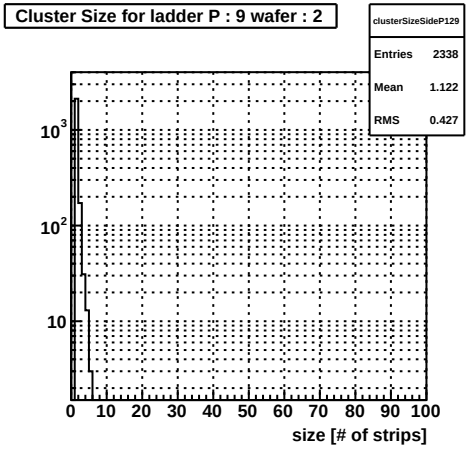

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 11437
Mean 1.067
RMS 0.2962
size [# of strips]

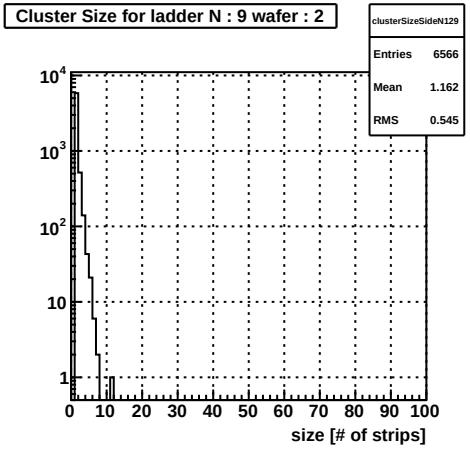

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3106
Mean 1.562
RMS 0.8883
size [# of strips]

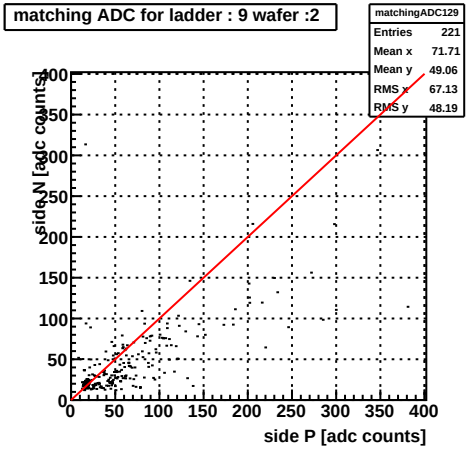

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 148
Mean x 43.96
Mean y 47.07
RMS x 63.71
RMS y 36.22
side N [adc counts]
side P [adc counts]

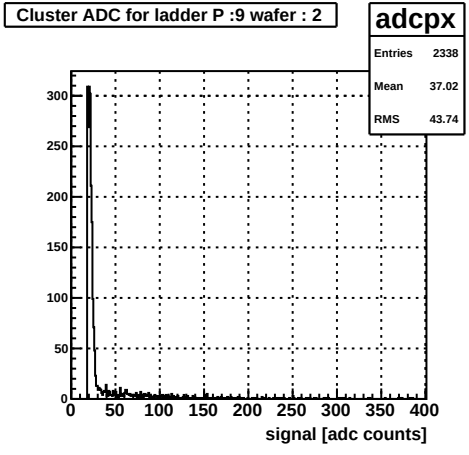

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 11437
Mean 28.81
RMS 28.86
signal [adc counts]

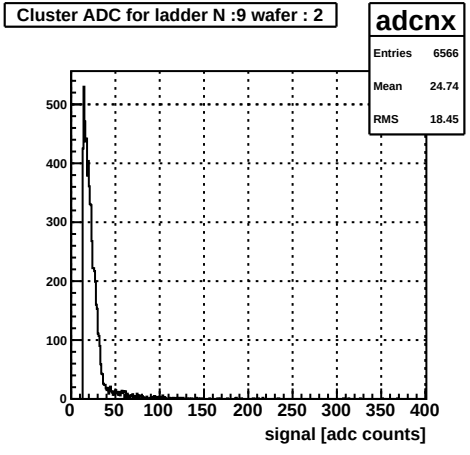

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3106
Mean 44.74
RMS 30.24
signal [adc counts]

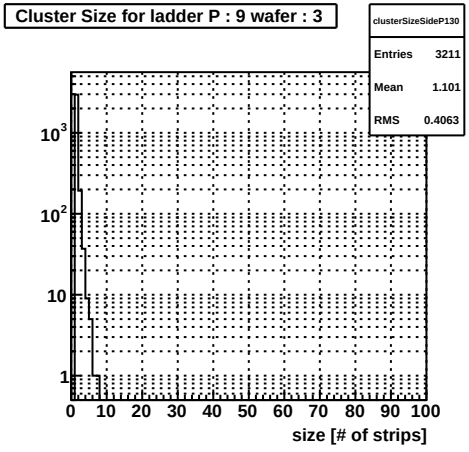

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2338
Mean 1.122
RMS 0.427
size [# of strips]

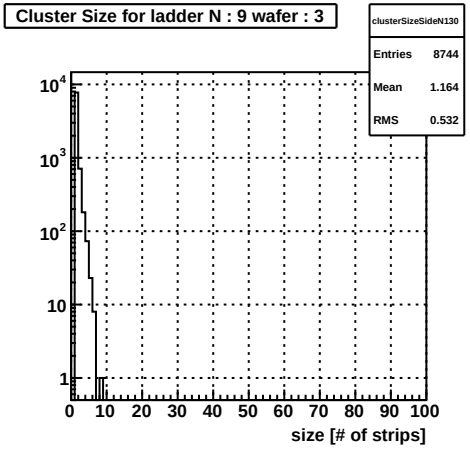

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6566
Mean 1.162
RMS 0.545
size [# of strips]

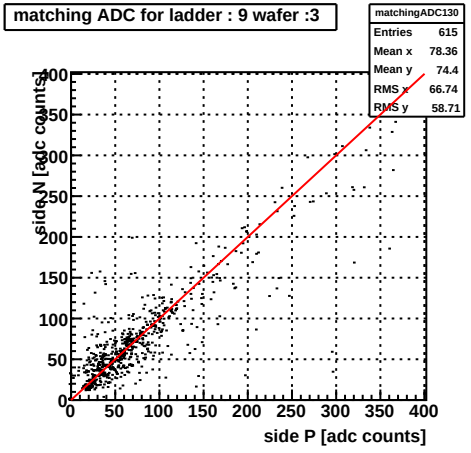

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 221
Mean x 71.71
Mean y 49.06
RMS x 67.13
RMS y 48.19
side N [adc counts]
side P [adc counts]

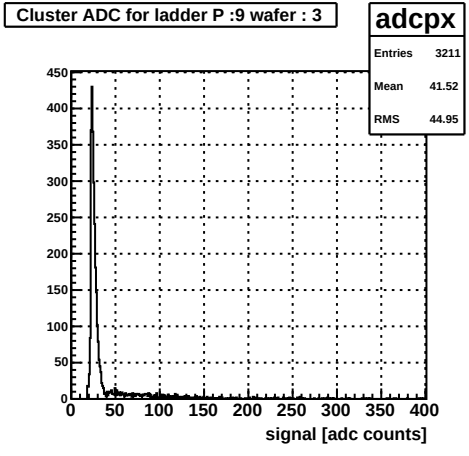

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2338
Mean 37.02
RMS 43.74
signal [adc counts]

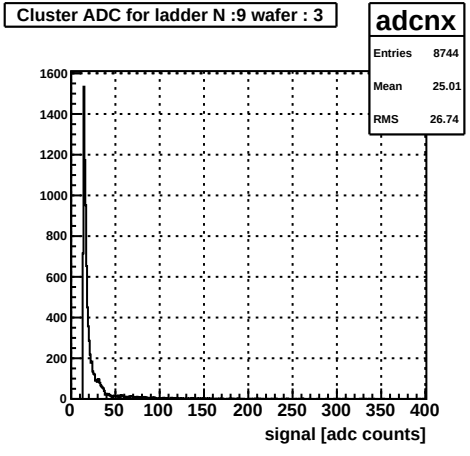

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6566
Mean 24.74
RMS 18.45
signal [adc counts]

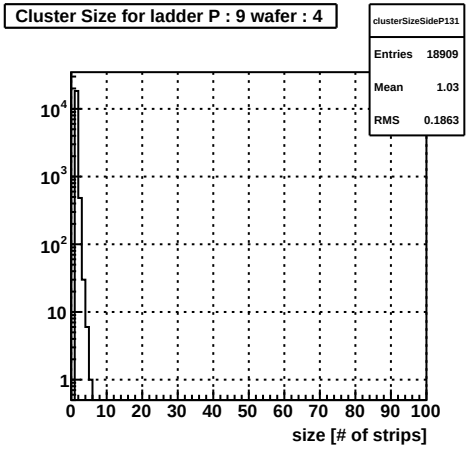

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3211
Mean 1.101
RMS 0.4063
size [# of strips]

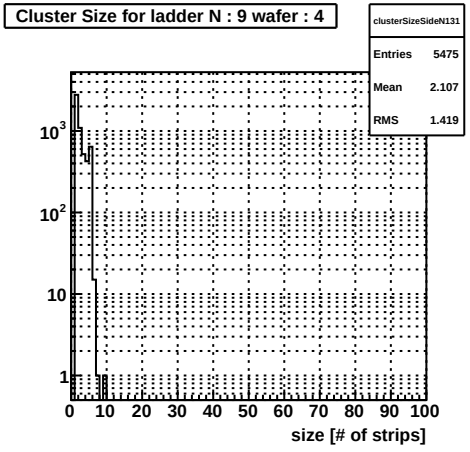

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 8744
Mean 1.164
RMS 0.532
size [# of strips]

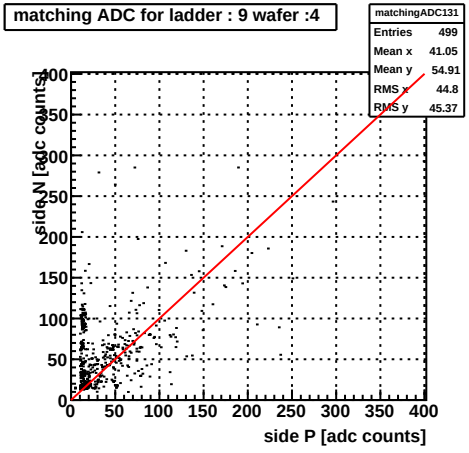

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 615
Mean x 78.36
Mean y 74.4
RMS x 66.74
RMS y 58.71
side N [adc counts]
side P [adc counts]

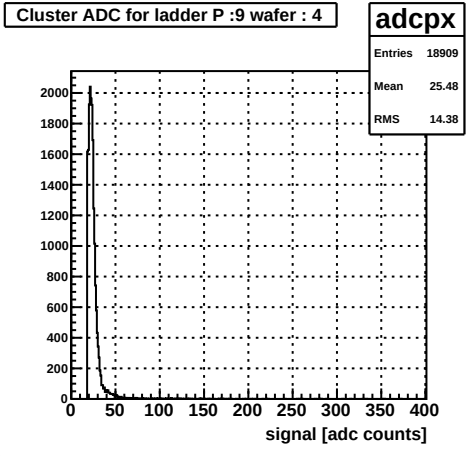

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3211
Mean 41.52
RMS 44.95
signal [adc counts]

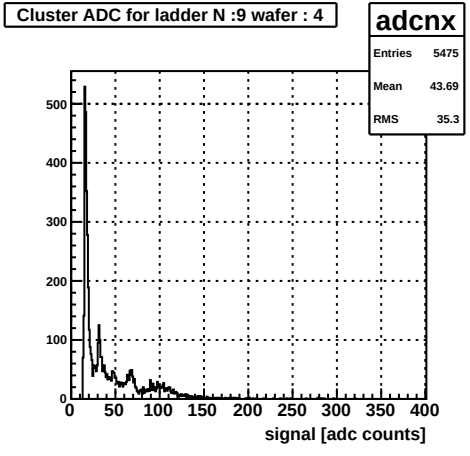

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 8744
Mean 25.01
RMS 26.74
signal [adc counts]

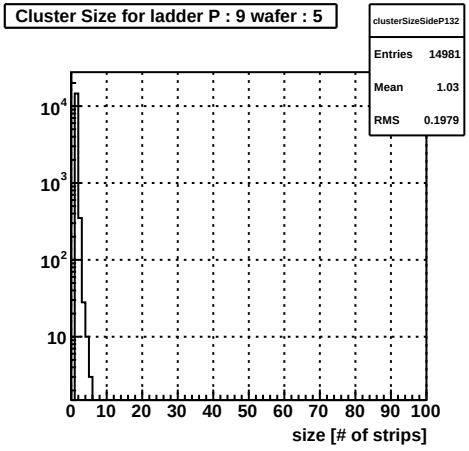

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 18909
Mean 1.03
RMS 0.1863
size [# of strips]

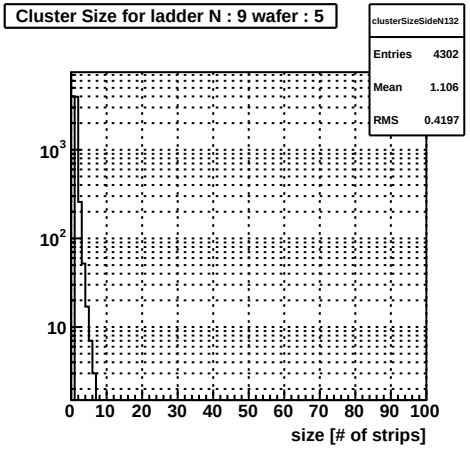

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5475
Mean 2.107
RMS 1.419
size [# of strips]

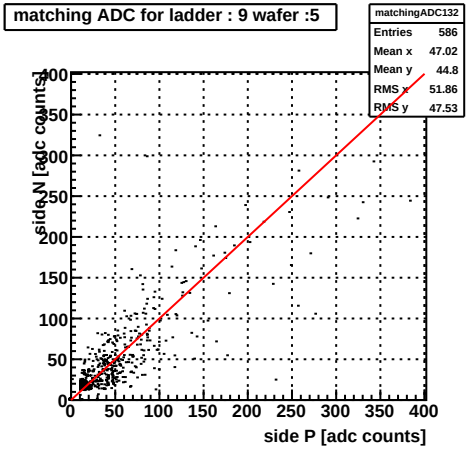

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 499
Mean x 41.05
Mean y 54.91
RMS x 44.8
RMS y 45.37
side N [adc counts]
side P [adc counts]

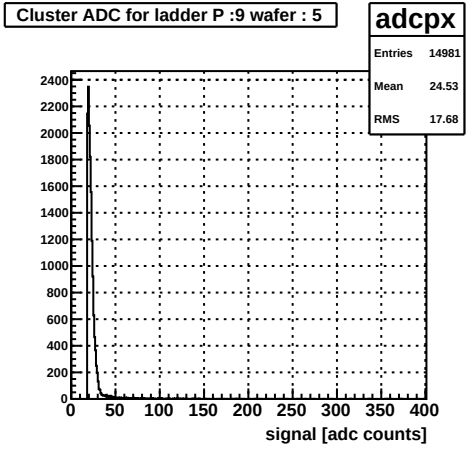

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 18909
Mean 25.48
RMS 14.38
signal [adc counts]

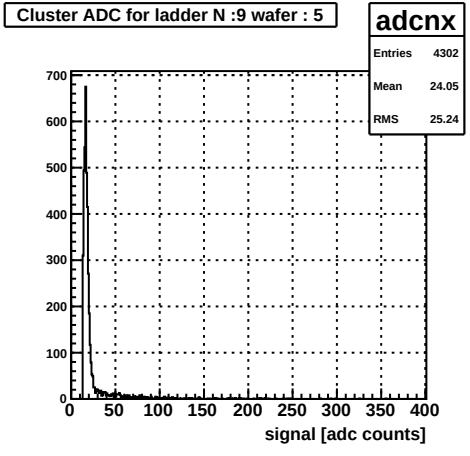

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5475
Mean 43.69
RMS 35.3
signal [adc counts]

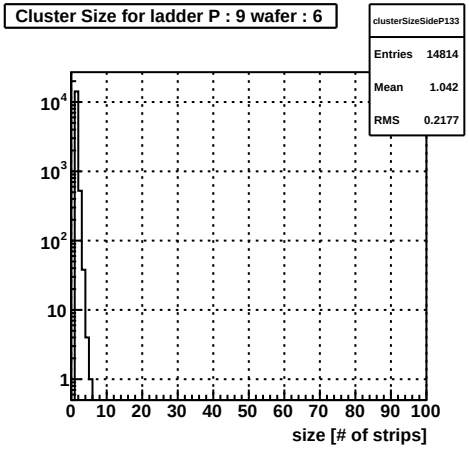

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14981
Mean 1.03
RMS 0.1979
size [# of strips]

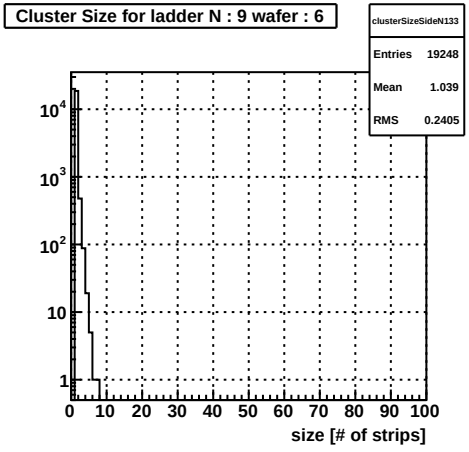

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 4302
Mean 1.106
RMS 0.4197
size [# of strips]

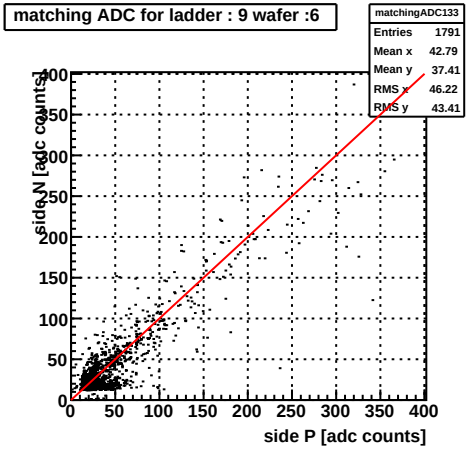

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 586
Mean x 47.02
Mean y 44.8
RMS x 51.86
RMS y 47.53
side N [adc counts]
side P [adc counts]

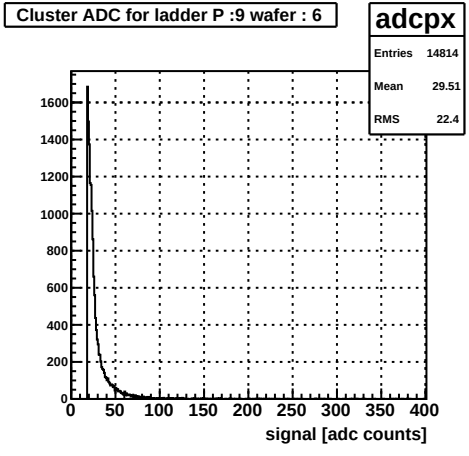

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14981
Mean 24.53
RMS 17.68
signal [adc counts]

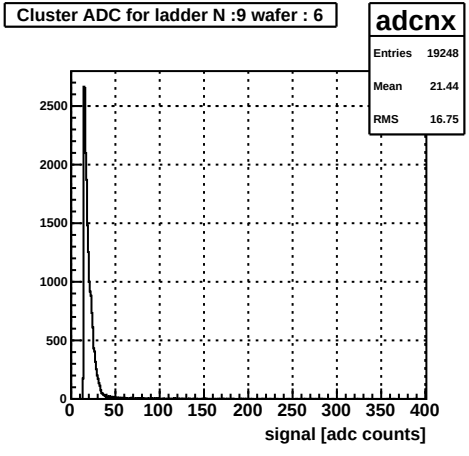

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 4302
Mean 24.05
RMS 25.24
signal [adc counts]

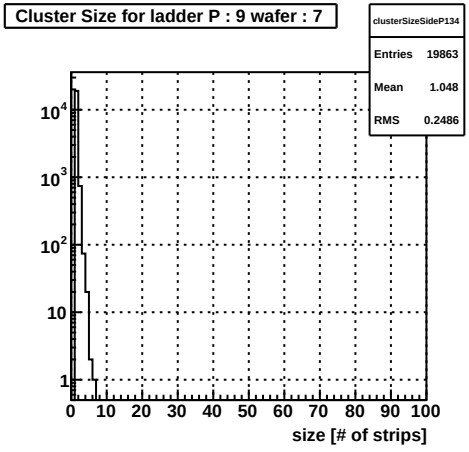

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14814
Mean 1.042
RMS 0.2177
size [# of strips]

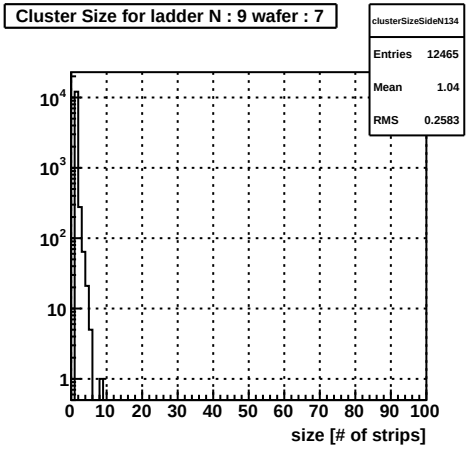

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 19248
Mean 1.039
RMS 0.2405
size [# of strips]

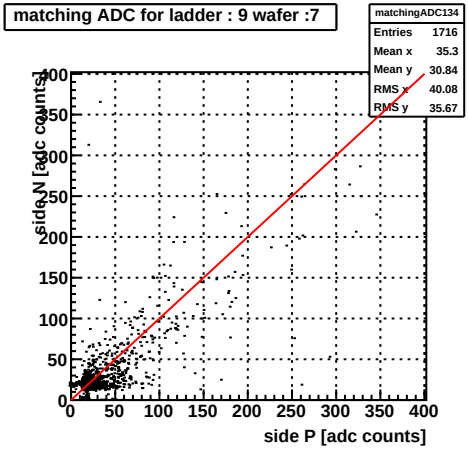

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1791
Mean x 42.79
Mean y 37.41
RMS x 46.22
RMS y 43.41
side N [adc counts]
side P [adc counts]

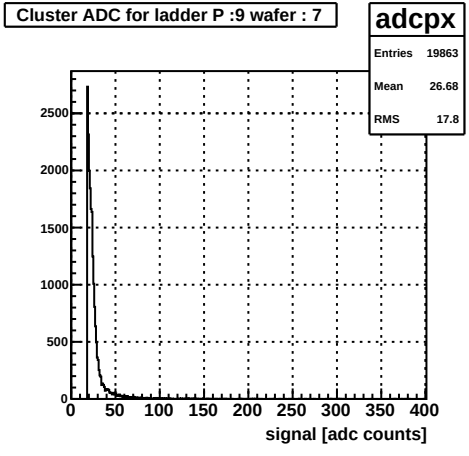

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14814
Mean 29.51
RMS 22.4
signal [adc counts]

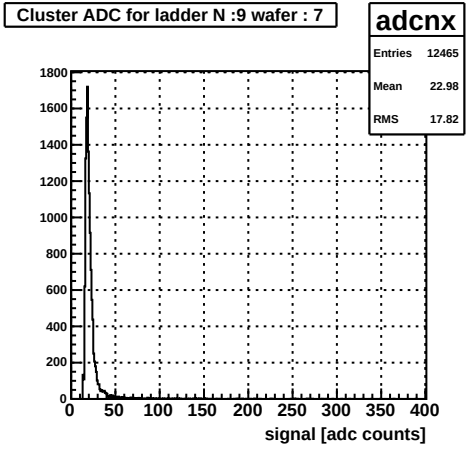

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 19248
Mean 21.44
RMS 16.75
signal [adc counts]

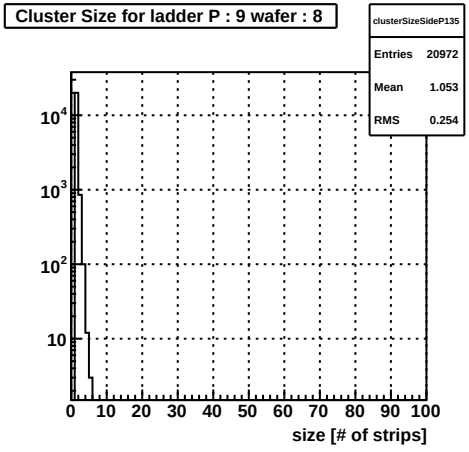

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 19863
Mean 1.048
RMS 0.2486
size [# of strips]

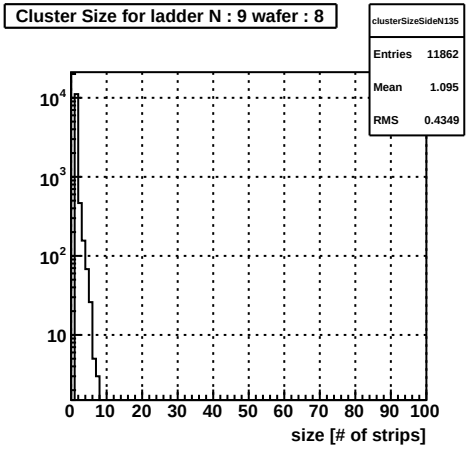

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 12465
Mean 1.04
RMS 0.2583
size [# of strips]

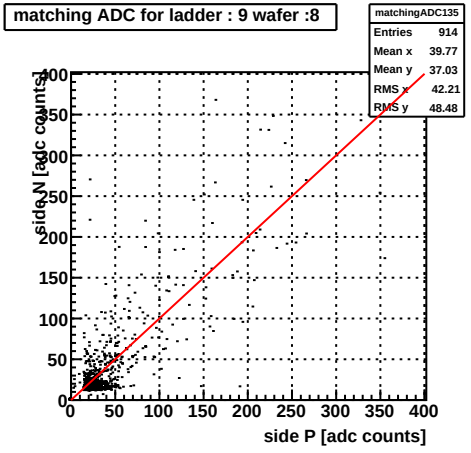

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1716
Mean x 35.3
Mean y 30.84
RMS x 40.08
RMS y 35.67
side N [adc counts]
side P [adc counts]

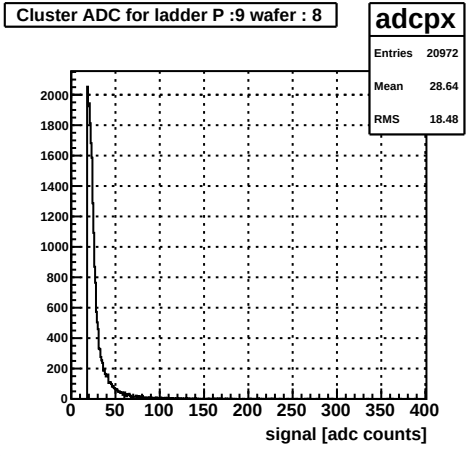

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 19863
Mean 26.68
RMS 17.8
signal [adc counts]

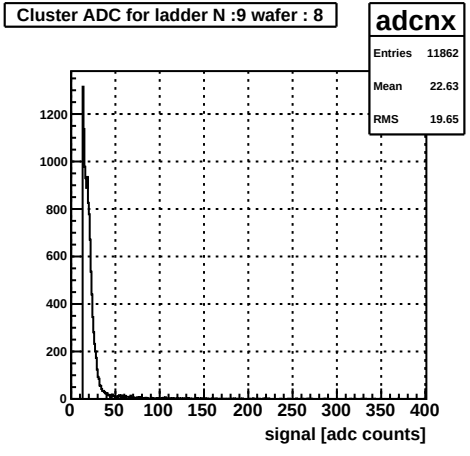

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 12465
Mean 22.98
RMS 17.82
signal [adc counts]

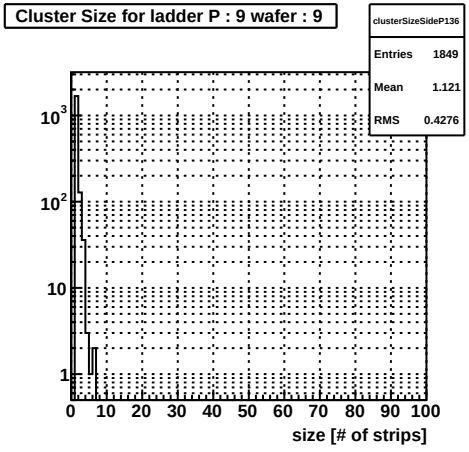

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 20972
Mean 1.053
RMS 0.254
size [# of strips]

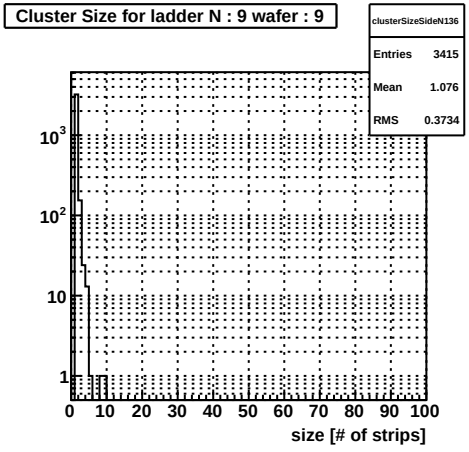

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 11862
Mean 1.095
RMS 0.4349
size [# of strips]

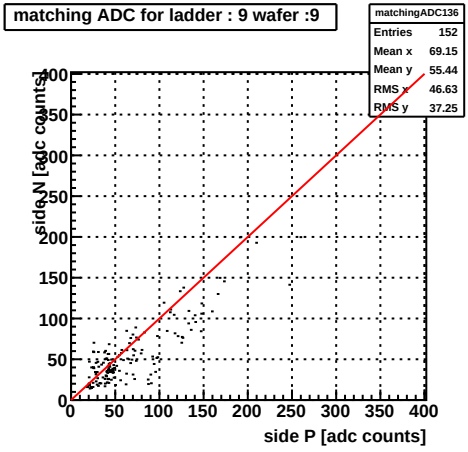

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 914
Mean x 39.77
Mean y 37.03
RMS x 42.21
RMS y 48.48
side N [adc counts]
side P [adc counts]

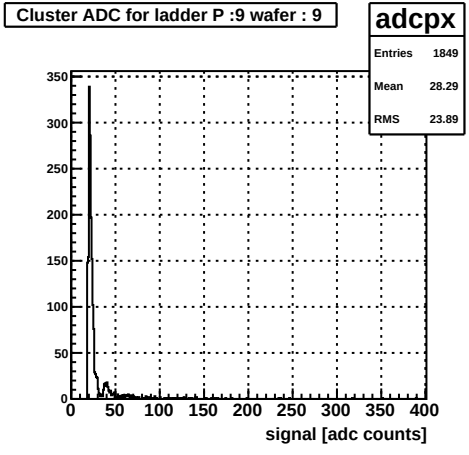

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 20972
Mean 28.64
RMS 18.48
signal [adc counts]

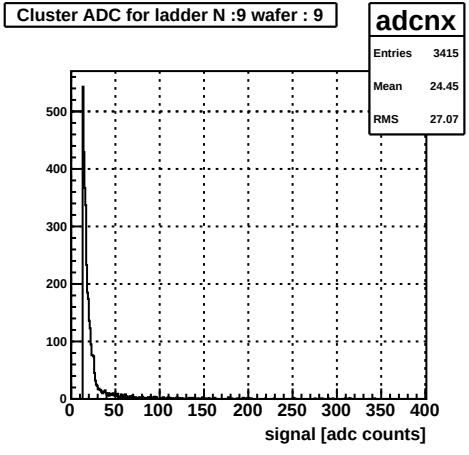

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 11862
Mean 22.63
RMS 19.65
signal [adc counts]

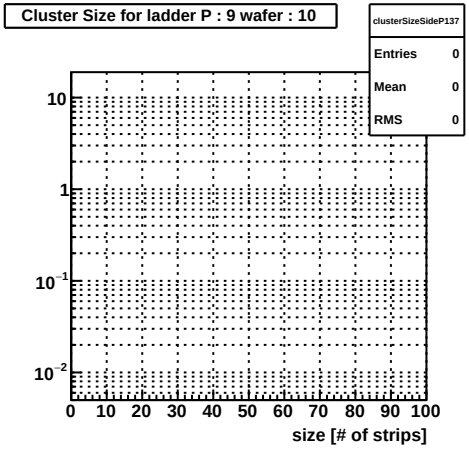

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1849
Mean 1.121
RMS 0.4276
size [# of strips]

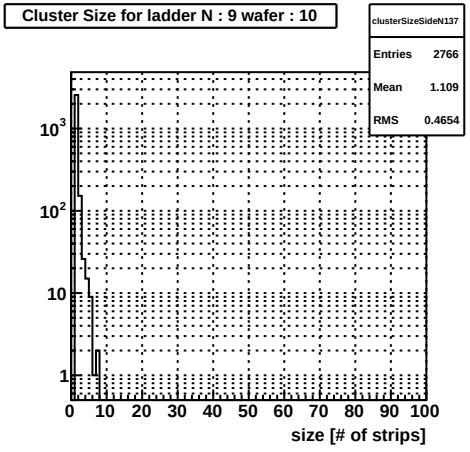

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3415
Mean 1.076
RMS 0.3734
size [# of strips]

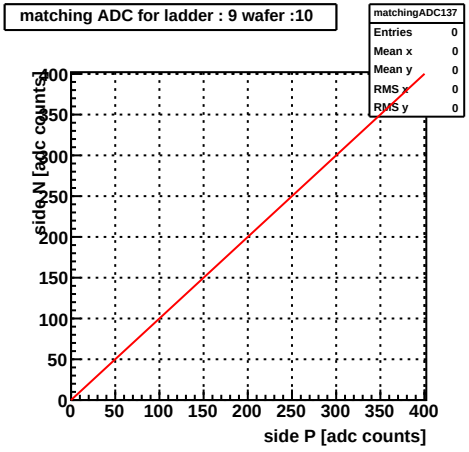

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 152
Mean x 69.15
Mean y 55.44
RMS x 46.63
RMS y 37.25
side N [adc counts]
side P [adc counts]

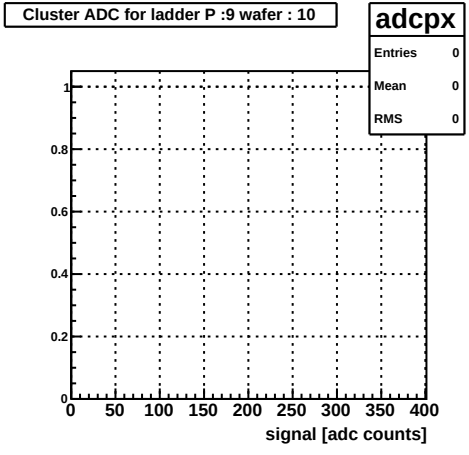

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1849
Mean 28.29
RMS 23.89
signal [adc counts]

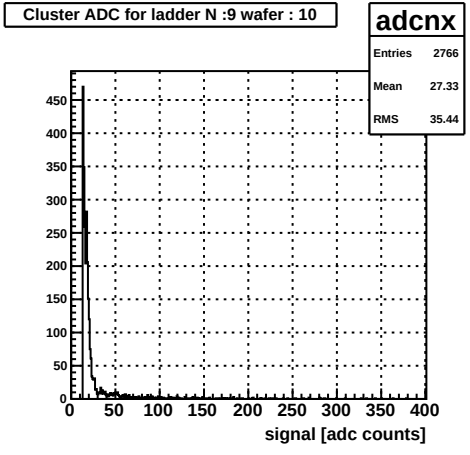

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3415
Mean 24.45
RMS 27.07
signal [adc counts]

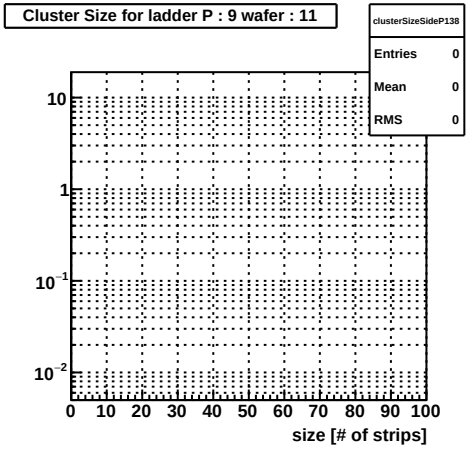

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

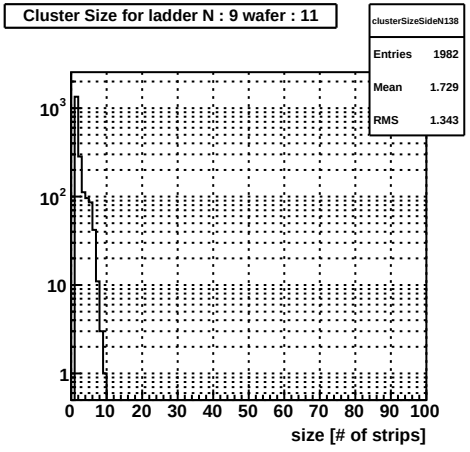

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2766
Mean 1.109
RMS 0.4654
size [# of strips]

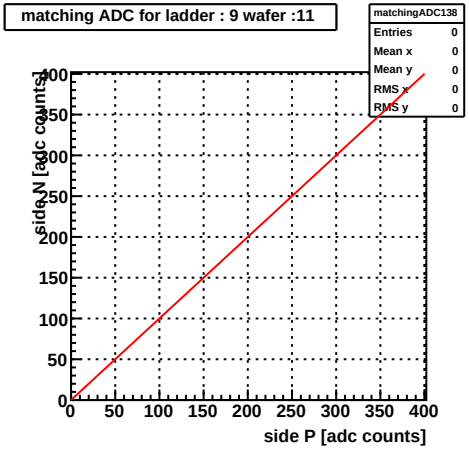

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

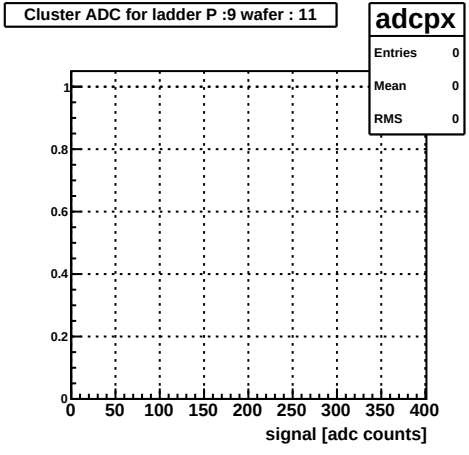

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

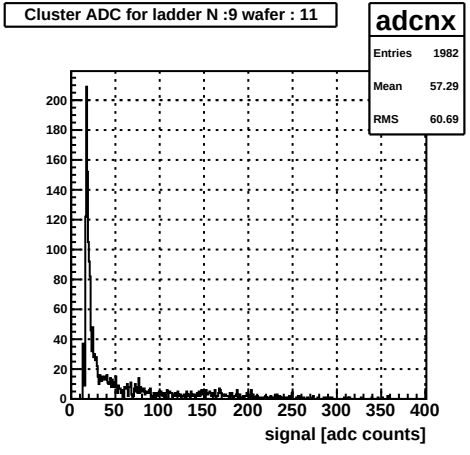

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2766
Mean 27.33
RMS 35.44
signal [adc counts]

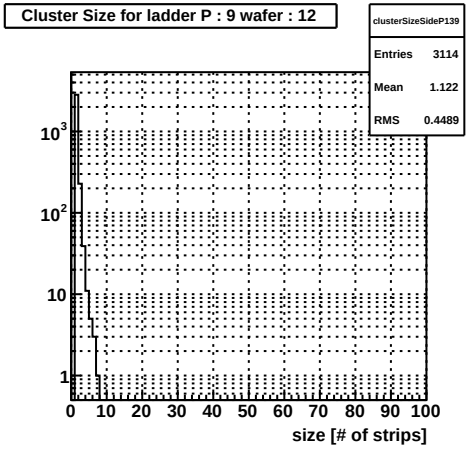

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

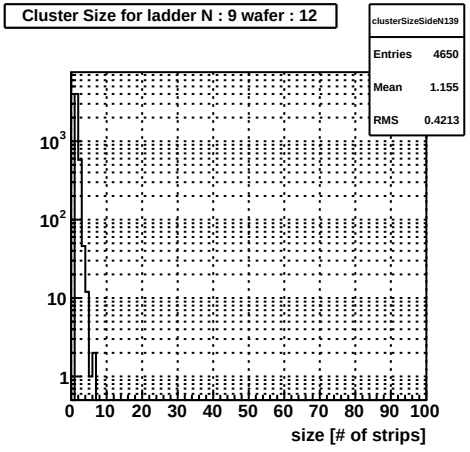

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1982
Mean 1.729
RMS 1.343
size [# of strips]

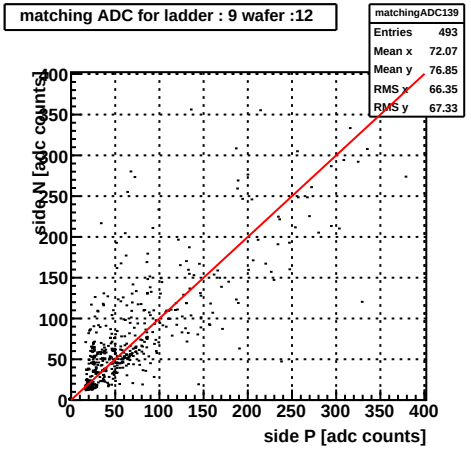

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

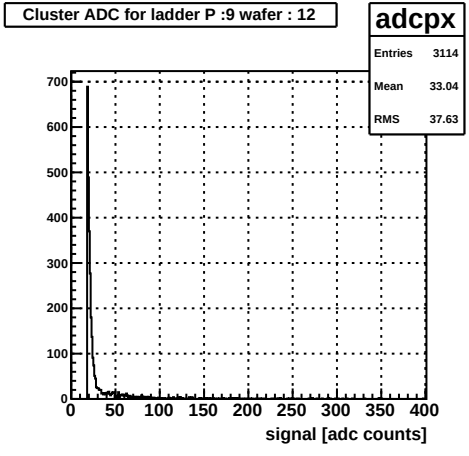

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

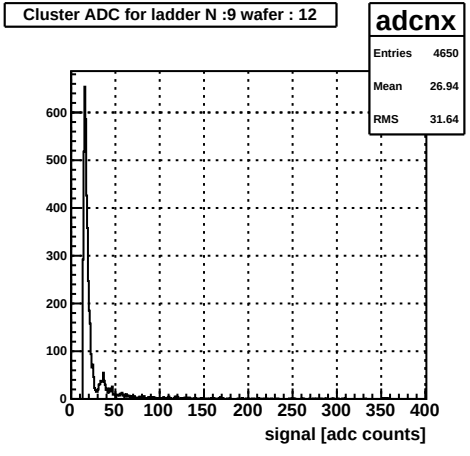

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1982
Mean 57.29
RMS 60.69
signal [adc counts]

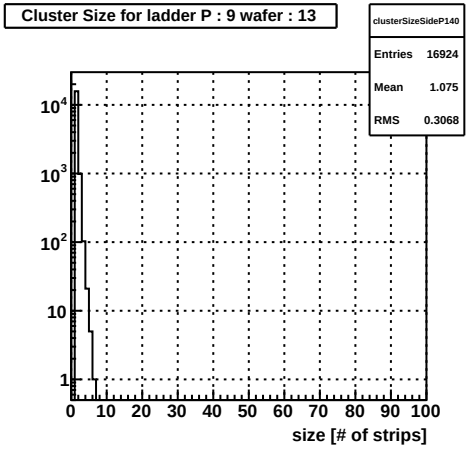

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3114
Mean 1.122
RMS 0.4489
size [# of strips]

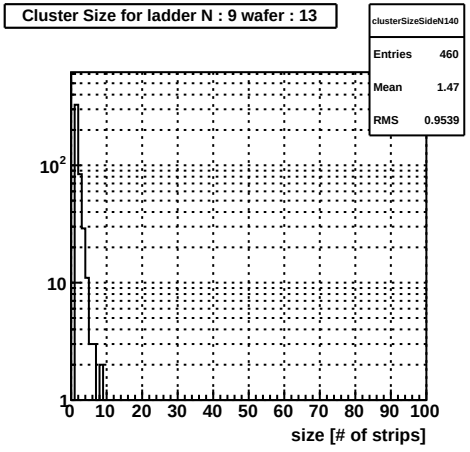

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4650
Mean 1.155
RMS 0.4213
size [# of strips]

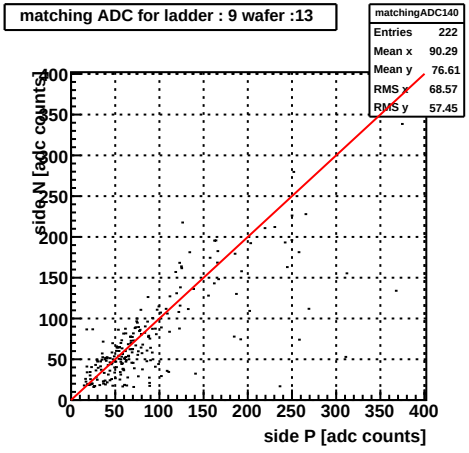

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 493
Mean x 72.07
Mean y 76.85
RMS x 66.35
RMS y 67.33
side N [adc counts]
side P [adc counts]

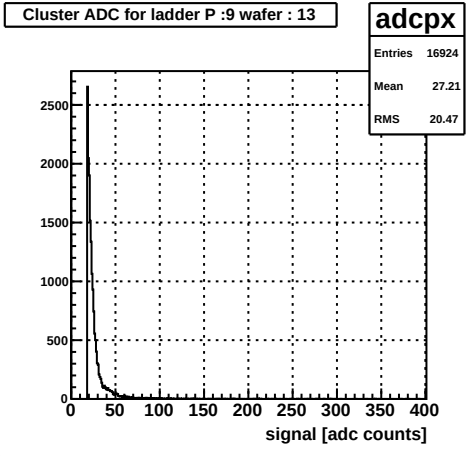

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3114
Mean 33.04
RMS 37.63
signal [adc counts]

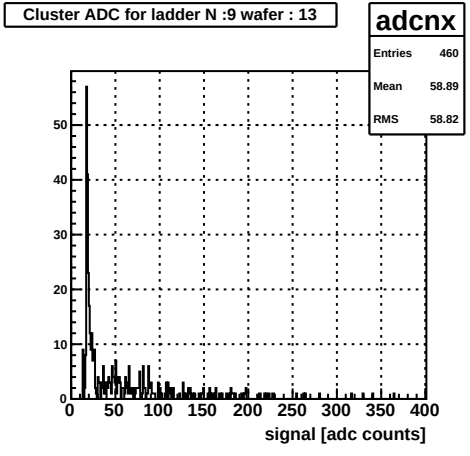

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4650
Mean 26.94
RMS 31.64
signal [adc counts]

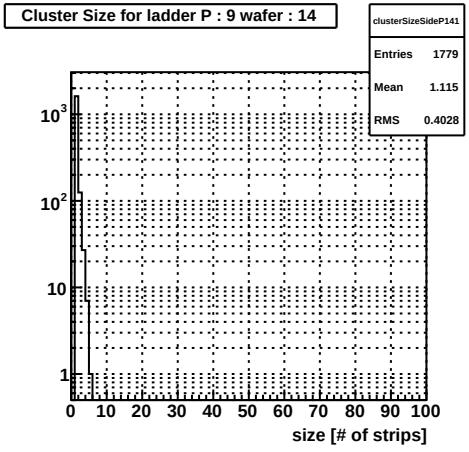

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16924
Mean 1.075
RMS 0.3068
size [# of strips]

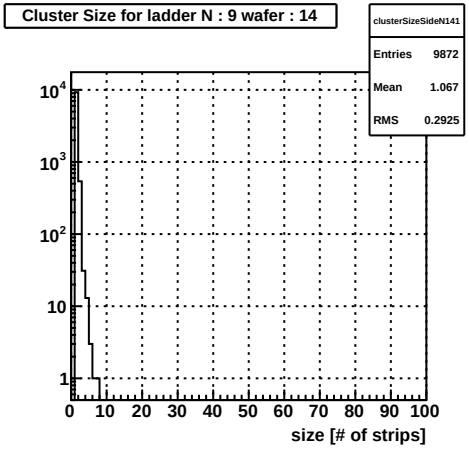

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 460
Mean 1.47
RMS 0.9539
size [# of strips]

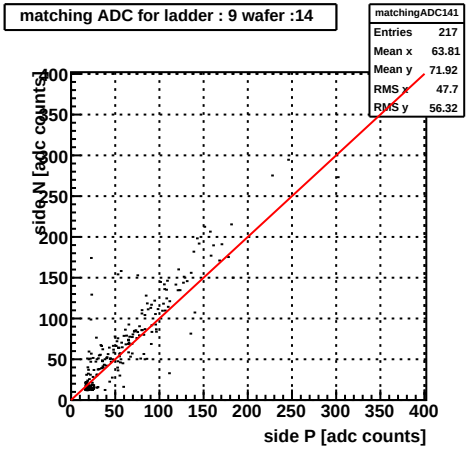

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 222
Mean x 90.29
Mean y 76.61
RMS x 68.57
RMS y 57.45
side N [adc counts]
side P [adc counts]

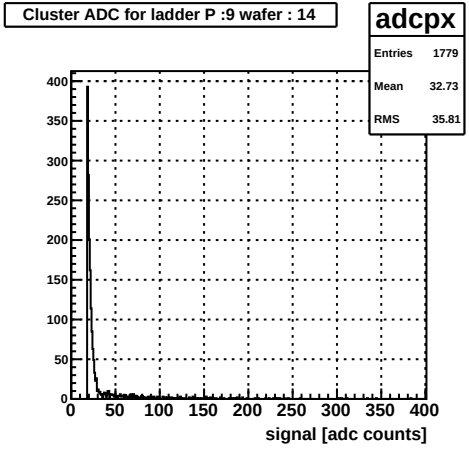

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16924
Mean 27.21
RMS 20.47
signal [adc counts]

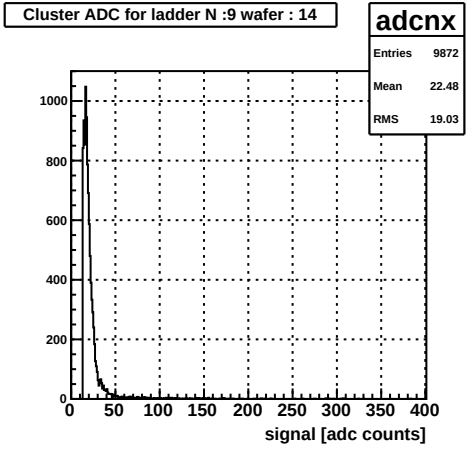

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 460
Mean 58.89
RMS 58.82
signal [adc counts]

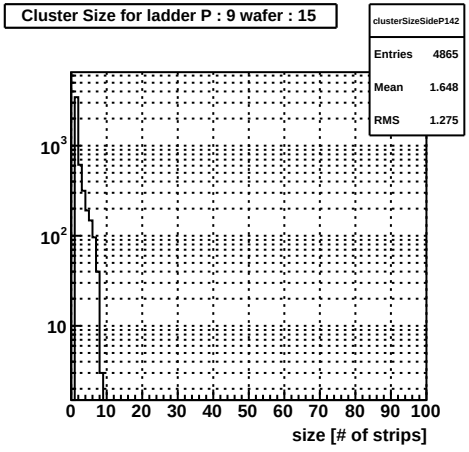

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1779
Mean 1.115
RMS 0.4028
size [# of strips]

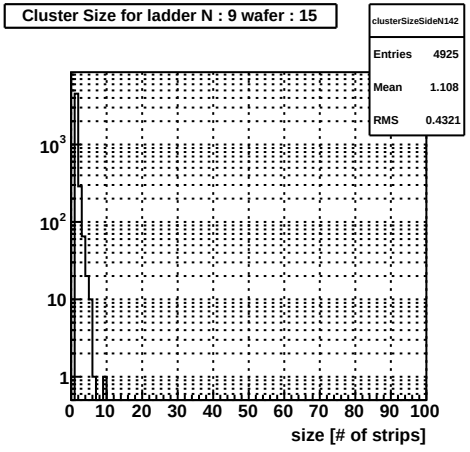

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 9872
Mean 1.067
RMS 0.2925
size [# of strips]

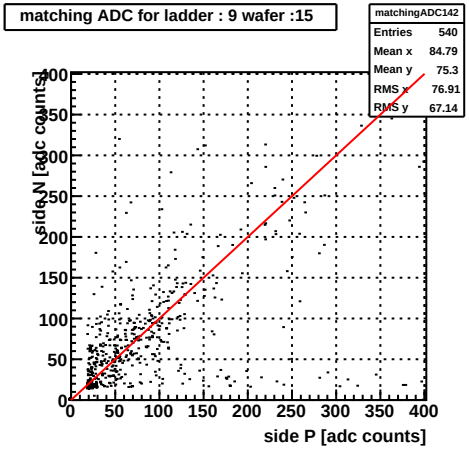

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 217
Mean x 63.81
Mean y 71.92
RMS x 47.7
RMS y 56.32
side N [adc counts]
side P [adc counts]

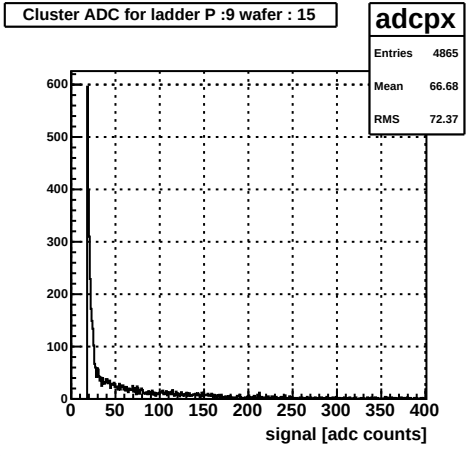

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1779
Mean 32.73
RMS 35.81
signal [adc counts]

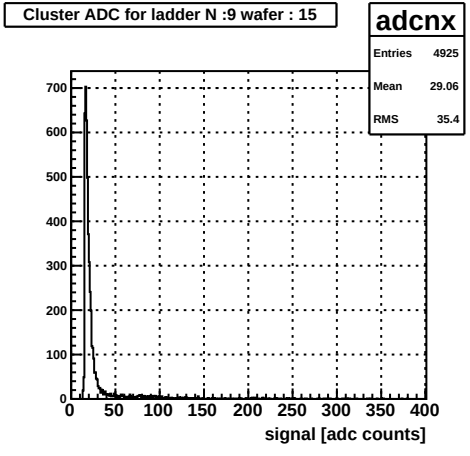

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 9872
Mean 22.48
RMS 19.03
signal [adc counts]

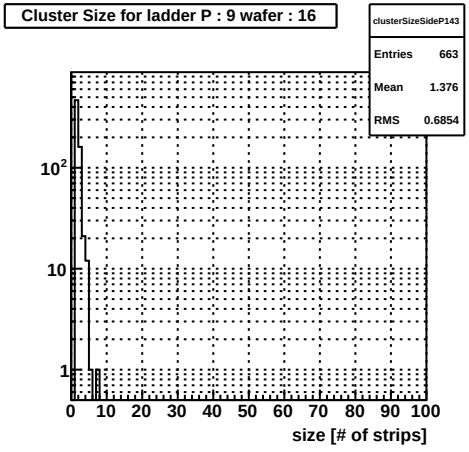

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4865
Mean 1.648
RMS 1.275
size [# of strips]

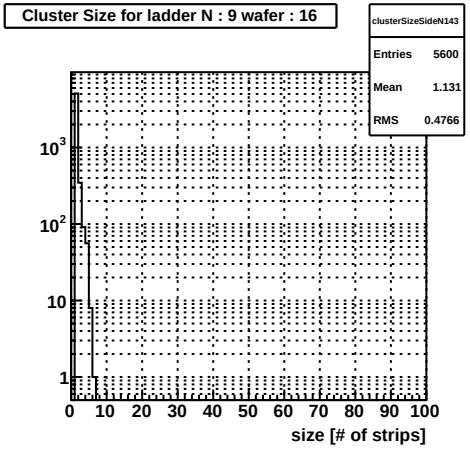

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4925
Mean 1.108
RMS 0.4321
size [# of strips]

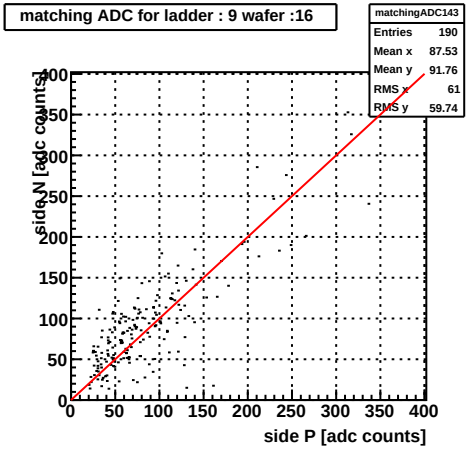

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 540
Mean x 84.79
Mean y 75.3
RMS x 76.91
RMS y 67.14
side N [adc counts]
side P [adc counts]

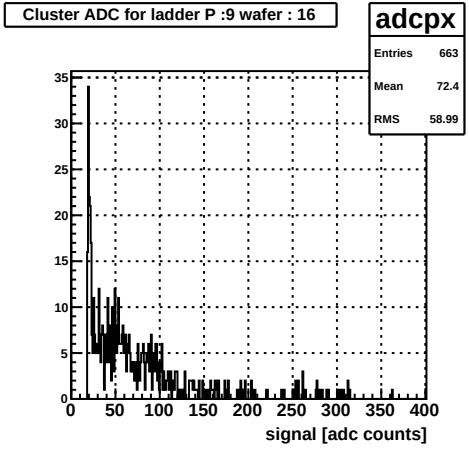

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4865
Mean 66.68
RMS 72.37
signal [adc counts]

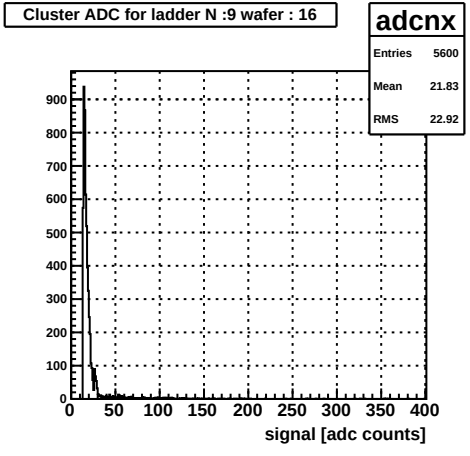

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4925
Mean 29.06
RMS 35.4
signal [adc counts]

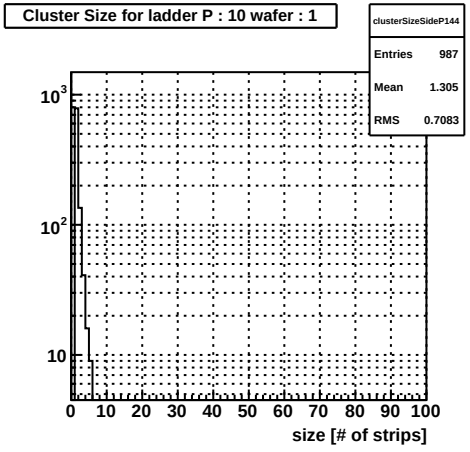

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 663
Mean 1.376
RMS 0.6854
size [# of strips]

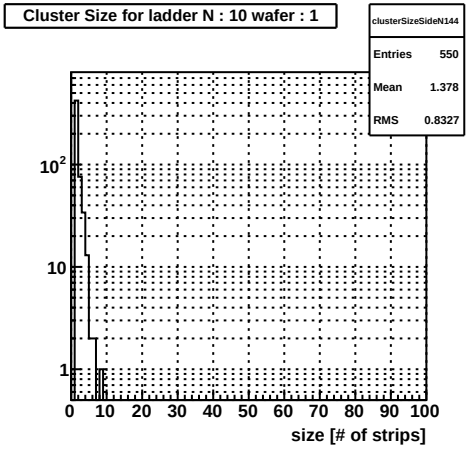

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 5600
Mean 1.131
RMS 0.4766
size [# of strips]

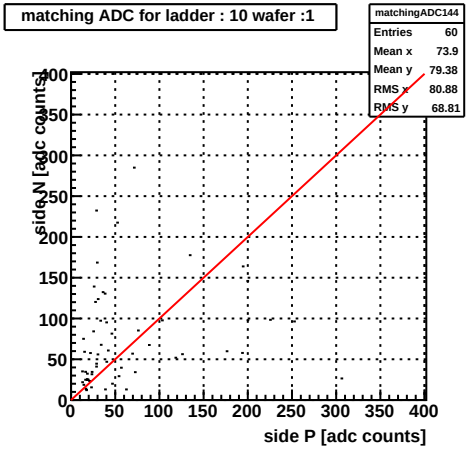

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 190
Mean x 87.53
Mean y 91.76
RMS x 61
RMS y 59.74
side N [adc counts]
side P [adc counts]

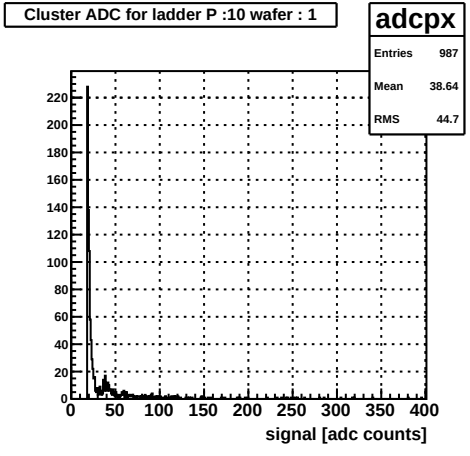

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 663
Mean 72.4
RMS 58.99
signal [adc counts]

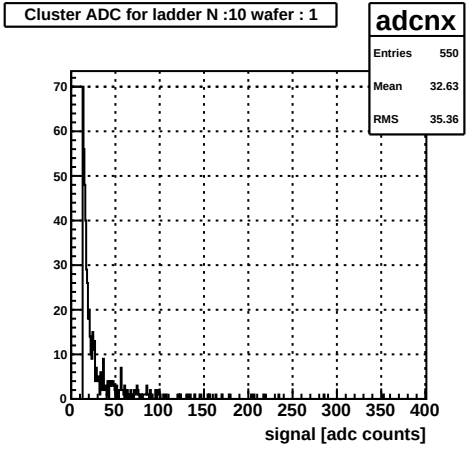

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 5600
Mean 21.83
RMS 22.92
signal [adc counts]

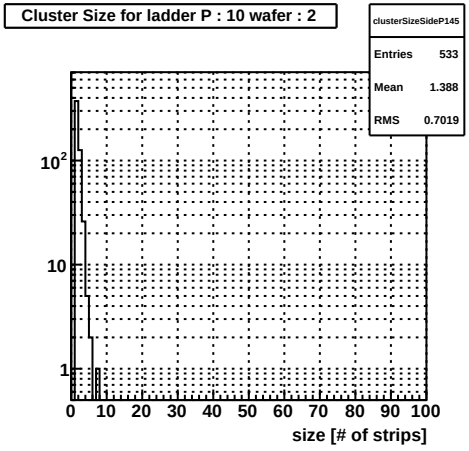

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 987
Mean 1.305
RMS 0.7083
size [# of strips]

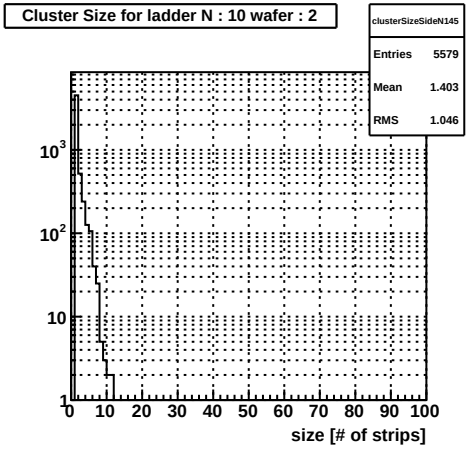

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 550
Mean 1.378
RMS 0.8327
size [# of strips]

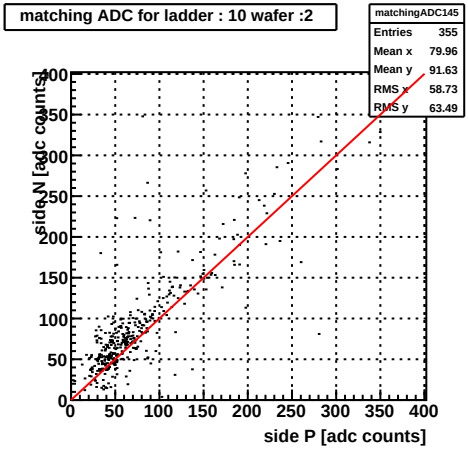

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 60
Mean x 73.9
Mean y 79.38
RMS x 80.88
RMS y 68.81
side N [adc counts]
side P [adc counts]

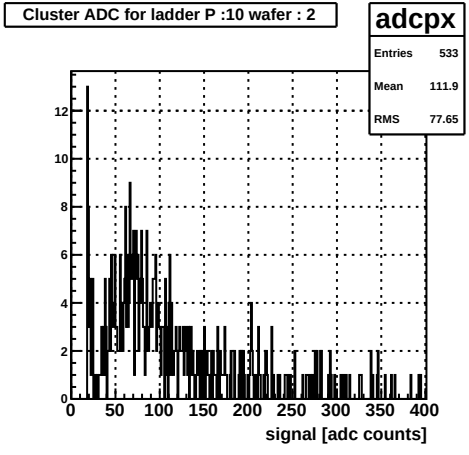

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 987
Mean 38.64
RMS 44.7
signal [adc counts]

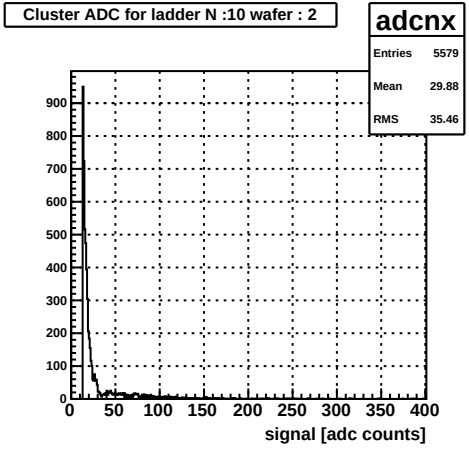

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 550
Mean 32.63
RMS 35.36
signal [adc counts]

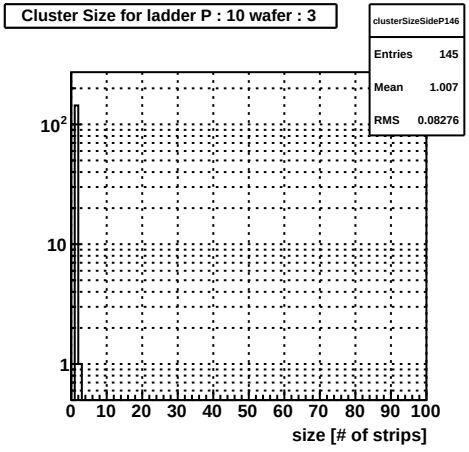

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 533
Mean 1.388
RMS 0.7019
size [# of strips]

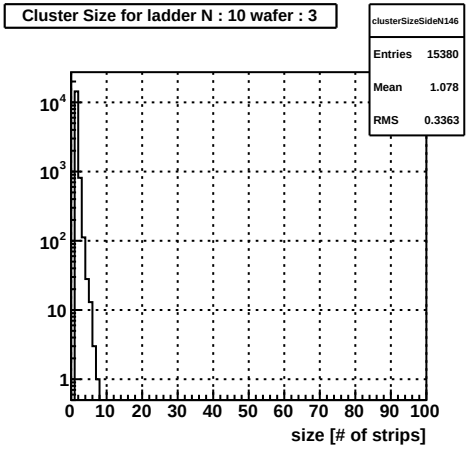

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5579
Mean 1.403
RMS 1.046
size [# of strips]

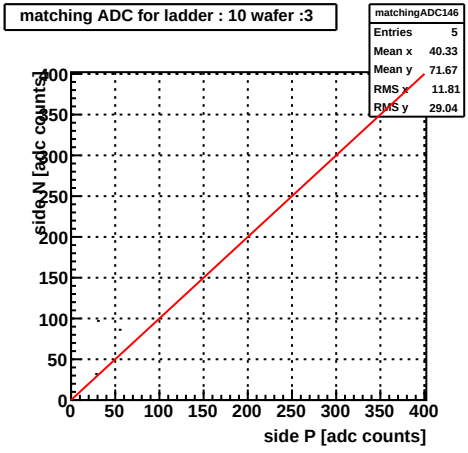

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 355
Mean x 79.96
Mean y 91.63
RMS x 58.73
RMS y 63.49
side N [adc counts]
side P [adc counts]

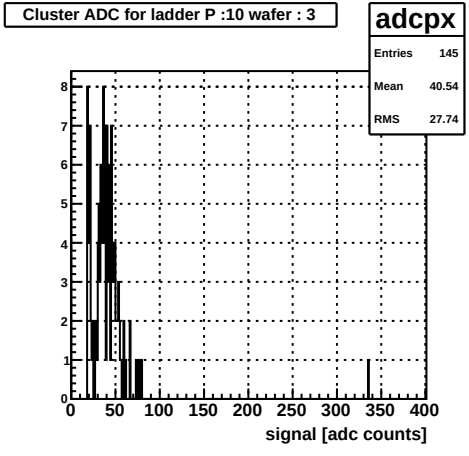

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 533
Mean 111.9
RMS 77.65
signal [adc counts]

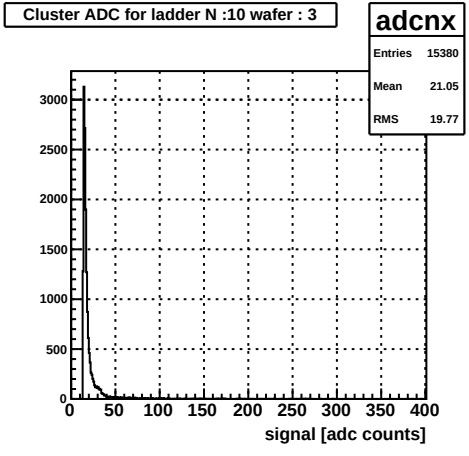

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5579
Mean 29.88
RMS 35.46
signal [adc counts]

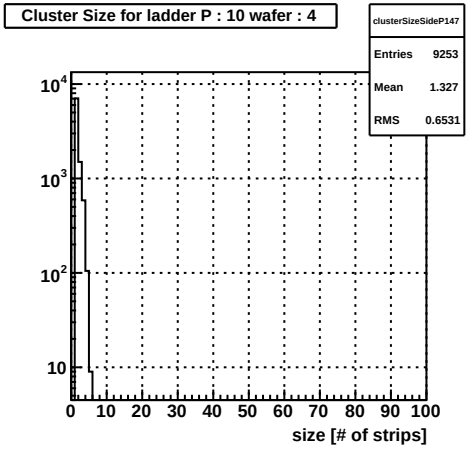

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 145
Mean 1.007
RMS 0.08276
size [# of strips]

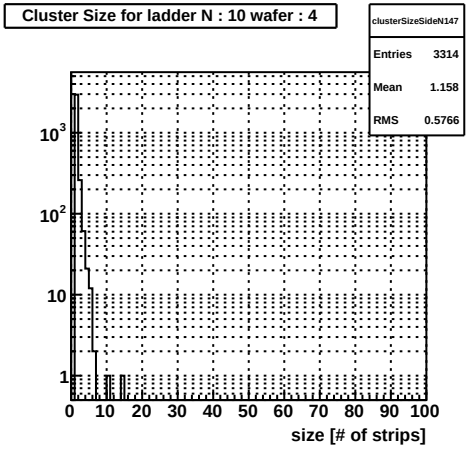

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15380
Mean 1.078
RMS 0.3363
size [# of strips]

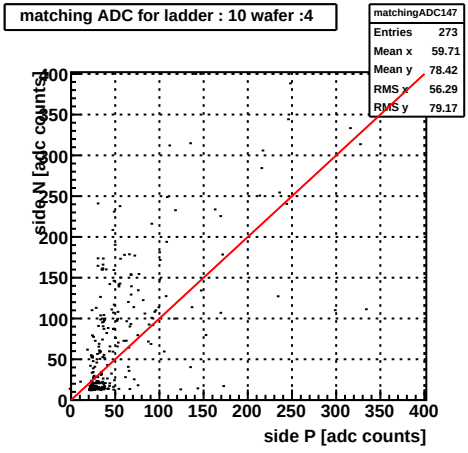

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 5
Mean x 40.33
Mean y 71.67
RMS x 11.81
RMS y 29.04
side N [adc counts]
side P [adc counts]

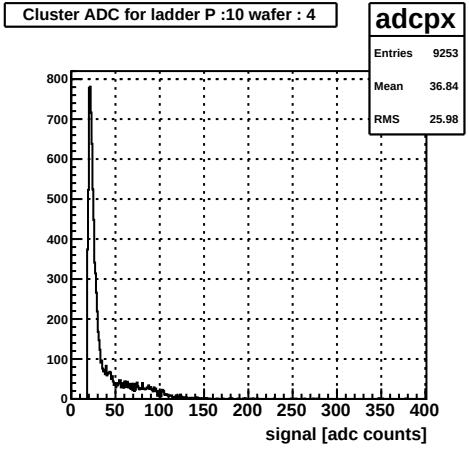

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 145
Mean 40.54
RMS 27.74
signal [adc counts]

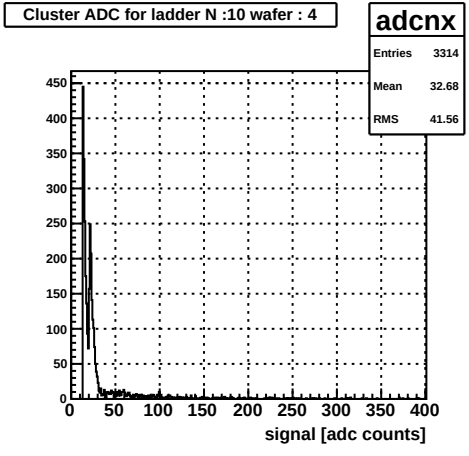

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15380
Mean 21.05
RMS 19.77
signal [adc counts]

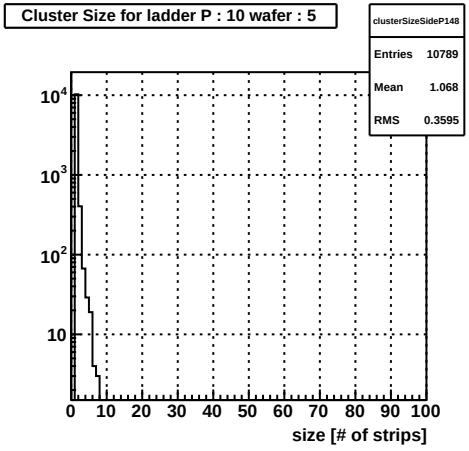

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 9253
Mean 1.327
RMS 0.6531
size [# of strips]

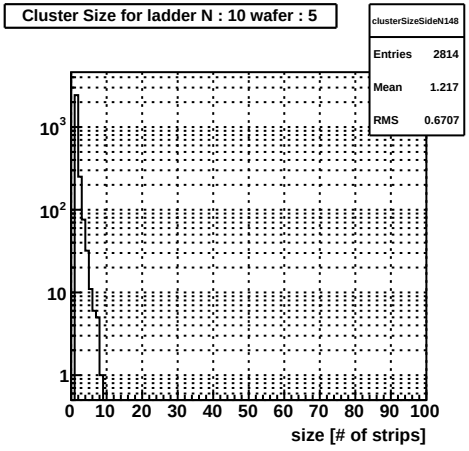

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3314
Mean 1.158
RMS 0.5766
size [# of strips]

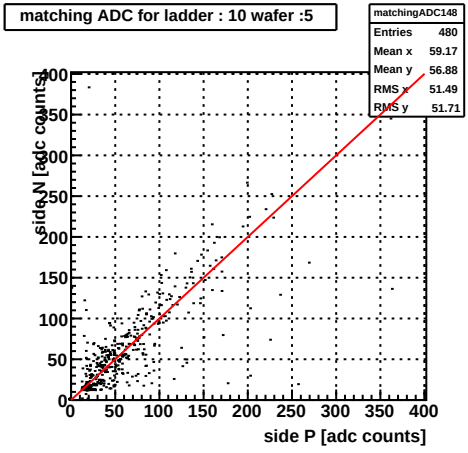

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 273
Mean x 59.71
Mean y 78.42
RMS x 56.29
RMS y 79.17
side N [adc counts]
side P [adc counts]

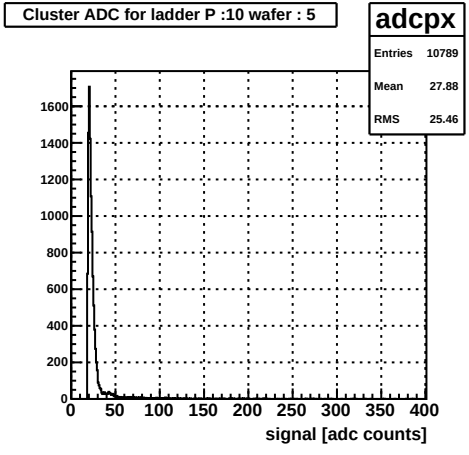

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 9253
Mean 36.84
RMS 25.98
signal [adc counts]

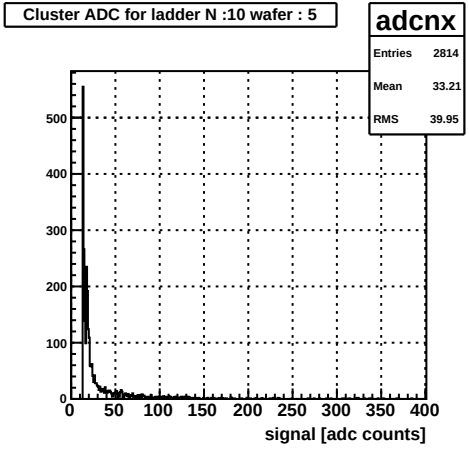

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3314
Mean 32.68
RMS 41.56
signal [adc counts]

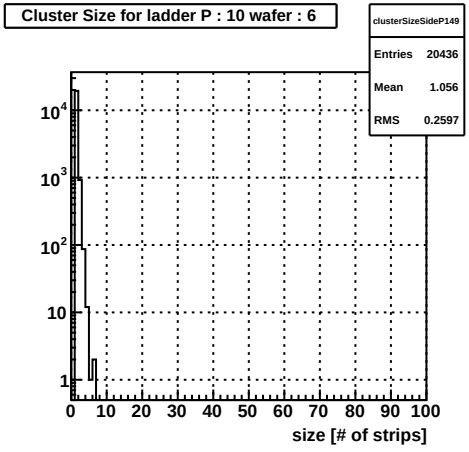

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 10789
Mean 1.068
RMS 0.3595
size [# of strips]

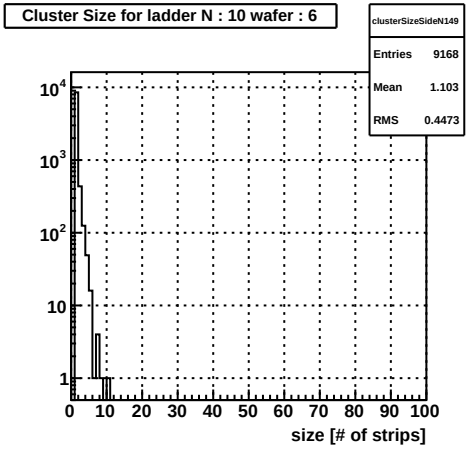

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2814
Mean 1.217
RMS 0.6707
size [# of strips]

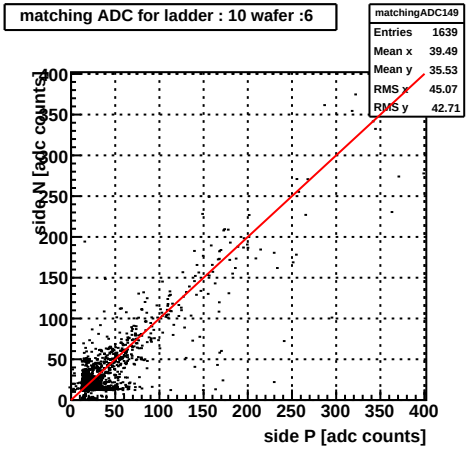

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 480
Mean x 59.17
Mean y 56.88
RMS x 51.49
RMS y 51.71
side N [adc counts]
side P [adc counts]

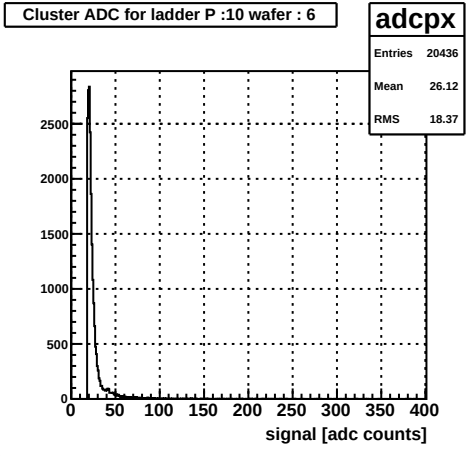

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 10789
Mean 27.88
RMS 25.46
signal [adc counts]

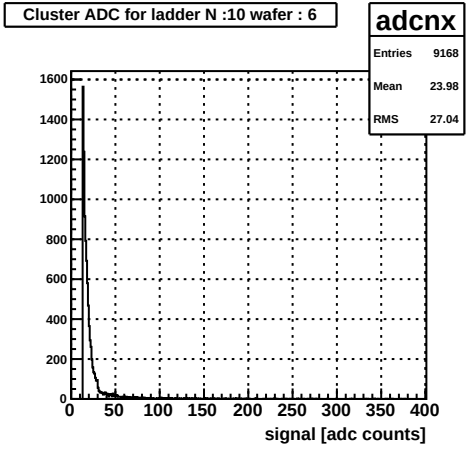

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2814
Mean 33.21
RMS 39.95
signal [adc counts]

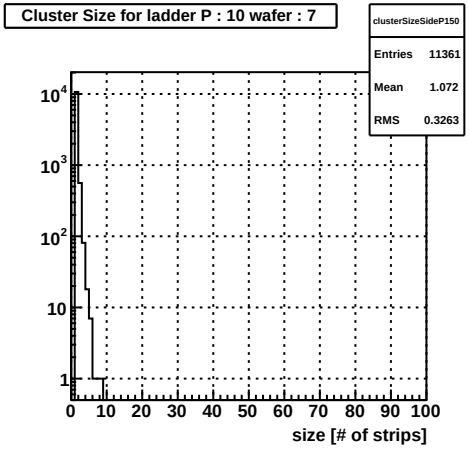

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 20436
Mean 1.056
RMS 0.2597
size [# of strips]

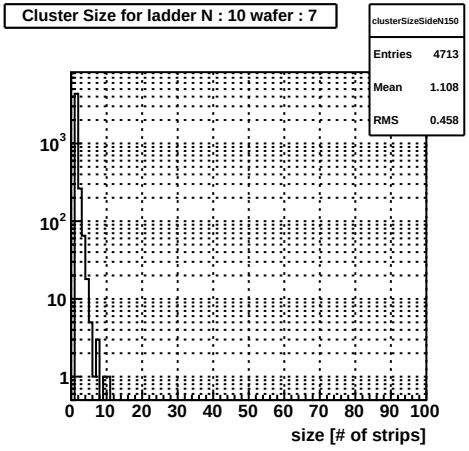

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 9168
Mean 1.103
RMS 0.4473
size [# of strips]

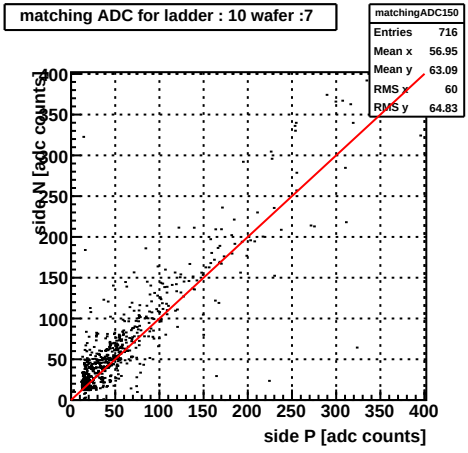

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1639
Mean x 39.49
Mean y 35.53
RMS x 45.07
RMS y 42.71
side N [adc counts]
side P [adc counts]

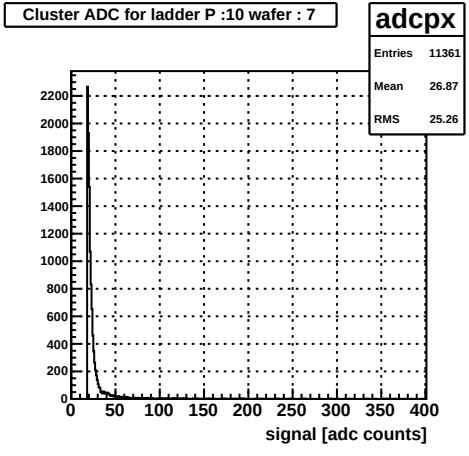

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 20436
Mean 26.12
RMS 18.37
signal [adc counts]

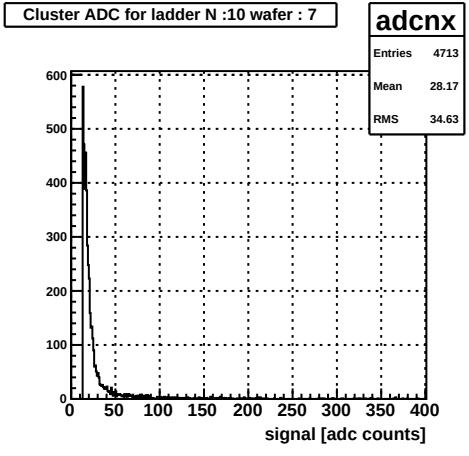

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 9168
Mean 23.98
RMS 27.04
signal [adc counts]

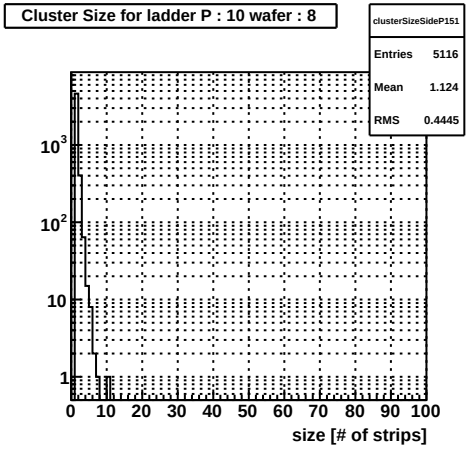

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11361
Mean 1.072
RMS 0.3263
size [# of strips]

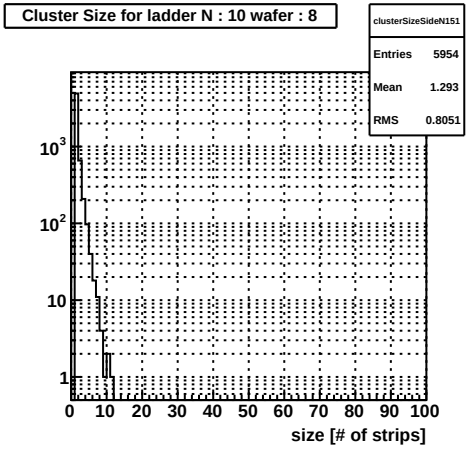

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4713
Mean 1.108
RMS 0.458
size [# of strips]

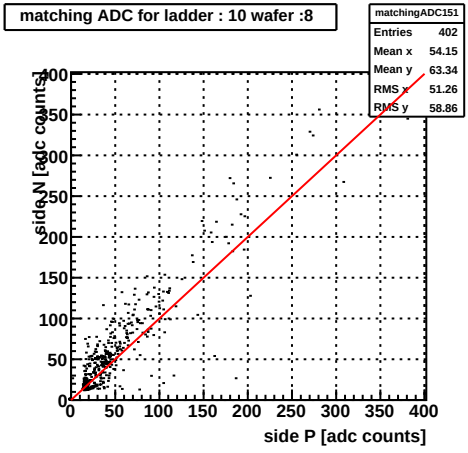

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 716
Mean x 56.95
Mean y 63.09
RMS x 60
RMS y 64.83
side N [adc counts]
side P [adc counts]

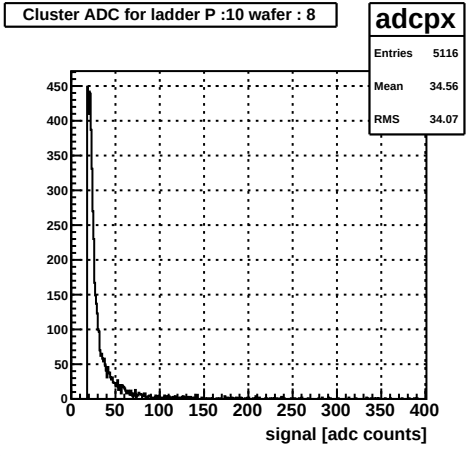

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11361
Mean 26.87
RMS 25.26
signal [adc counts]

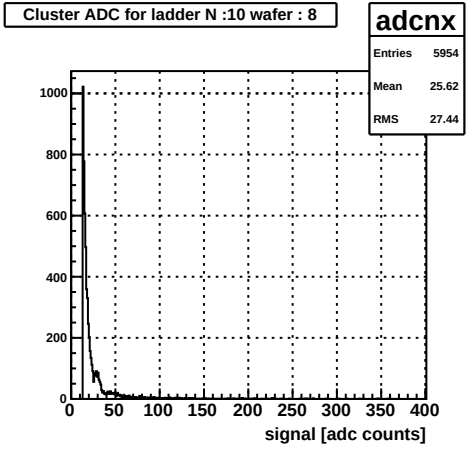

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4713
Mean 28.17
RMS 34.63
signal [adc counts]

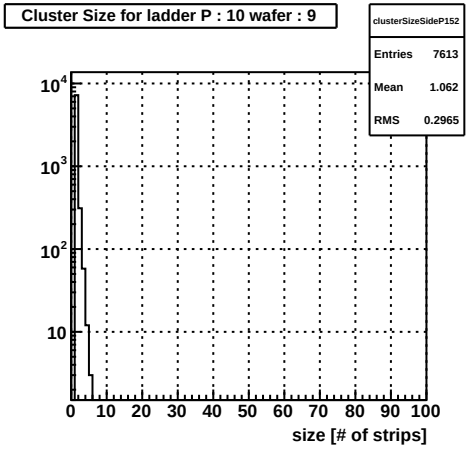

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 5116
Mean 1.124
RMS 0.4445
size [# of strips]

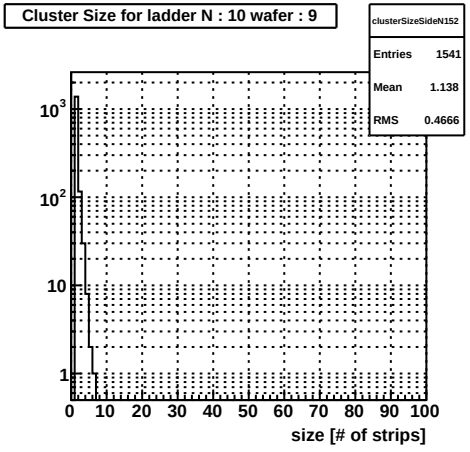

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5954
Mean 1.293
RMS 0.8051
size [# of strips]

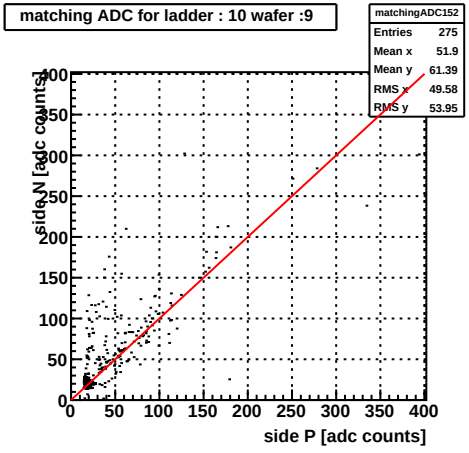

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 402
Mean x 54.15
Mean y 63.34
RMS x 51.26
RMS y 58.86
side N [adc counts]
side P [adc counts]

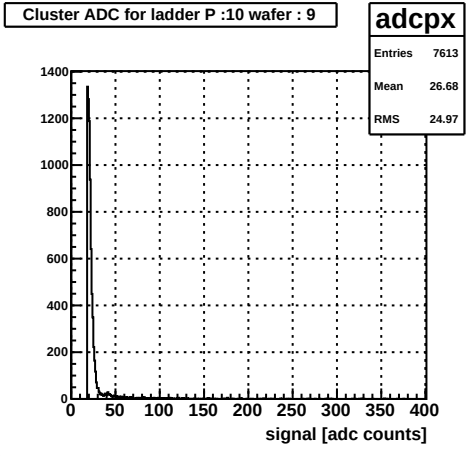

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 5116
Mean 34.56
RMS 34.07
signal [adc counts]

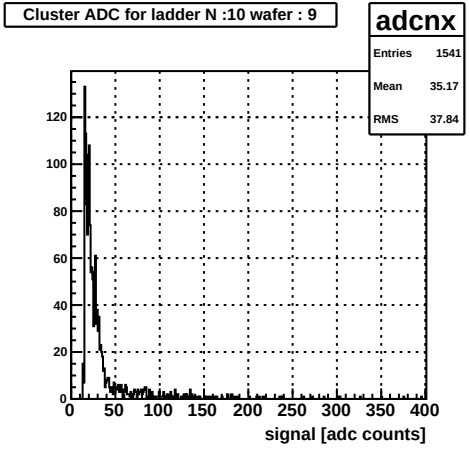

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5954
Mean 25.62
RMS 27.44
signal [adc counts]

