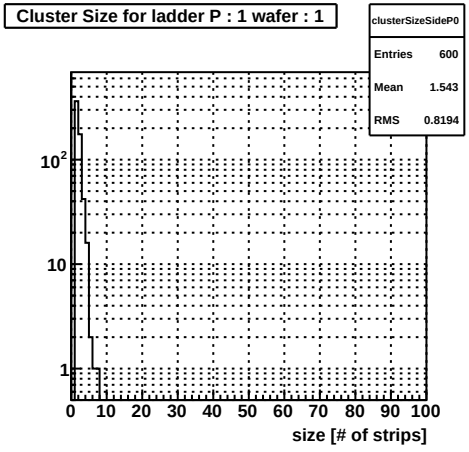
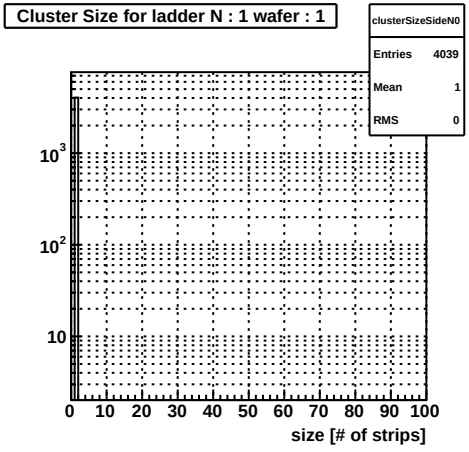
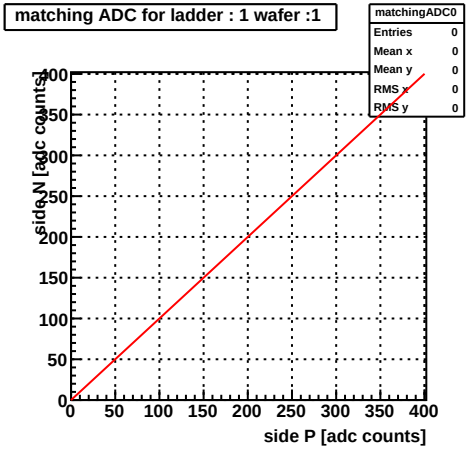
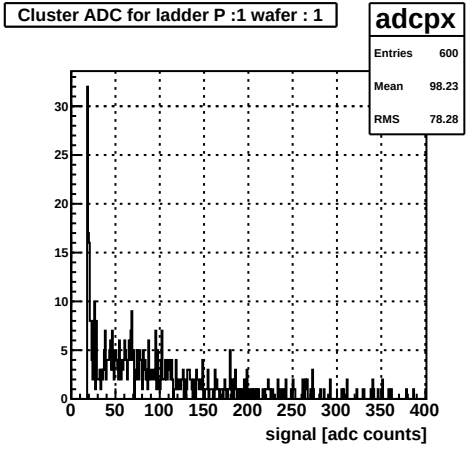
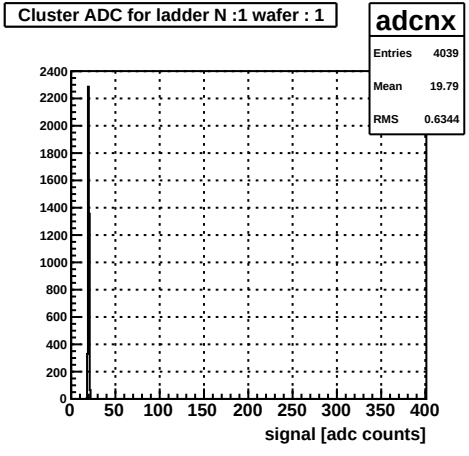
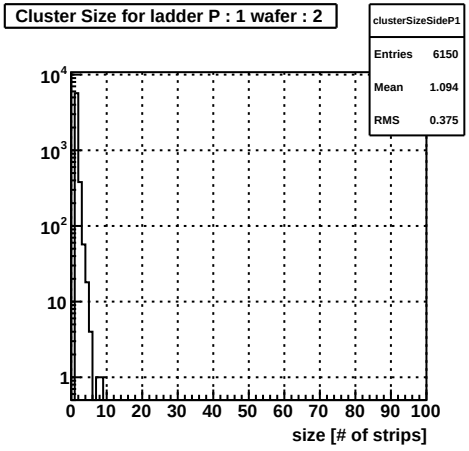

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 600
Mean 1.543
RMS 0.8194
size [# of strips]

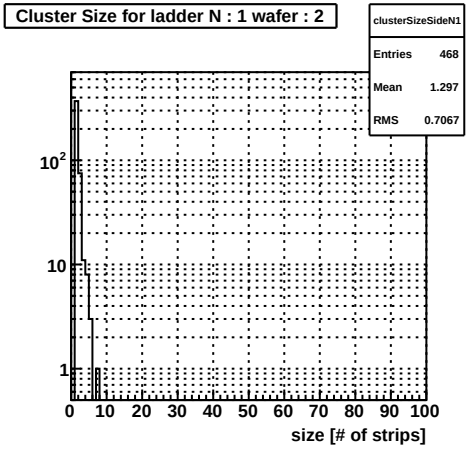

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4039
Mean 1
RMS 0
size [# of strips]

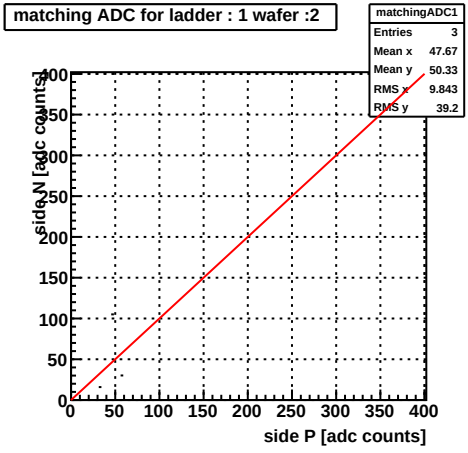

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

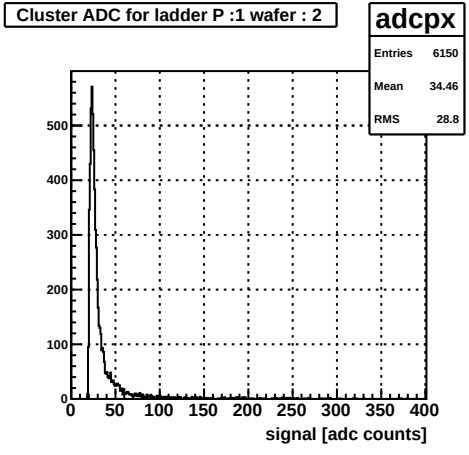

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 600
Mean 98.23
RMS 78.28
signal [adc counts]

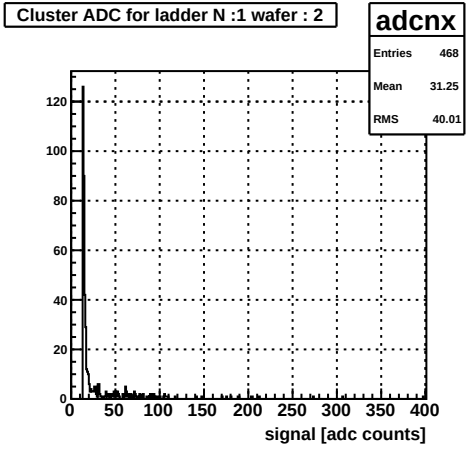

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4039
Mean 19.79
RMS 0.6344
signal [adc counts]

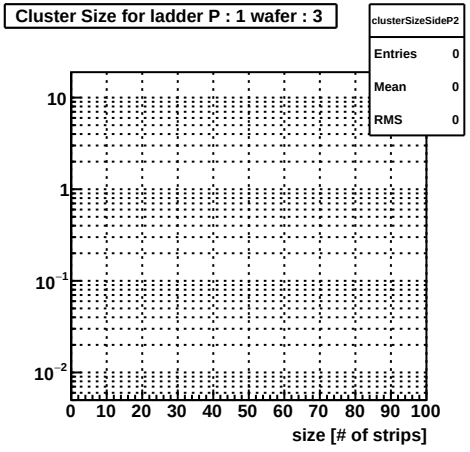

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6150
Mean 1.094
RMS 0.375
size [# of strips]

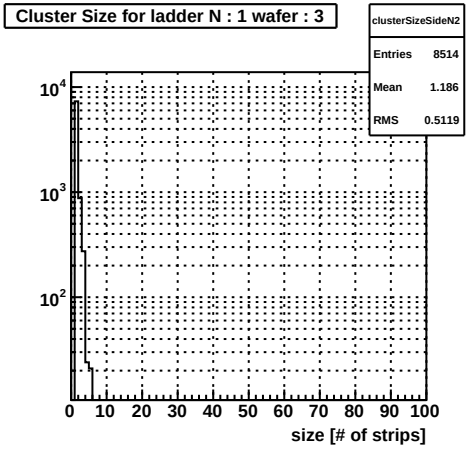

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 468
Mean 1.297
RMS 0.7067
size [# of strips]

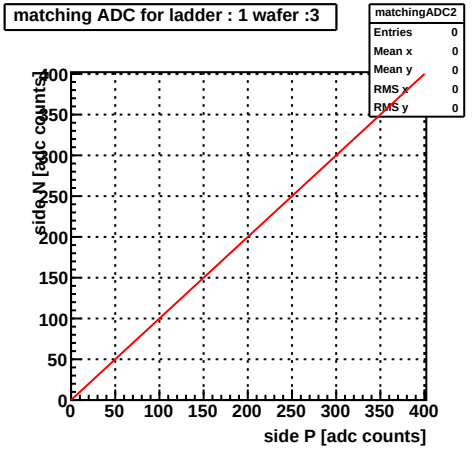

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 47.67
Mean y 50.33
RMS x 9.843
RMS y 39.2
side N [adc counts]
side P [adc counts]

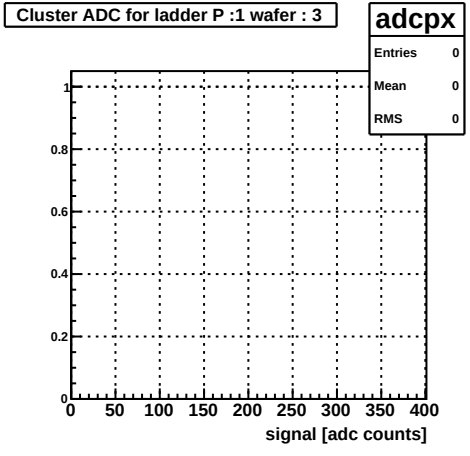

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6150
Mean 34.46
RMS 28.8
signal [adc counts]

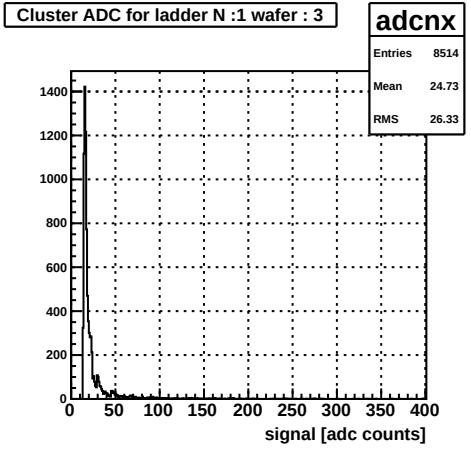

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 468
Mean 31.25
RMS 40.01
signal [adc counts]

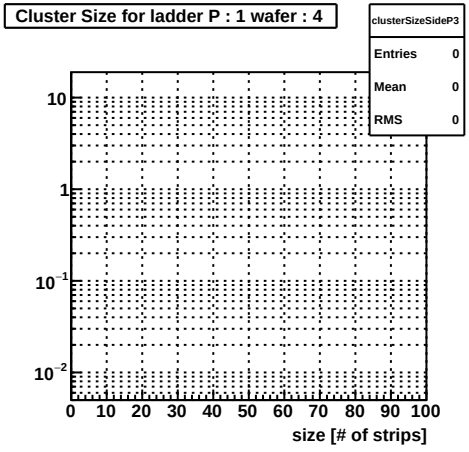

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

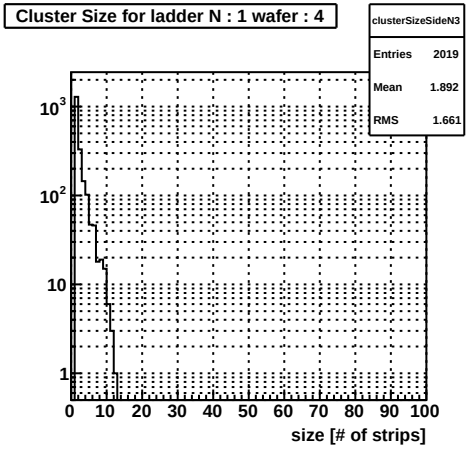

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8514
Mean 1.186
RMS 0.5119
size [# of strips]

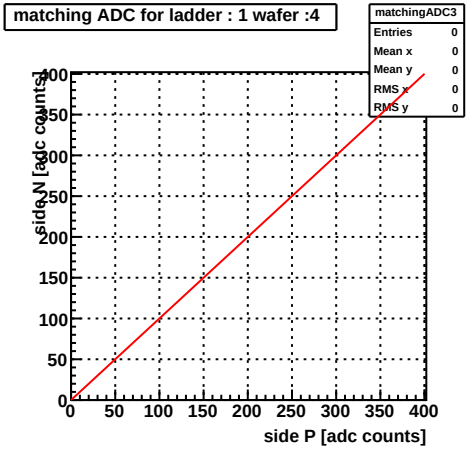

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

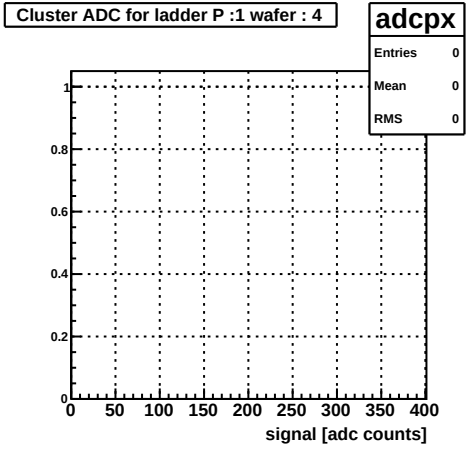

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

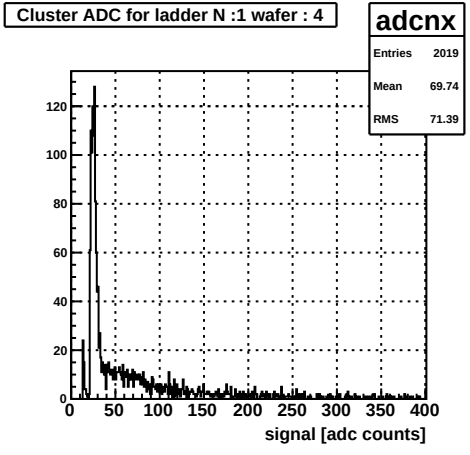

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8514
Mean 24.73
RMS 26.33
signal [adc counts]