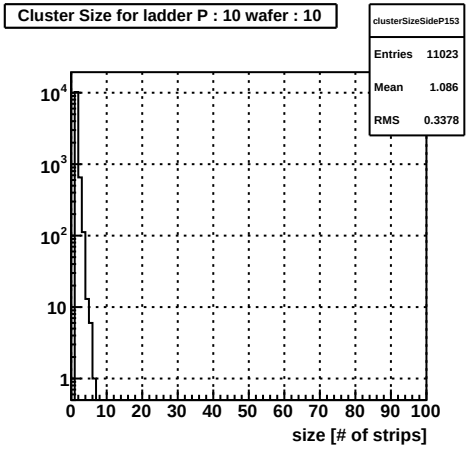

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 7613
Mean 1.062
RMS 0.2965
size [# of strips]

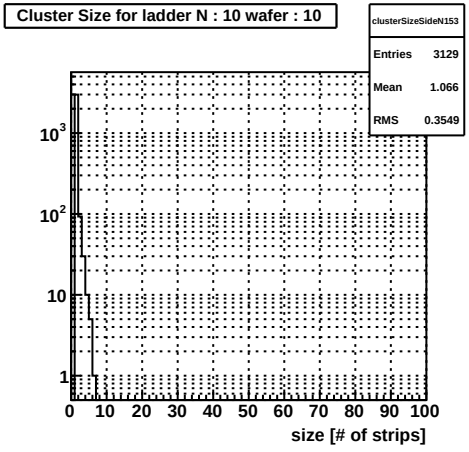

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1541
Mean 1.138
RMS 0.4666
size [# of strips]

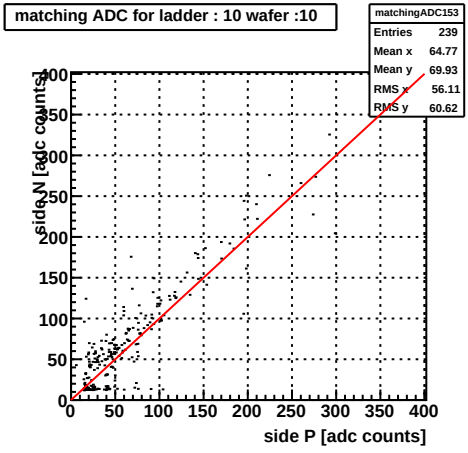

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 275
Mean x 51.9
Mean y 61.39
RMS x 49.58
RMS y 53.95
side N [adc counts]
side P [adc counts]

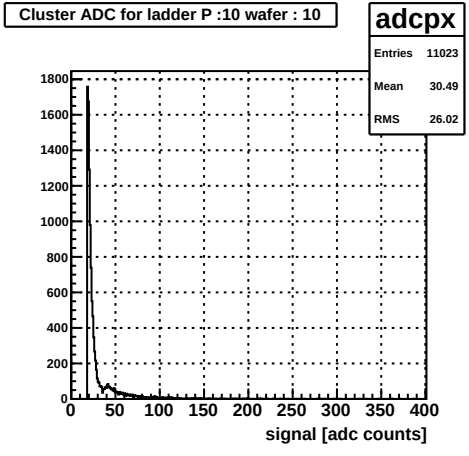

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 7613
Mean 26.68
RMS 24.97
signal [adc counts]

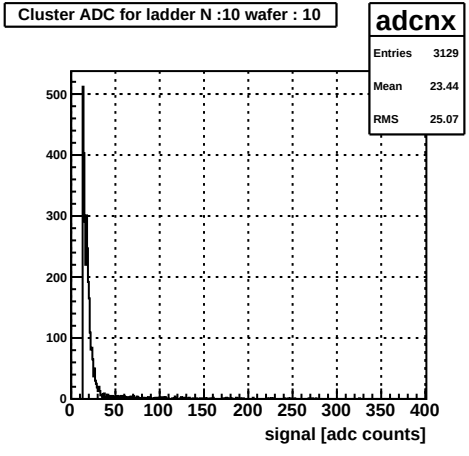

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1541
Mean 35.17
RMS 37.84
signal [adc counts]

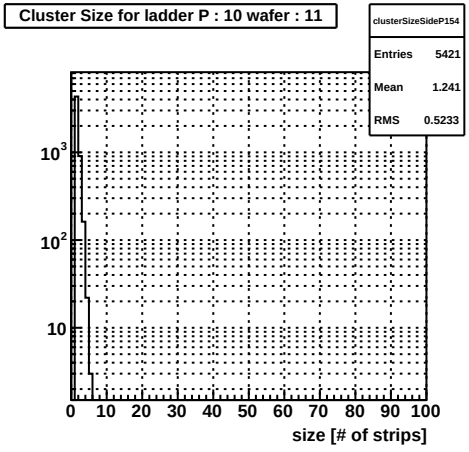

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11023
Mean 1.086
RMS 0.3378
size [# of strips]

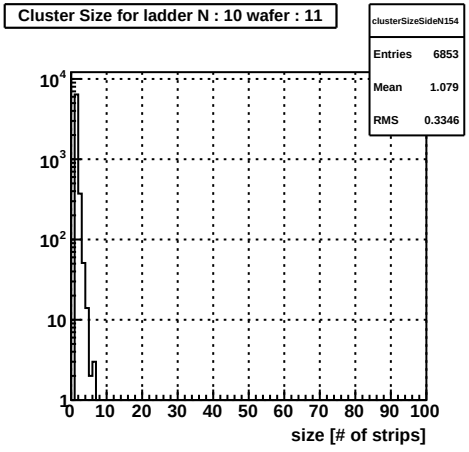

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3129
Mean 1.066
RMS 0.3549
size [# of strips]

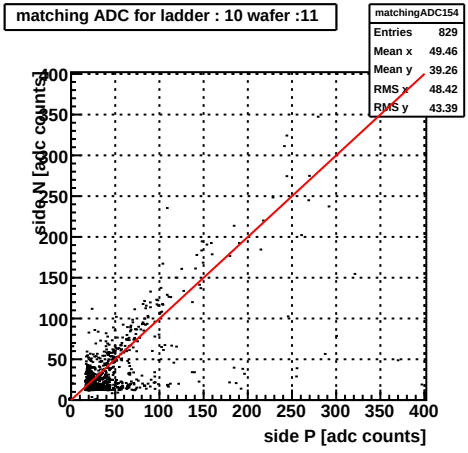

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 239
Mean x 64.77
Mean y 69.93
RMS x 56.11
RMS y 60.62
side N [adc counts]
side P [adc counts]

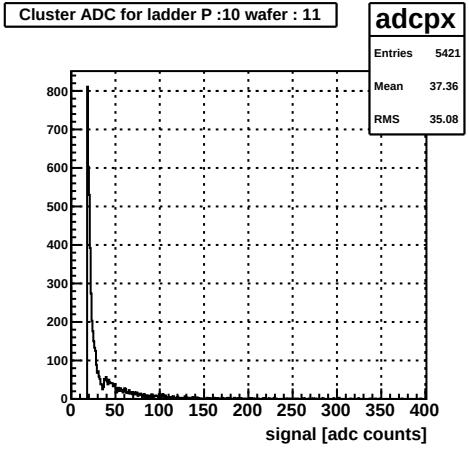

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11023
Mean 30.49
RMS 26.02
signal [adc counts]

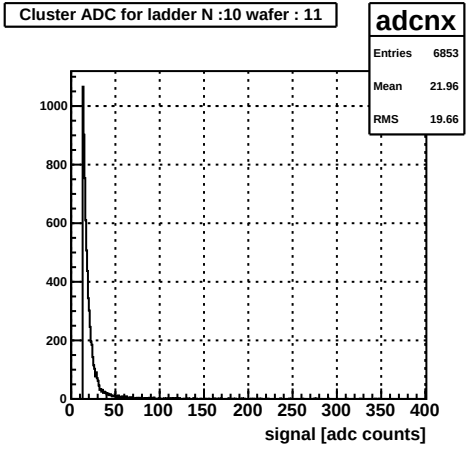

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3129
Mean 23.44
RMS 25.07
signal [adc counts]

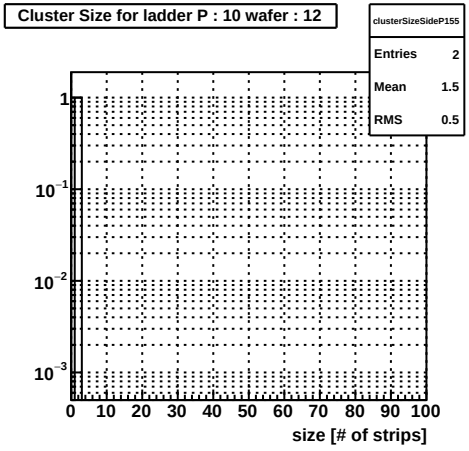

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5421
Mean 1.241
RMS 0.5233
size [# of strips]

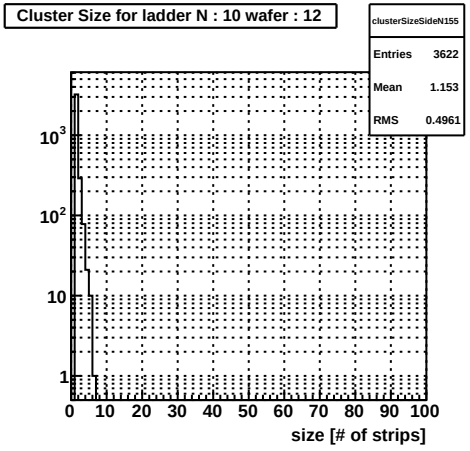

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6853
Mean 1.079
RMS 0.3346
size [# of strips]

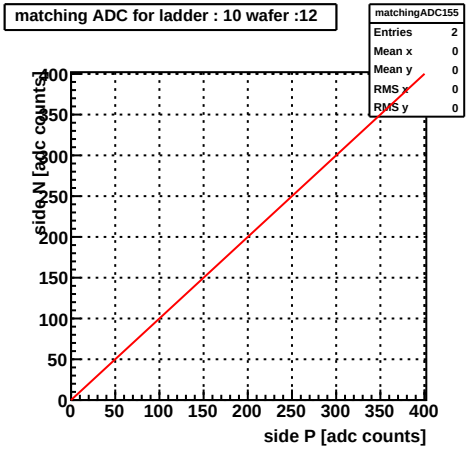

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 829
Mean x 49.46
Mean y 39.26
RMS x 48.42
RMS y 43.39
side N [adc counts]
side P [adc counts]

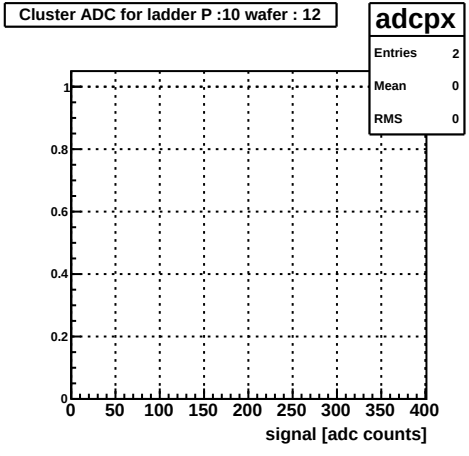

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5421
Mean 37.36
RMS 35.08
signal [adc counts]

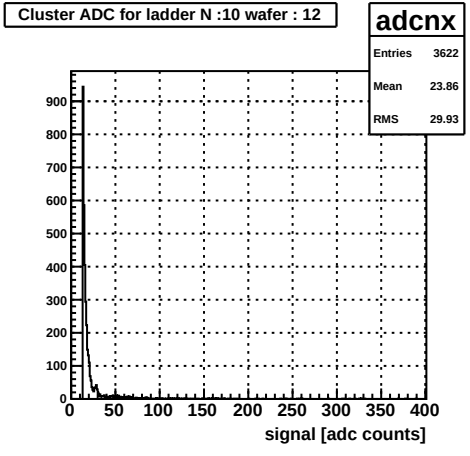

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6853
Mean 21.96
RMS 19.66
signal [adc counts]

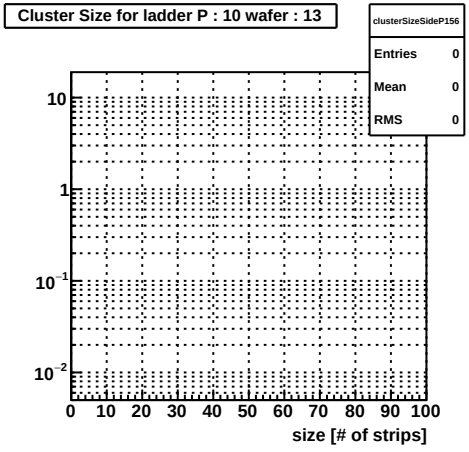

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

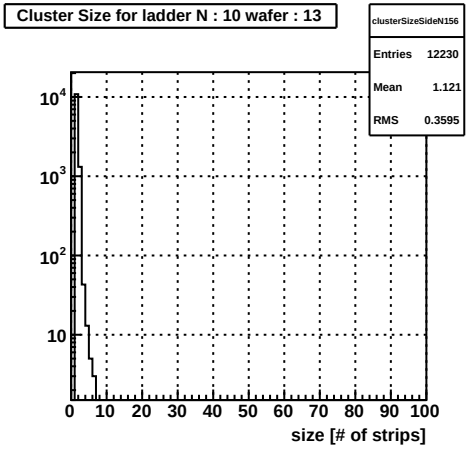

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3622
Mean 1.153
RMS 0.4961
size [# of strips]

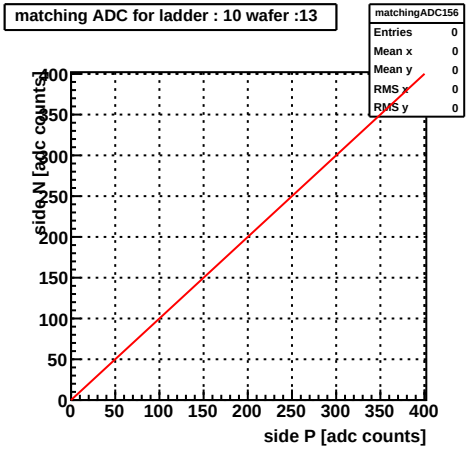

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

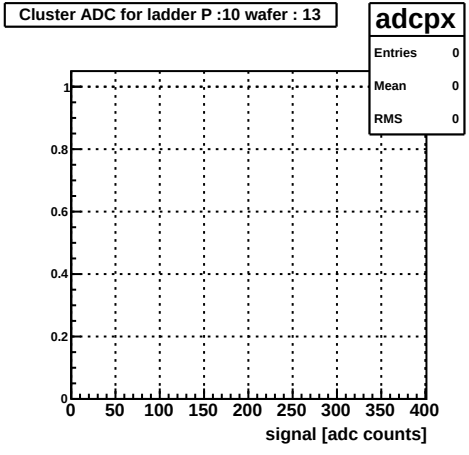

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

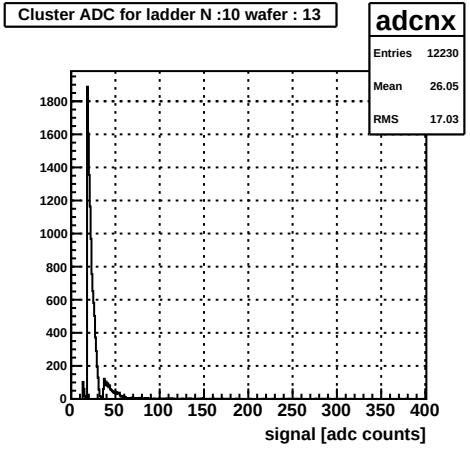

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3622
Mean 23.86
RMS 29.93
signal [adc counts]

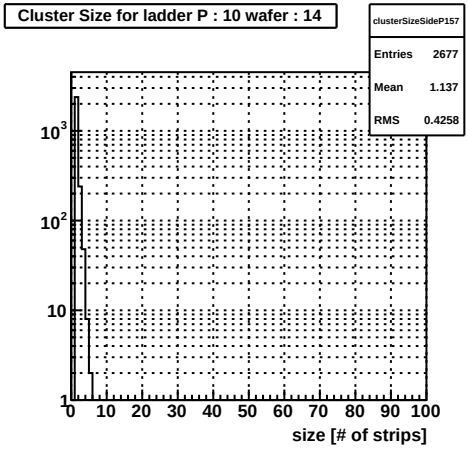

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

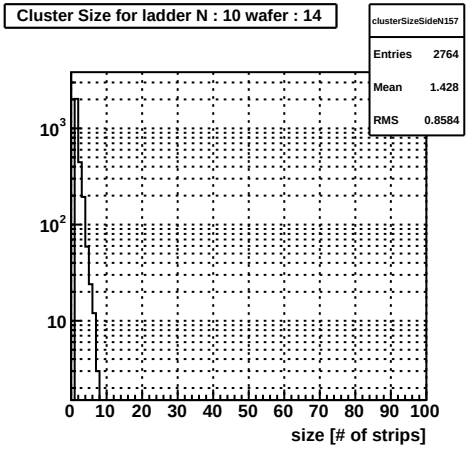

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 12230
Mean 1.121
RMS 0.3595
size [# of strips]

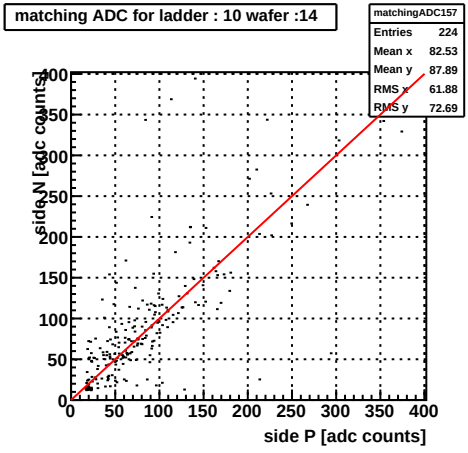

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

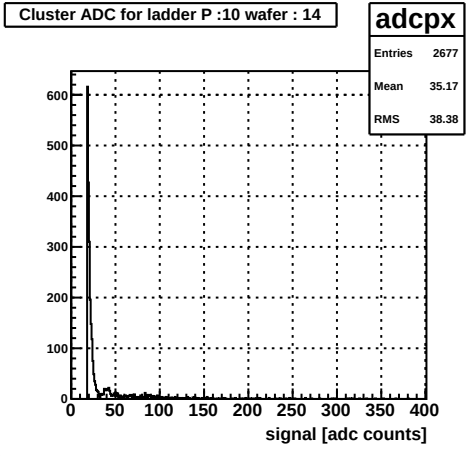

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

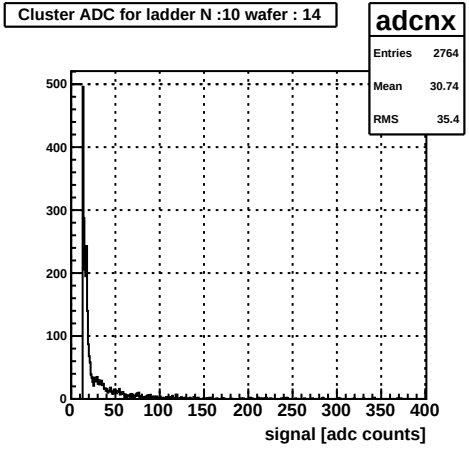

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 12230
Mean 26.05
RMS 17.03
signal [adc counts]

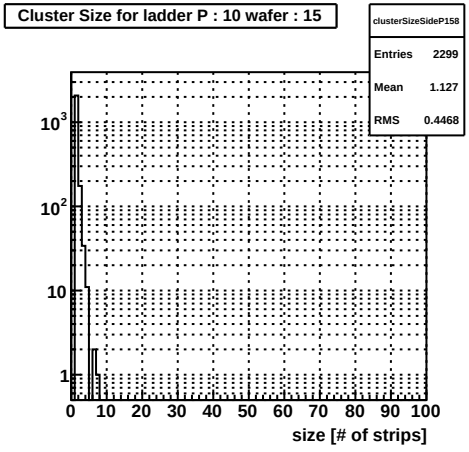

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2677
Mean 1.137
RMS 0.4258
size [# of strips]

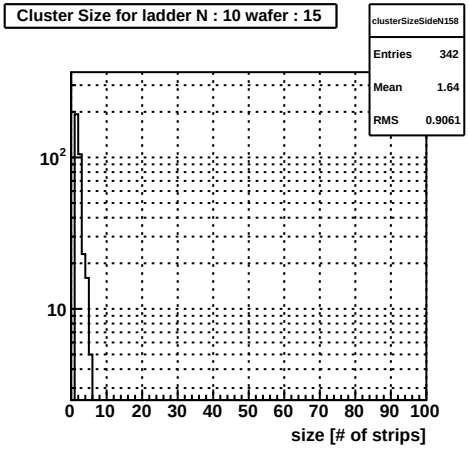

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2764
Mean 1.428
RMS 0.8584
size [# of strips]

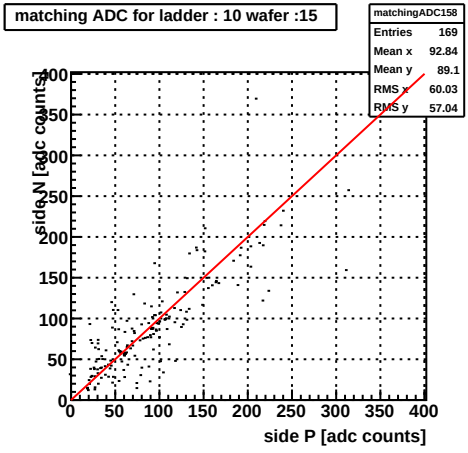

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 224
Mean x 82.53
Mean y 87.89
RMS x 61.88
RMS y 72.69
side N [adc counts]
side P [adc counts]

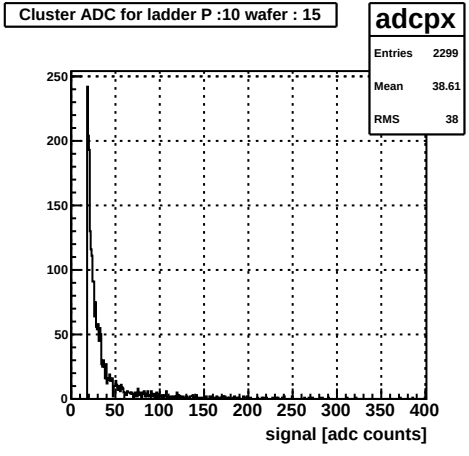

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2677
Mean 35.17
RMS 38.38
signal [adc counts]

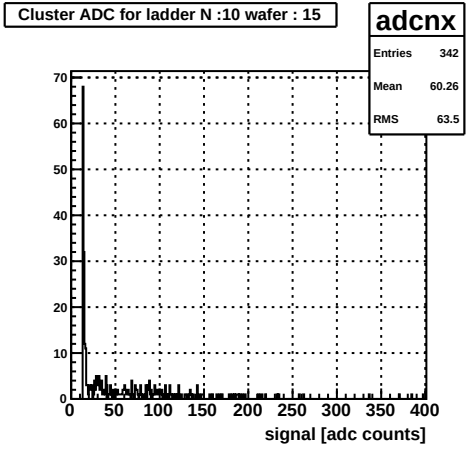

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2764
Mean 30.74
RMS 35.4
signal [adc counts]

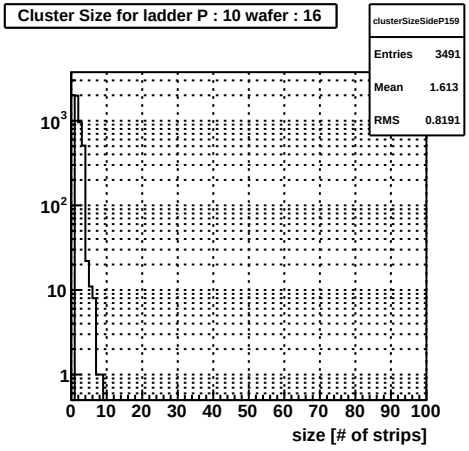

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2299
Mean 1.127
RMS 0.4468
size [# of strips]

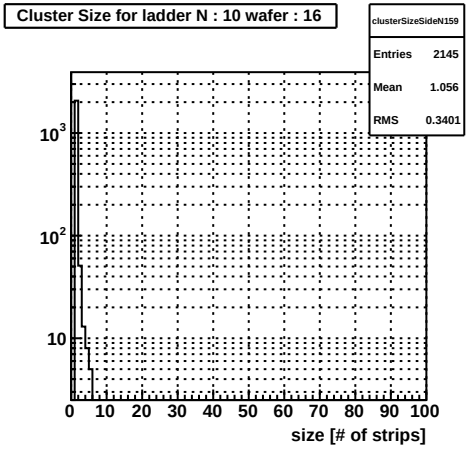

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 342
Mean 1.64
RMS 0.9061
size [# of strips]

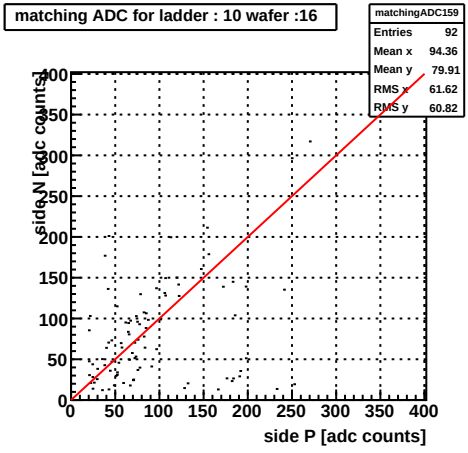

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 169
Mean x 92.84
Mean y 89.1
RMS x 60.03
RMS y 57.04
side N [adc counts]
side P [adc counts]

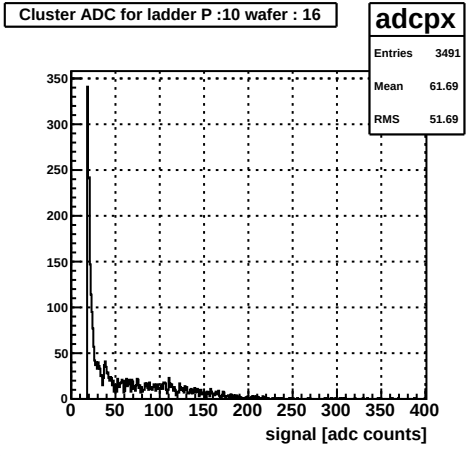

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2299
Mean 38.61
RMS 38
signal [adc counts]

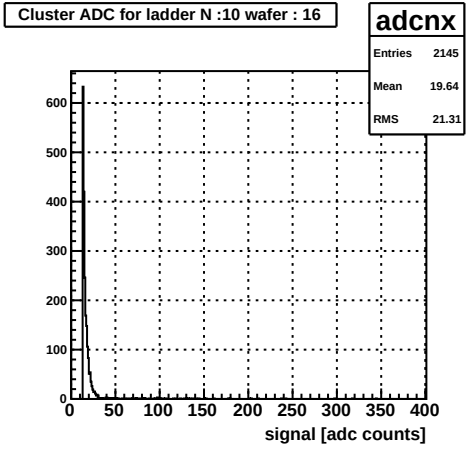

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 342
Mean 60.26
RMS 63.5
signal [adc counts]

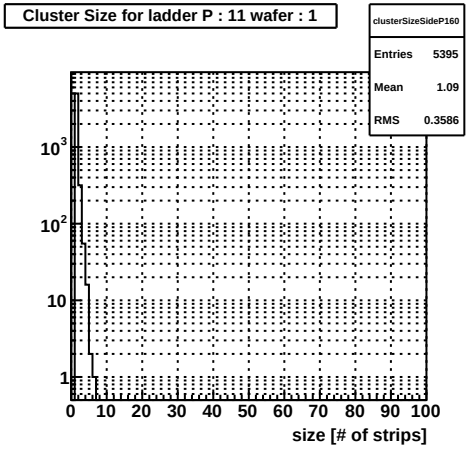

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3491
Mean 1.613
RMS 0.8191
size [# of strips]

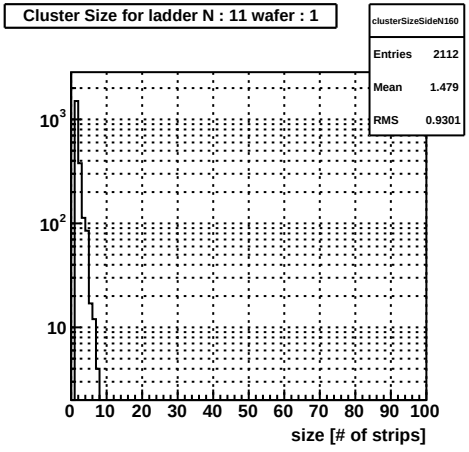

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2145
Mean 1.056
RMS 0.3401
size [# of strips]

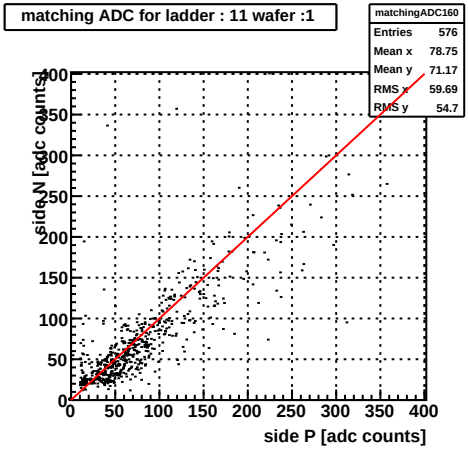

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 92
Mean x 94.36
Mean y 79.91
RMS x 61.62
RMS y 60.82
side N [adc counts]
side P [adc counts]

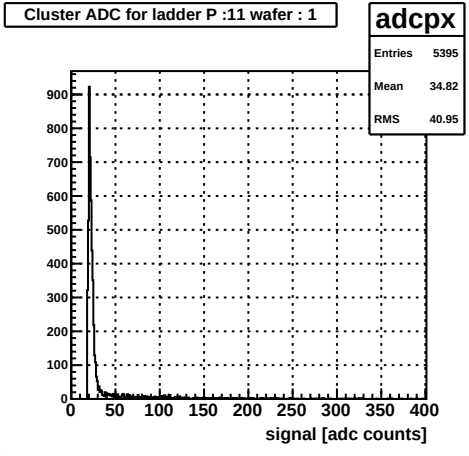

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3491
Mean 61.69
RMS 51.69
signal [adc counts]

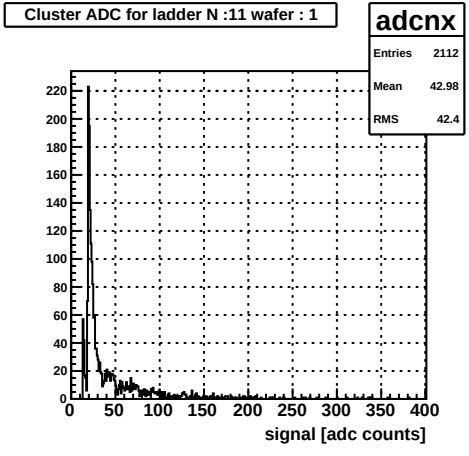

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2145
Mean 19.64
RMS 21.31
signal [adc counts]

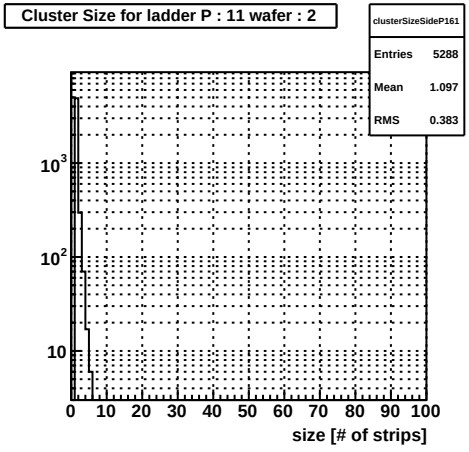

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5395
Mean 1.09
RMS 0.3586
size [# of strips]

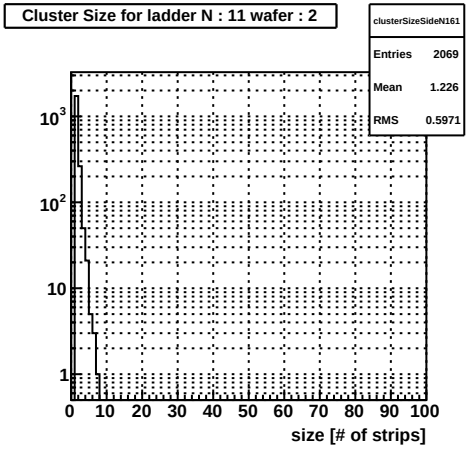

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2112
Mean 1.479
RMS 0.9301
size [# of strips]

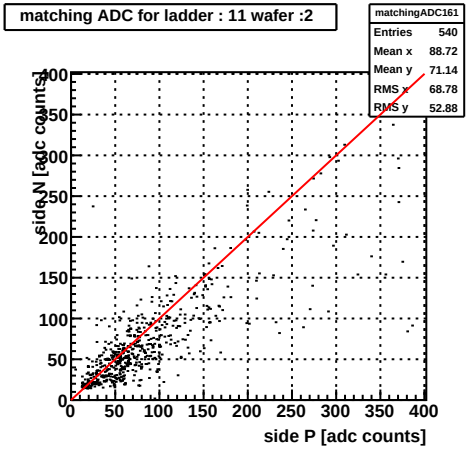

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 576
Mean x 78.75
Mean y 71.17
RMS x 59.69
RMS y 54.7
side N [adc counts]
side P [adc counts]

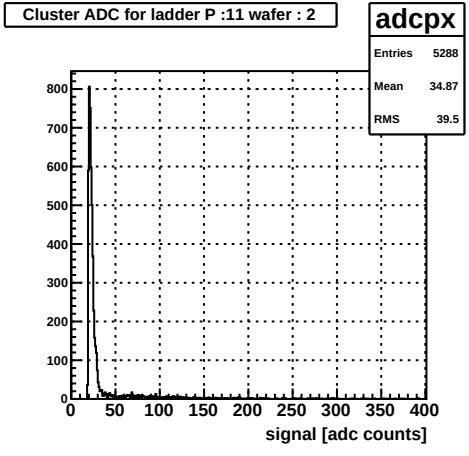

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5395
Mean 34.82
RMS 40.95
signal [adc counts]

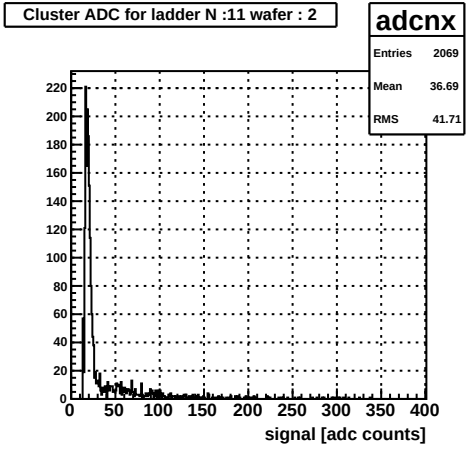

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2112
Mean 42.98
RMS 42.4
signal [adc counts]

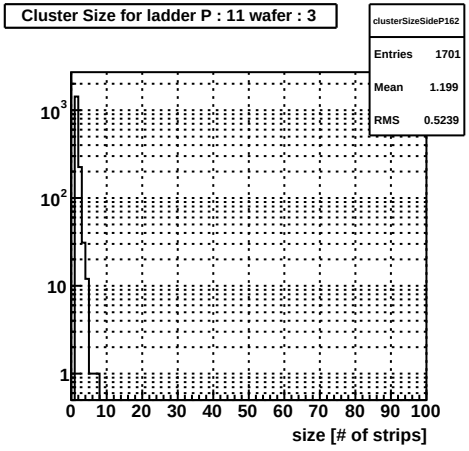

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5288
Mean 1.097
RMS 0.383
size [# of strips]

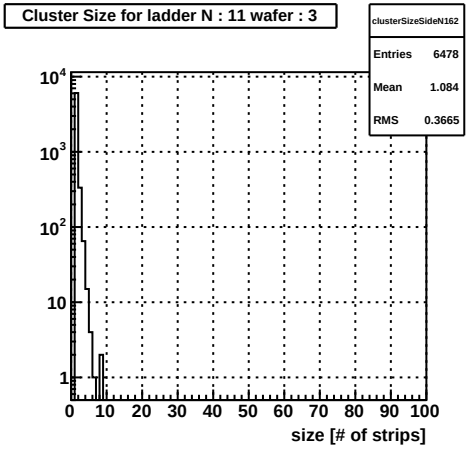

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2069
Mean 1.226
RMS 0.5971
size [# of strips]

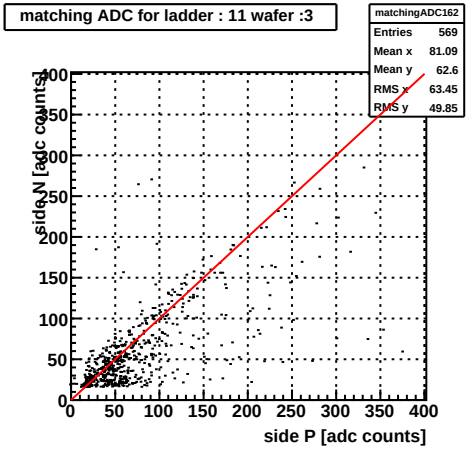

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 540
Mean x 88.72
Mean y 71.14
RMS x 68.78
RMS y 52.88
side N [adc counts]
side P [adc counts]

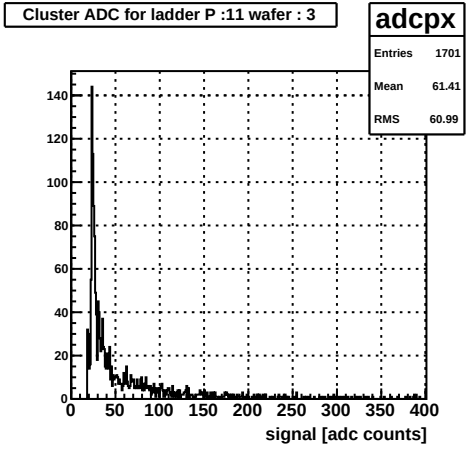

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5288
Mean 34.87
RMS 39.5
signal [adc counts]

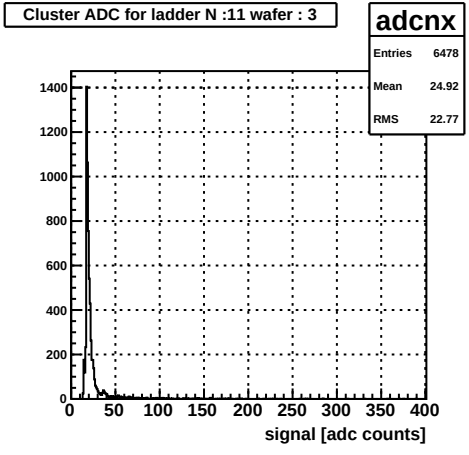

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2069
Mean 36.69
RMS 41.71
signal [adc counts]

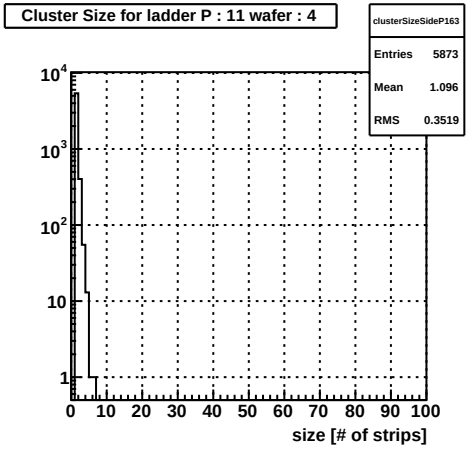

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1701
Mean 1.199
RMS 0.5239
size [# of strips]

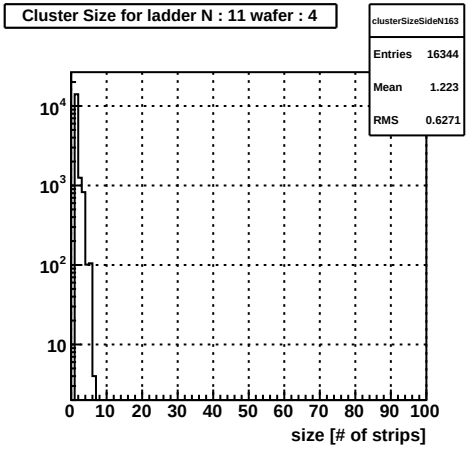

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6478
Mean 1.084
RMS 0.3665
size [# of strips]

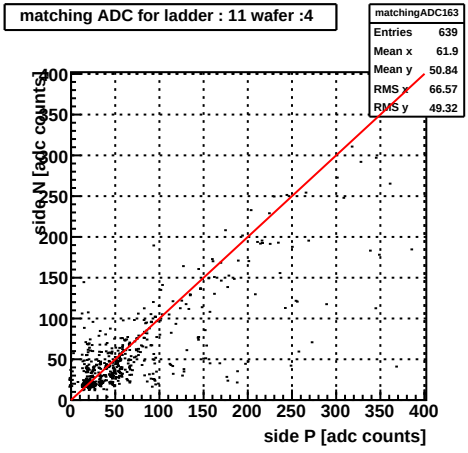

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 569
Mean x 81.09
Mean y 62.6
RMS x 63.45
RMS y 49.85
side N [adc counts]
side P [adc counts]

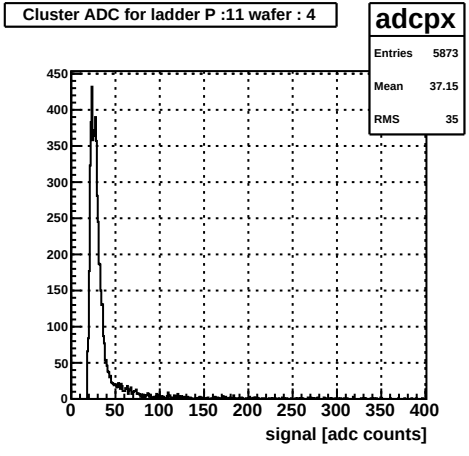

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1701
Mean 61.41
RMS 60.99
signal [adc counts]

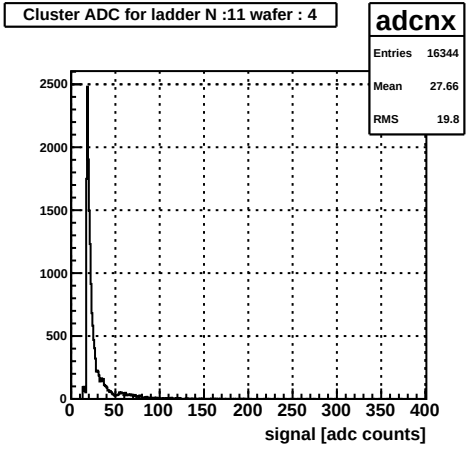

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6478
Mean 24.92
RMS 22.77
signal [adc counts]

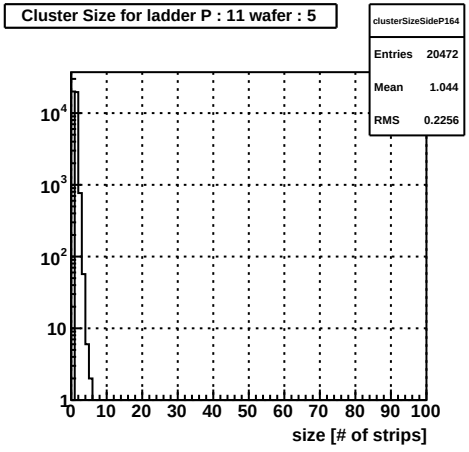

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5873
Mean 1.096
RMS 0.3519
size [# of strips]

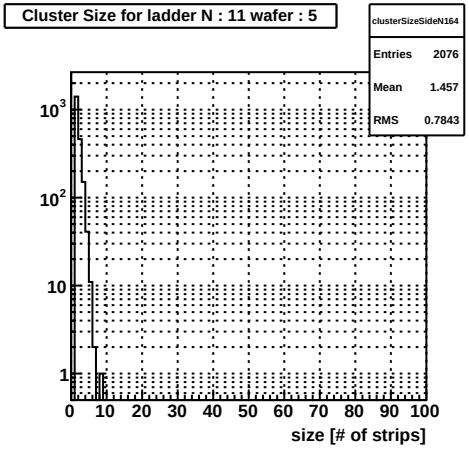

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 16344
Mean 1.223
RMS 0.6271
size [# of strips]

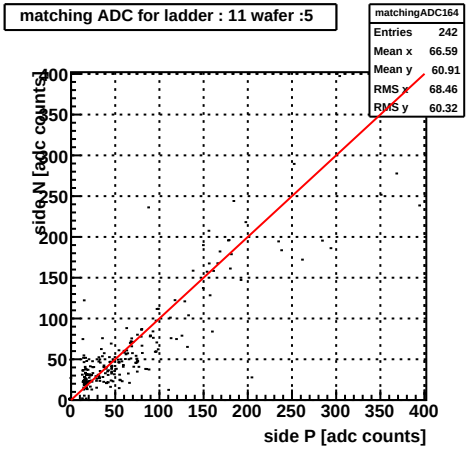

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 639
Mean x 61.9
Mean y 50.84
RMS x 66.57
RMS y 49.32
side N [adc counts]
side P [adc counts]

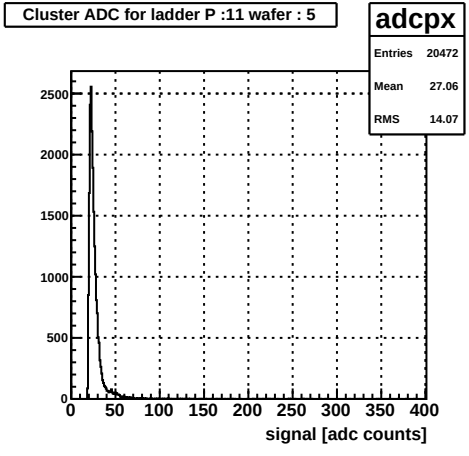

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5873
Mean 37.15
RMS 35
signal [adc counts]

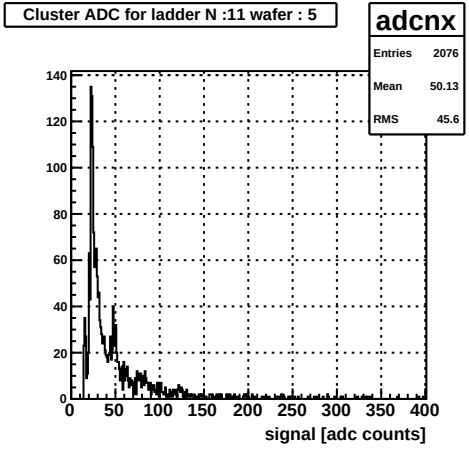

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 16344
Mean 27.66
RMS 19.8
signal [adc counts]

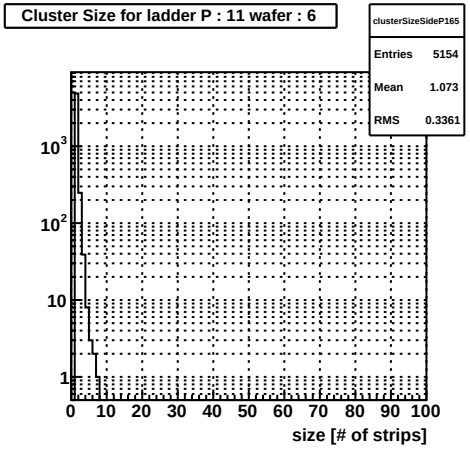

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 20472
Mean 1.044
RMS 0.2256
size [# of strips]

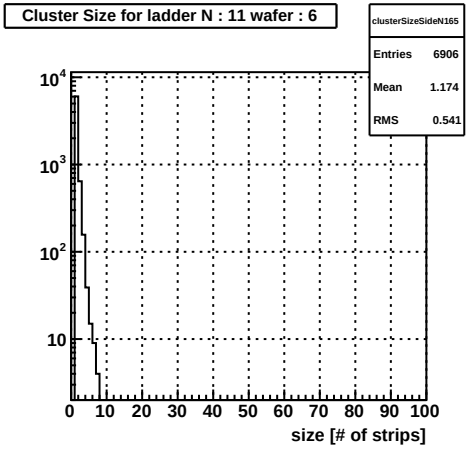

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2076
Mean 1.457
RMS 0.7843
size [# of strips]

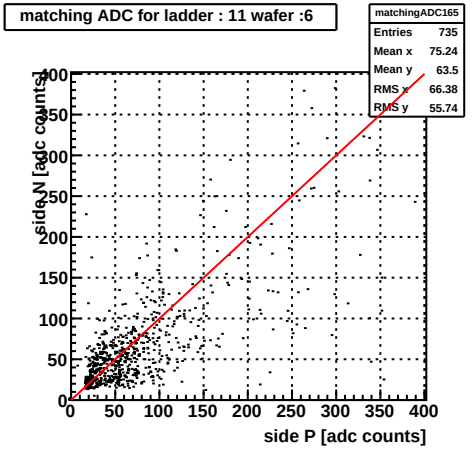

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 242
Mean x 66.59
Mean y 60.91
RMS x 68.46
RMS y 60.32
side N [adc counts]
side P [adc counts]

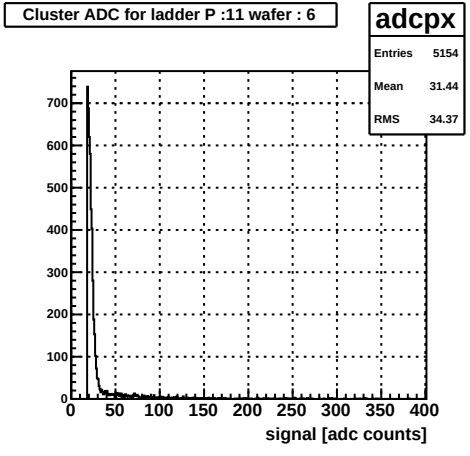

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 20472
Mean 27.06
RMS 14.07
signal [adc counts]

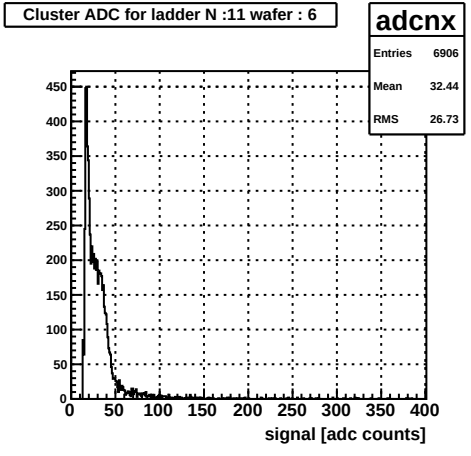

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2076
Mean 50.13
RMS 45.6
signal [adc counts]

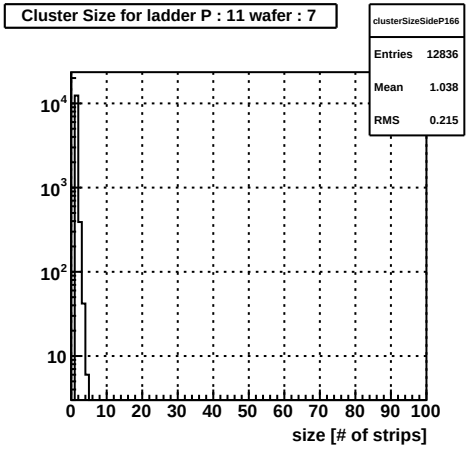

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5154
Mean 1.073
RMS 0.3361
size [# of strips]

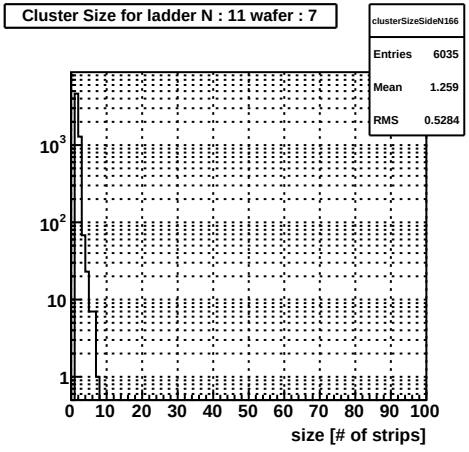

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6906
Mean 1.174
RMS 0.541
size [# of strips]

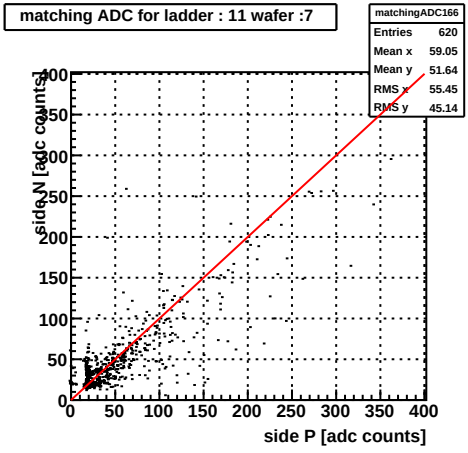

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 735
Mean x 75.24
Mean y 63.5
RMS x 66.38
RMS y 55.74
side N [adc counts]
side P [adc counts]

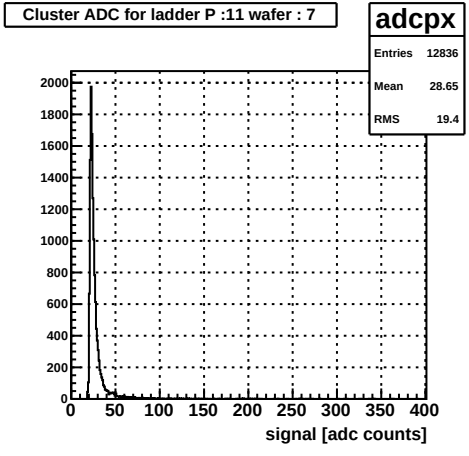

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5154
Mean 31.44
RMS 34.37
signal [adc counts]

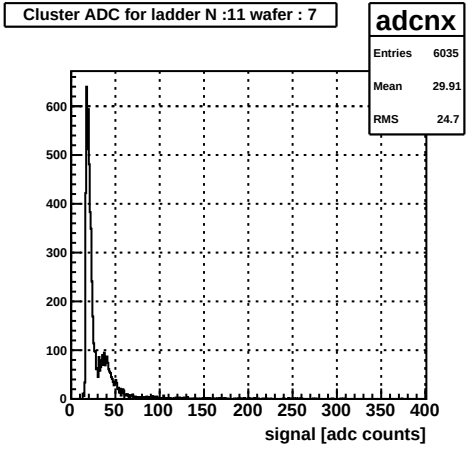

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6906
Mean 32.44
RMS 26.73
signal [adc counts]

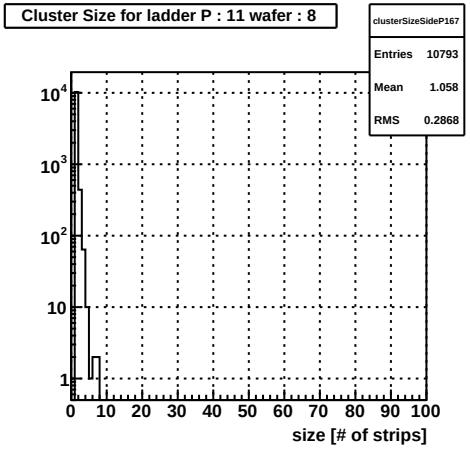

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 12836
Mean 1.038
RMS 0.215
size [# of strips]

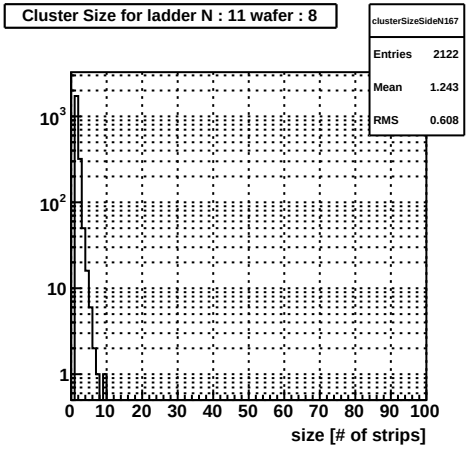

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 6035
Mean 1.259
RMS 0.5284
size [# of strips]

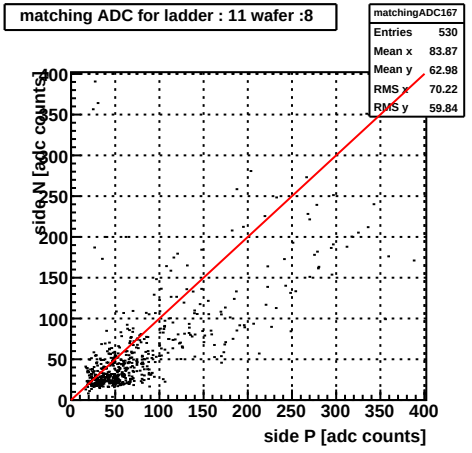

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 620
Mean x 59.05
Mean y 51.64
RMS x 55.45
RMS y 45.14
side N [adc counts]
side P [adc counts]

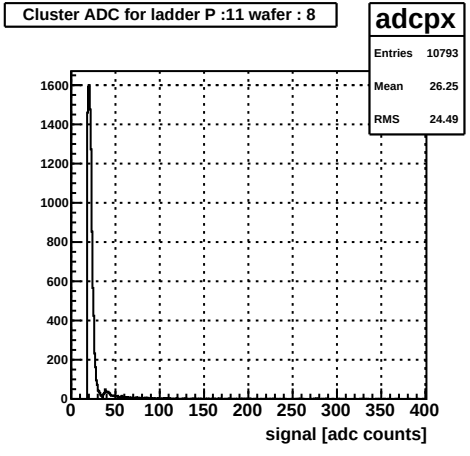

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 12836
Mean 28.65
RMS 19.4
signal [adc counts]

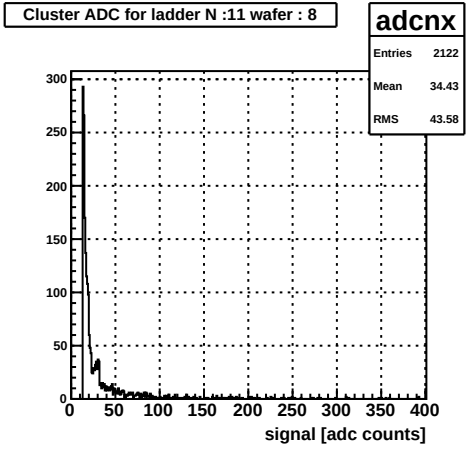

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 6035
Mean 29.91
RMS 24.7
signal [adc counts]

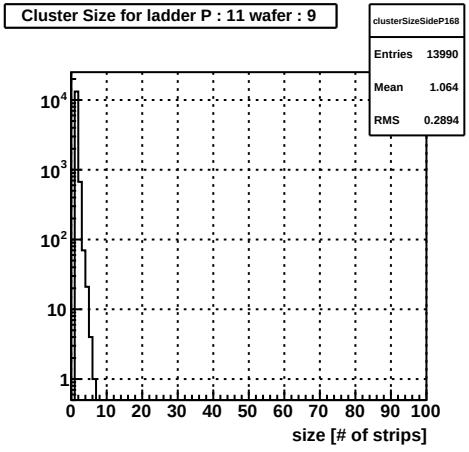

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10793
Mean 1.058
RMS 0.2868
size [# of strips]

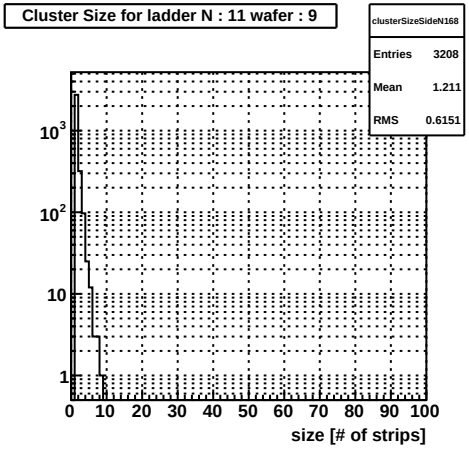

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 2122
Mean 1.243
RMS 0.608
size [# of strips]

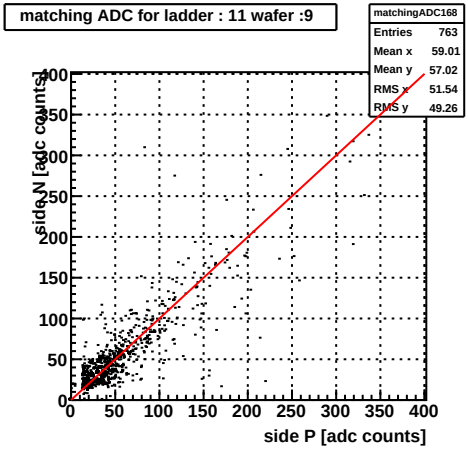

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 530
Mean x 83.87
Mean y 62.98
RMS x 70.22
RMS y 59.84
side N [adc counts]
side P [adc counts]

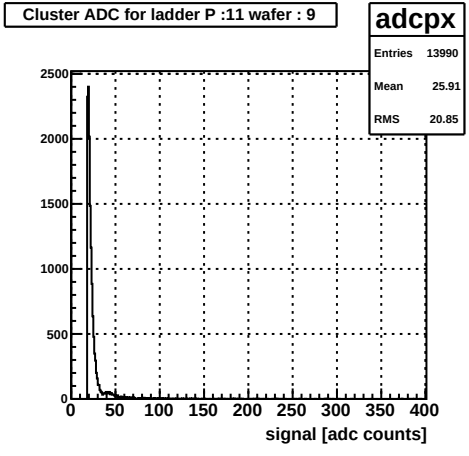

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10793
Mean 26.25
RMS 24.49
signal [adc counts]

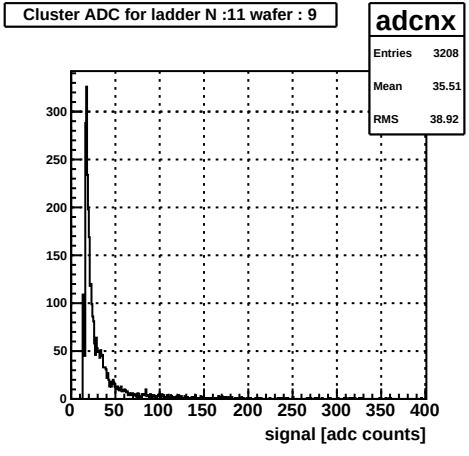

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 2122
Mean 34.43
RMS 43.58
signal [adc counts]

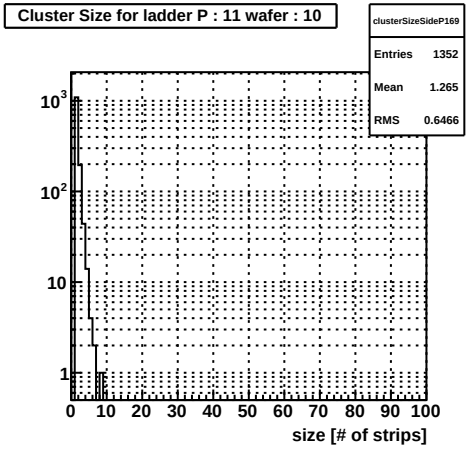

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 13990
Mean 1.064
RMS 0.2894
size [# of strips]

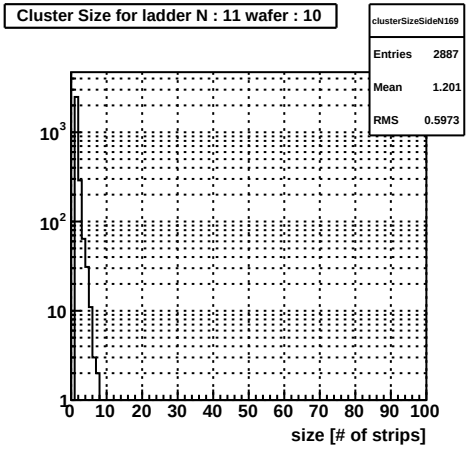

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3208
Mean 1.211
RMS 0.6151
size [# of strips]

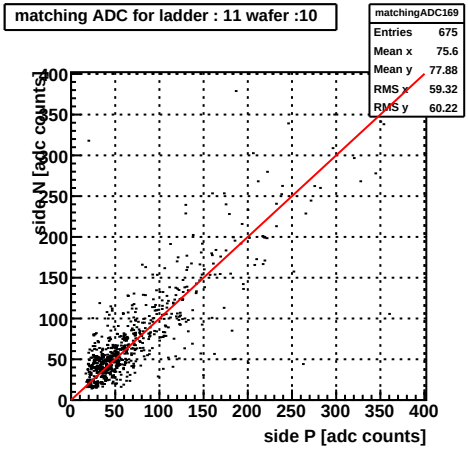

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 763
Mean x 59.01
Mean y 57.02
RMS x 51.54
RMS y 49.26
side N [adc counts]
side P [adc counts]

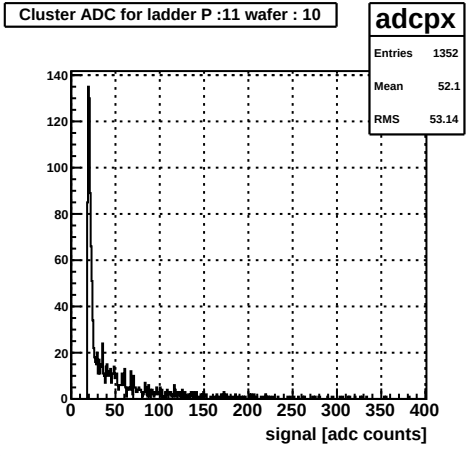

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 13990
Mean 25.91
RMS 20.85
signal [adc counts]

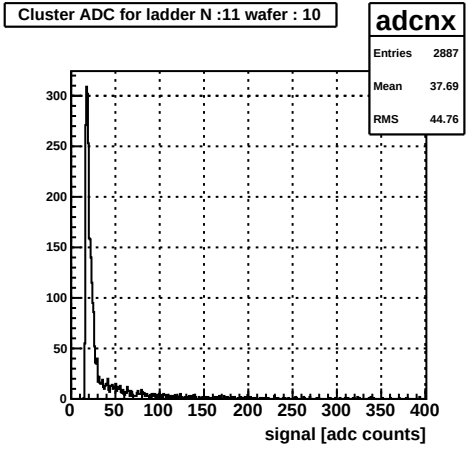

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3208
Mean 35.51
RMS 38.92
signal [adc counts]

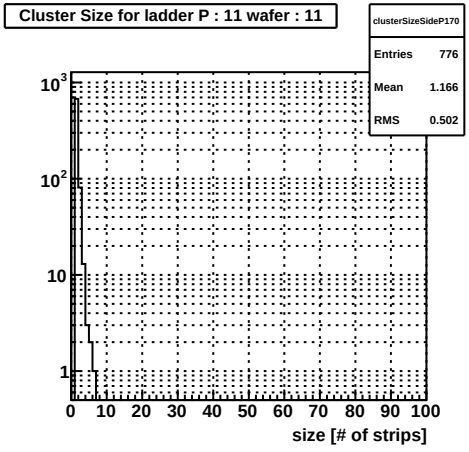

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1352
Mean 1.265
RMS 0.6466
size [# of strips]

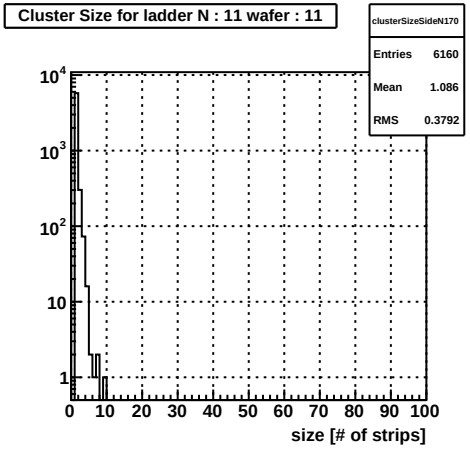

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2887
Mean 1.201
RMS 0.5973
size [# of strips]

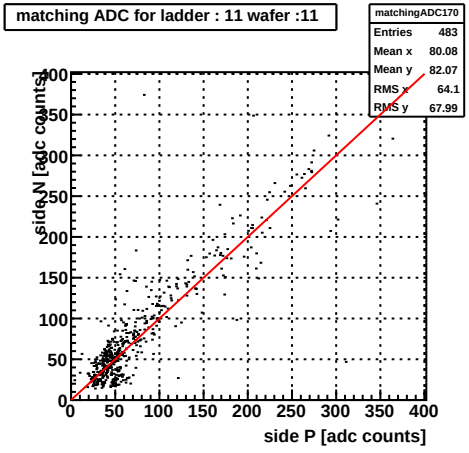

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 675
Mean x 75.6
Mean y 77.88
RMS x 59.32
RMS y 60.22
side N [adc counts]
side P [adc counts]

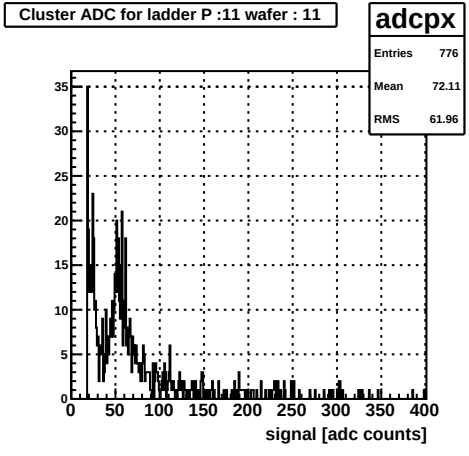

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1352
Mean 52.1
RMS 53.14
signal [adc counts]

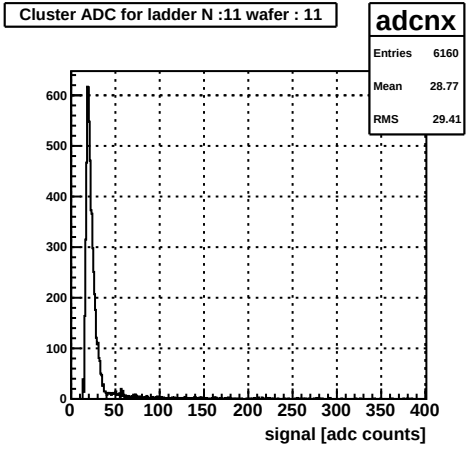

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2887
Mean 37.69
RMS 44.76
signal [adc counts]

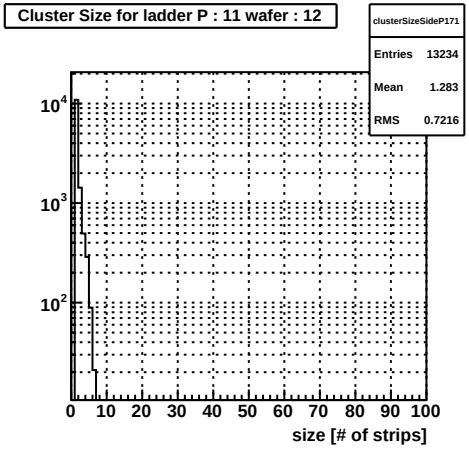

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 776
Mean 1.166
RMS 0.502
size [# of strips]

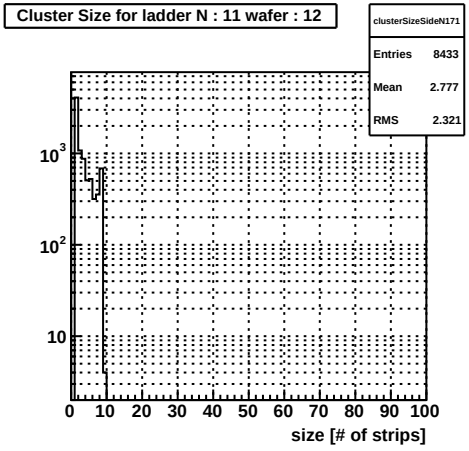

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6160
Mean 1.086
RMS 0.3792
size [# of strips]

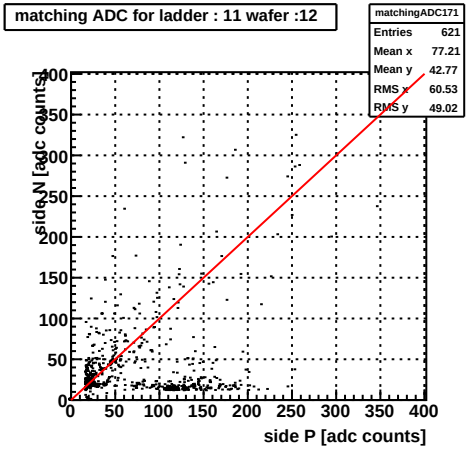

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 483
Mean x 80.08
Mean y 82.07
RMS x 64.1
RMS y 67.99
side N [adc counts]
side P [adc counts]

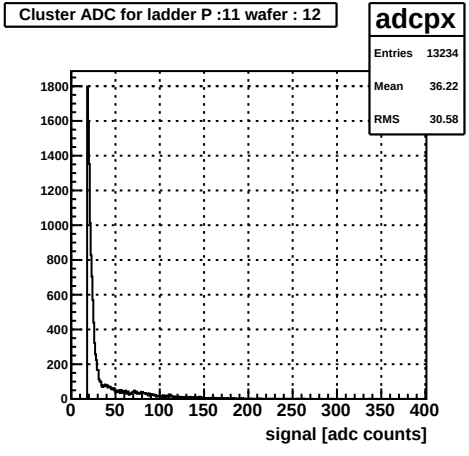

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 776
Mean 72.11
RMS 61.96
signal [adc counts]

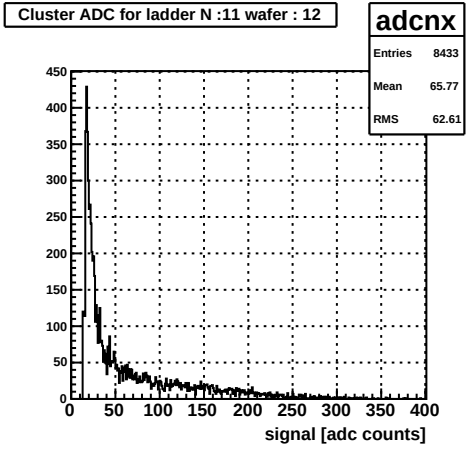

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6160
Mean 28.77
RMS 29.41
signal [adc counts]

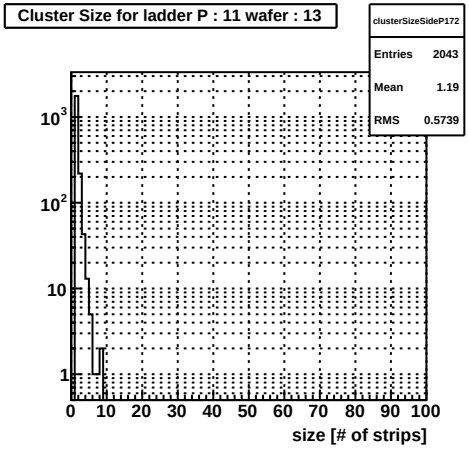

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13234
Mean 1.283
RMS 0.7216
size [# of strips]

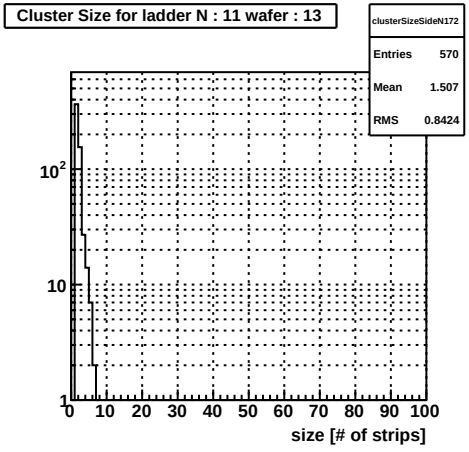

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8433
Mean 2.777
RMS 2.321
size [# of strips]

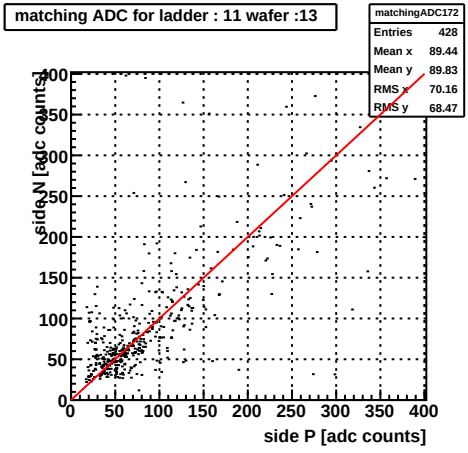

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 621
Mean x 77.21
Mean y 42.77
RMS x 60.53
RMS y 49.02
side N [adc counts]
side P [adc counts]

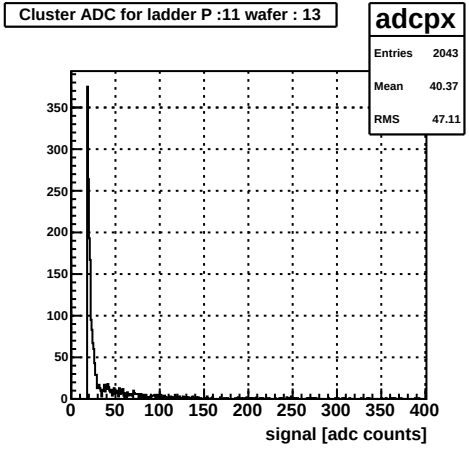

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13234
Mean 36.22
RMS 30.58
signal [adc counts]

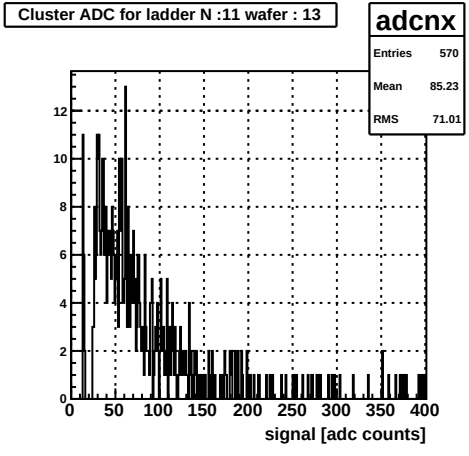

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8433
Mean 65.77
RMS 62.61
signal [adc counts]

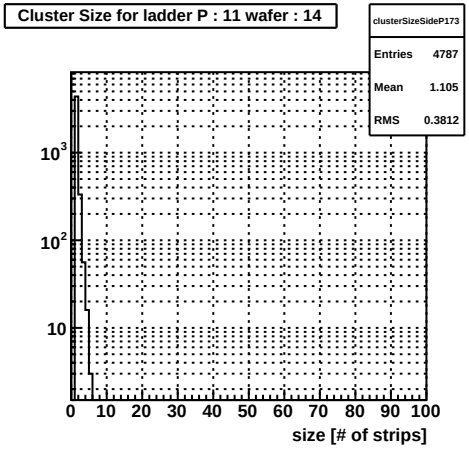

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2043
Mean 1.19
RMS 0.5739
size [# of strips]

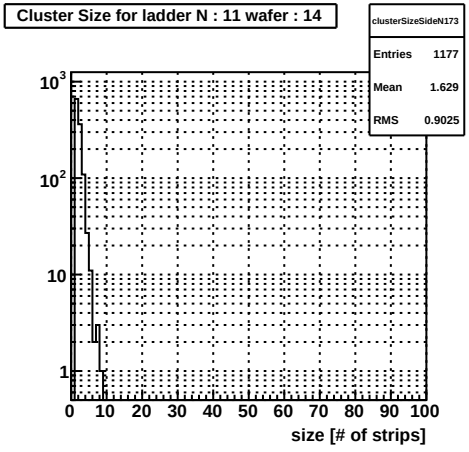

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 570
Mean 1.507
RMS 0.8424
size [# of strips]

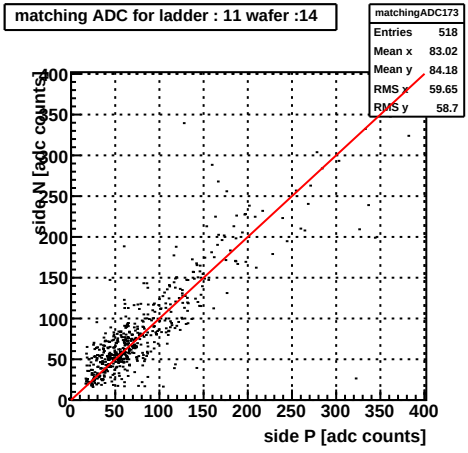

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 428
Mean x 89.44
Mean y 89.83
RMS x 70.16
RMS y 68.47
side N [adc counts]
side P [adc counts]

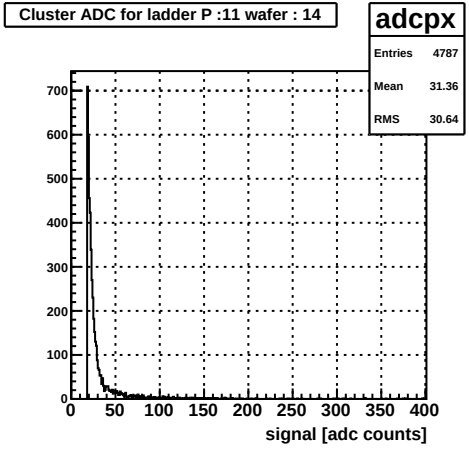

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2043
Mean 40.37
RMS 47.11
signal [adc counts]

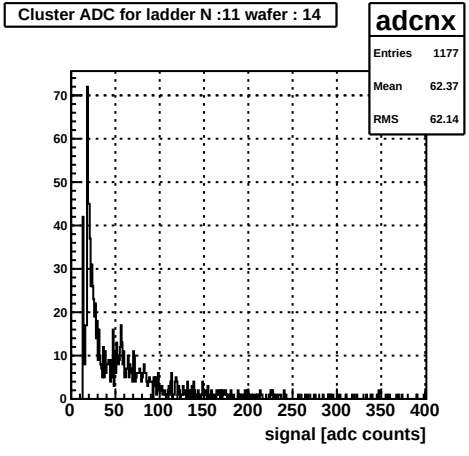

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 570
Mean 85.23
RMS 71.01
signal [adc counts]

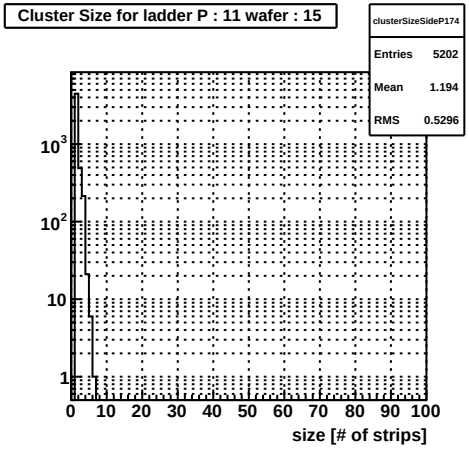

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 4787
Mean 1.105
RMS 0.3812
size [# of strips]

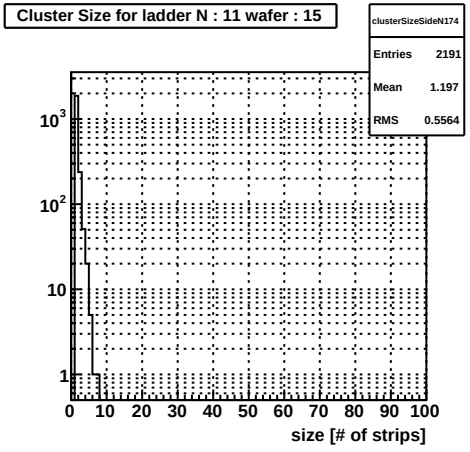

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1177
Mean 1.629
RMS 0.9025
size [# of strips]

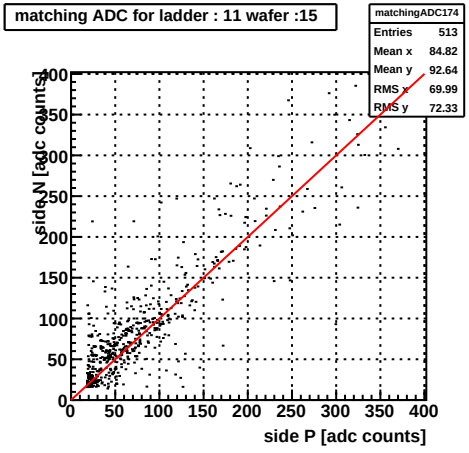

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 518
Mean x 83.02
Mean y 84.18
RMS x 59.65
RMS y 58.7
side N [adc counts]
side P [adc counts]

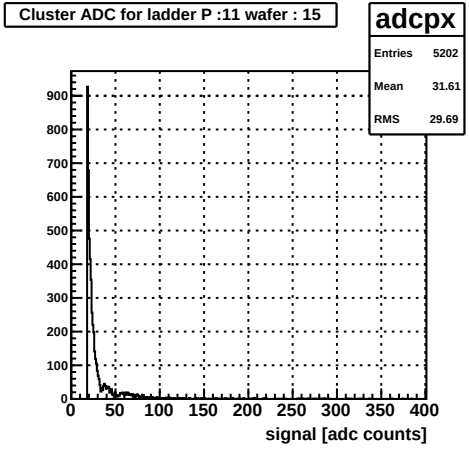

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 4787
Mean 31.36
RMS 30.64
signal [adc counts]

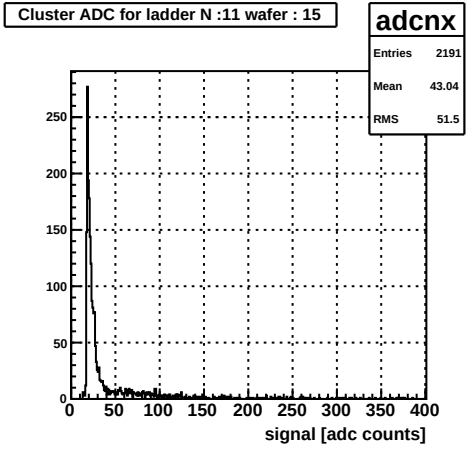

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1177
Mean 62.37
RMS 62.14
signal [adc counts]

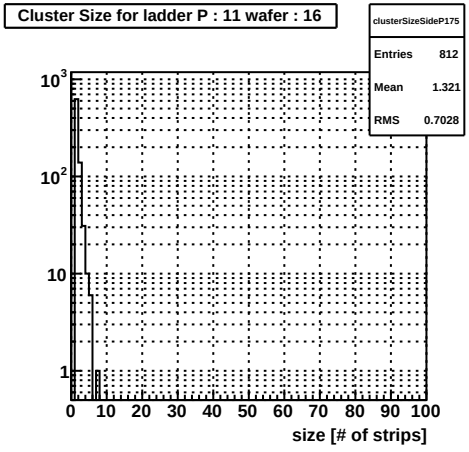

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 5202
Mean 1.194
RMS 0.5296
size [# of strips]

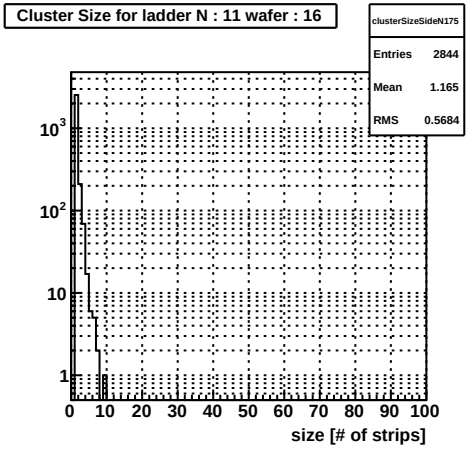

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2191
Mean 1.197
RMS 0.5564
size [# of strips]

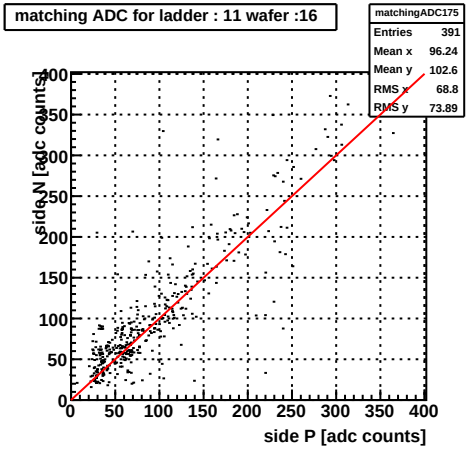

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 513
Mean x 84.82
Mean y 92.64
RMS x 69.99
RMS y 72.33
side N [adc counts]
side P [adc counts]

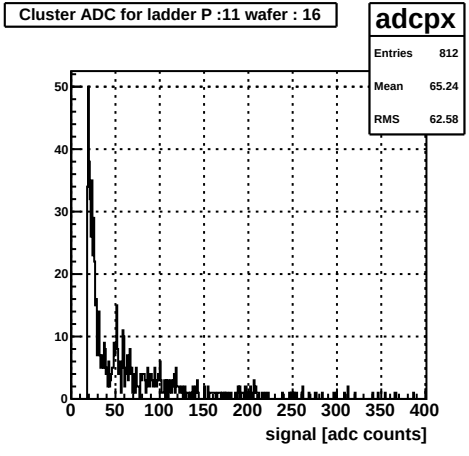

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 5202
Mean 31.61
RMS 29.69
signal [adc counts]

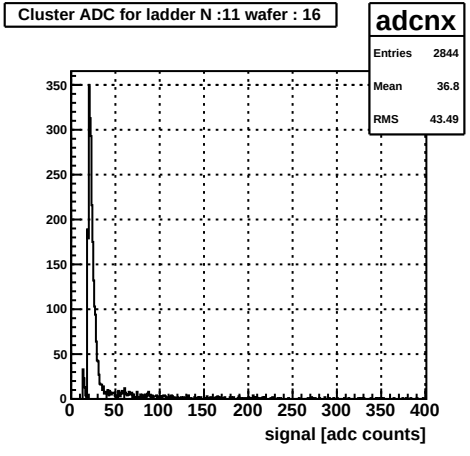

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2191
Mean 43.04
RMS 51.5
signal [adc counts]

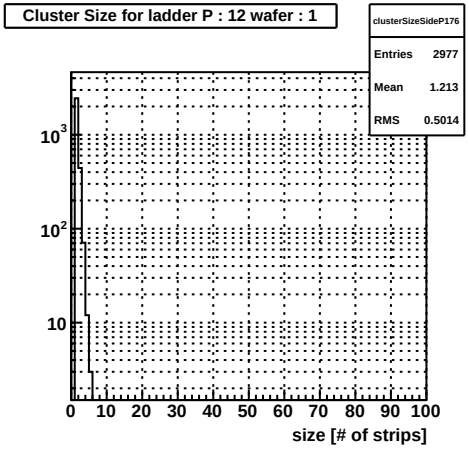

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 812
Mean 1.321
RMS 0.7028
size [# of strips]

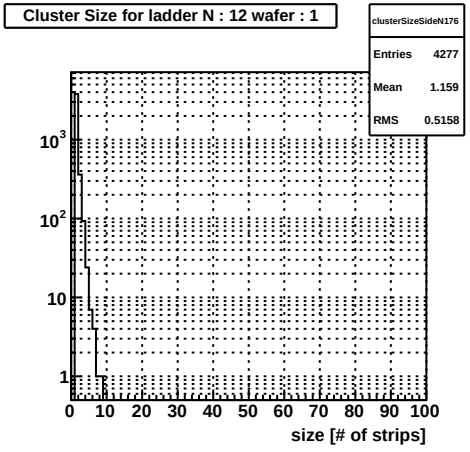

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2844
Mean 1.165
RMS 0.5684
size [# of strips]

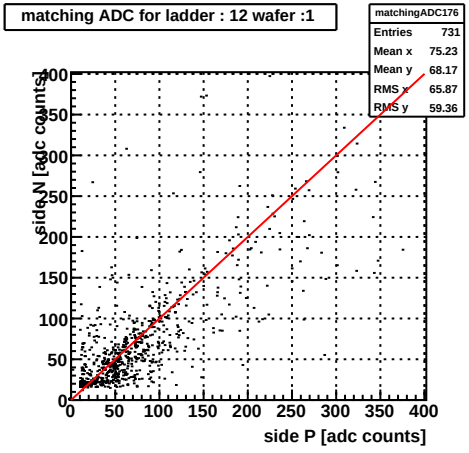

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 391
Mean x 96.24
Mean y 102.6
RMS x 68.8
RMS y 73.89
side N [adc counts]
side P [adc counts]

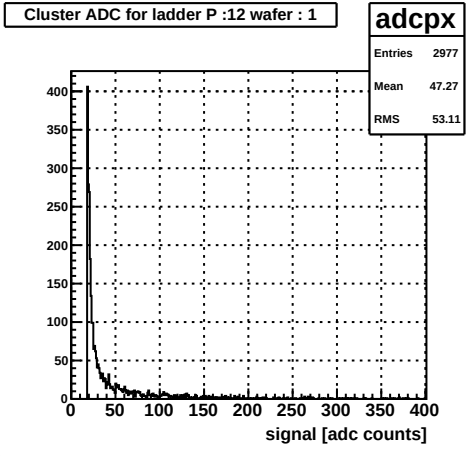

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 812
Mean 65.24
RMS 62.58
signal [adc counts]

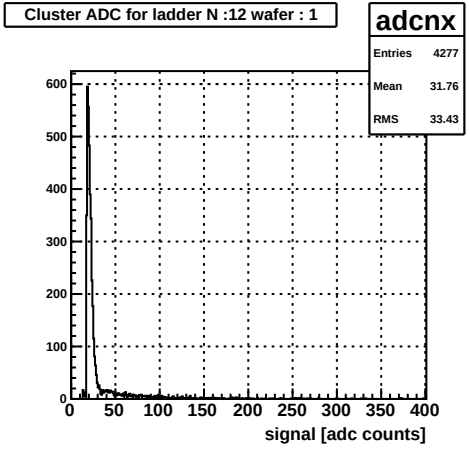

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2844
Mean 36.8
RMS 43.49
signal [adc counts]

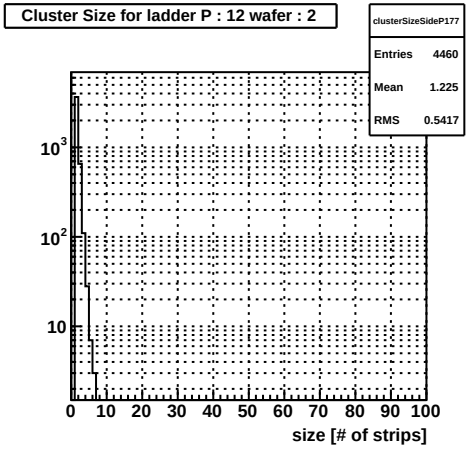

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2977
Mean 1.213
RMS 0.5014
size [# of strips]

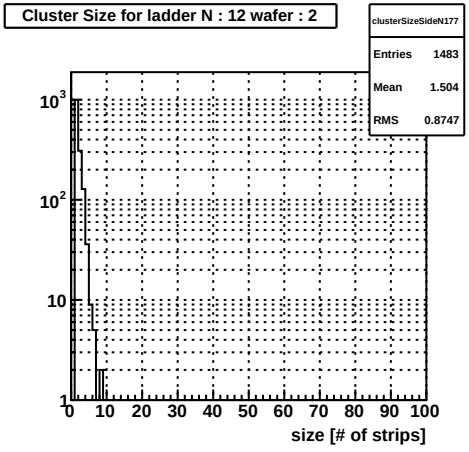

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4277
Mean 1.159
RMS 0.5158
size [# of strips]

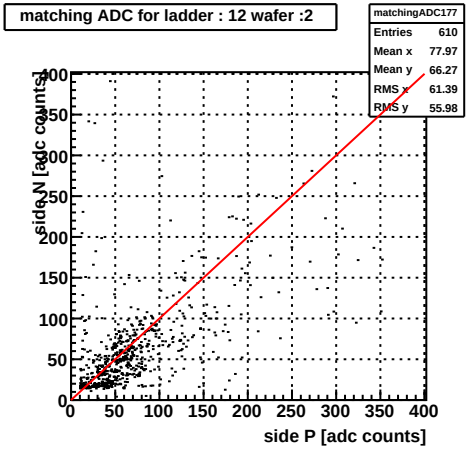

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 731
Mean x 75.23
Mean y 68.17
RMS x 65.87
RMS y 59.36
side N [adc counts]
side P [adc counts]

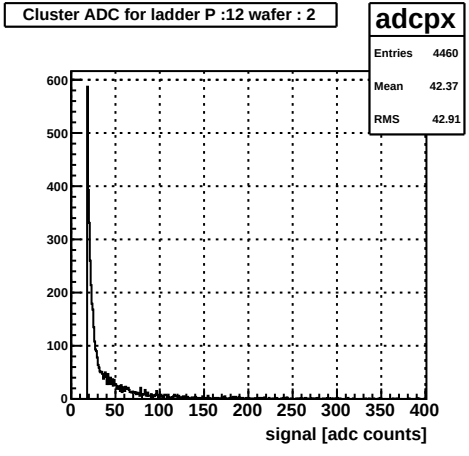

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2977
Mean 47.27
RMS 53.11
signal [adc counts]

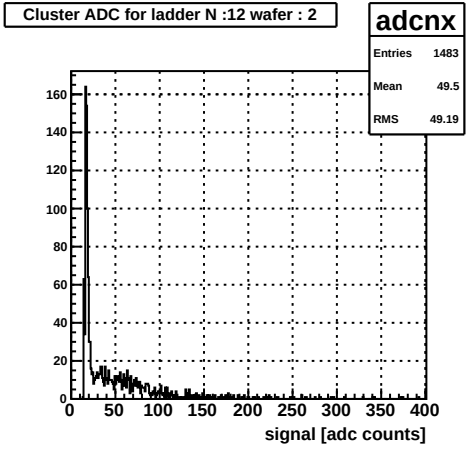

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4277
Mean 31.76
RMS 33.43
signal [adc counts]

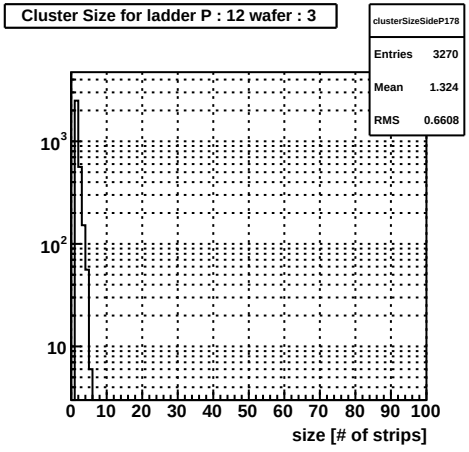

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4460
Mean 1.225
RMS 0.5417
size [# of strips]

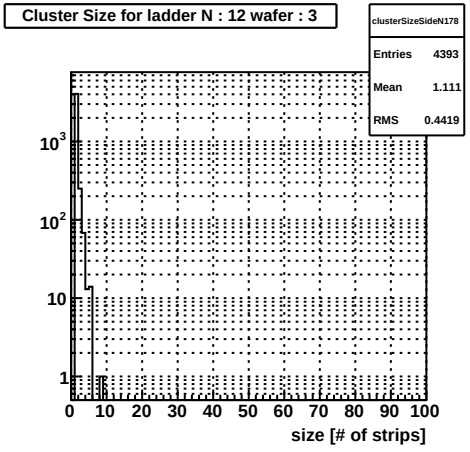

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1483
Mean 1.504
RMS 0.8747
size [# of strips]

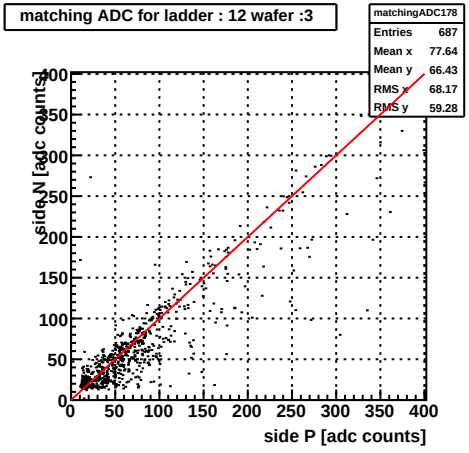

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 610
Mean x 77.97
Mean y 66.27
RMS x 61.39
RMS y 55.98
side N [adc counts]
side P [adc counts]

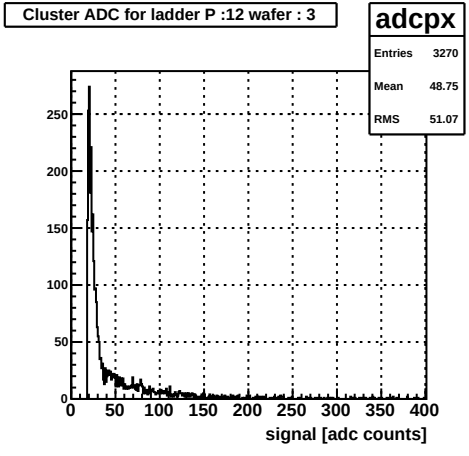

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4460
Mean 42.37
RMS 42.91
signal [adc counts]

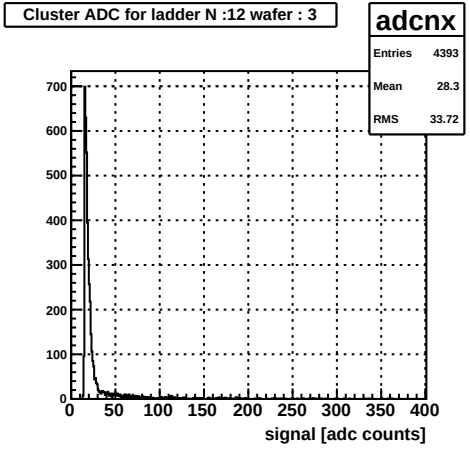

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1483
Mean 49.5
RMS 49.19
signal [adc counts]

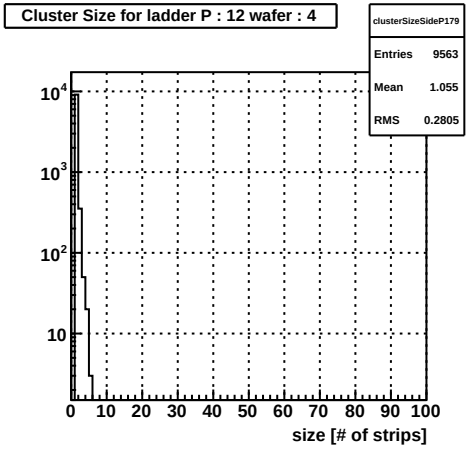

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3270
Mean 1.324
RMS 0.6608
size [# of strips]

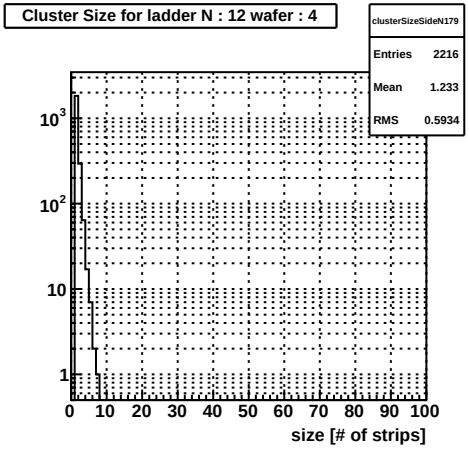

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4393
Mean 1.111
RMS 0.4419
size [# of strips]

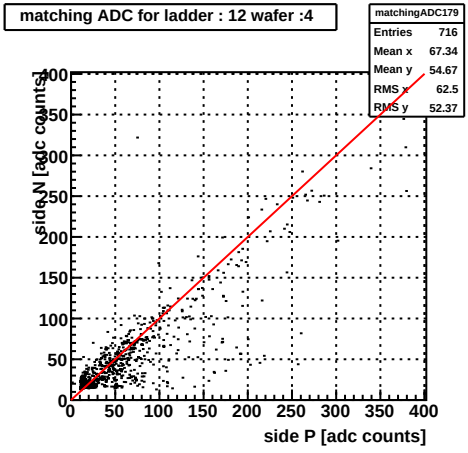

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 687
Mean x 77.64
Mean y 66.43
RMS x 68.17
RMS y 59.28
side N [adc counts]
side P [adc counts]

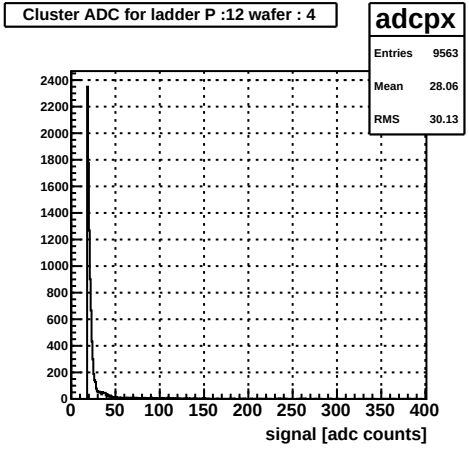

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3270
Mean 48.75
RMS 51.07
signal [adc counts]

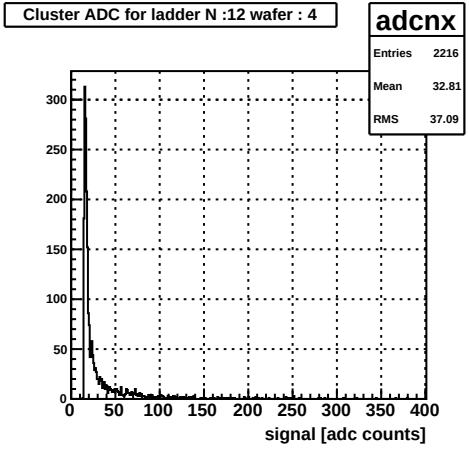

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4393
Mean 28.3
RMS 33.72
signal [adc counts]

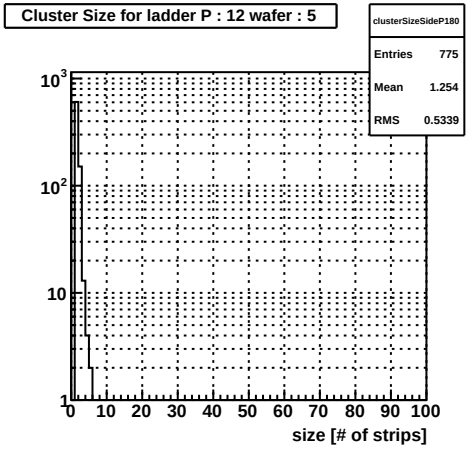

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 9563
Mean 1.055
RMS 0.2805
size [# of strips]

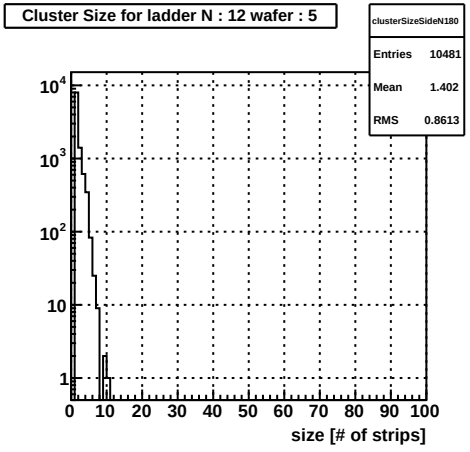

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2216
Mean 1.233
RMS 0.5934
size [# of strips]

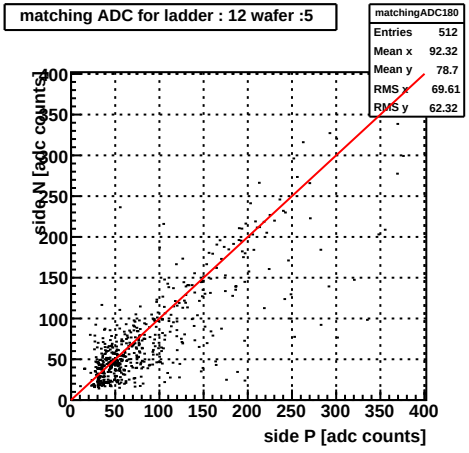

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 716
Mean x 67.34
Mean y 54.67
RMS x 62.5
RMS y 52.37
side N [adc counts]
side P [adc counts]

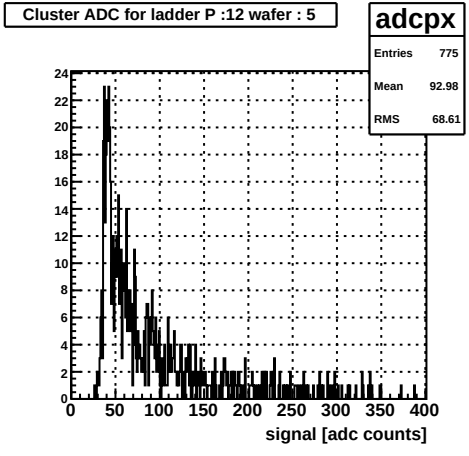

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 9563
Mean 28.06
RMS 30.13
signal [adc counts]

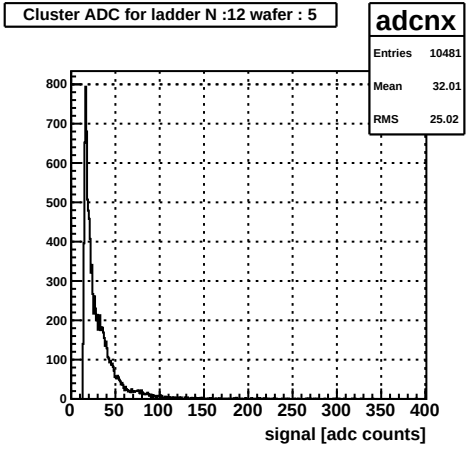

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2216
Mean 32.81
RMS 37.09
signal [adc counts]

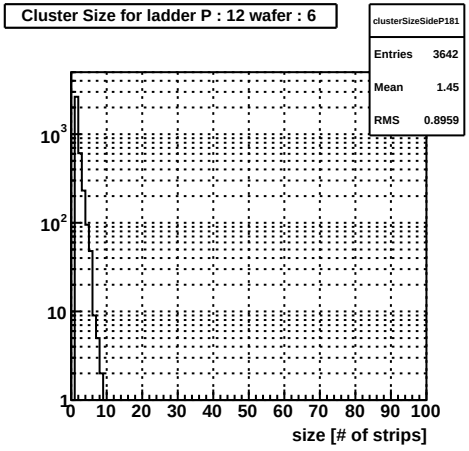

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 775
Mean 1.254
RMS 0.5339
size [# of strips]

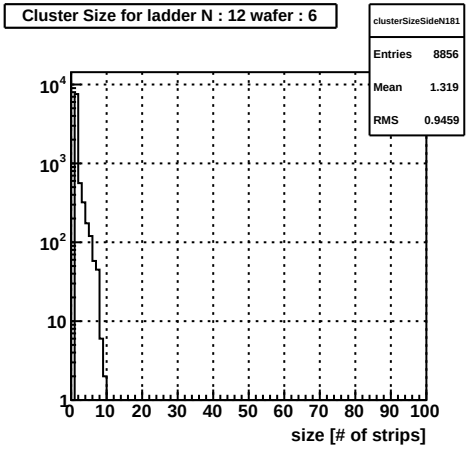

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 10481
Mean 1.402
RMS 0.8613
size [# of strips]

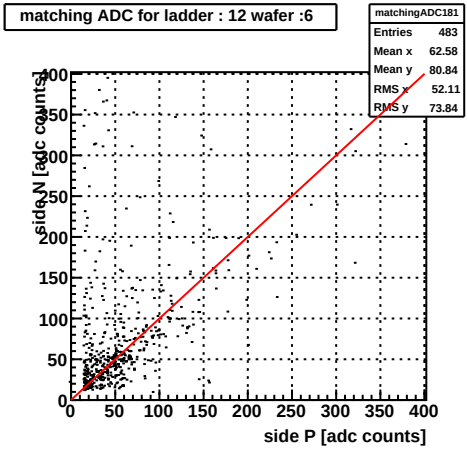

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 512
Mean x 92.32
Mean y 78.7
RMS x 69.61
RMS y 62.32
side N [adc counts]
side P [adc counts]

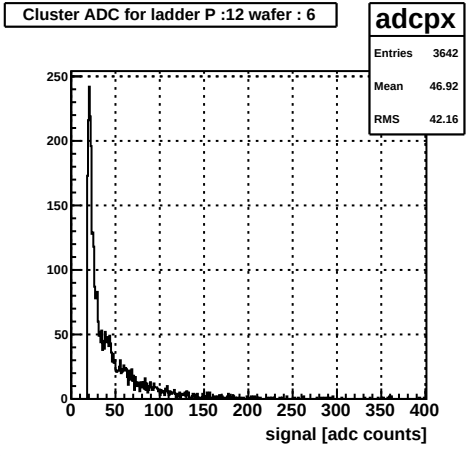

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 775
Mean 92.98
RMS 68.61
signal [adc counts]

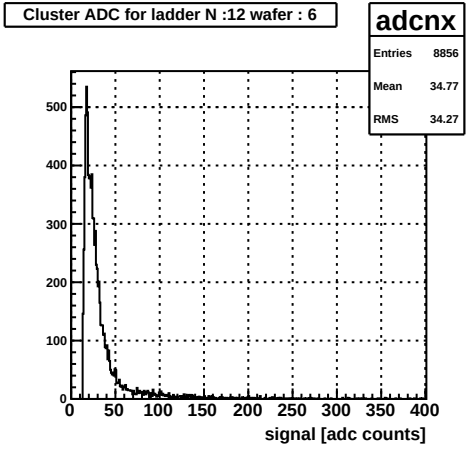

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 10481
Mean 32.01
RMS 25.02
signal [adc counts]

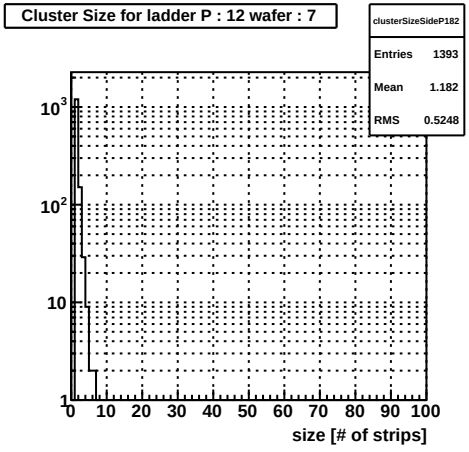

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3642
Mean 1.45
RMS 0.8959
size [# of strips]

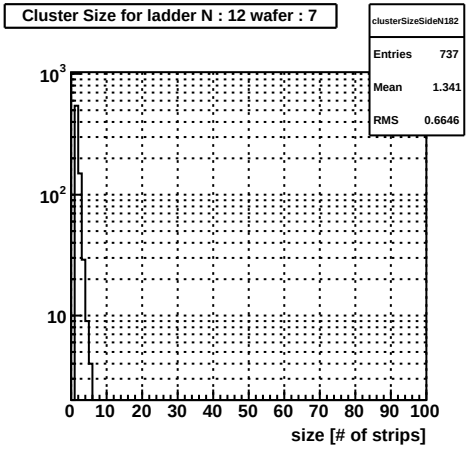

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8856
Mean 1.319
RMS 0.9459
size [# of strips]

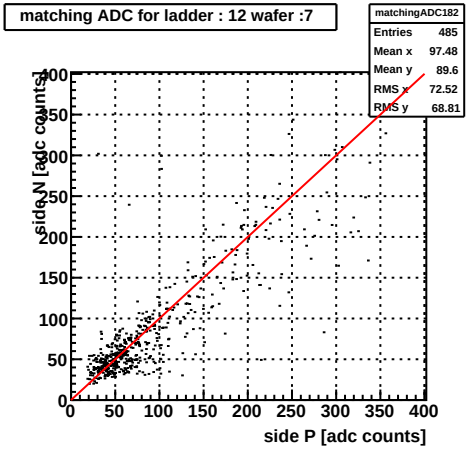

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 483
Mean x 62.58
Mean y 80.84
RMS x 52.11
RMS y 73.84
side N [adc counts]
side P [adc counts]

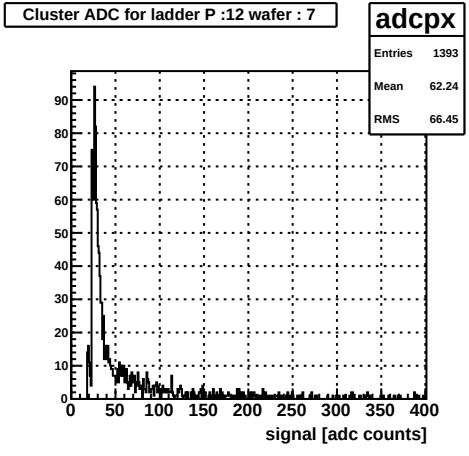

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3642
Mean 46.92
RMS 42.16
signal [adc counts]

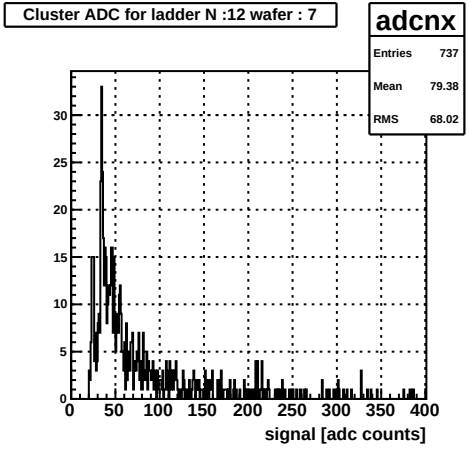

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8856
Mean 34.77
RMS 34.27
signal [adc counts]

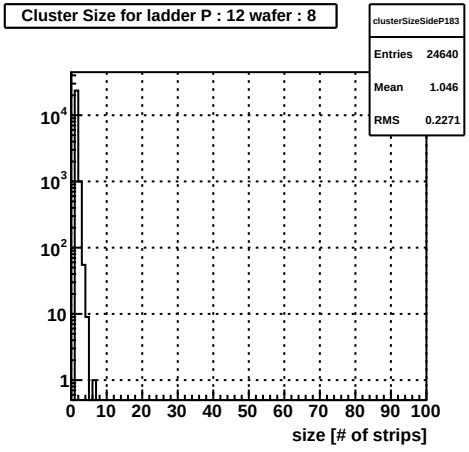

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1393
Mean 1.182
RMS 0.5248
size [# of strips]

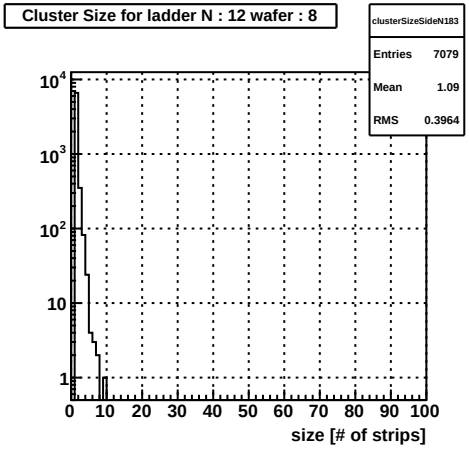

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 737
Mean 1.341
RMS 0.6646
size [# of strips]

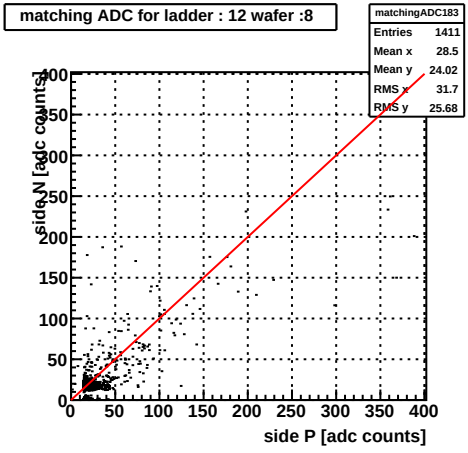

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 485
Mean x 97.48
Mean y 89.6
RMS x 72.52
RMS y 68.81
side N [adc counts]
side P [adc counts]

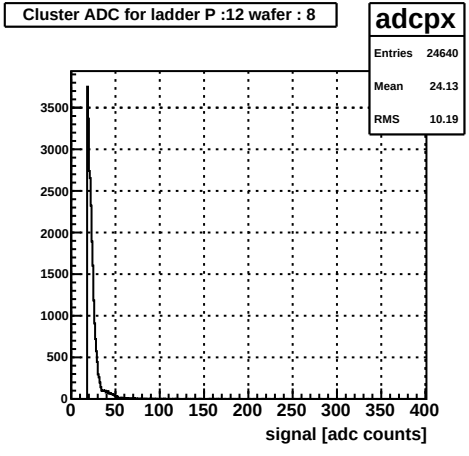

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1393
Mean 62.24
RMS 66.45
signal [adc counts]

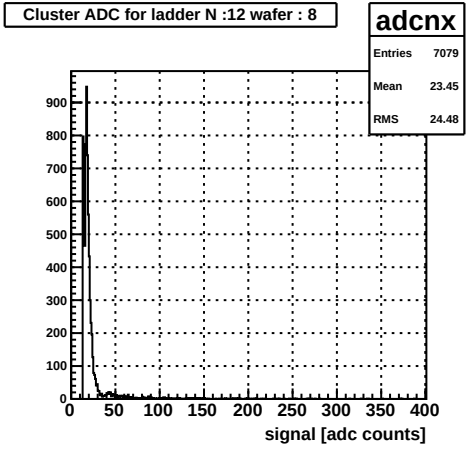

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 737
Mean 79.38
RMS 68.02
signal [adc counts]

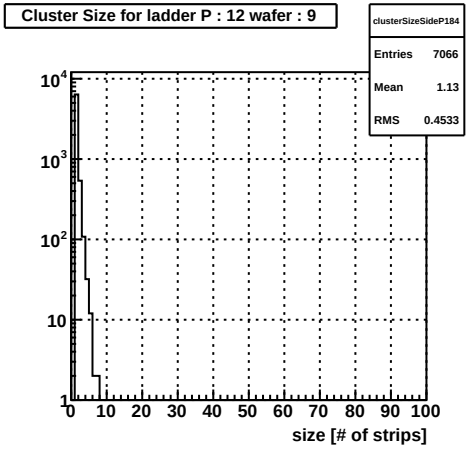

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 24640
Mean 1.046
RMS 0.2271
size [# of strips]

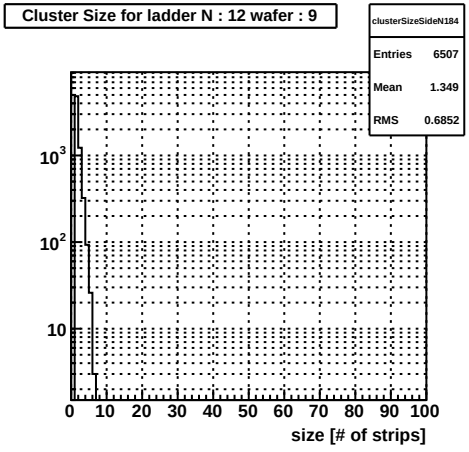

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7079
Mean 1.09
RMS 0.3964
size [# of strips]

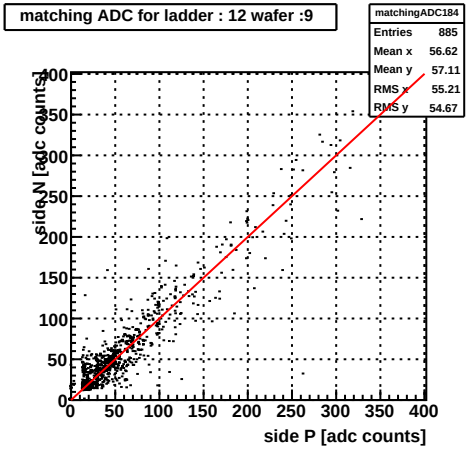

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1411
Mean x 28.5
Mean y 24.02
RMS x 31.7
RMS y 25.68
side N [adc counts]
side P [adc counts]

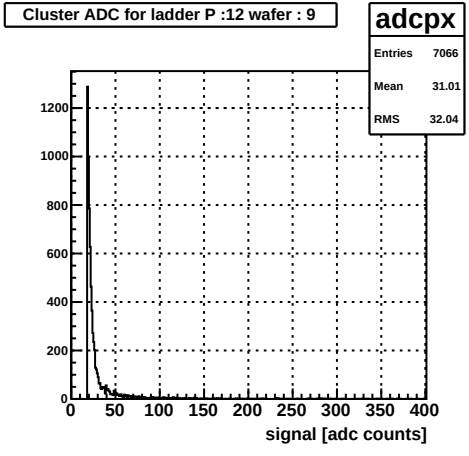

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 24640
Mean 24.13
RMS 10.19
signal [adc counts]

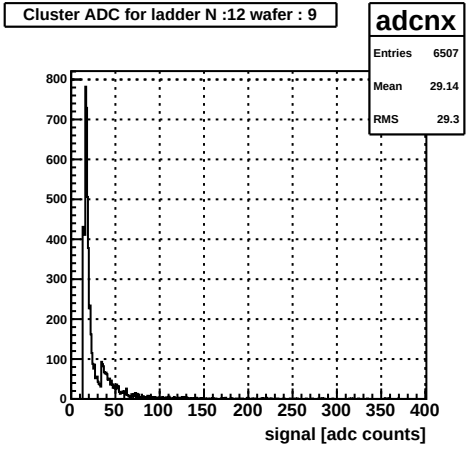

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7079
Mean 23.45
RMS 24.48
signal [adc counts]

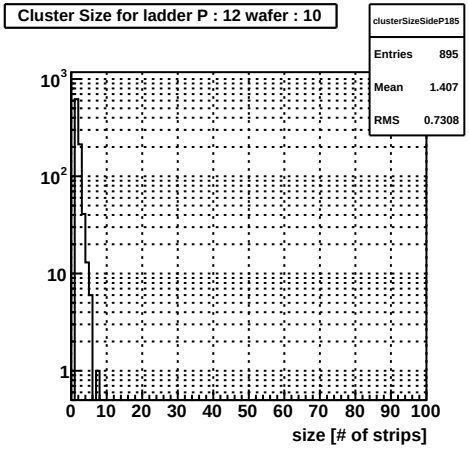

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 7066
Mean 1.13
RMS 0.4533
size [# of strips]

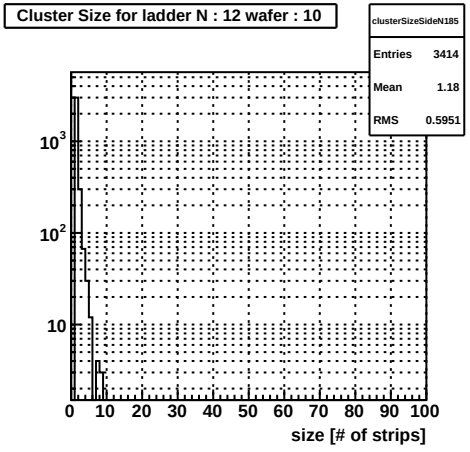

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6507
Mean 1.349
RMS 0.6852
size [# of strips]

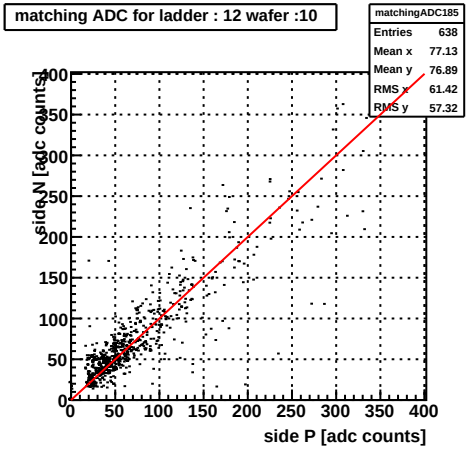

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 885
Mean x 56.62
Mean y 57.11
RMS x 55.21
RMS y 54.67
side N [adc counts]
side P [adc counts]

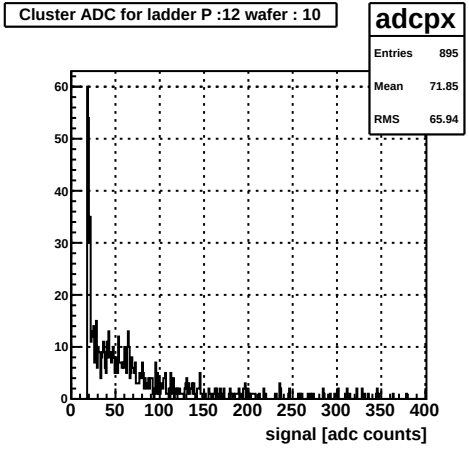

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 7066
Mean 31.01
RMS 32.04
signal [adc counts]

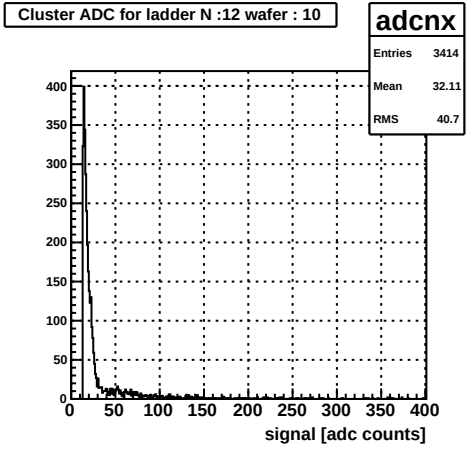

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6507
Mean 29.14
RMS 29.3
signal [adc counts]

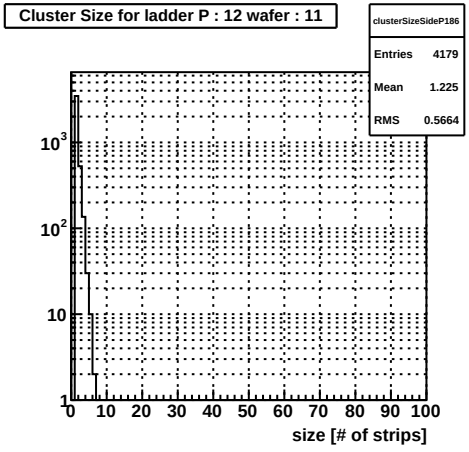

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 895
Mean 1.407
RMS 0.7308
size [# of strips]

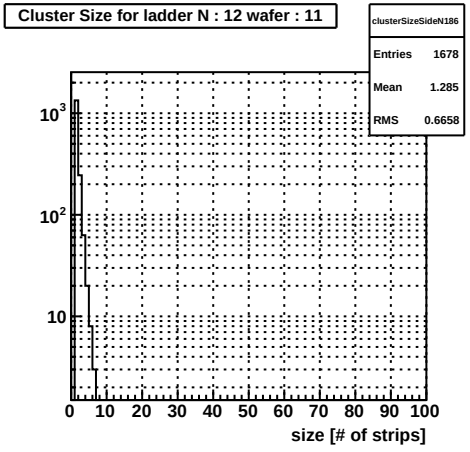

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3414
Mean 1.18
RMS 0.5951
size [# of strips]

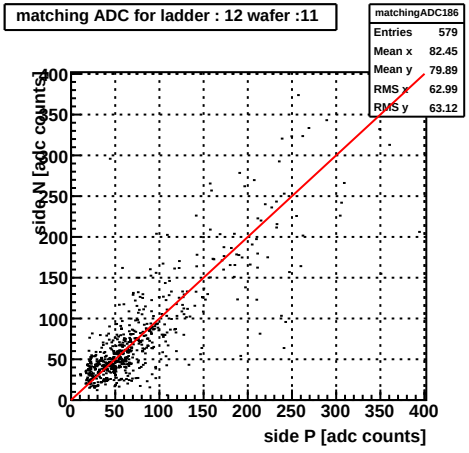

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 638
Mean x 77.13
Mean y 76.89
RMS x 61.42
RMS y 57.32
side N [adc counts]
side P [adc counts]

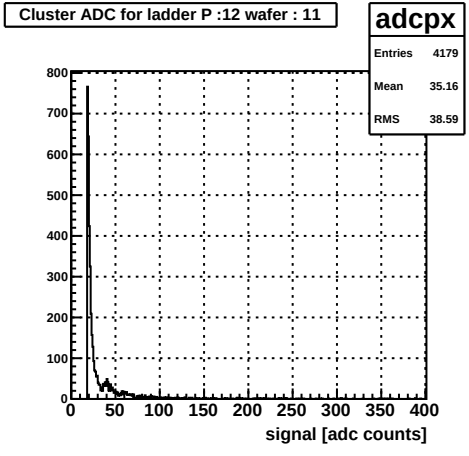

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 895
Mean 71.85
RMS 65.94
signal [adc counts]

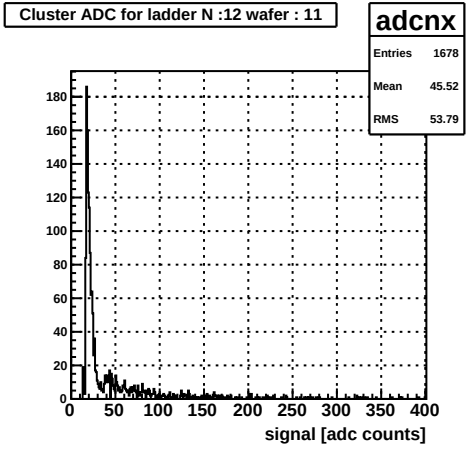

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3414
Mean 32.11
RMS 40.7
signal [adc counts]

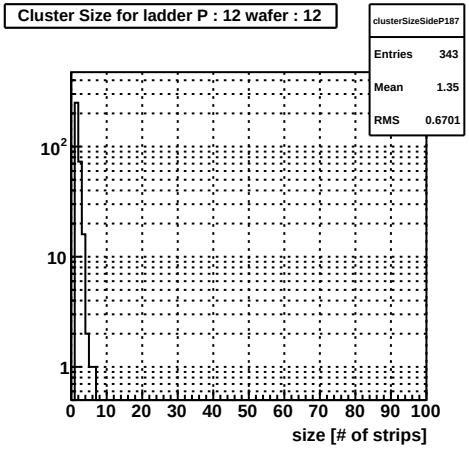

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4179
Mean 1.225
RMS 0.5664
size [# of strips]

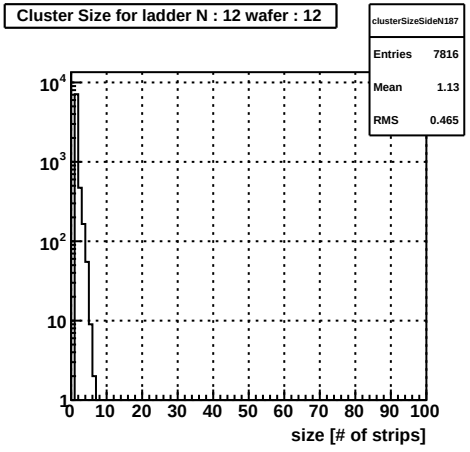

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1678
Mean 1.285
RMS 0.6658
size [# of strips]

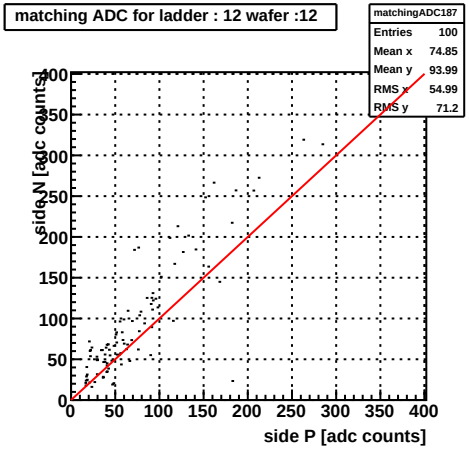

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 579
Mean x 82.45
Mean y 79.89
RMS x 62.99
RMS y 63.12
side N [adc counts]
side P [adc counts]

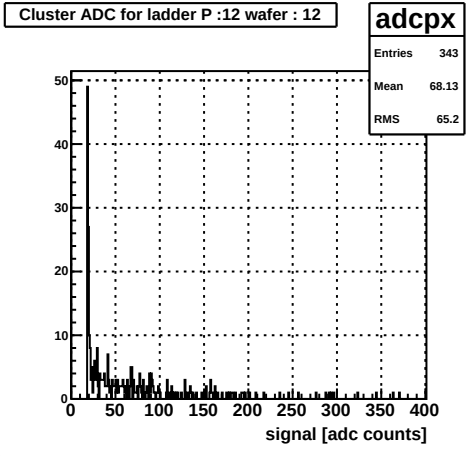

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4179
Mean 35.16
RMS 38.59
signal [adc counts]

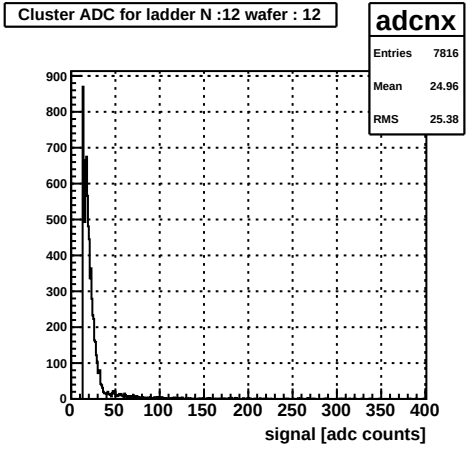

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1678
Mean 45.52
RMS 53.79
signal [adc counts]

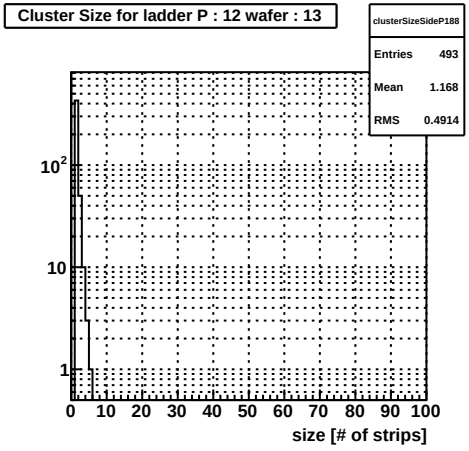

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 343
Mean 1.35
RMS 0.6701
size [# of strips]

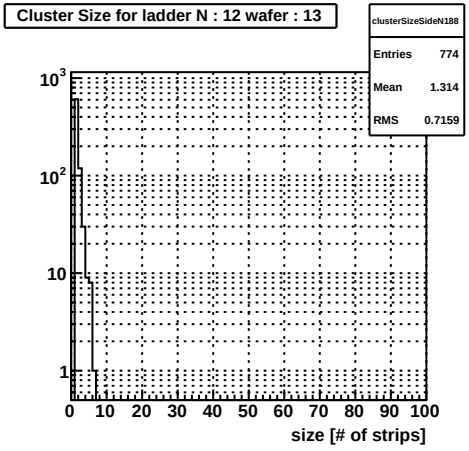

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 7816
Mean 1.13
RMS 0.465
size [# of strips]

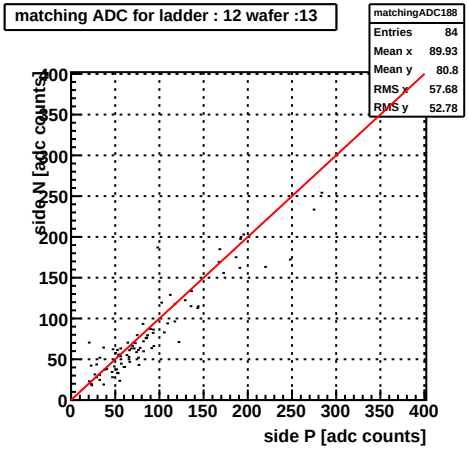

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 100
Mean x 74.85
Mean y 93.99
RMS x 54.99
RMS y 71.2
side N [adc counts]
side P [adc counts]

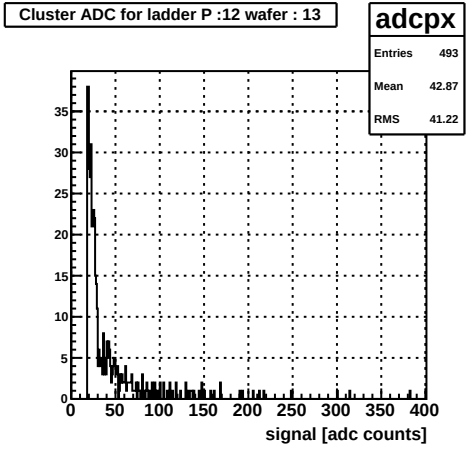

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 343
Mean 68.13
RMS 65.2
signal [adc counts]

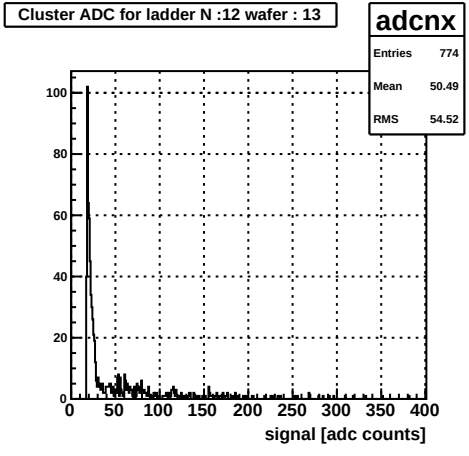

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 7816
Mean 24.96
RMS 25.38
signal [adc counts]

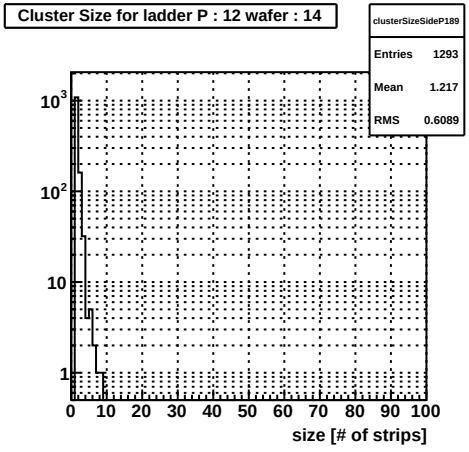

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 493
Mean 1.168
RMS 0.4914
size [# of strips]

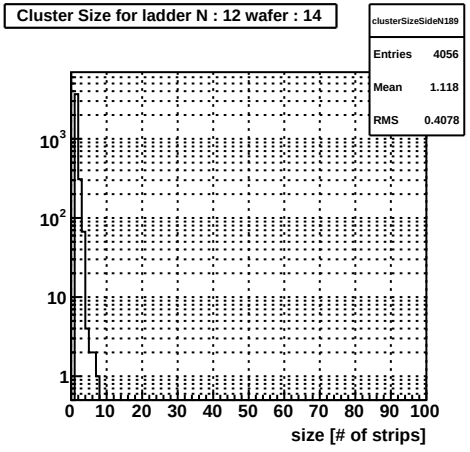

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 774
Mean 1.314
RMS 0.7159
size [# of strips]

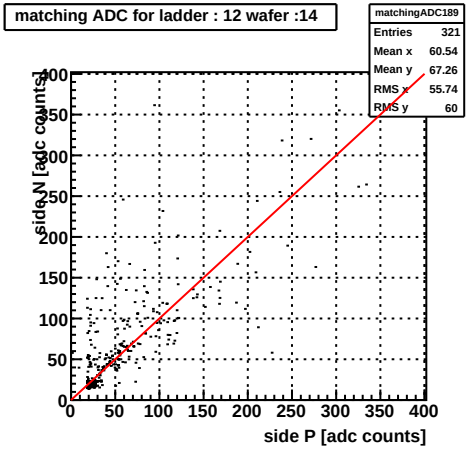

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 84
Mean x 89.93
Mean y 80.8
RMS x 57.68
RMS y 52.78
side N [adc counts]
side P [adc counts]

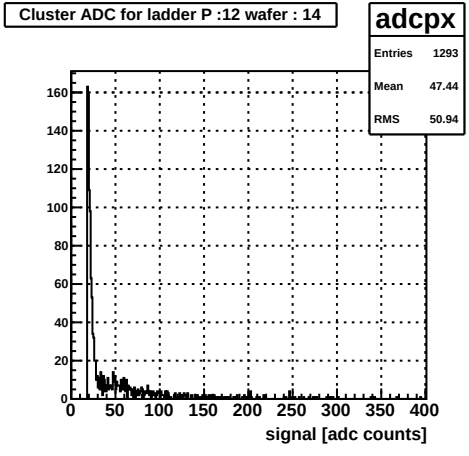

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 493
Mean 42.87
RMS 41.22
signal [adc counts]

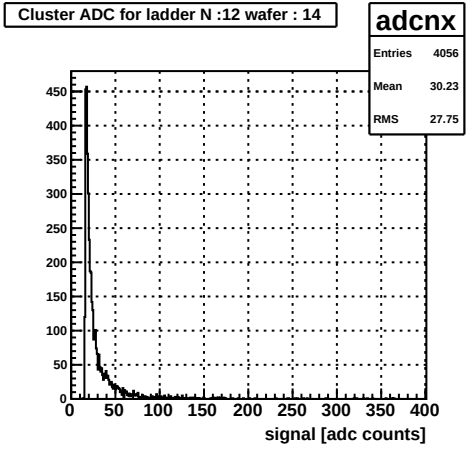

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 774
Mean 50.49
RMS 54.52
signal [adc counts]

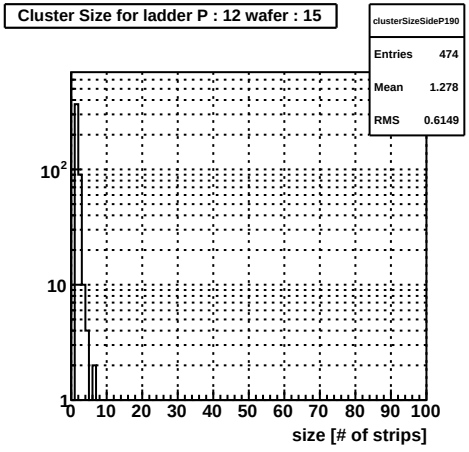

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1293
Mean 1.217
RMS 0.6089
size [# of strips]

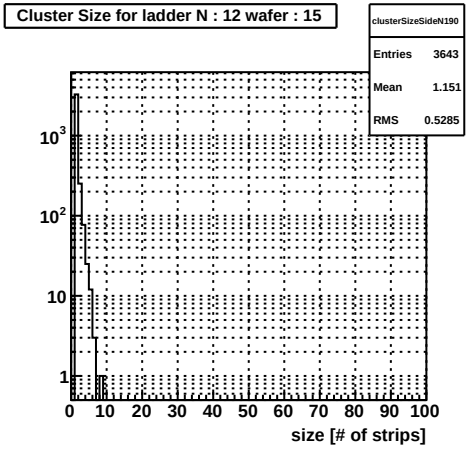

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4056
Mean 1.118
RMS 0.4078
size [# of strips]

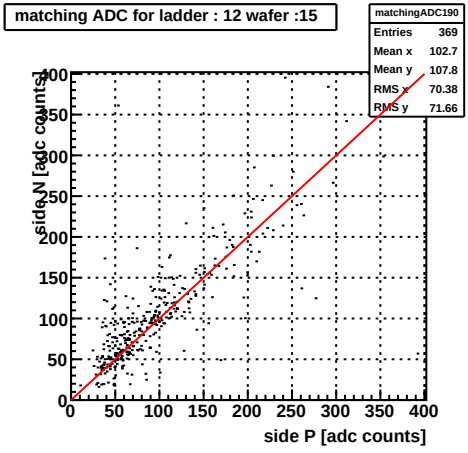

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 321
Mean x 60.54
Mean y 67.26
RMS x 55.74
RMS y 60
side N [adc counts]
side P [adc counts]

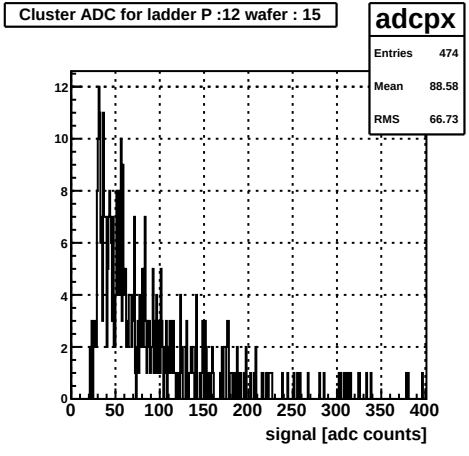

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1293
Mean 47.44
RMS 50.94
signal [adc counts]

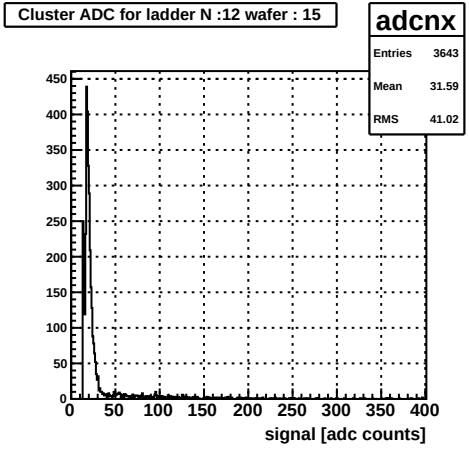

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4056
Mean 30.23
RMS 27.75
signal [adc counts]

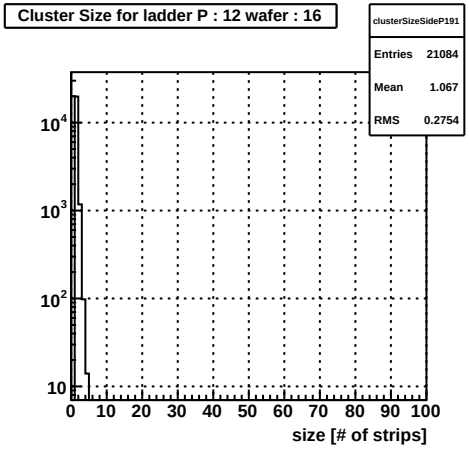

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 474
Mean 1.278
RMS 0.6149
size [# of strips]

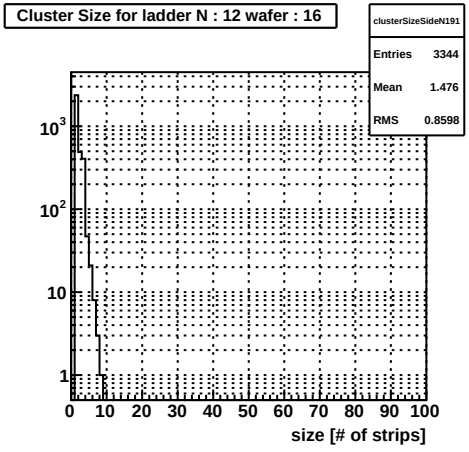

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3643
Mean 1.151
RMS 0.5285
size [# of strips]

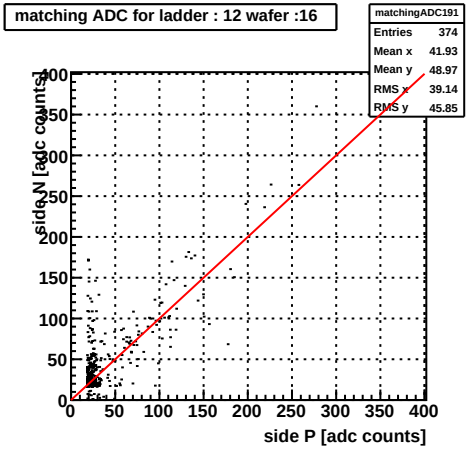

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 369
Mean x 102.7
Mean y 107.8
RMS x 70.38
RMS y 71.66
side N [adc counts]
side P [adc counts]

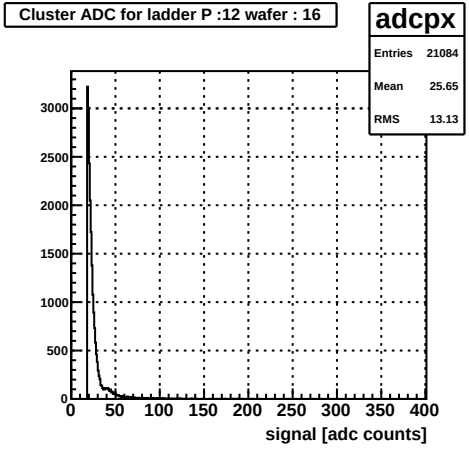

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 474
Mean 88.58
RMS 66.73
signal [adc counts]

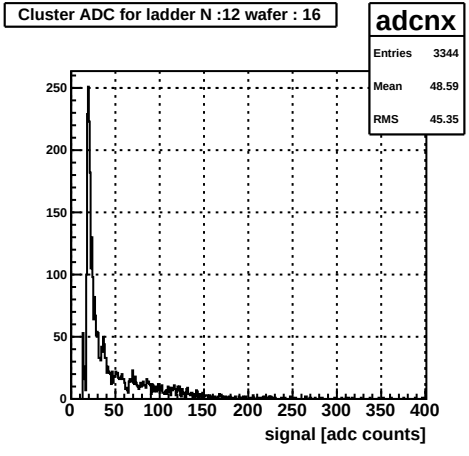

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3643
Mean 31.59
RMS 41.02
signal [adc counts]

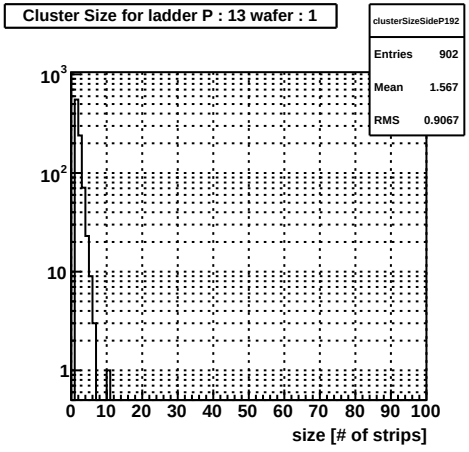

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 21084
Mean 1.067
RMS 0.2754
size [# of strips]

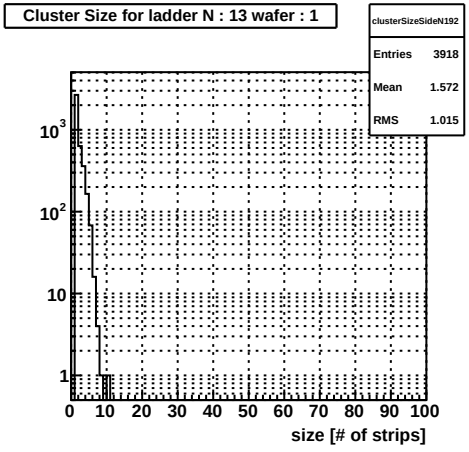

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3344
Mean 1.476
RMS 0.8598
size [# of strips]

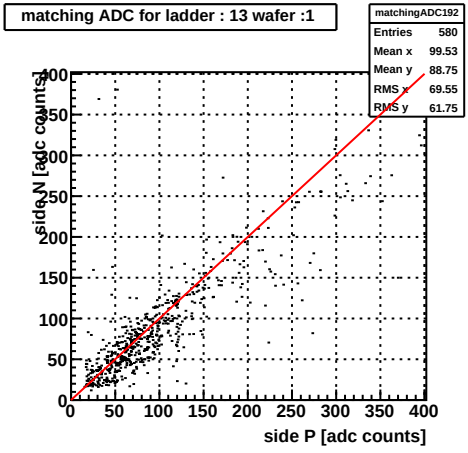

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 374
Mean x 41.93
Mean y 48.97
RMS x 39.14
RMS y 45.85
side N [adc counts]
side P [adc counts]

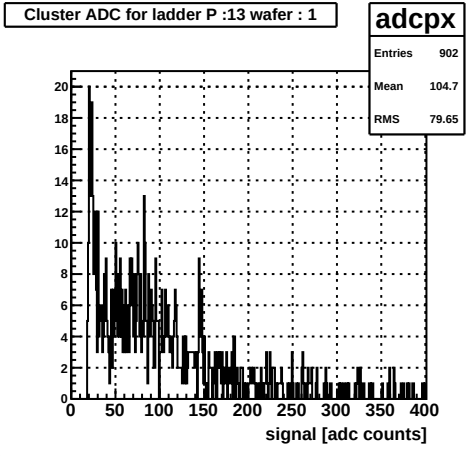

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 21084
Mean 25.65
RMS 13.13
signal [adc counts]

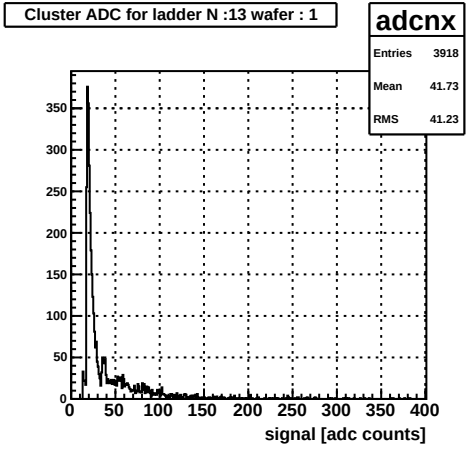

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3344
Mean 48.59
RMS 45.35
signal [adc counts]

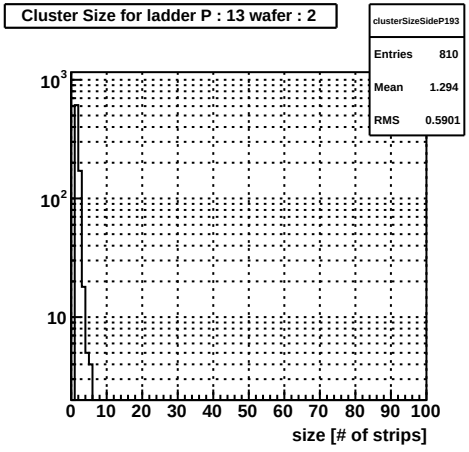

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 902
Mean 1.567
RMS 0.9067
size [# of strips]

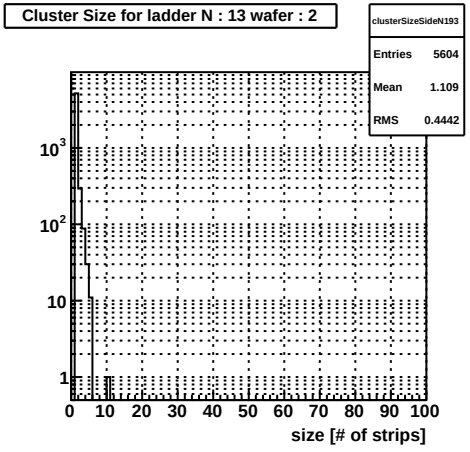

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3918
Mean 1.572
RMS 1.015
size [# of strips]

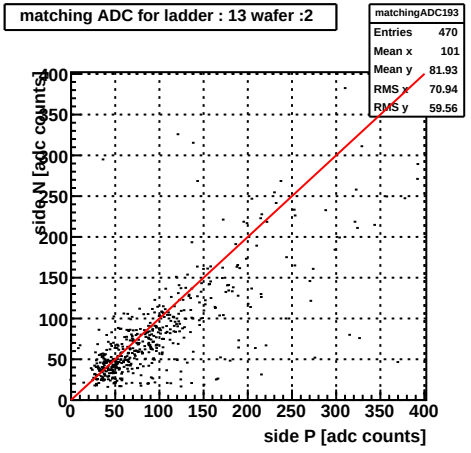

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 580
Mean x 99.53
Mean y 88.75
RMS x 69.55
RMS y 61.75
side N [adc counts]
side P [adc counts]

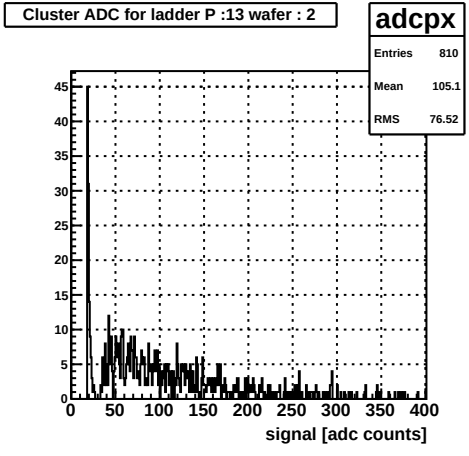

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 902
Mean 104.7
RMS 79.65
signal [adc counts]

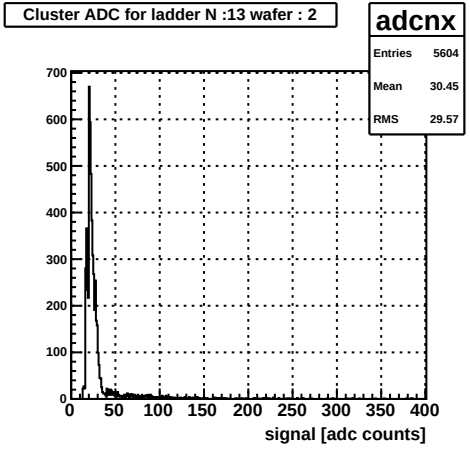

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3918
Mean 41.73
RMS 41.23
signal [adc counts]

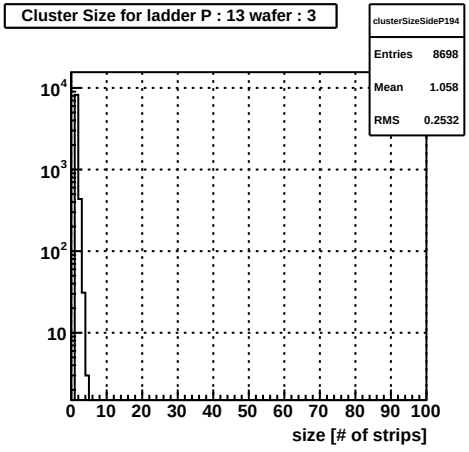

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 810
Mean 1.294
RMS 0.5901
size [# of strips]

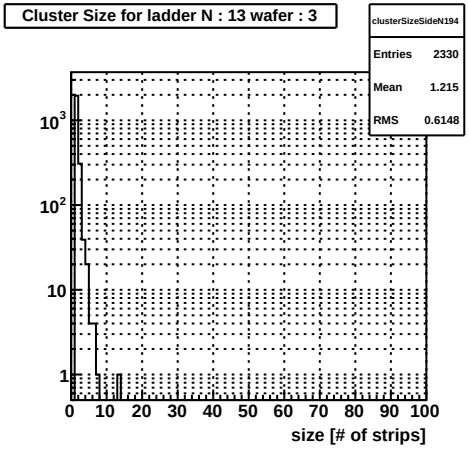

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 5604
Mean 1.109
RMS 0.4442
size [# of strips]

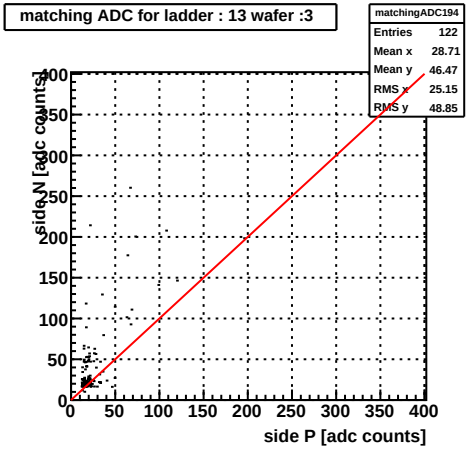

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 470
Mean x 101
Mean y 81.93
RMS x 70.94
RMS y 59.56
side N [adc counts]
side P [adc counts]

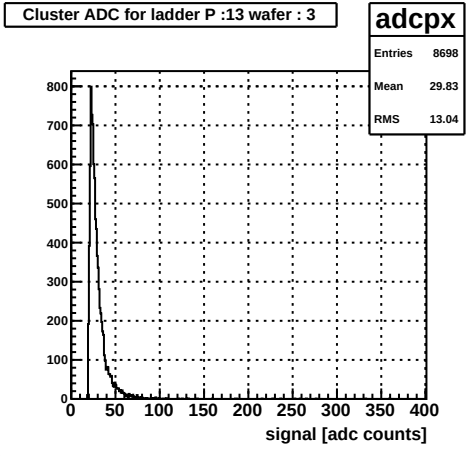

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 810
Mean 105.1
RMS 76.52
signal [adc counts]

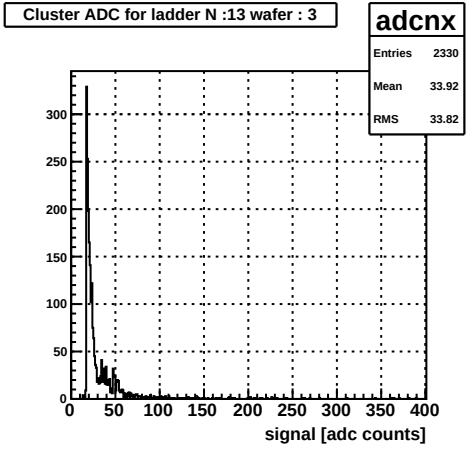

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 5604
Mean 30.45
RMS 29.57
signal [adc counts]

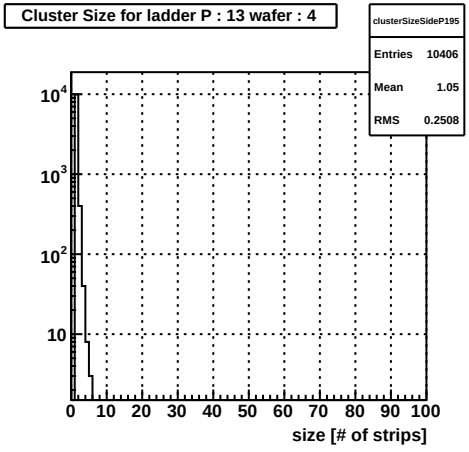

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8698
Mean 1.058
RMS 0.2532
size [# of strips]

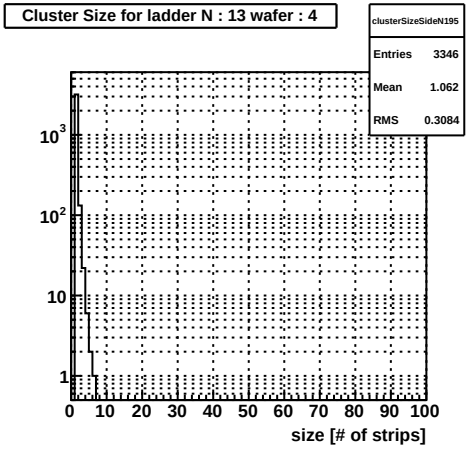

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2330
Mean 1.215
RMS 0.6148
size [# of strips]

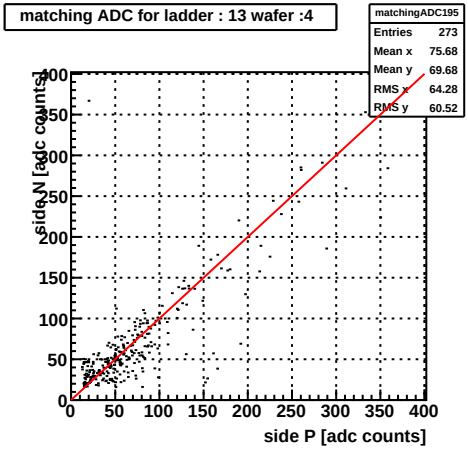

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 122
Mean x 28.71
Mean y 46.47
RMS x 25.15
RMS y 48.85
side N [adc counts]
side P [adc counts]

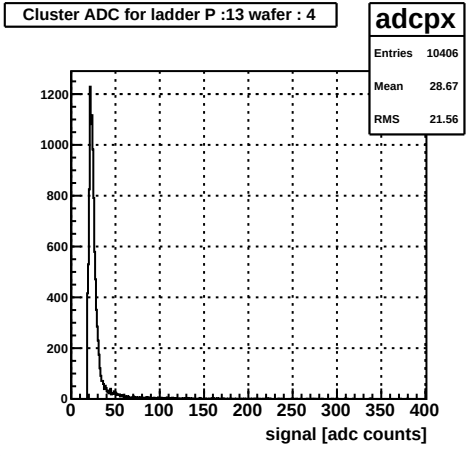

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8698
Mean 29.83
RMS 13.04
signal [adc counts]

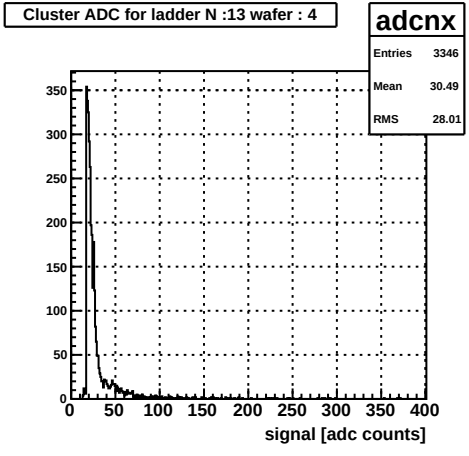

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2330
Mean 33.92
RMS 33.82
signal [adc counts]

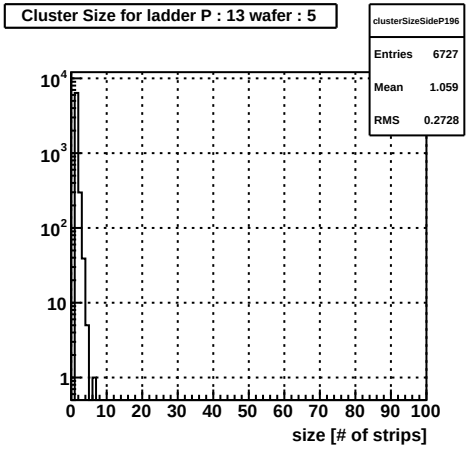

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10406
Mean 1.05
RMS 0.2508
size [# of strips]

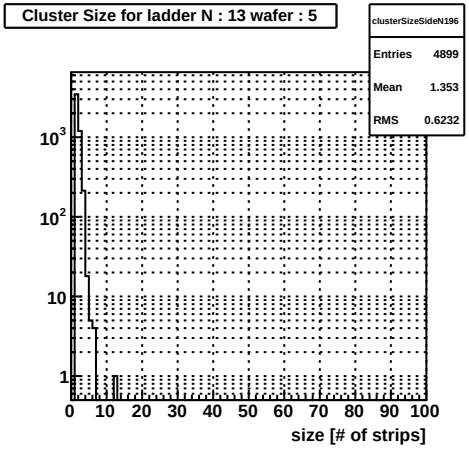

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3346
Mean 1.062
RMS 0.3084
size [# of strips]

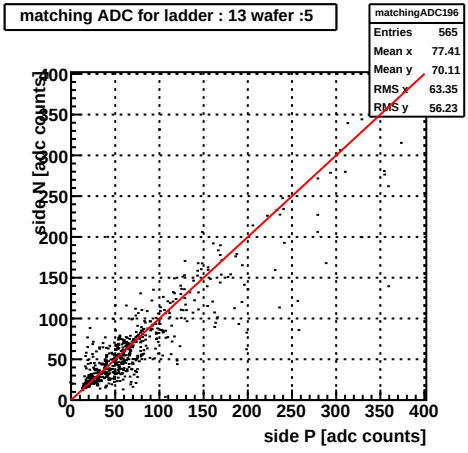

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 273
Mean x 75.68
Mean y 69.68
RMS x 64.28
RMS y 60.52
side N [adc counts]
side P [adc counts]

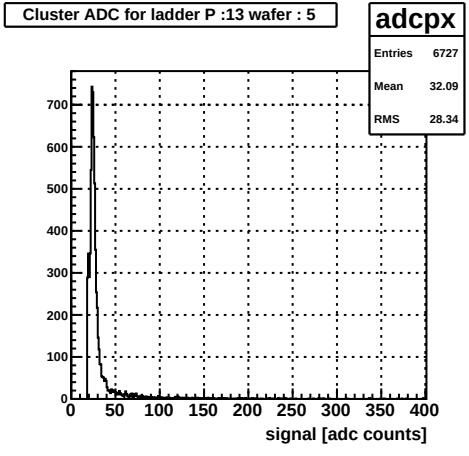

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10406
Mean 28.67
RMS 21.56
signal [adc counts]

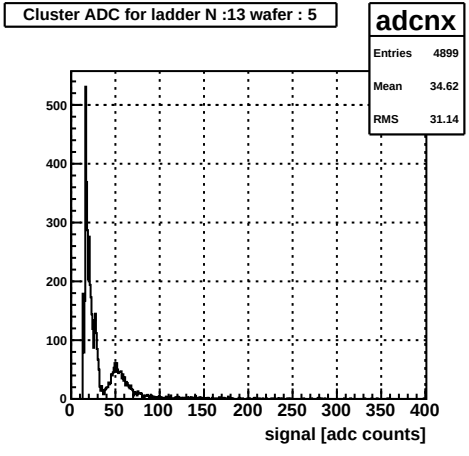

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3346
Mean 30.49
RMS 28.01
signal [adc counts]

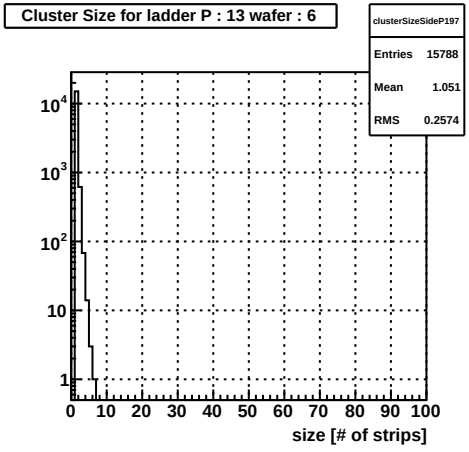

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6727
Mean 1.059
RMS 0.2728
size [# of strips]

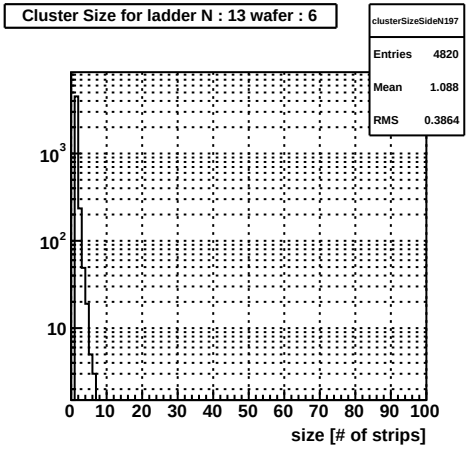

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4899
Mean 1.353
RMS 0.6232
size [# of strips]

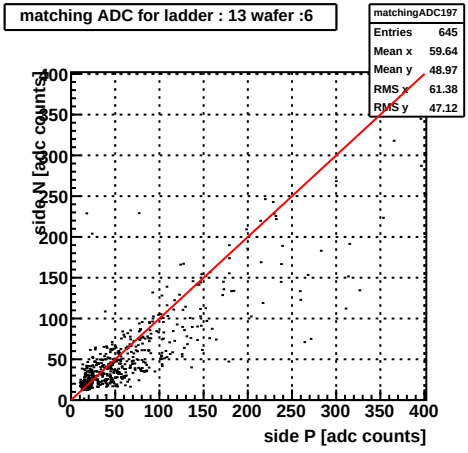

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 565
Mean x 77.41
Mean y 70.11
RMS x 63.35
RMS y 56.23
side N [adc counts]
side P [adc counts]

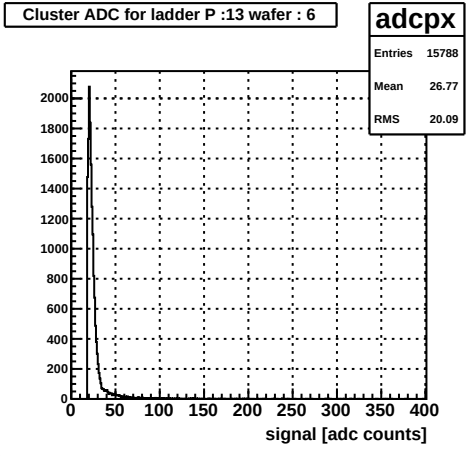

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6727
Mean 32.09
RMS 28.34
signal [adc counts]

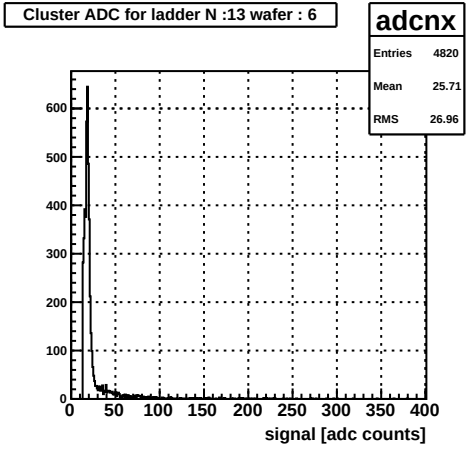

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4899
Mean 34.62
RMS 31.14
signal [adc counts]

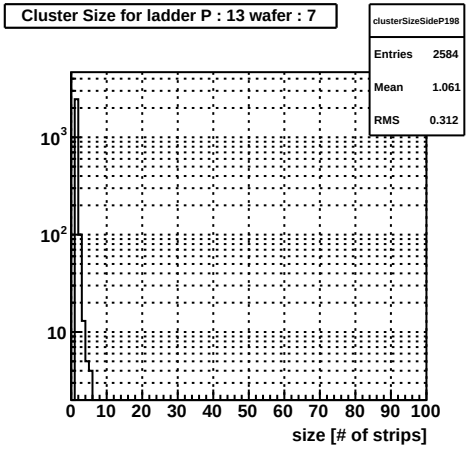

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15788
Mean 1.051
RMS 0.2574
size [# of strips]

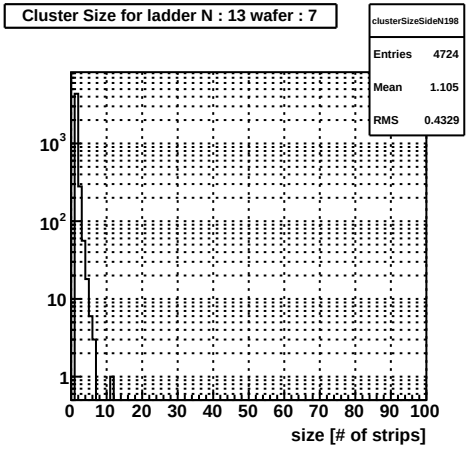

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 4820
Mean 1.088
RMS 0.3864
size [# of strips]

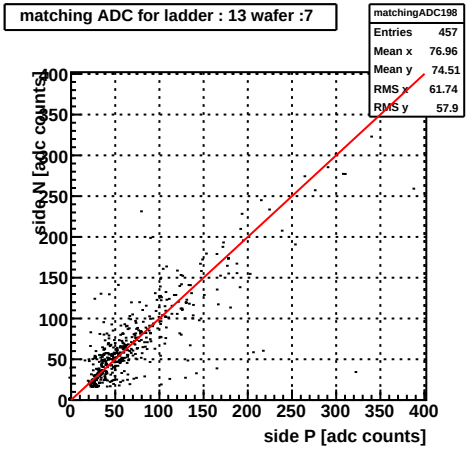

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 645
Mean x 59.64
Mean y 48.97
RMS x 61.38
RMS y 47.12
side N [adc counts]
side P [adc counts]

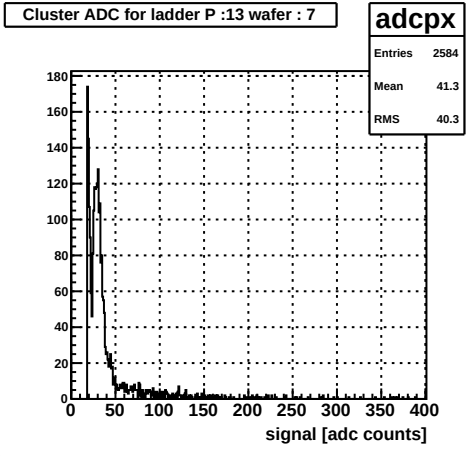

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15788
Mean 26.77
RMS 20.09
signal [adc counts]

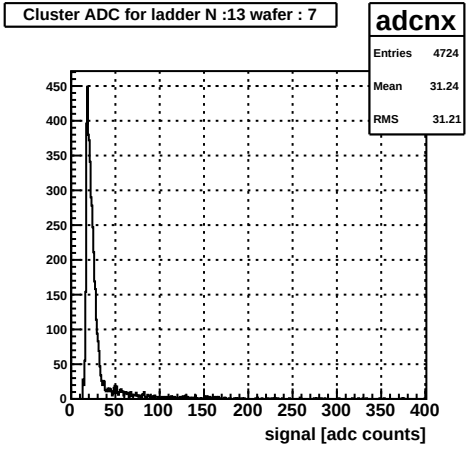

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 4820
Mean 25.71
RMS 26.96
signal [adc counts]

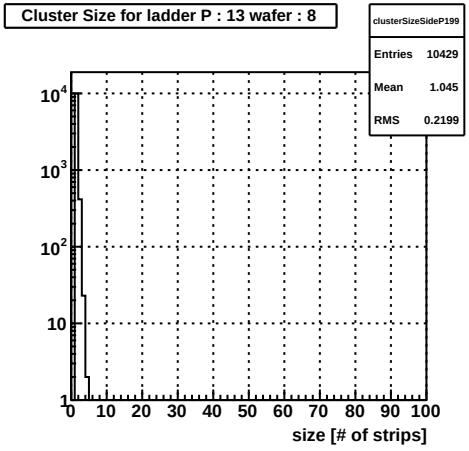

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2584
Mean 1.061
RMS 0.312
size [# of strips]

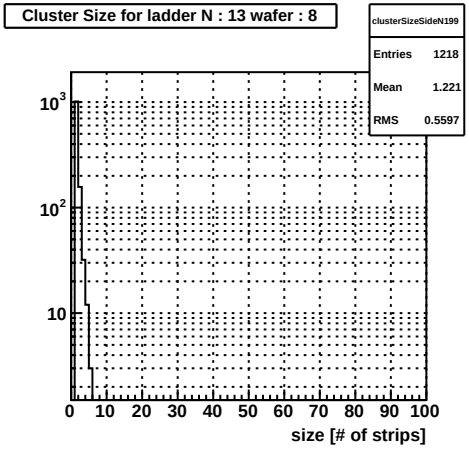

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4724
Mean 1.105
RMS 0.4329
size [# of strips]

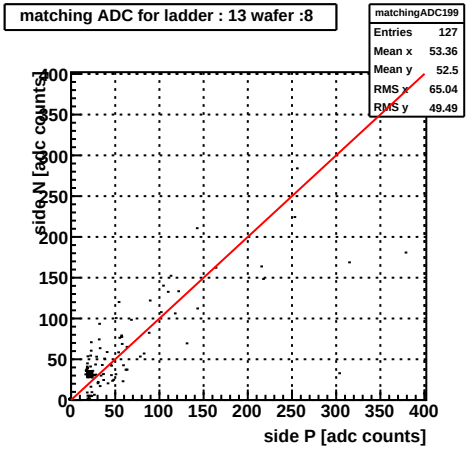

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 457
Mean x 76.96
Mean y 74.51
RMS x 61.74
RMS y 57.9
side N [adc counts]
side P [adc counts]

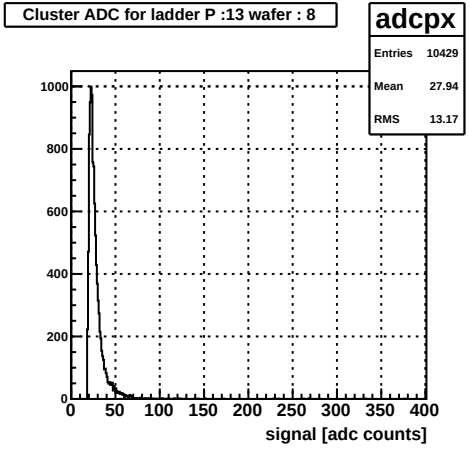

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2584
Mean 41.3
RMS 40.3
signal [adc counts]

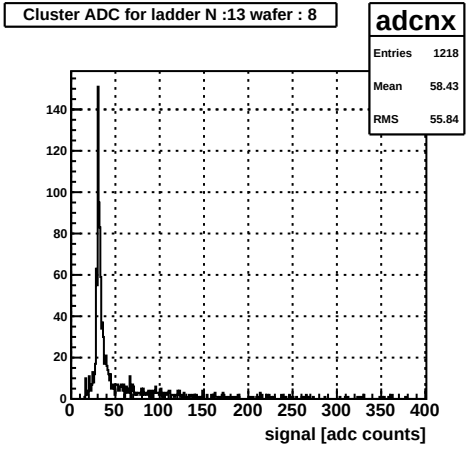

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4724
Mean 31.24
RMS 31.21
signal [adc counts]

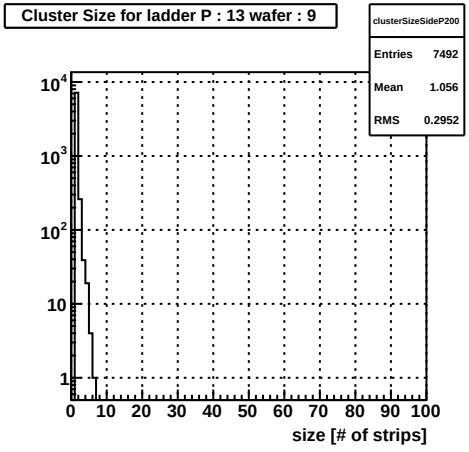

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 10429
Mean 1.045
RMS 0.2199
size [# of strips]

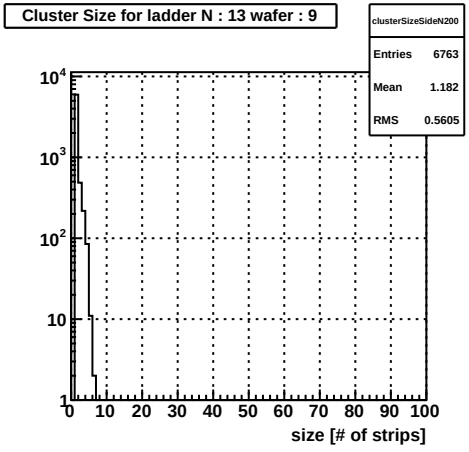

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1218
Mean 1.221
RMS 0.5597
size [# of strips]

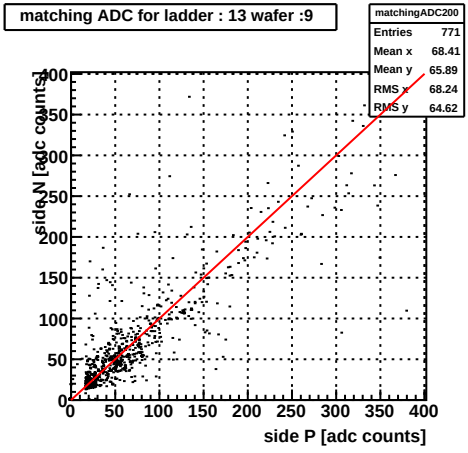

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 127
Mean x 53.36
Mean y 52.5
RMS x 65.04
RMS y 49.49
side N [adc counts]
side P [adc counts]