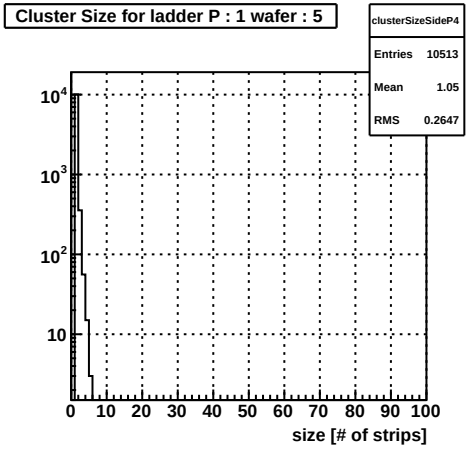

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

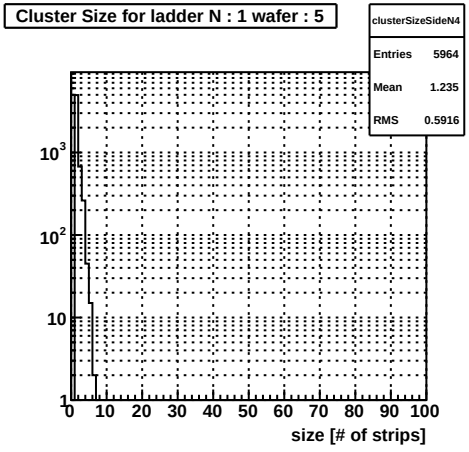

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2019
Mean 1.892
RMS 1.661
size [# of strips]

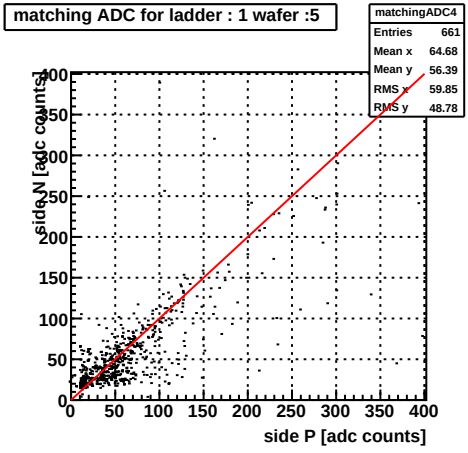

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

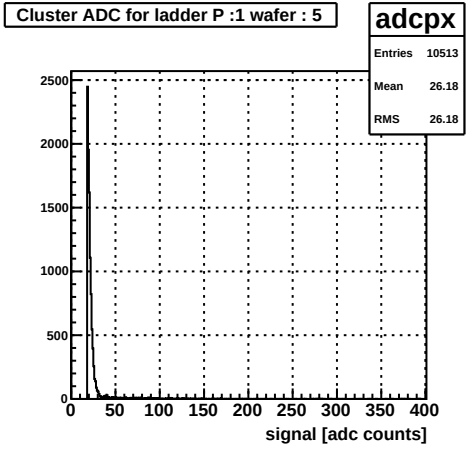

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

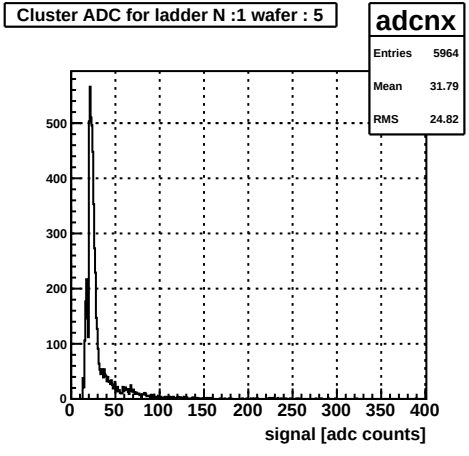

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2019
Mean 69.74
RMS 71.39
signal [adc counts]

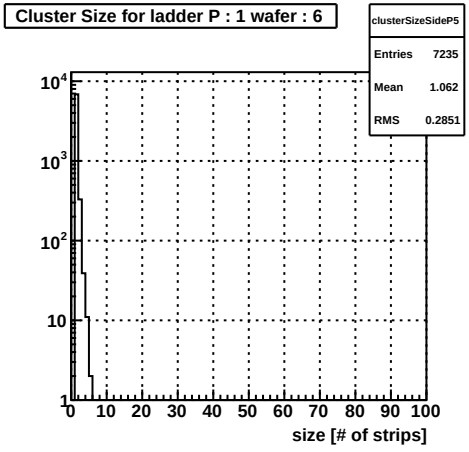

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10513
Mean 1.05
RMS 0.2647
size [# of strips]

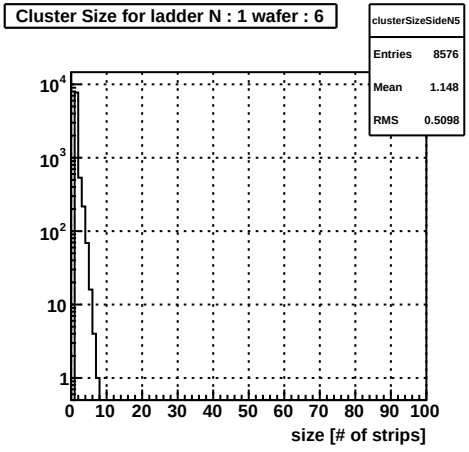

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5964
Mean 1.235
RMS 0.5916
size [# of strips]

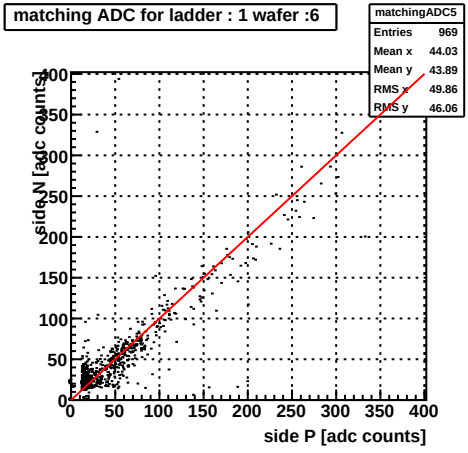

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 661
Mean x 64.68
Mean y 56.39
RMS x 59.85
RMS y 48.78
side N [adc counts]
side P [adc counts]

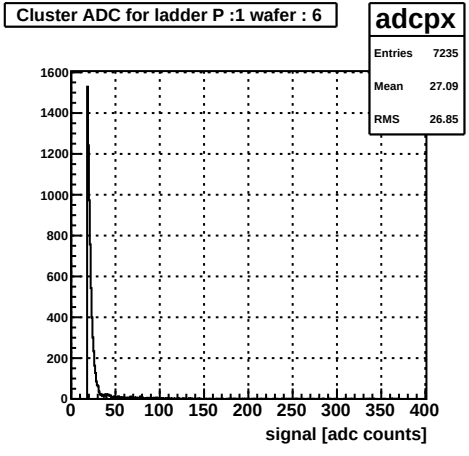

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10513
Mean 26.18
RMS 26.18
signal [adc counts]

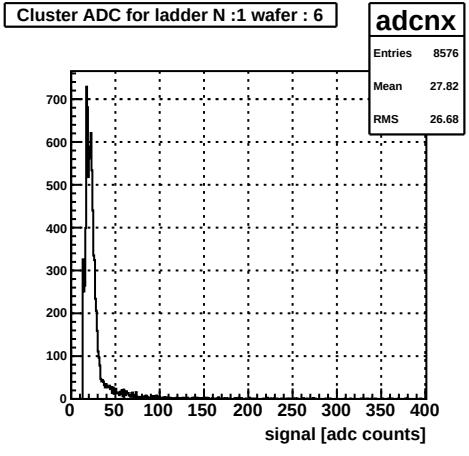

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5964
Mean 31.79
RMS 24.82
signal [adc counts]

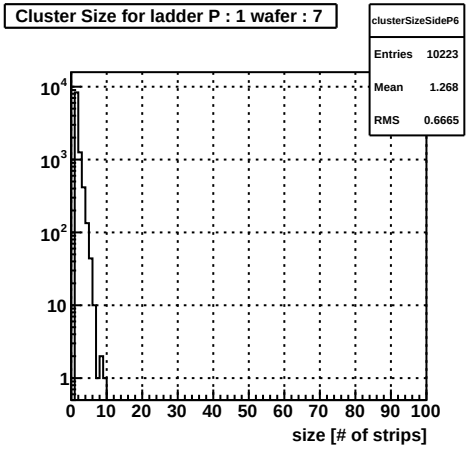

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7235
Mean 1.062
RMS 0.2851
size [# of strips]

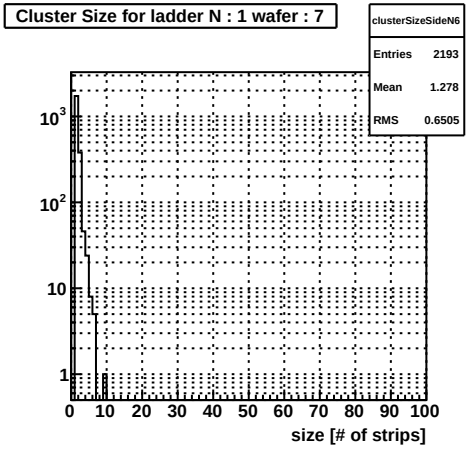

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 8576
Mean 1.148
RMS 0.5098
size [# of strips]

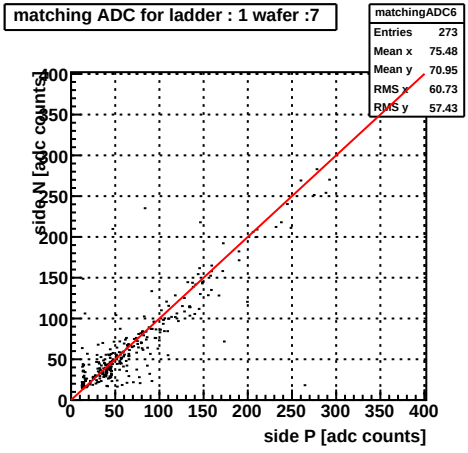

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 969
Mean x 44.03
Mean y 43.89
RMS x 49.86
RMS y 46.06
side N [adc counts]
side P [adc counts]

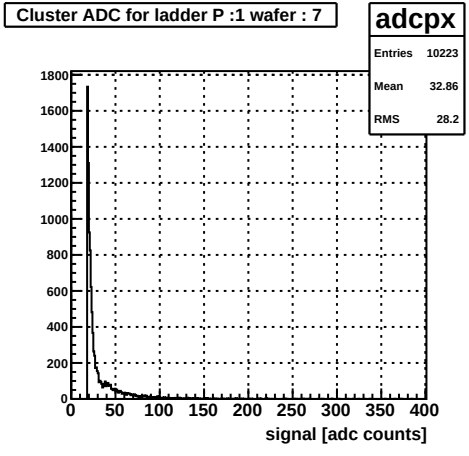

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7235
Mean 27.09
RMS 26.85
signal [adc counts]

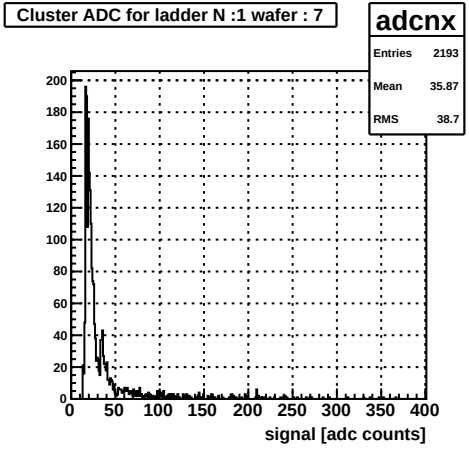

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 8576
Mean 27.82
RMS 26.68
signal [adc counts]

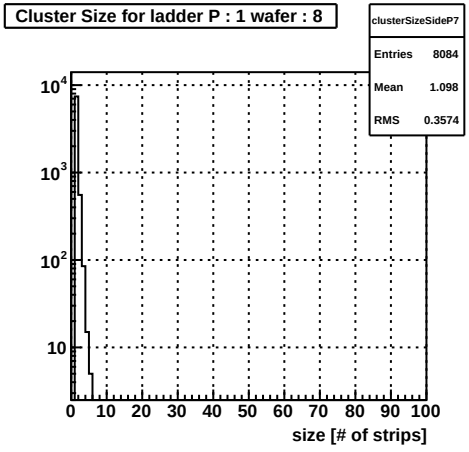

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10223
Mean 1.268
RMS 0.6665
size [# of strips]

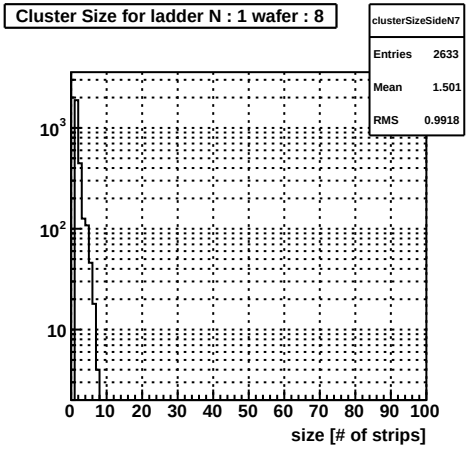

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2193
Mean 1.278
RMS 0.6505
size [# of strips]

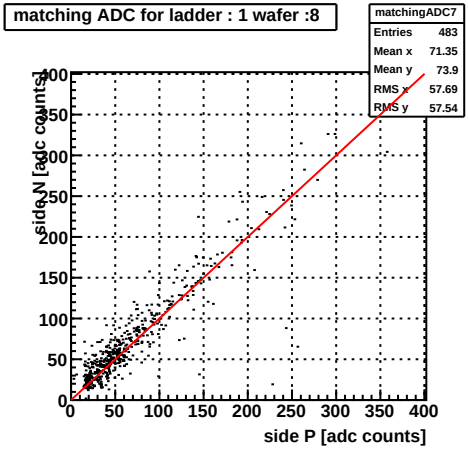

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 273
Mean x 75.48
Mean y 70.95
RMS x 60.73
RMS y 57.43
side N [adc counts]
side P [adc counts]

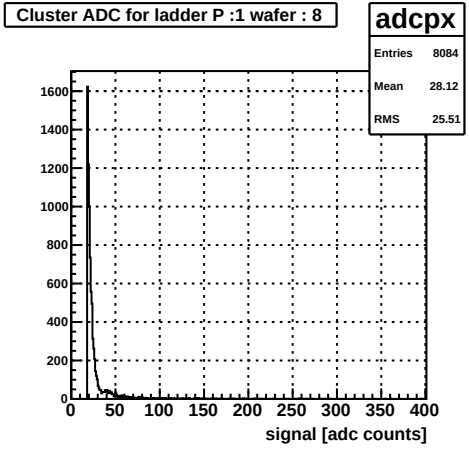

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10223
Mean 32.86
RMS 28.2
signal [adc counts]