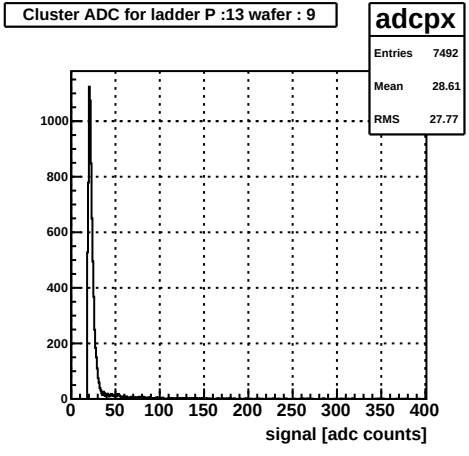

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 10429
Mean 27.94
RMS 13.17
signal [adc counts]

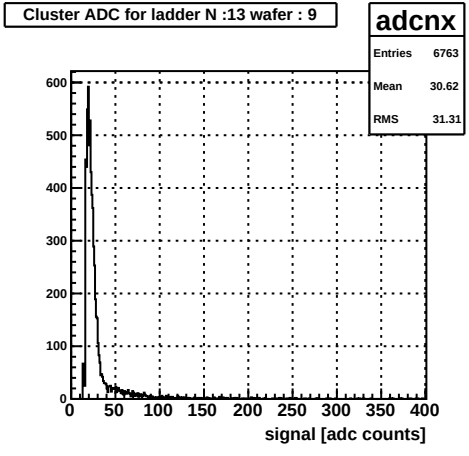

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1218
Mean 58.43
RMS 55.84
signal [adc counts]

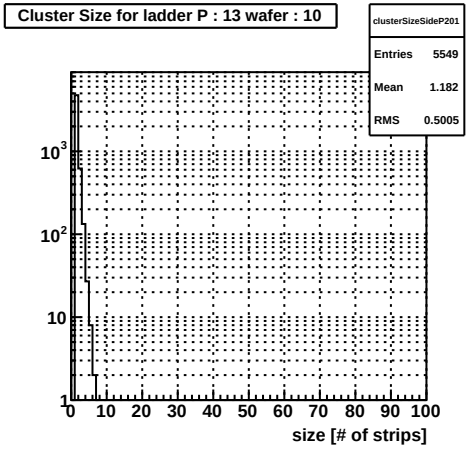

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7492
Mean 1.056
RMS 0.2952
size [# of strips]

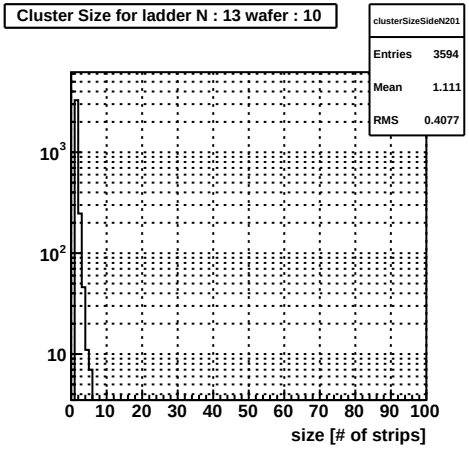

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6763
Mean 1.182
RMS 0.5605
size [# of strips]

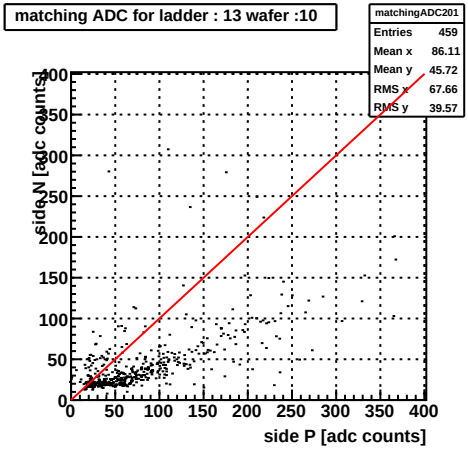

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 771
Mean x 68.41
Mean y 65.89
RMS x 68.24
RMS y 64.62
side N [adc counts]
side P [adc counts]

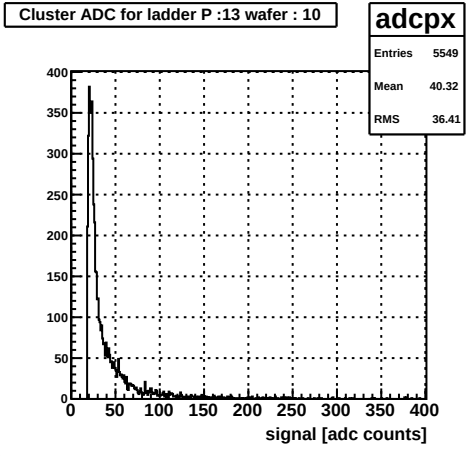

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7492
Mean 28.61
RMS 27.77
signal [adc counts]

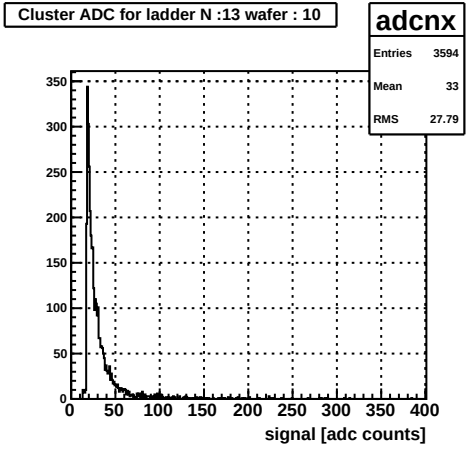

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6763
Mean 30.62
RMS 31.31
signal [adc counts]

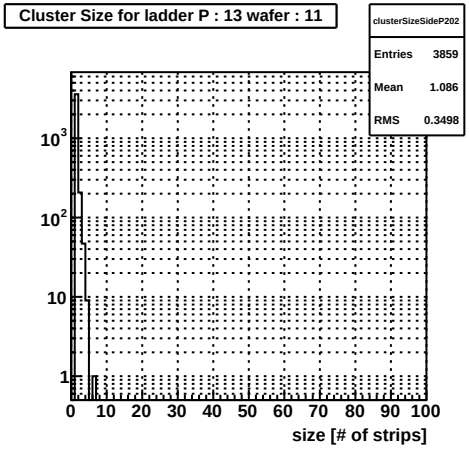

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5549
Mean 1.182
RMS 0.5005
size [# of strips]

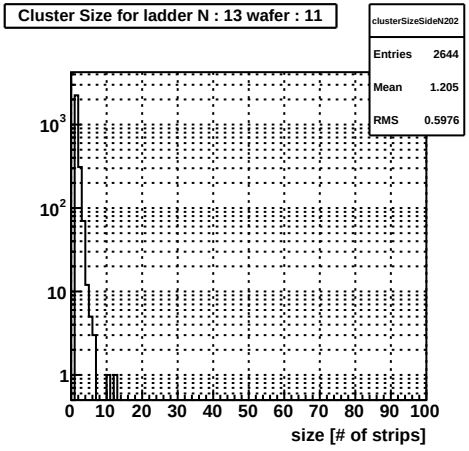

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3594
Mean 1.111
RMS 0.4077
size [# of strips]

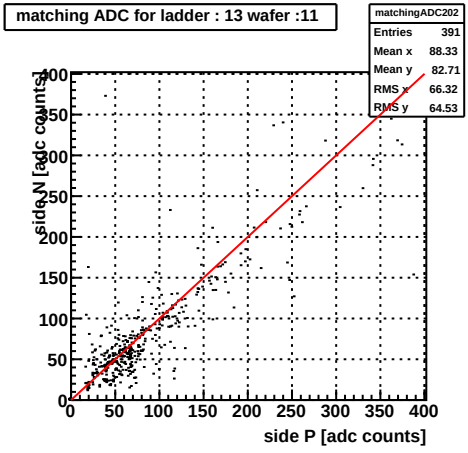

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 459
Mean x 86.11
Mean y 45.72
RMS x 67.66
RMS y 39.57
side N [adc counts]
side P [adc counts]

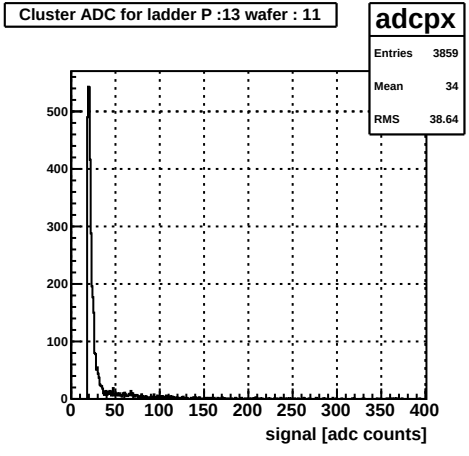

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5549
Mean 40.32
RMS 36.41
signal [adc counts]

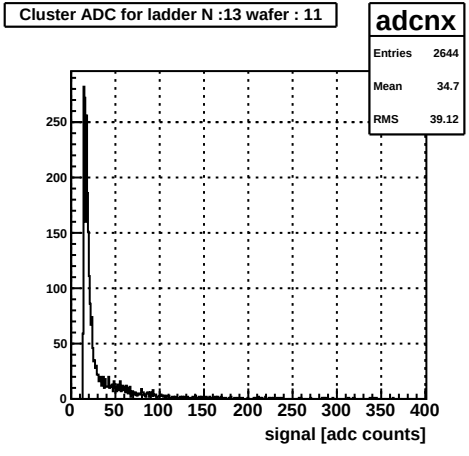

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3594
Mean 33
RMS 27.79
signal [adc counts]

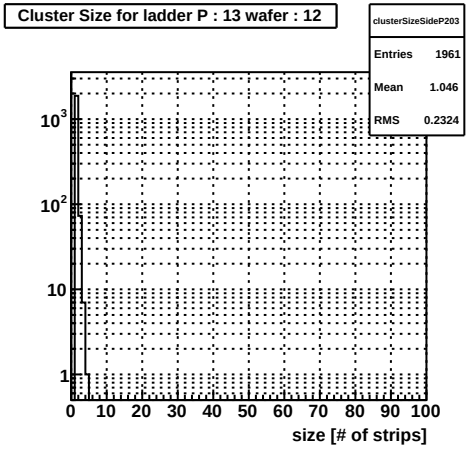

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3859
Mean 1.086
RMS 0.3498
size [# of strips]

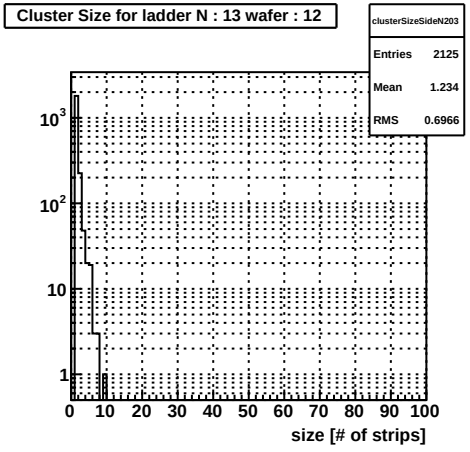

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2644
Mean 1.205
RMS 0.5976
size [# of strips]

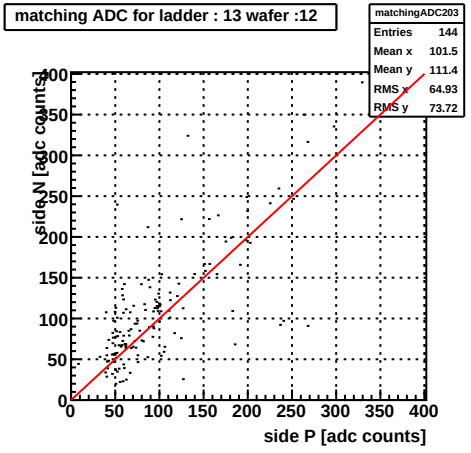

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 391
Mean x 88.33
Mean y 82.71
RMS x 66.32
RMS y 64.53
side N [adc counts]
side P [adc counts]

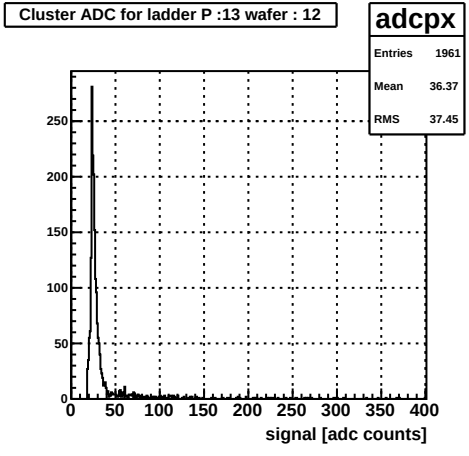

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3859
Mean 34
RMS 38.64
signal [adc counts]

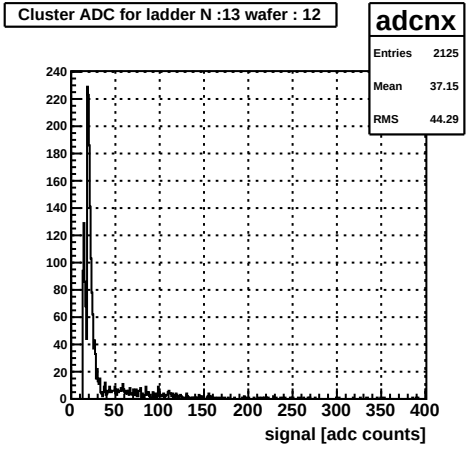

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2644
Mean 34.7
RMS 39.12
signal [adc counts]

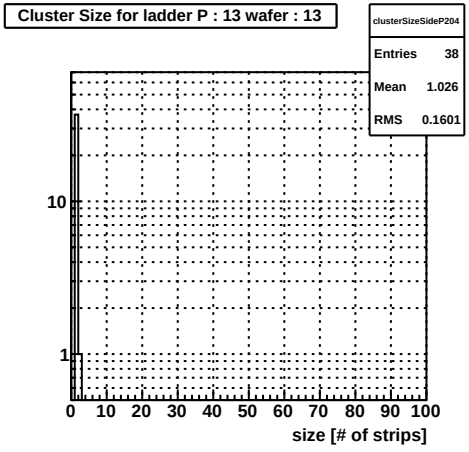

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1961
Mean 1.046
RMS 0.2324
size [# of strips]

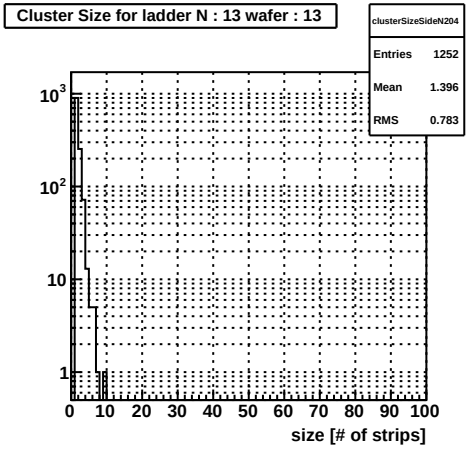

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2125
Mean 1.234
RMS 0.6966
size [# of strips]

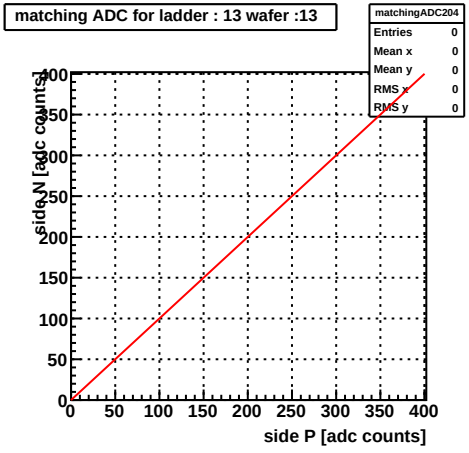

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 144
Mean x 101.5
Mean y 111.4
RMS x 64.93
RMS y 73.72
side N [adc counts]
side P [adc counts]

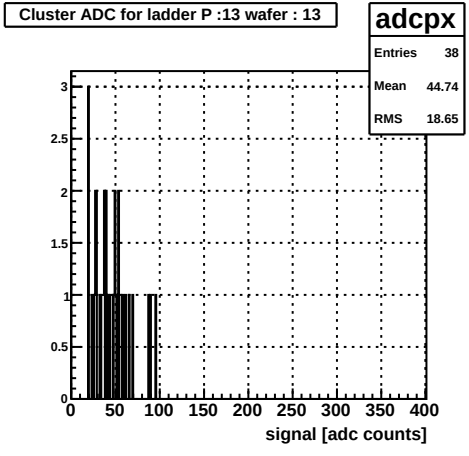

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1961
Mean 36.37
RMS 37.45
signal [adc counts]

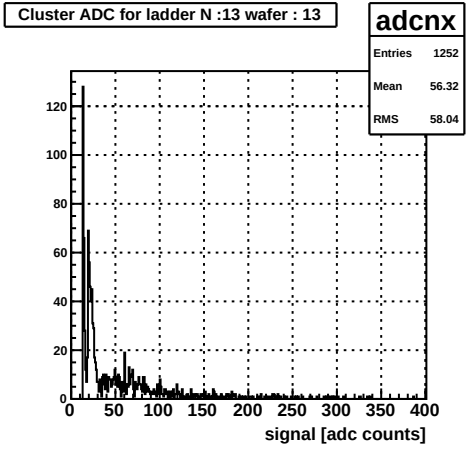

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2125
Mean 37.15
RMS 44.29
signal [adc counts]

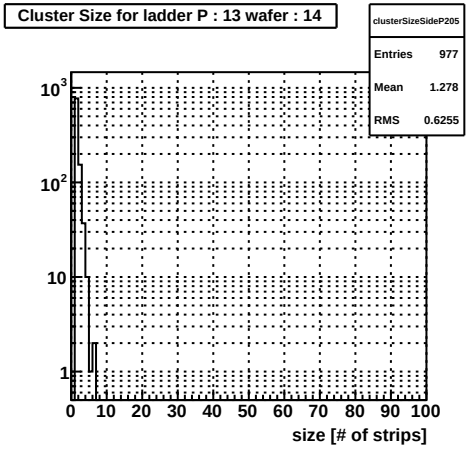

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 38
Mean 1.026
RMS 0.1601
size [# of strips]

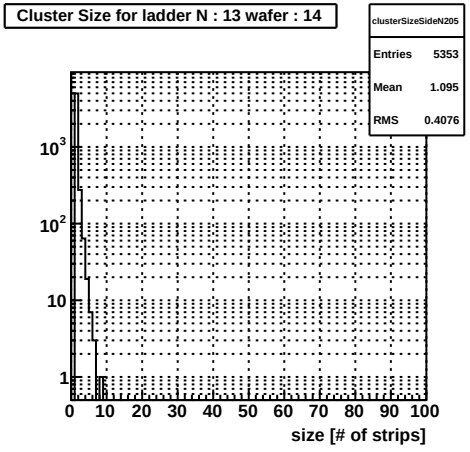

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1252
Mean 1.396
RMS 0.783
size [# of strips]

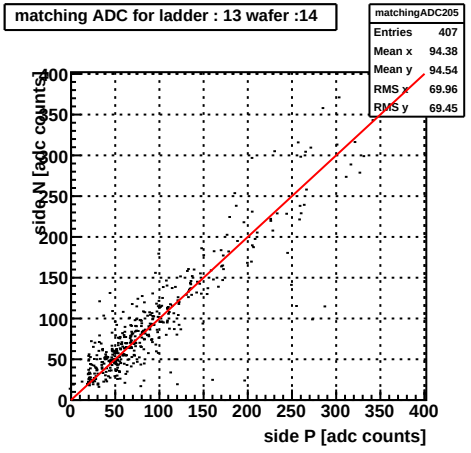

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

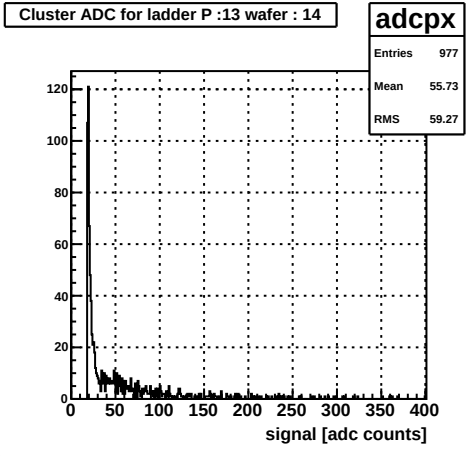

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 38
Mean 44.74
RMS 18.65
signal [adc counts]

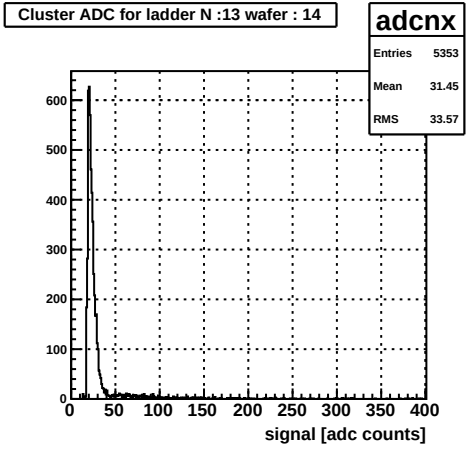

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1252
Mean 56.32
RMS 58.04
signal [adc counts]

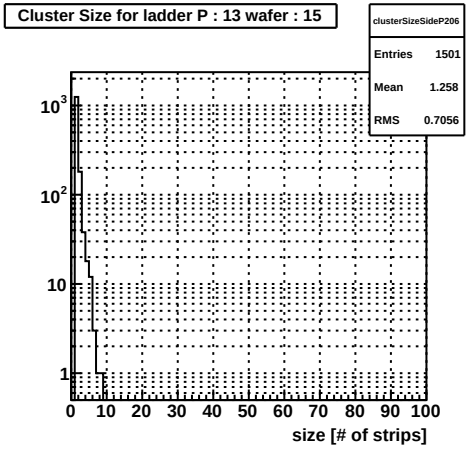

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 977
Mean 1.278
RMS 0.6255
size [# of strips]

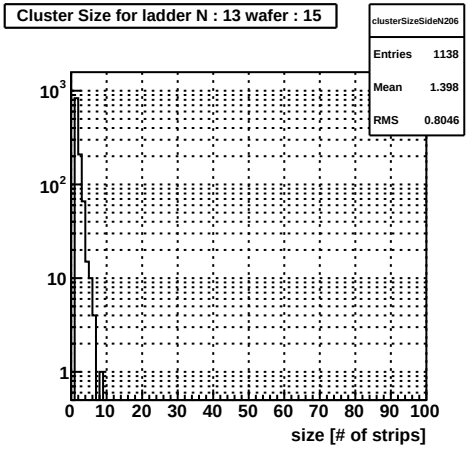

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5353
Mean 1.095
RMS 0.4076
size [# of strips]

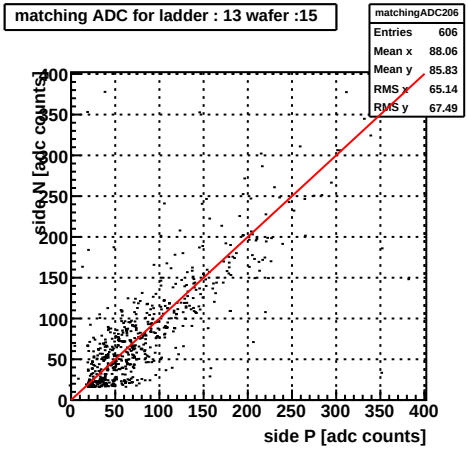

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 407
Mean x 94.38
Mean y 94.54
RMS x 69.96
RMS y 69.45
side N [adc counts]
side P [adc counts]

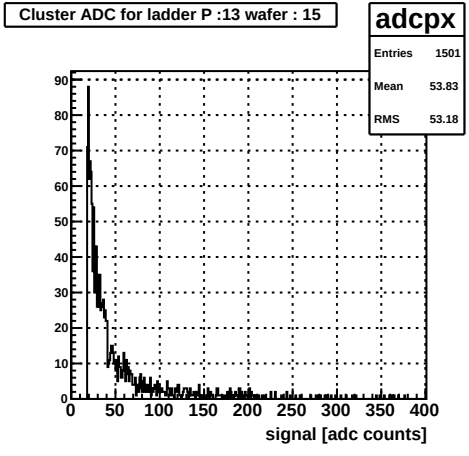

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 977
Mean 55.73
RMS 59.27
signal [adc counts]

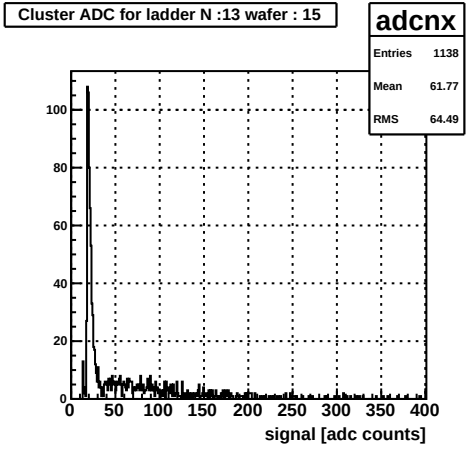

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5353
Mean 31.45
RMS 33.57
signal [adc counts]

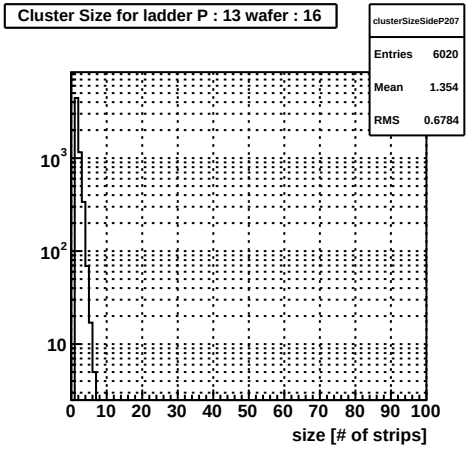

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1501
Mean 1.258
RMS 0.7056
size [# of strips]

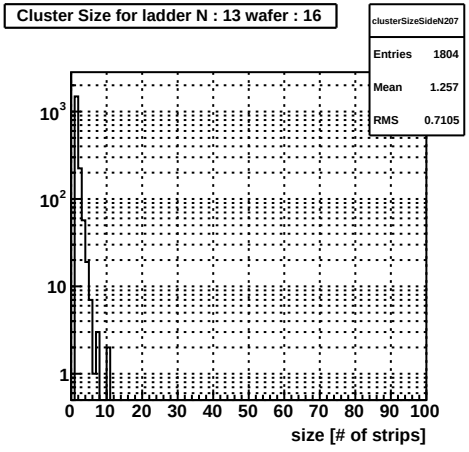

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1138
Mean 1.398
RMS 0.8046
size [# of strips]

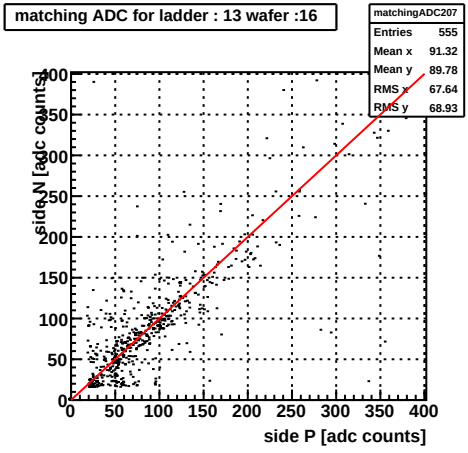

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 606
Mean x 88.06
Mean y 85.83
RMS x 65.14
RMS y 67.49
side N [adc counts]
side P [adc counts]

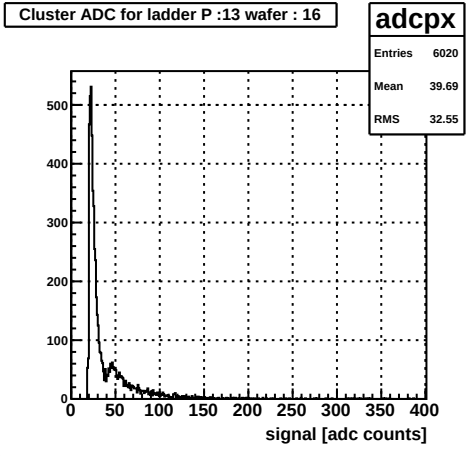

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1501
Mean 53.83
RMS 53.18
signal [adc counts]

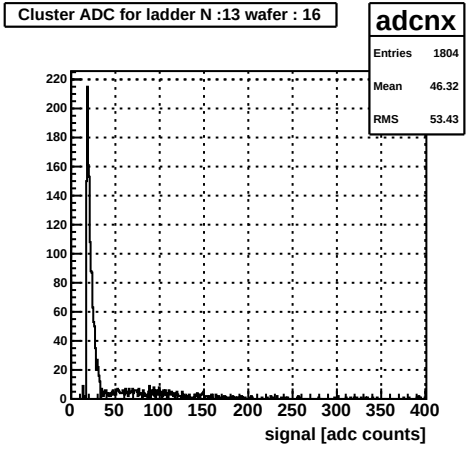

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1138
Mean 61.77
RMS 64.49
signal [adc counts]

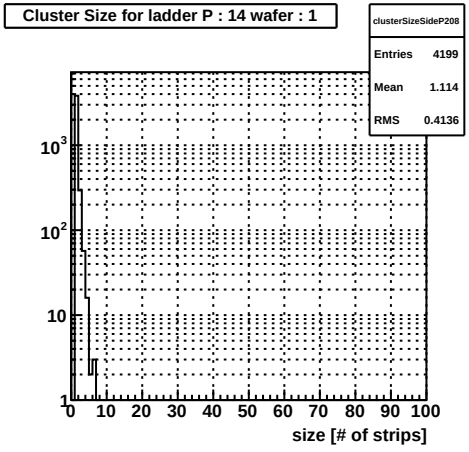

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 6020
Mean 1.354
RMS 0.6784
size [# of strips]

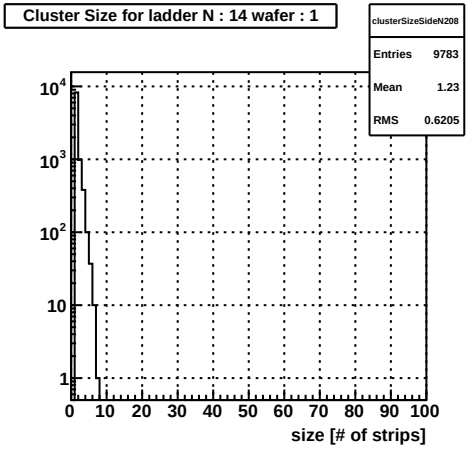

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1804
Mean 1.257
RMS 0.7105
size [# of strips]

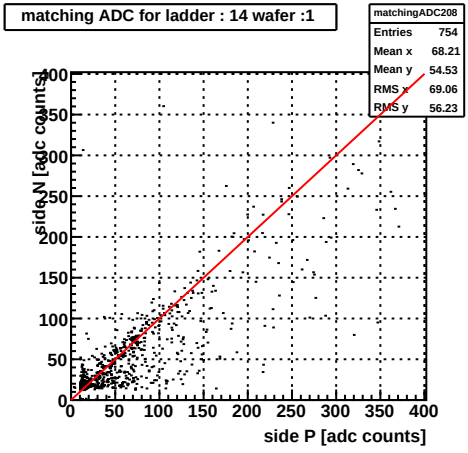

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 555
Mean x 91.32
Mean y 89.78
RMS x 67.64
RMS y 68.93
side N [adc counts]
side P [adc counts]

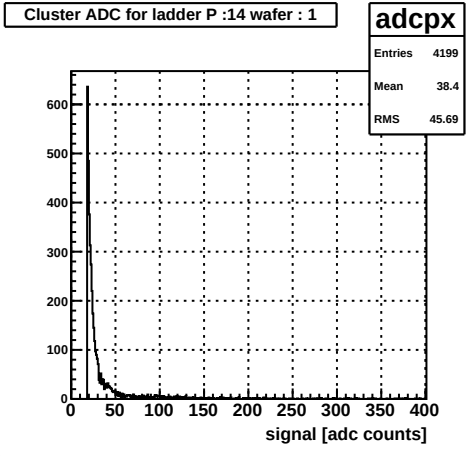

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 6020
Mean 39.69
RMS 32.55
signal [adc counts]

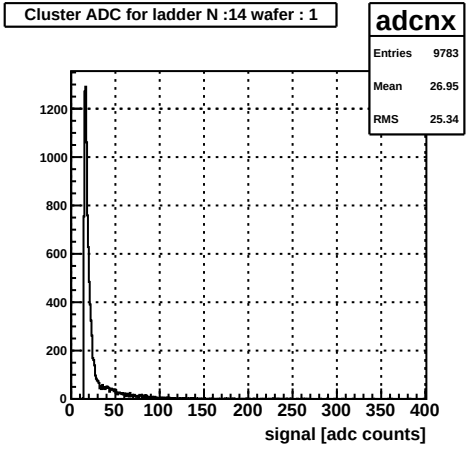

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1804
Mean 46.32
RMS 53.43
signal [adc counts]

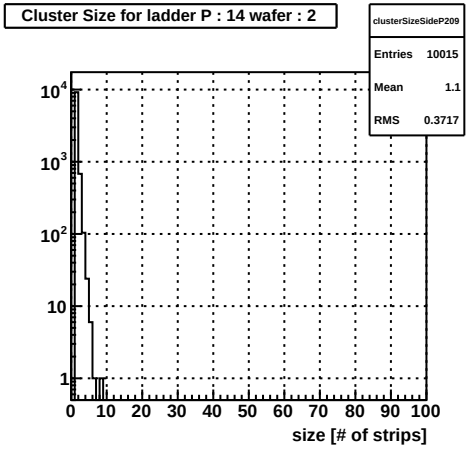

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4199
Mean 1.114
RMS 0.4136
size [# of strips]

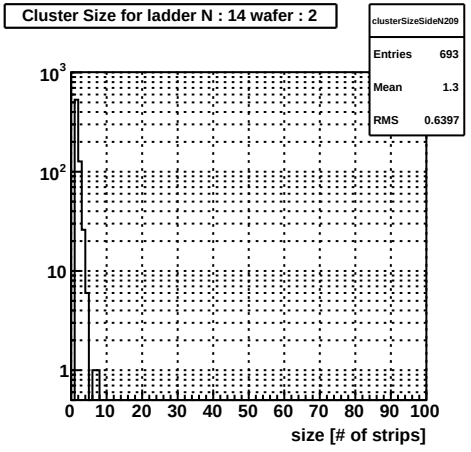

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 9783
Mean 1.23
RMS 0.6205
size [# of strips]

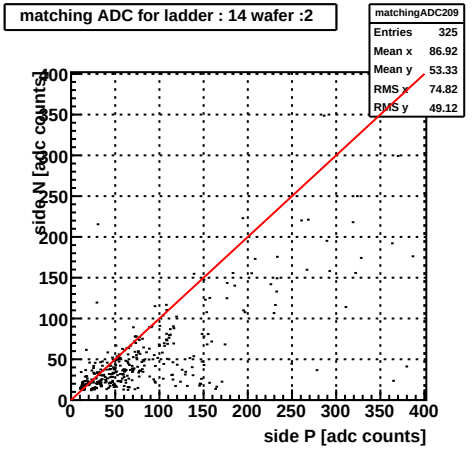

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 754
Mean x 68.21
Mean y 54.53
RMS x 69.06
RMS y 56.23
side N [adc counts]
side P [adc counts]

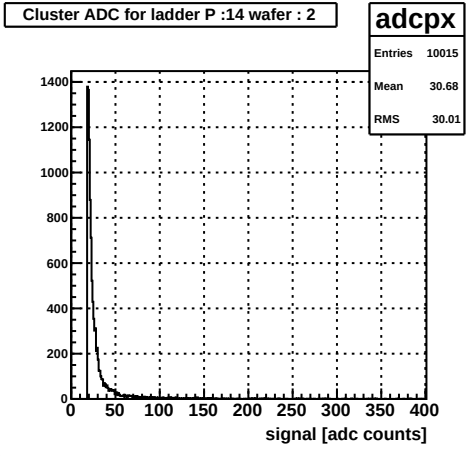

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4199
Mean 38.4
RMS 45.69
signal [adc counts]

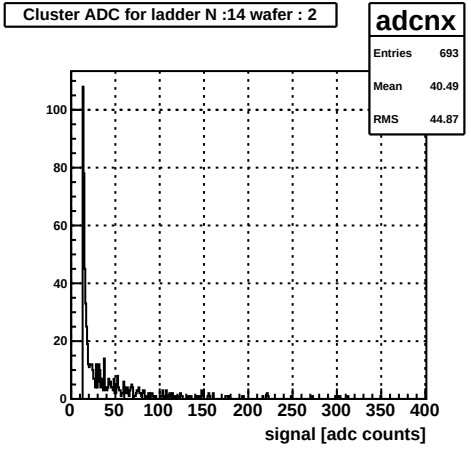

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 9783
Mean 26.95
RMS 25.34
signal [adc counts]

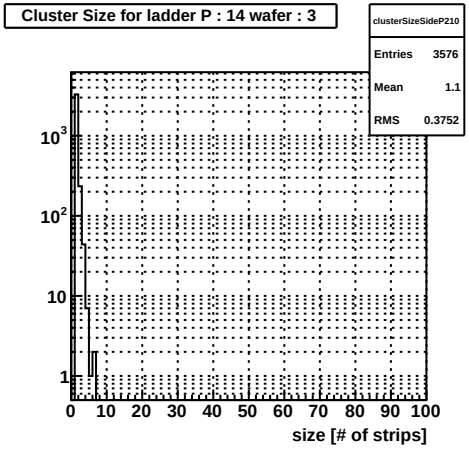

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 10015
Mean 1.1
RMS 0.3717
size [# of strips]

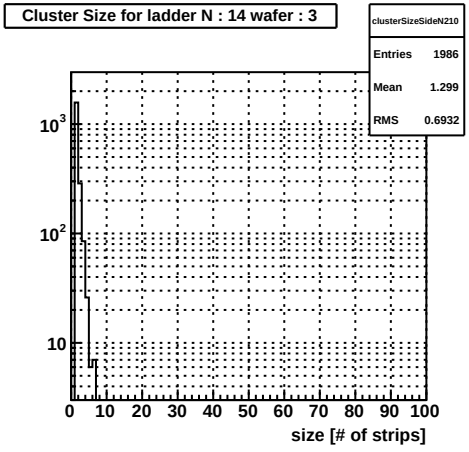

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 693
Mean 1.3
RMS 0.6397
size [# of strips]

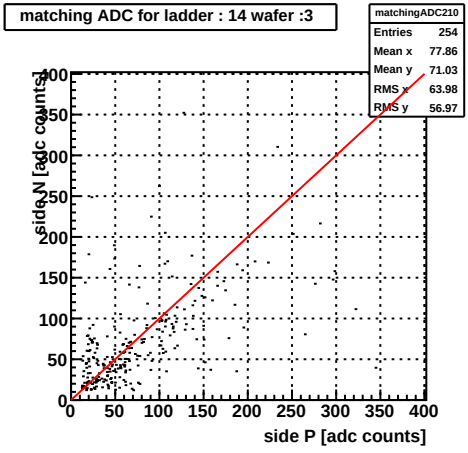

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 325
Mean x 86.92
Mean y 53.33
RMS x 74.82
RMS y 49.12
side N [adc counts]
side P [adc counts]

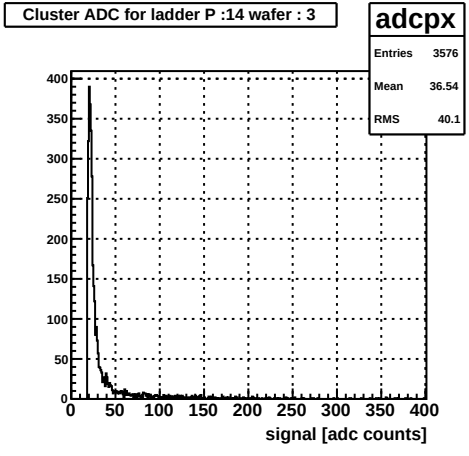

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 10015
Mean 30.68
RMS 30.01
signal [adc counts]

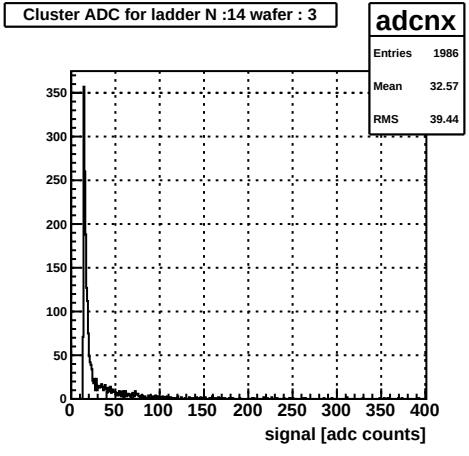

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 693
Mean 40.49
RMS 44.87
signal [adc counts]

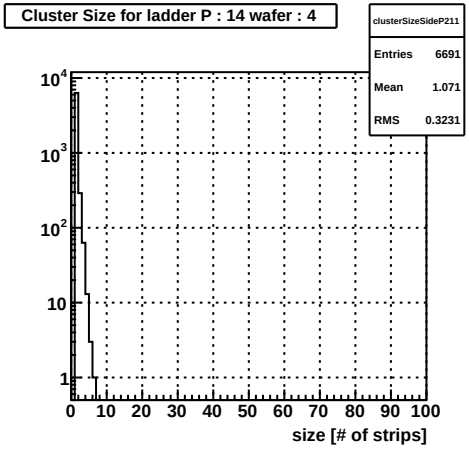

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3576
Mean 1.1
RMS 0.3752
size [# of strips]

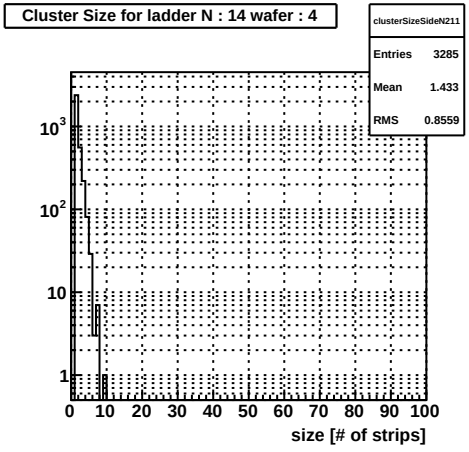

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1986
Mean 1.299
RMS 0.6932
size [# of strips]

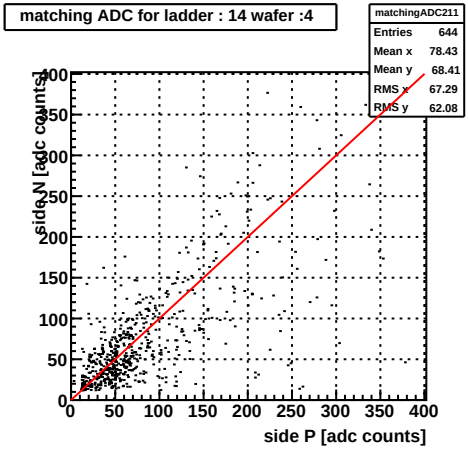

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 254
Mean x 77.86
Mean y 71.03
RMS x 63.98
RMS y 56.97
side N [adc counts]
side P [adc counts]

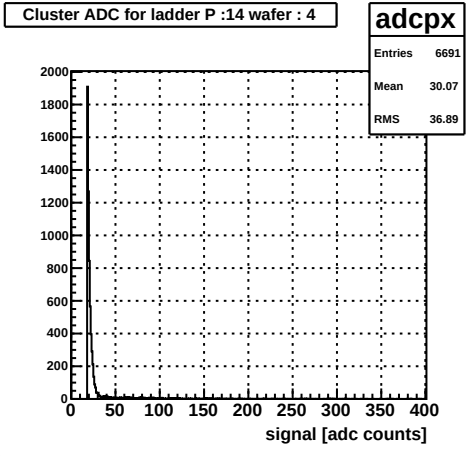

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3576
Mean 36.54
RMS 40.1
signal [adc counts]

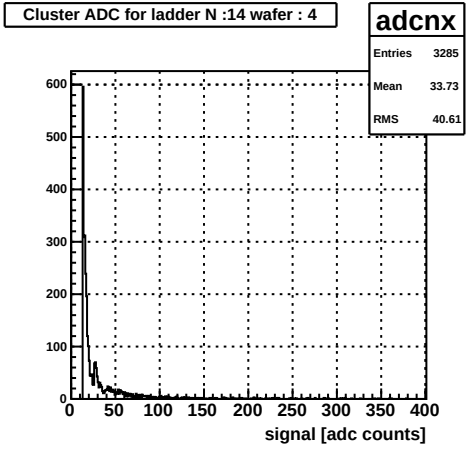

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1986
Mean 32.57
RMS 39.44
signal [adc counts]

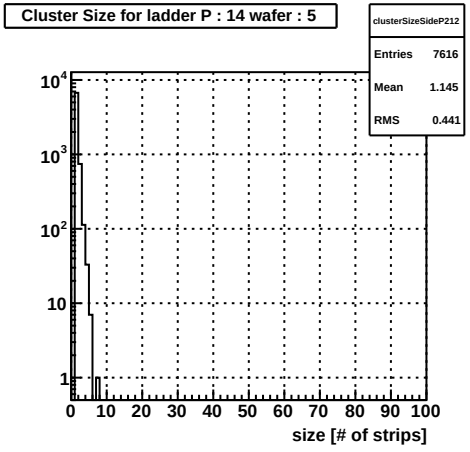

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6691
Mean 1.071
RMS 0.3231
size [# of strips]

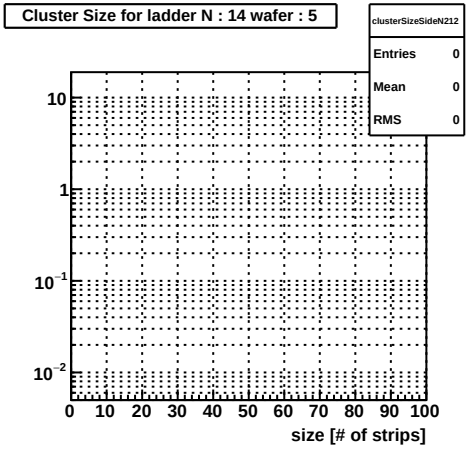

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3285
Mean 1.433
RMS 0.8559
size [# of strips]

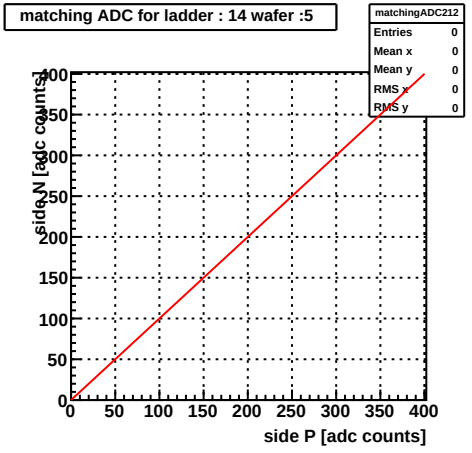

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 644
Mean x 78.43
Mean y 68.41
RMS x 67.29
RMS y 62.08
side N [adc counts]
side P [adc counts]

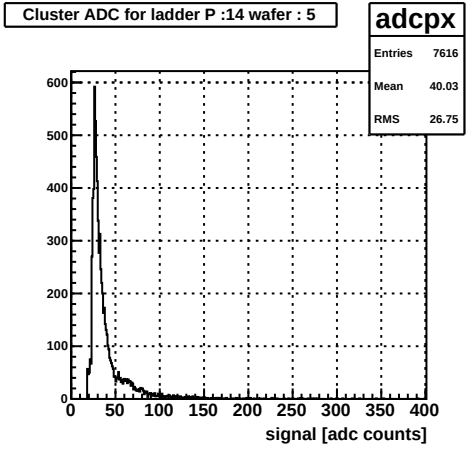

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6691
Mean 30.07
RMS 36.89
signal [adc counts]

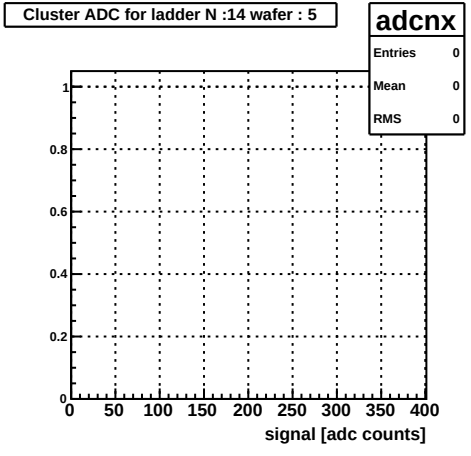

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3285
Mean 33.73
RMS 40.61
signal [adc counts]

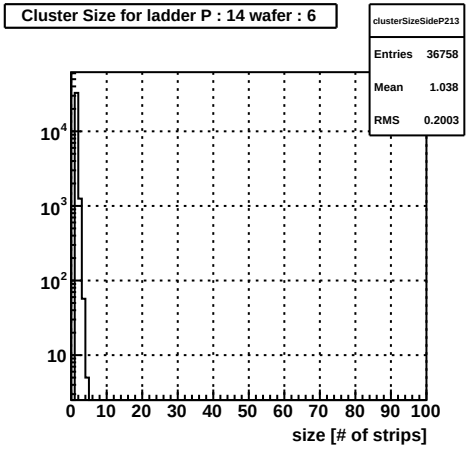

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7616
Mean 1.145
RMS 0.441
size [# of strips]

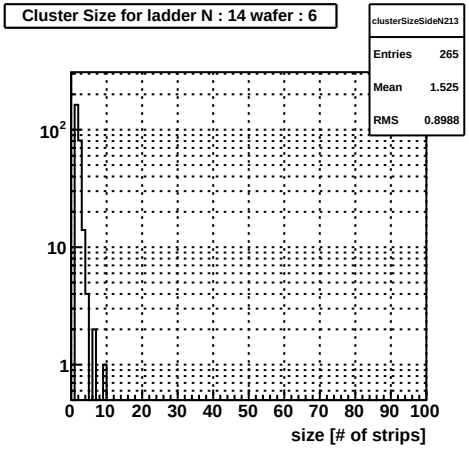

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

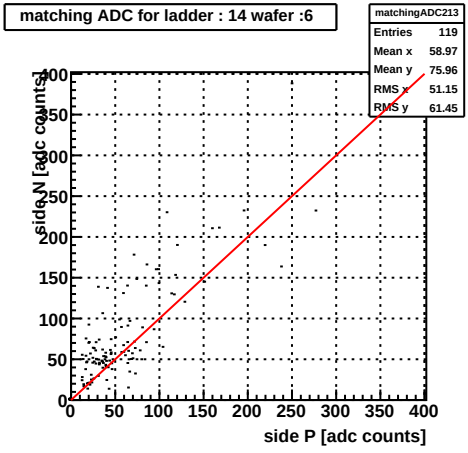

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

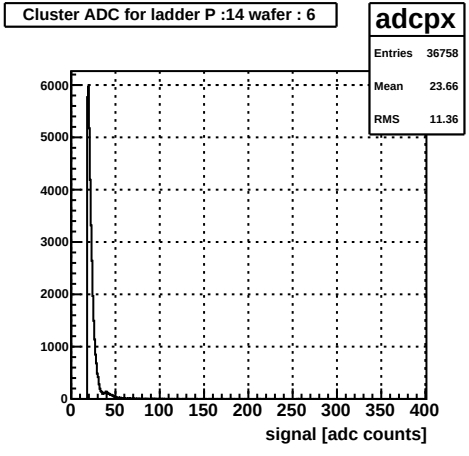

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7616
Mean 40.03
RMS 26.75
signal [adc counts]

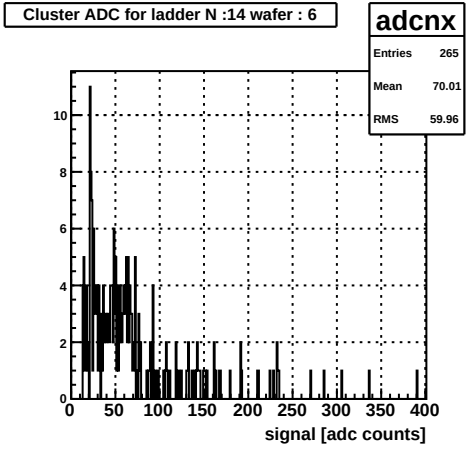

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

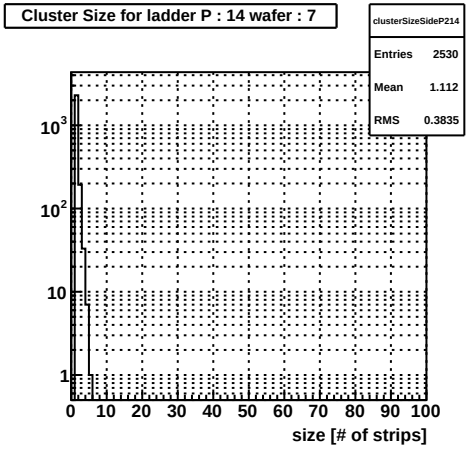

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 36758
Mean 1.038
RMS 0.2003
size [# of strips]

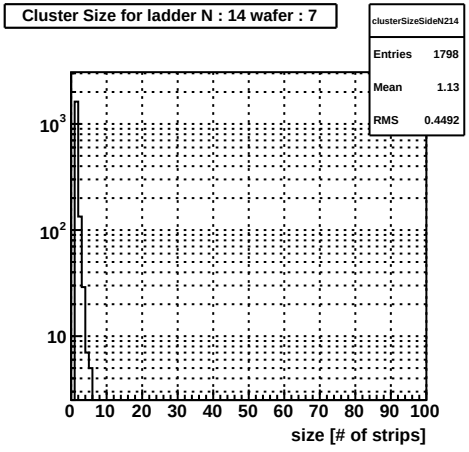

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 265
Mean 1.525
RMS 0.8988
size [# of strips]

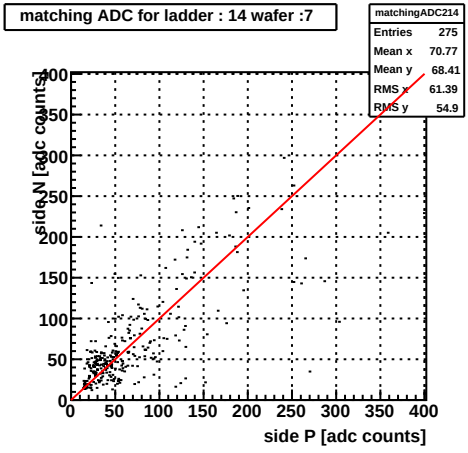

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 119
Mean x 58.97
Mean y 75.96
RMS x 51.15
RMS y 61.45
side N [adc counts]
side P [adc counts]

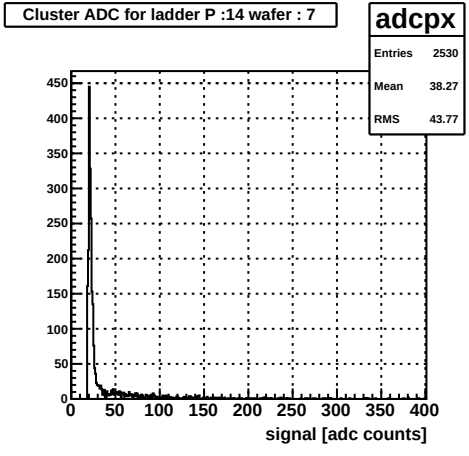

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 36758
Mean 23.66
RMS 11.36
signal [adc counts]

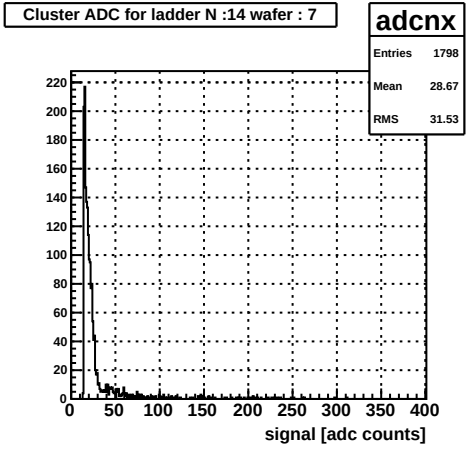

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 265
Mean 70.01
RMS 59.96
signal [adc counts]

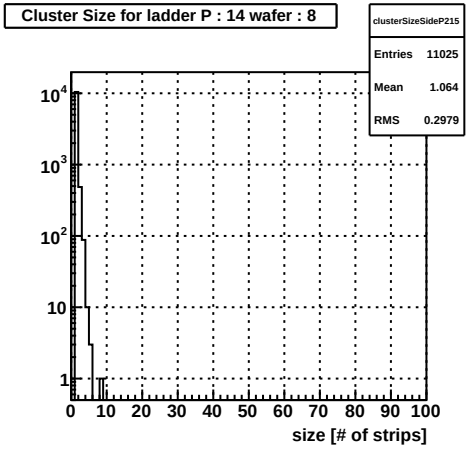

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2530
Mean 1.112
RMS 0.3835
size [# of strips]

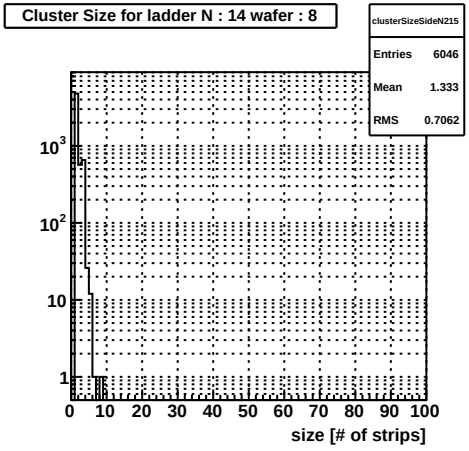

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1798
Mean 1.13
RMS 0.4492
size [# of strips]

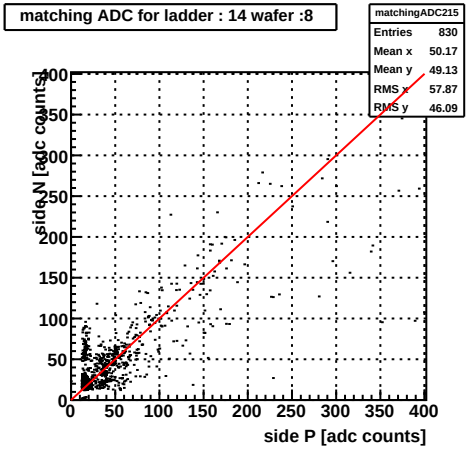

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 275
Mean x 70.77
Mean y 68.41
RMS x 61.39
RMS y 54.9
side N [adc counts]
side P [adc counts]

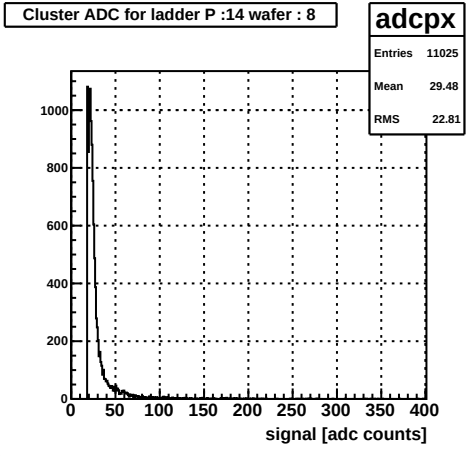

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2530
Mean 38.27
RMS 43.77
signal [adc counts]

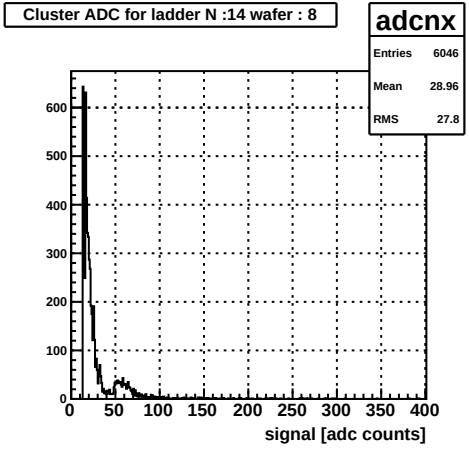

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1798
Mean 28.67
RMS 31.53
signal [adc counts]

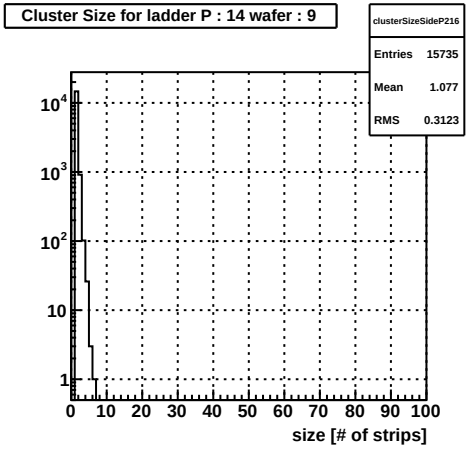

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 11025
Mean 1.064
RMS 0.2979
size [# of strips]

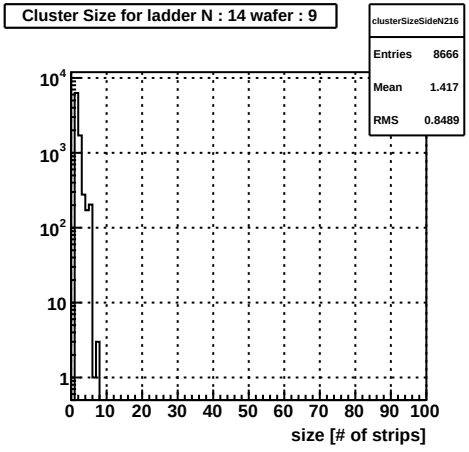

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6046
Mean 1.333
RMS 0.7062
size [# of strips]

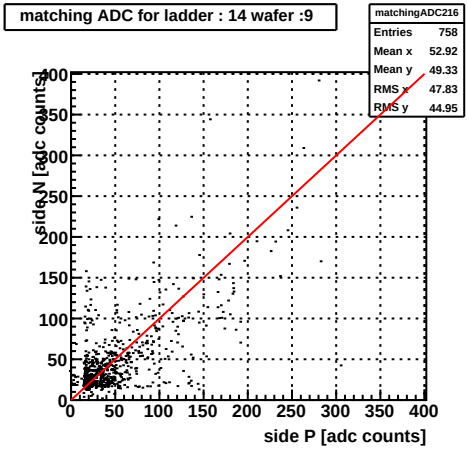

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 830
Mean x 50.17
Mean y 49.13
RMS x 57.87
RMS y 46.09
side N [adc counts]
side P [adc counts]

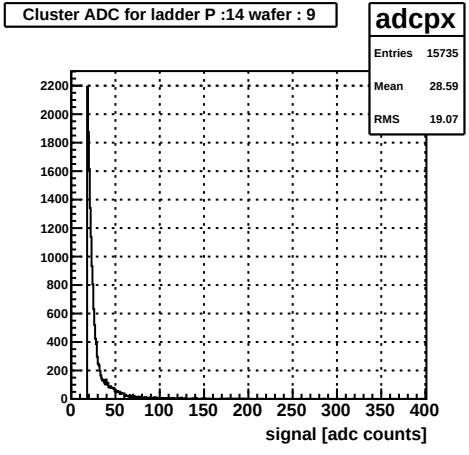

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 11025
Mean 29.48
RMS 22.81
signal [adc counts]

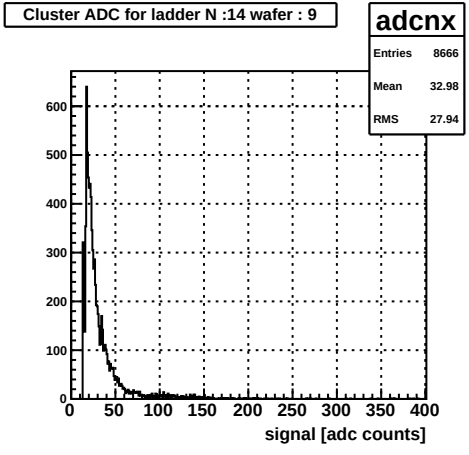

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6046
Mean 28.96
RMS 27.8
signal [adc counts]

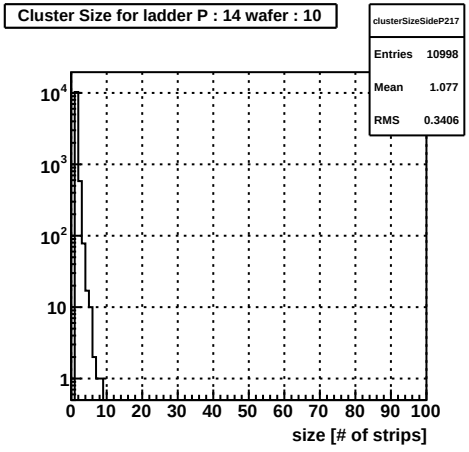

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 15735
Mean 1.077
RMS 0.3123
size [# of strips]

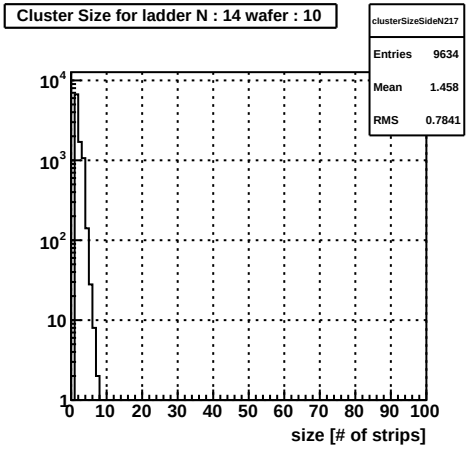

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 8666
Mean 1.417
RMS 0.8489
size [# of strips]

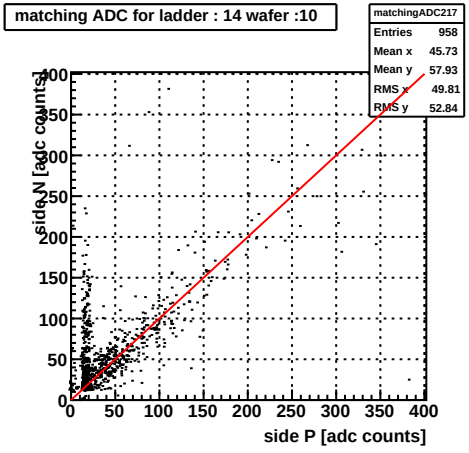

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 758
Mean x 52.92
Mean y 49.33
RMS x 47.83
RMS y 44.95
side N [adc counts]
side P [adc counts]

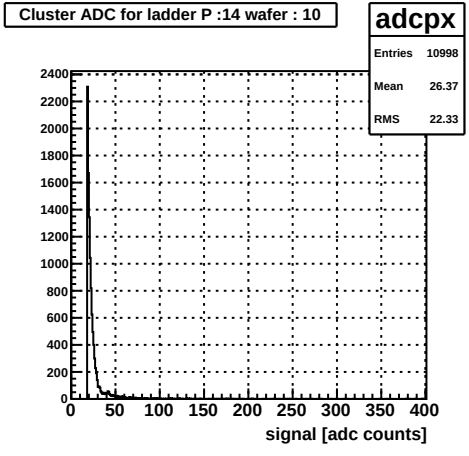

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 15735
Mean 28.59
RMS 19.07
signal [adc counts]

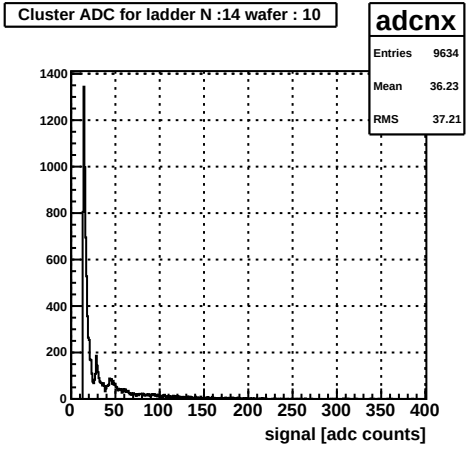

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 8666
Mean 32.98
RMS 27.94
signal [adc counts]

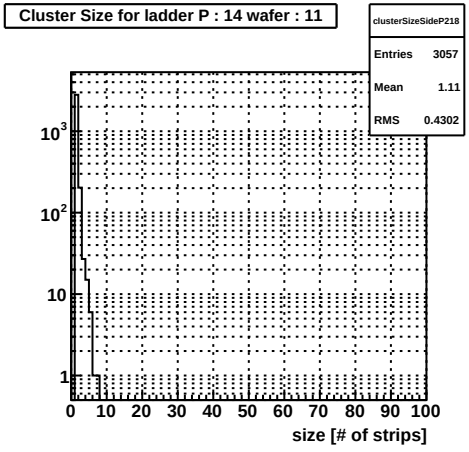

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10998
Mean 1.077
RMS 0.3406
size [# of strips]

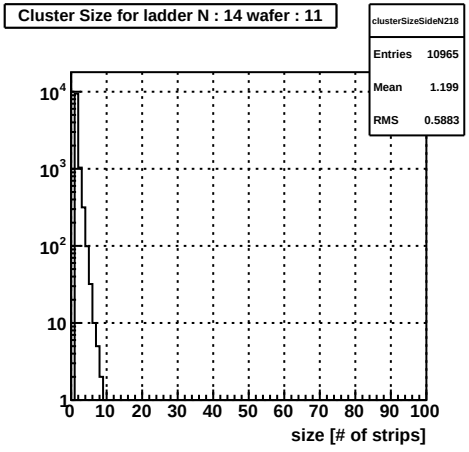

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9634
Mean 1.458
RMS 0.7841
size [# of strips]

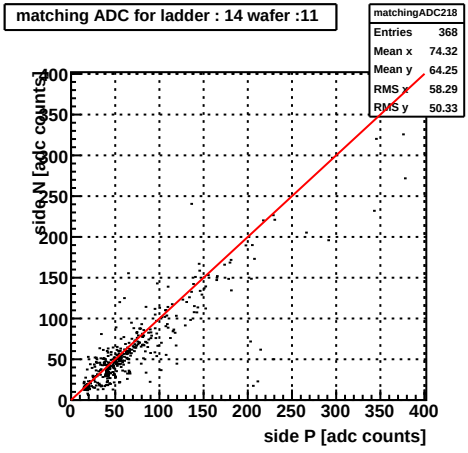

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 958
Mean x 45.73
Mean y 57.93
RMS x 49.81
RMS y 52.84
side N [adc counts]
side P [adc counts]

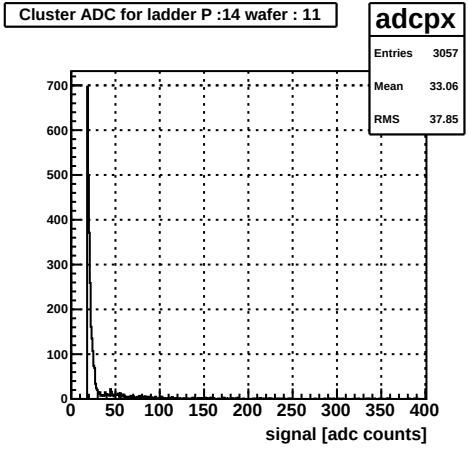

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10998
Mean 26.37
RMS 22.33
signal [adc counts]

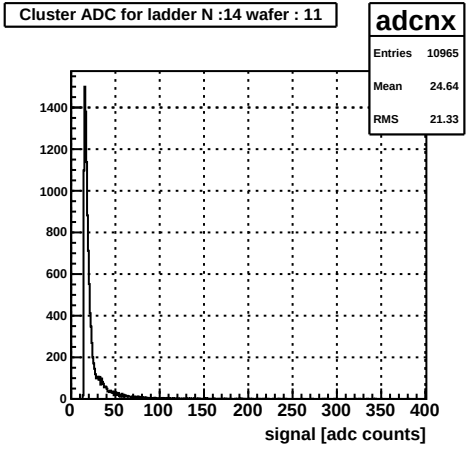

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9634
Mean 36.23
RMS 37.21
signal [adc counts]

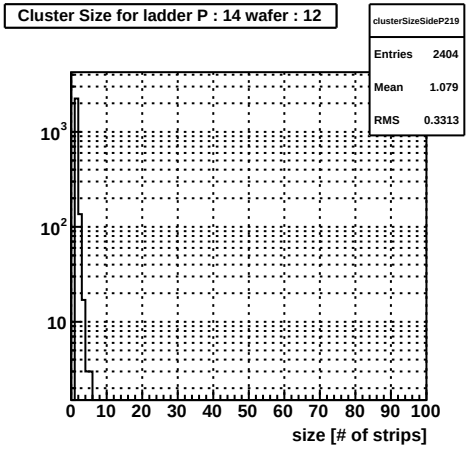

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3057
Mean 1.11
RMS 0.4302
size [# of strips]

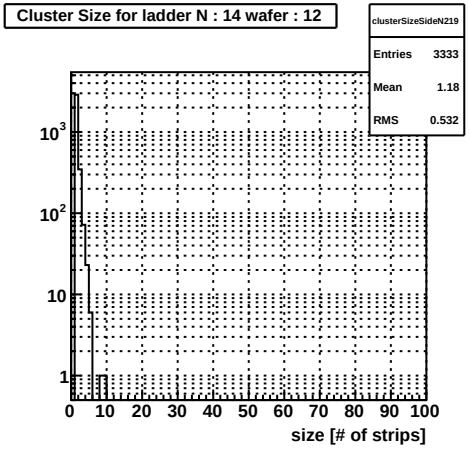

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10965
Mean 1.199
RMS 0.5883
size [# of strips]

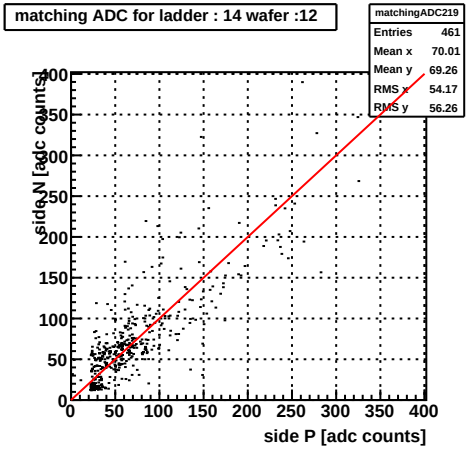

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 368
Mean x 74.32
Mean y 64.25
RMS x 58.29
RMS y 50.33
side N [adc counts]
side P [adc counts]

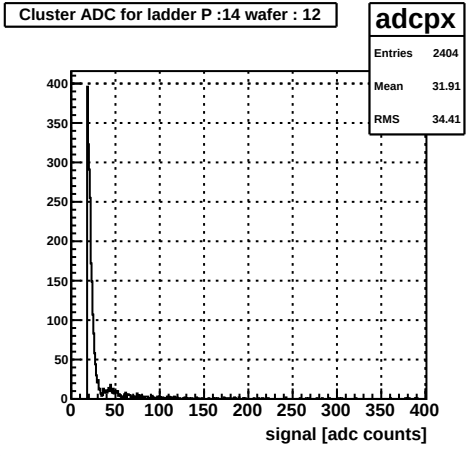

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3057
Mean 33.06
RMS 37.85
signal [adc counts]

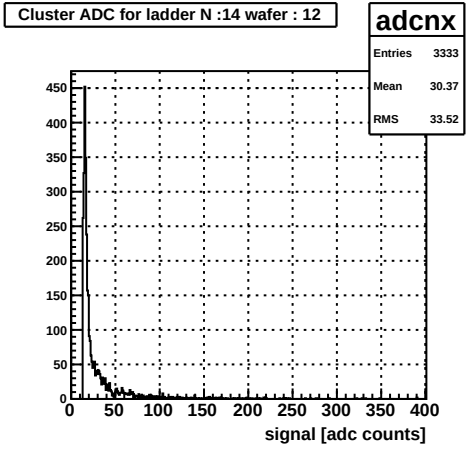

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10965
Mean 24.64
RMS 21.33
signal [adc counts]

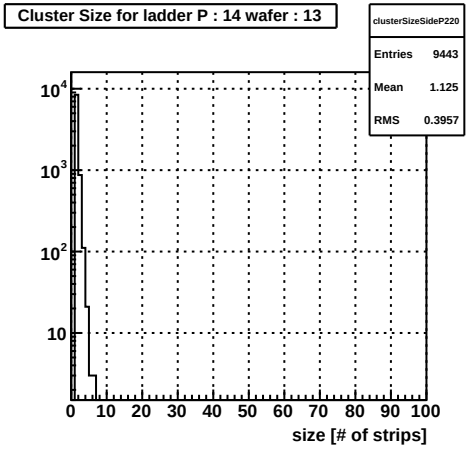

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2404
Mean 1.079
RMS 0.3313
size [# of strips]

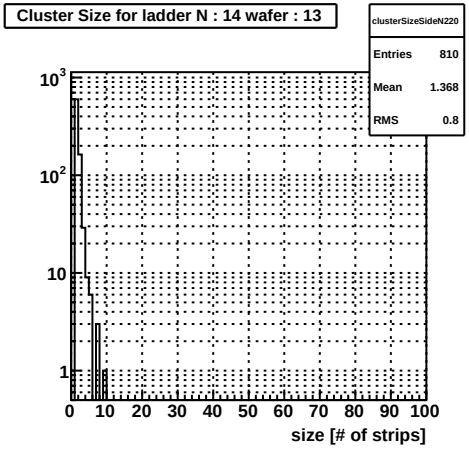

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3333
Mean 1.18
RMS 0.532
size [# of strips]

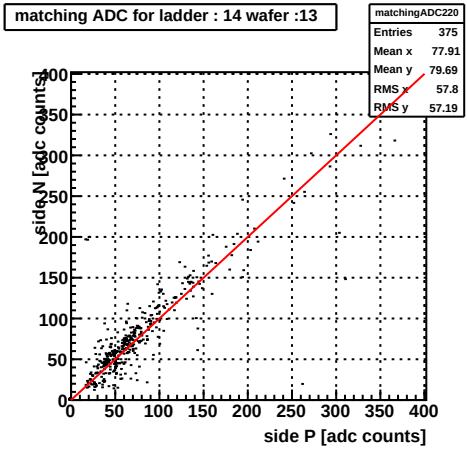

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 461
Mean x 70.01
Mean y 69.26
RMS x 54.17
RMS y 56.26
side N [adc counts]
side P [adc counts]

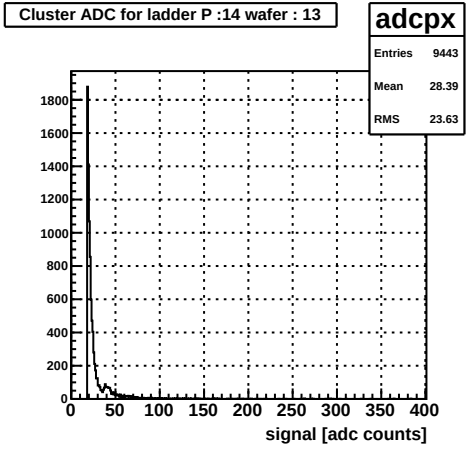

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2404
Mean 31.91
RMS 34.41
signal [adc counts]

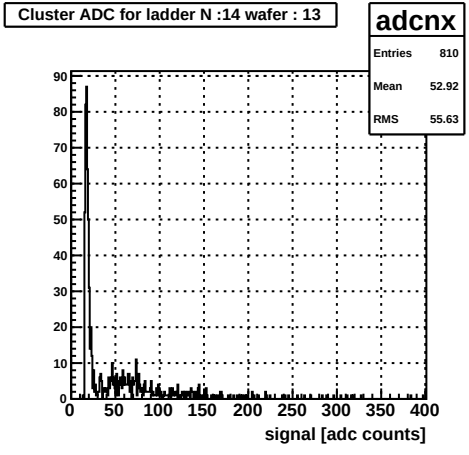

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3333
Mean 30.37
RMS 33.52
signal [adc counts]

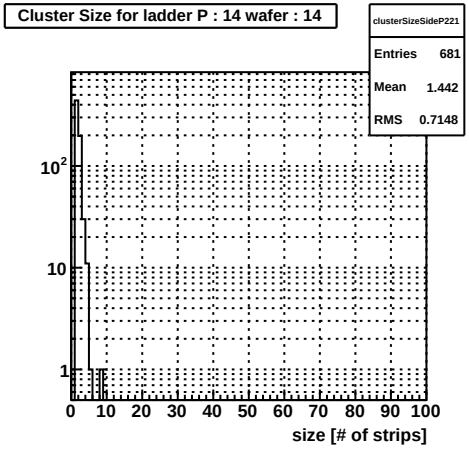

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9443
Mean 1.125
RMS 0.3957
size [# of strips]

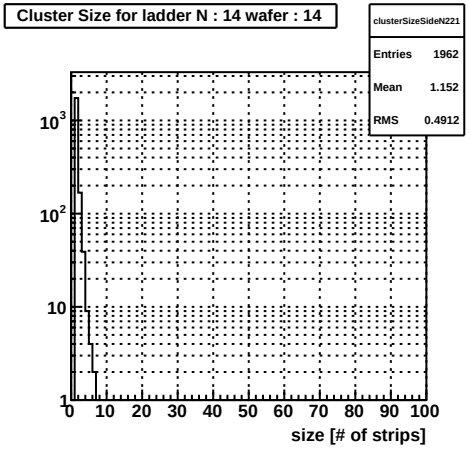

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 810
Mean 1.368
RMS 0.8
size [# of strips]

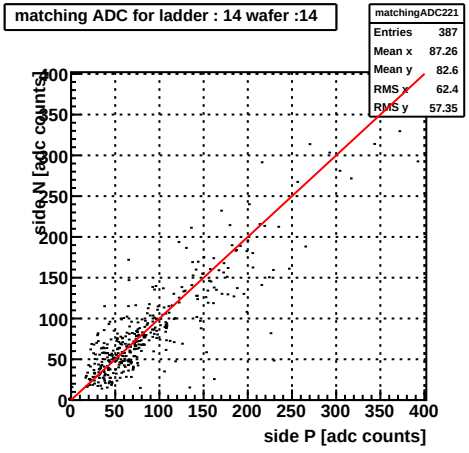

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 375
Mean x 77.91
Mean y 79.69
RMS x 57.8
RMS y 57.19
side N [adc counts]
side P [adc counts]

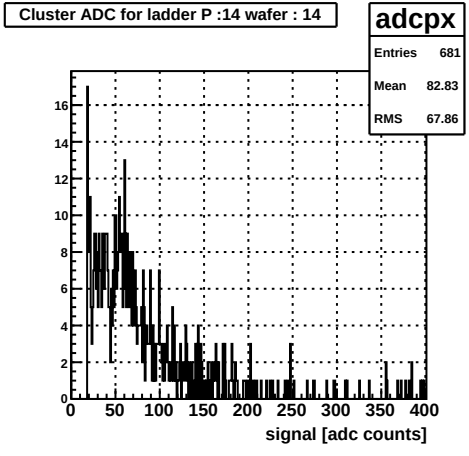

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9443
Mean 28.39
RMS 23.63
signal [adc counts]

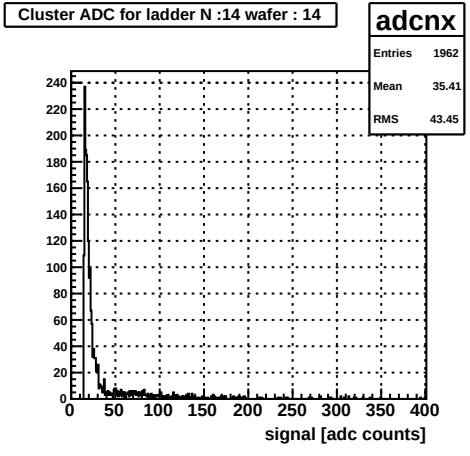

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 810
Mean 52.92
RMS 55.63
signal [adc counts]

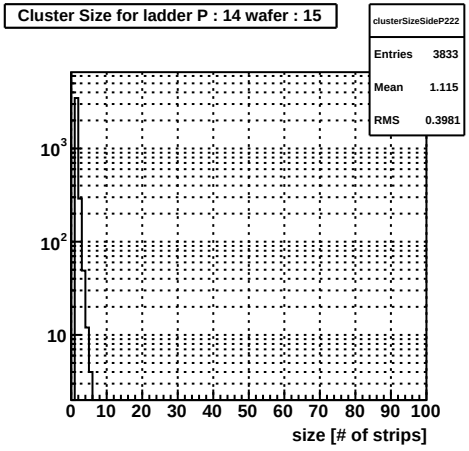

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 681
Mean 1.442
RMS 0.7148
size [# of strips]

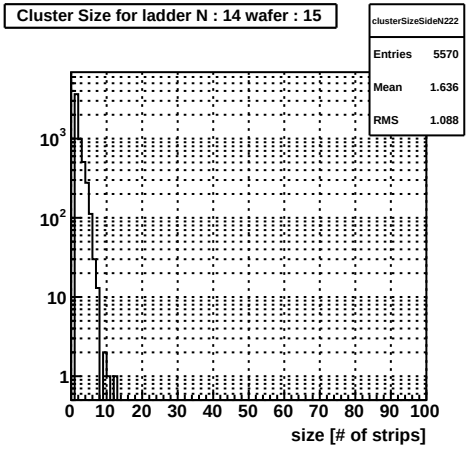

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1962
Mean 1.152
RMS 0.4912
size [# of strips]

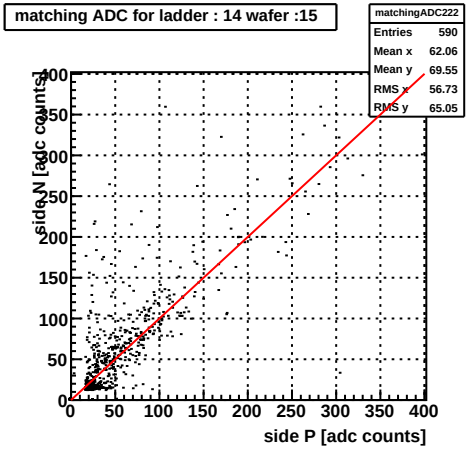

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 387
Mean x 87.26
Mean y 82.6
RMS x 62.4
RMS y 57.35
side N [adc counts]
side P [adc counts]

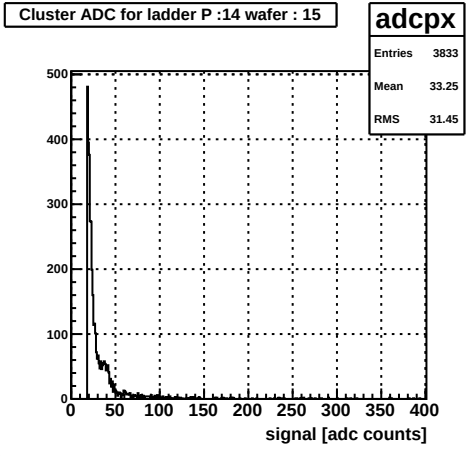

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 681
Mean 82.83
RMS 67.86
signal [adc counts]

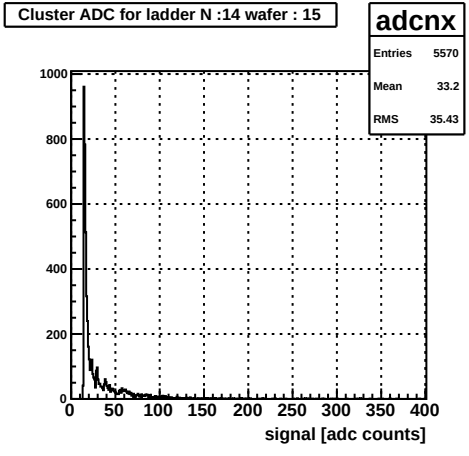

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1962
Mean 35.41
RMS 43.45
signal [adc counts]

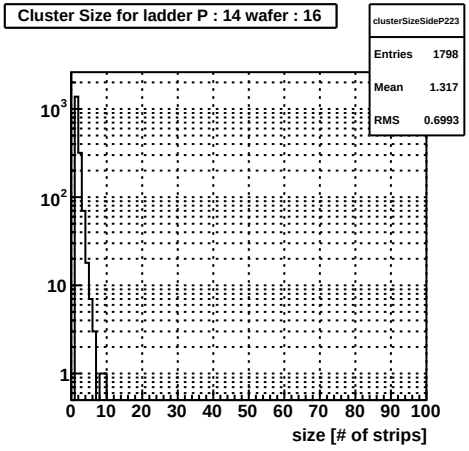

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3833
Mean 1.115
RMS 0.3981
size [# of strips]

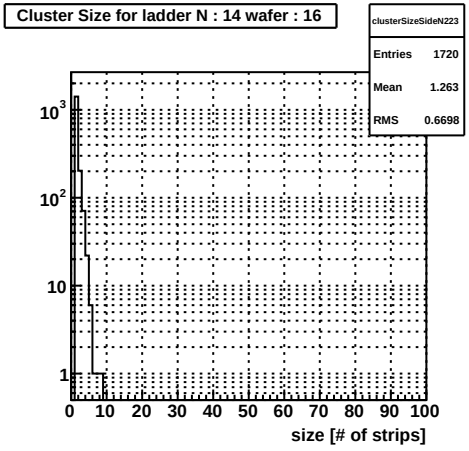

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5570
Mean 1.636
RMS 1.088
size [# of strips]

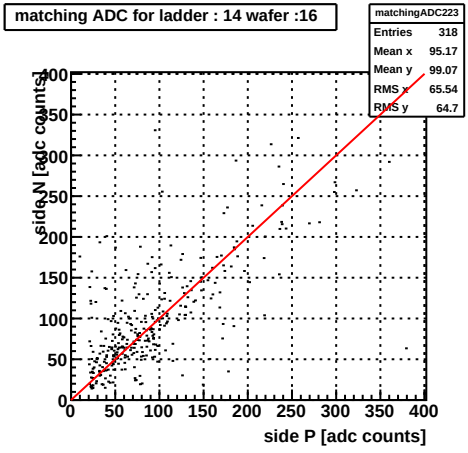

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 590
Mean x 62.06
Mean y 69.55
RMS x 56.73
RMS y 65.05
side N [adc counts]
side P [adc counts]

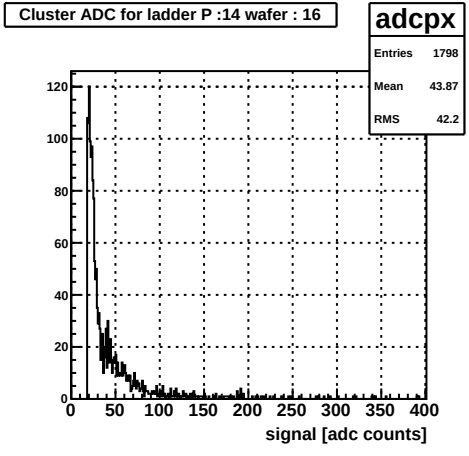

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3833
Mean 33.25
RMS 31.45
signal [adc counts]

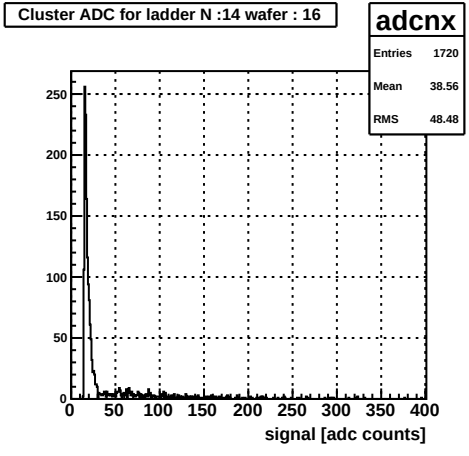

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5570
Mean 33.2
RMS 35.43
signal [adc counts]

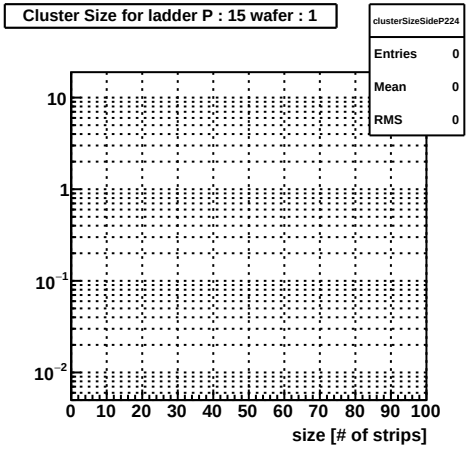

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1798
Mean 1.317
RMS 0.6993
size [# of strips]

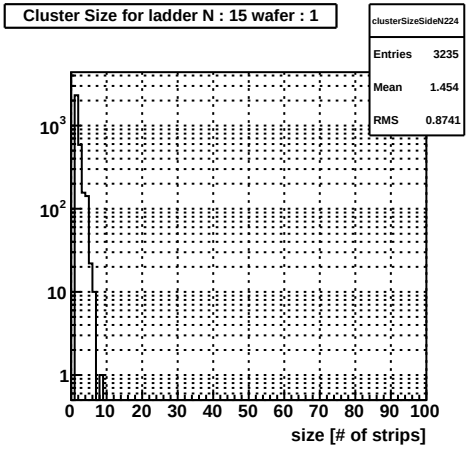

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1720
Mean 1.263
RMS 0.6698
size [# of strips]

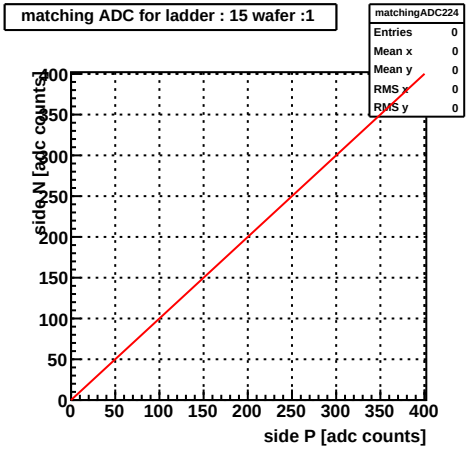

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 318
Mean x 95.17
Mean y 99.07
RMS x 65.54
RMS y 64.7
side N [adc counts]
side P [adc counts]

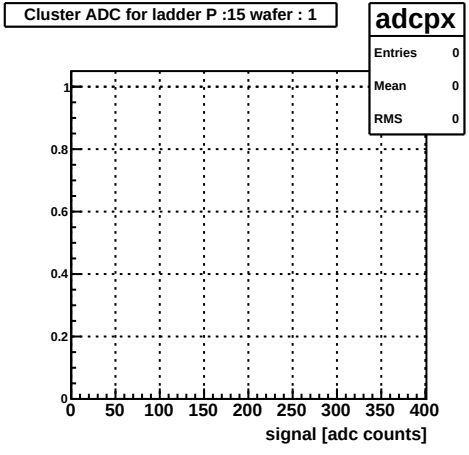

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1798
Mean 43.87
RMS 42.2
signal [adc counts]

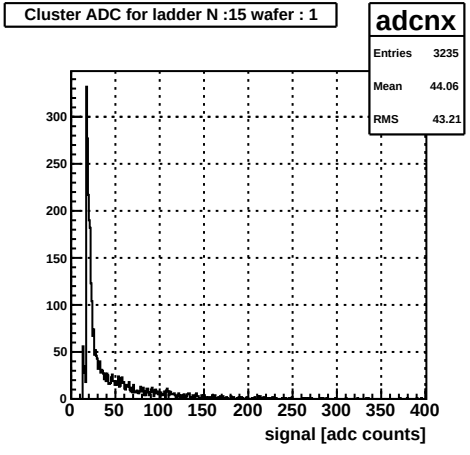

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1720
Mean 38.56
RMS 48.48
signal [adc counts]

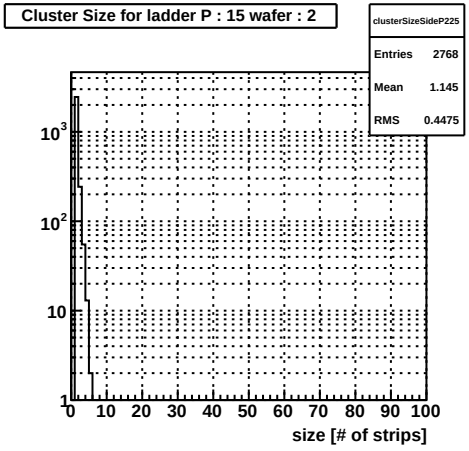

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

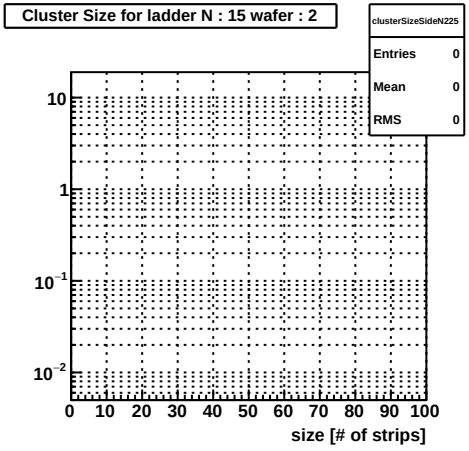

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3235
Mean 1.454
RMS 0.8741
size [# of strips]

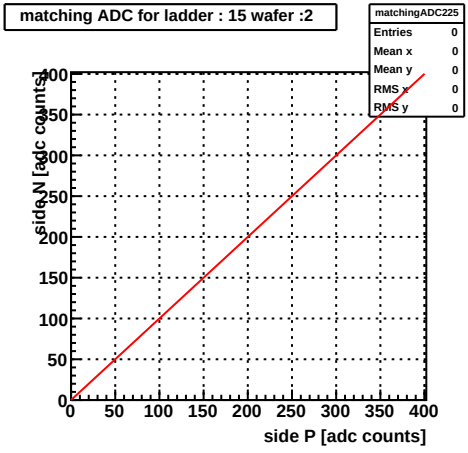

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

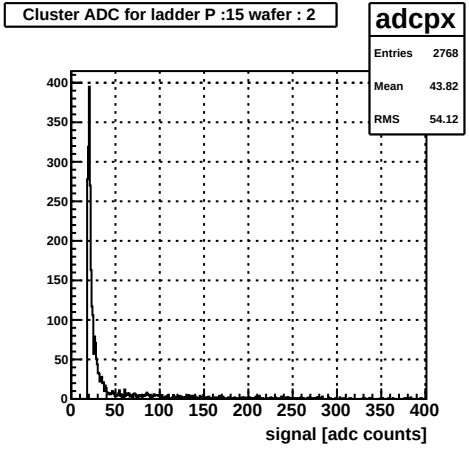

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

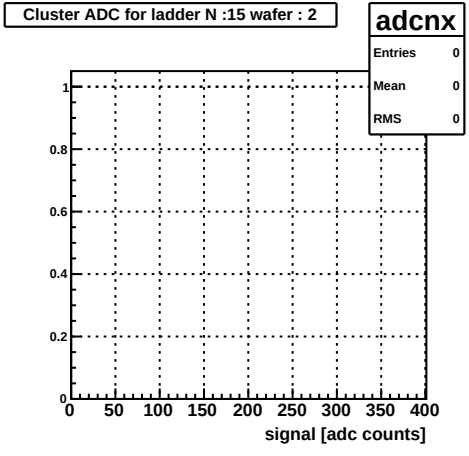

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3235
Mean 44.06
RMS 43.21
signal [adc counts]

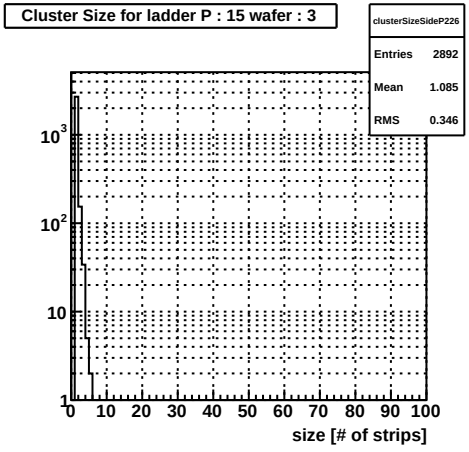

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2768
Mean 1.145
RMS 0.4475
size [# of strips]

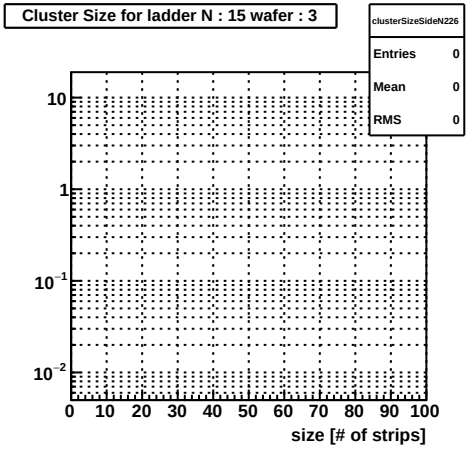

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

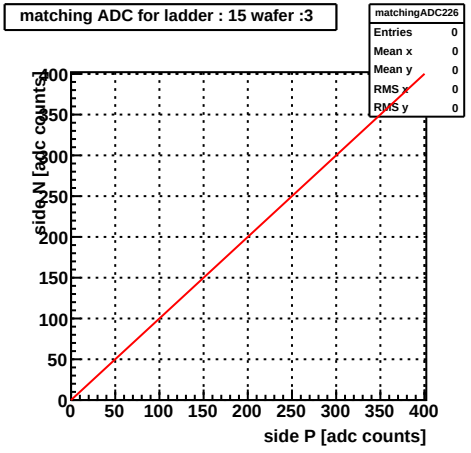

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

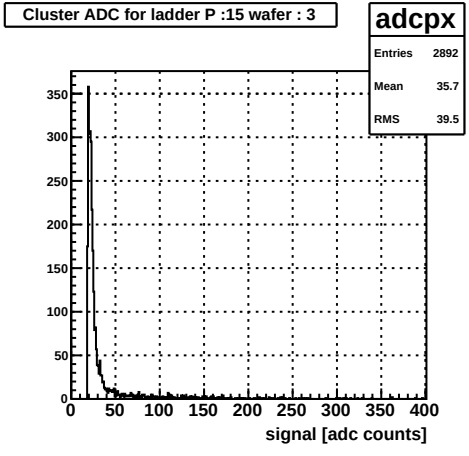

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2768
Mean 43.82
RMS 54.12
signal [adc counts]

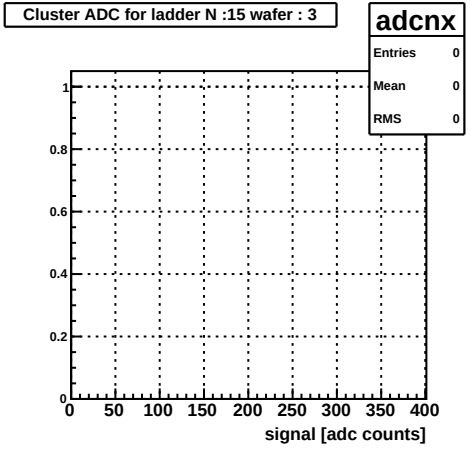

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

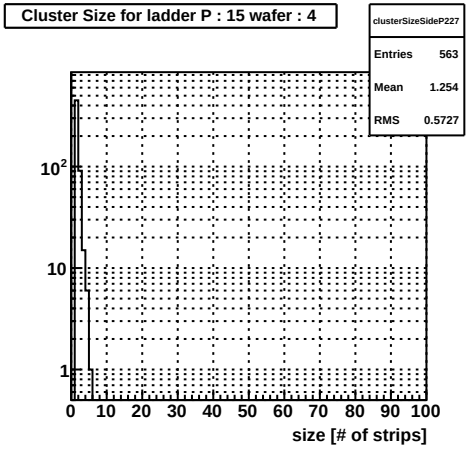

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2892
Mean 1.085
RMS 0.346
size [# of strips]

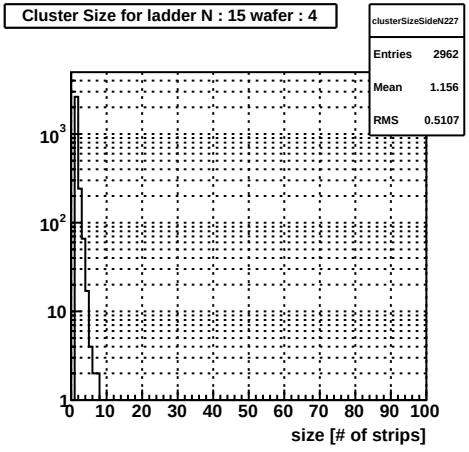

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

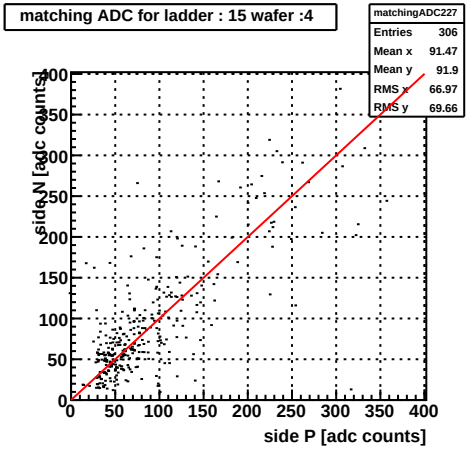

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

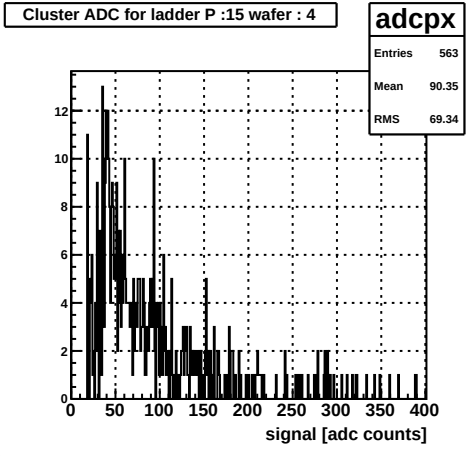

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2892
Mean 35.7
RMS 39.5
signal [adc counts]

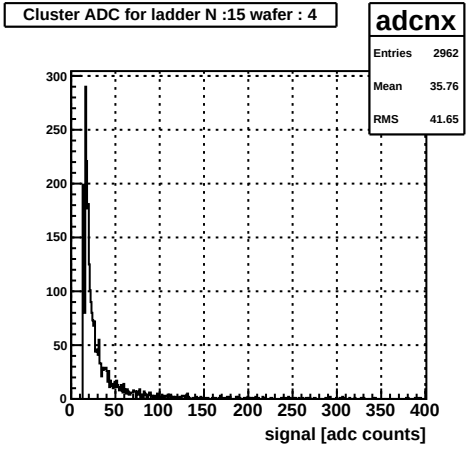

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

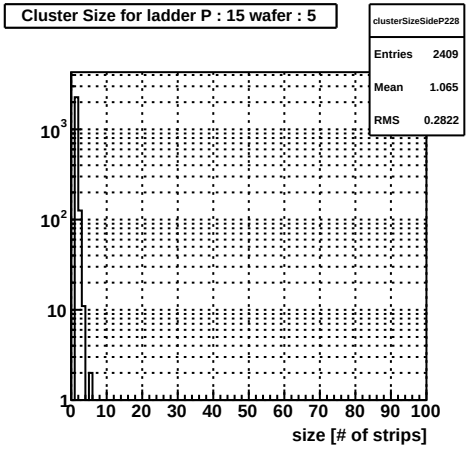

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 563
Mean 1.254
RMS 0.5727
size [# of strips]

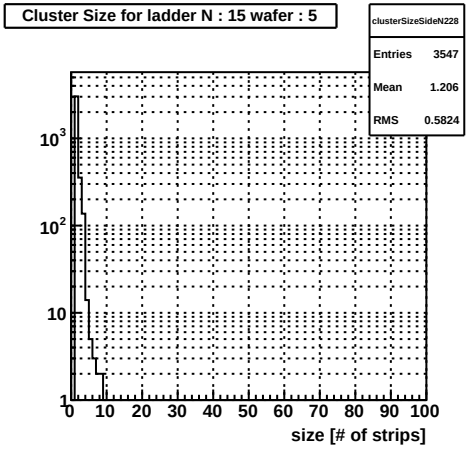

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2962
Mean 1.156
RMS 0.5107
size [# of strips]

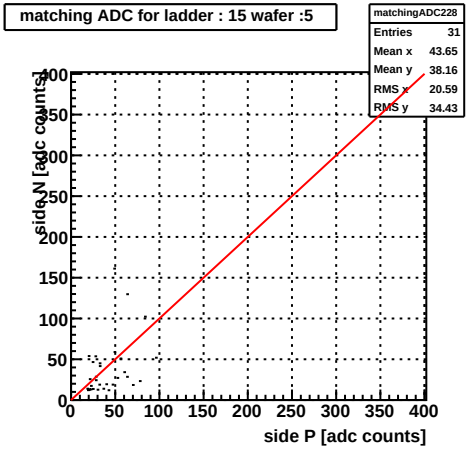

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 306
Mean x 91.47
Mean y 91.9
RMS x 66.97
RMS y 69.66
side N [adc counts]
side P [adc counts]

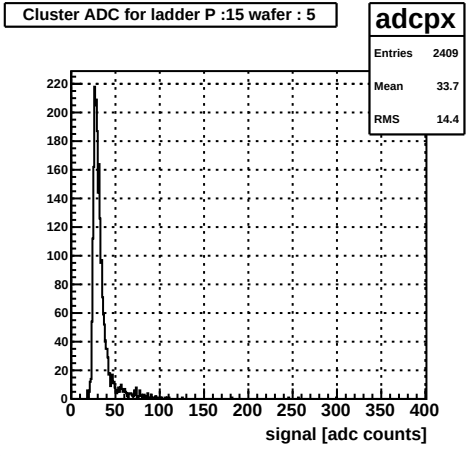

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 563
Mean 90.35
RMS 69.34
signal [adc counts]

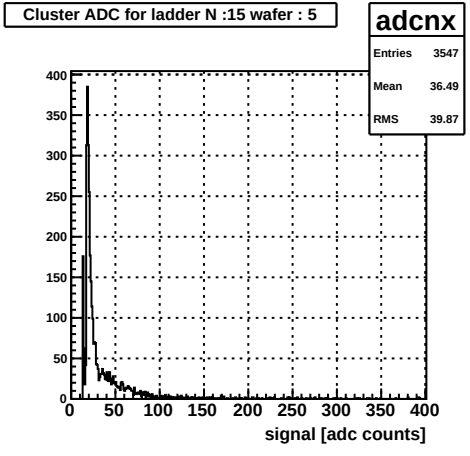

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2962
Mean 35.76
RMS 41.65
signal [adc counts]

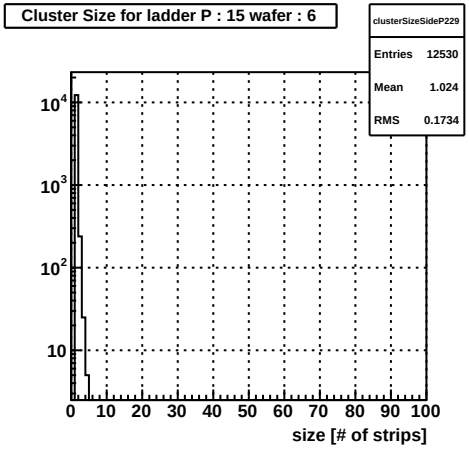

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2409
Mean 1.065
RMS 0.2822
size [# of strips]

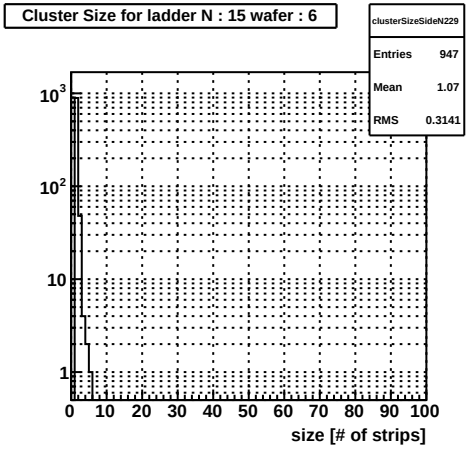

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 3547
Mean 1.206
RMS 0.5824
size [# of strips]

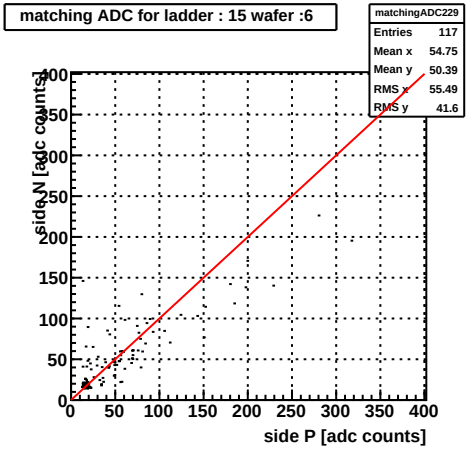

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 31
Mean x 43.65
Mean y 38.16
RMS x 20.59
RMS y 34.43
side N [adc counts]
side P [adc counts]

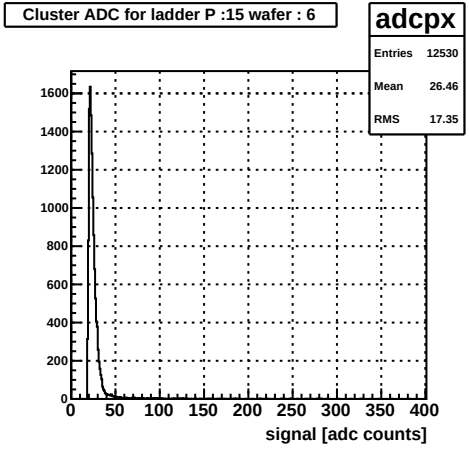

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2409
Mean 33.7
RMS 14.4
signal [adc counts]

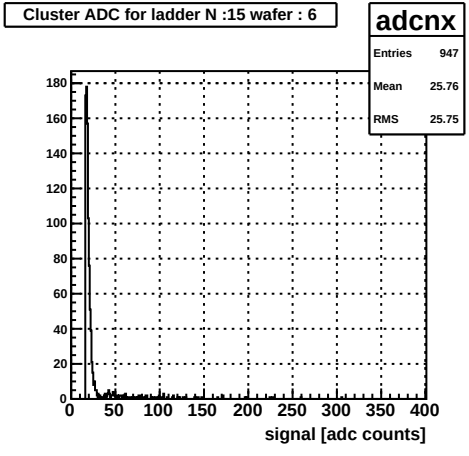

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 3547
Mean 36.49
RMS 39.87
signal [adc counts]

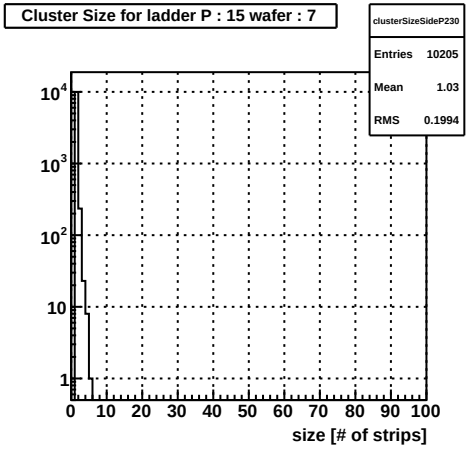

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 12530
Mean 1.024
RMS 0.1734
size [# of strips]

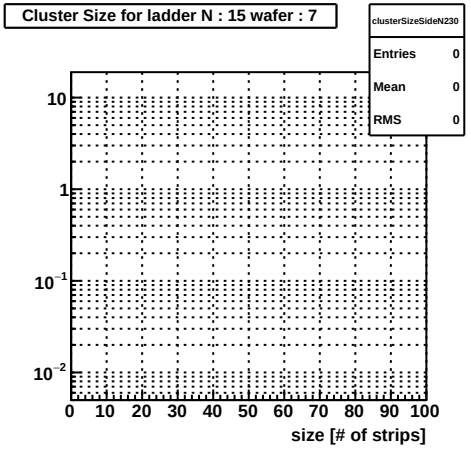

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 947
Mean 1.07
RMS 0.3141
size [# of strips]

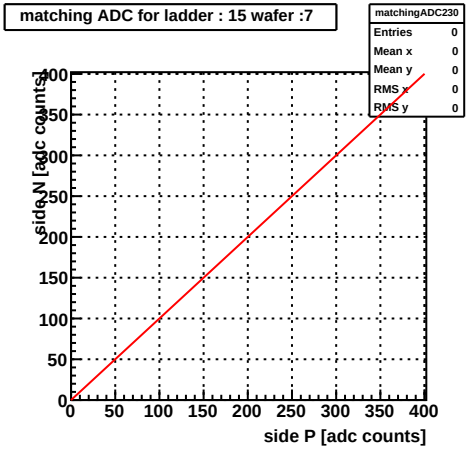

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 117
Mean x 54.75
Mean y 50.39
RMS x 55.49
RMS y 41.6
side N [adc counts]
side P [adc counts]

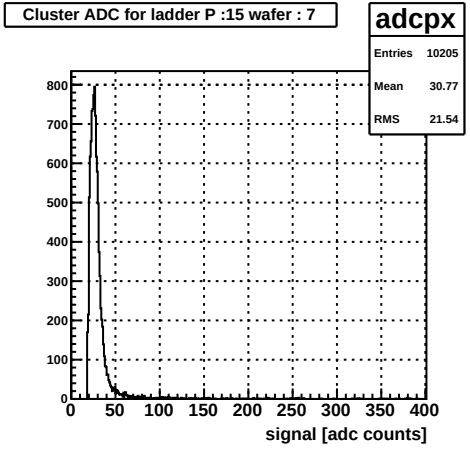

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 12530
Mean 26.46
RMS 17.35
signal [adc counts]

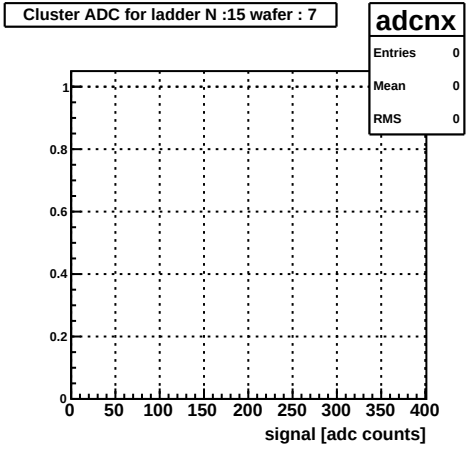

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 947
Mean 25.76
RMS 25.75
signal [adc counts]

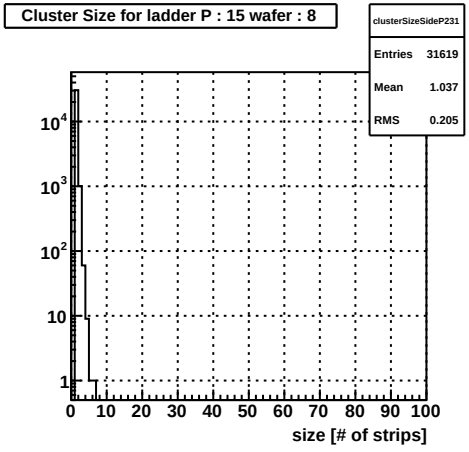

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 10205
Mean 1.03
RMS 0.1994
size [# of strips]

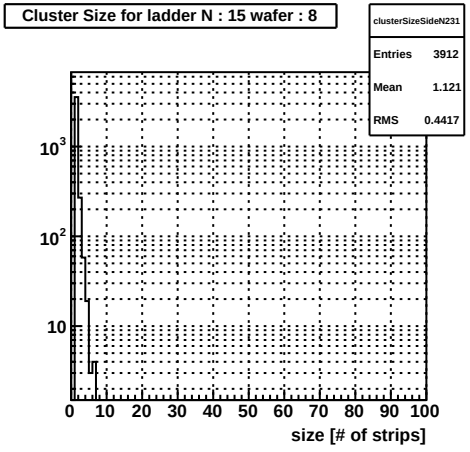

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

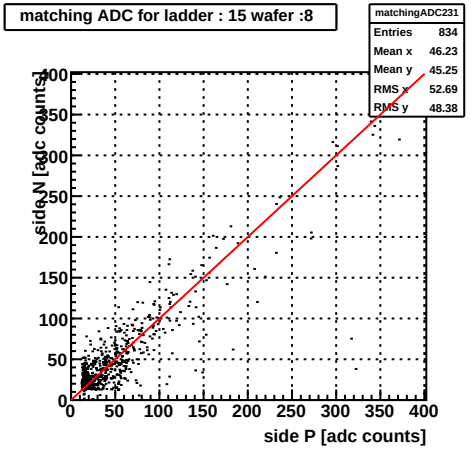

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

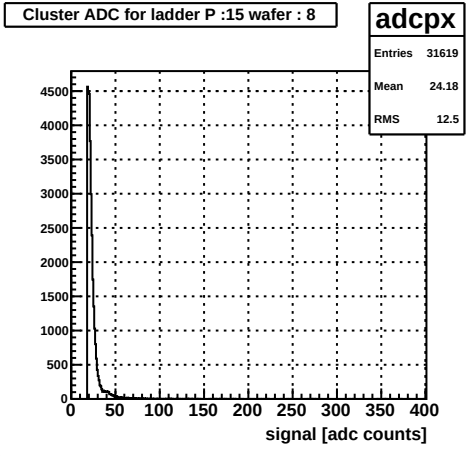

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 10205
Mean 30.77
RMS 21.54
signal [adc counts]

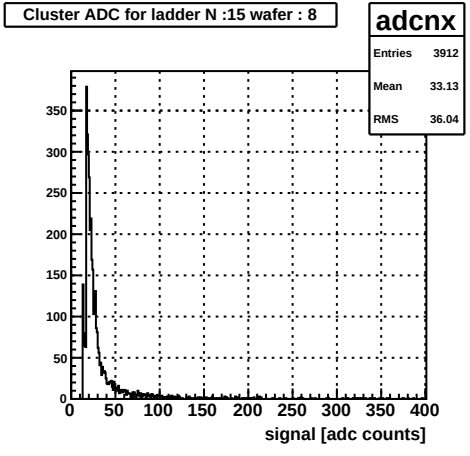

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

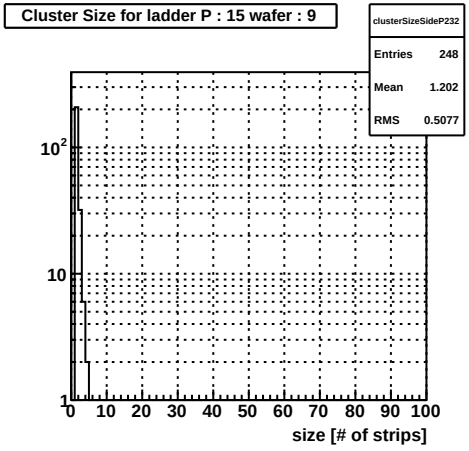

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 31619
Mean 1.037
RMS 0.205
size [# of strips]

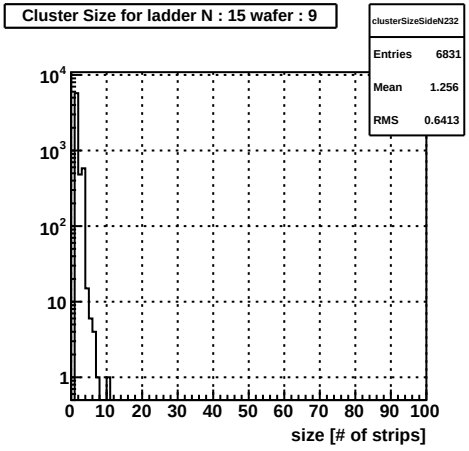

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3912
Mean 1.121
RMS 0.4417
size [# of strips]

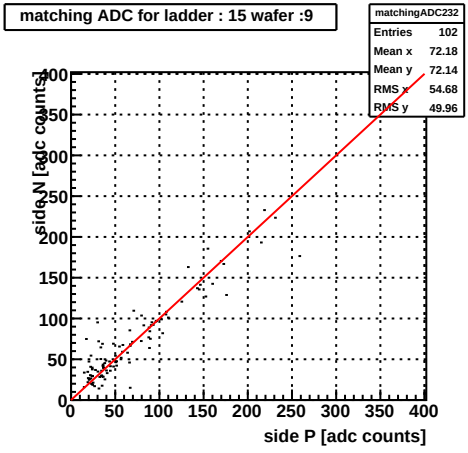

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 834
Mean x 46.23
Mean y 45.25
RMS x 52.69
RMS y 48.38
side N [adc counts]
side P [adc counts]

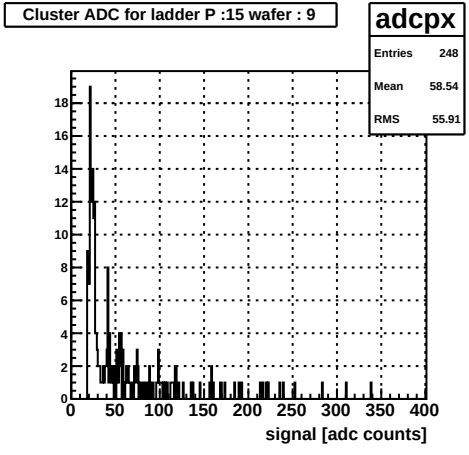

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 31619
Mean 24.18
RMS 12.5
signal [adc counts]

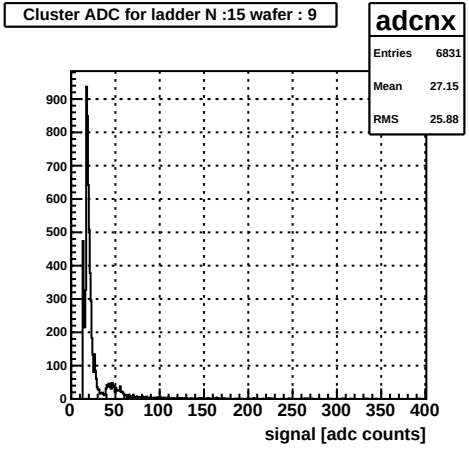

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3912
Mean 33.13
RMS 36.04
signal [adc counts]

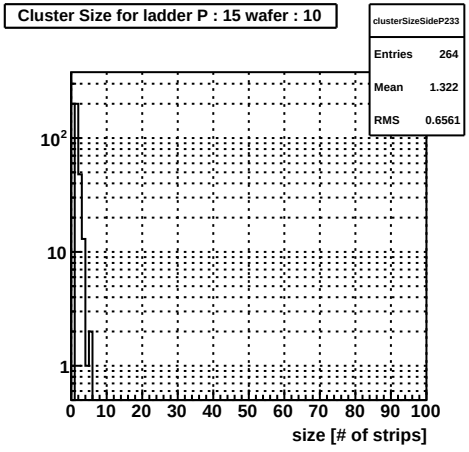

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 248
Mean 1.202
RMS 0.5077
size [# of strips]

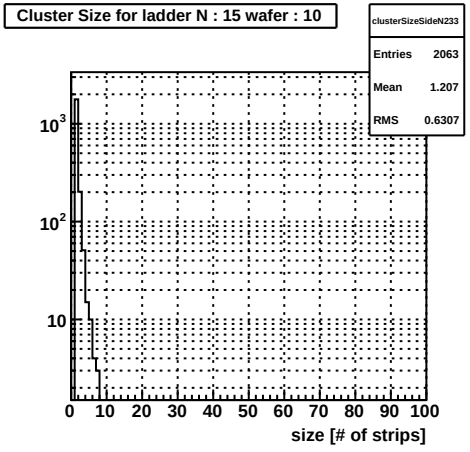

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 6831
Mean 1.256
RMS 0.6413
size [# of strips]

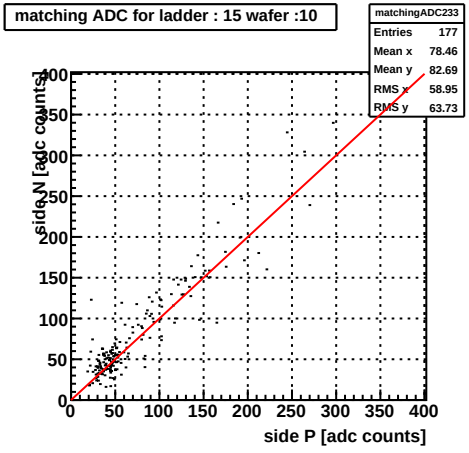

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 102
Mean x 72.18
Mean y 72.14
RMS x 54.68
RMS y 49.96
side N [adc counts]
side P [adc counts]

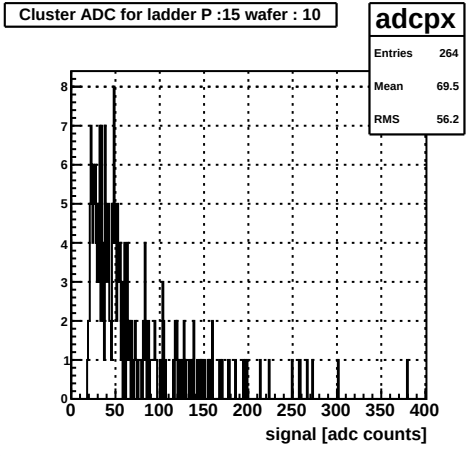

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 248
Mean 58.54
RMS 55.91
signal [adc counts]

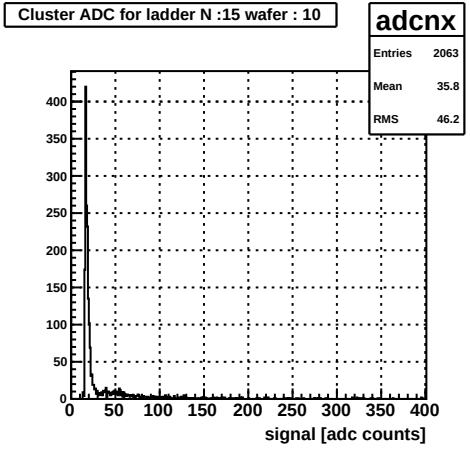

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 6831
Mean 27.15
RMS 25.88
signal [adc counts]

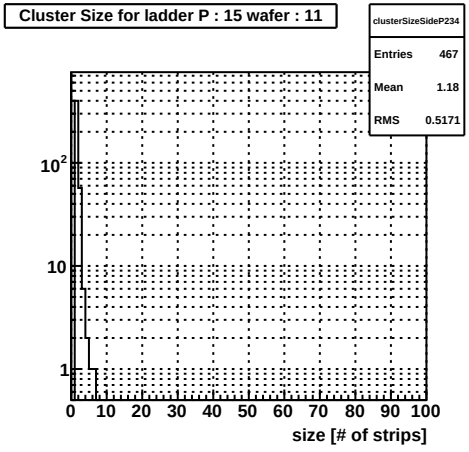

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 264
Mean 1.322
RMS 0.6561
size [# of strips]

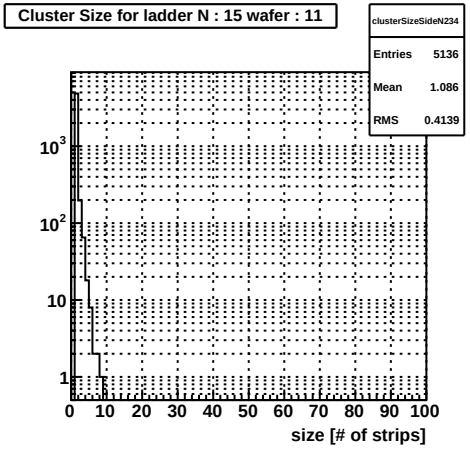

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2063
Mean 1.207
RMS 0.6307
size [# of strips]

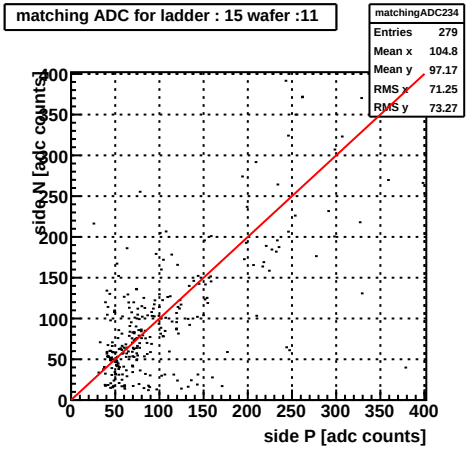

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 177
Mean x 78.46
Mean y 82.69
RMS x 58.95
RMS y 63.73
side N [adc counts]
side P [adc counts]

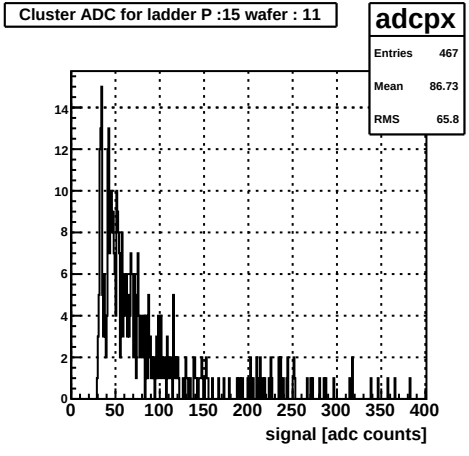

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 264
Mean 69.5
RMS 56.2
signal [adc counts]

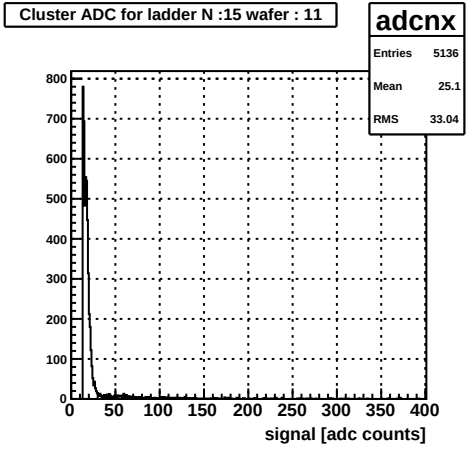

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2063
Mean 35.8
RMS 46.2
signal [adc counts]

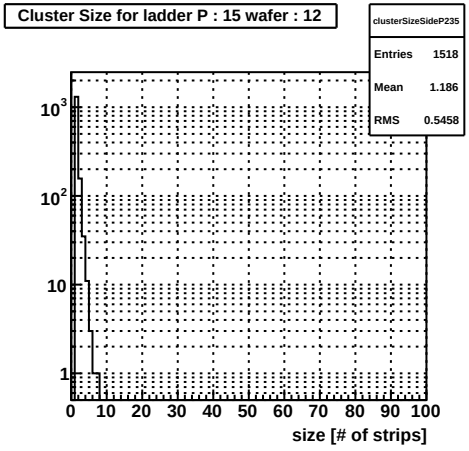

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 467
Mean 1.18
RMS 0.5171
size [# of strips]

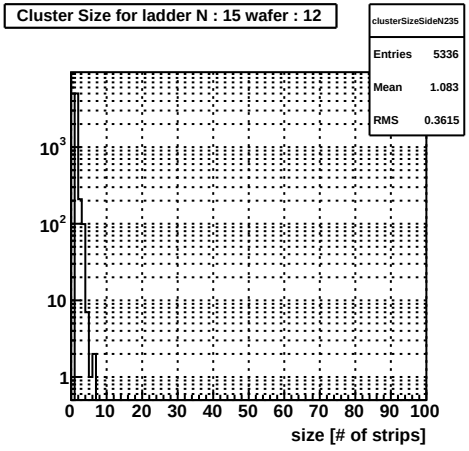

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5136
Mean 1.086
RMS 0.4139
size [# of strips]

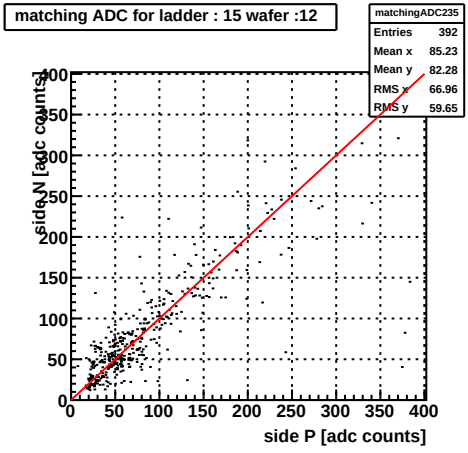

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 279
Mean x 104.8
Mean y 97.17
RMS x 71.25
RMS y 73.27
side N [adc counts]
side P [adc counts]

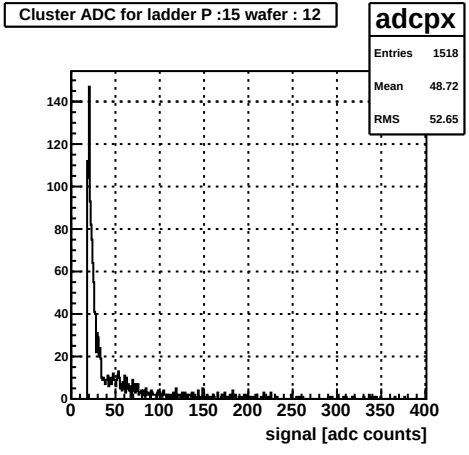

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 467
Mean 86.73
RMS 65.8
signal [adc counts]

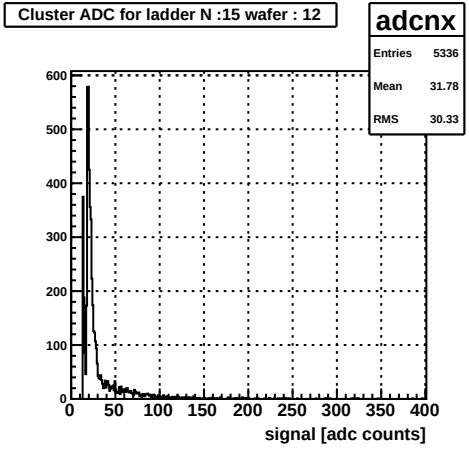

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5136
Mean 25.1
RMS 33.04
signal [adc counts]

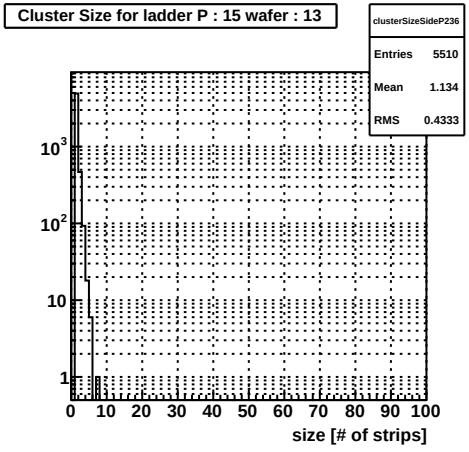

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1518
Mean 1.186
RMS 0.5458
size [# of strips]

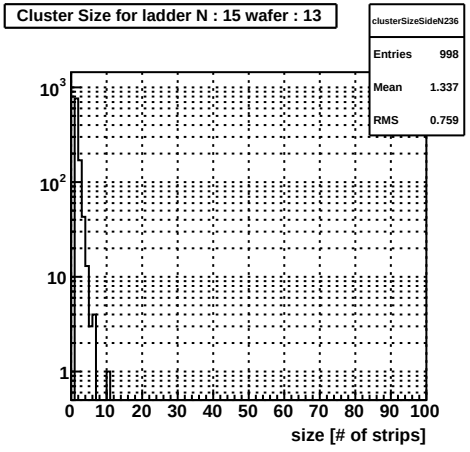

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5336
Mean 1.083
RMS 0.3615
size [# of strips]

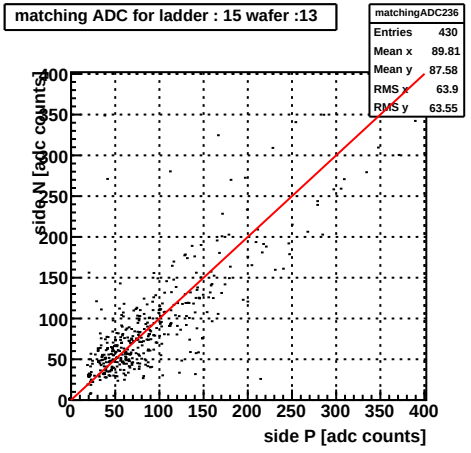

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 392
Mean x 85.23
Mean y 82.28
RMS x 66.96
RMS y 59.65
side N [adc counts]
side P [adc counts]

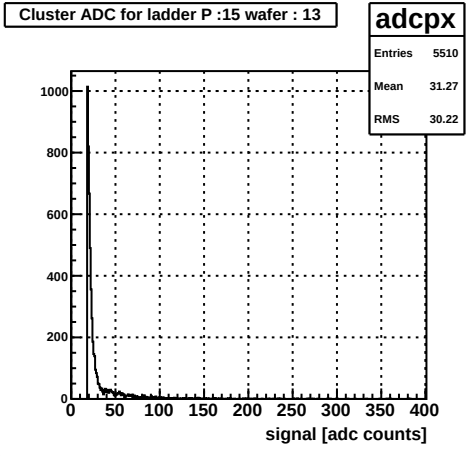

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1518
Mean 48.72
RMS 52.65
signal [adc counts]

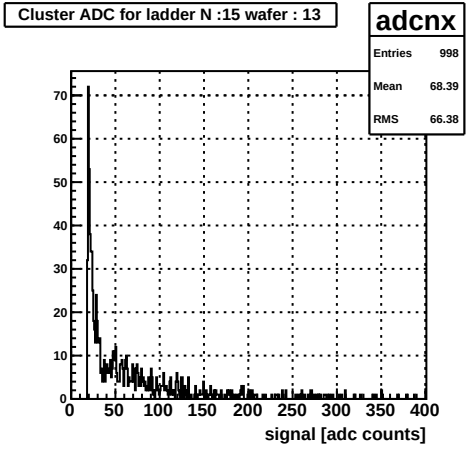

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5336
Mean 31.78
RMS 30.33
signal [adc counts]

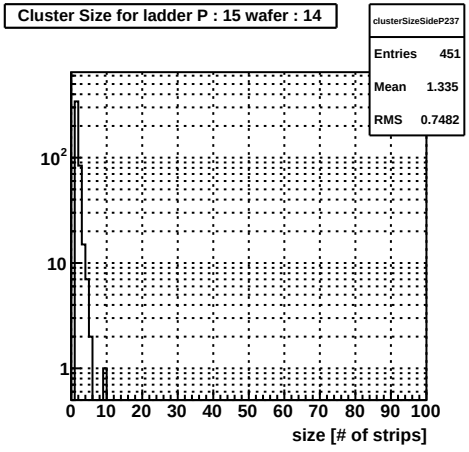

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5510
Mean 1.134
RMS 0.4333
size [# of strips]

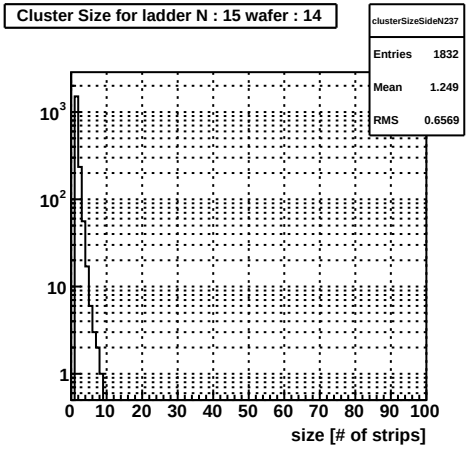

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 998
Mean 1.337
RMS 0.759
size [# of strips]

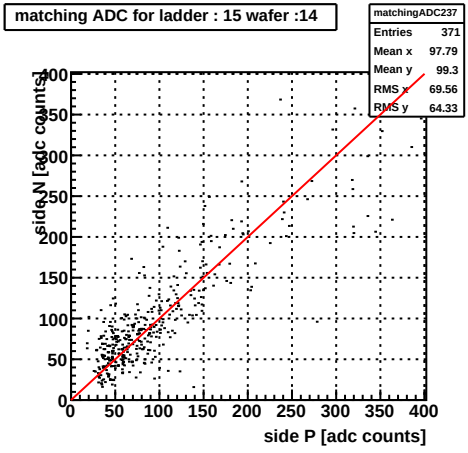

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 430
Mean x 89.81
Mean y 87.58
RMS x 63.9
RMS y 63.55
side N [adc counts]
side P [adc counts]

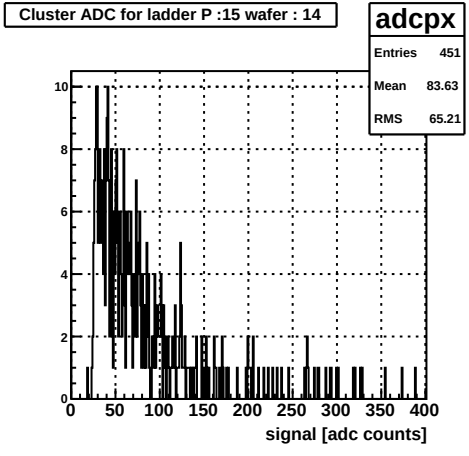

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5510
Mean 31.27
RMS 30.22
signal [adc counts]

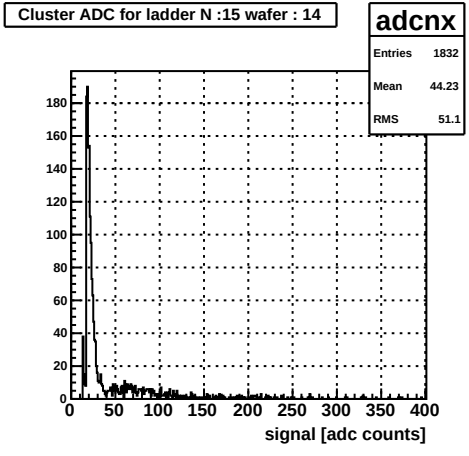

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 998
Mean 68.39
RMS 66.38
signal [adc counts]

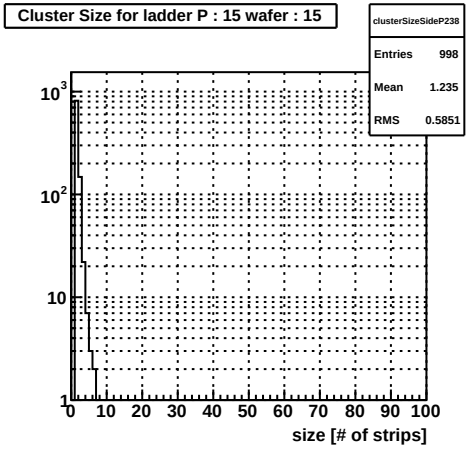

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 451
Mean 1.335
RMS 0.7482
size [# of strips]

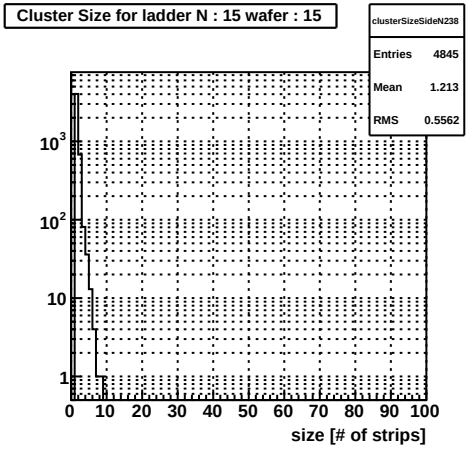

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1832
Mean 1.249
RMS 0.6569
size [# of strips]

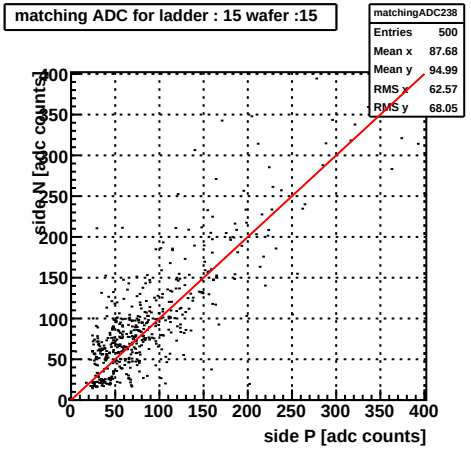

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 371
Mean x 97.79
Mean y 99.3
RMS x 69.56
RMS y 64.33
side N [adc counts]
side P [adc counts]

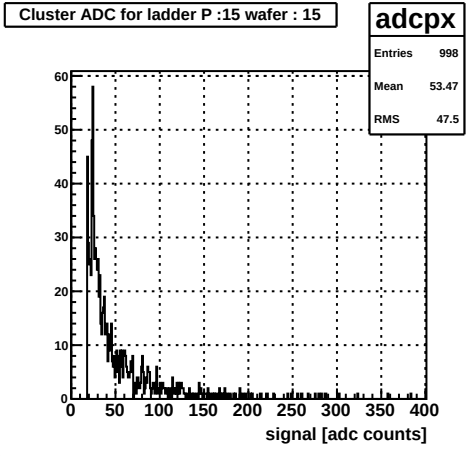

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 451
Mean 83.63
RMS 65.21
signal [adc counts]

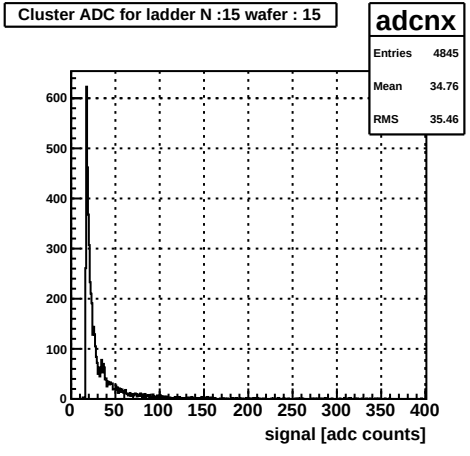

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1832
Mean 44.23
RMS 51.1
signal [adc counts]

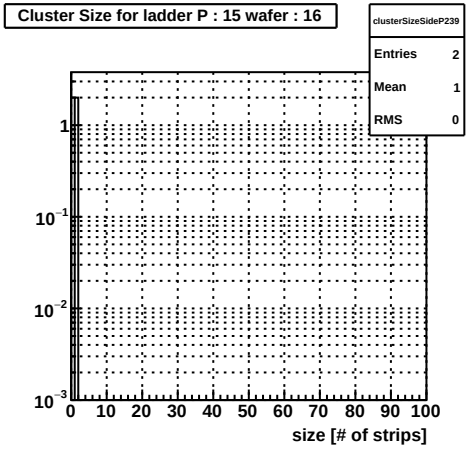

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 998
Mean 1.235
RMS 0.5851
size [# of strips]

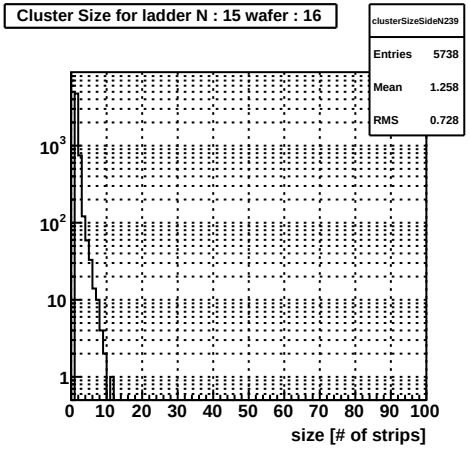

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4845
Mean 1.213
RMS 0.5562
size [# of strips]

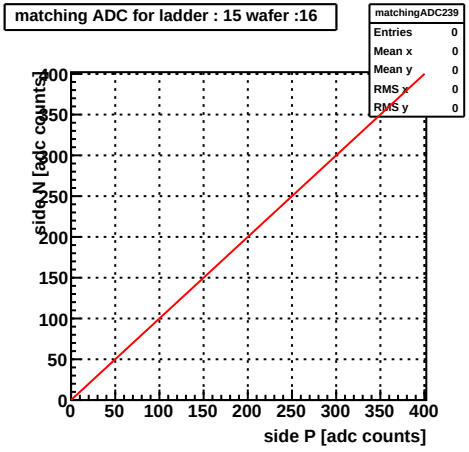

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 500
Mean x 87.68
Mean y 94.99
RMS x 62.57
RMS y 68.05
side N [adc counts]
side P [adc counts]

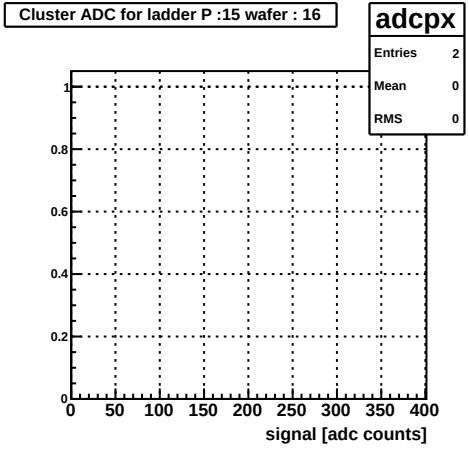

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 998
Mean 53.47
RMS 47.5
signal [adc counts]

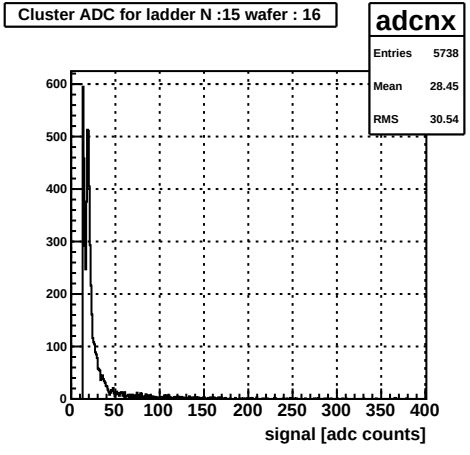

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4845
Mean 34.76
RMS 35.46
signal [adc counts]

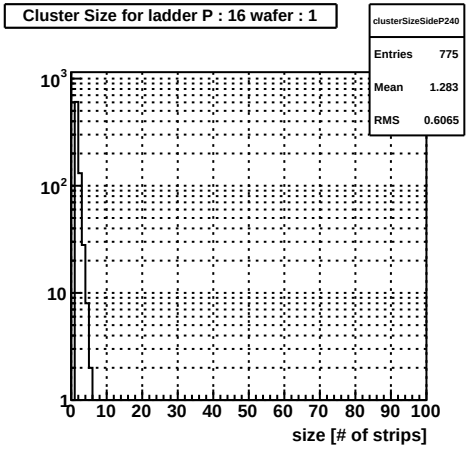

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

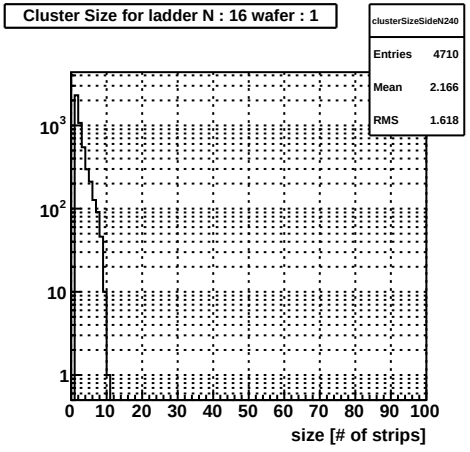

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 5738
Mean 1.258
RMS 0.728
size [# of strips]

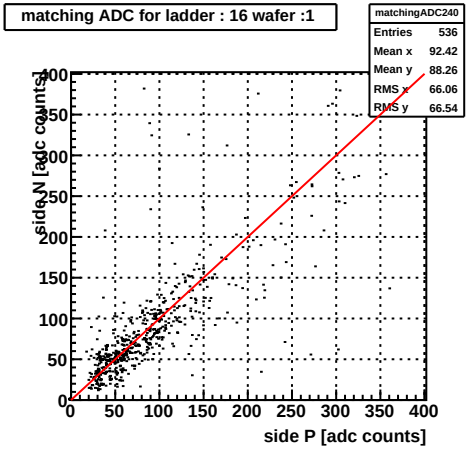

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

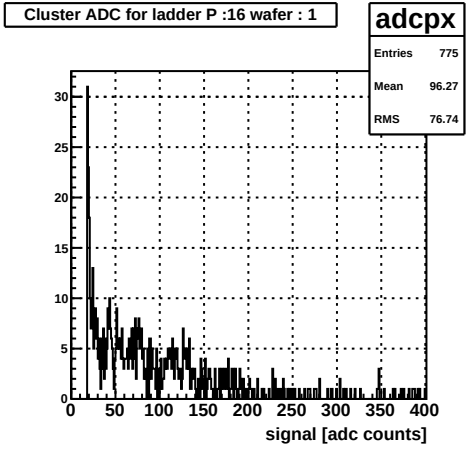

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

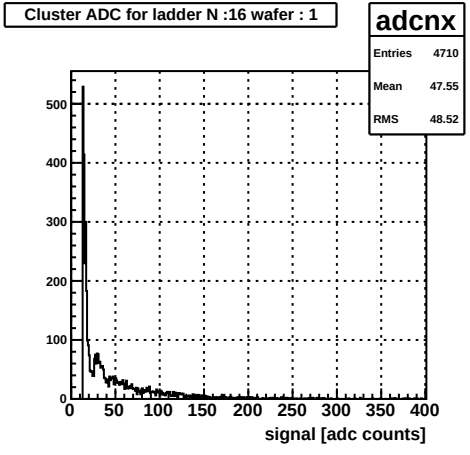

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 5738
Mean 28.45
RMS 30.54
signal [adc counts]

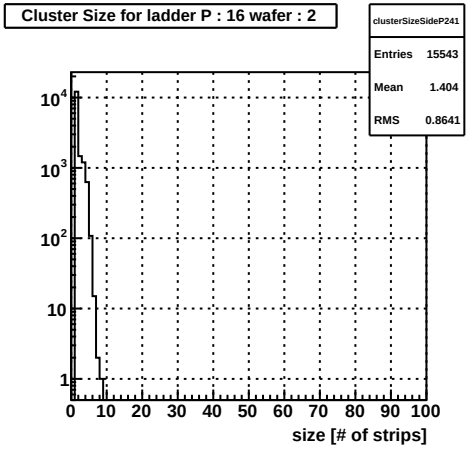

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 775
Mean 1.283
RMS 0.6065
size [# of strips]

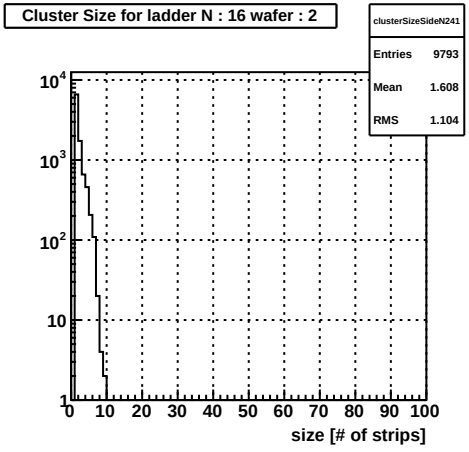

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4710
Mean 2.166
RMS 1.618
size [# of strips]

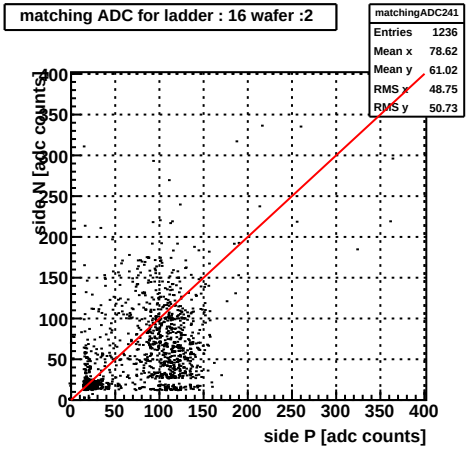

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 536
Mean x 92.42
Mean y 88.26
RMS x 66.06
RMS y 66.54
side N [adc counts]
side P [adc counts]

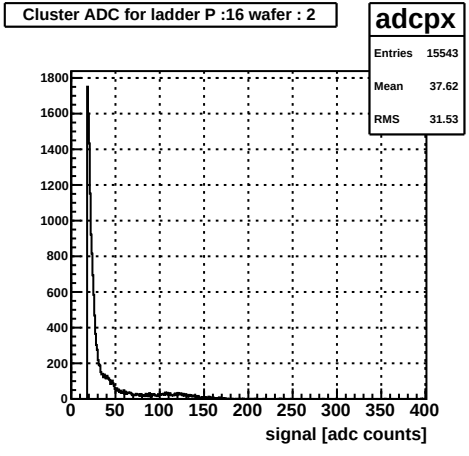

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 775
Mean 96.27
RMS 76.74
signal [adc counts]

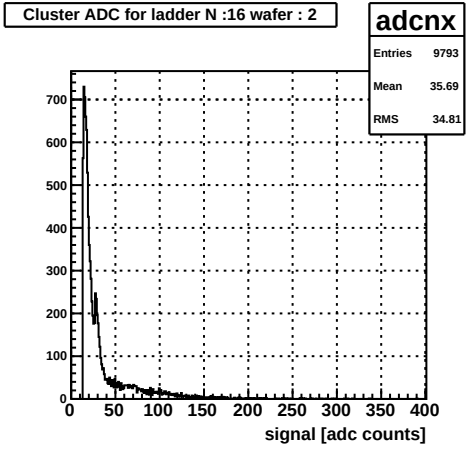

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4710
Mean 47.55
RMS 48.52
signal [adc counts]

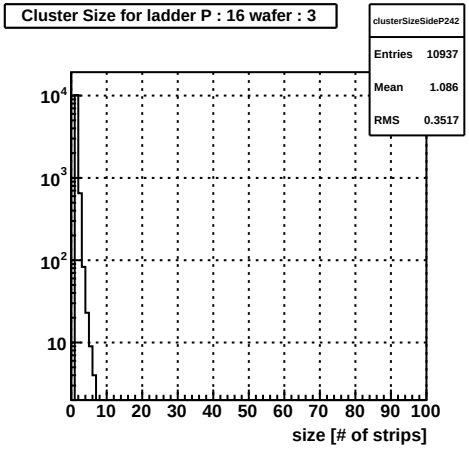

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 15543
Mean 1.404
RMS 0.8641
size [# of strips]

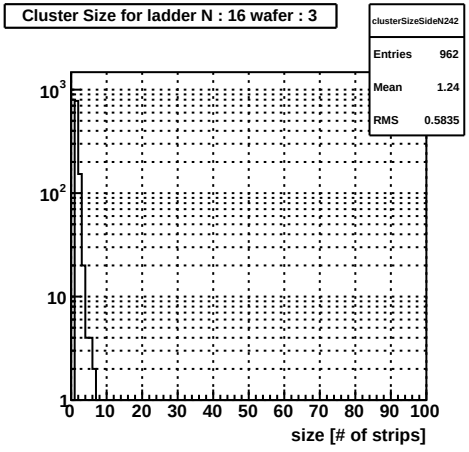

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 9793
Mean 1.608
RMS 1.104
size [# of strips]

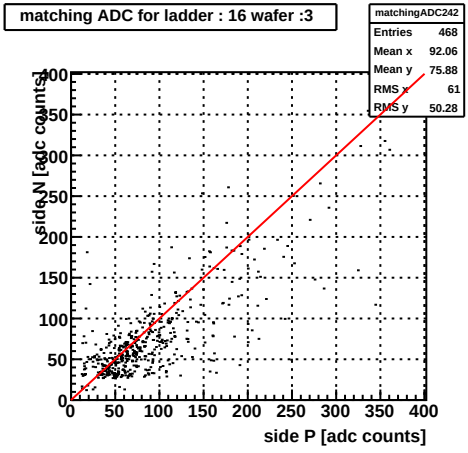

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1236
Mean x 78.62
Mean y 61.02
RMS x 48.75
RMS y 50.73
side N [adc counts]
side P [adc counts]

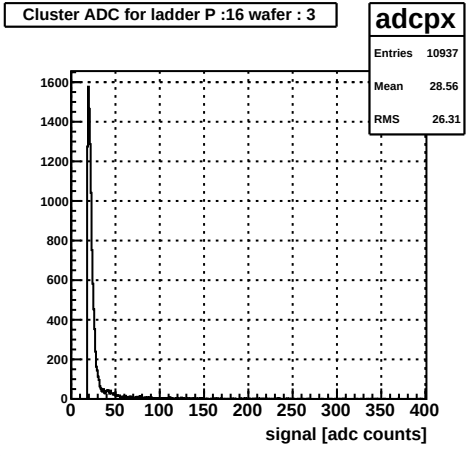

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 15543
Mean 37.62
RMS 31.53
signal [adc counts]

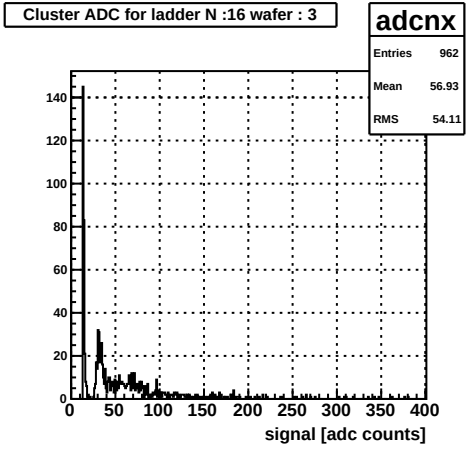

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 9793
Mean 35.69
RMS 34.81
signal [adc counts]

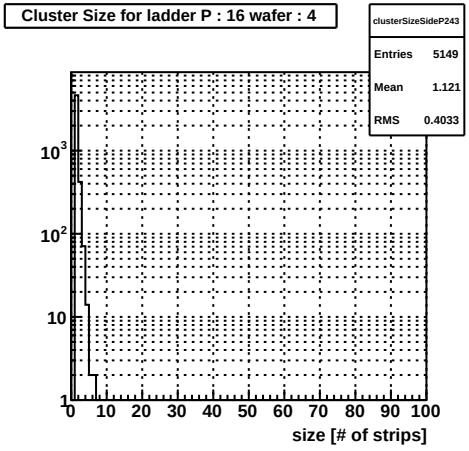

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10937
Mean 1.086
RMS 0.3517
size [# of strips]

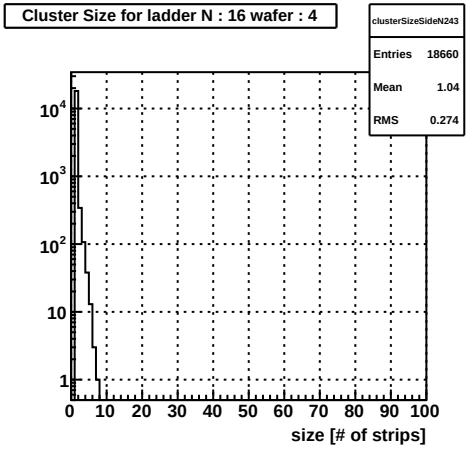

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 962
Mean 1.24
RMS 0.5835
size [# of strips]

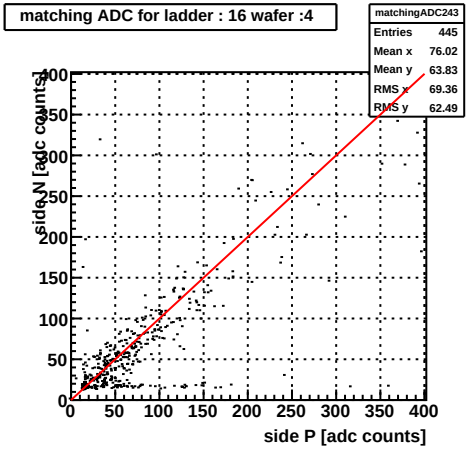

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 468
Mean x 92.06
Mean y 75.88
RMS x 61
RMS y 50.28
side N [adc counts]
side P [adc counts]

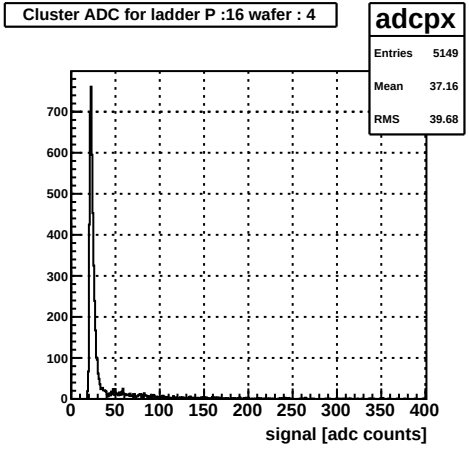

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10937
Mean 28.56
RMS 26.31
signal [adc counts]

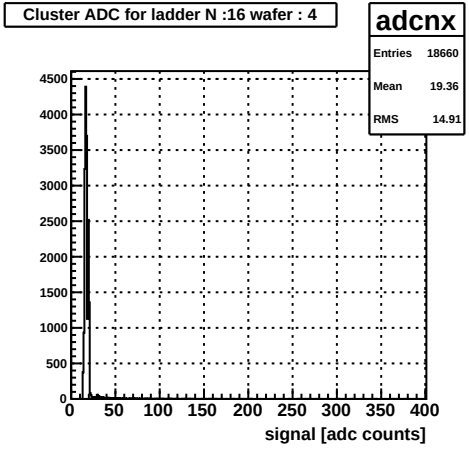

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 962
Mean 56.93
RMS 54.11
signal [adc counts]

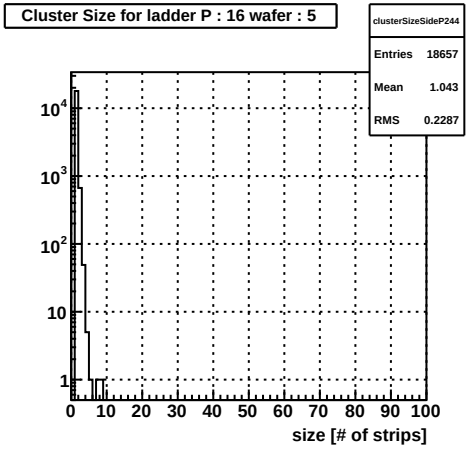

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 5149
Mean 1.121
RMS 0.4033
size [# of strips]

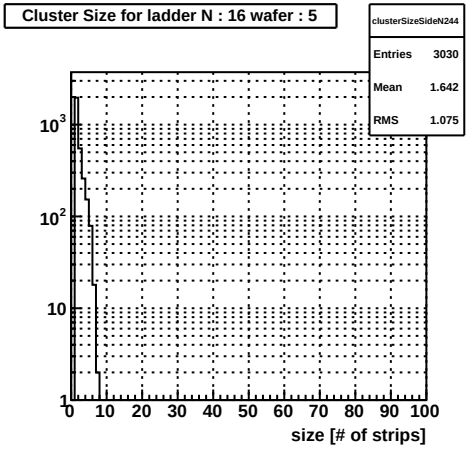

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 18660
Mean 1.04
RMS 0.274
size [# of strips]

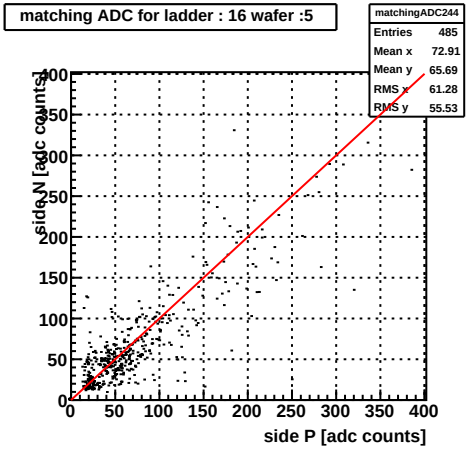

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 445
Mean x 76.02
Mean y 63.83
RMS x 69.36
RMS y 62.49
side N [adc counts]
side P [adc counts]

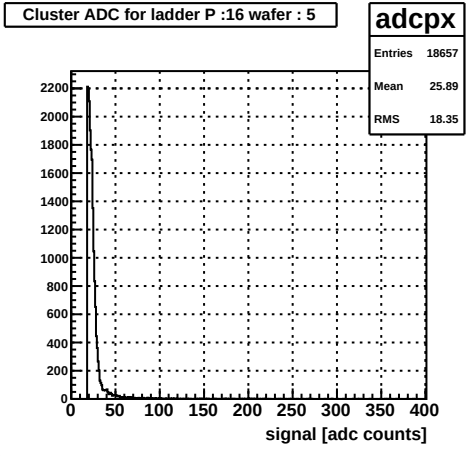

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 5149
Mean 37.16
RMS 39.68
signal [adc counts]

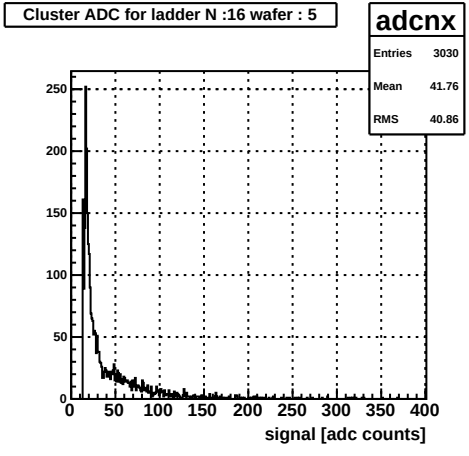

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 18660
Mean 19.36
RMS 14.91
signal [adc counts]

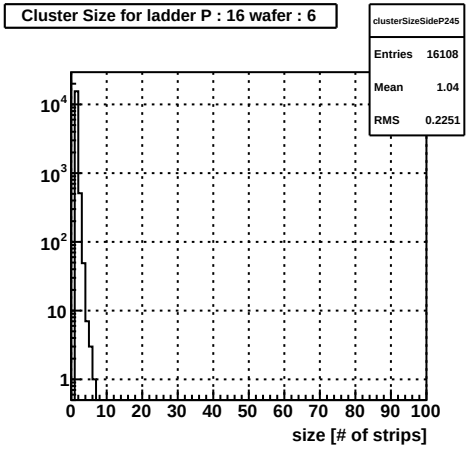

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 18657
Mean 1.043
RMS 0.2287
size [# of strips]

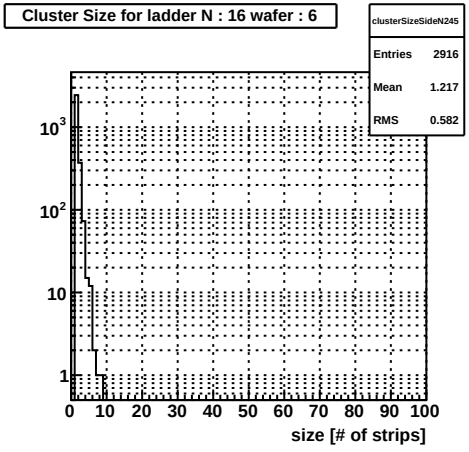

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3030
Mean 1.642
RMS 1.075
size [# of strips]

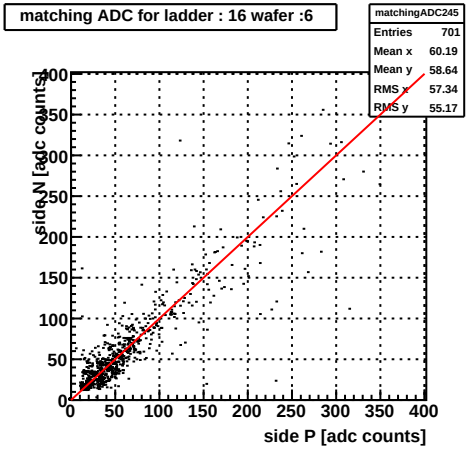

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 485
Mean x 72.91
Mean y 65.69
RMS x 61.28
RMS y 55.53
side N [adc counts]
side P [adc counts]

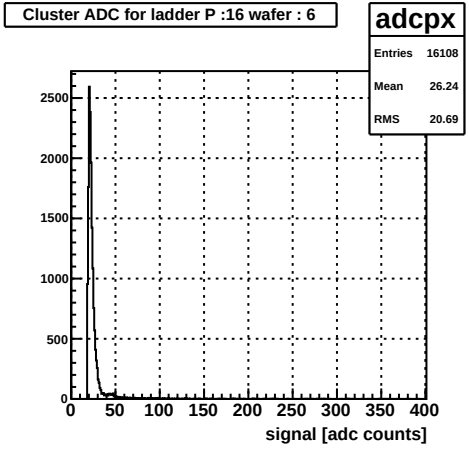

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 18657
Mean 25.89
RMS 18.35
signal [adc counts]

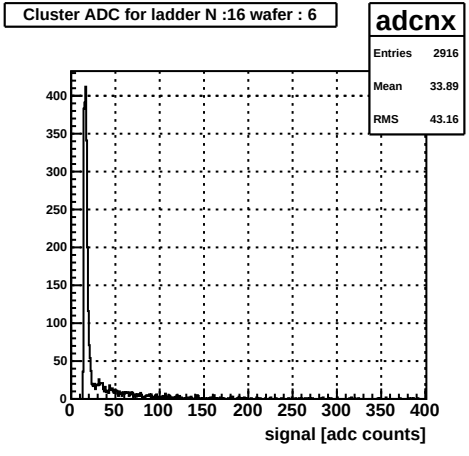

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3030
Mean 41.76
RMS 40.86
signal [adc counts]

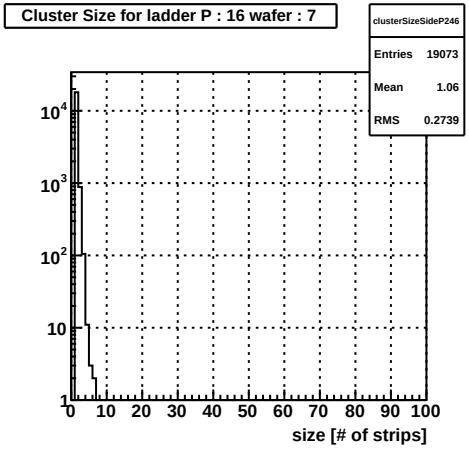

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 16108
Mean 1.04
RMS 0.2251
size [# of strips]

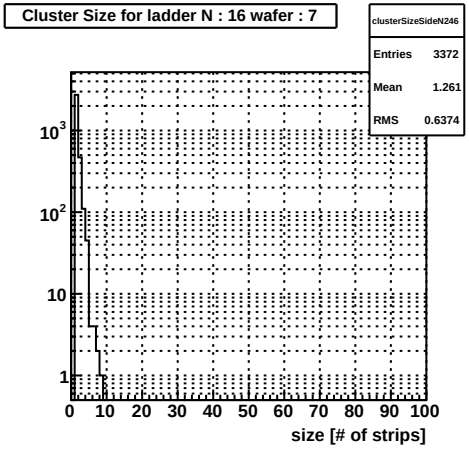

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2916
Mean 1.217
RMS 0.582
size [# of strips]

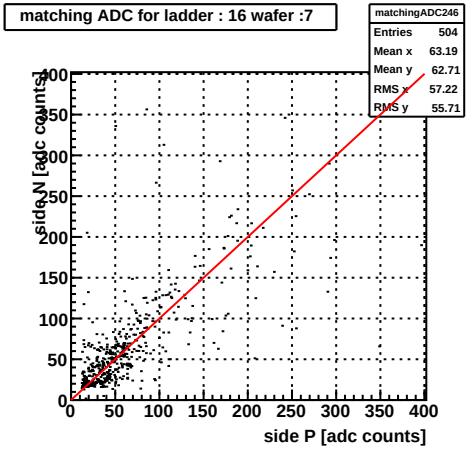

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 701
Mean x 60.19
Mean y 58.64
RMS x 57.34
RMS y 55.17
side N [adc counts]
side P [adc counts]

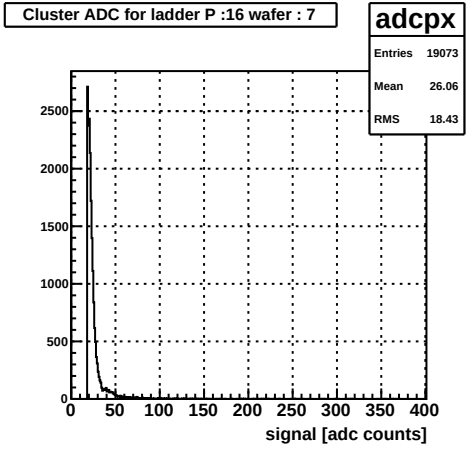

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 16108
Mean 26.24
RMS 20.69
signal [adc counts]

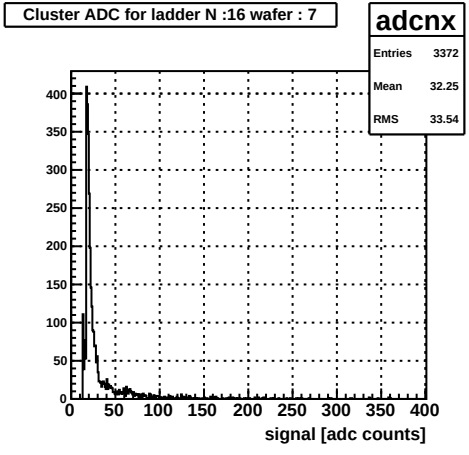

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2916
Mean 33.89
RMS 43.16
signal [adc counts]

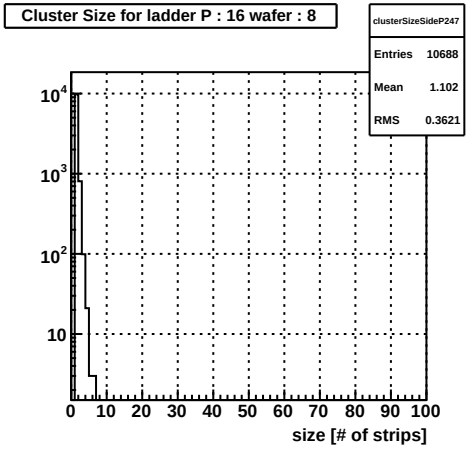

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 19073
Mean 1.06
RMS 0.2739
size [# of strips]

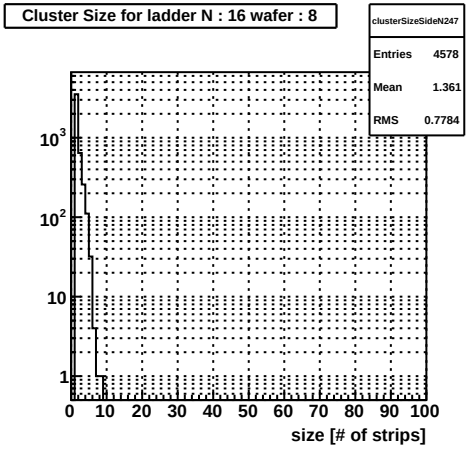

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3372
Mean 1.261
RMS 0.6374
size [# of strips]

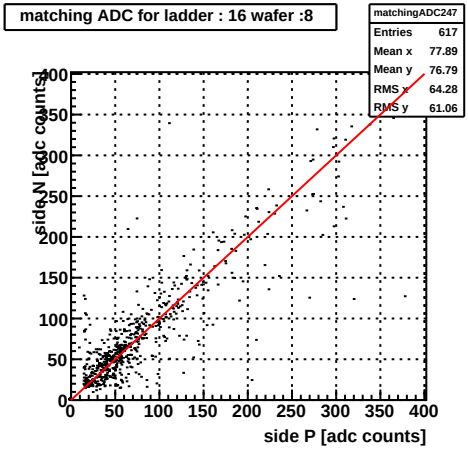

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 504
Mean x 63.19
Mean y 62.71
RMS x 57.22
RMS y 55.71
side N [adc counts]
side P [adc counts]

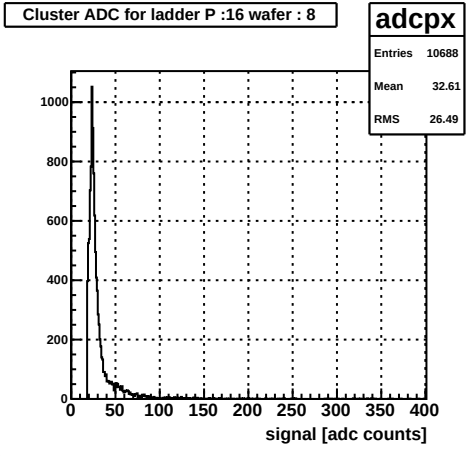

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 19073
Mean 26.06
RMS 18.43
signal [adc counts]

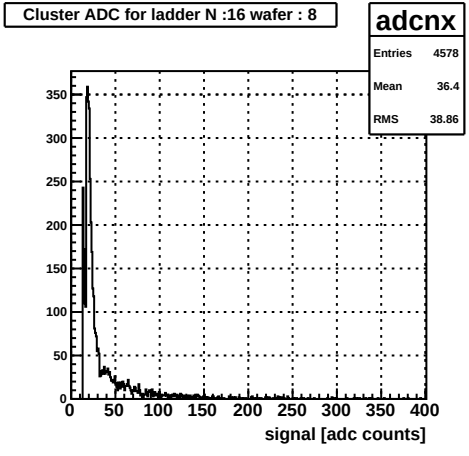

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3372
Mean 32.25
RMS 33.54
signal [adc counts]

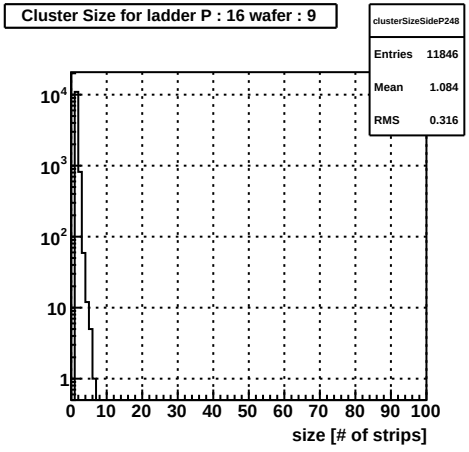

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10688
Mean 1.102
RMS 0.3621
size [# of strips]

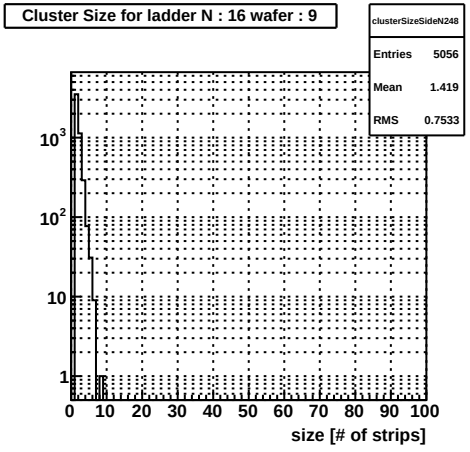

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4578
Mean 1.361
RMS 0.7784
size [# of strips]

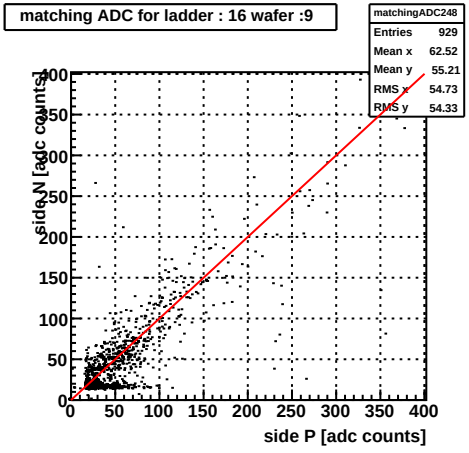

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 617
Mean x 77.89
Mean y 76.79
RMS x 64.28
RMS y 61.06
side N [adc counts]
side P [adc counts]