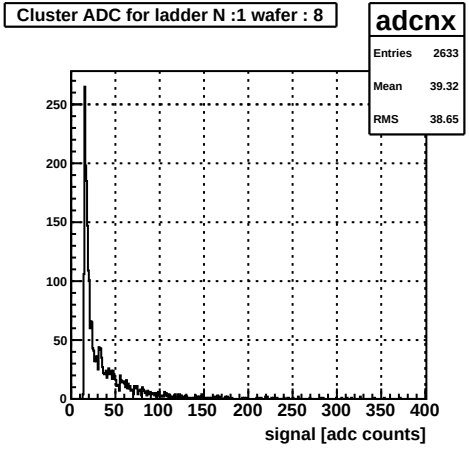

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2193
Mean 35.87
RMS 38.7
signal [adc counts]

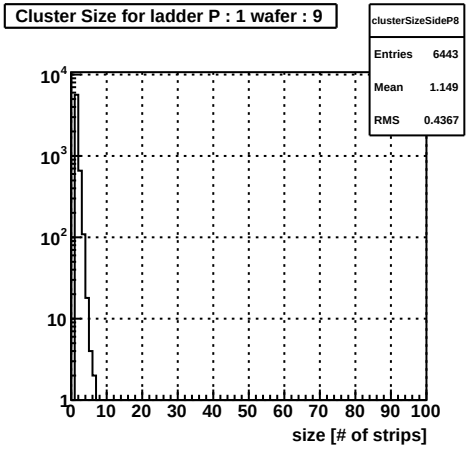

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8084
Mean 1.098
RMS 0.3574
size [# of strips]

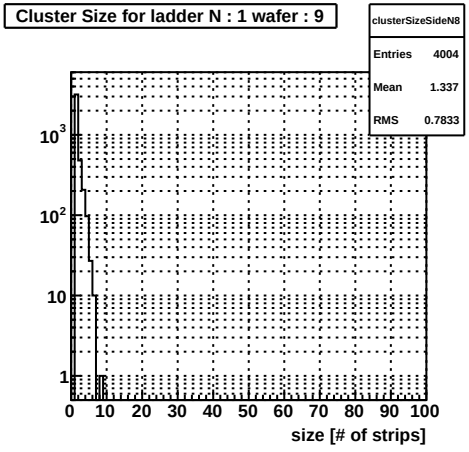

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2633
Mean 1.501
RMS 0.9918
size [# of strips]

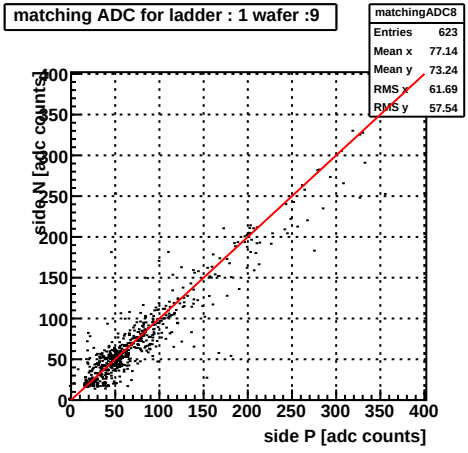

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 483
Mean x 71.35
Mean y 73.9
RMS x 57.69
RMS y 57.54
side N [adc counts]
side P [adc counts]

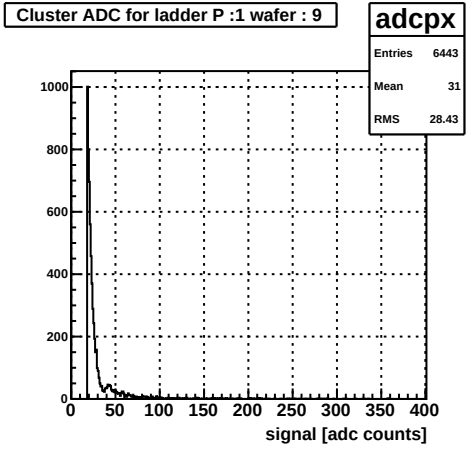

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8084
Mean 28.12
RMS 25.51
signal [adc counts]

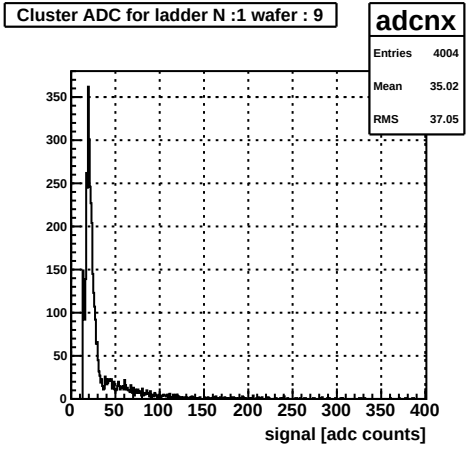

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2633
Mean 39.32
RMS 38.65
signal [adc counts]

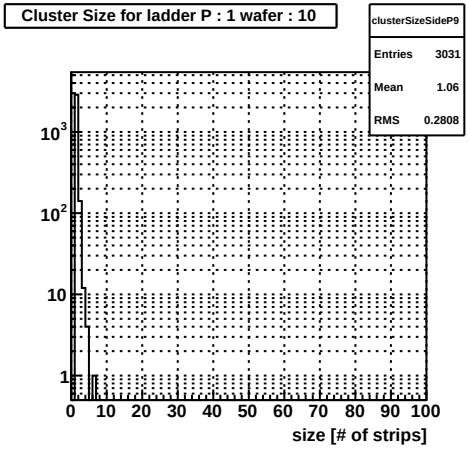

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6443
Mean 1.149
RMS 0.4367
size [# of strips]

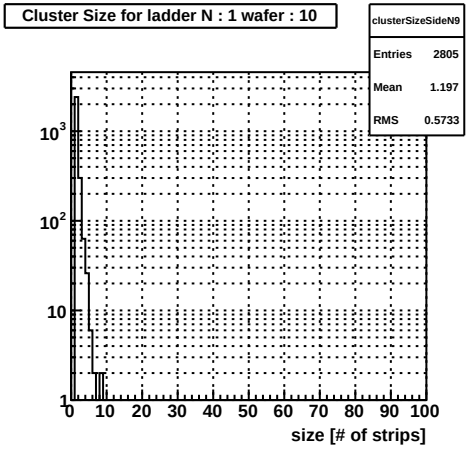

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4004
Mean 1.337
RMS 0.7833
size [# of strips]

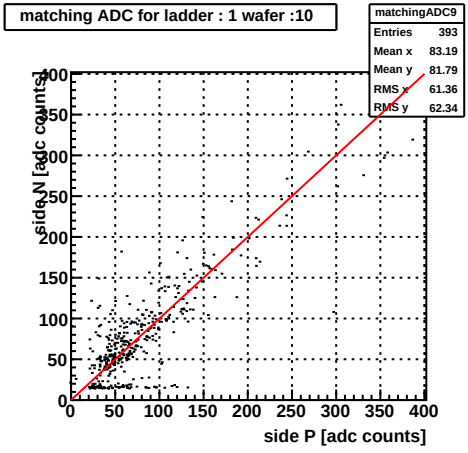

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 623
Mean x 77.14
Mean y 73.24
RMS x 61.69
RMS y 57.54
side N [adc counts]
side P [adc counts]

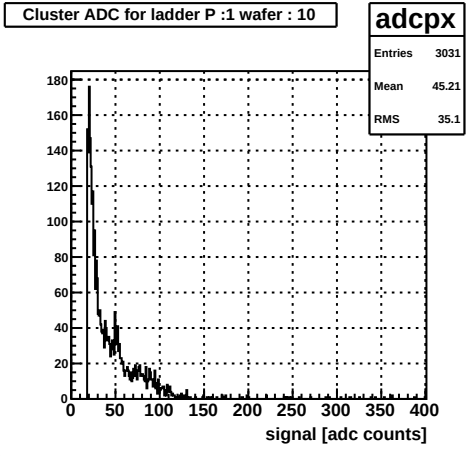

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6443
Mean 31
RMS 28.43
signal [adc counts]

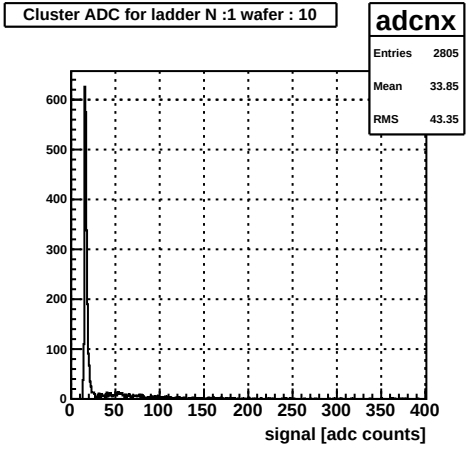

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4004
Mean 35.02
RMS 37.05
signal [adc counts]

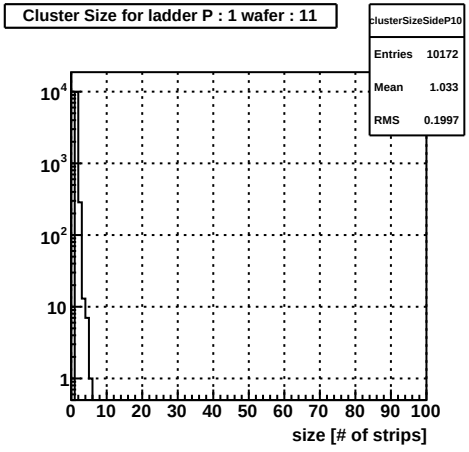

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3031
Mean 1.06
RMS 0.2808
size [# of strips]

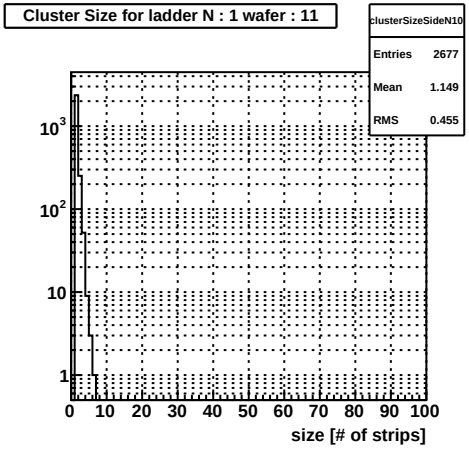

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2805
Mean 1.197
RMS 0.5733
size [# of strips]

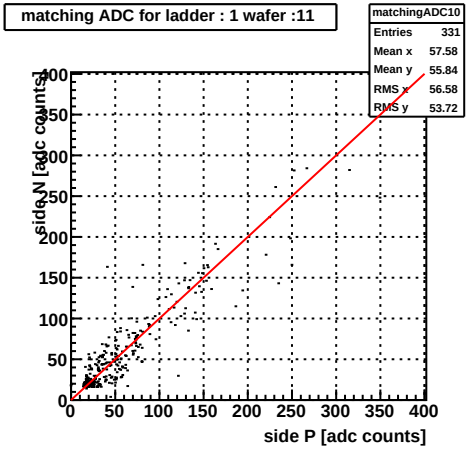

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 393
Mean x 83.19
Mean y 81.79
RMS x 61.36
RMS y 62.34
side N [adc counts]
side P [adc counts]

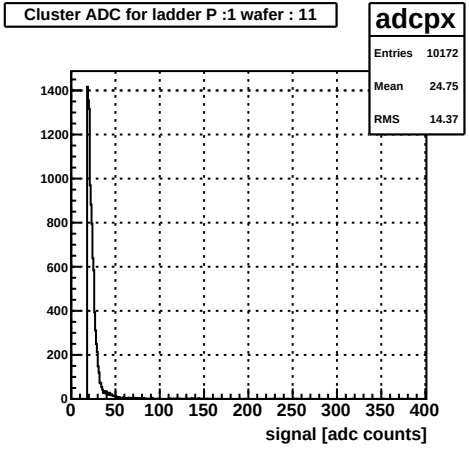

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3031
Mean 45.21
RMS 35.1
signal [adc counts]

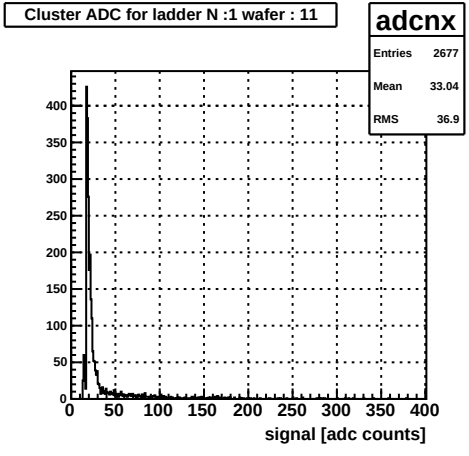

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2805
Mean 33.85
RMS 43.35
signal [adc counts]

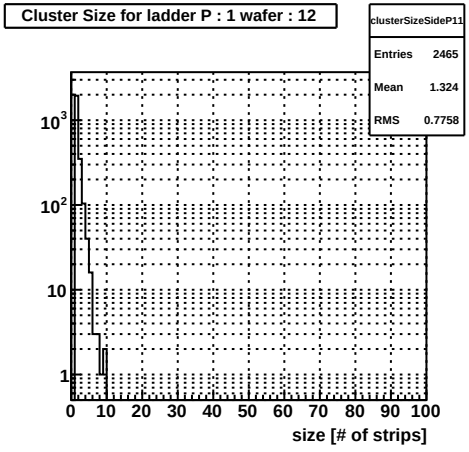

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10172
Mean 1.033
RMS 0.1997
size [# of strips]

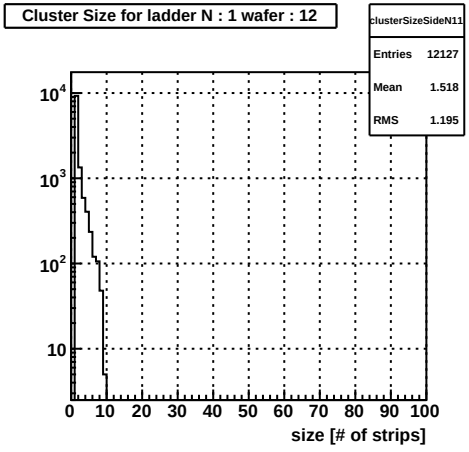

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2677
Mean 1.149
RMS 0.455
size [# of strips]

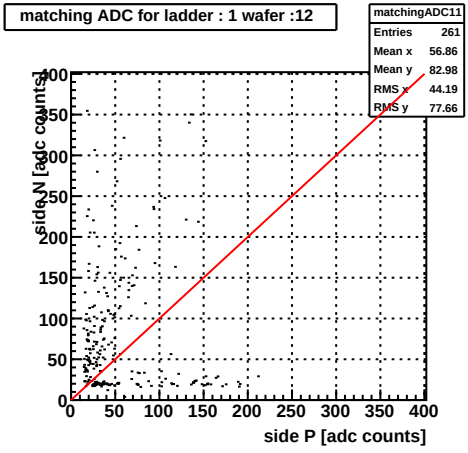

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 331
Mean x 57.58
Mean y 55.84
RMS x 56.58
RMS y 53.72
side N [adc counts]
side P [adc counts]