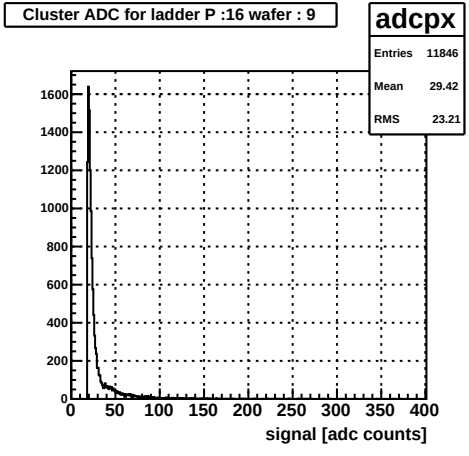

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10688
Mean 32.61
RMS 26.49
signal [adc counts]

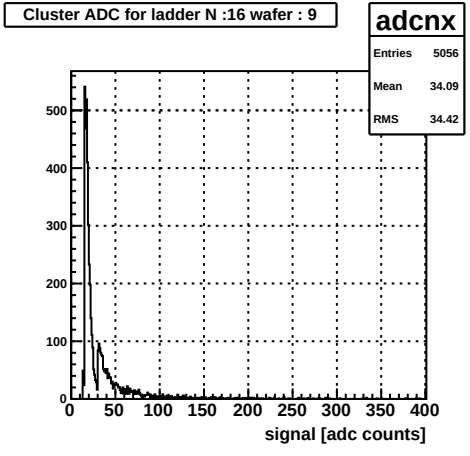

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4578
Mean 36.4
RMS 38.86
signal [adc counts]

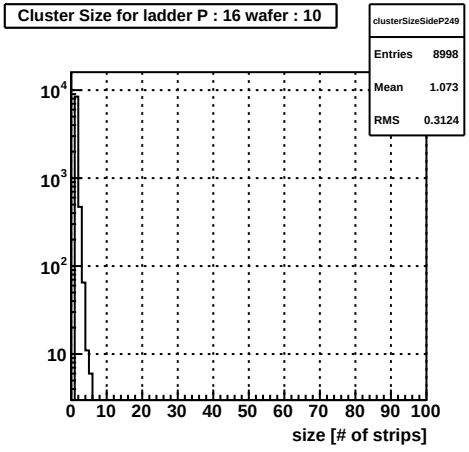

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11846
Mean 1.084
RMS 0.316
size [# of strips]

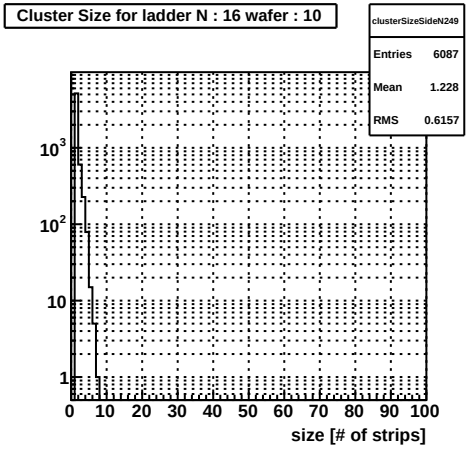

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 5056
Mean 1.419
RMS 0.7533
size [# of strips]

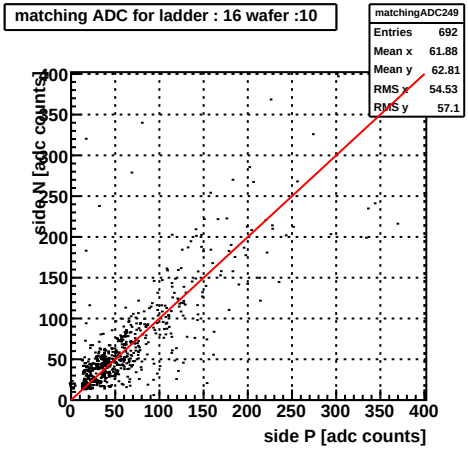

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 929
Mean x 62.52
Mean y 55.21
RMS x 54.73
RMS y 54.33
side N [adc counts]
side P [adc counts]

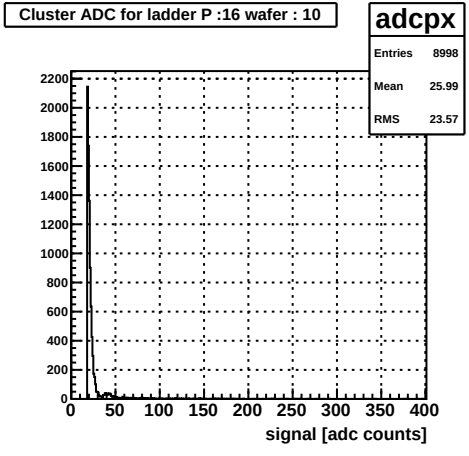

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11846
Mean 29.42
RMS 23.21
signal [adc counts]

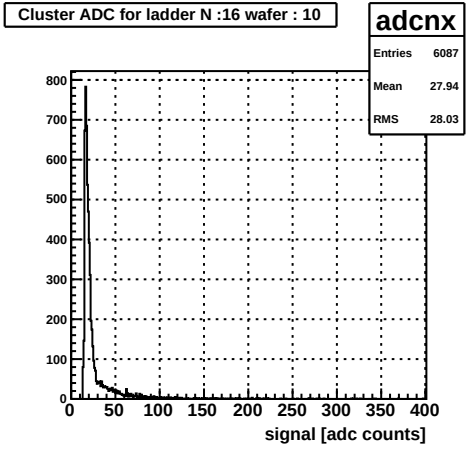

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 5056
Mean 34.09
RMS 34.42
signal [adc counts]

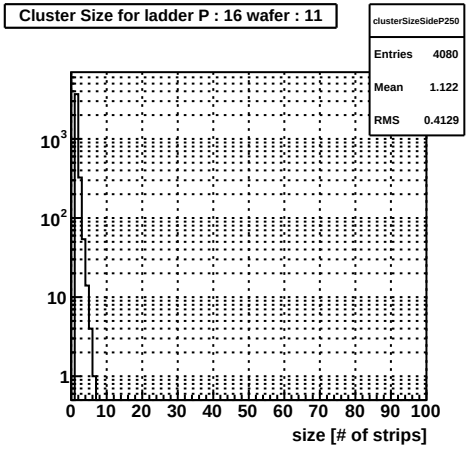

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8998
Mean 1.073
RMS 0.3124
size [# of strips]

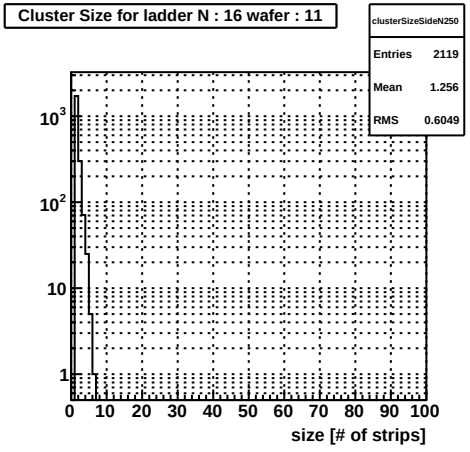

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 6087
Mean 1.228
RMS 0.6157
size [# of strips]

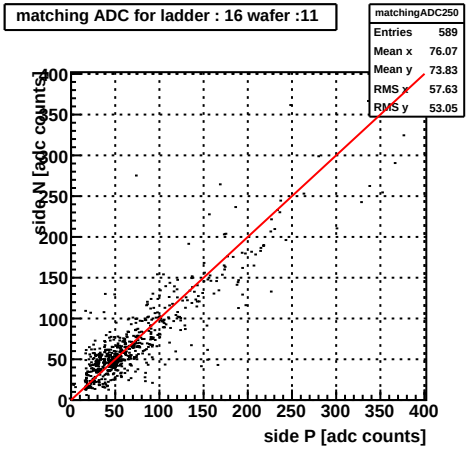

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 692
Mean x 61.88
Mean y 62.81
RMS x 54.53
RMS y 57.1
side N [adc counts]
side P [adc counts]

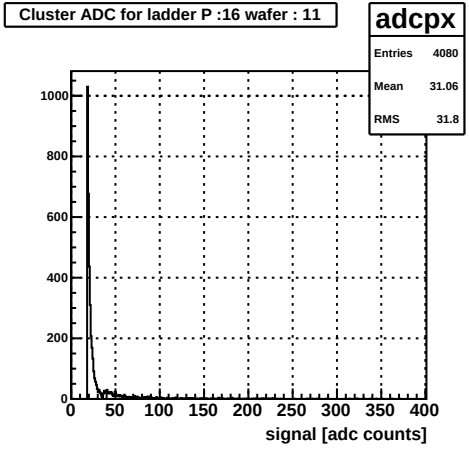

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8998
Mean 25.99
RMS 23.57
signal [adc counts]

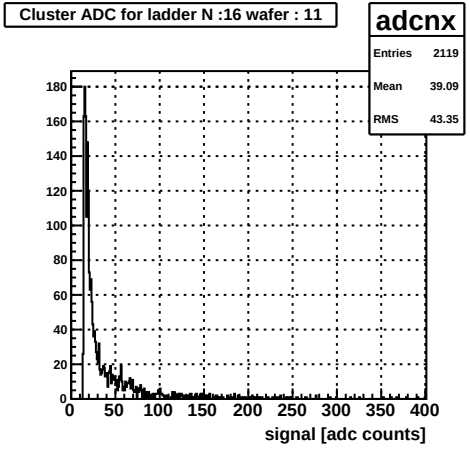

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 6087
Mean 27.94
RMS 28.03
signal [adc counts]

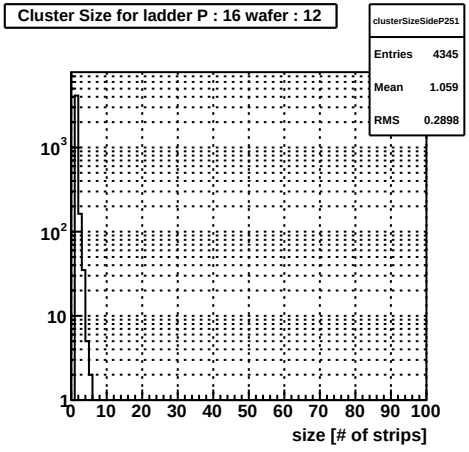

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4080
Mean 1.122
RMS 0.4129
size [# of strips]

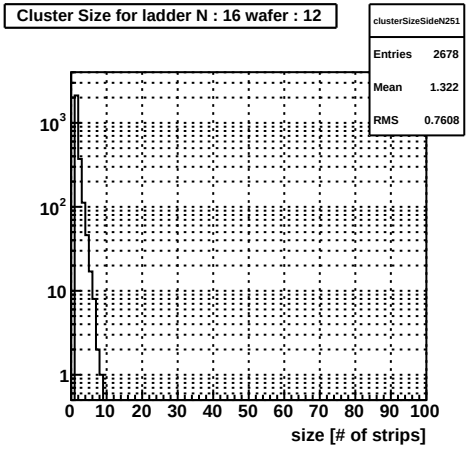

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2119
Mean 1.256
RMS 0.6049
size [# of strips]

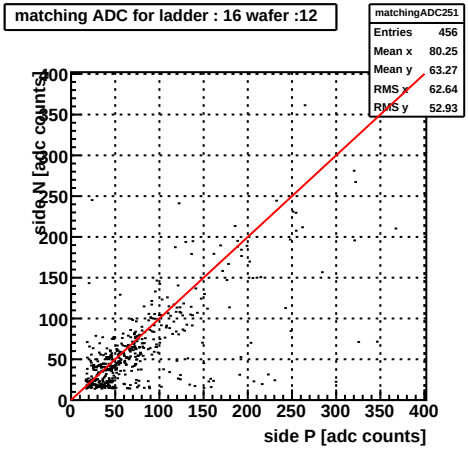

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 589
Mean x 76.07
Mean y 73.83
RMS x 57.63
RMS y 53.05
side N [adc counts]
side P [adc counts]

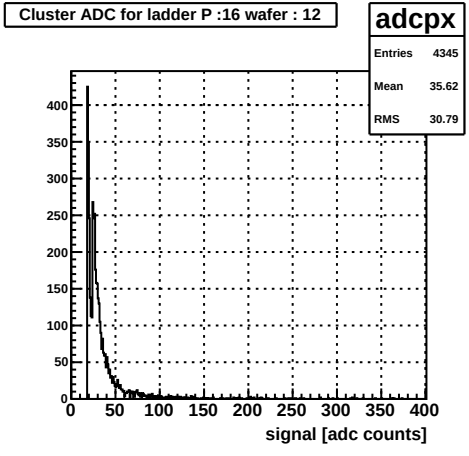

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4080
Mean 31.06
RMS 31.8
signal [adc counts]

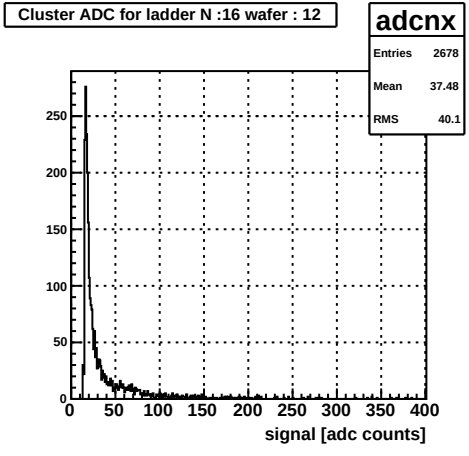

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2119
Mean 39.09
RMS 43.35
signal [adc counts]

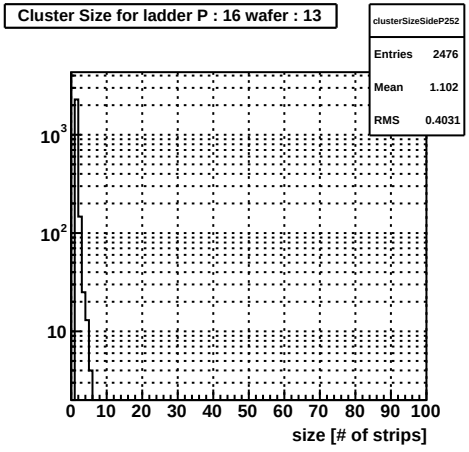

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4345
Mean 1.059
RMS 0.2898
size [# of strips]

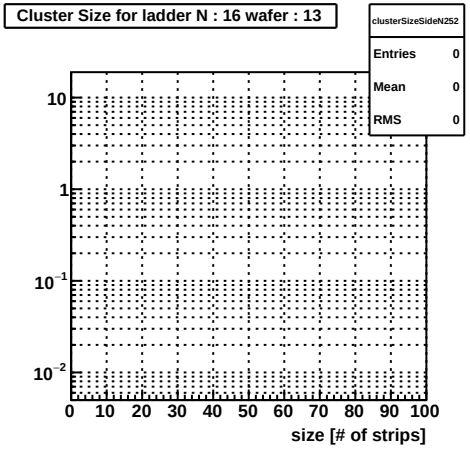

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2678
Mean 1.322
RMS 0.7608
size [# of strips]

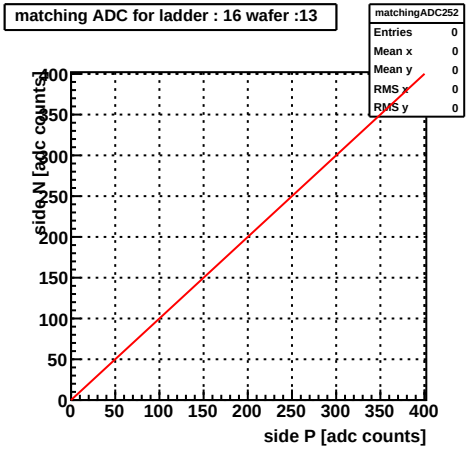

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 456
Mean x 80.25
Mean y 63.27
RMS x 62.64
RMS y 52.93
side N [adc counts]
side P [adc counts]

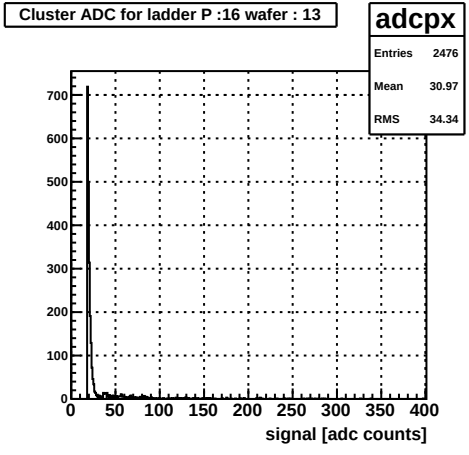

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4345
Mean 35.62
RMS 30.79
signal [adc counts]

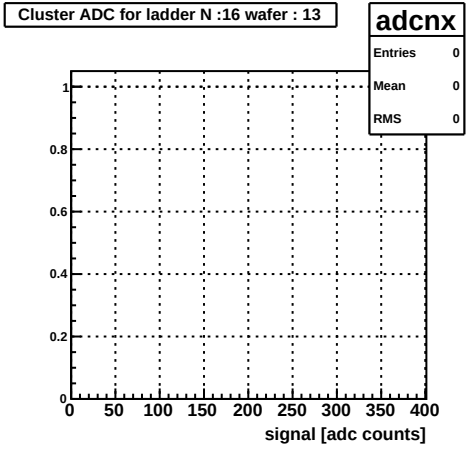

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2678
Mean 37.48
RMS 40.1
signal [adc counts]

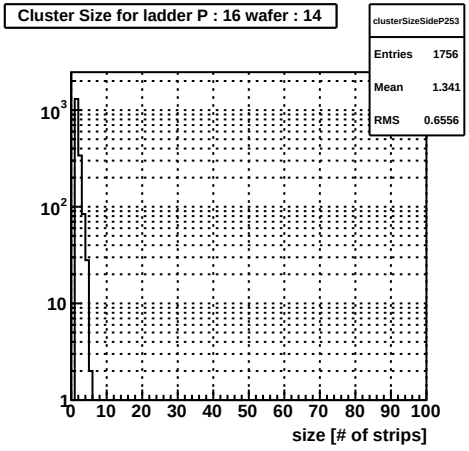

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2476
Mean 1.102
RMS 0.4031
size [# of strips]

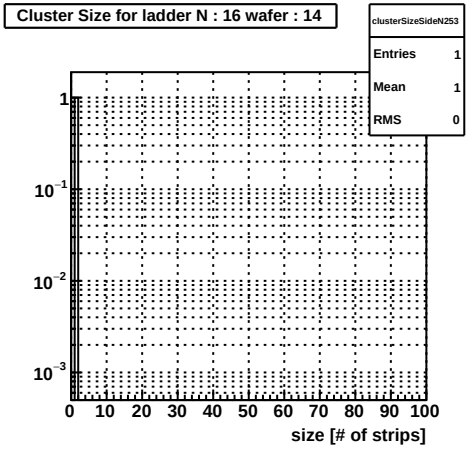

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

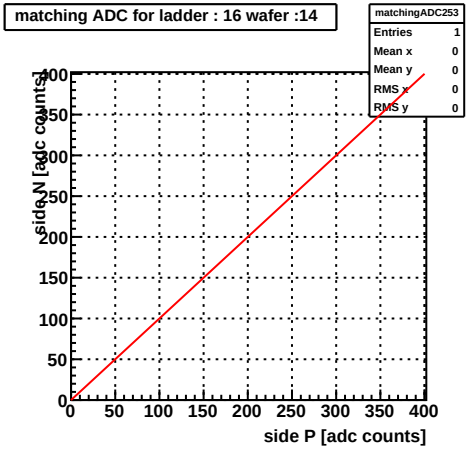

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

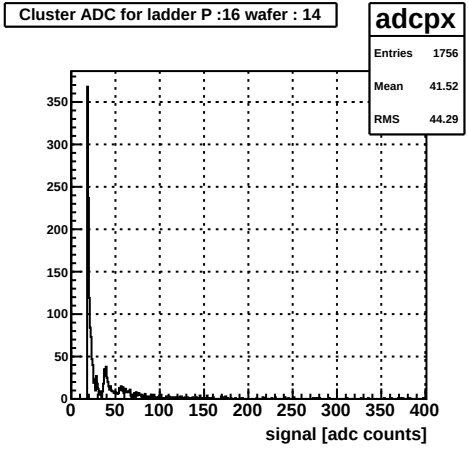

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2476
Mean 30.97
RMS 34.34
signal [adc counts]

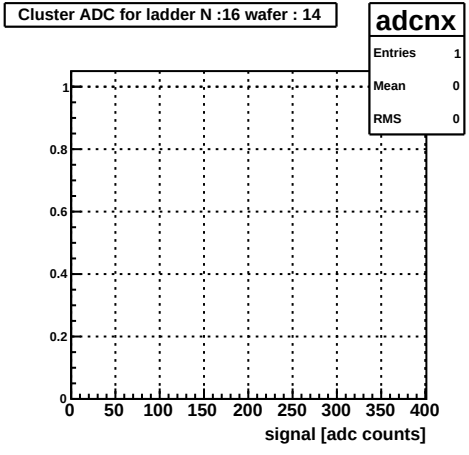

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

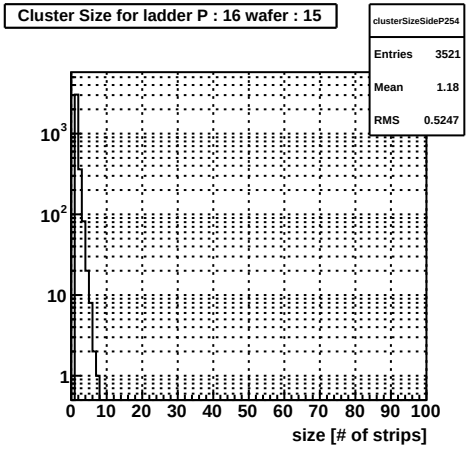

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1756
Mean 1.341
RMS 0.6556
size [# of strips]

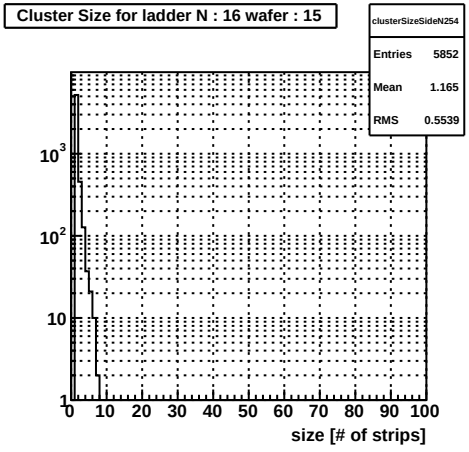

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

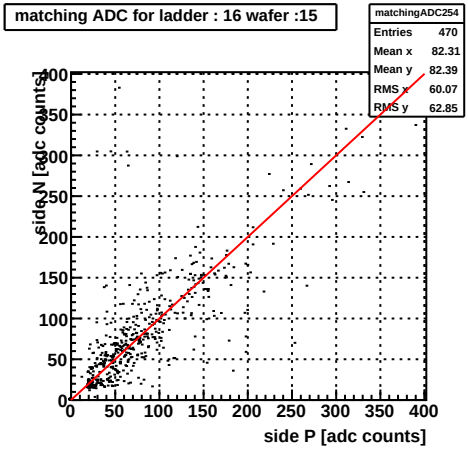

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

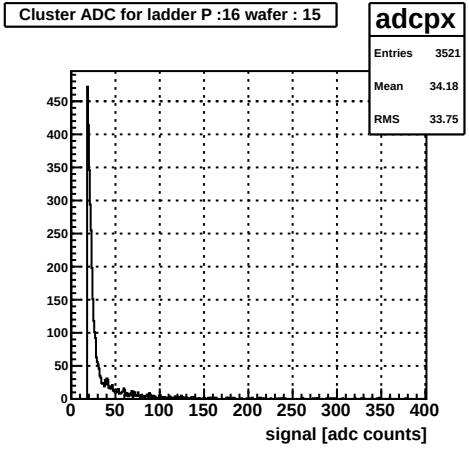

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1756
Mean 41.52
RMS 44.29
signal [adc counts]

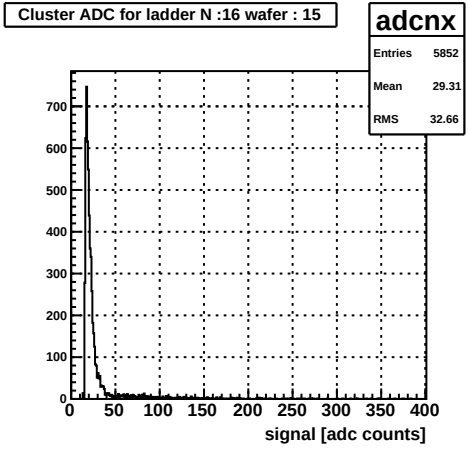

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

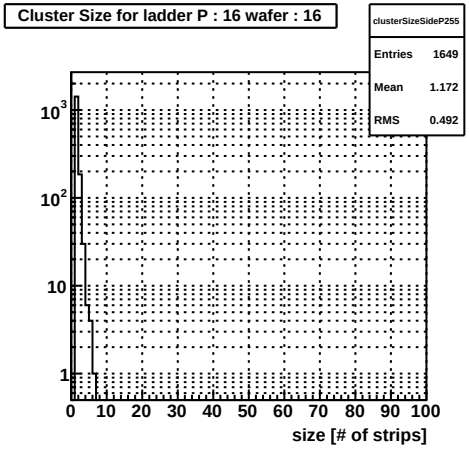

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3521
Mean 1.18
RMS 0.5247
size [# of strips]

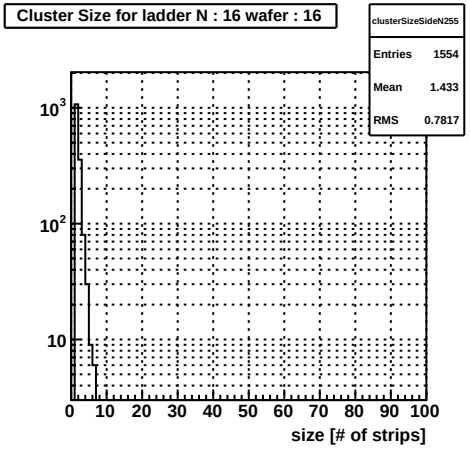

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 5852
Mean 1.165
RMS 0.5539
size [# of strips]

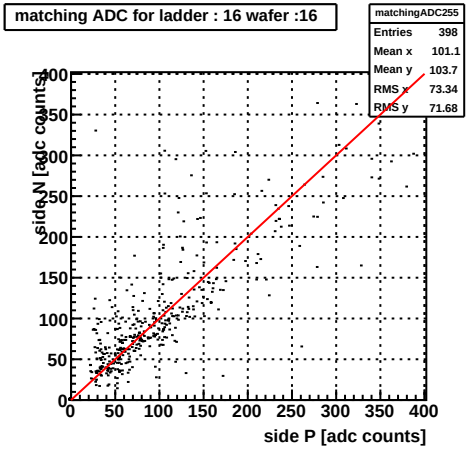

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 470
Mean x 82.31
Mean y 82.39
RMS x 60.07
RMS y 62.85
side N [adc counts]
side P [adc counts]

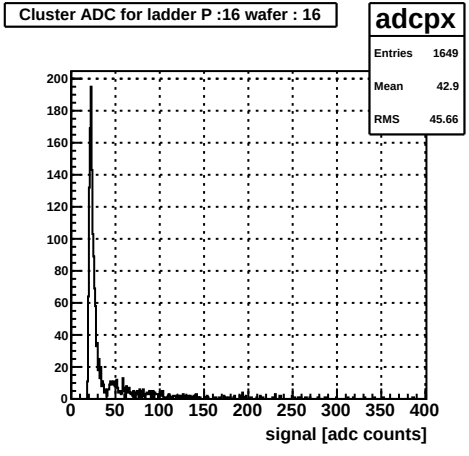

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3521
Mean 34.18
RMS 33.75
signal [adc counts]

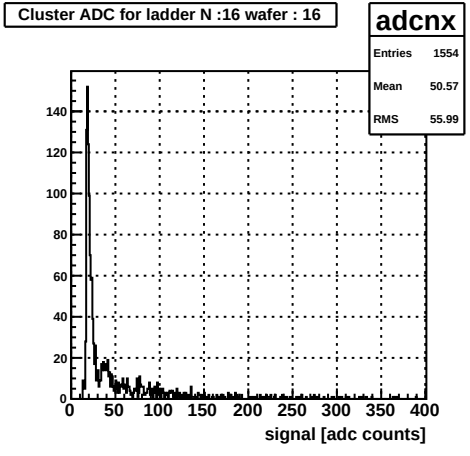

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 5852
Mean 29.31
RMS 32.66
signal [adc counts]

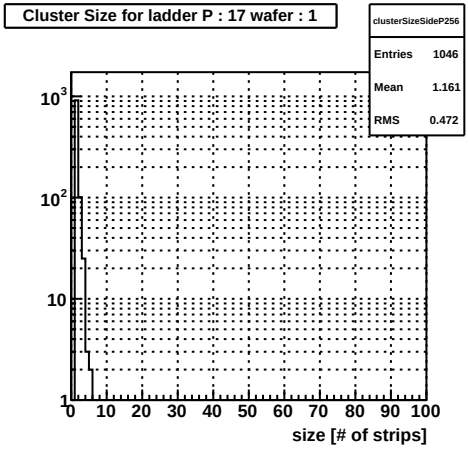

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1649
Mean 1.172
RMS 0.492
size [# of strips]

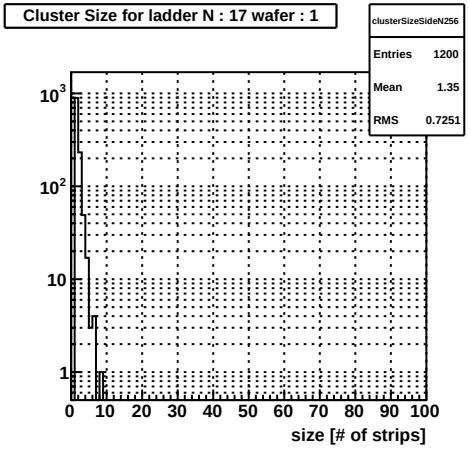

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1554
Mean 1.433
RMS 0.7817
size [# of strips]

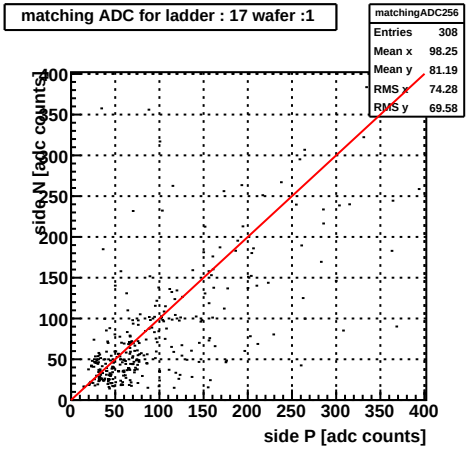

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 398
Mean x 101.1
Mean y 103.7
RMS x 73.34
RMS y 71.68
side N [adc counts]
side P [adc counts]

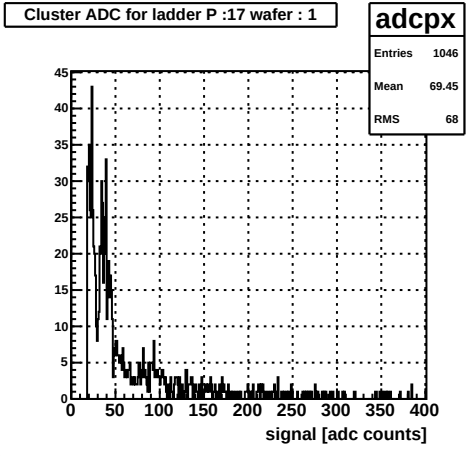

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1649
Mean 42.9
RMS 45.66
signal [adc counts]

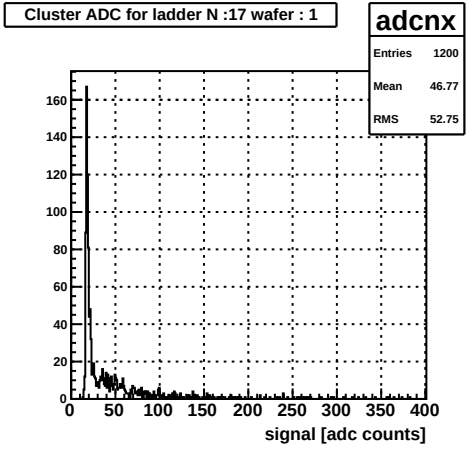

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1554
Mean 50.57
RMS 55.99
signal [adc counts]

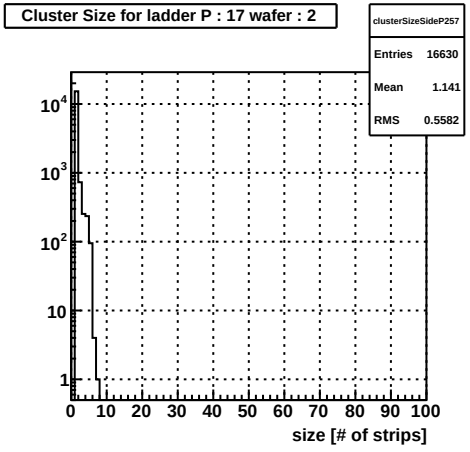

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1046
Mean 1.161
RMS 0.472
size [# of strips]

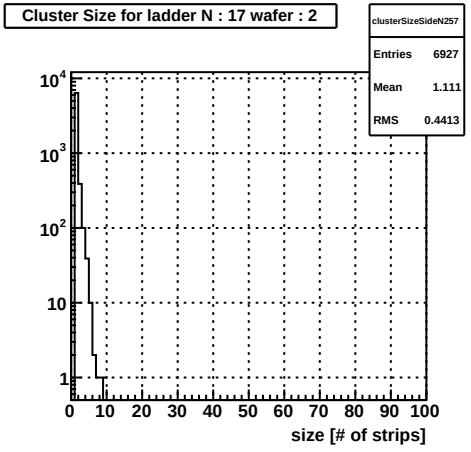

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1200
Mean 1.35
RMS 0.7251
size [# of strips]

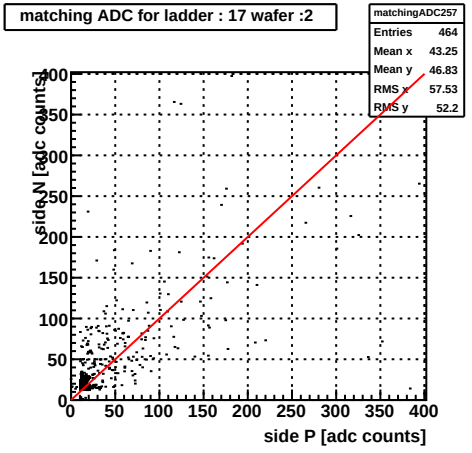

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 308
Mean x 98.25
Mean y 81.19
RMS x 74.28
RMS y 69.58
side N [adc counts]
side P [adc counts]

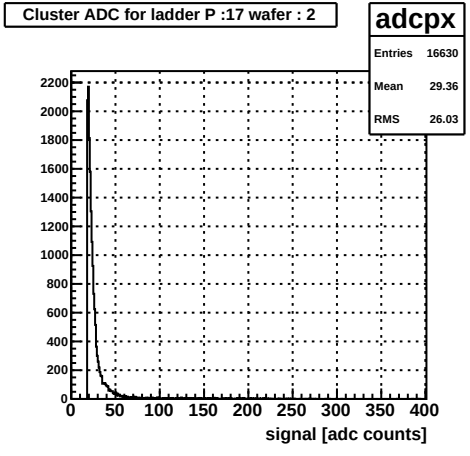

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1046
Mean 69.45
RMS 68
signal [adc counts]

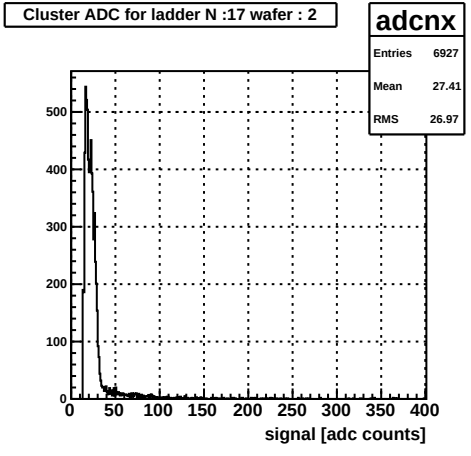

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1200
Mean 46.77
RMS 52.75
signal [adc counts]

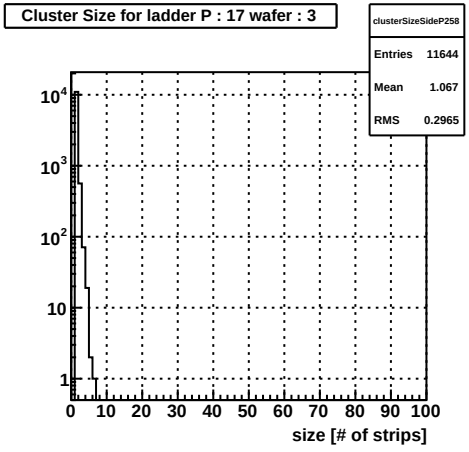

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 16630
Mean 1.141
RMS 0.5582
size [# of strips]

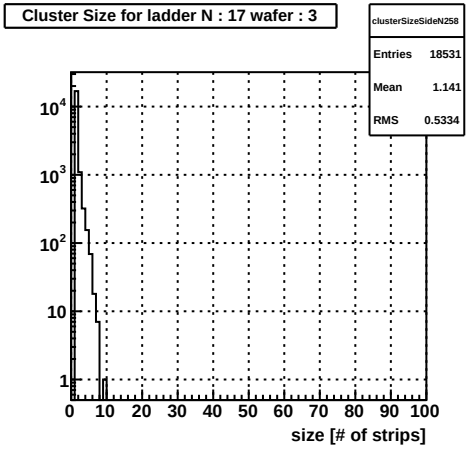

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 6927
Mean 1.111
RMS 0.4413
size [# of strips]

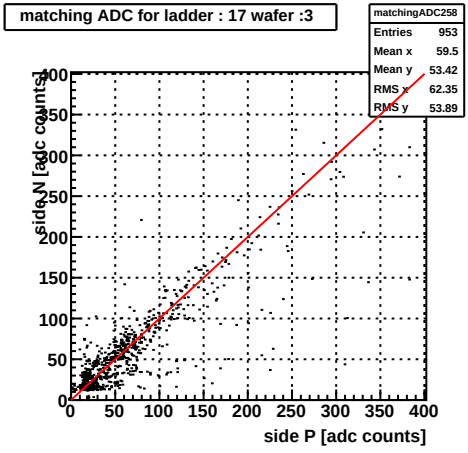

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 464
Mean x 43.25
Mean y 46.83
RMS x 57.53
RMS y 52.2
side N [adc counts]
side P [adc counts]

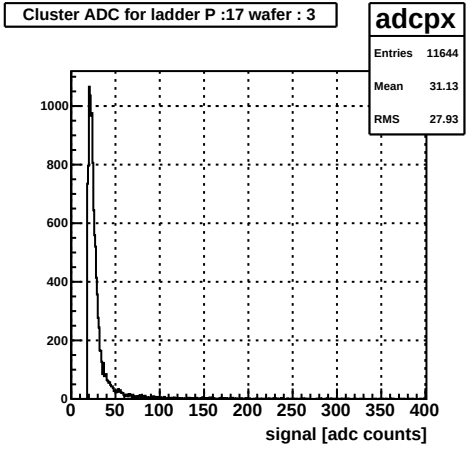

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 16630
Mean 29.36
RMS 26.03
signal [adc counts]

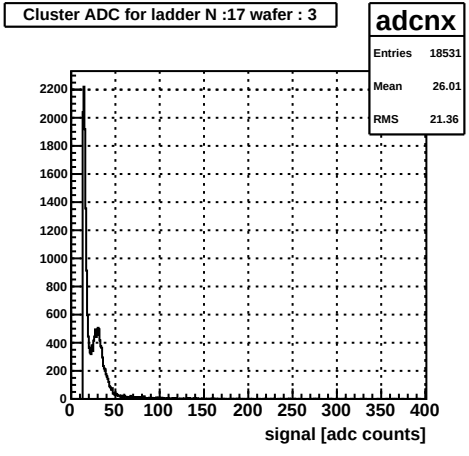

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 6927
Mean 27.41
RMS 26.97
signal [adc counts]

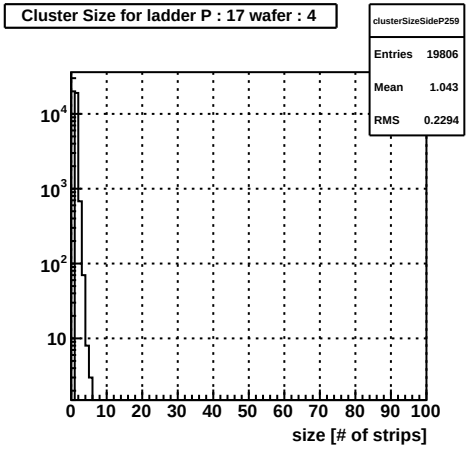

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 11644
Mean 1.067
RMS 0.2965
size [# of strips]

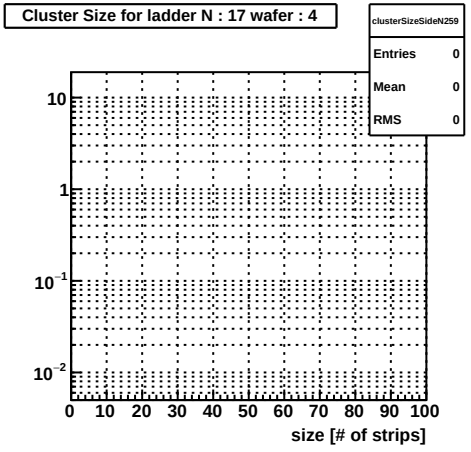

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 18531
Mean 1.141
RMS 0.5334
size [# of strips]

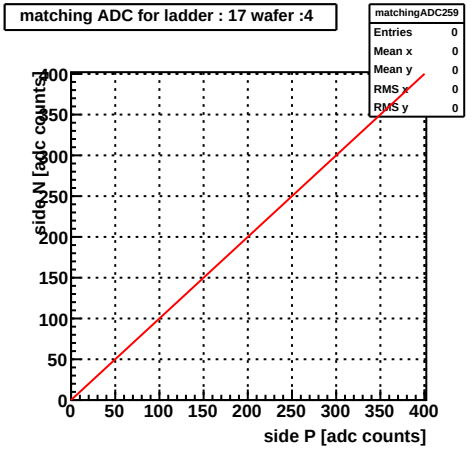

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 953
Mean x 59.5
Mean y 53.42
RMS x 62.35
RMS y 53.89
side N [adc counts]
side P [adc counts]

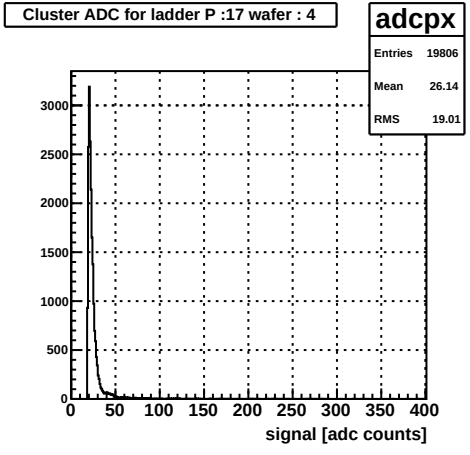

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 11644
Mean 31.13
RMS 27.93
signal [adc counts]

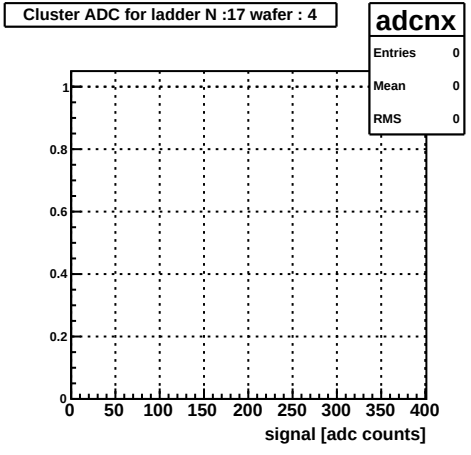

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 18531
Mean 26.01
RMS 21.36
signal [adc counts]

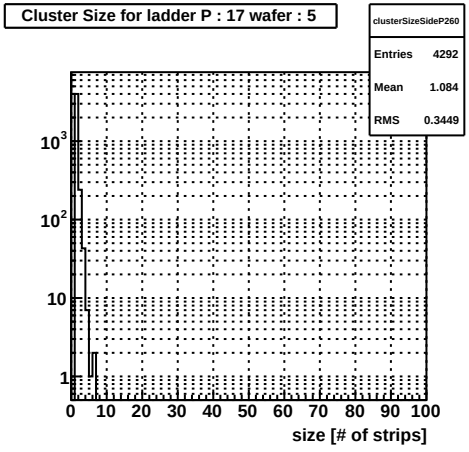

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 19806
Mean 1.043
RMS 0.2294
size [# of strips]

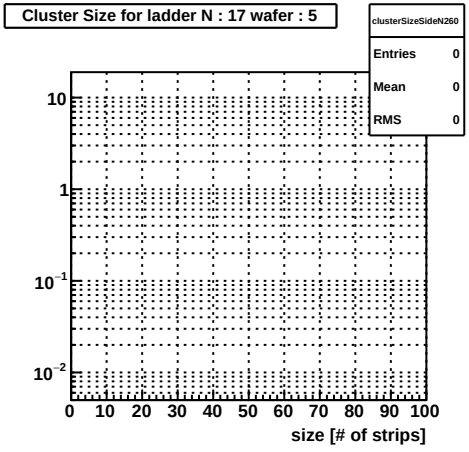

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

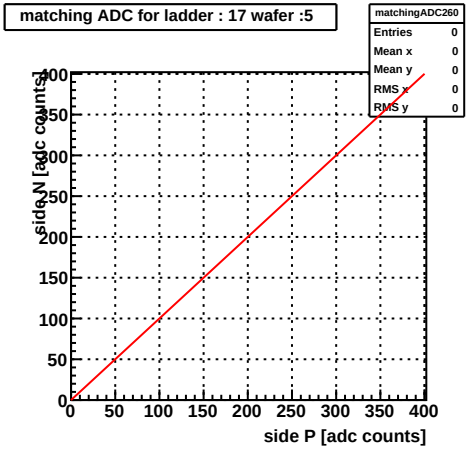

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

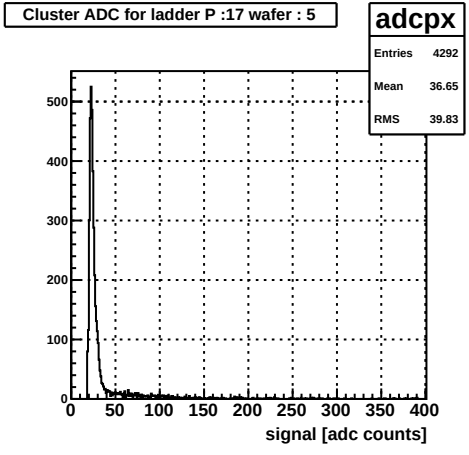

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 19806
Mean 26.14
RMS 19.01
signal [adc counts]

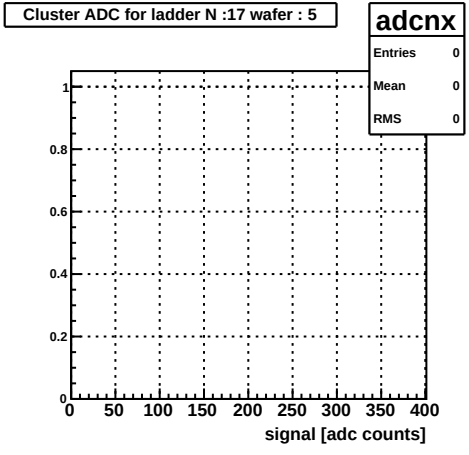

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

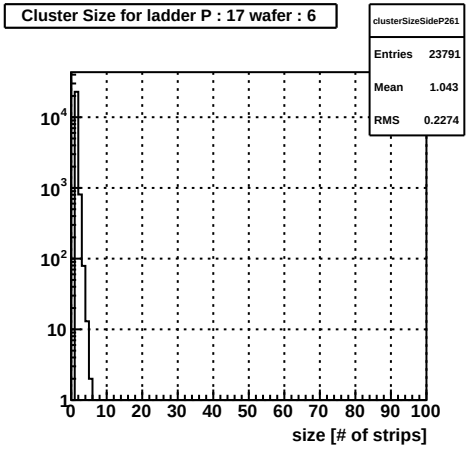

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4292
Mean 1.084
RMS 0.3449
size [# of strips]

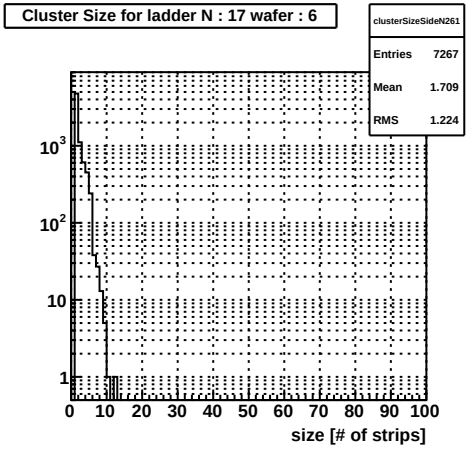

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

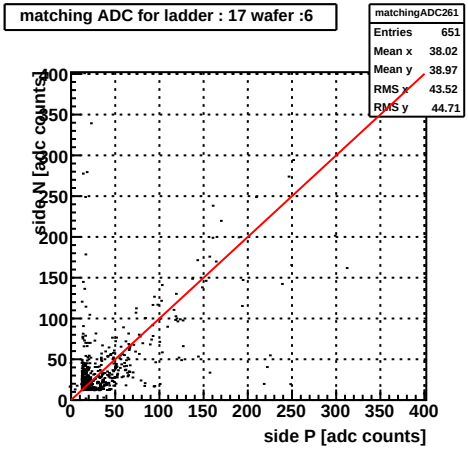

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

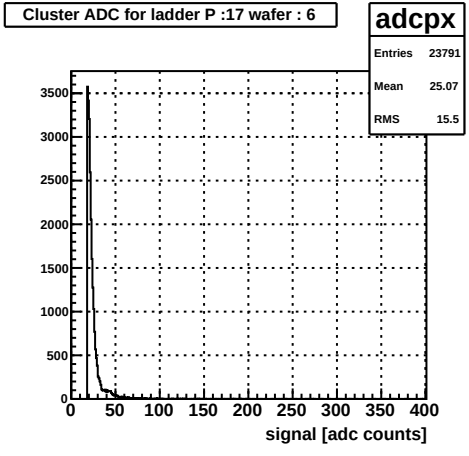

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4292
Mean 36.65
RMS 39.83
signal [adc counts]

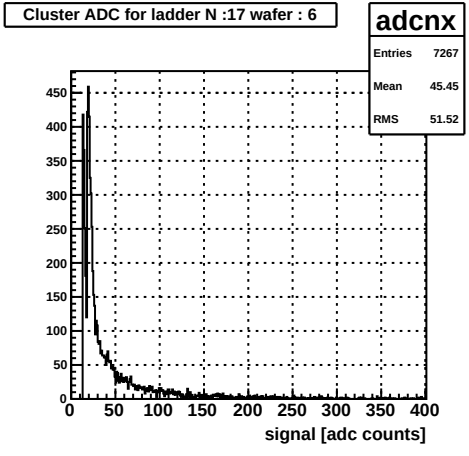

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

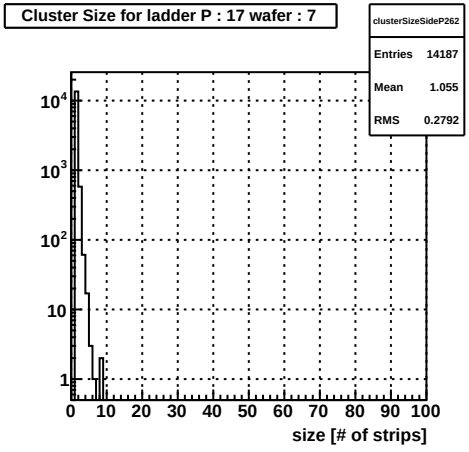

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 23791
Mean 1.043
RMS 0.2274
size [# of strips]

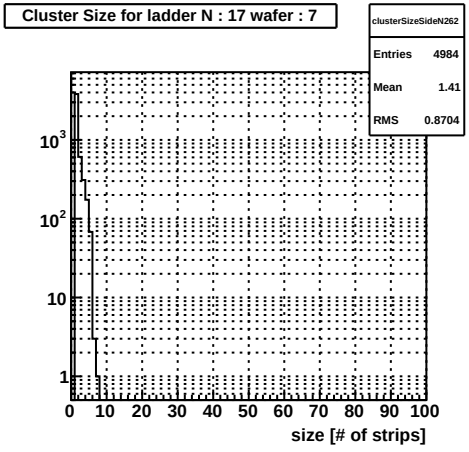

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 7267
Mean 1.709
RMS 1.224
size [# of strips]

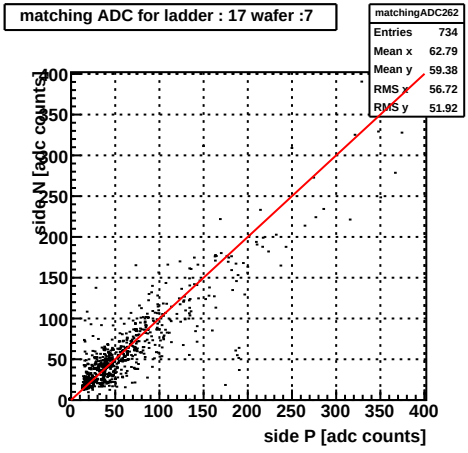

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 651
Mean x 38.02
Mean y 38.97
RMS x 43.52
RMS y 44.71
side N [adc counts]
side P [adc counts]

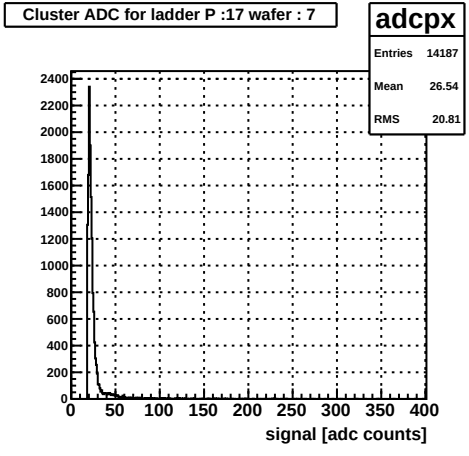

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 23791
Mean 25.07
RMS 15.5
signal [adc counts]

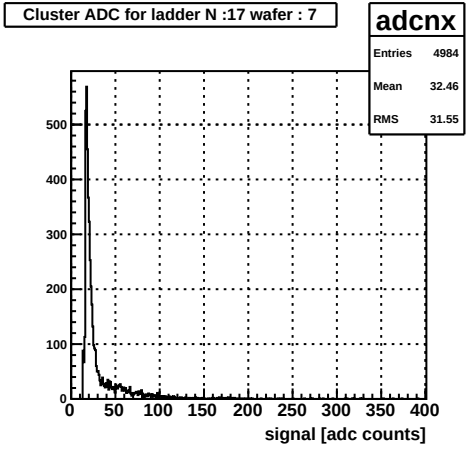

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 7267
Mean 45.45
RMS 51.52
signal [adc counts]

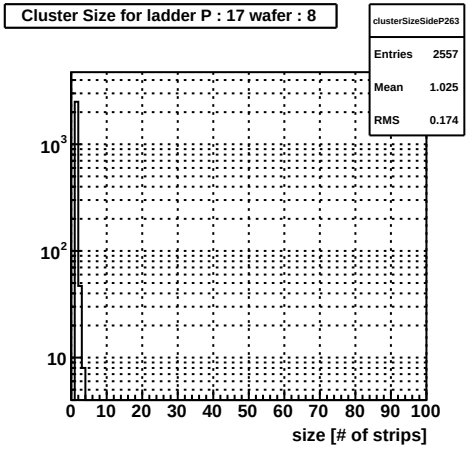

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 14187
Mean 1.055
RMS 0.2792
size [# of strips]

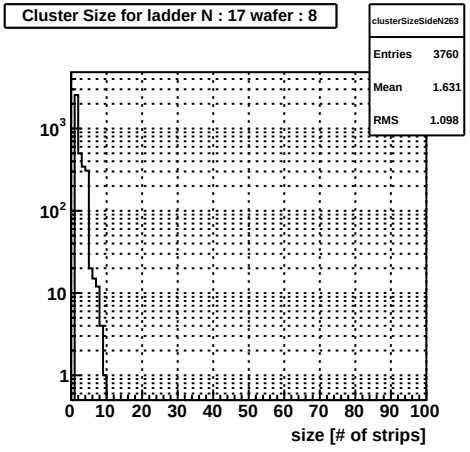

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4984
Mean 1.41
RMS 0.8704
size [# of strips]

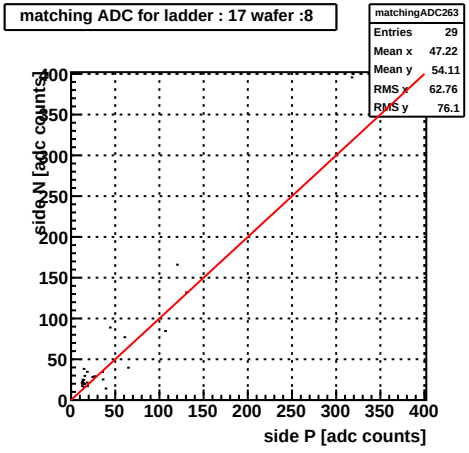

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 734
Mean x 62.79
Mean y 59.38
RMS x 56.72
RMS y 51.92
side N [adc counts]
side P [adc counts]

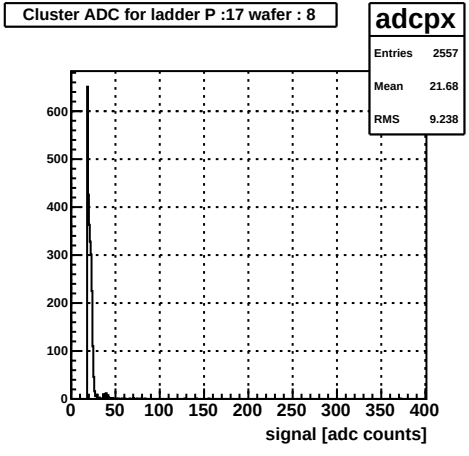

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 14187
Mean 26.54
RMS 20.81
signal [adc counts]

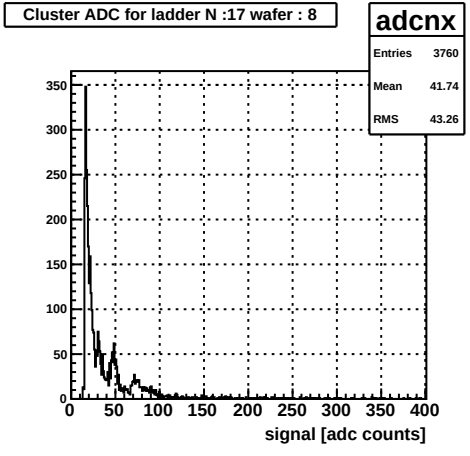

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4984
Mean 32.46
RMS 31.55
signal [adc counts]

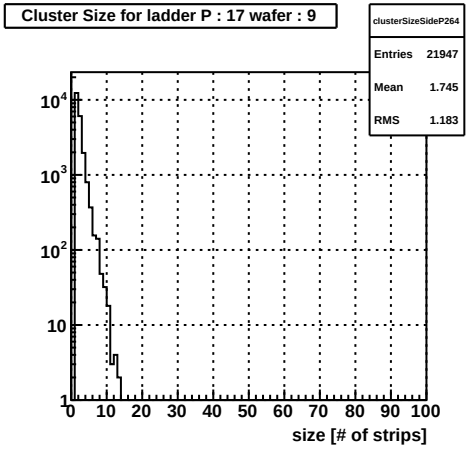

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 2557
Mean 1.025
RMS 0.174
size [# of strips]

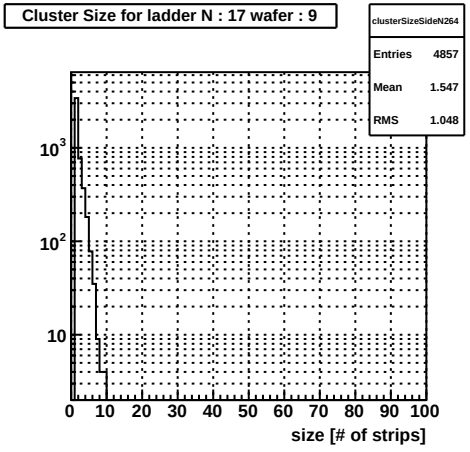

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3760
Mean 1.631
RMS 1.098
size [# of strips]

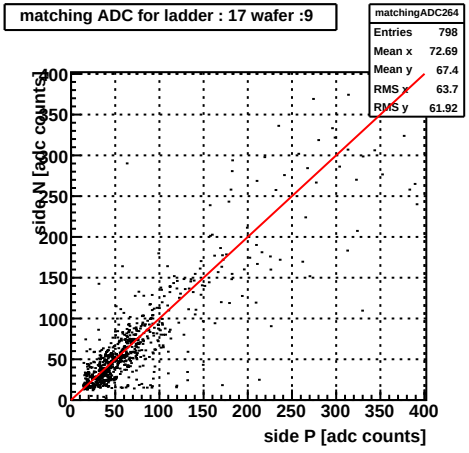

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 29
Mean x 47.22
Mean y 54.11
RMS x 62.76
RMS y 76.1
side N [adc counts]
side P [adc counts]

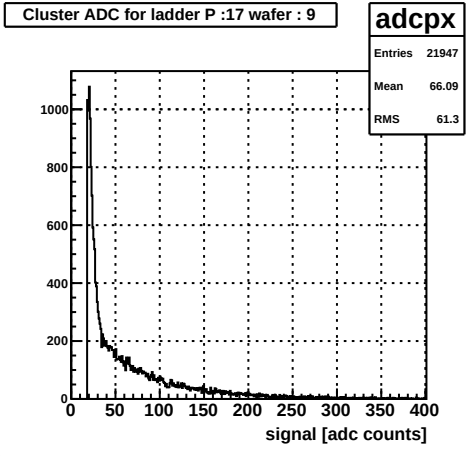

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 2557
Mean 21.68
RMS 9.238
signal [adc counts]

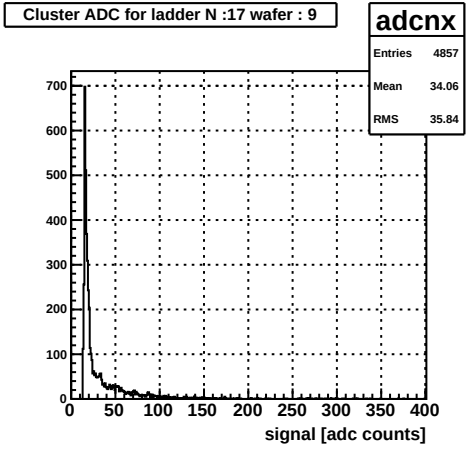

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3760
Mean 41.74
RMS 43.26
signal [adc counts]

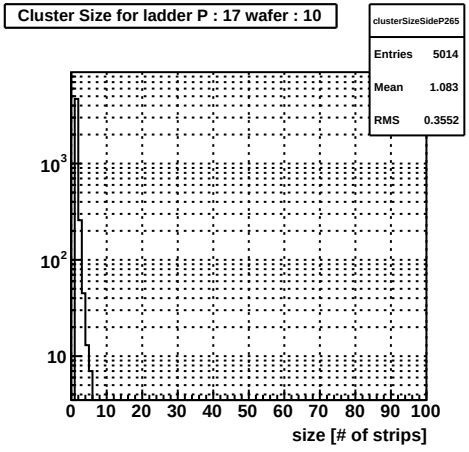

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 21947
Mean 1.745
RMS 1.183
size [# of strips]

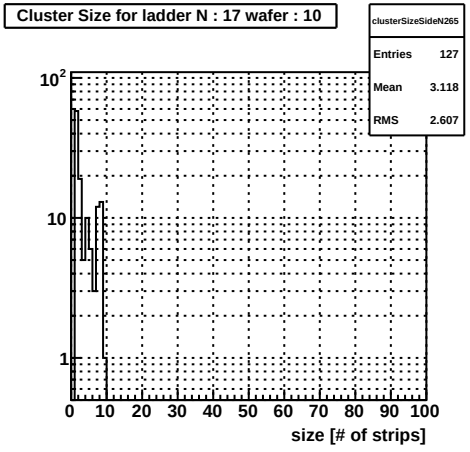

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4857
Mean 1.547
RMS 1.048
size [# of strips]

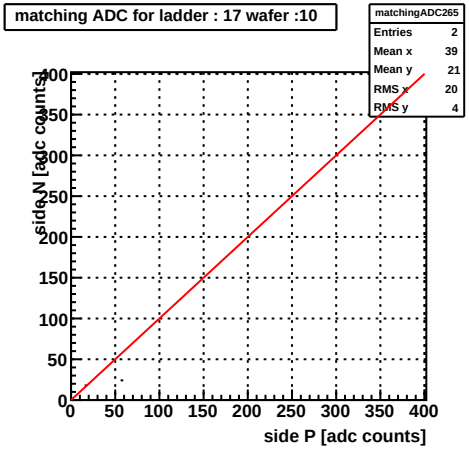

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 798
Mean x 72.69
Mean y 67.4
RMS x 63.7
RMS y 61.92
side N [adc counts]
side P [adc counts]

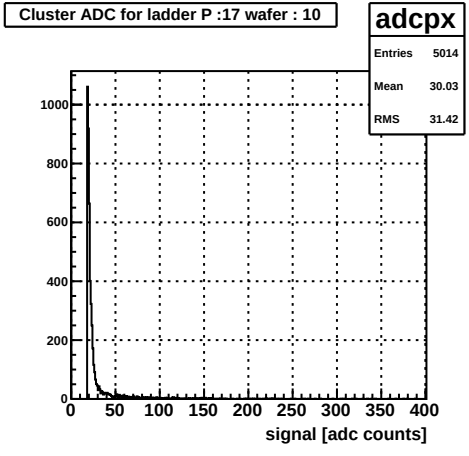

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 21947
Mean 66.09
RMS 61.3
signal [adc counts]

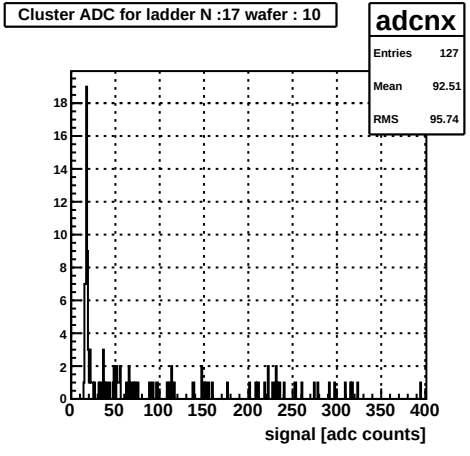

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4857
Mean 34.06
RMS 35.84
signal [adc counts]

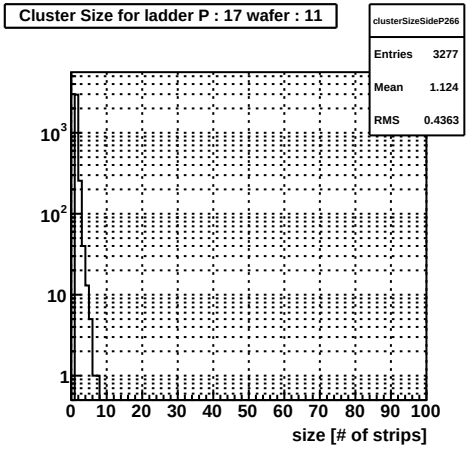

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5014
Mean 1.083
RMS 0.3552
size [# of strips]

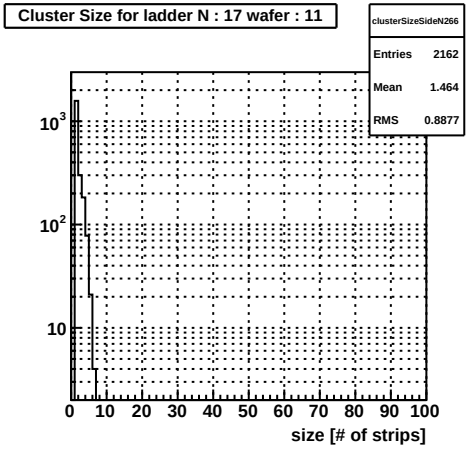

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 127
Mean 3.118
RMS 2.607
size [# of strips]

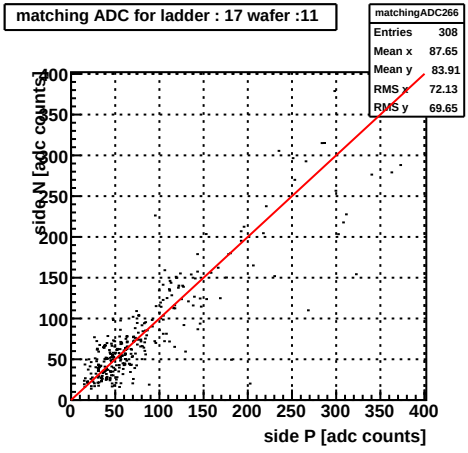

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 39
Mean y 21
RMS x 20
RMS y 4
side N [adc counts]
side P [adc counts]

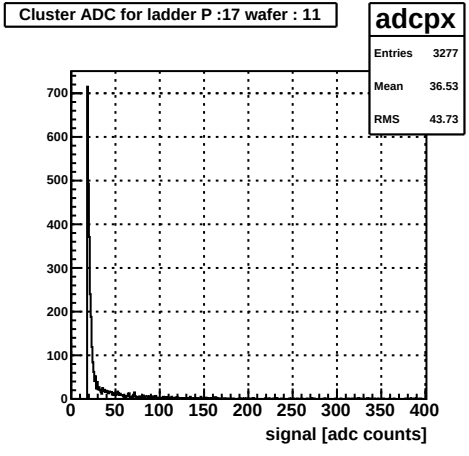

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5014
Mean 30.03
RMS 31.42
signal [adc counts]

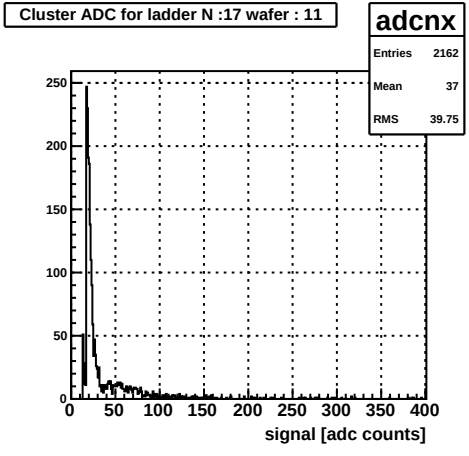

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 127
Mean 92.51
RMS 95.74
signal [adc counts]

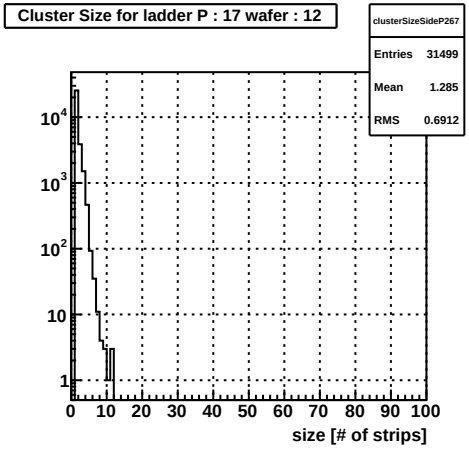

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3277
Mean 1.124
RMS 0.4363
size [# of strips]

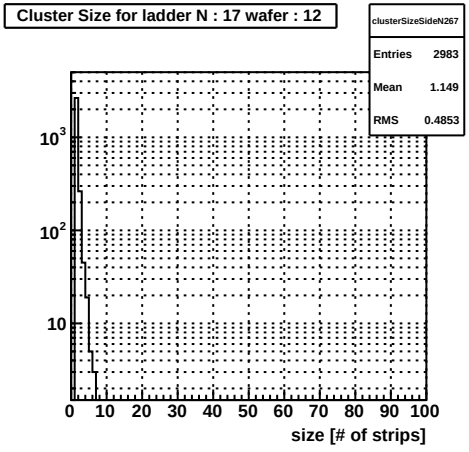

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2162
Mean 1.464
RMS 0.8877
size [# of strips]

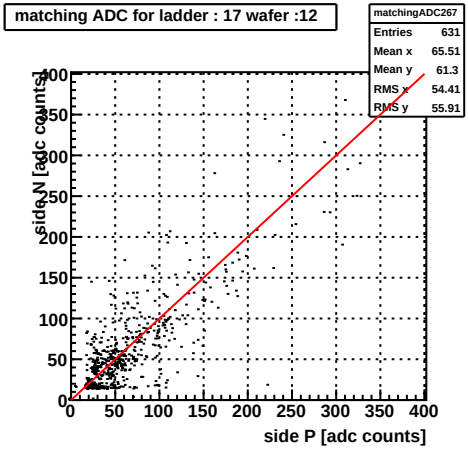

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 308
Mean x 87.65
Mean y 83.91
RMS x 72.13
RMS y 69.65
side N [adc counts]
side P [adc counts]

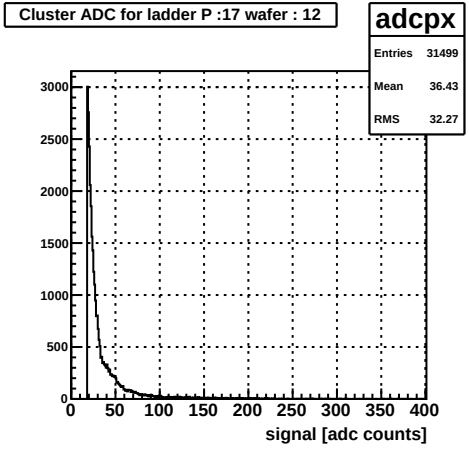

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3277
Mean 36.53
RMS 43.73
signal [adc counts]

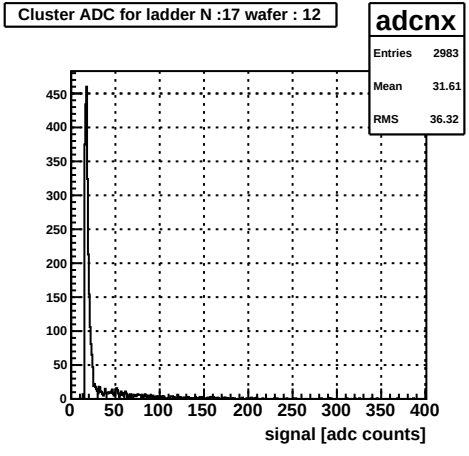

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2162
Mean 37
RMS 39.75
signal [adc counts]

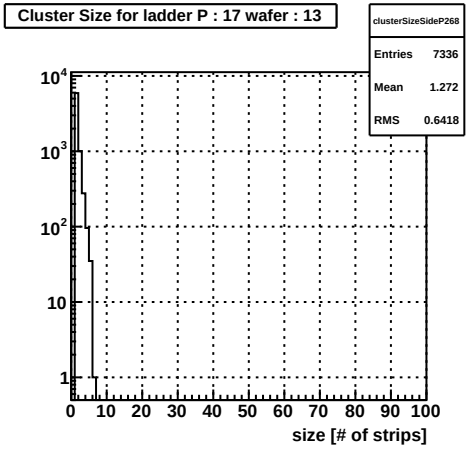

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 31499
Mean 1.285
RMS 0.6912
size [# of strips]

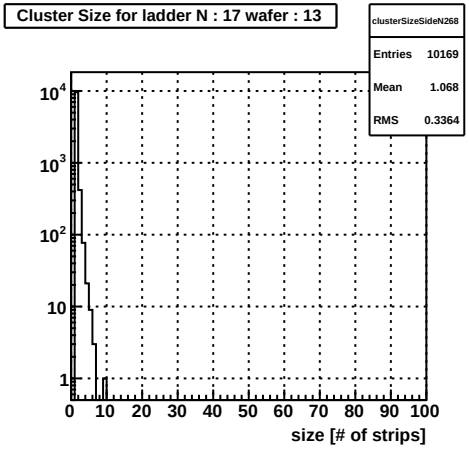

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2983
Mean 1.149
RMS 0.4853
size [# of strips]

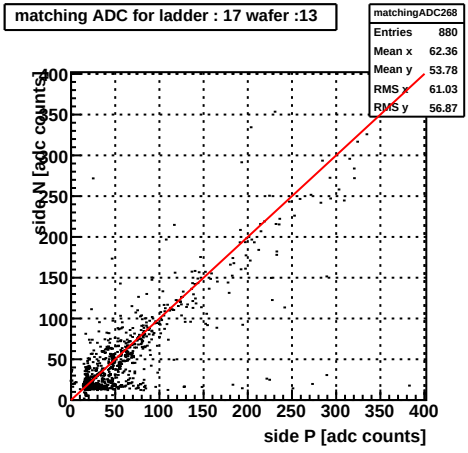

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 631
Mean x 65.51
Mean y 61.3
RMS x 54.41
RMS y 55.91
side N [adc counts]
side P [adc counts]

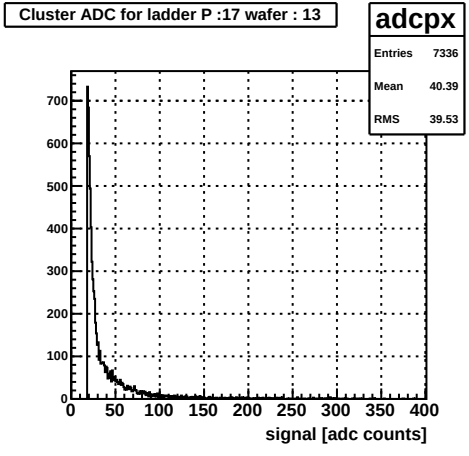

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 31499
Mean 36.43
RMS 32.27
signal [adc counts]

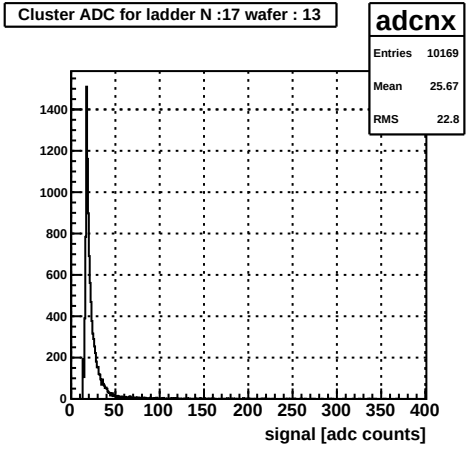

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2983
Mean 31.61
RMS 36.32
signal [adc counts]

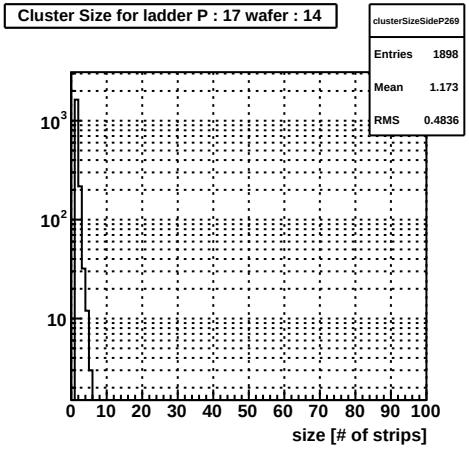

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7336
Mean 1.272
RMS 0.6418
size [# of strips]

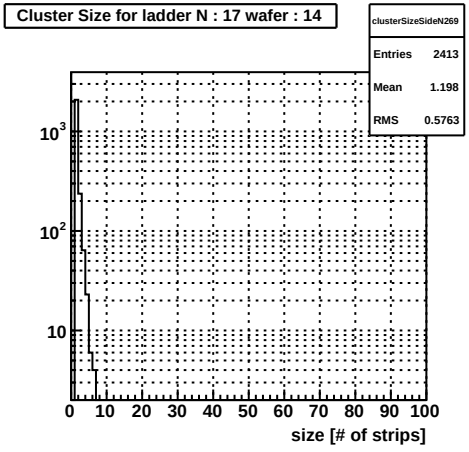

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 10169
Mean 1.068
RMS 0.3364
size [# of strips]

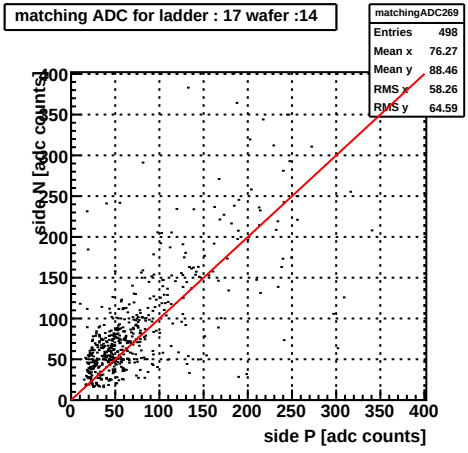

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 880
Mean x 62.36
Mean y 53.78
RMS x 61.03
RMS y 56.87
side N [adc counts]
side P [adc counts]

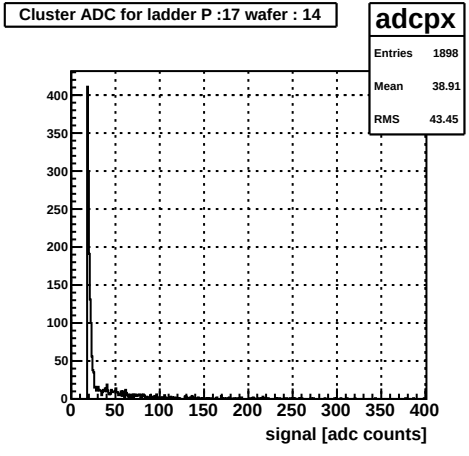

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7336
Mean 40.39
RMS 39.53
signal [adc counts]

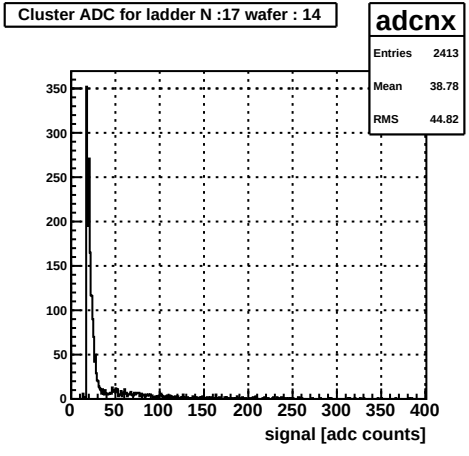

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 10169
Mean 25.67
RMS 22.8
signal [adc counts]

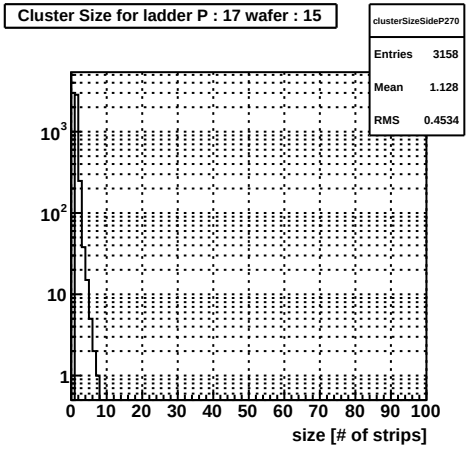

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1898
Mean 1.173
RMS 0.4836
size [# of strips]

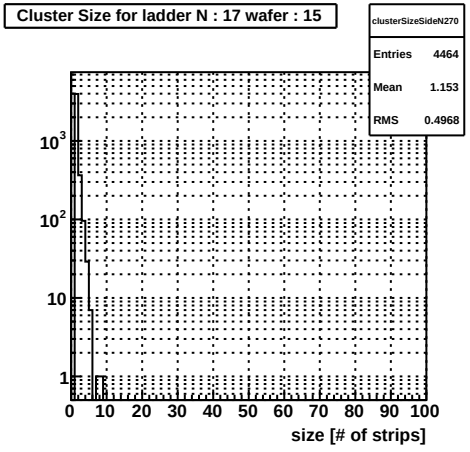

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2413
Mean 1.198
RMS 0.5763
size [# of strips]

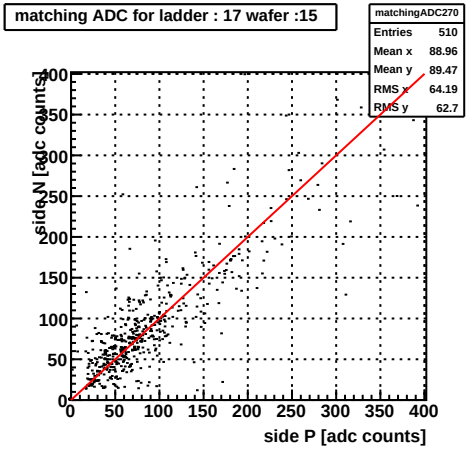

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 498
Mean x 76.27
Mean y 88.46
RMS x 58.26
RMS y 64.59
side N [adc counts]
side P [adc counts]

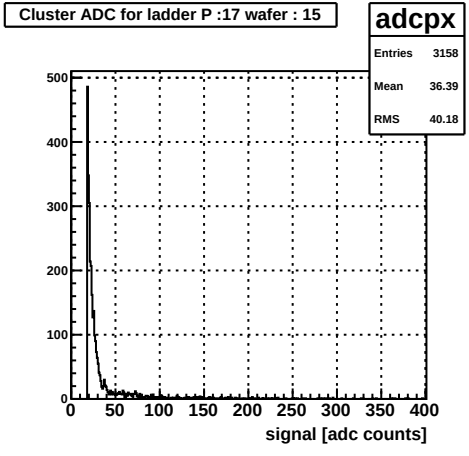

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1898
Mean 38.91
RMS 43.45
signal [adc counts]

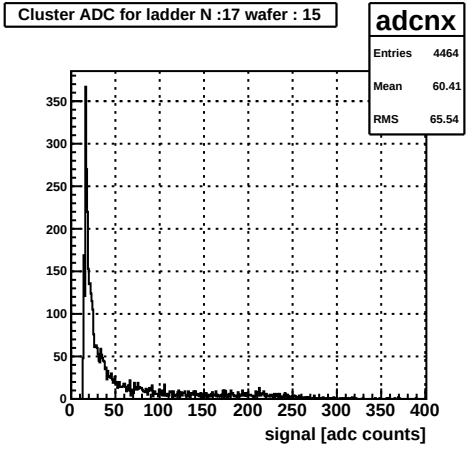

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2413
Mean 38.78
RMS 44.82
signal [adc counts]

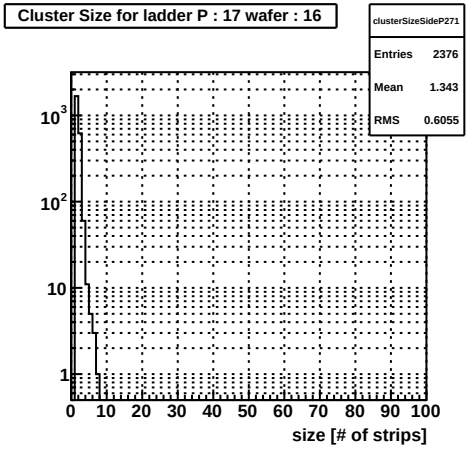

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3158
Mean 1.128
RMS 0.4534
size [# of strips]

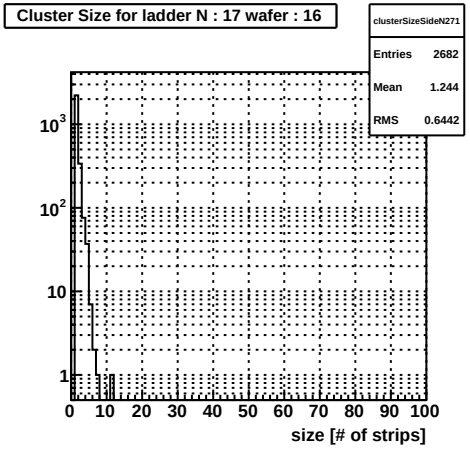

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4464
Mean 1.153
RMS 0.4968
size [# of strips]

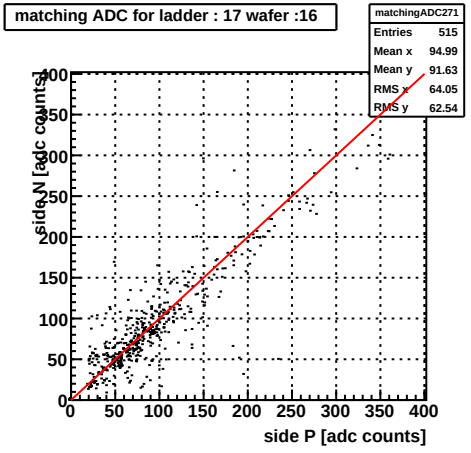

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 510
Mean x 88.96
Mean y 89.47
RMS x 64.19
RMS y 62.7
side N [adc counts]
side P [adc counts]

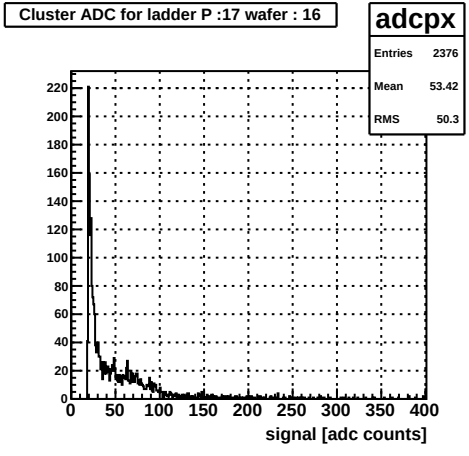

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3158
Mean 36.39
RMS 40.18
signal [adc counts]

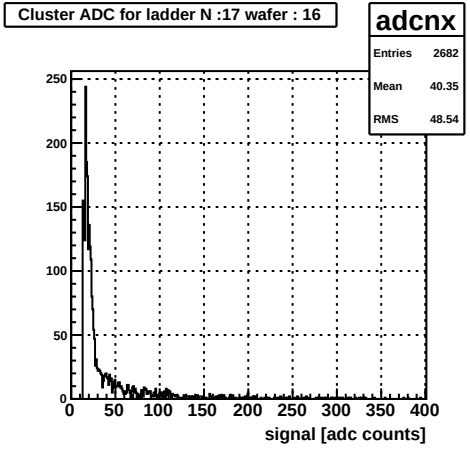

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4464
Mean 60.41
RMS 65.54
signal [adc counts]

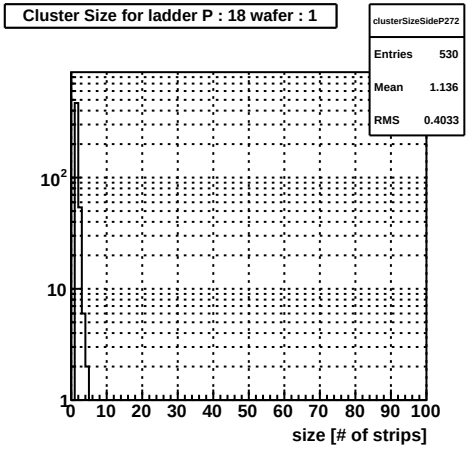

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2376
Mean 1.343
RMS 0.6055
size [# of strips]

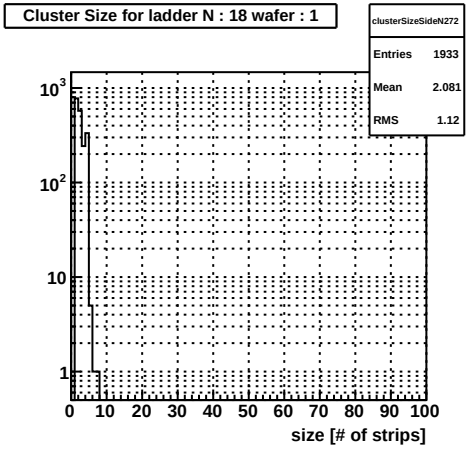

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2682
Mean 1.244
RMS 0.6442
size [# of strips]

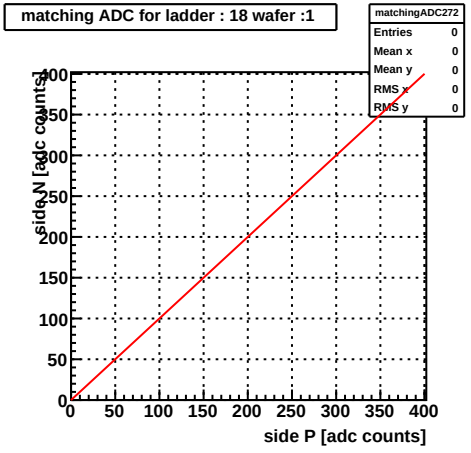

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 515
Mean x 94.99
Mean y 91.63
RMS x 64.05
RMS y 62.54
side N [adc counts]
side P [adc counts]

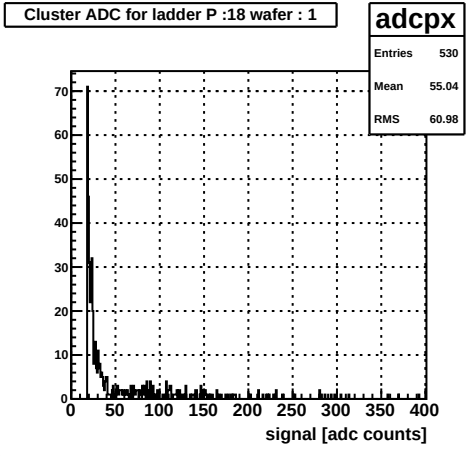

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2376
Mean 53.42
RMS 50.3
signal [adc counts]

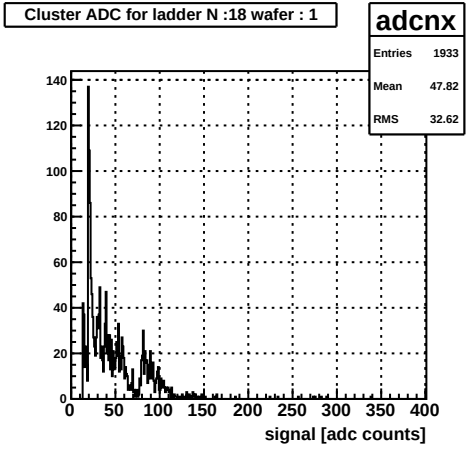

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2682
Mean 40.35
RMS 48.54
signal [adc counts]

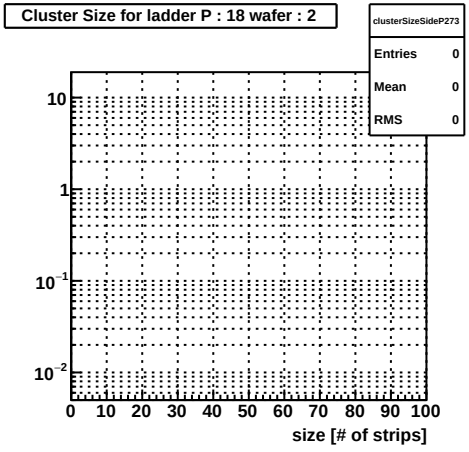

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 530
Mean 1.136
RMS 0.4033
size [# of strips]

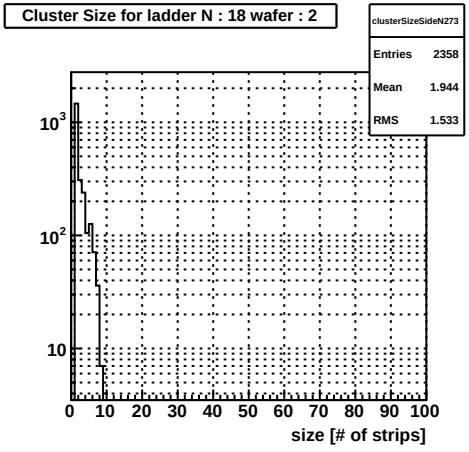

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1933
Mean 2.081
RMS 1.12
size [# of strips]

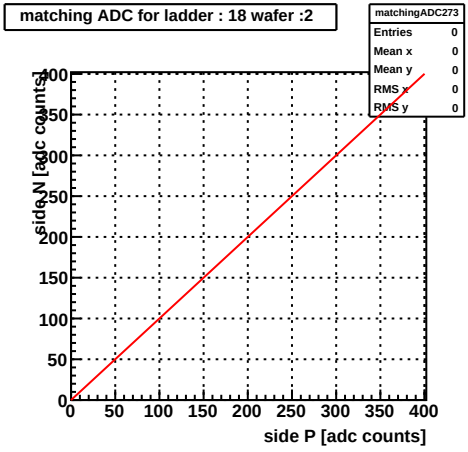

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

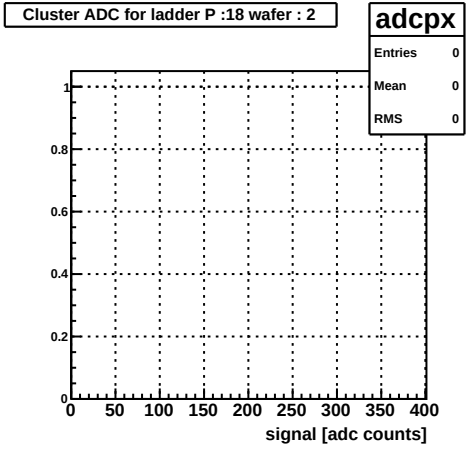

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 530
Mean 55.04
RMS 60.98
signal [adc counts]

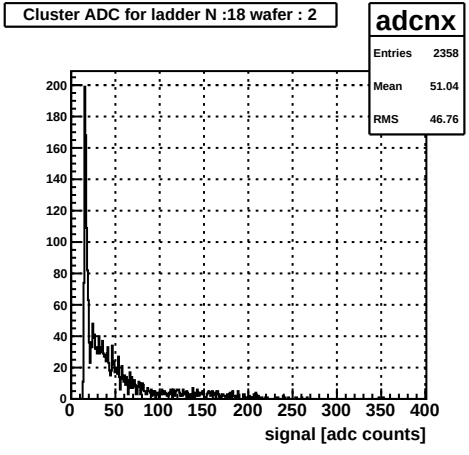

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1933
Mean 47.82
RMS 32.62
signal [adc counts]

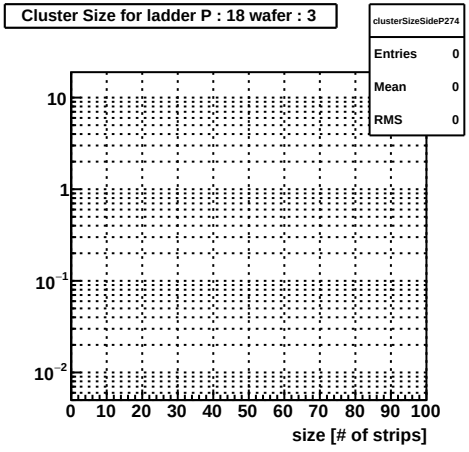

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

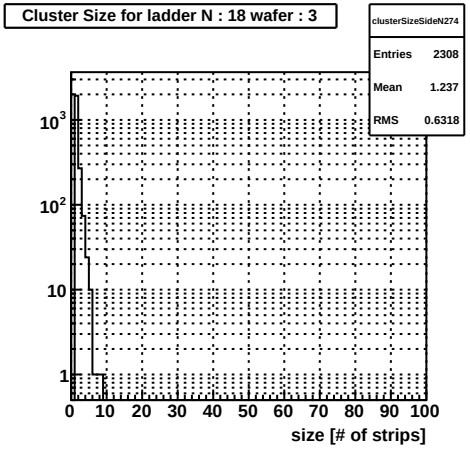

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2358
Mean 1.944
RMS 1.533
size [# of strips]

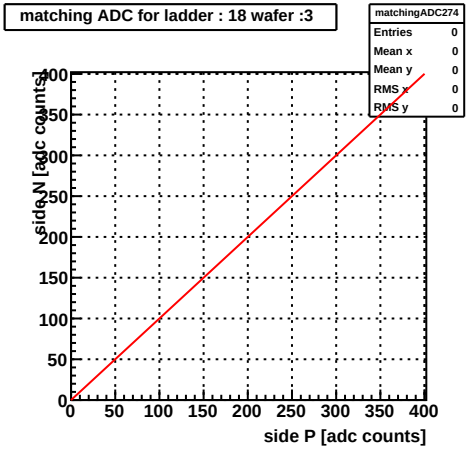

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

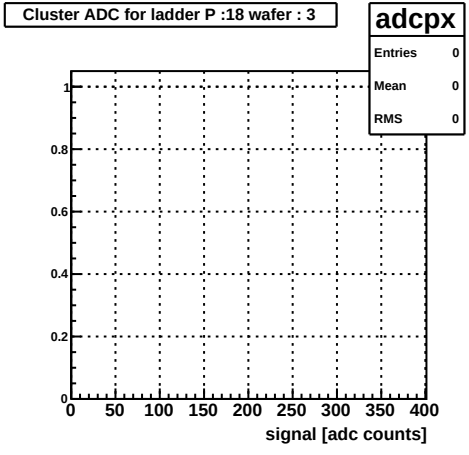

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

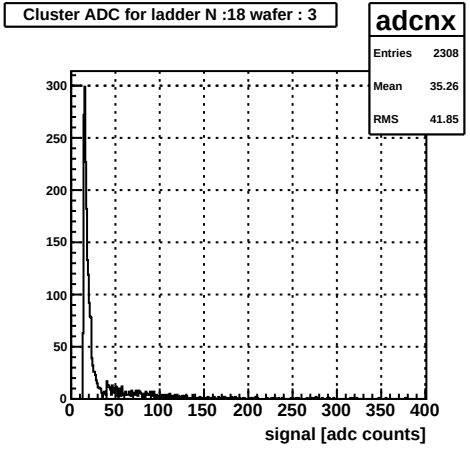

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2358
Mean 51.04
RMS 46.76
signal [adc counts]

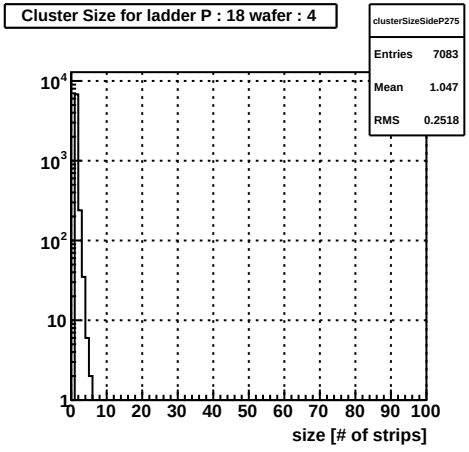

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

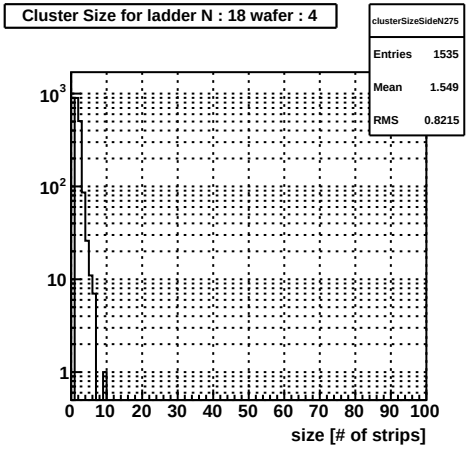

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2308
Mean 1.237
RMS 0.6318
size [# of strips]

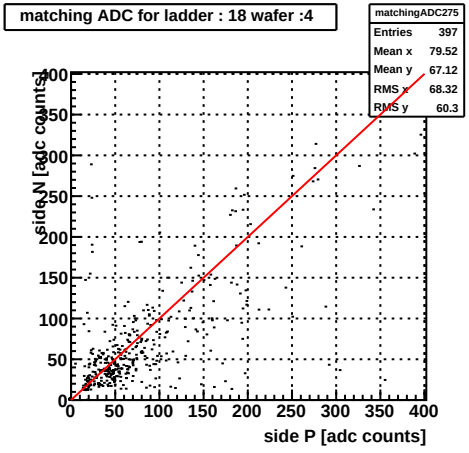

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

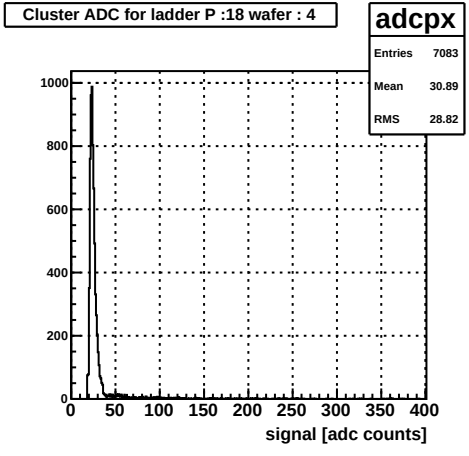

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

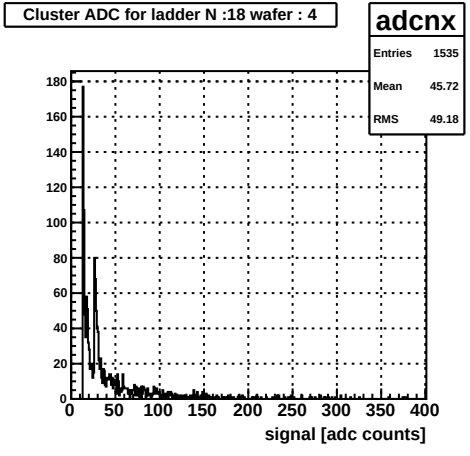

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2308
Mean 35.26
RMS 41.85
signal [adc counts]

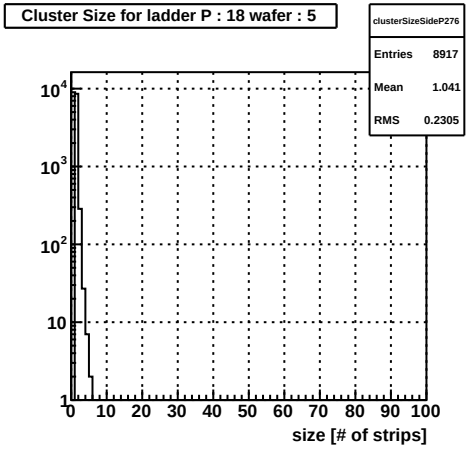

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 7083
Mean 1.047
RMS 0.2518
size [# of strips]

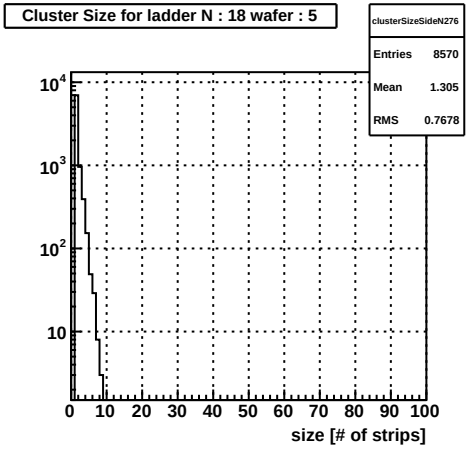

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1535
Mean 1.549
RMS 0.8215
size [# of strips]

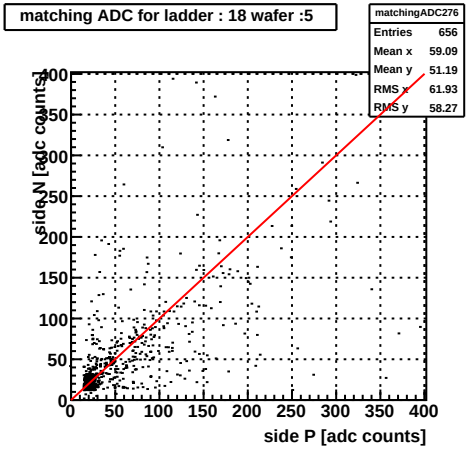

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 397
Mean x 79.52
Mean y 67.12
RMS x 68.32
RMS y 60.3
side N [adc counts]
side P [adc counts]

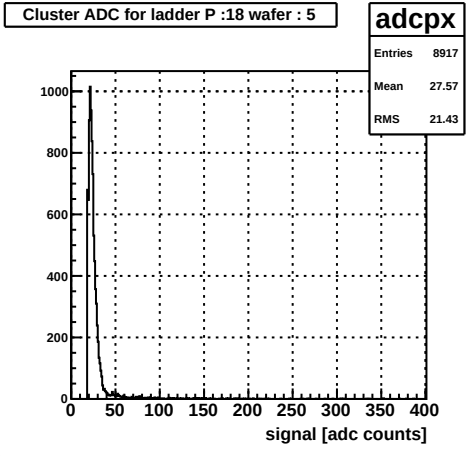

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 7083
Mean 30.89
RMS 28.82
signal [adc counts]

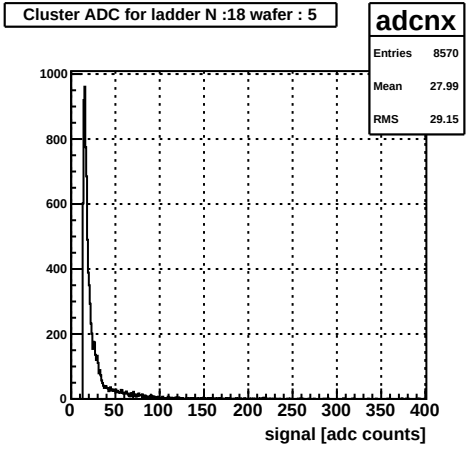

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1535
Mean 45.72
RMS 49.18
signal [adc counts]

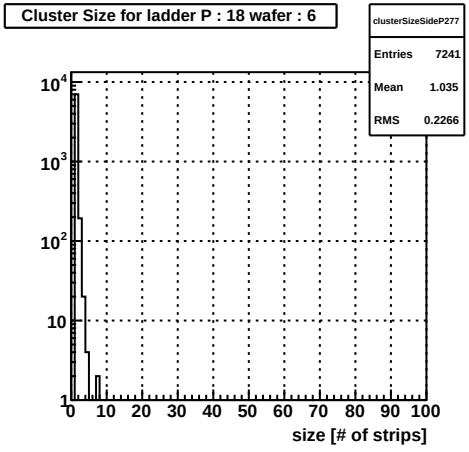

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 8917
Mean 1.041
RMS 0.2305
size [# of strips]

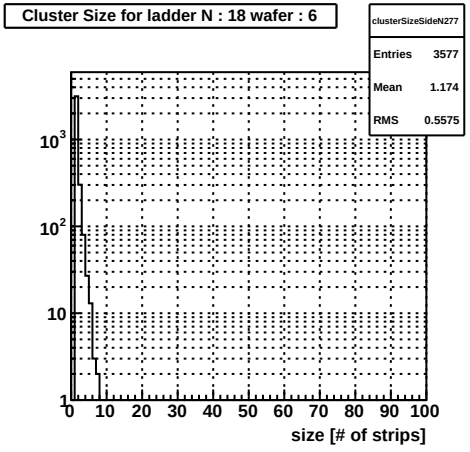

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 8570
Mean 1.305
RMS 0.7678
size [# of strips]

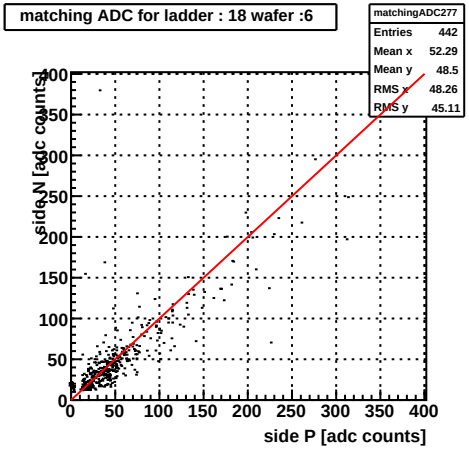

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 656
Mean x 59.09
Mean y 51.19
RMS x 61.93
RMS y 58.27
side N [adc counts]
side P [adc counts]

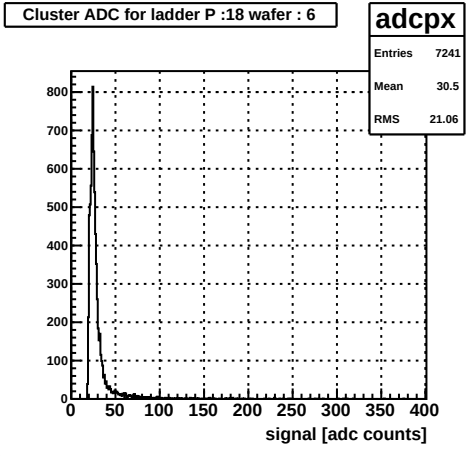

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 8917
Mean 27.57
RMS 21.43
signal [adc counts]

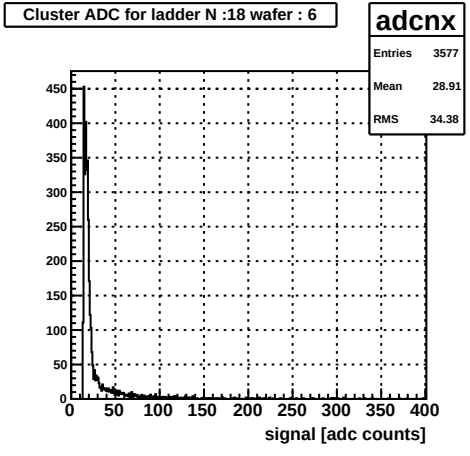

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 8570
Mean 27.99
RMS 29.15
signal [adc counts]

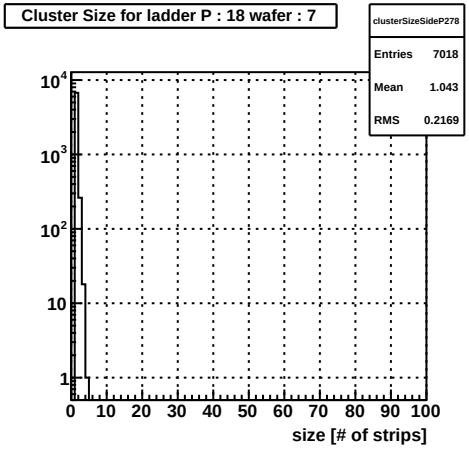

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7241
Mean 1.035
RMS 0.2266
size [# of strips]

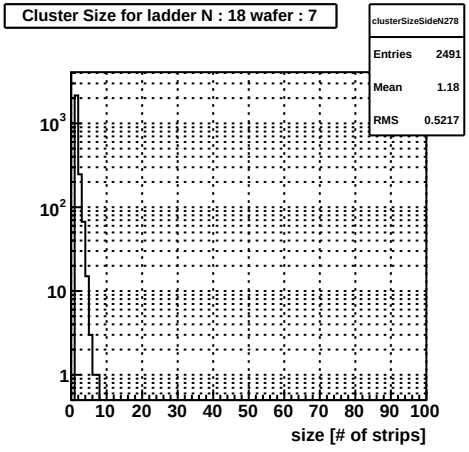

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3577
Mean 1.174
RMS 0.5575
size [# of strips]

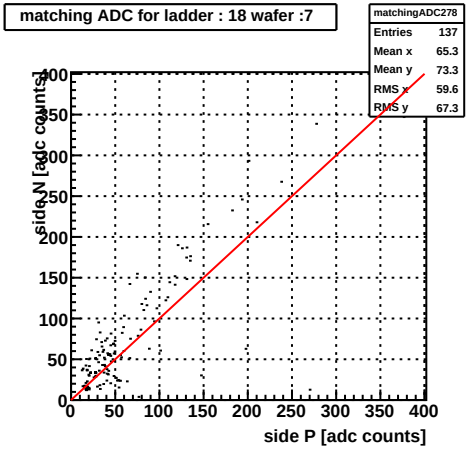

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 442
Mean x 52.29
Mean y 48.5
RMS x 48.26
RMS y 45.11
side N [adc counts]
side P [adc counts]

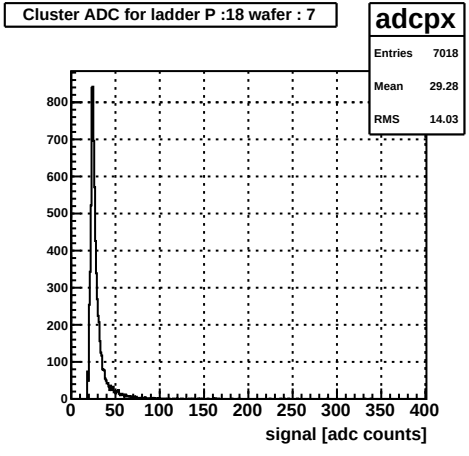

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7241
Mean 30.5
RMS 21.06
signal [adc counts]

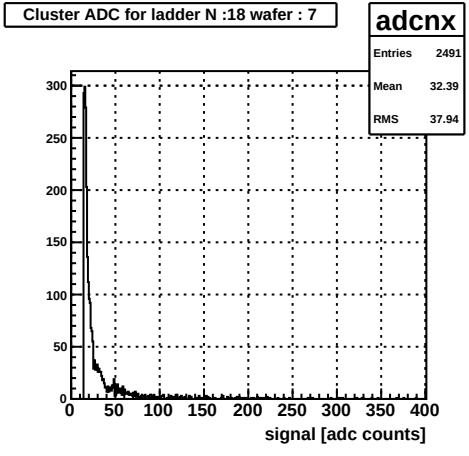

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3577
Mean 28.91
RMS 34.38
signal [adc counts]

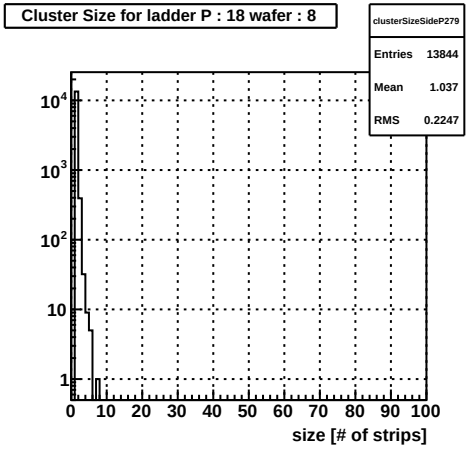

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7018
Mean 1.043
RMS 0.2169
size [# of strips]

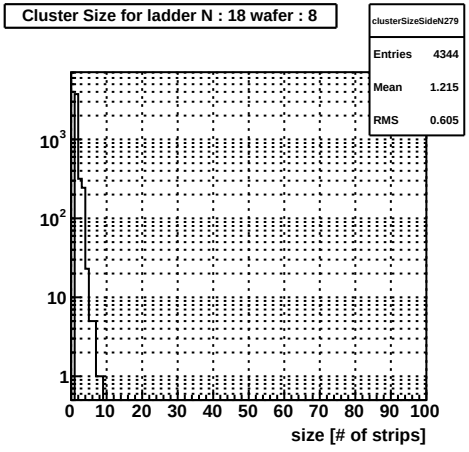

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2491
Mean 1.18
RMS 0.5217
size [# of strips]

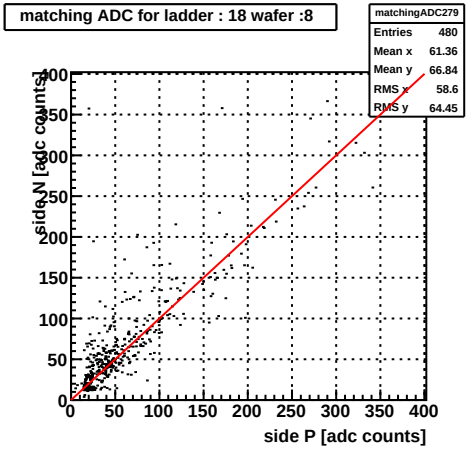

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 137
Mean x 65.3
Mean y 73.3
RMS x 59.6
RMS y 67.3
side N [adc counts]
side P [adc counts]

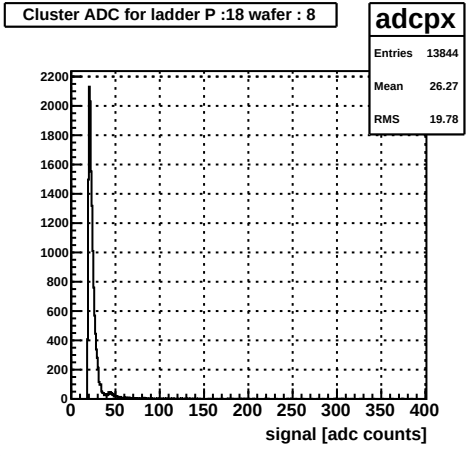

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7018
Mean 29.28
RMS 14.03
signal [adc counts]

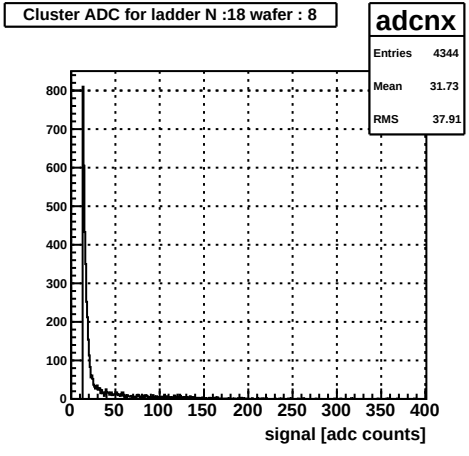

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2491
Mean 32.39
RMS 37.94
signal [adc counts]

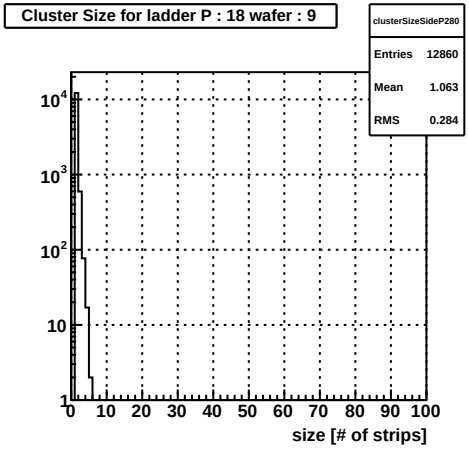

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13844
Mean 1.037
RMS 0.2247
size [# of strips]

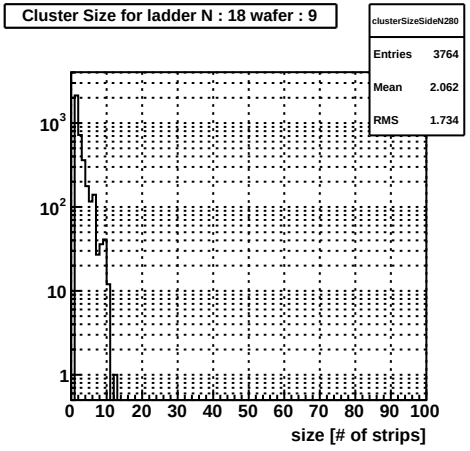

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4344
Mean 1.215
RMS 0.605
size [# of strips]

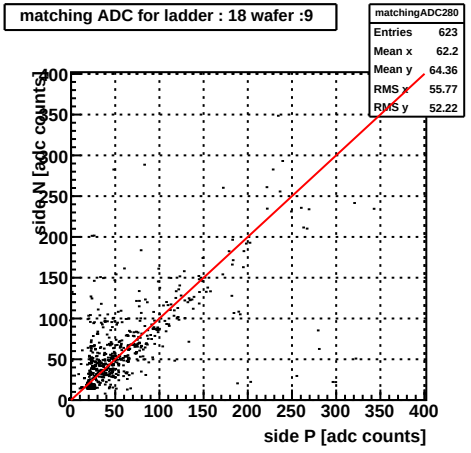

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 480
Mean x 61.36
Mean y 66.84
RMS x 58.6
RMS y 64.45
side N [adc counts]
side P [adc counts]

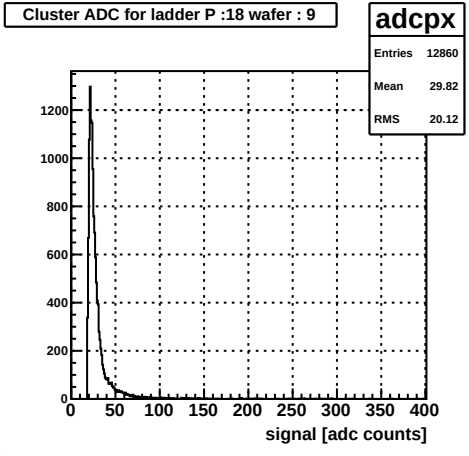

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13844
Mean 26.27
RMS 19.78
signal [adc counts]

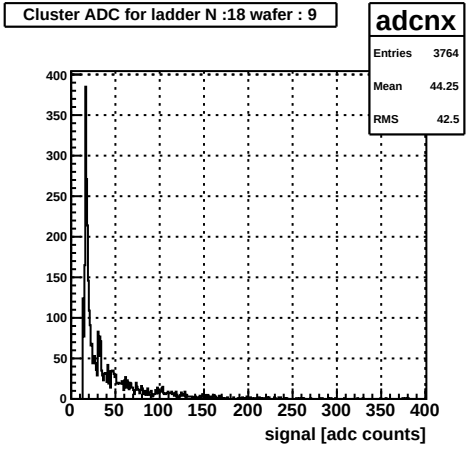

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4344
Mean 31.73
RMS 37.91
signal [adc counts]

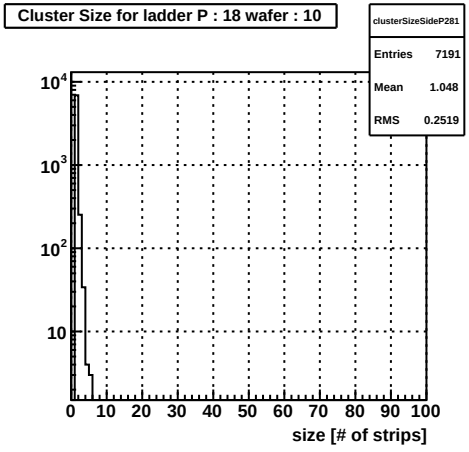

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 12860
Mean 1.063
RMS 0.284
size [# of strips]

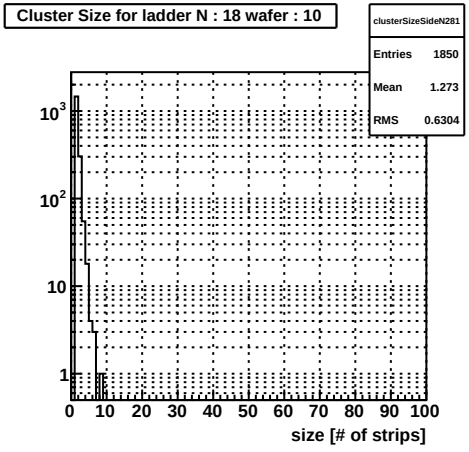

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3764
Mean 2.062
RMS 1.734
size [# of strips]

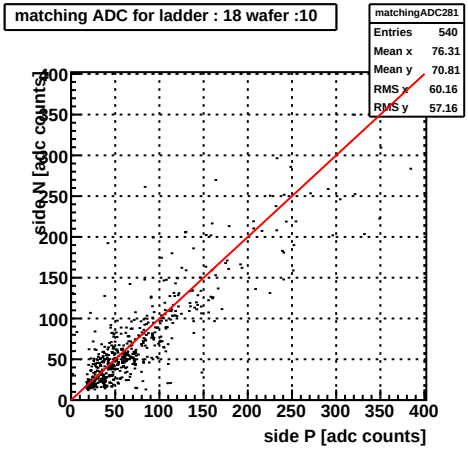

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 623
Mean x 62.2
Mean y 64.36
RMS x 55.77
RMS y 52.22
side N [adc counts]
side P [adc counts]

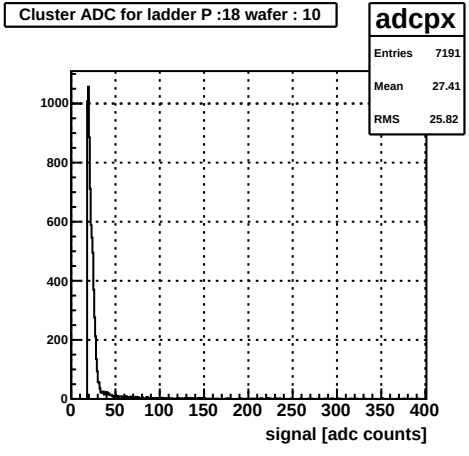

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 12860
Mean 29.82
RMS 20.12
signal [adc counts]

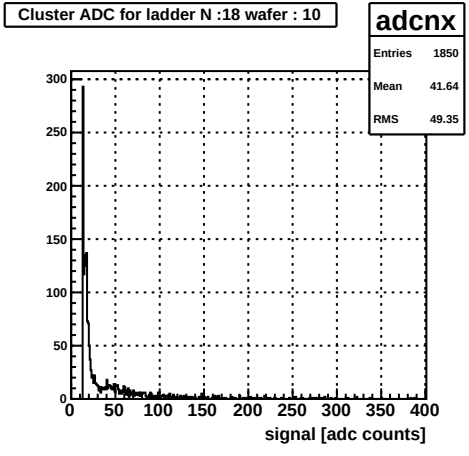

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3764
Mean 44.25
RMS 42.5
signal [adc counts]

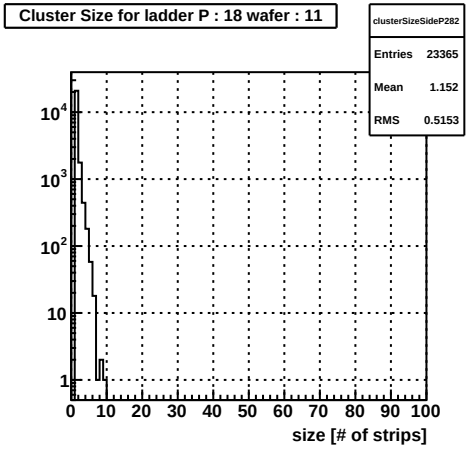

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7191
Mean 1.048
RMS 0.2519
size [# of strips]

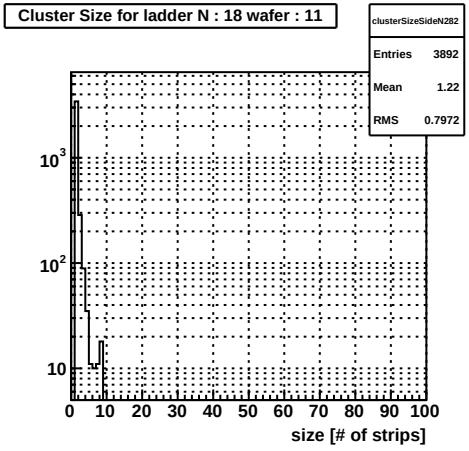

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1850
Mean 1.273
RMS 0.6304
size [# of strips]

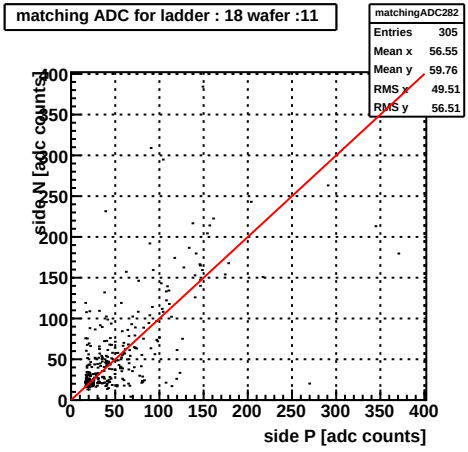

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 540
Mean x 76.31
Mean y 70.81
RMS x 60.16
RMS y 57.16
side N [adc counts]
side P [adc counts]

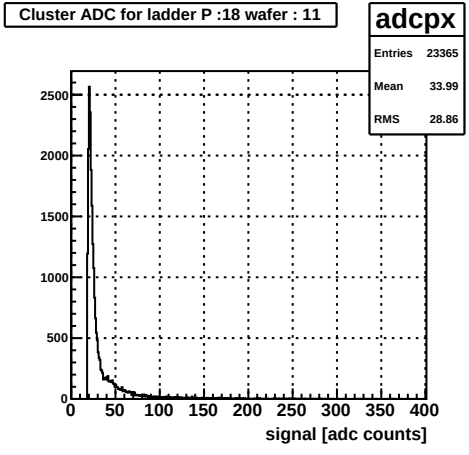

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7191
Mean 27.41
RMS 25.82
signal [adc counts]

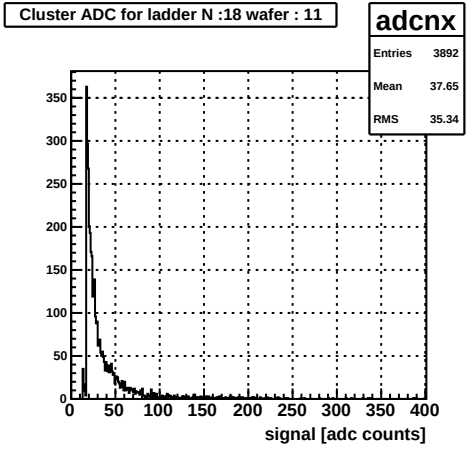

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1850
Mean 41.64
RMS 49.35
signal [adc counts]

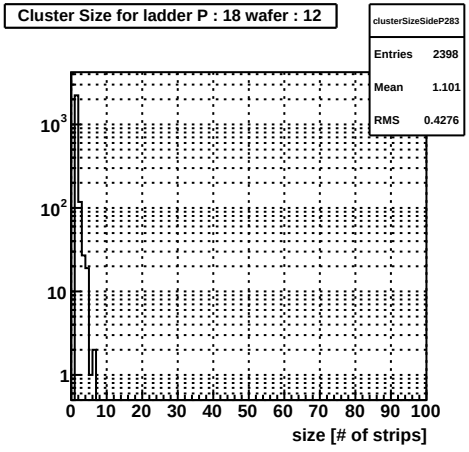

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23365
Mean 1.152
RMS 0.5153
size [# of strips]

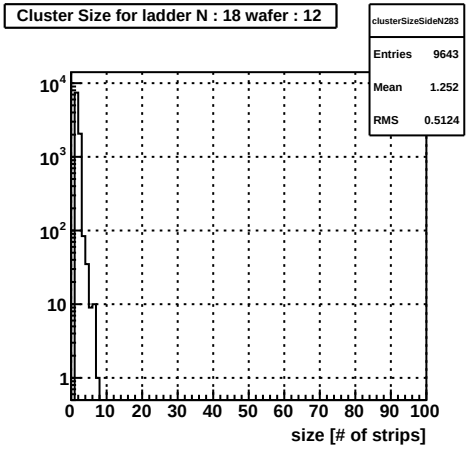

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3892
Mean 1.22
RMS 0.7972
size [# of strips]

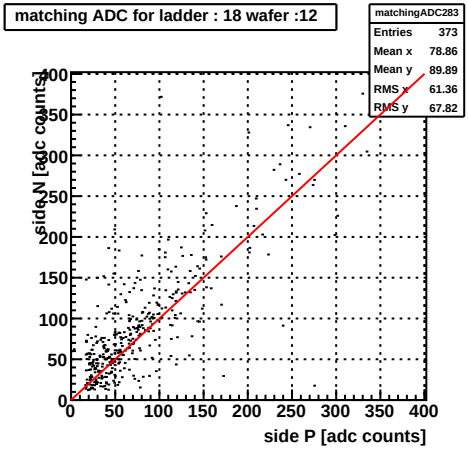

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 305
Mean x 56.55
Mean y 59.76
RMS x 49.51
RMS y 56.51
side N [adc counts]
side P [adc counts]

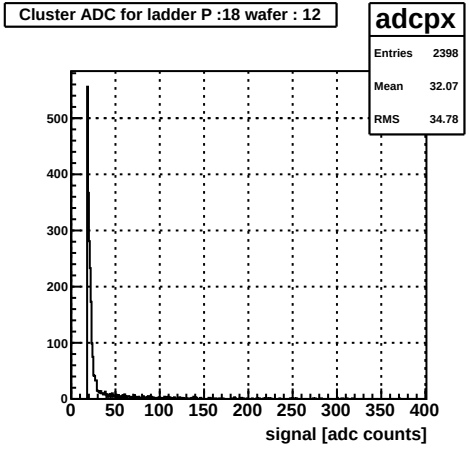

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23365
Mean 33.99
RMS 28.86
signal [adc counts]

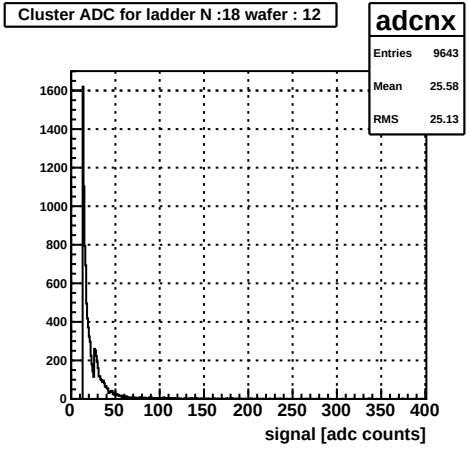

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3892
Mean 37.65
RMS 35.34
signal [adc counts]

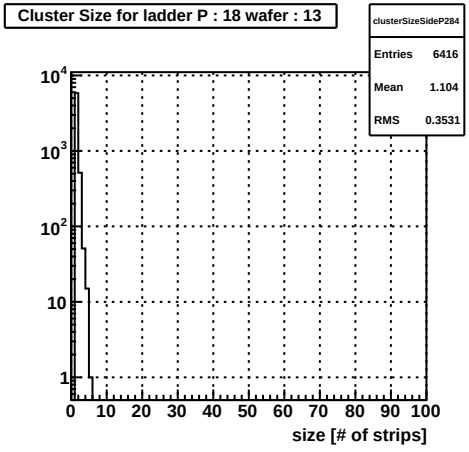

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2398
Mean 1.101
RMS 0.4276
size [# of strips]

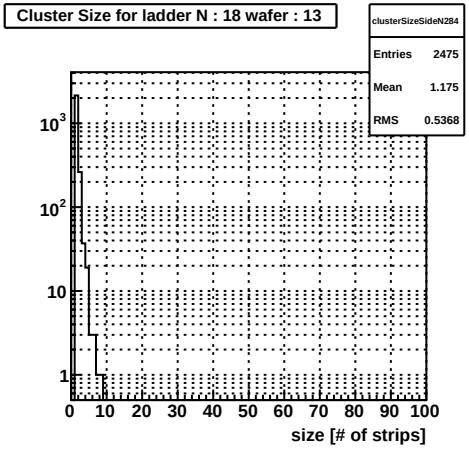

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9643
Mean 1.252
RMS 0.5124
size [# of strips]

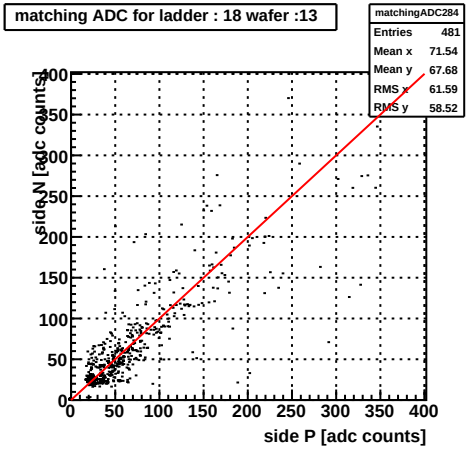

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 373
Mean x 78.86
Mean y 89.89
RMS x 61.36
RMS y 67.82
side N [adc counts]
side P [adc counts]

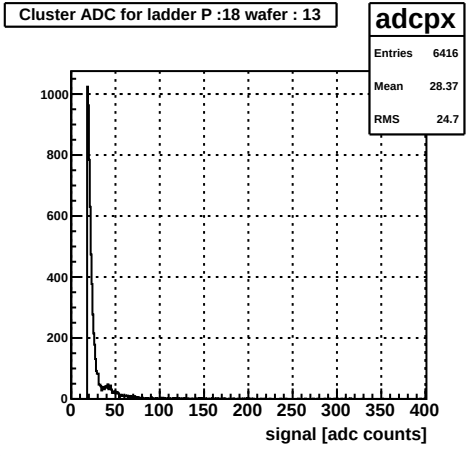

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2398
Mean 32.07
RMS 34.78
signal [adc counts]

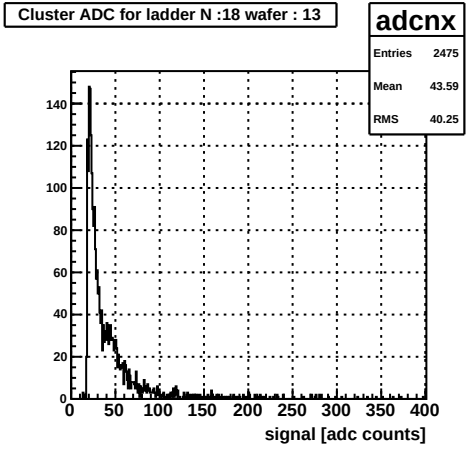

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9643
Mean 25.58
RMS 25.13
signal [adc counts]

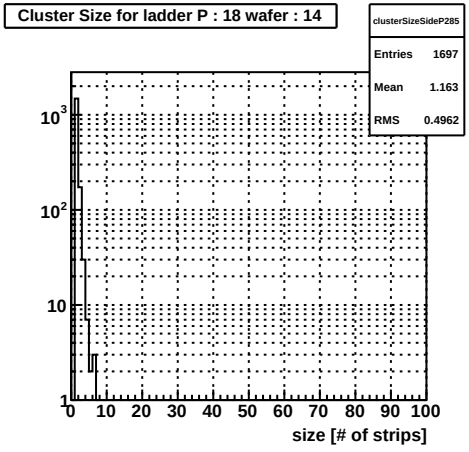

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6416
Mean 1.104
RMS 0.3531
size [# of strips]

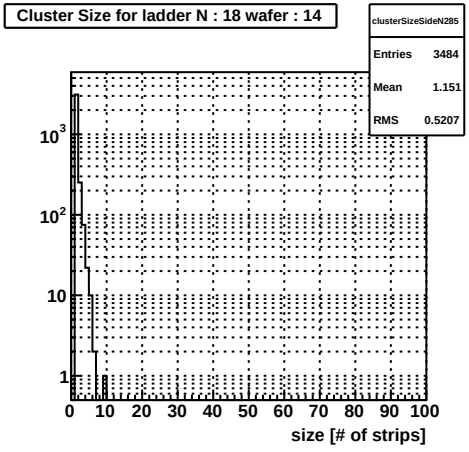

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2475
Mean 1.175
RMS 0.5368
size [# of strips]

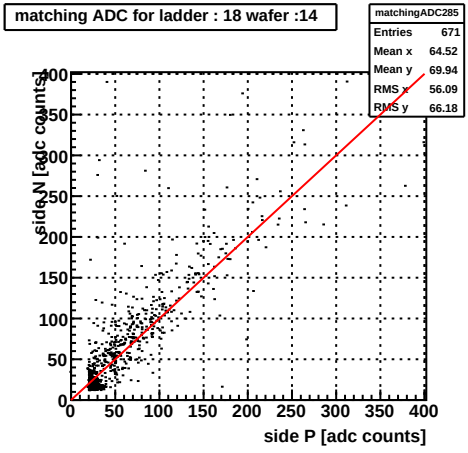

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 481
Mean x 71.54
Mean y 67.68
RMS x 61.59
RMS y 58.52
side N [adc counts]
side P [adc counts]

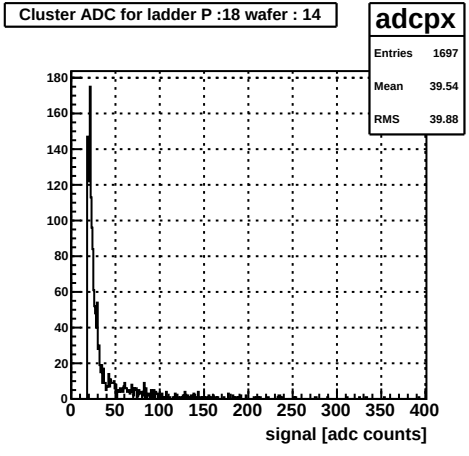

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6416
Mean 28.37
RMS 24.7
signal [adc counts]

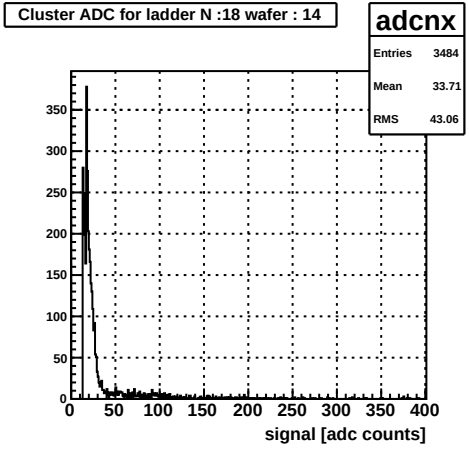

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2475
Mean 43.59
RMS 40.25
signal [adc counts]

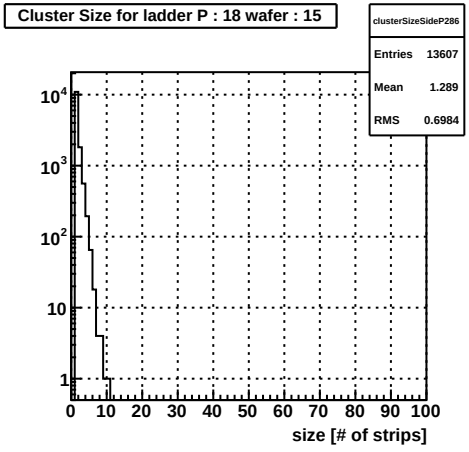

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1697
Mean 1.163
RMS 0.4962
size [# of strips]

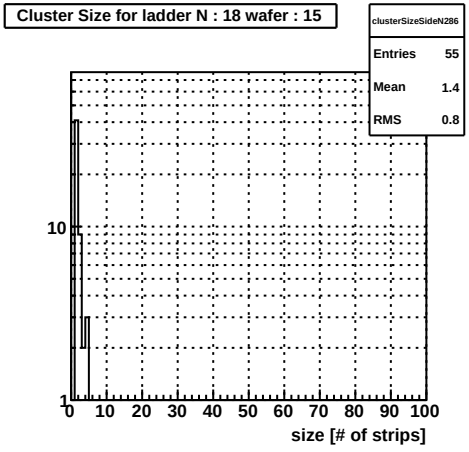

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3484
Mean 1.151
RMS 0.5207
size [# of strips]

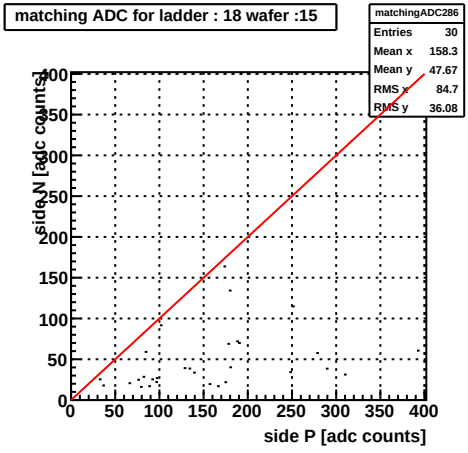

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 671
Mean x 64.52
Mean y 69.94
RMS x 56.09
RMS y 66.18
side N [adc counts]
side P [adc counts]

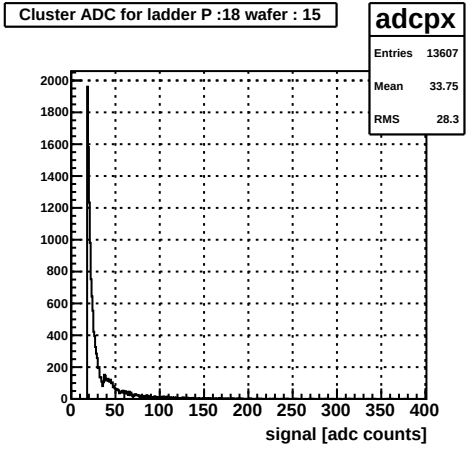

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1697
Mean 39.54
RMS 39.88
signal [adc counts]

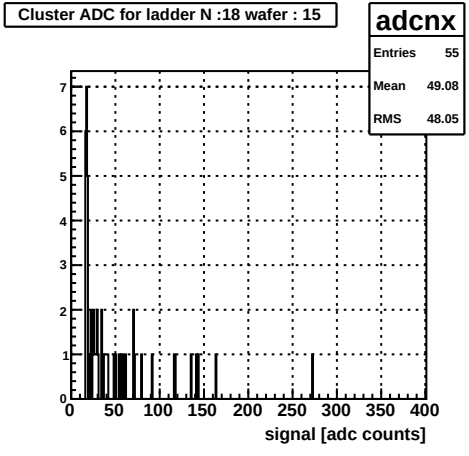

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3484
Mean 33.71
RMS 43.06
signal [adc counts]

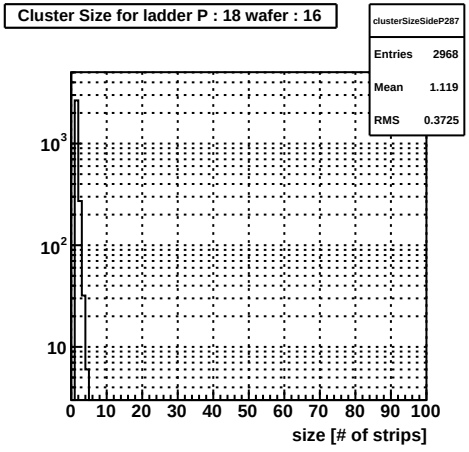

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 13607
Mean 1.289
RMS 0.6984
size [# of strips]

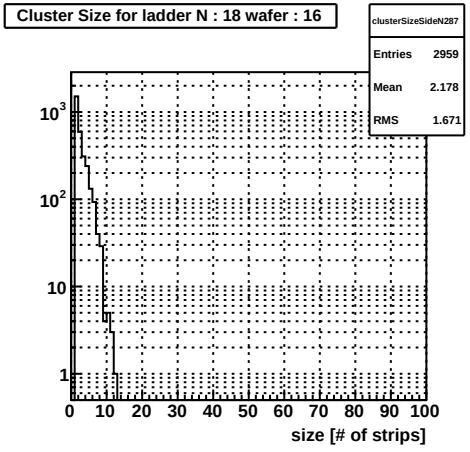

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 55
Mean 1.4
RMS 0.8
size [# of strips]

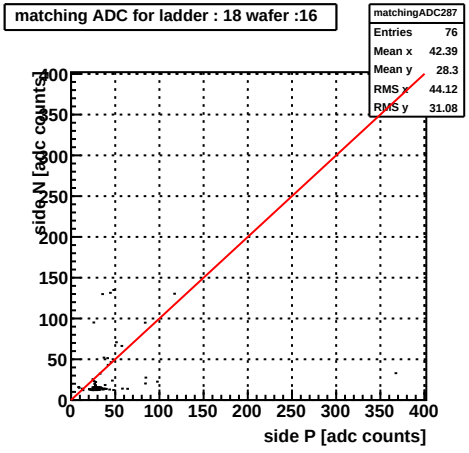

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 30
Mean x 158.3
Mean y 47.67
RMS x 84.7
RMS y 36.08
side N [adc counts]
side P [adc counts]

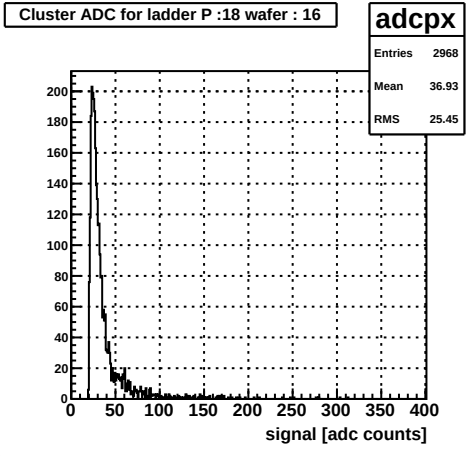

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 13607
Mean 33.75
RMS 28.3
signal [adc counts]

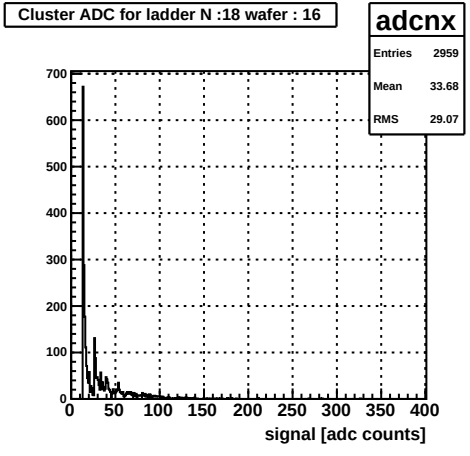

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 55
Mean 49.08
RMS 48.05
signal [adc counts]

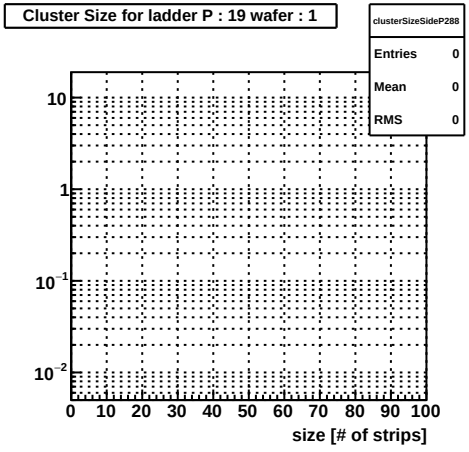

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2968
Mean 1.119
RMS 0.3725
size [# of strips]

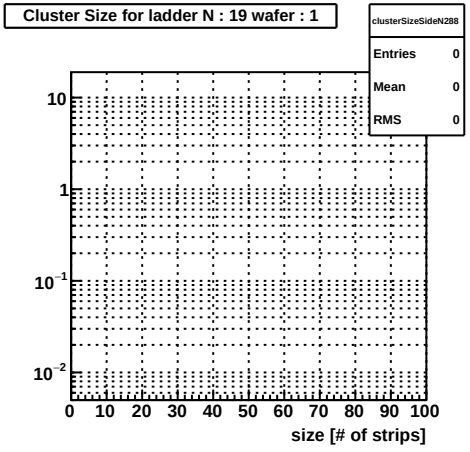

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2959
Mean 2.178
RMS 1.671
size [# of strips]

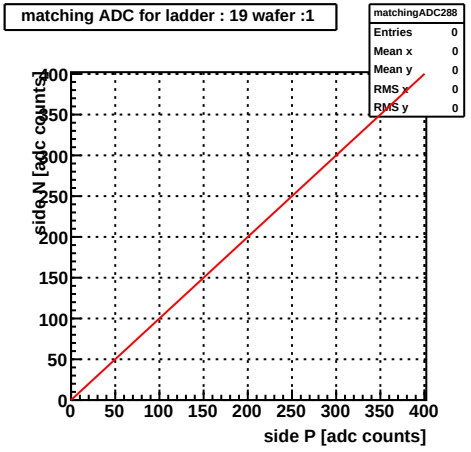

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 76
Mean x 42.39
Mean y 28.3
RMS x 44.12
RMS y 31.08
side N [adc counts]
side P [adc counts]

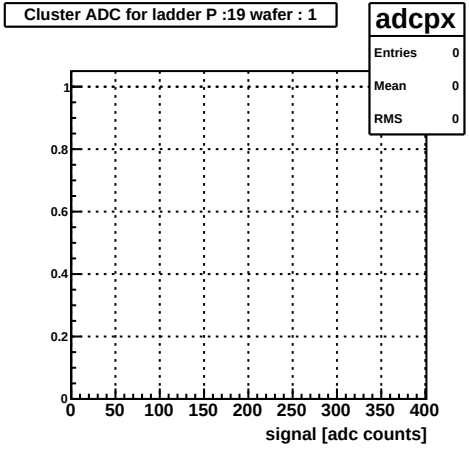

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2968
Mean 36.93
RMS 25.45
signal [adc counts]

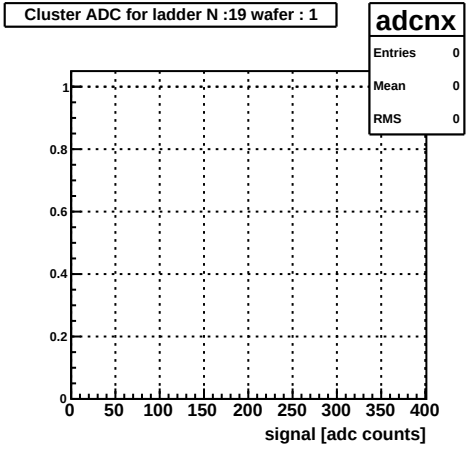

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2959
Mean 33.68
RMS 29.07
signal [adc counts]