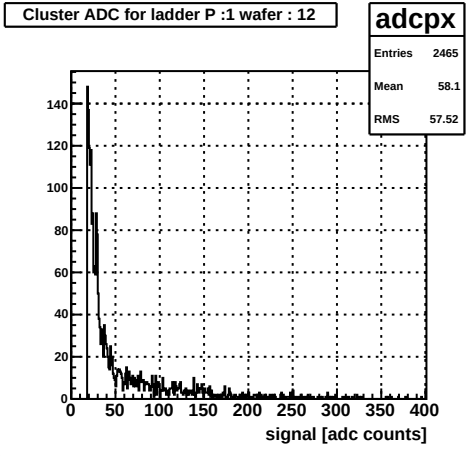

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10172
Mean 24.75
RMS 14.37
signal [adc counts]

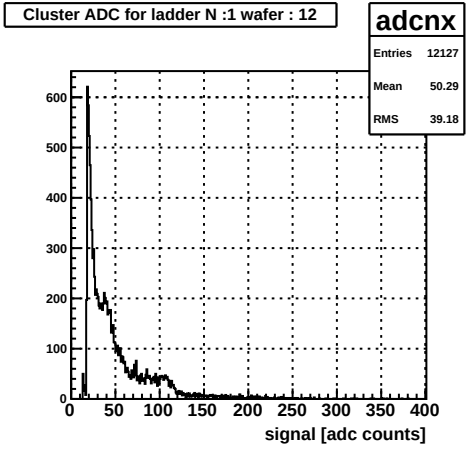

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2677
Mean 33.04
RMS 36.9
signal [adc counts]

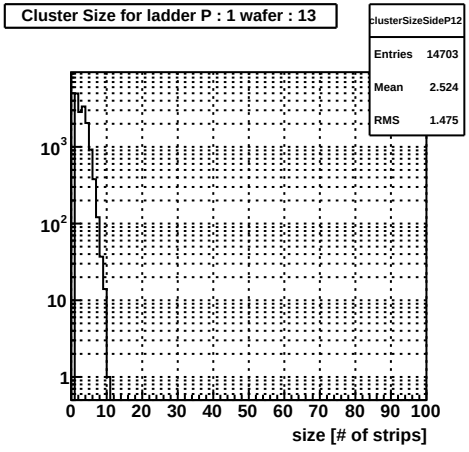

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2465
Mean 1.324
RMS 0.7758
size [# of strips]

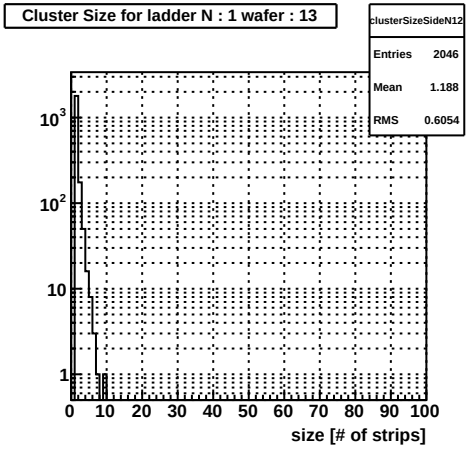

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 12127
Mean 1.518
RMS 1.195
size [# of strips]

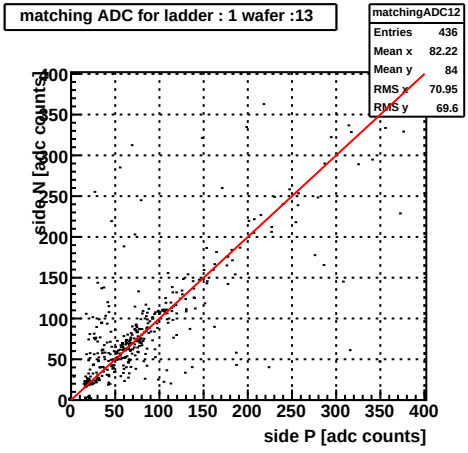

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 261
Mean x 56.86
Mean y 82.98
RMS x 44.19
RMS y 77.66
side N [adc counts]
side P [adc counts]

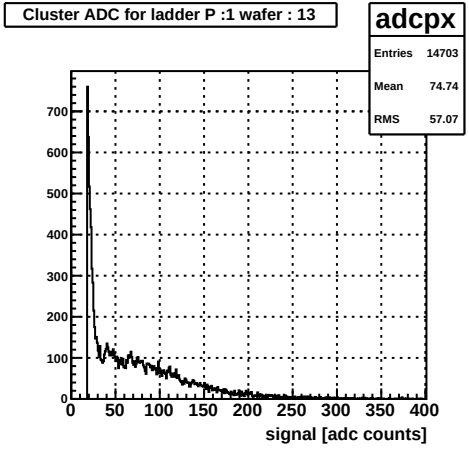

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2465
Mean 58.1
RMS 57.52
signal [adc counts]

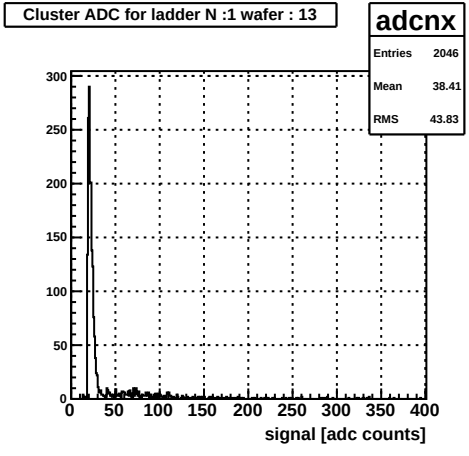

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 12127
Mean 50.29
RMS 39.18
signal [adc counts]

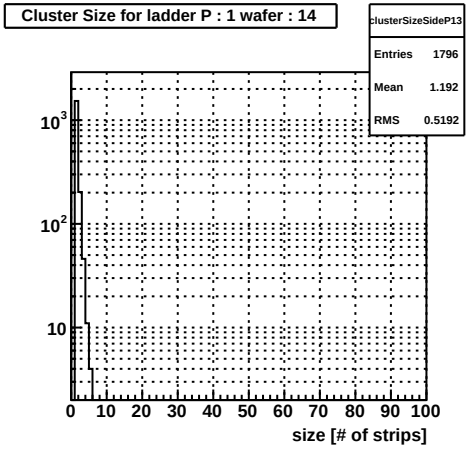

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 14703
Mean 2.524
RMS 1.475
size [# of strips]

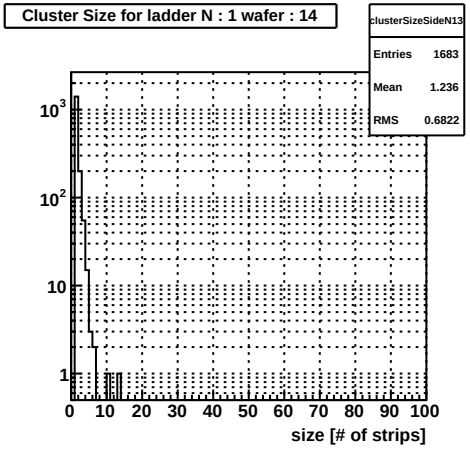

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2046
Mean 1.188
RMS 0.6054
size [# of strips]

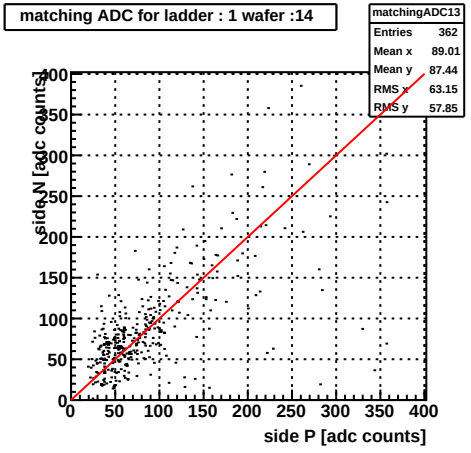

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 436
Mean x 82.22
Mean y 84
RMS x 70.95
RMS y 69.6
side N [adc counts]
side P [adc counts]

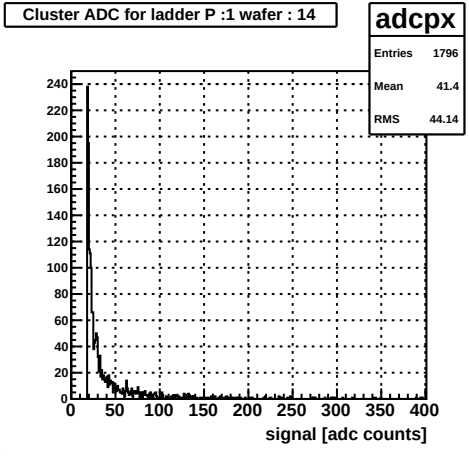

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 14703
Mean 74.74
RMS 57.07
signal [adc counts]

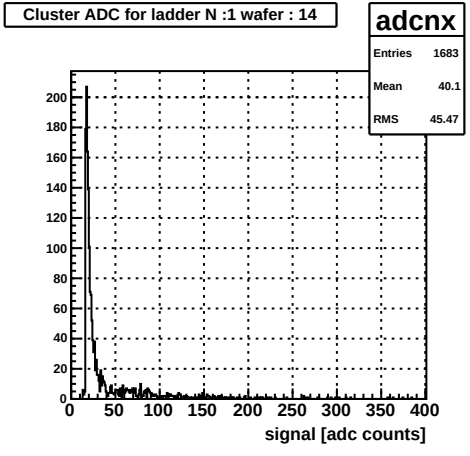

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2046
Mean 38.41
RMS 43.83
signal [adc counts]

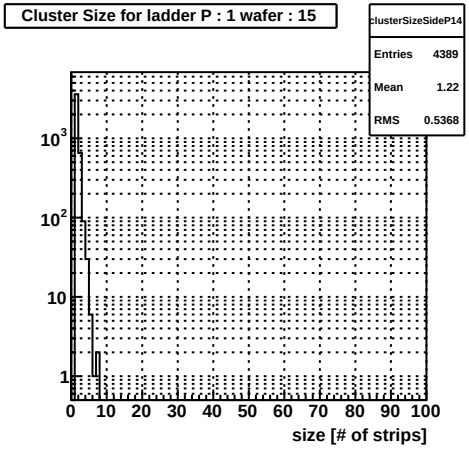

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1796
Mean 1.192
RMS 0.5192
size [# of strips]

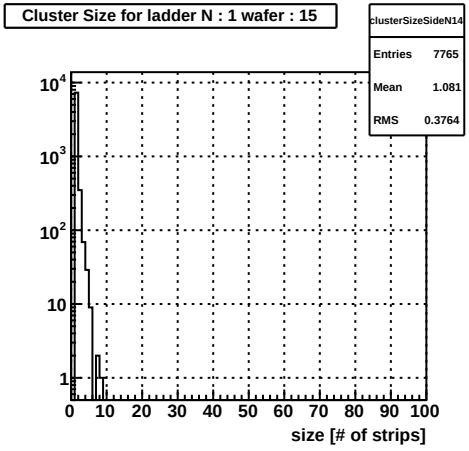

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1683
Mean 1.236
RMS 0.6822
size [# of strips]

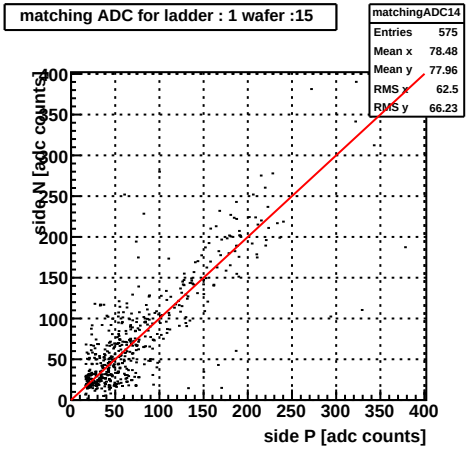

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 362
Mean x 89.01
Mean y 87.44
RMS x 63.15
RMS y 57.85
side N [adc counts]
side P [adc counts]

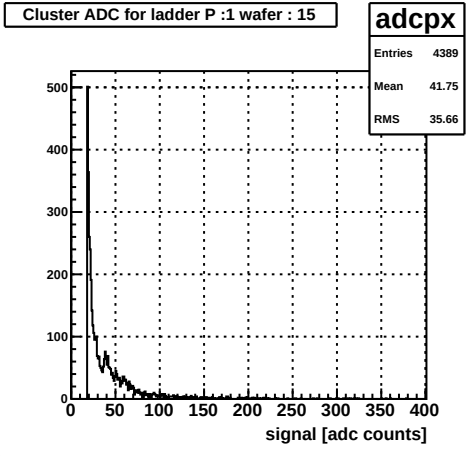

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1796
Mean 41.4
RMS 44.14
signal [adc counts]

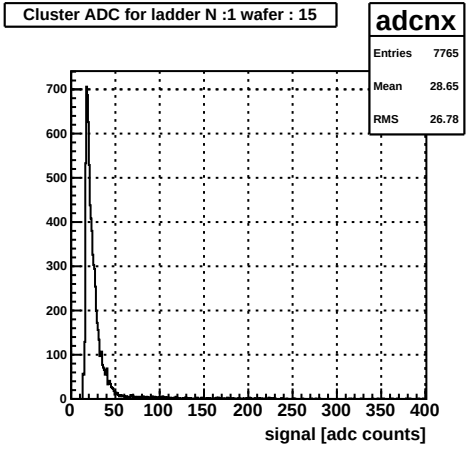

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1683
Mean 40.1
RMS 45.47
signal [adc counts]

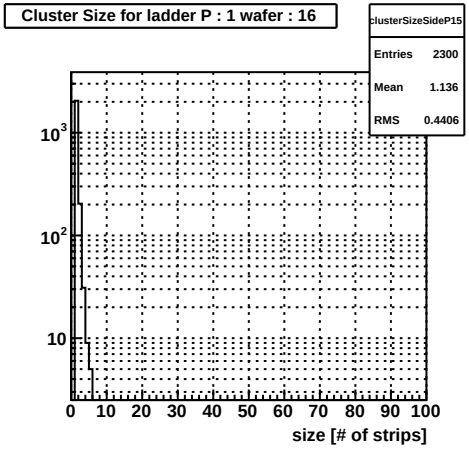

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4389
Mean 1.22
RMS 0.5368
size [# of strips]

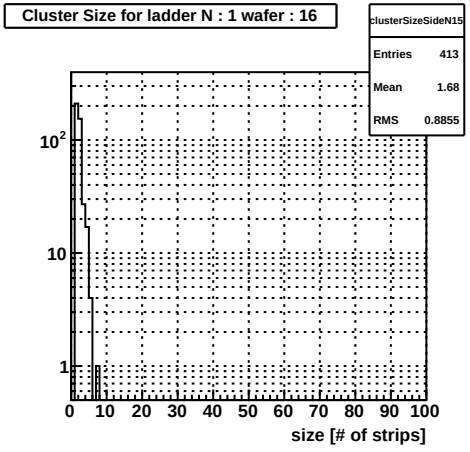

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7765
Mean 1.081
RMS 0.3764
size [# of strips]