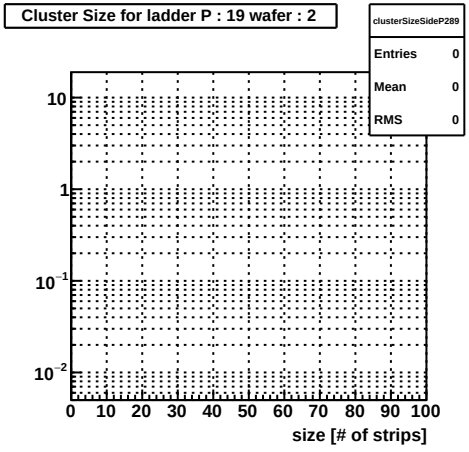

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

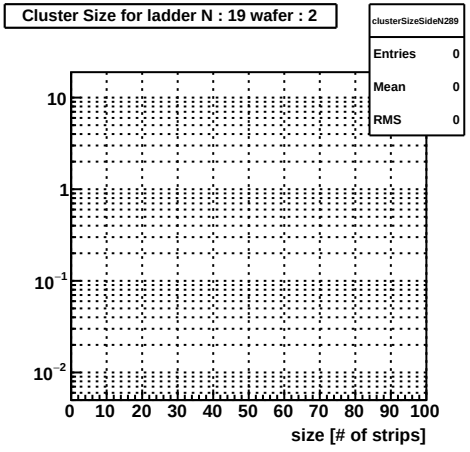

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

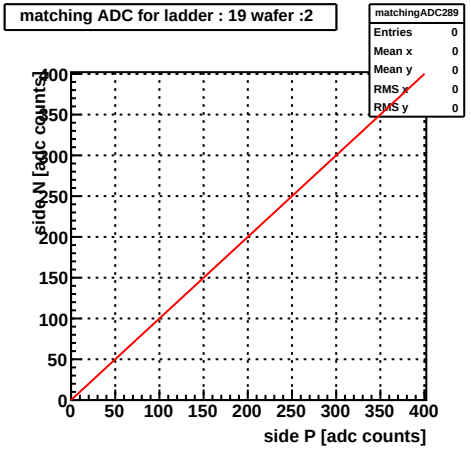

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

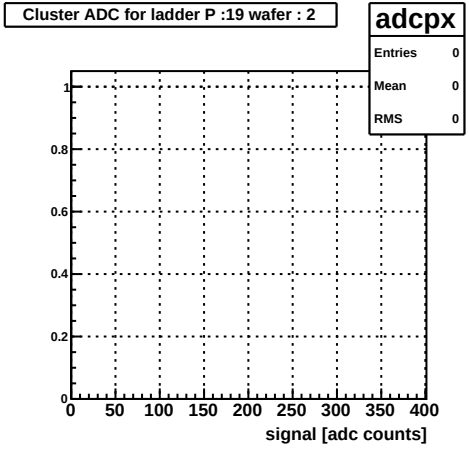

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

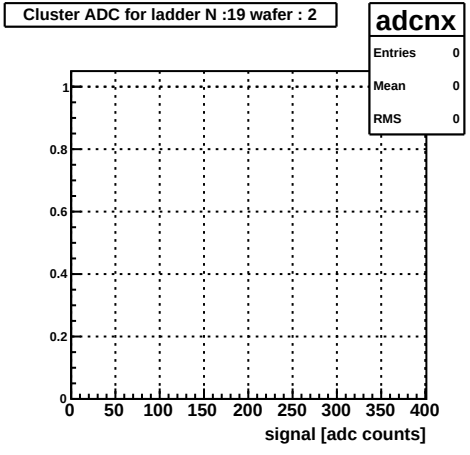

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

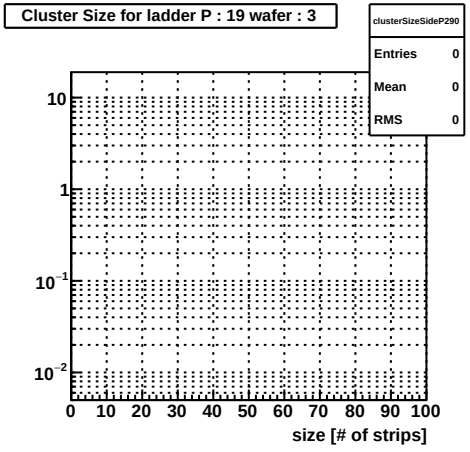

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

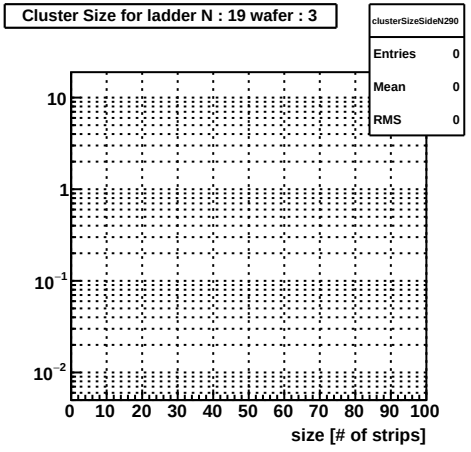

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

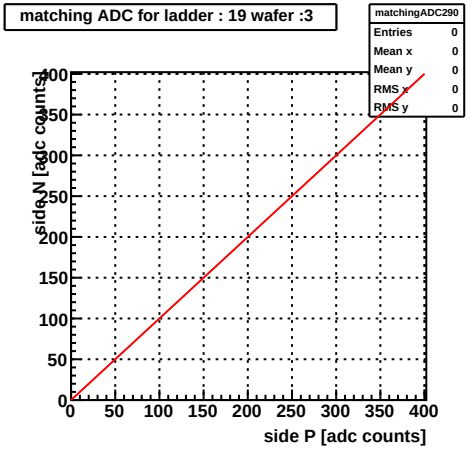

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

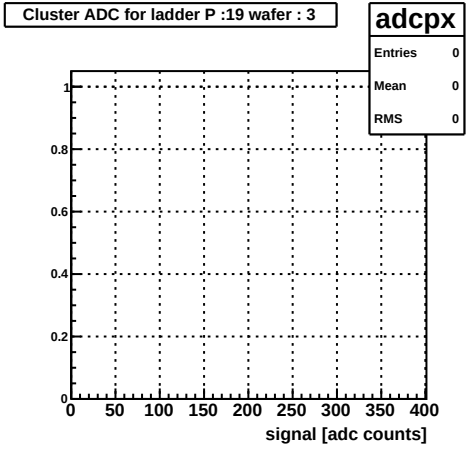

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

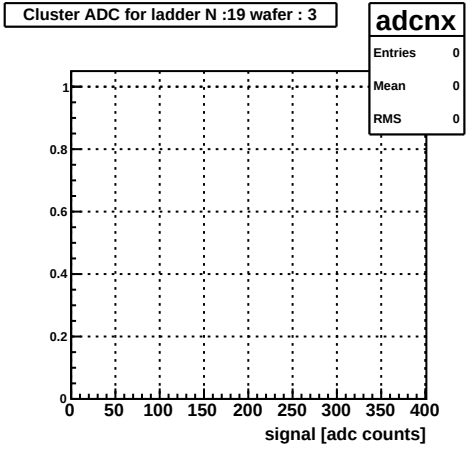

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

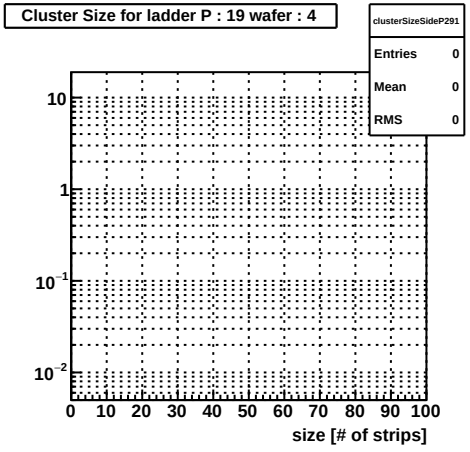

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

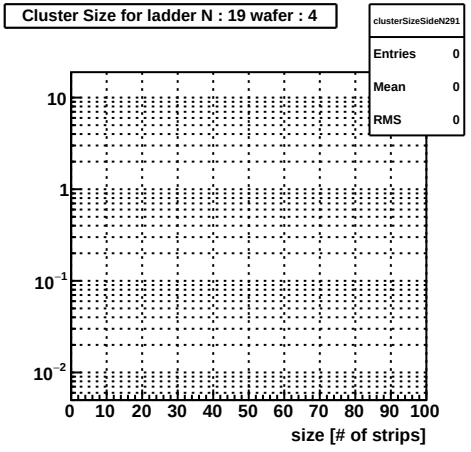

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

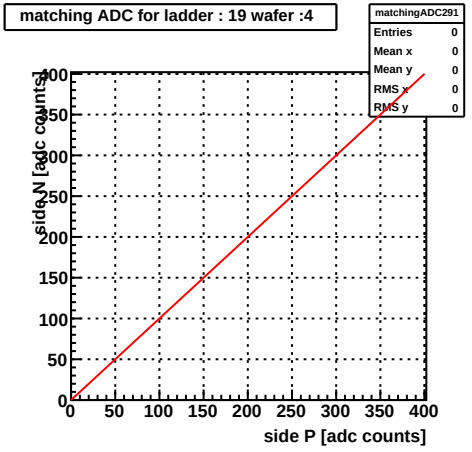

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

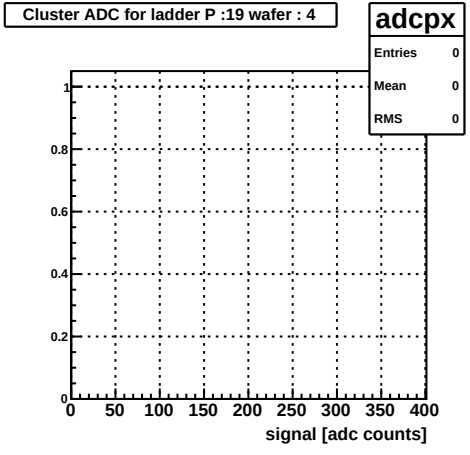

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

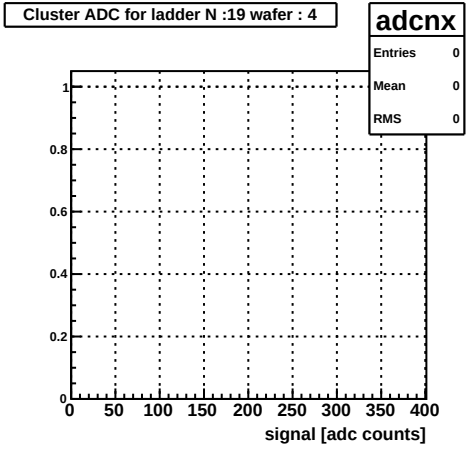

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

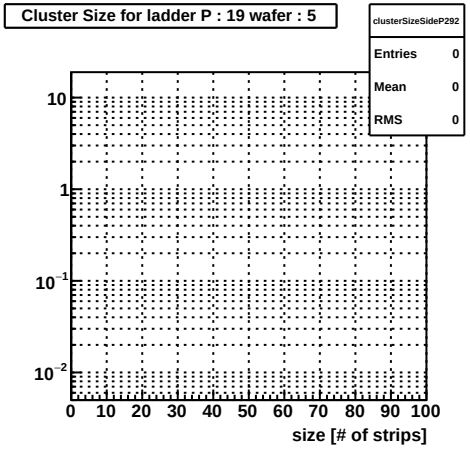

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

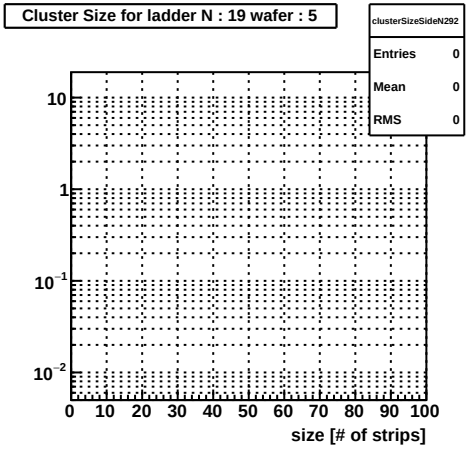

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

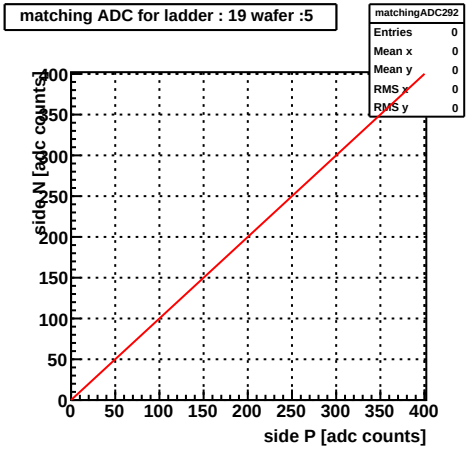

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

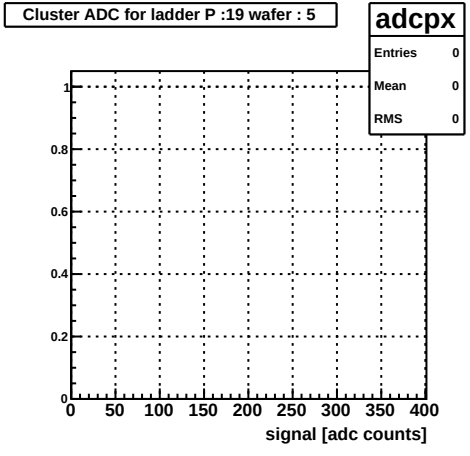

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

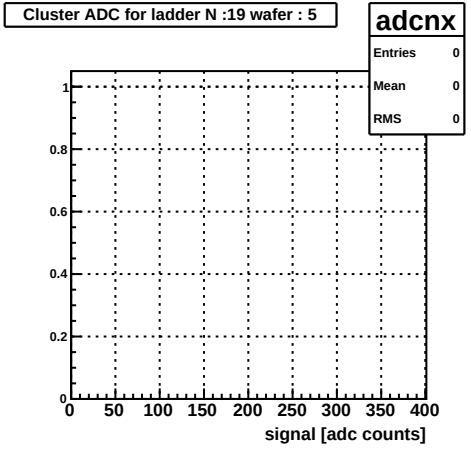

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

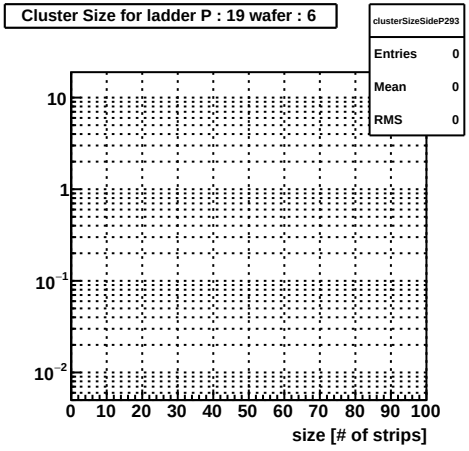

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

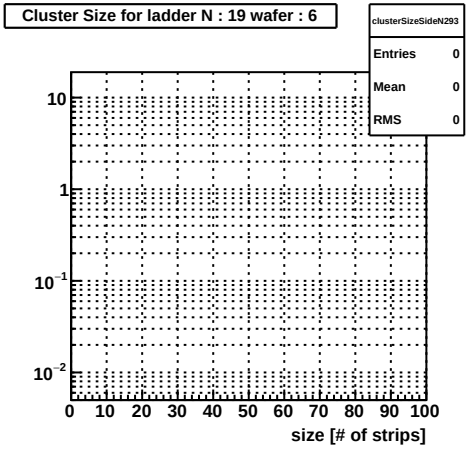

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

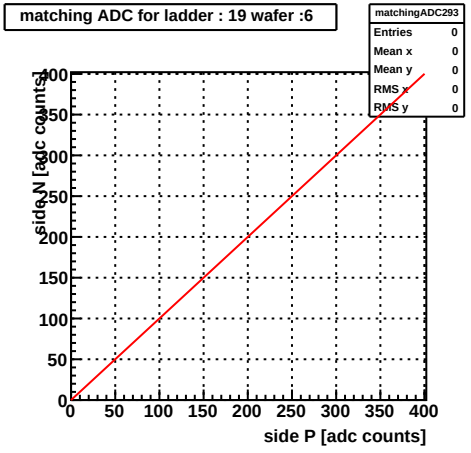

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

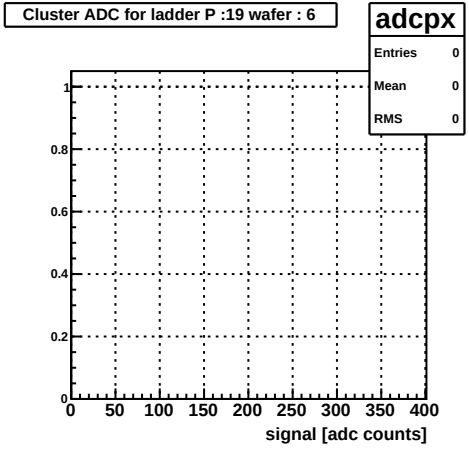

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

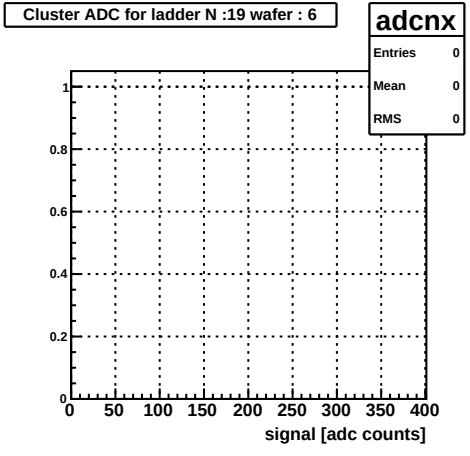

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

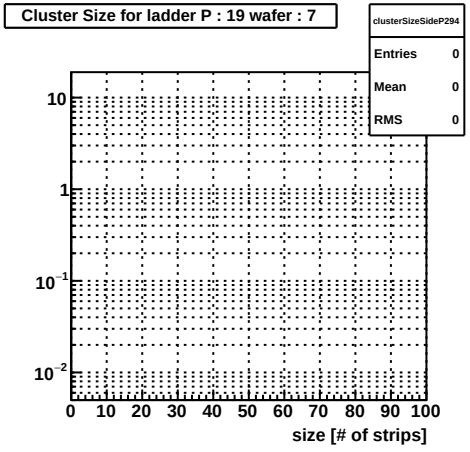

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

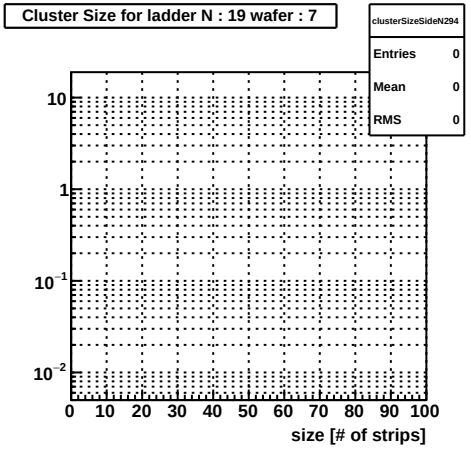

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

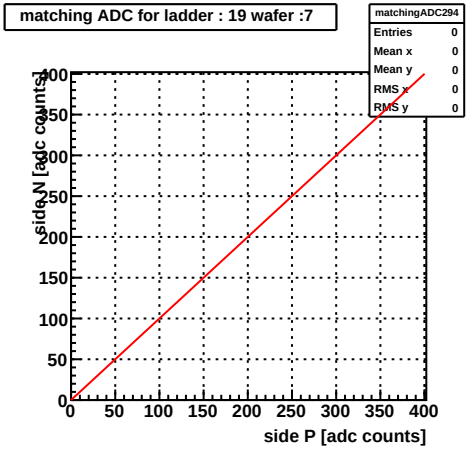

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

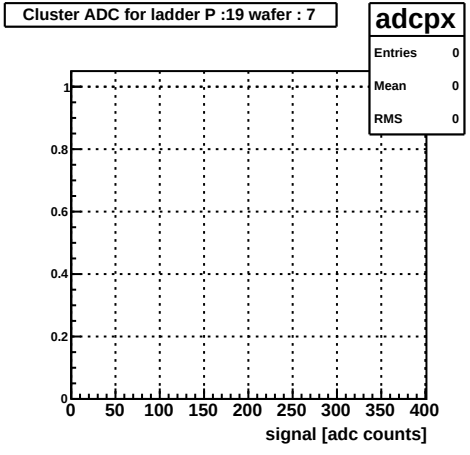

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

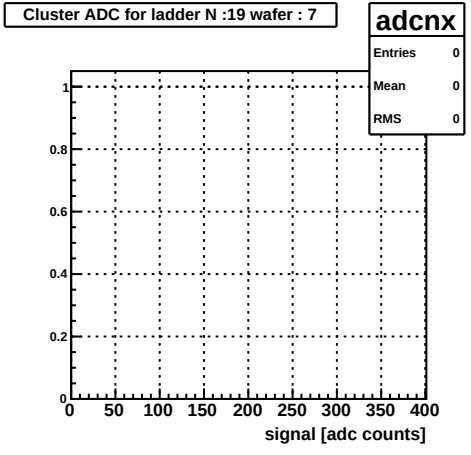

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

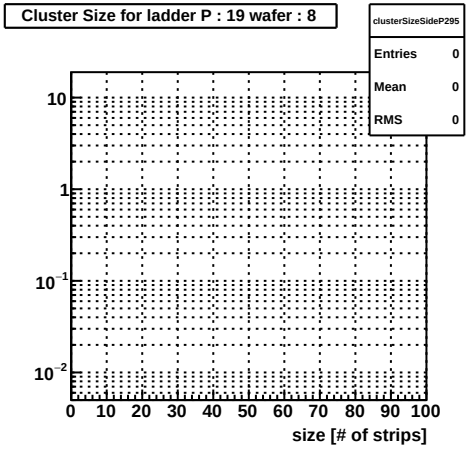

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

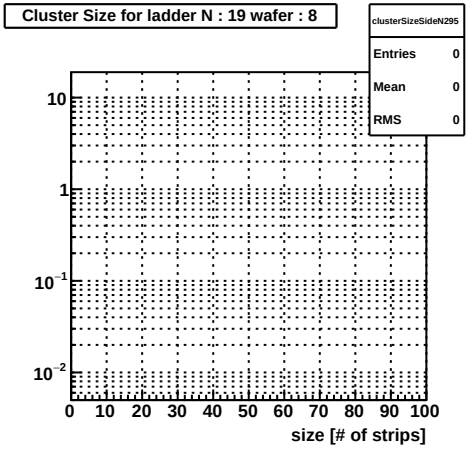

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

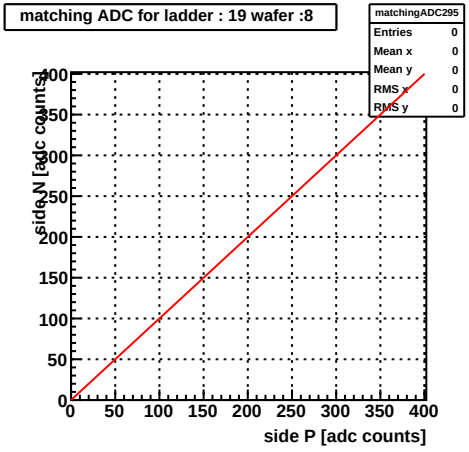

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

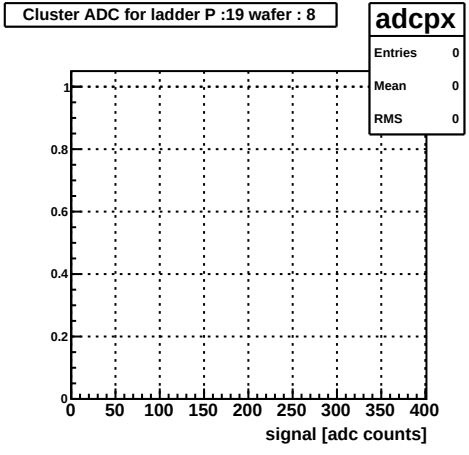

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

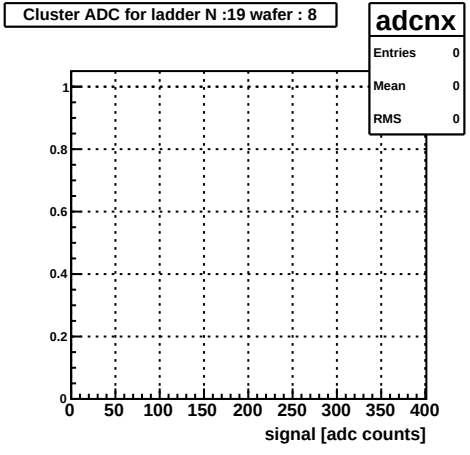

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

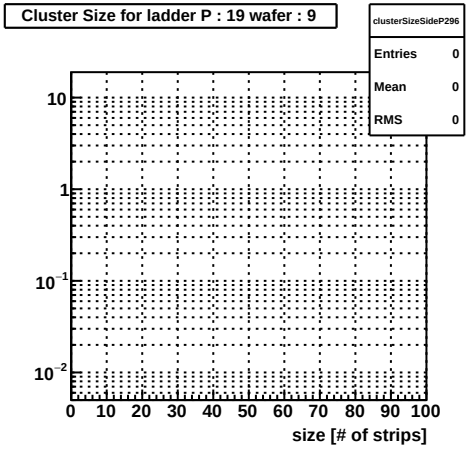

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

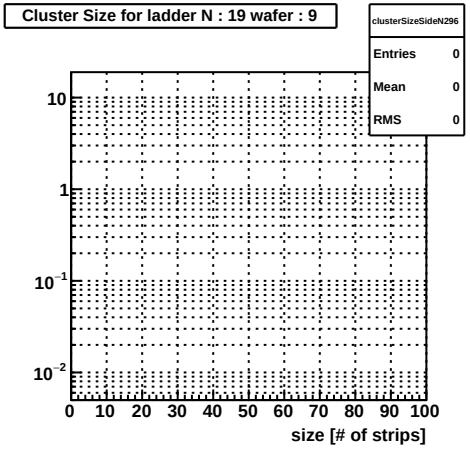

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

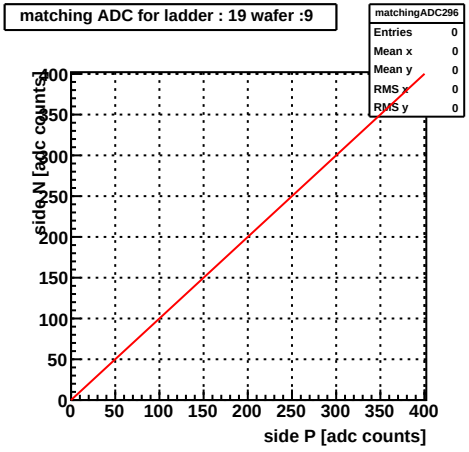

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

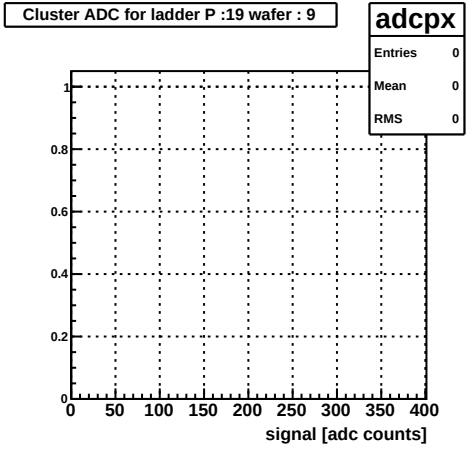

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

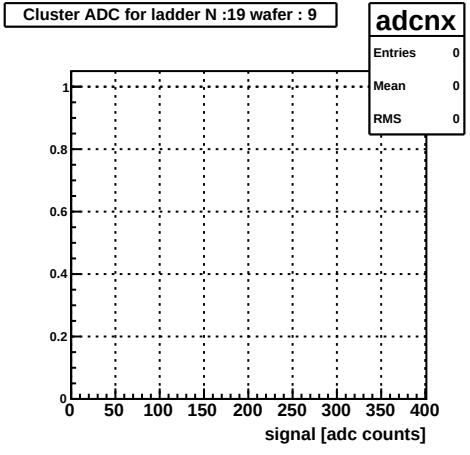

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

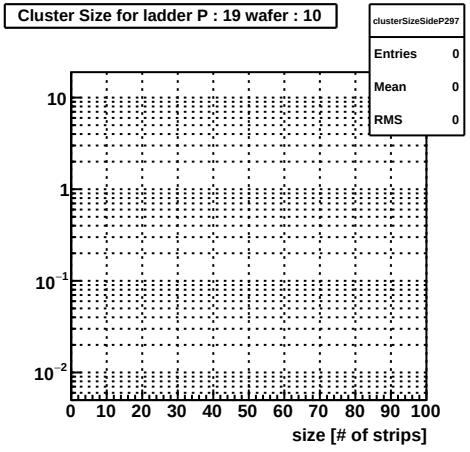

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

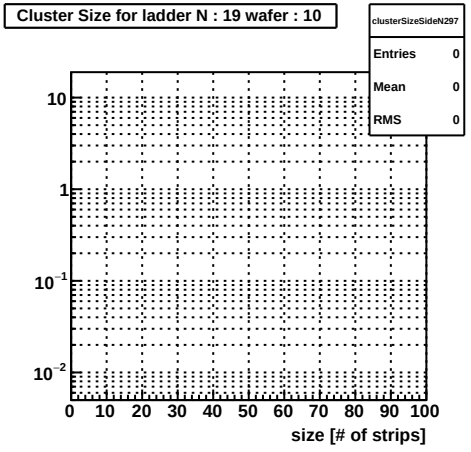

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

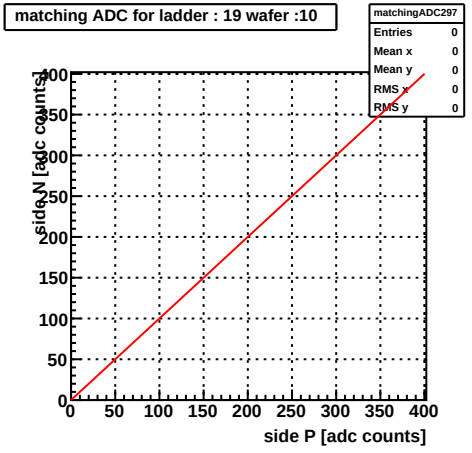

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

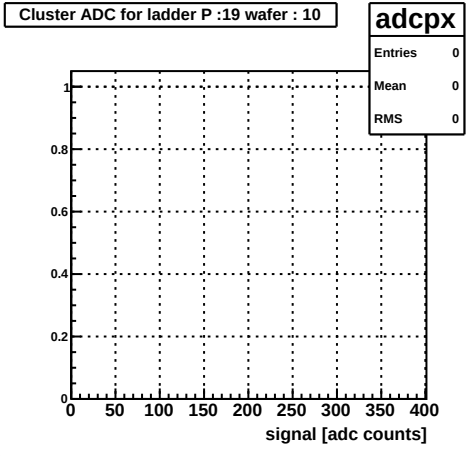

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

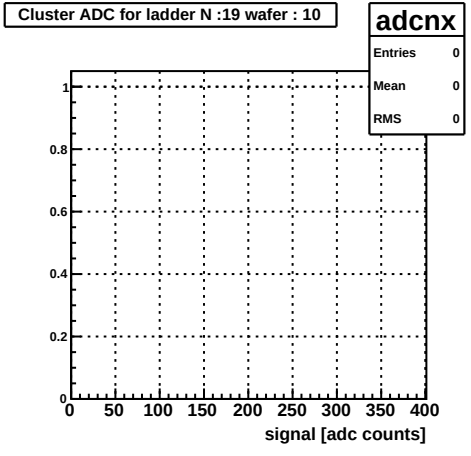

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

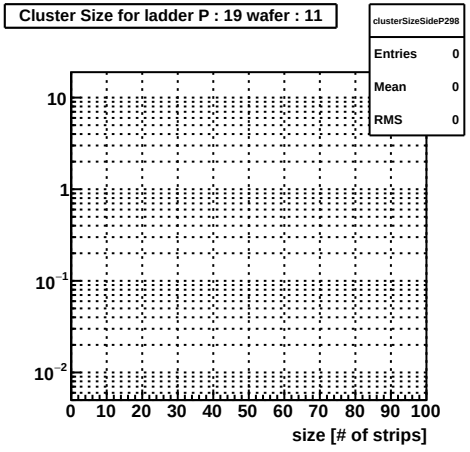

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

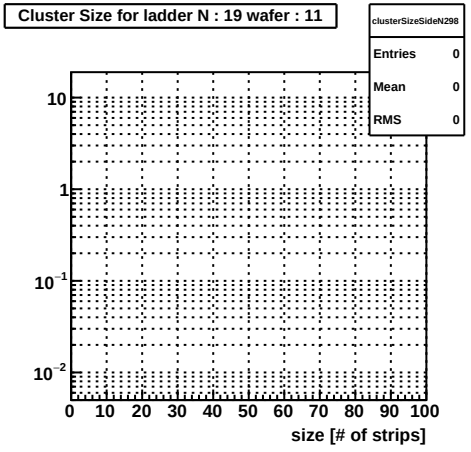

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

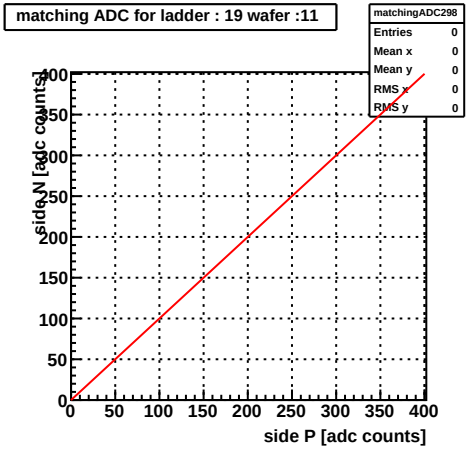

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

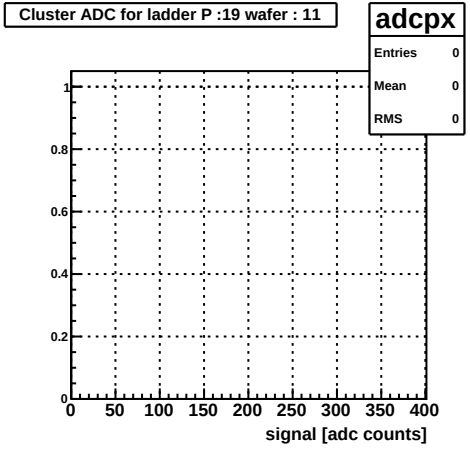

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

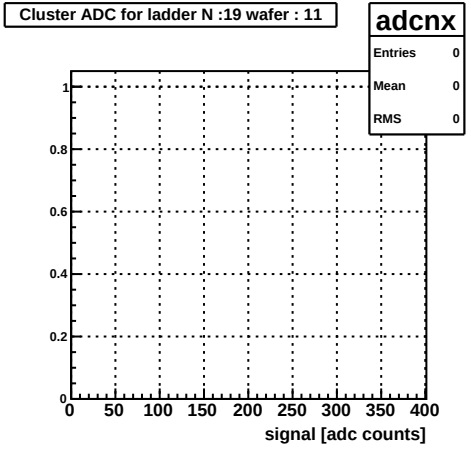

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

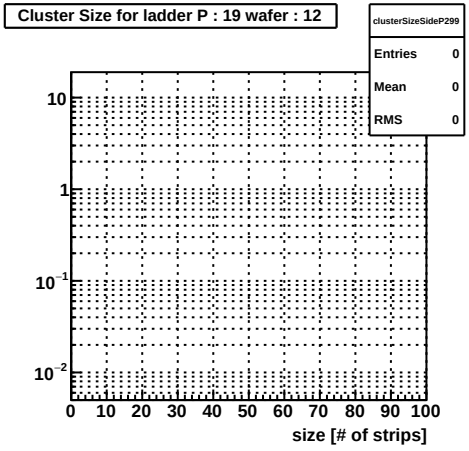

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

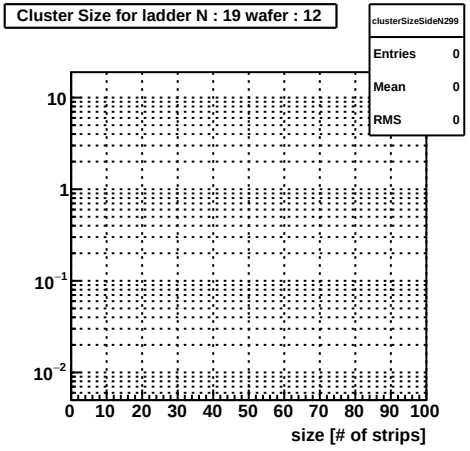

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

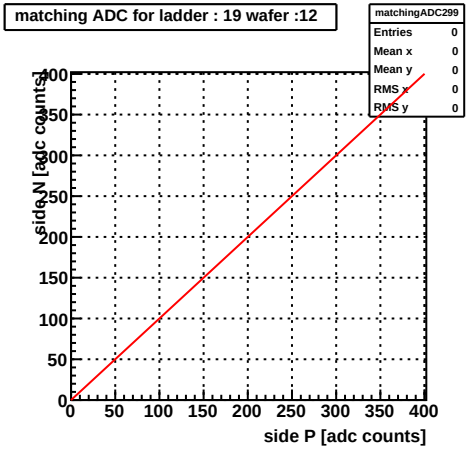

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

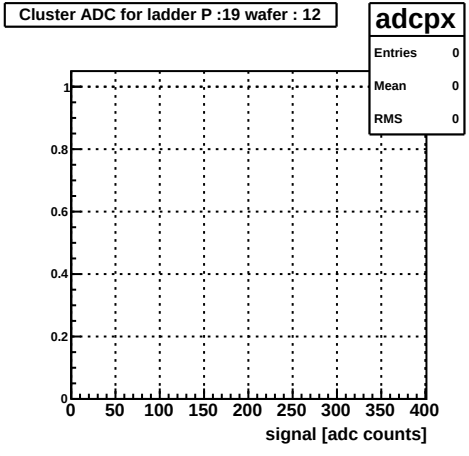

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

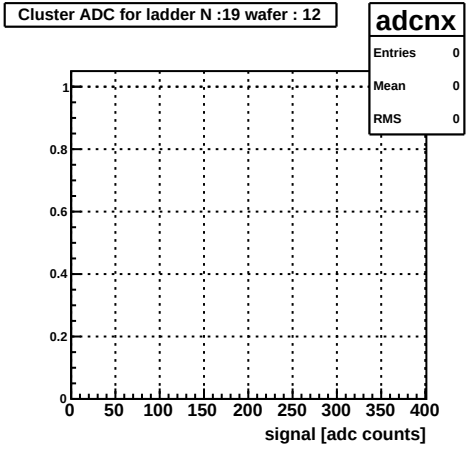

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

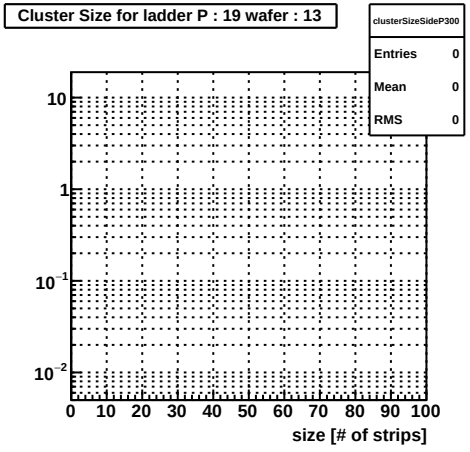

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

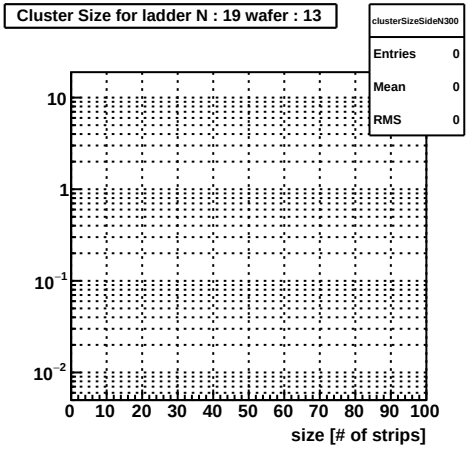

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

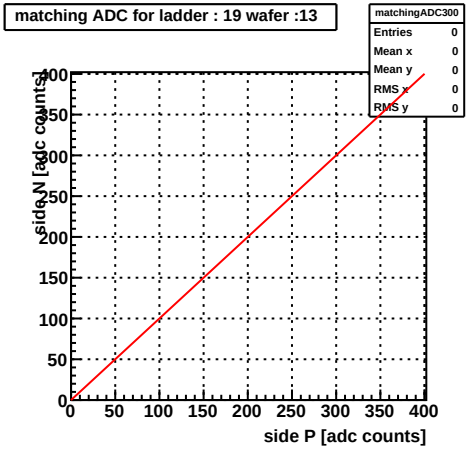

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

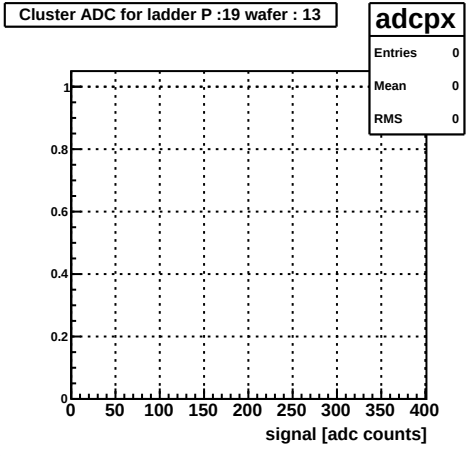

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

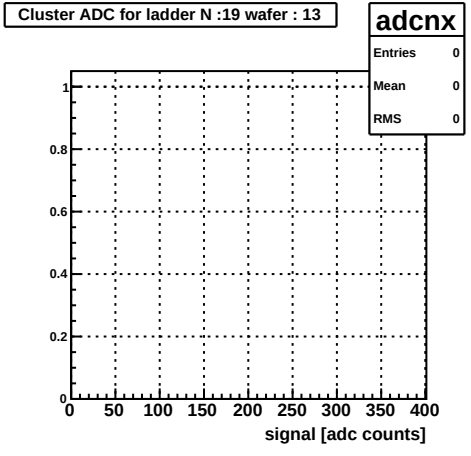

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

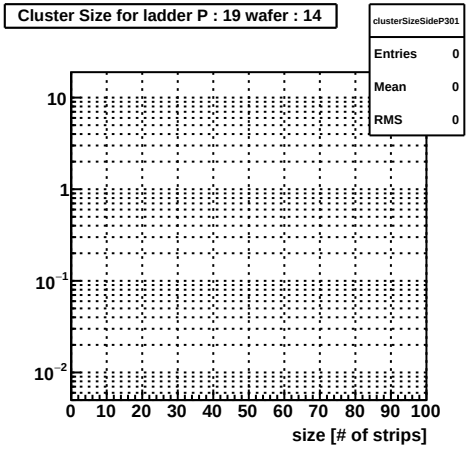

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

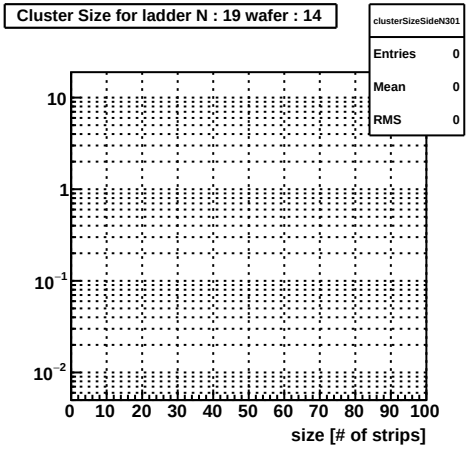

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

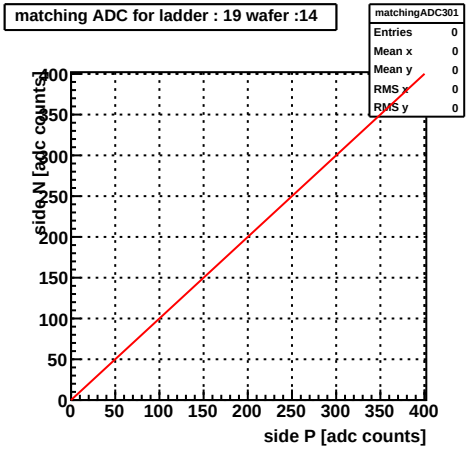

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

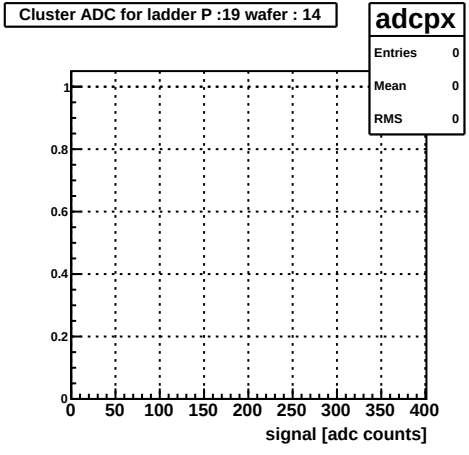

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

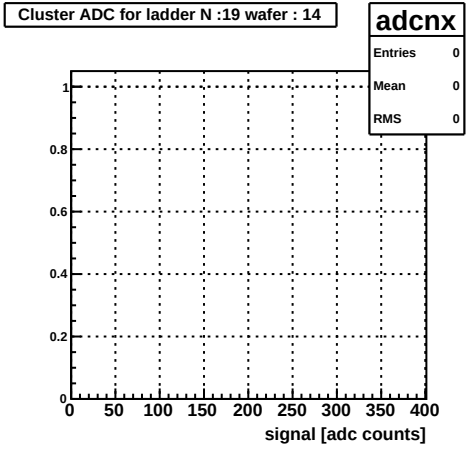

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

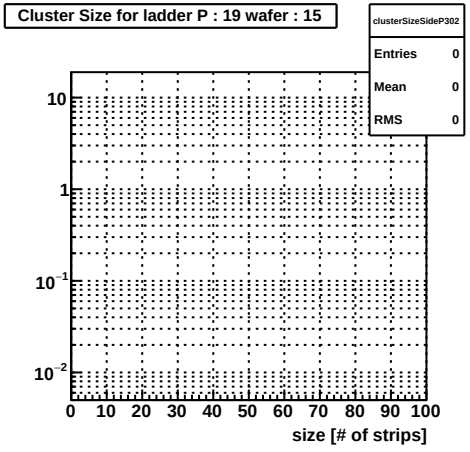

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

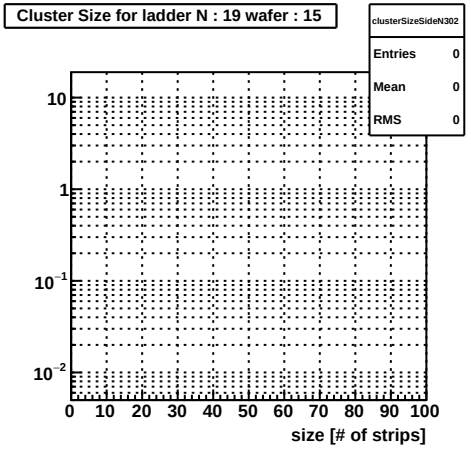

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

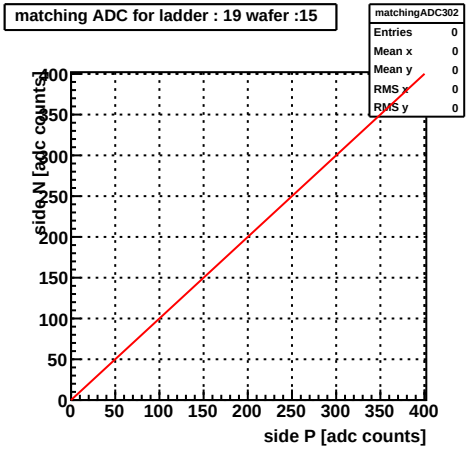

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

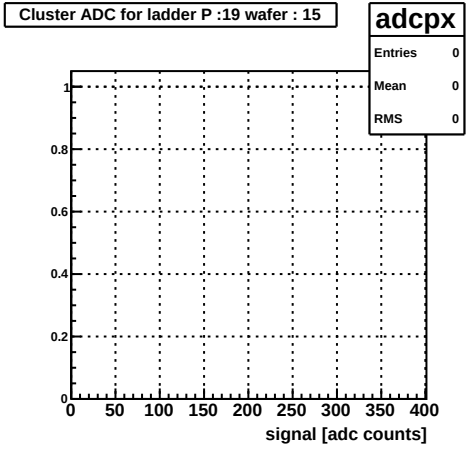

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

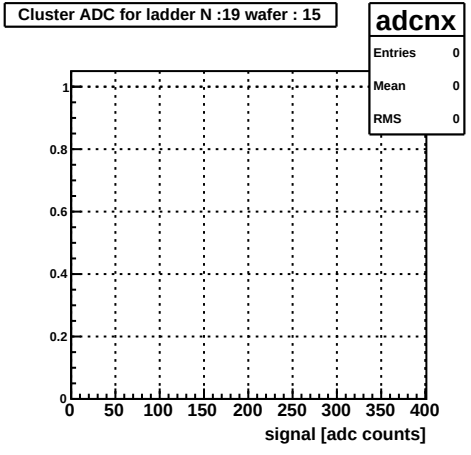

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

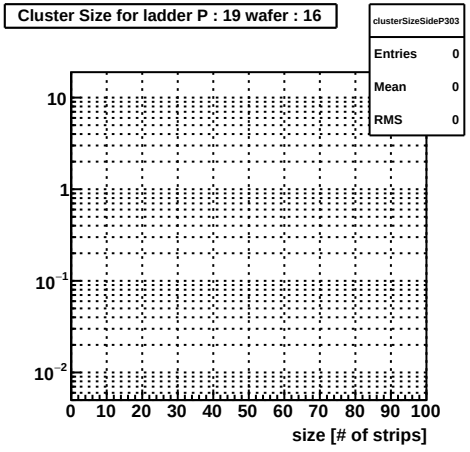

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

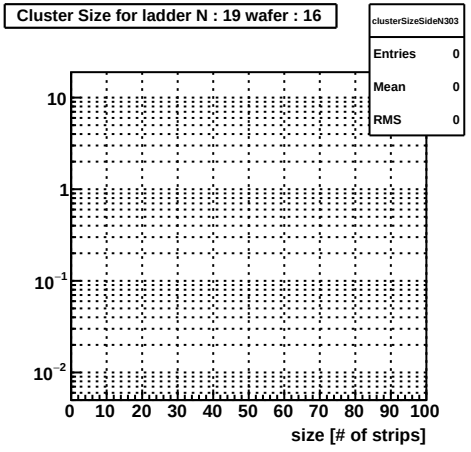

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

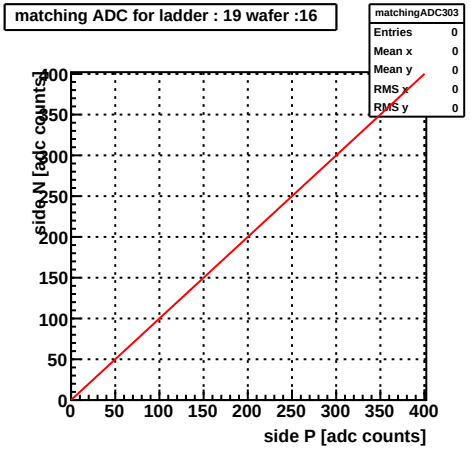

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

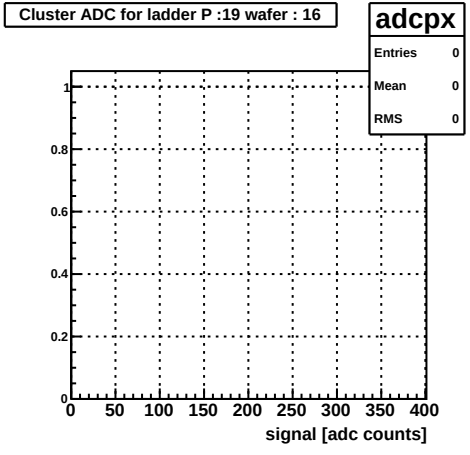

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

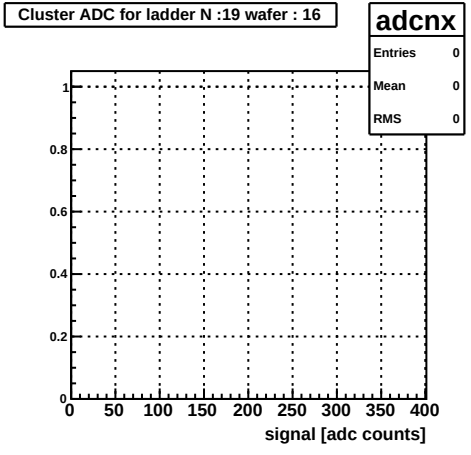

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

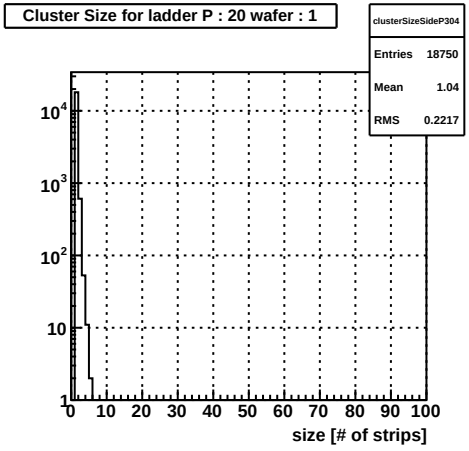

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

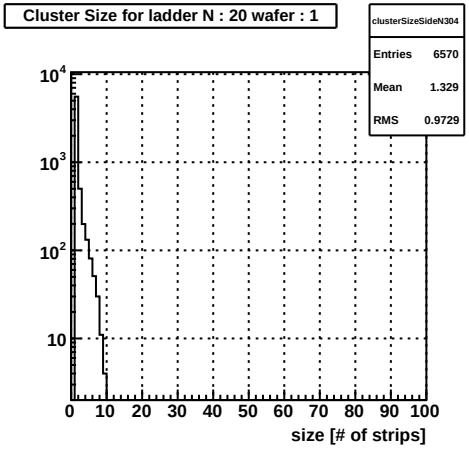

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

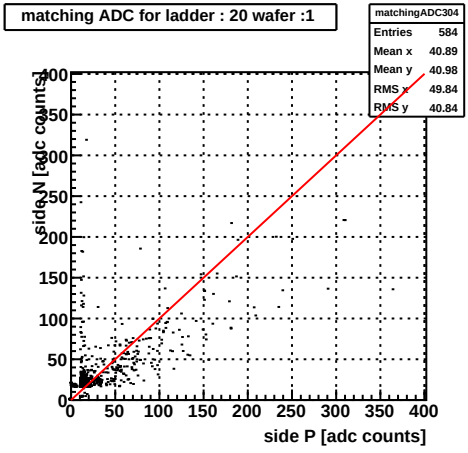

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

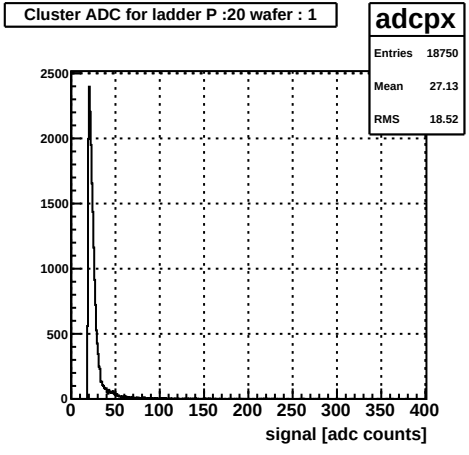

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

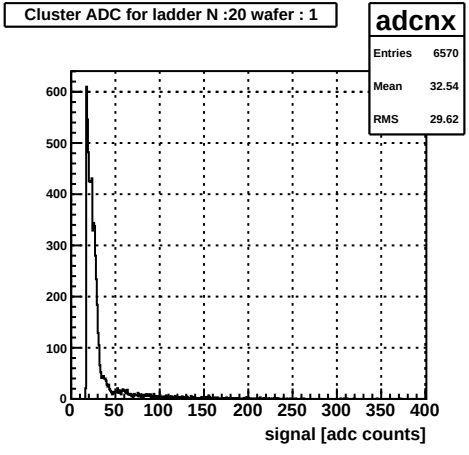

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

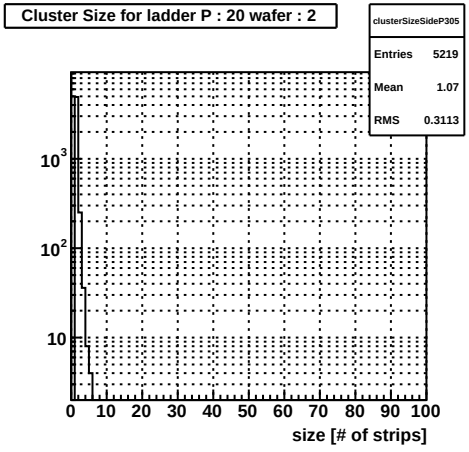

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18750
Mean 1.04
RMS 0.2217
size [# of strips]

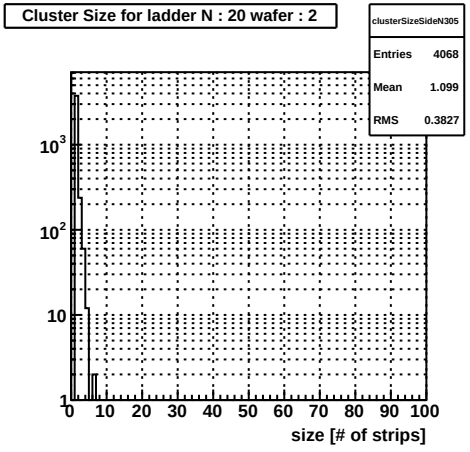

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6570
Mean 1.329
RMS 0.9729
size [# of strips]

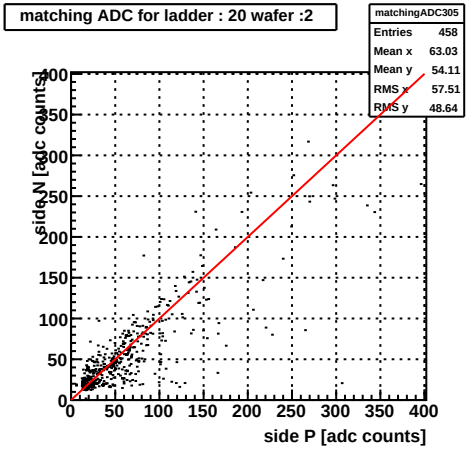

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 584
Mean x 40.89
Mean y 40.98
RMS x 49.84
RMS y 40.84
side N [adc counts]
side P [adc counts]

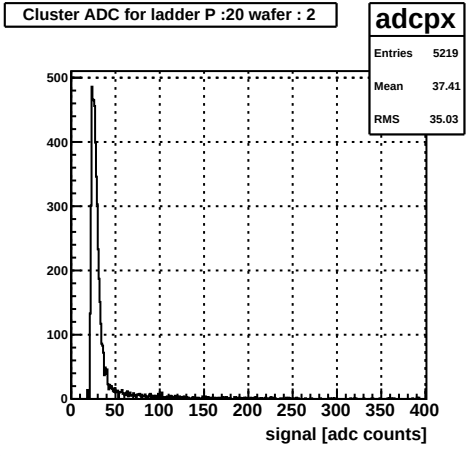

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18750
Mean 27.13
RMS 18.52
signal [adc counts]

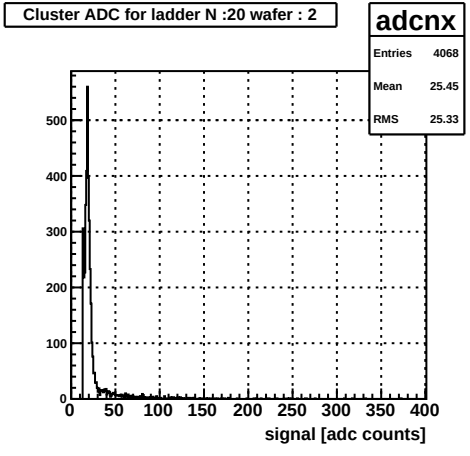

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6570
Mean 32.54
RMS 29.62
signal [adc counts]

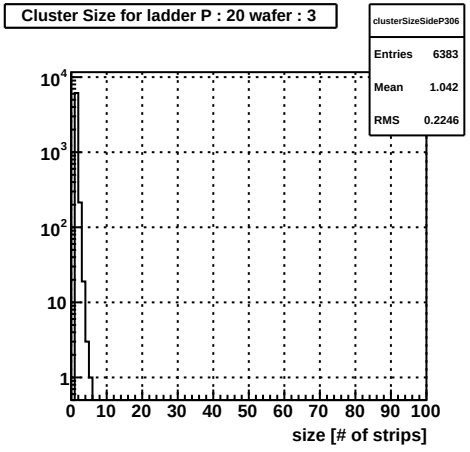

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 5219
Mean 1.07
RMS 0.3113
size [# of strips]

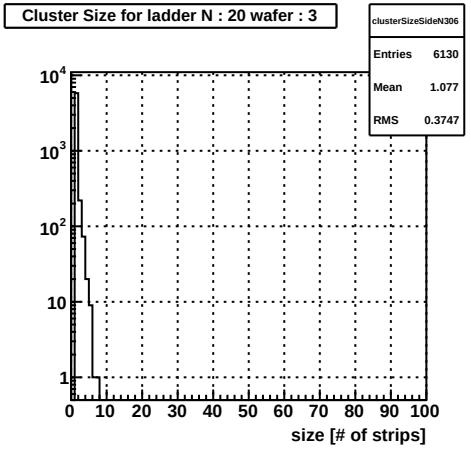

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 4068
Mean 1.099
RMS 0.3827
size [# of strips]

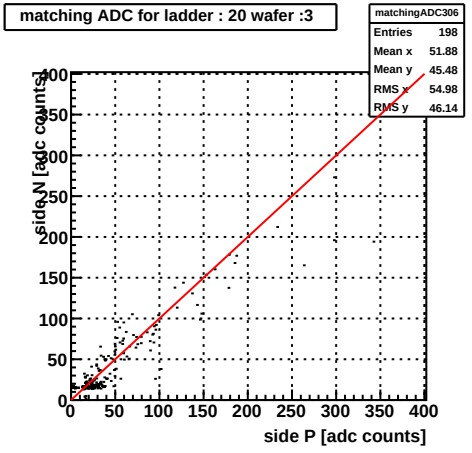

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 458
Mean x 63.03
Mean y 54.11
RMS x 57.51
RMS y 48.64
side N [adc counts]
side P [adc counts]

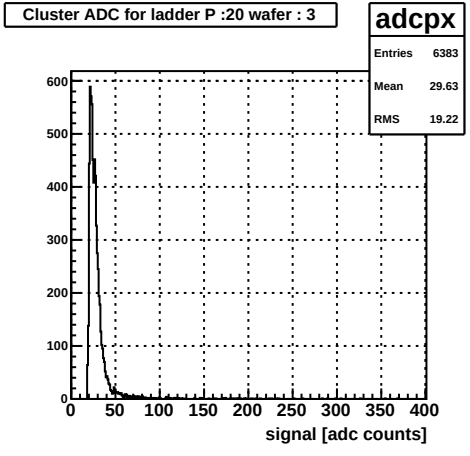

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 5219
Mean 37.41
RMS 35.03
signal [adc counts]

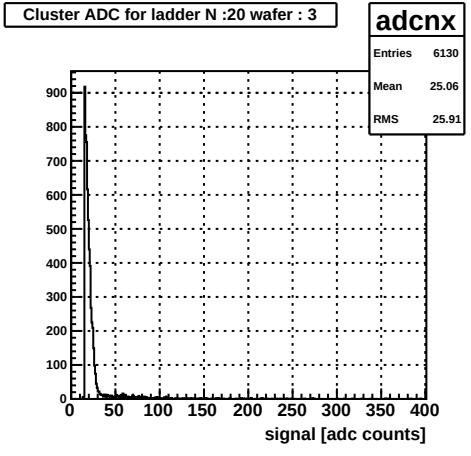

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 4068
Mean 25.45
RMS 25.33
signal [adc counts]

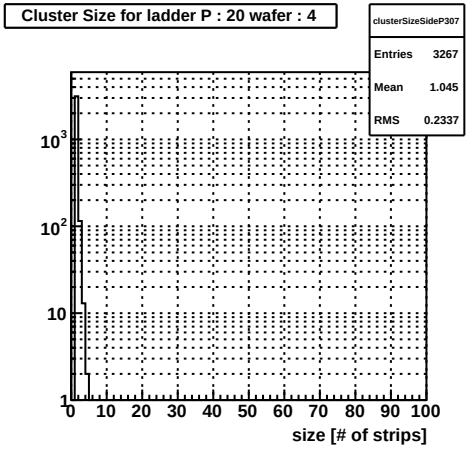

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 6383
Mean 1.042
RMS 0.2246
size [# of strips]

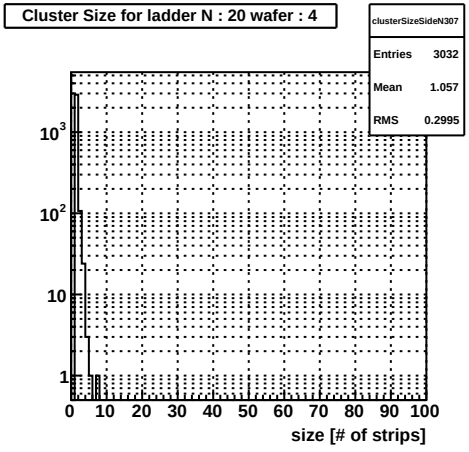

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6130
Mean 1.077
RMS 0.3747
size [# of strips]

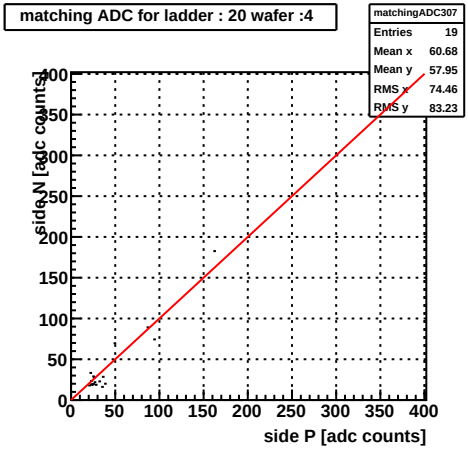

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 198
Mean x 51.88
Mean y 45.48
RMS x 54.98
RMS y 46.14
side N [adc counts]
side P [adc counts]

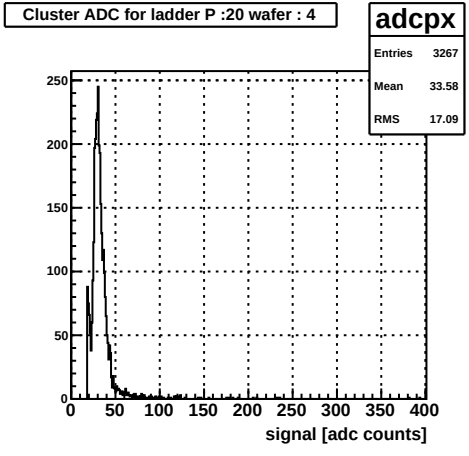

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 6383
Mean 29.63
RMS 19.22
signal [adc counts]

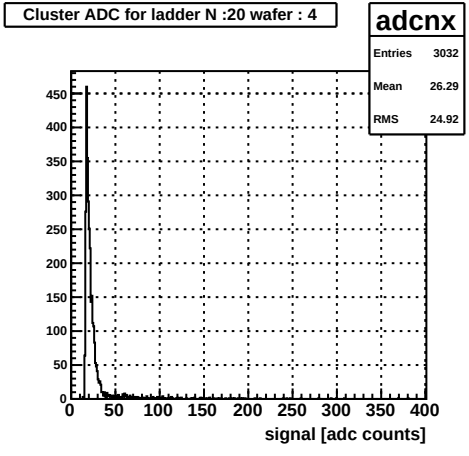

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6130
Mean 25.06
RMS 25.91
signal [adc counts]

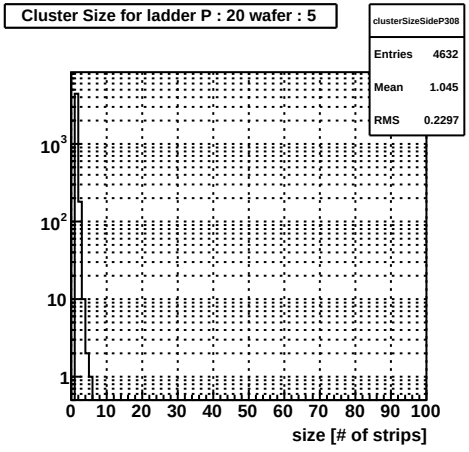

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3267
Mean 1.045
RMS 0.2337
size [# of strips]

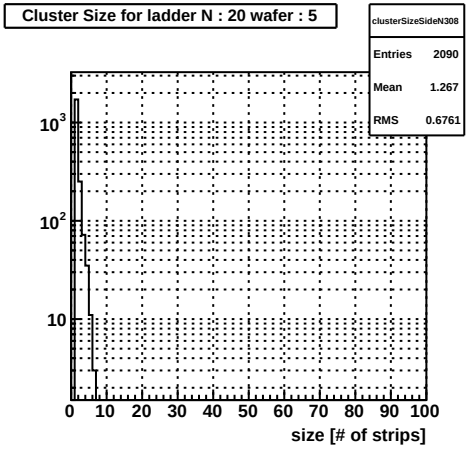

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3032
Mean 1.057
RMS 0.2995
size [# of strips]

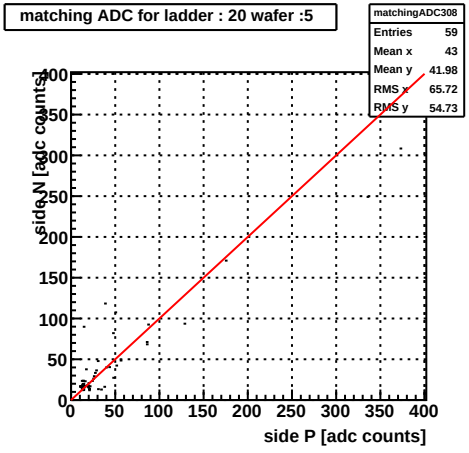

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 19
Mean x 60.68
Mean y 57.95
RMS x 74.46
RMS y 83.23
side N [adc counts]
side P [adc counts]

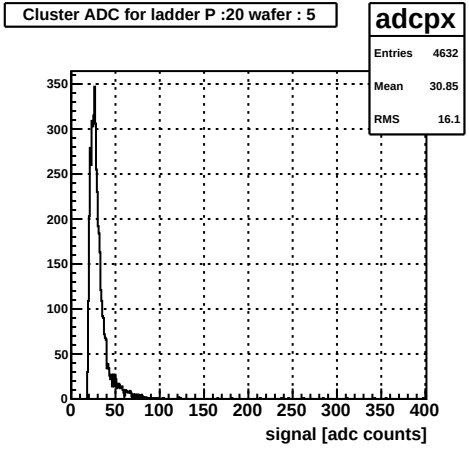

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3267
Mean 33.58
RMS 17.09
signal [adc counts]

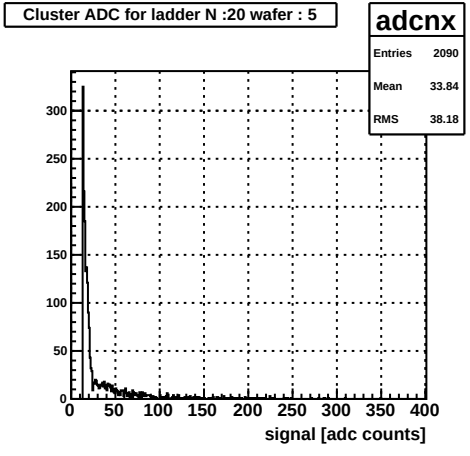

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3032
Mean 26.29
RMS 24.92
signal [adc counts]

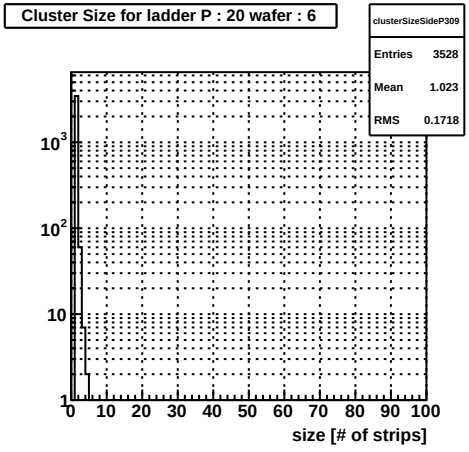

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4632
Mean 1.045
RMS 0.2297
size [# of strips]

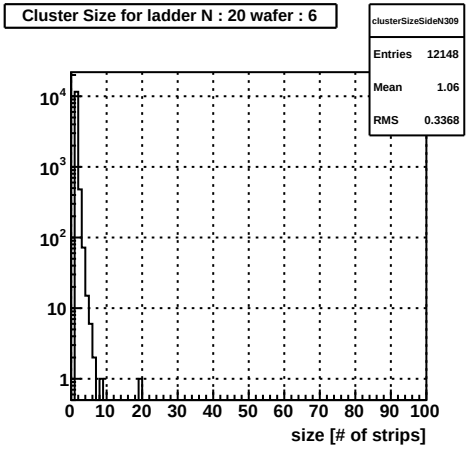

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2090
Mean 1.267
RMS 0.6761
size [# of strips]

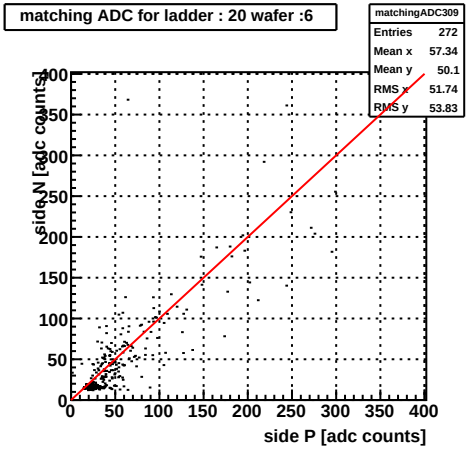

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 59
Mean x 43
Mean y 41.98
RMS x 65.72
RMS y 54.73
side N [adc counts]
side P [adc counts]

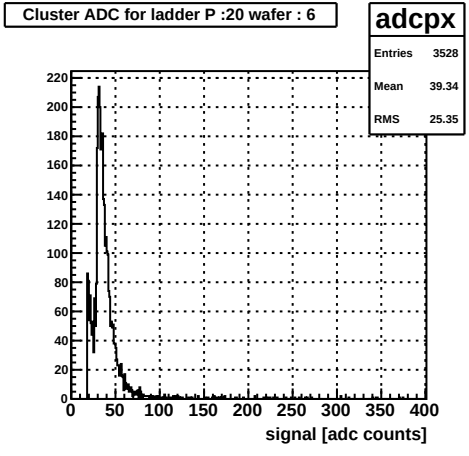

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4632
Mean 30.85
RMS 16.1
signal [adc counts]

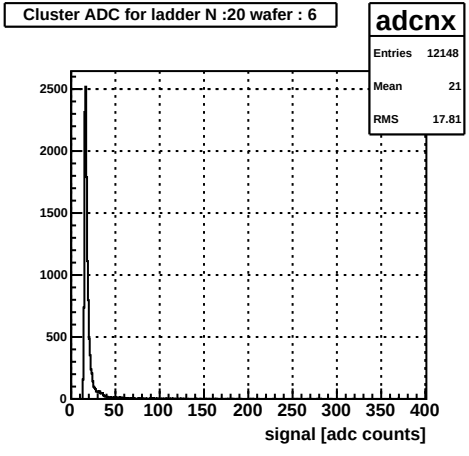

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2090
Mean 33.84
RMS 38.18
signal [adc counts]

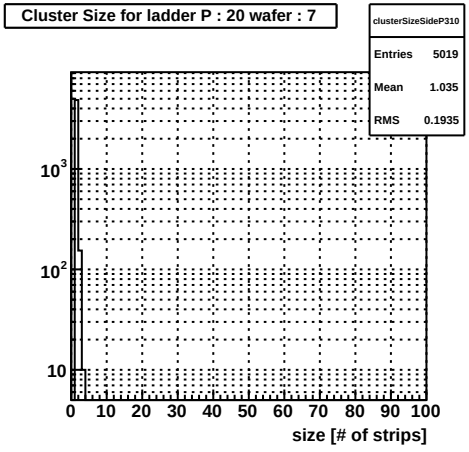

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3528
Mean 1.023
RMS 0.1718
size [# of strips]

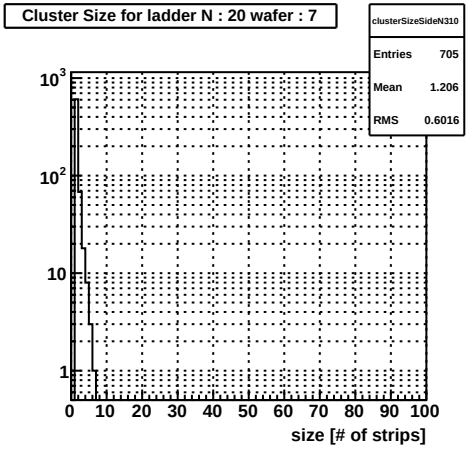

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12148
Mean 1.06
RMS 0.3368
size [# of strips]

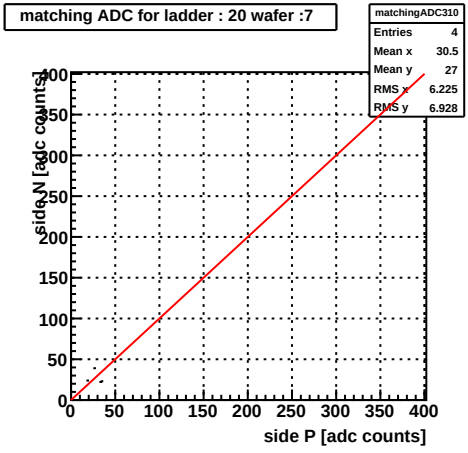

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 272
Mean x 57.34
Mean y 50.1
RMS x 51.74
RMS y 53.83
side N [adc counts]
side P [adc counts]

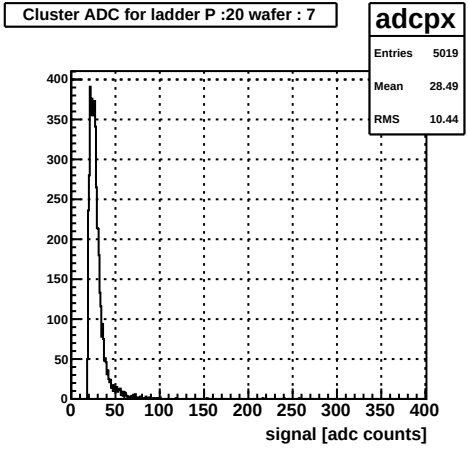

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3528
Mean 39.34
RMS 25.35
signal [adc counts]

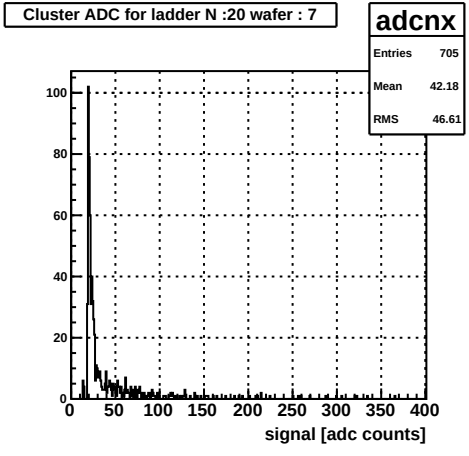

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12148
Mean 21
RMS 17.81
signal [adc counts]

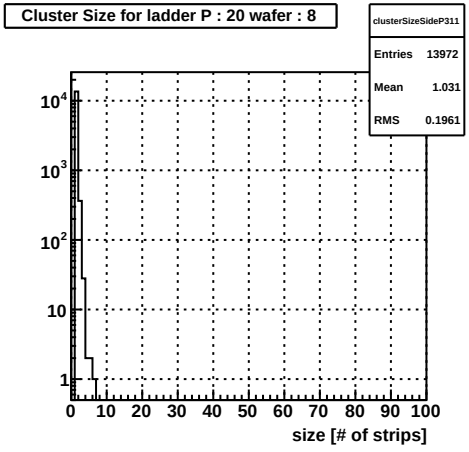

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5019
Mean 1.035
RMS 0.1935
size [# of strips]

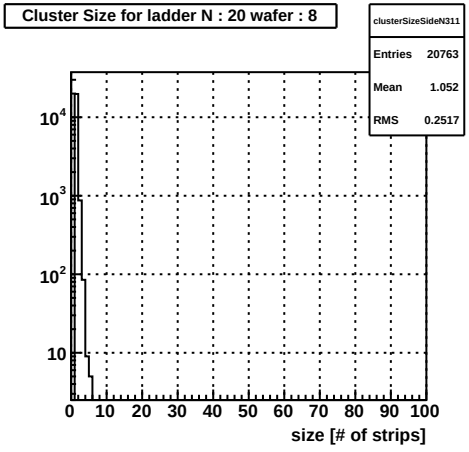

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 705
Mean 1.206
RMS 0.6016
size [# of strips]

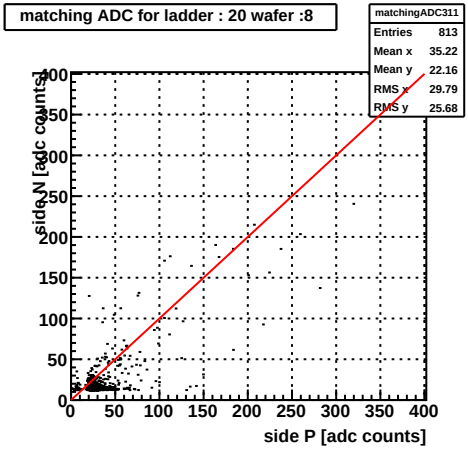

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 30.5
Mean y 27
RMS x 6.225
RMS y 6.928
side N [adc counts]
side P [adc counts]

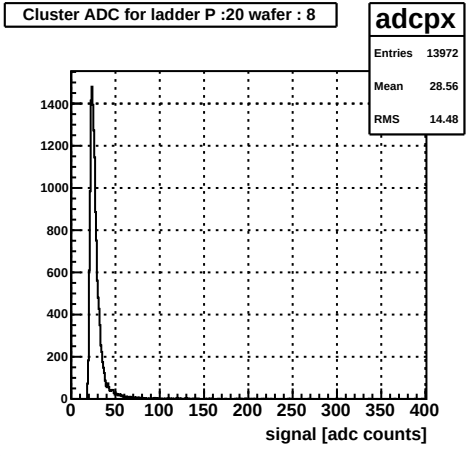

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5019
Mean 28.49
RMS 10.44
signal [adc counts]

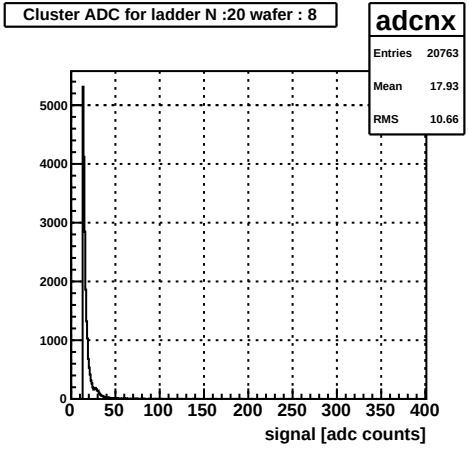

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 705
Mean 42.18
RMS 46.61
signal [adc counts]

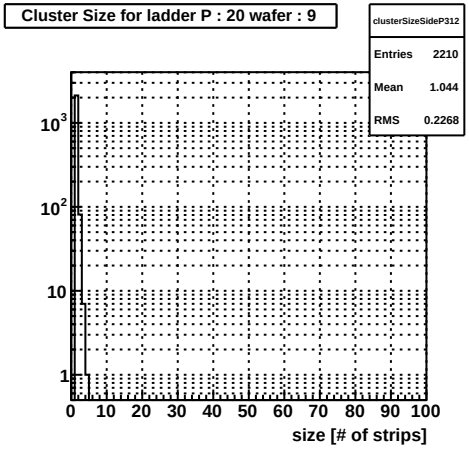

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 13972
Mean 1.031
RMS 0.1961
size [# of strips]

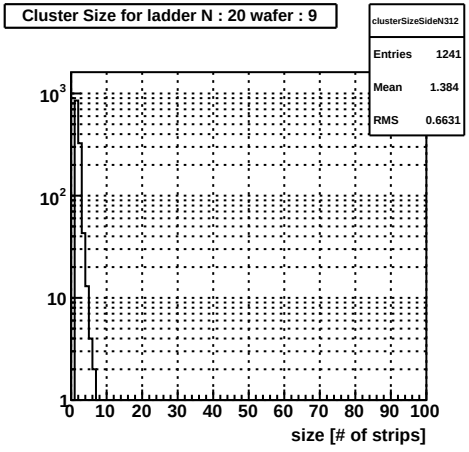

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 20763
Mean 1.052
RMS 0.2517
size [# of strips]

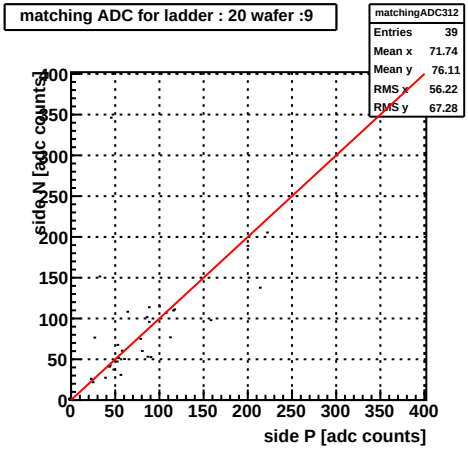

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 813
Mean x 35.22
Mean y 22.16
RMS x 29.79
RMS y 25.68
side N [adc counts]
side P [adc counts]

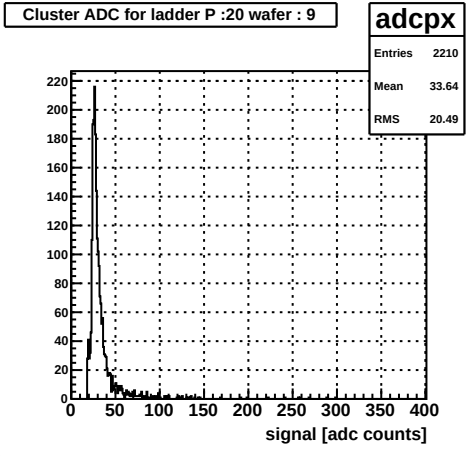

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 13972
Mean 28.56
RMS 14.48
signal [adc counts]

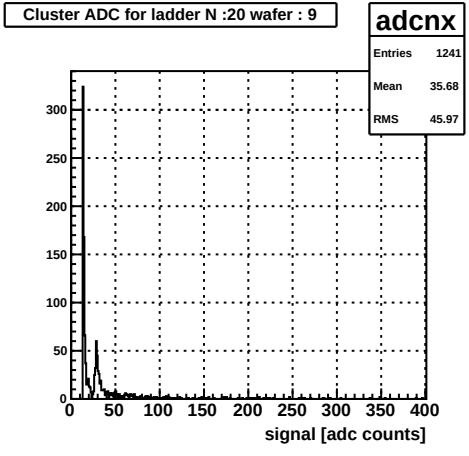

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 20763
Mean 17.93
RMS 10.66
signal [adc counts]

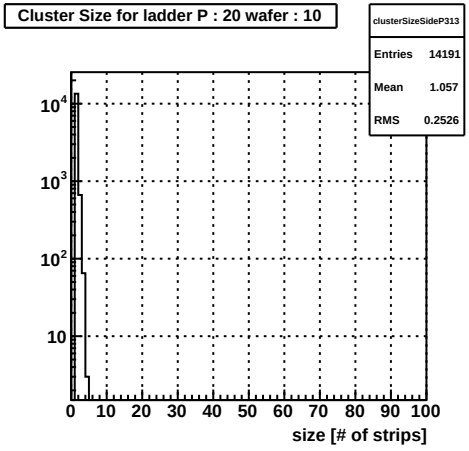

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2210
Mean 1.044
RMS 0.2268
size [# of strips]

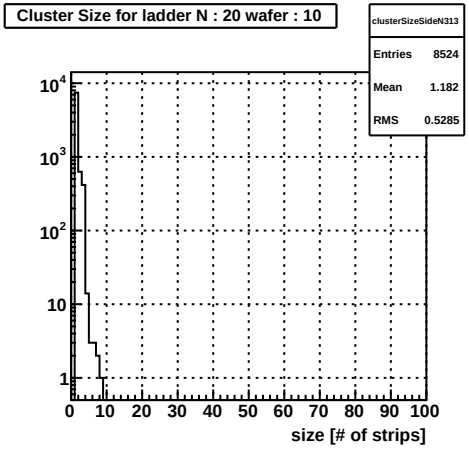

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1241
Mean 1.384
RMS 0.6631
size [# of strips]

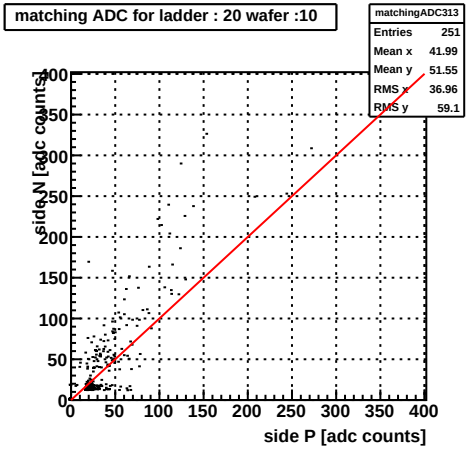

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 39
Mean x 71.74
Mean y 76.11
RMS x 56.22
RMS y 67.28
side N [adc counts]
side P [adc counts]

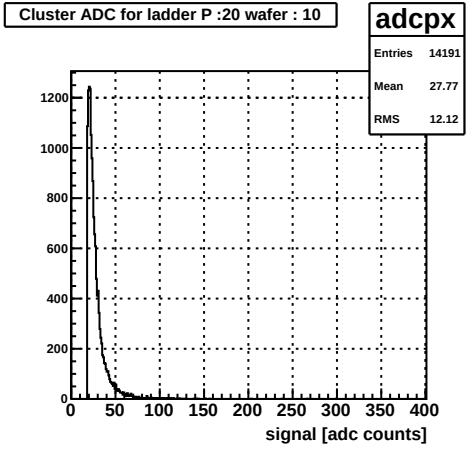

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2210
Mean 33.64
RMS 20.49
signal [adc counts]

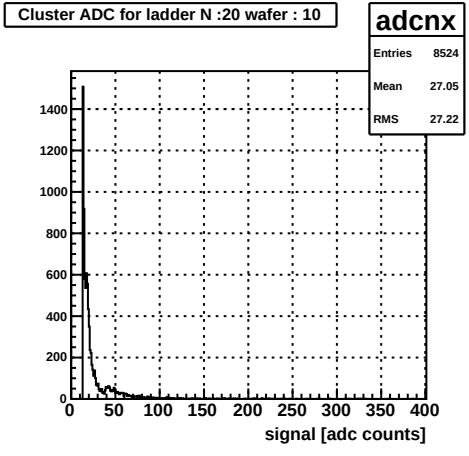

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1241
Mean 35.68
RMS 45.97
signal [adc counts]

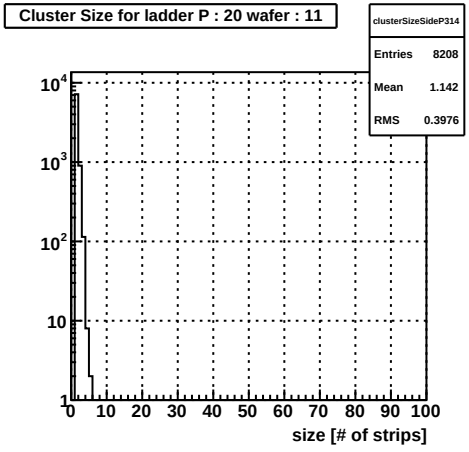

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 14191
Mean 1.057
RMS 0.2526
size [# of strips]

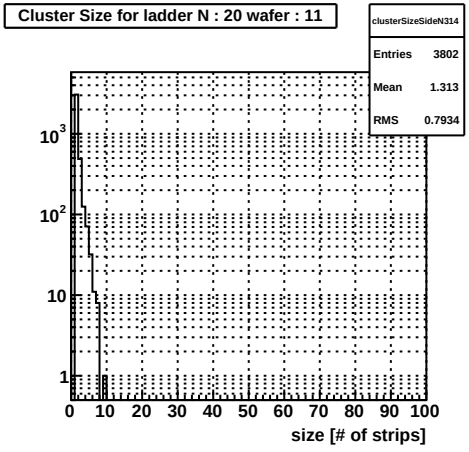

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8524
Mean 1.182
RMS 0.5285
size [# of strips]

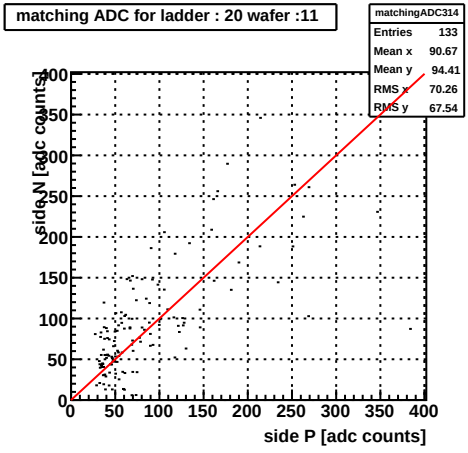

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 251
Mean x 41.99
Mean y 51.55
RMS x 36.96
RMS y 59.1
side N [adc counts]
side P [adc counts]

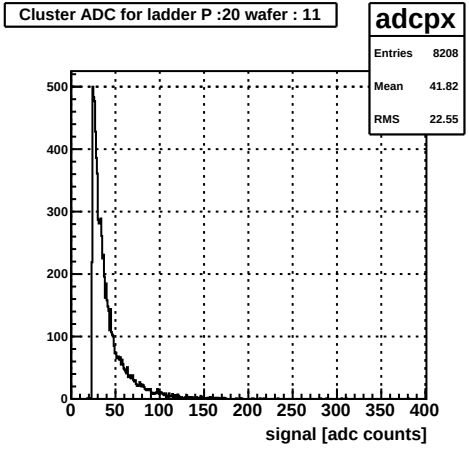

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 14191
Mean 27.77
RMS 12.12
signal [adc counts]

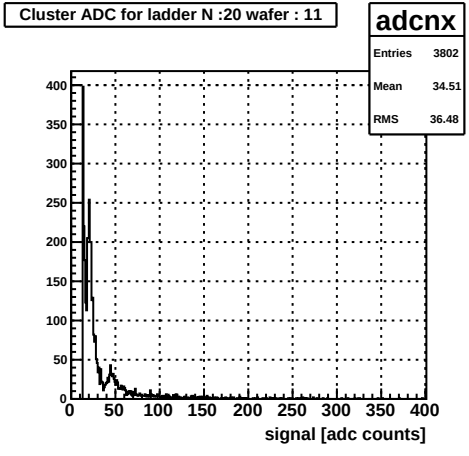

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8524
Mean 27.05
RMS 27.22
signal [adc counts]

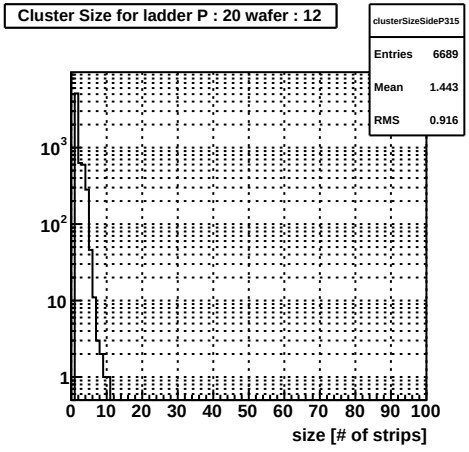

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8208
Mean 1.142
RMS 0.3976
size [# of strips]

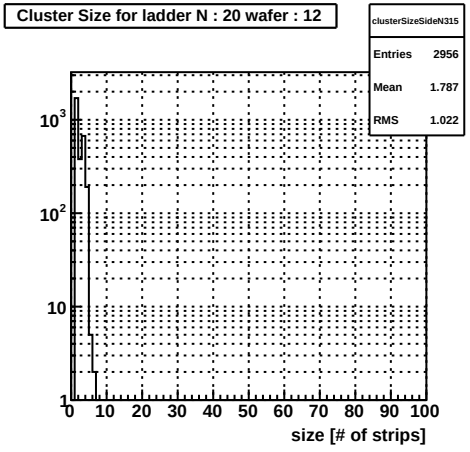

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3802
Mean 1.313
RMS 0.7934
size [# of strips]

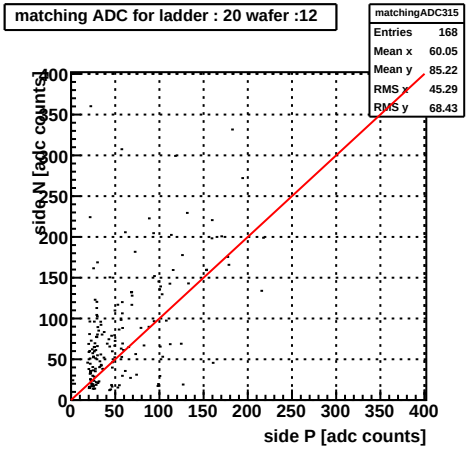

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 133
Mean x 90.67
Mean y 94.41
RMS x 70.26
RMS y 67.54
side N [adc counts]
side P [adc counts]

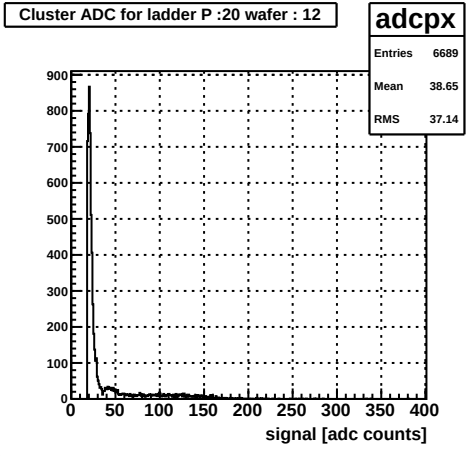

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8208
Mean 41.82
RMS 22.55
signal [adc counts]

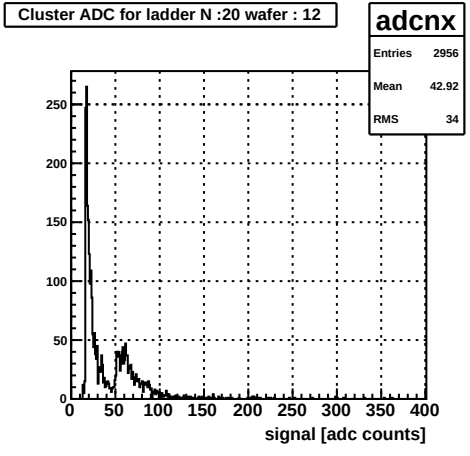

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3802
Mean 34.51
RMS 36.48
signal [adc counts]

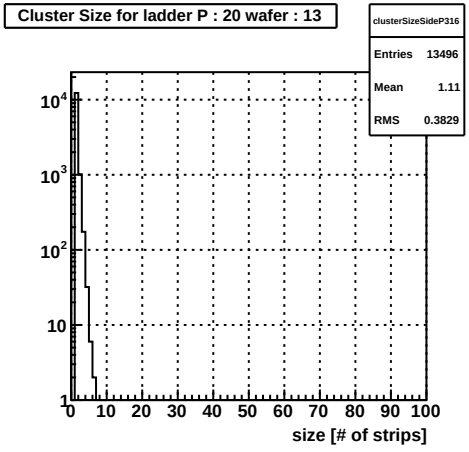

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6689
Mean 1.443
RMS 0.916
size [# of strips]

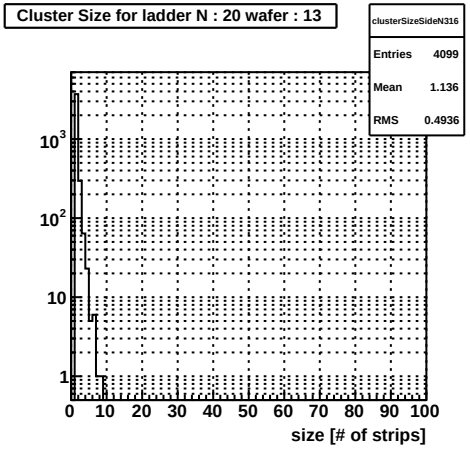

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2956
Mean 1.787
RMS 1.022
size [# of strips]

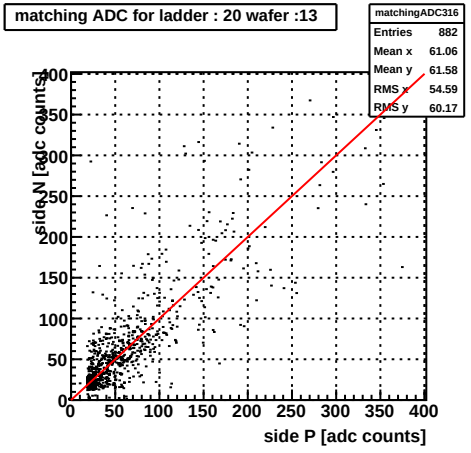

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 168
Mean x 60.05
Mean y 85.22
RMS x 45.29
RMS y 68.43
side N [adc counts]
side P [adc counts]

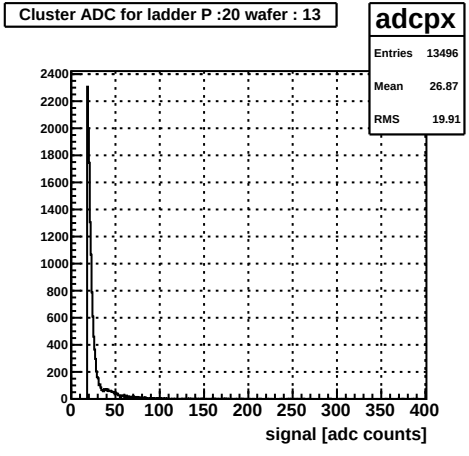

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6689
Mean 38.65
RMS 37.14
signal [adc counts]

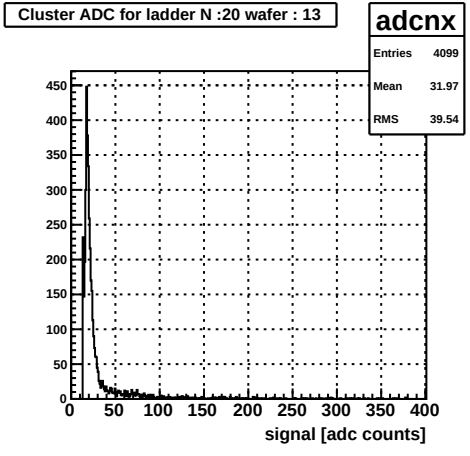

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2956
Mean 42.92
RMS 34
signal [adc counts]

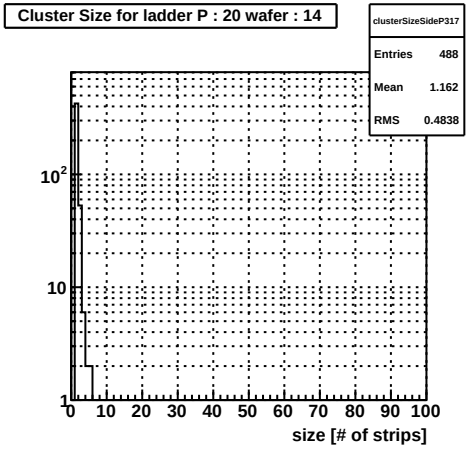

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 13496
Mean 1.11
RMS 0.3829
size [# of strips]

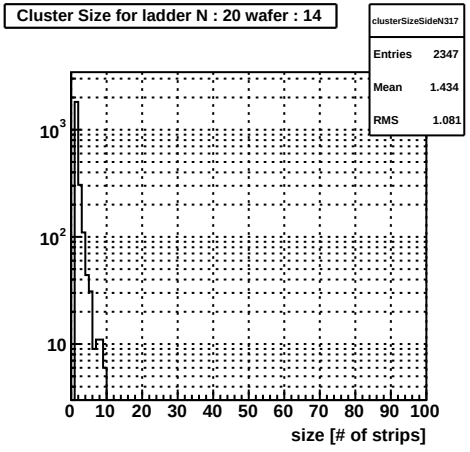

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4099
Mean 1.136
RMS 0.4936
size [# of strips]

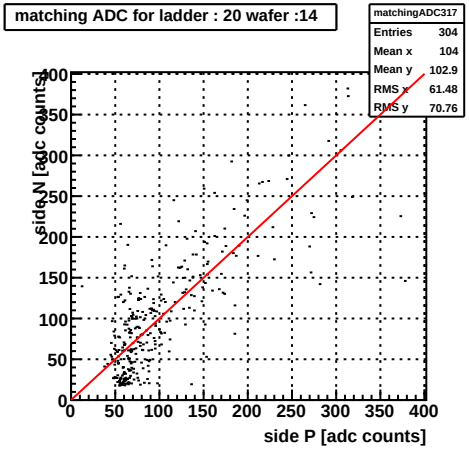

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 882
Mean x 61.06
Mean y 61.58
RMS x 54.59
RMS y 60.17
side N [adc counts]
side P [adc counts]

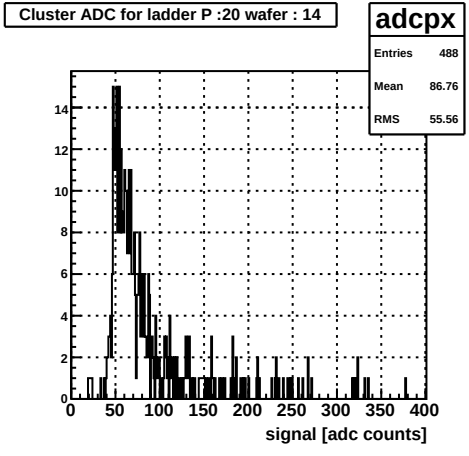

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 13496
Mean 26.87
RMS 19.91
signal [adc counts]

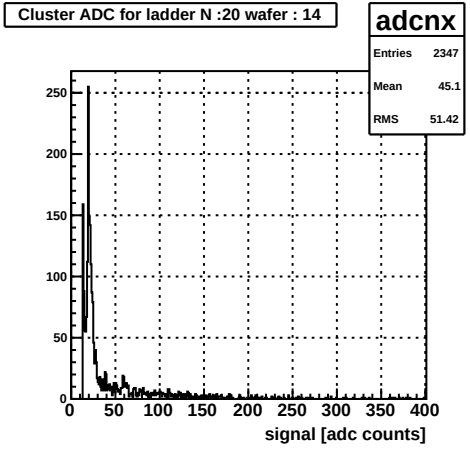

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4099
Mean 31.97
RMS 39.54
signal [adc counts]

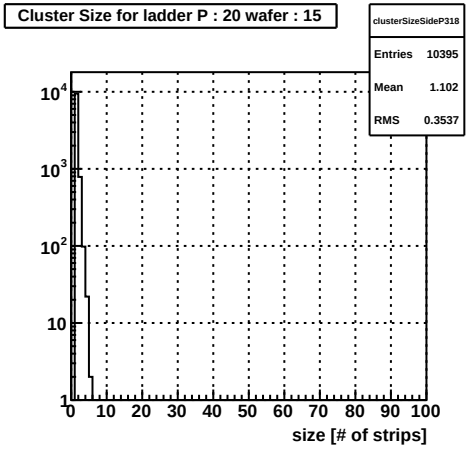

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 488
Mean 1.162
RMS 0.4838
size [# of strips]

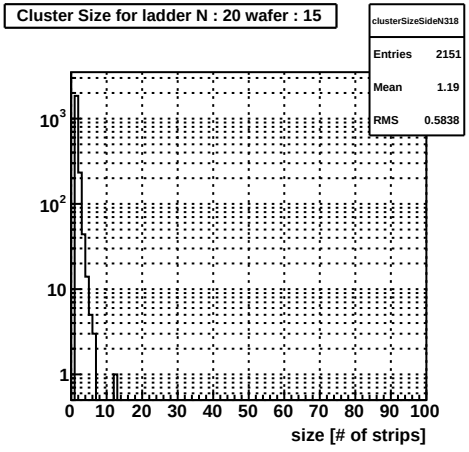

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2347
Mean 1.434
RMS 1.081
size [# of strips]

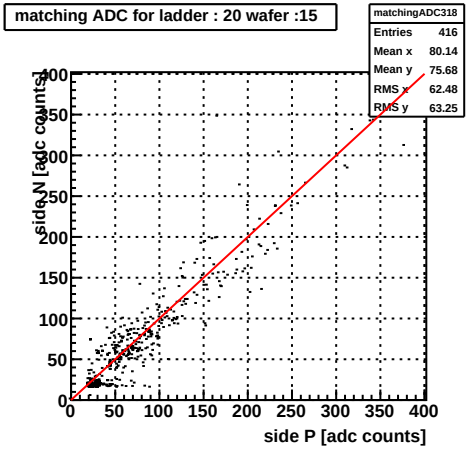

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 304
Mean x 104
Mean y 102.9
RMS x 61.48
RMS y 70.76
side N [adc counts]
side P [adc counts]

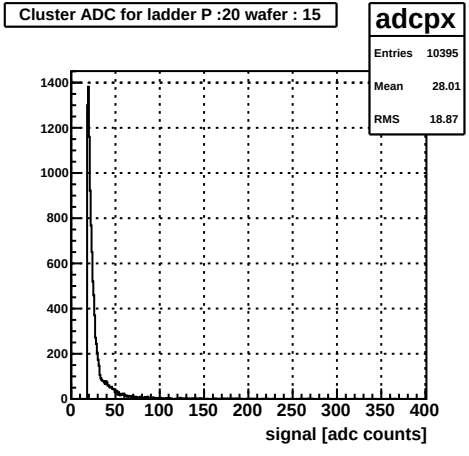

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 488
Mean 86.76
RMS 55.56
signal [adc counts]

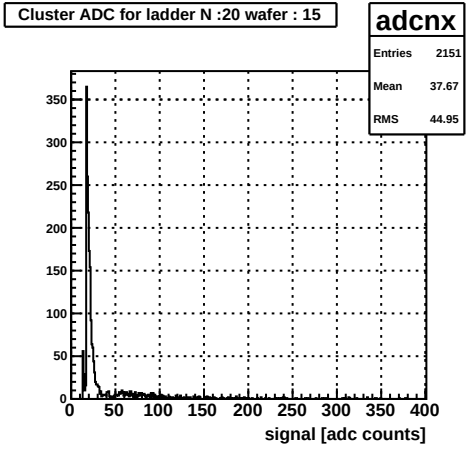

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2347
Mean 45.1
RMS 51.42
signal [adc counts]

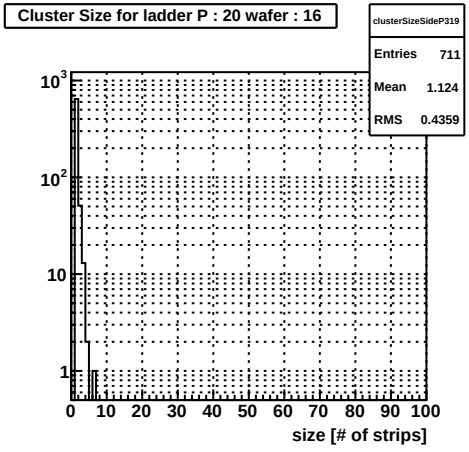

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 10395
Mean 1.102
RMS 0.3537
size [# of strips]

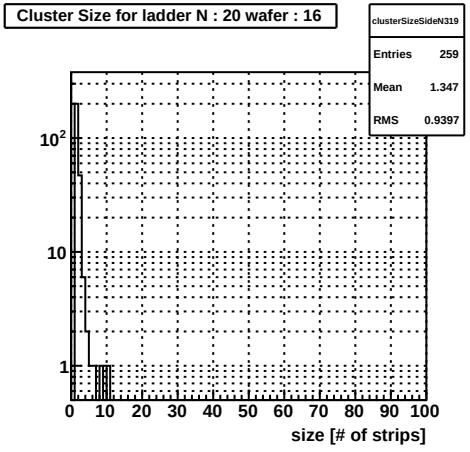

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2151
Mean 1.19
RMS 0.5838
size [# of strips]

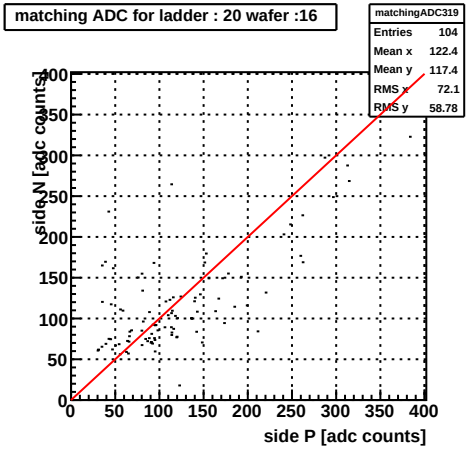

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 416
Mean x 80.14
Mean y 75.68
RMS x 62.48
RMS y 63.25
side N [adc counts]
side P [adc counts]

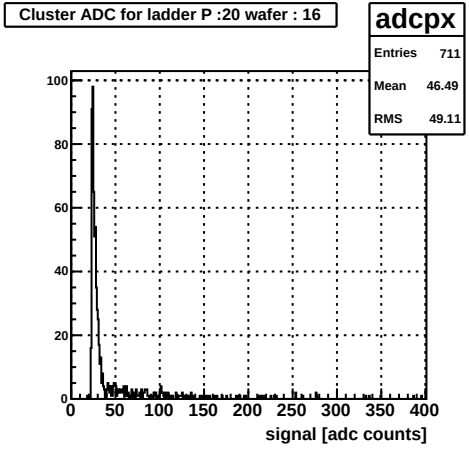

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 10395
Mean 28.01
RMS 18.87
signal [adc counts]

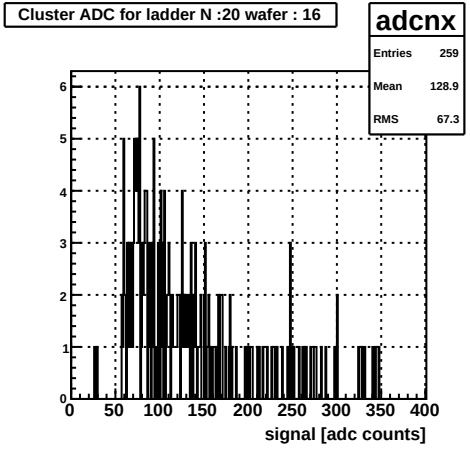

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2151
Mean 37.67
RMS 44.95
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 711
Mean 1.124
RMS 0.4359
size [# of strips]

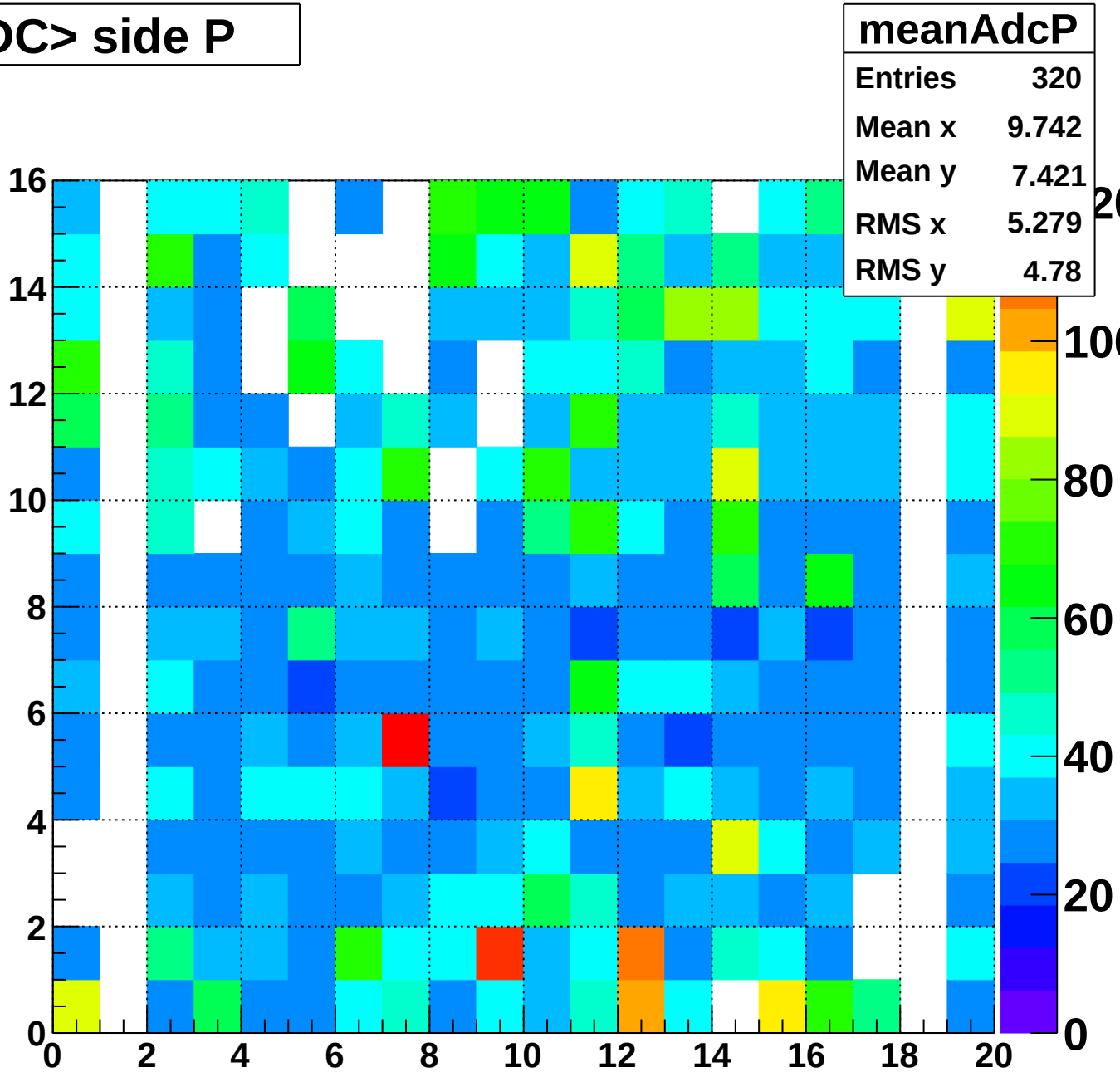

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 259
Mean 1.347
RMS 0.9397
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 104
Mean x 122.4
Mean y 117.4
RMS x 72.1
RMS y 58.78
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 711
Mean 46.49
RMS 49.11
signal [adc counts]

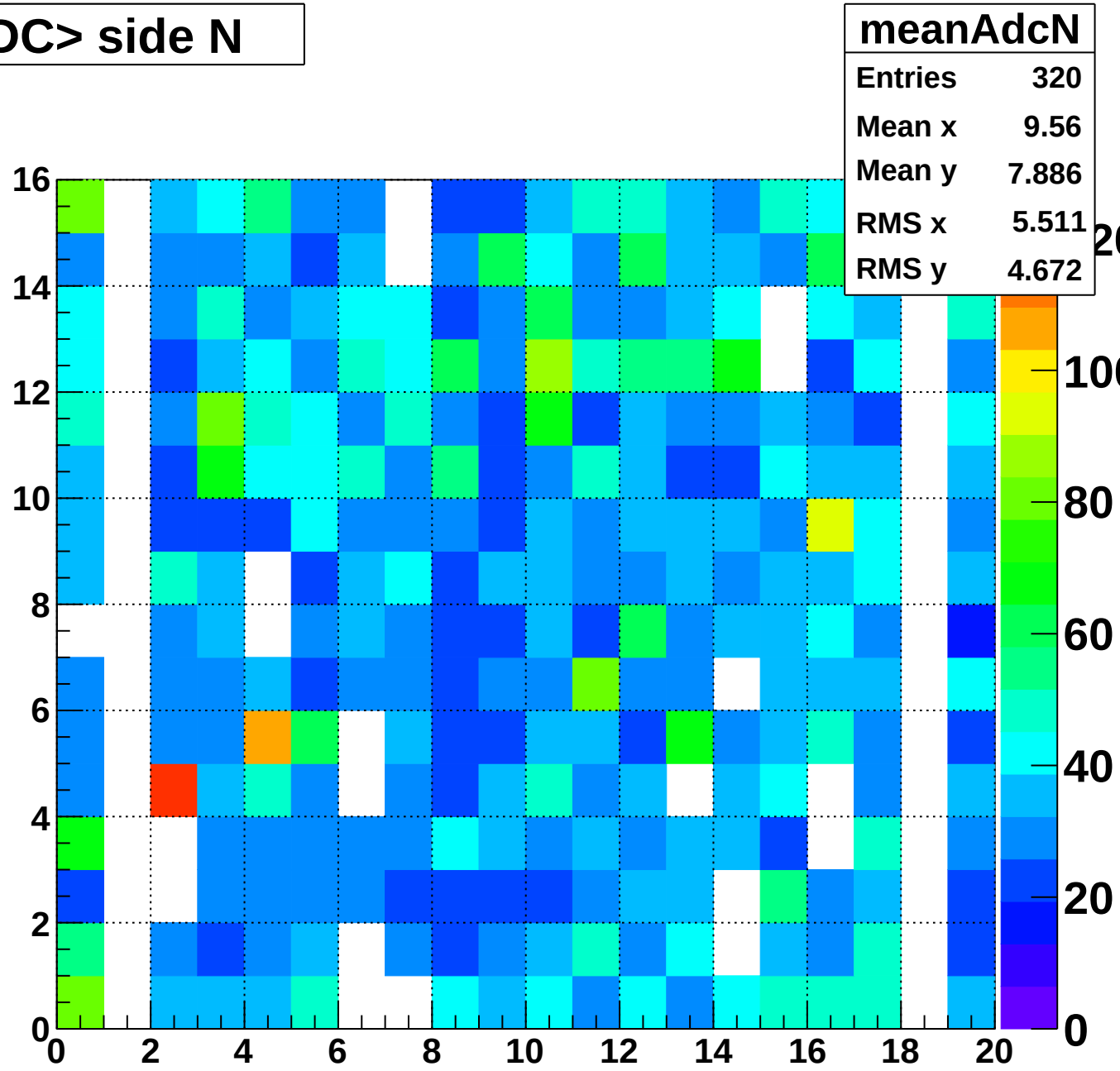

Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 259
Mean 128.9
RMS 67.3
signal [adc counts]

<ADC> side P



2016-05-25 18:33:00

<ADC> side N



2016-05-25 18:33:00