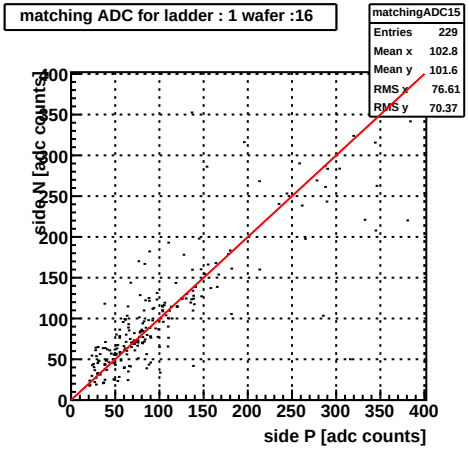

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 575
Mean x 78.48
Mean y 77.96
RMS x 62.5
RMS y 66.23
side N [adc counts]
side P [adc counts]

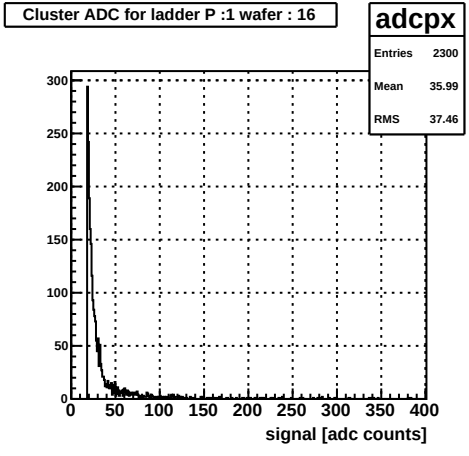

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4389
Mean 41.75
RMS 35.66
signal [adc counts]

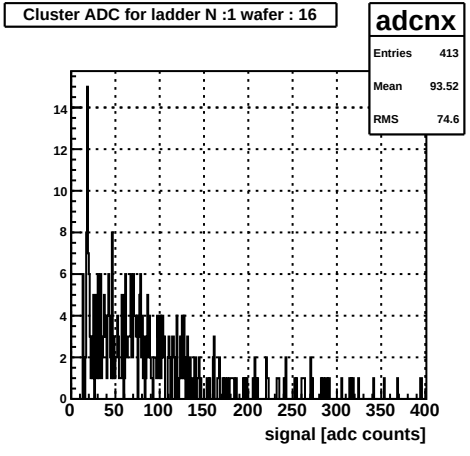

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7765
Mean 28.65
RMS 26.78
signal [adc counts]

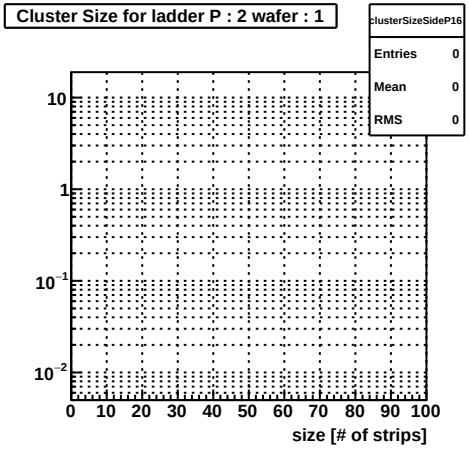

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2300
Mean 1.136
RMS 0.4406
size [# of strips]

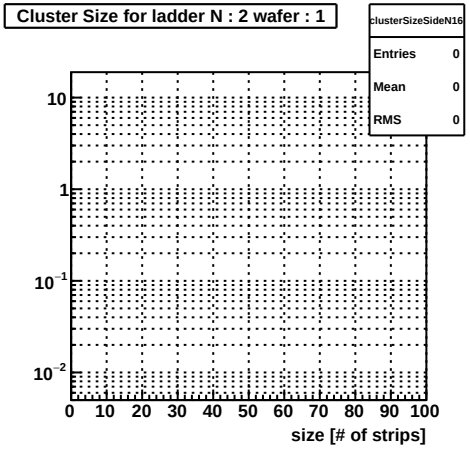

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 413
Mean 1.68
RMS 0.8855
size [# of strips]

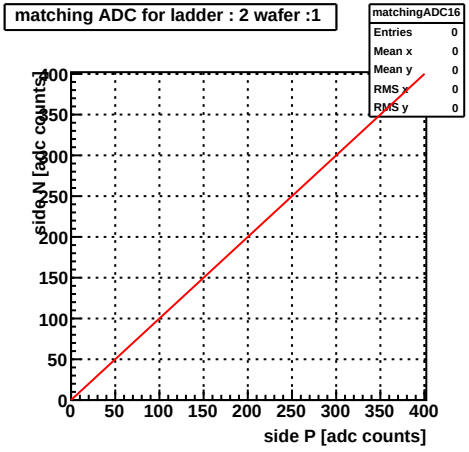

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 229
Mean x 102.8
Mean y 101.6
RMS x 76.61
RMS y 70.37
side N [adc counts]
side P [adc counts]

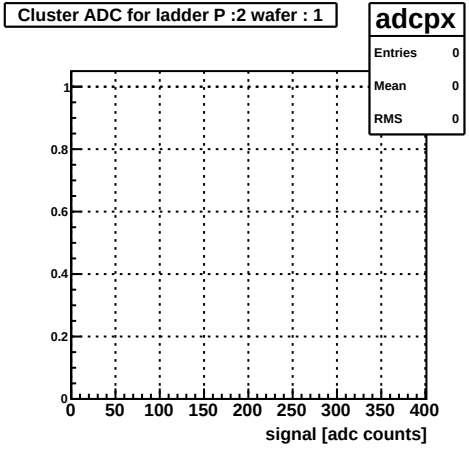

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2300
Mean 35.99
RMS 37.46
signal [adc counts]

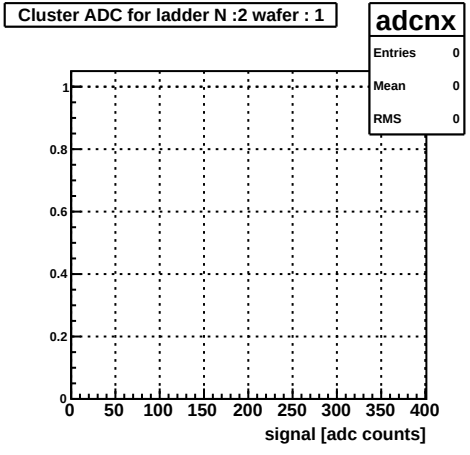

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 413
Mean 93.52
RMS 74.6
signal [adc counts]

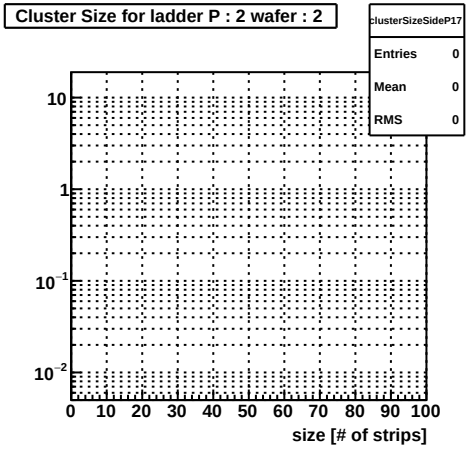

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

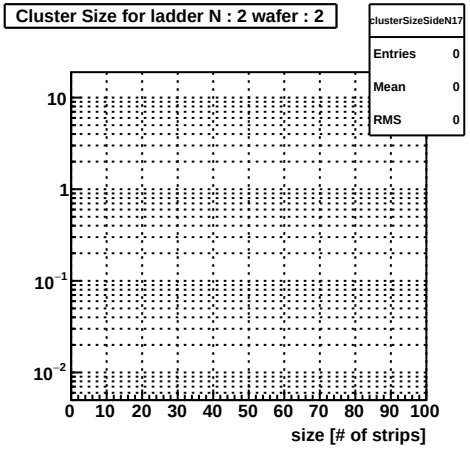

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

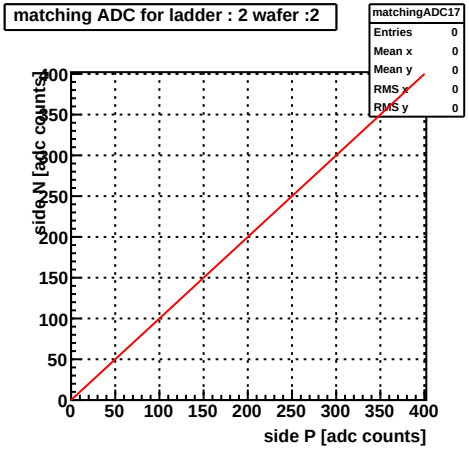

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

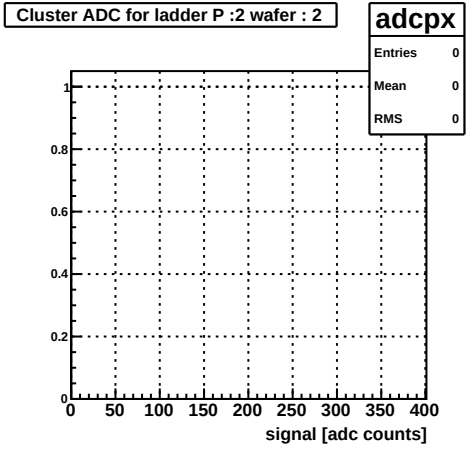

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

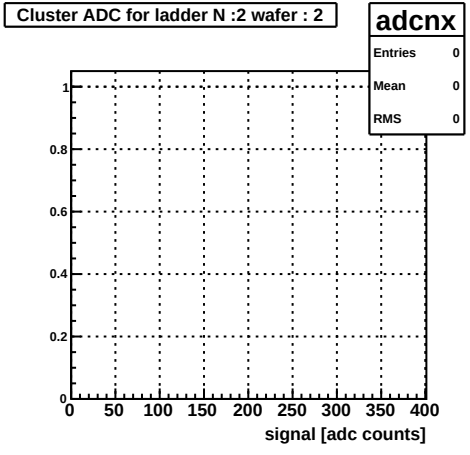

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

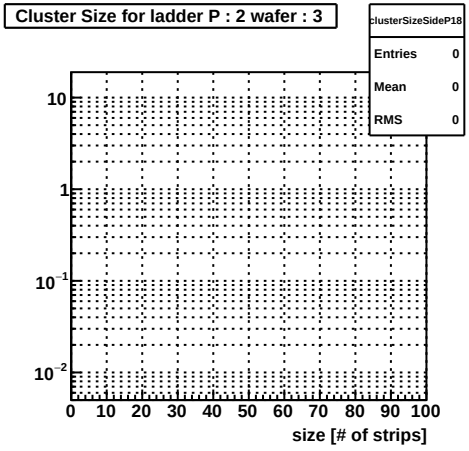

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

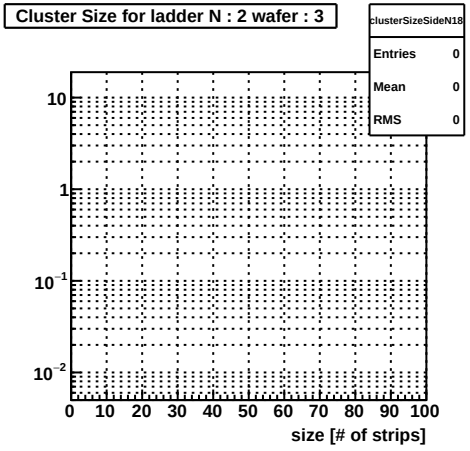

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

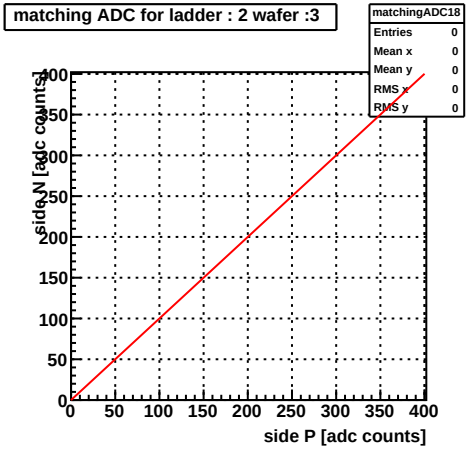

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

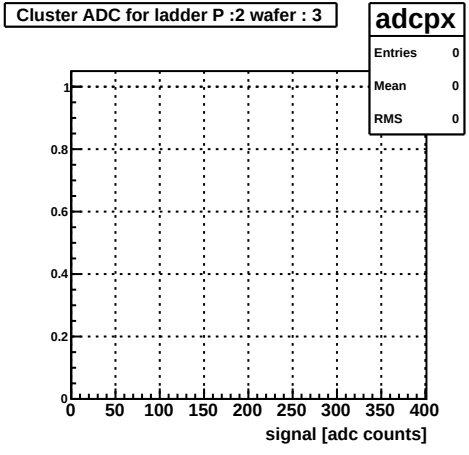

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

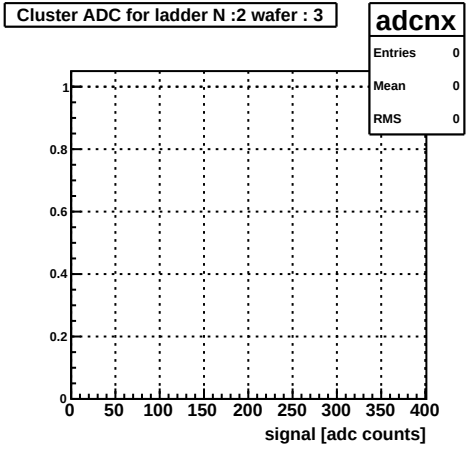

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

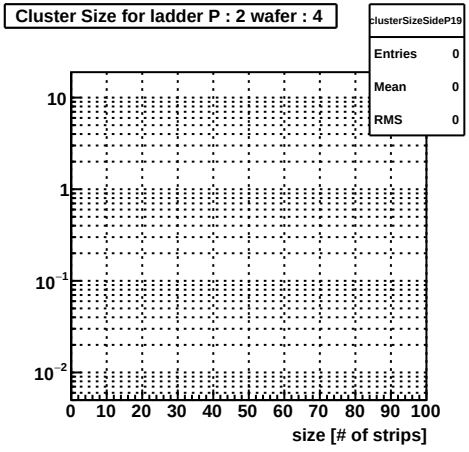

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

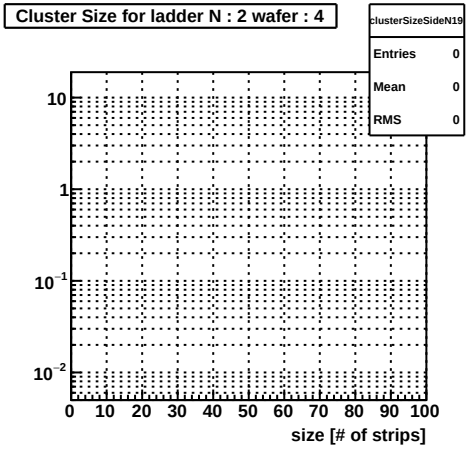

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

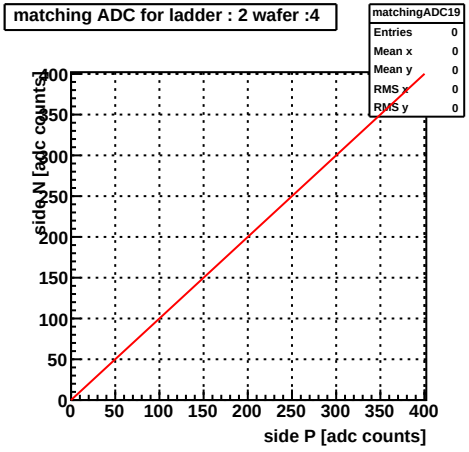

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

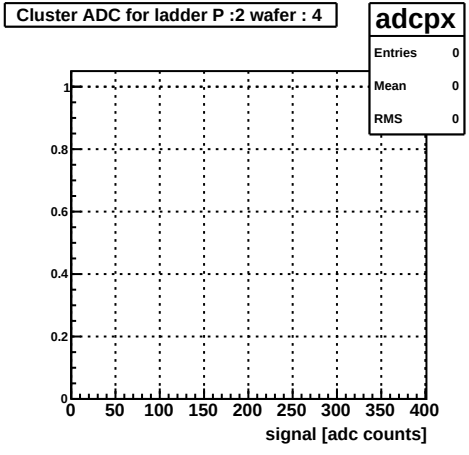

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

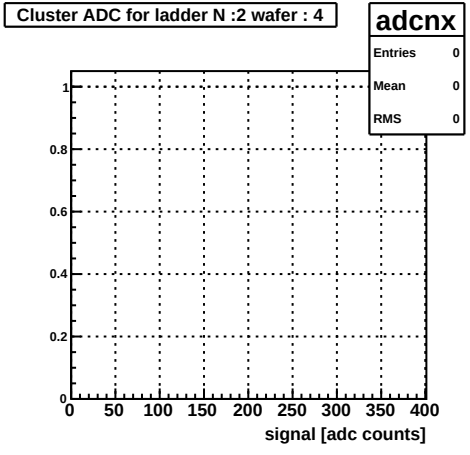

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

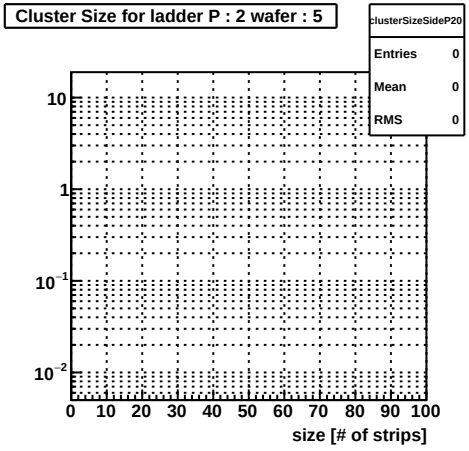

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

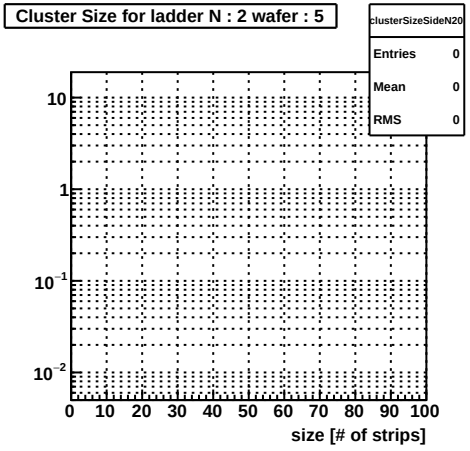

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

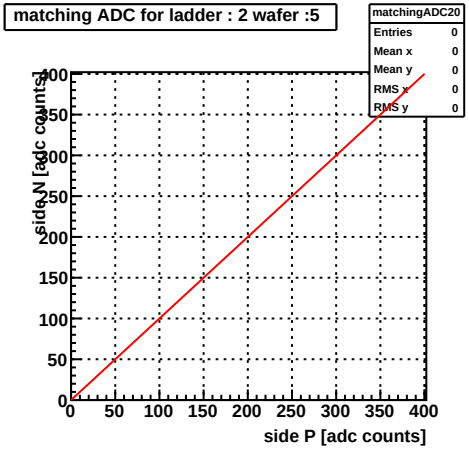

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

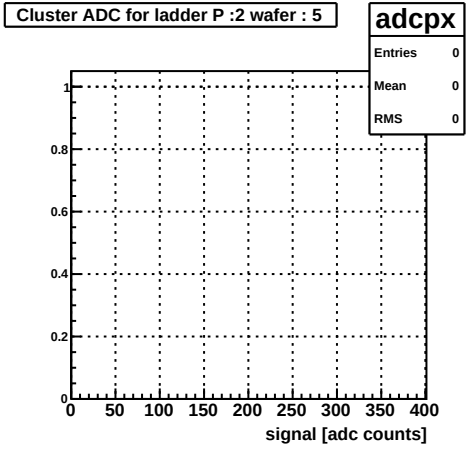

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

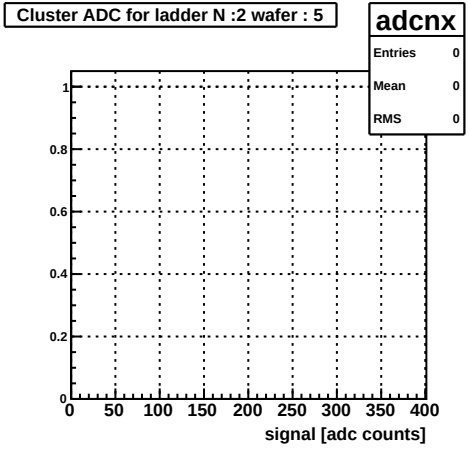

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

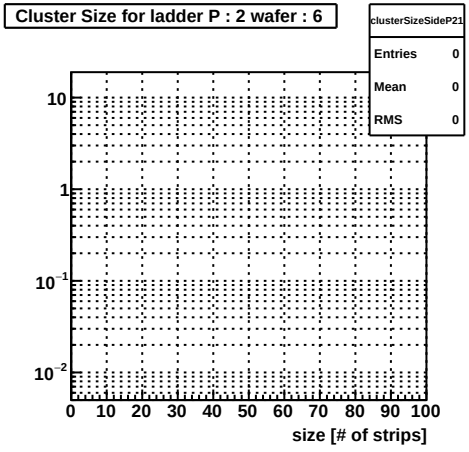

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

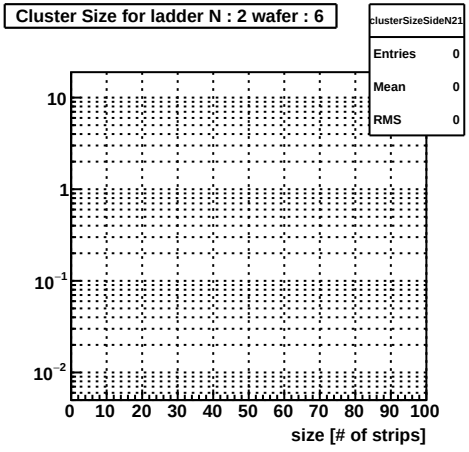

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

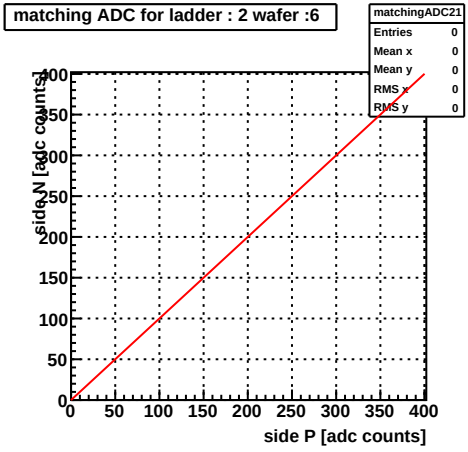

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

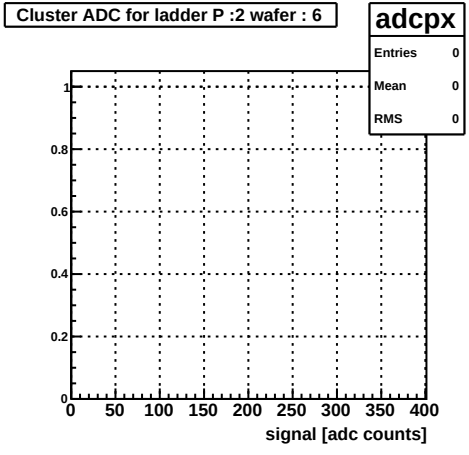

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

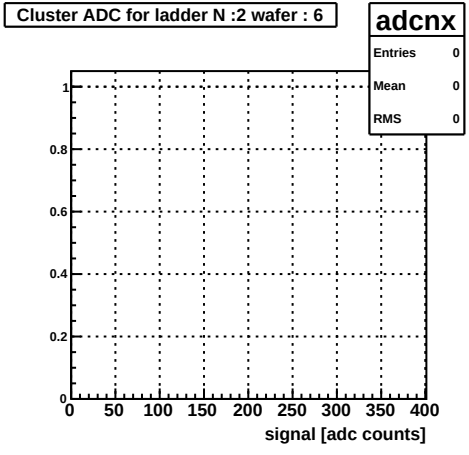

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

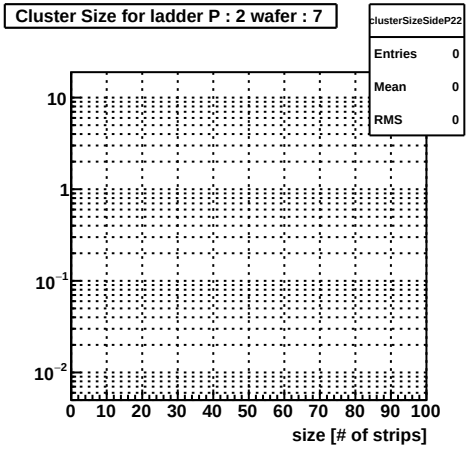

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

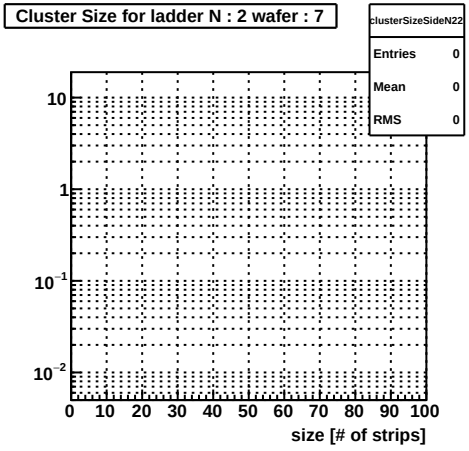

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

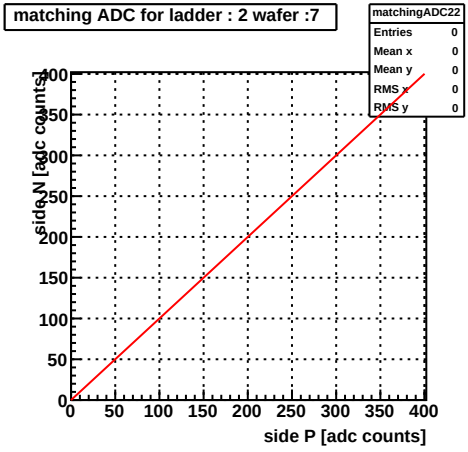

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

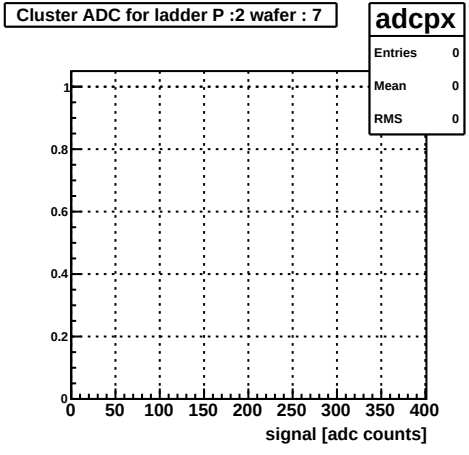

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

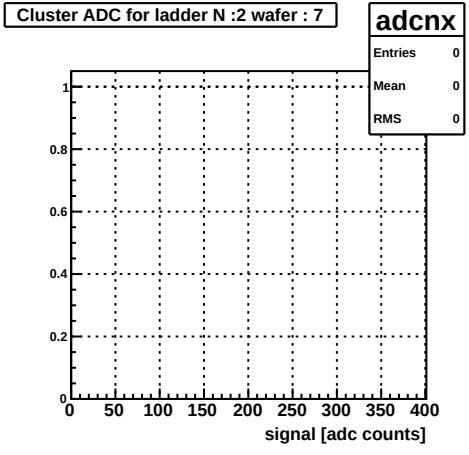

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

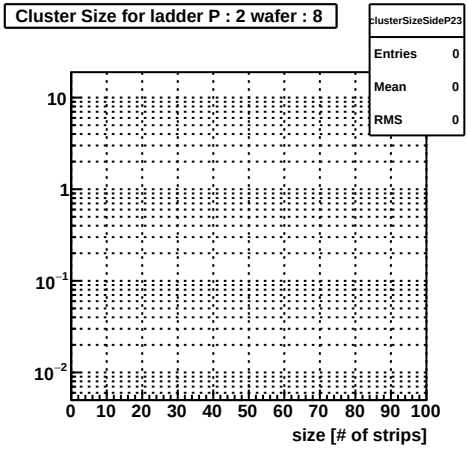

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

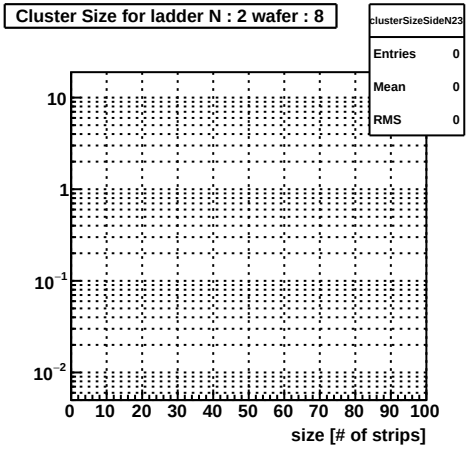

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

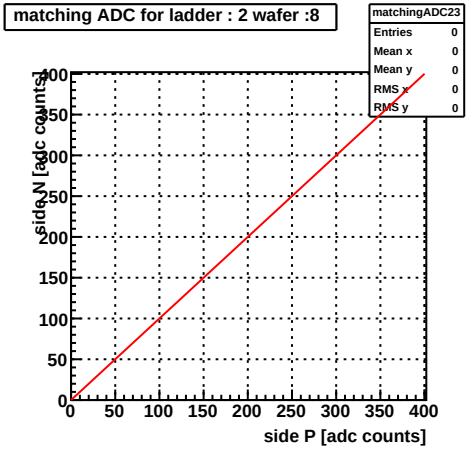

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

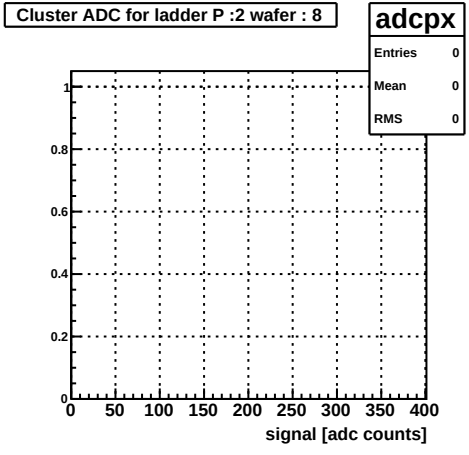

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

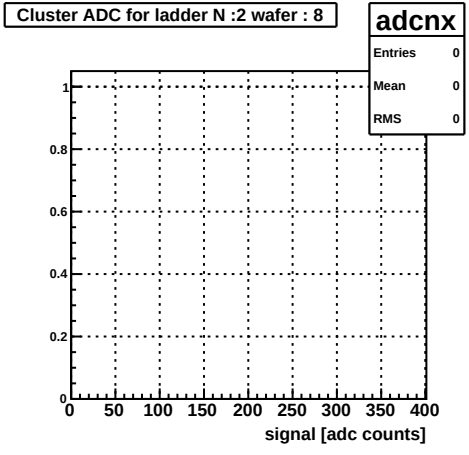

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

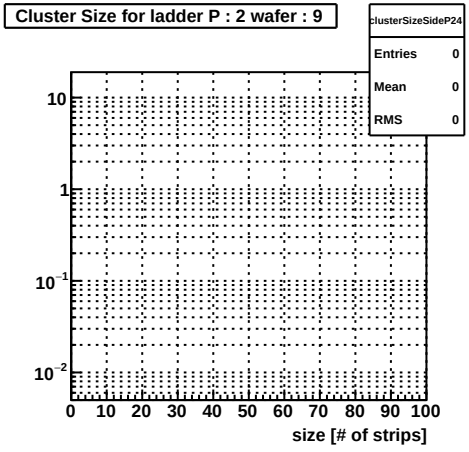

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

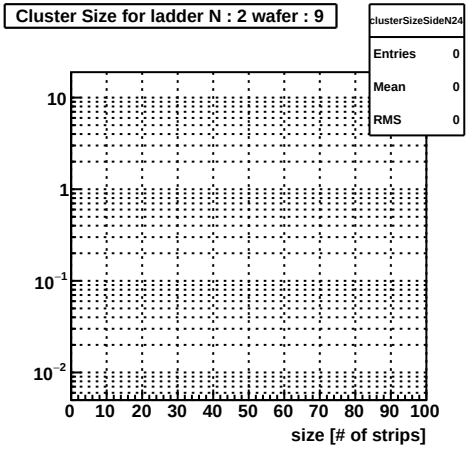

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

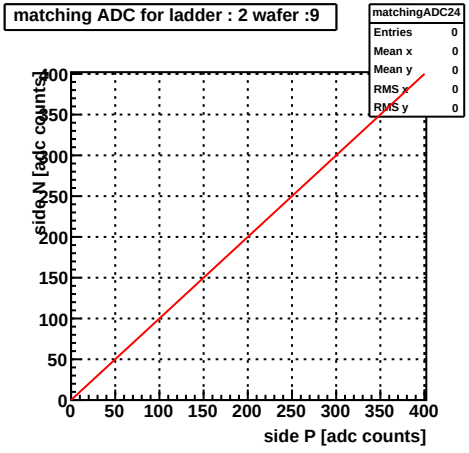

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

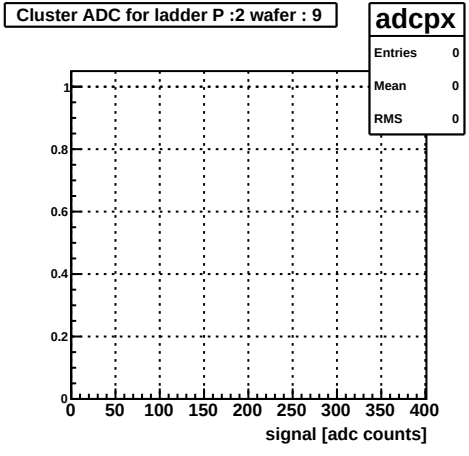

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

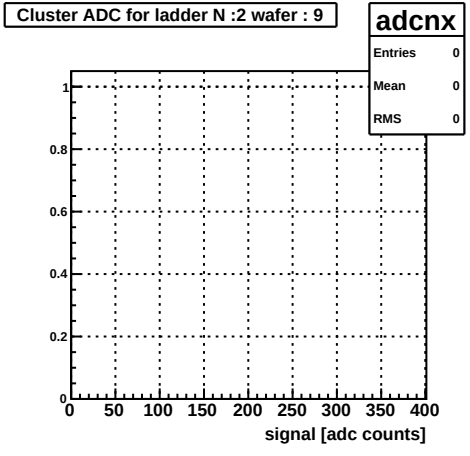

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

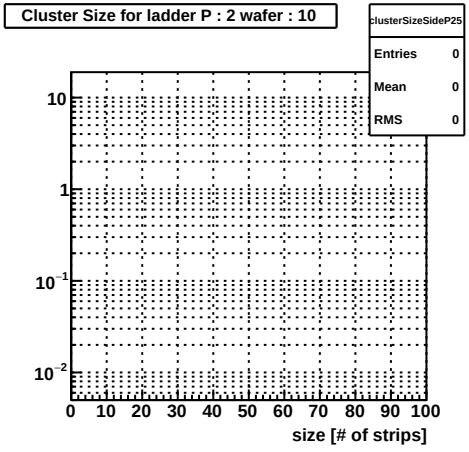

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

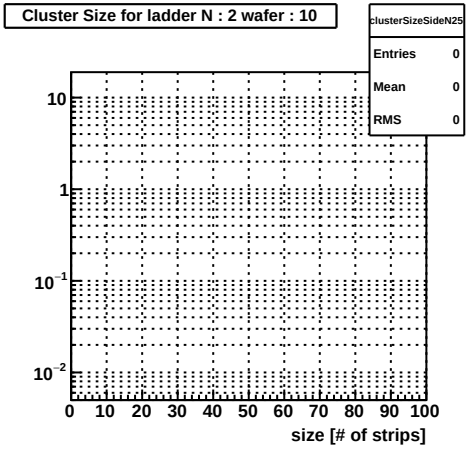

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

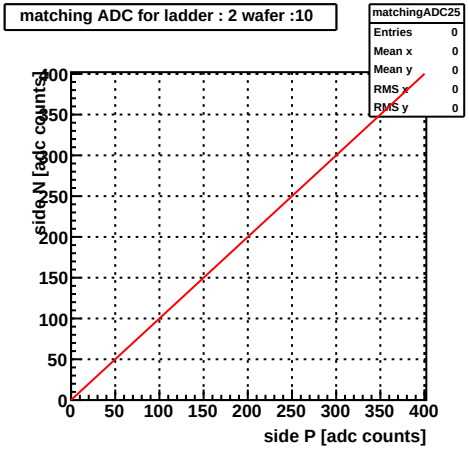

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

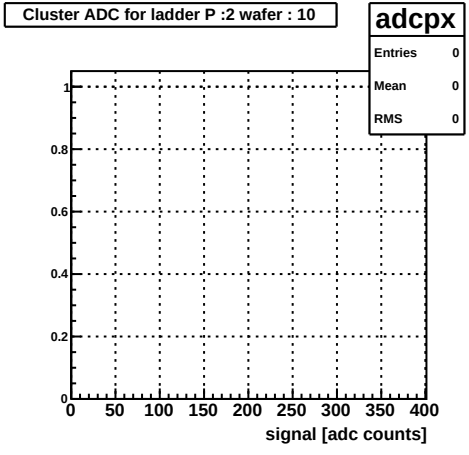

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

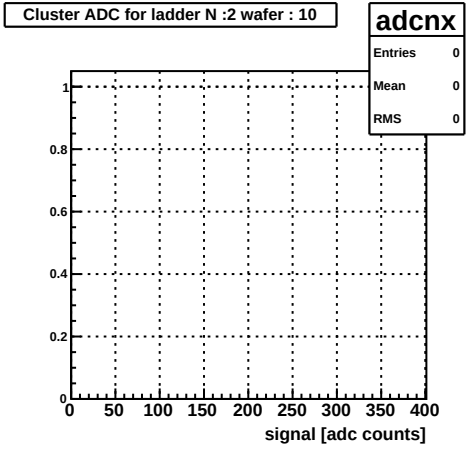

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

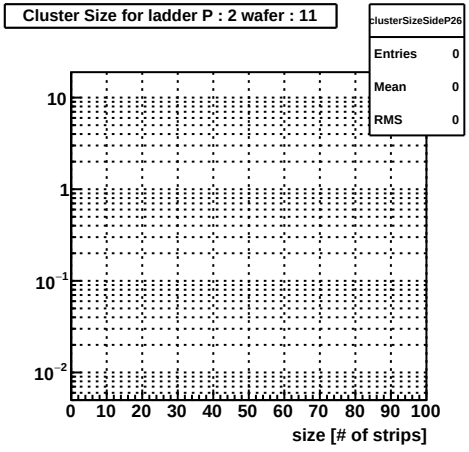

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

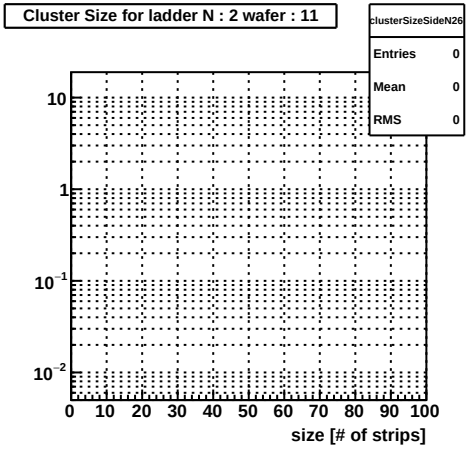

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

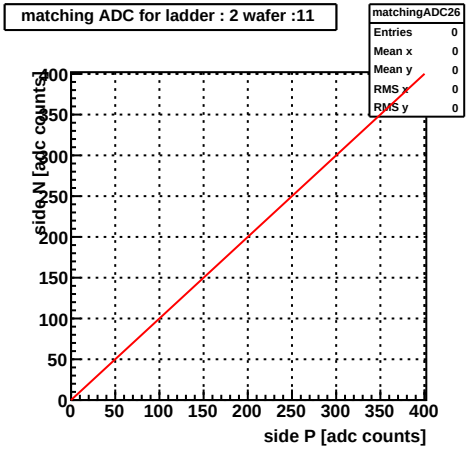

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

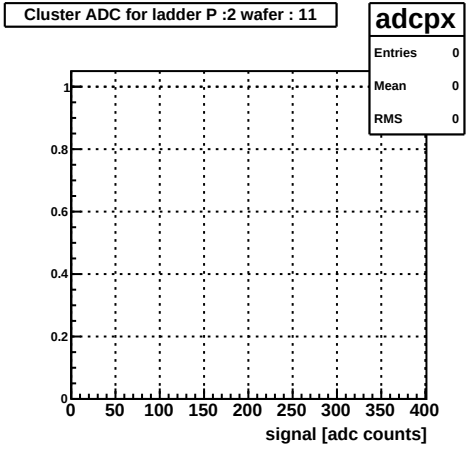

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

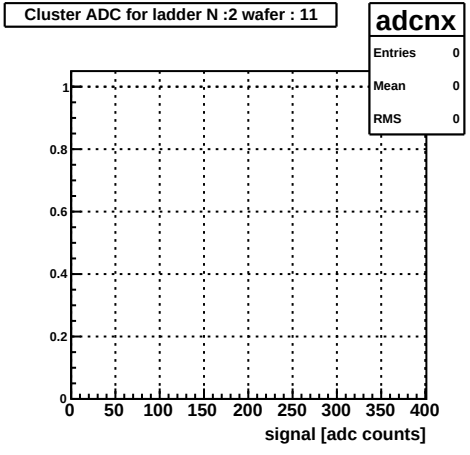

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

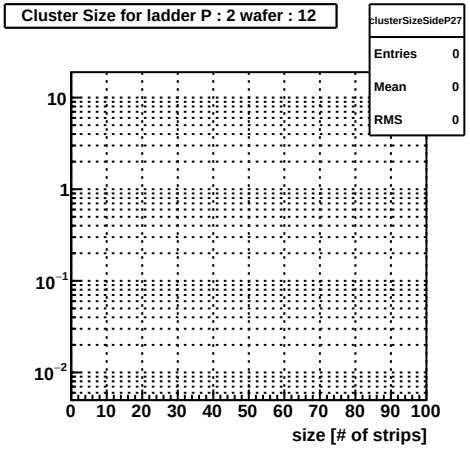

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

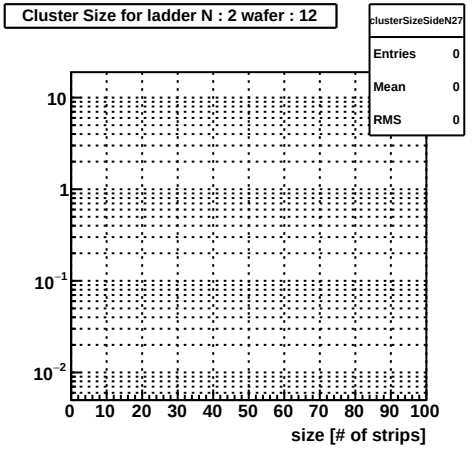

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

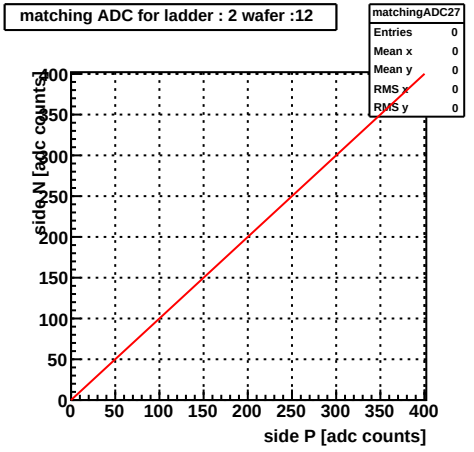

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

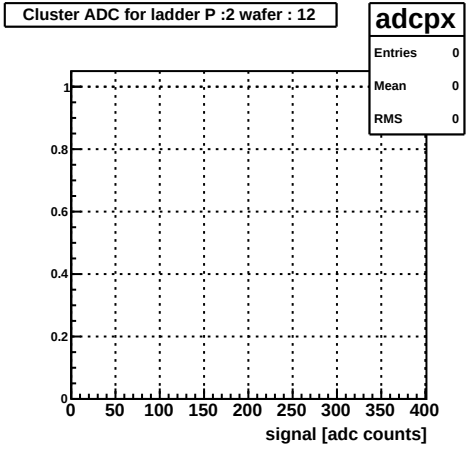

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

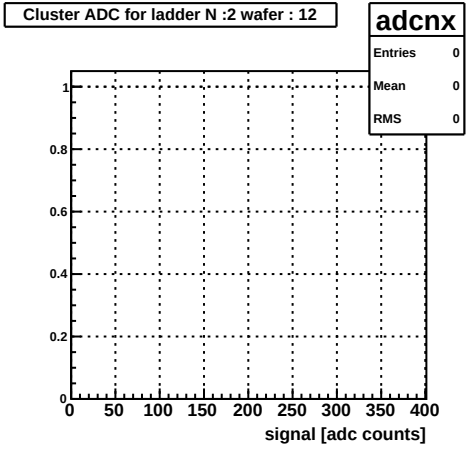

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

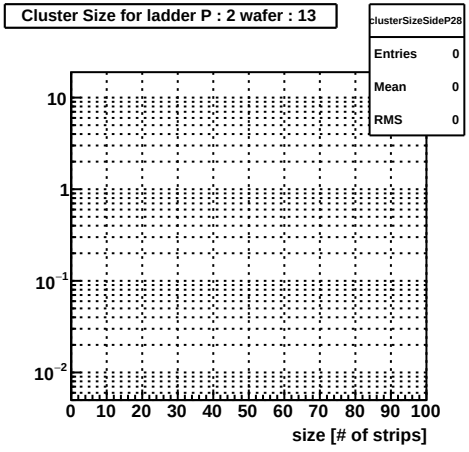

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

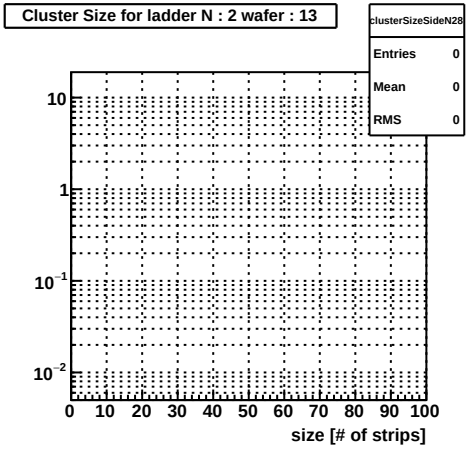

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

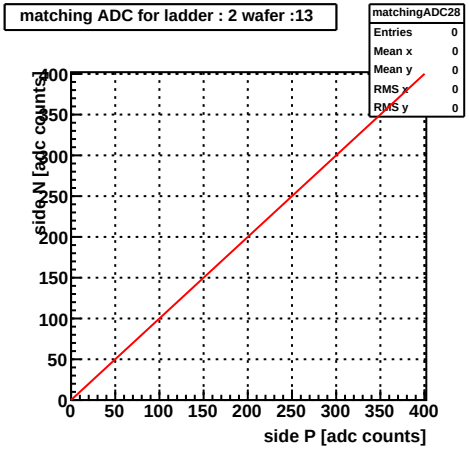

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

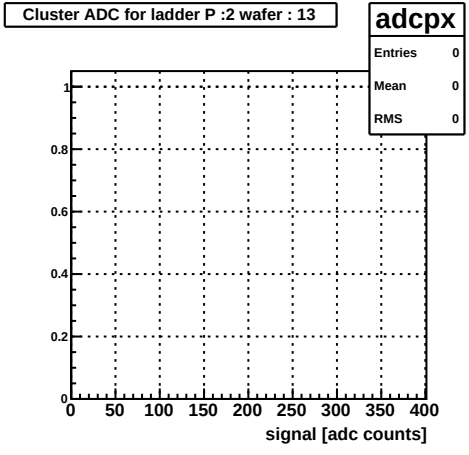

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

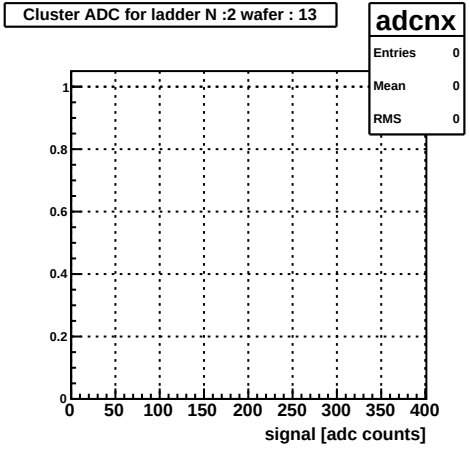

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

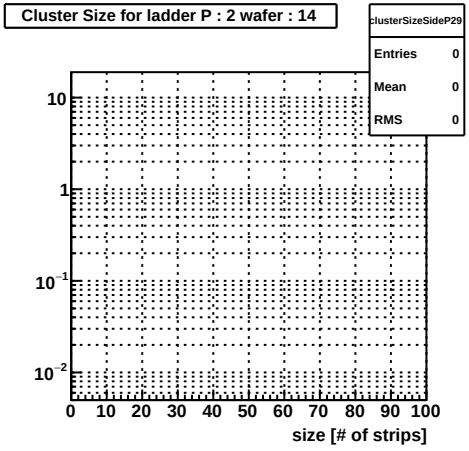

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

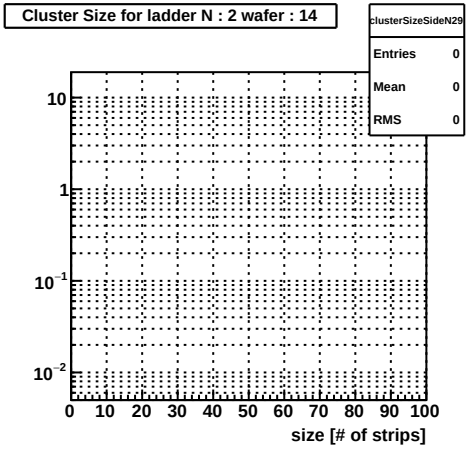

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

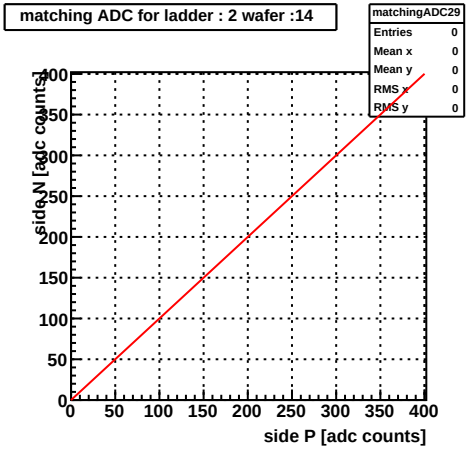

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

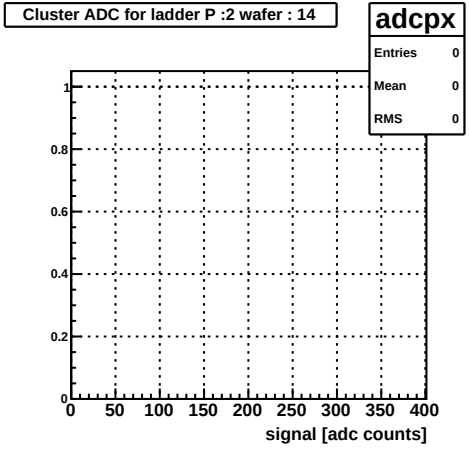

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

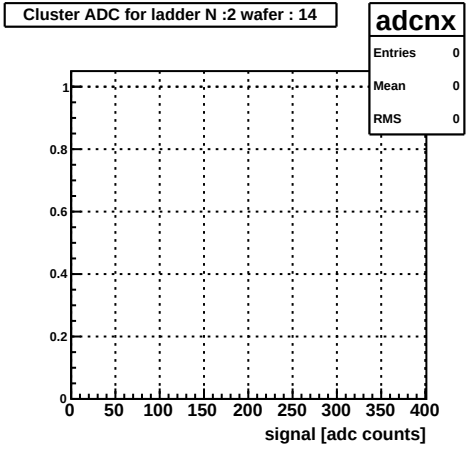

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

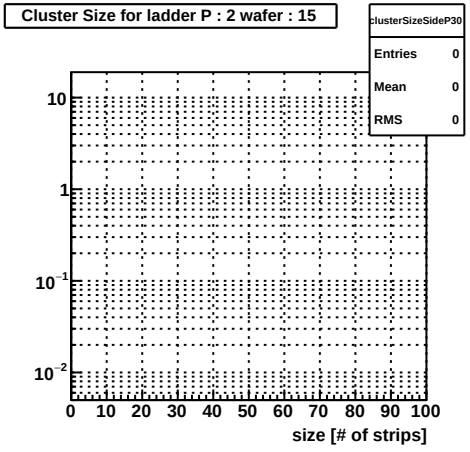

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

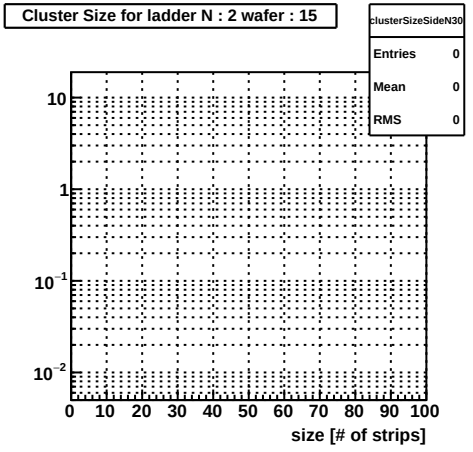

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

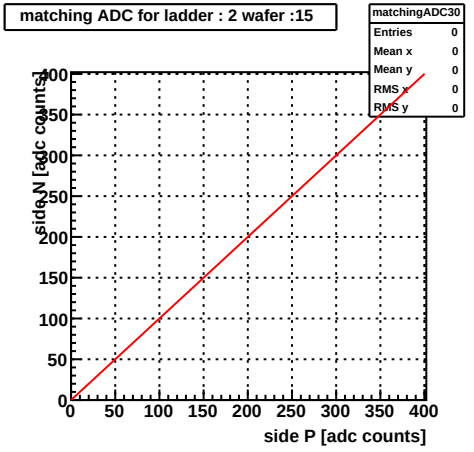

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

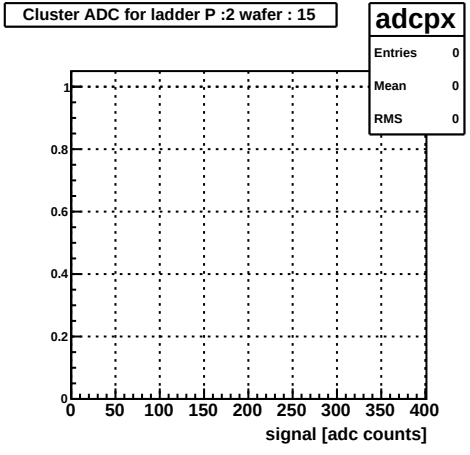

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

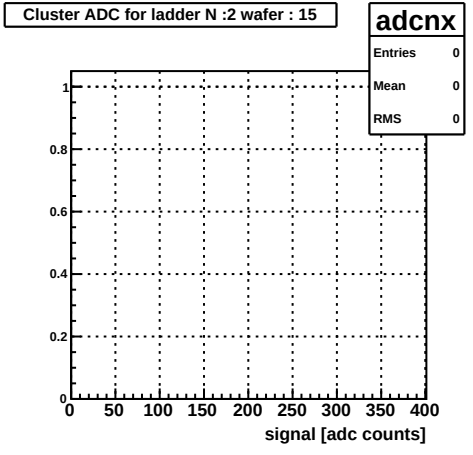

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

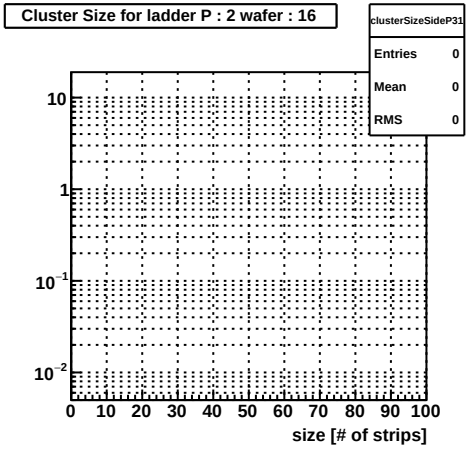

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

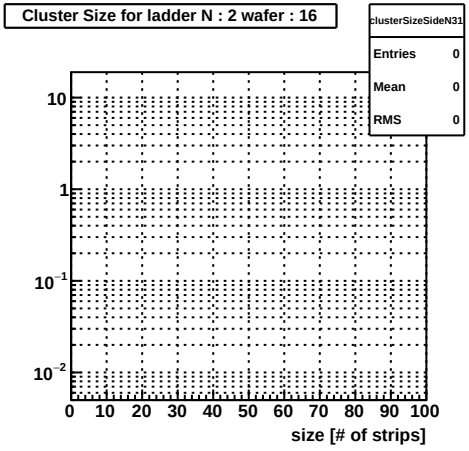

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

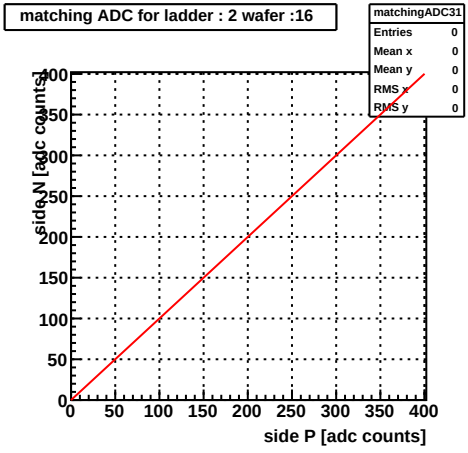

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

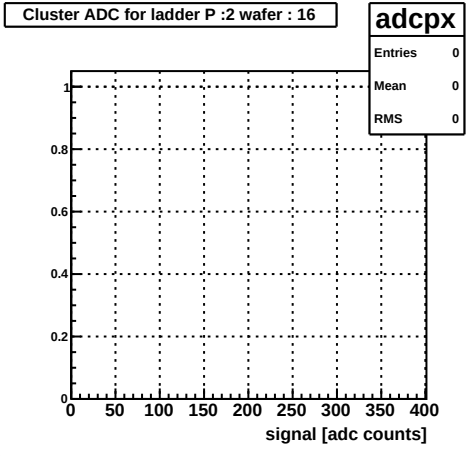

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

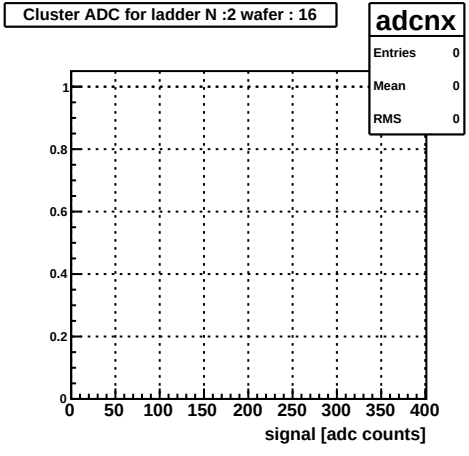

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

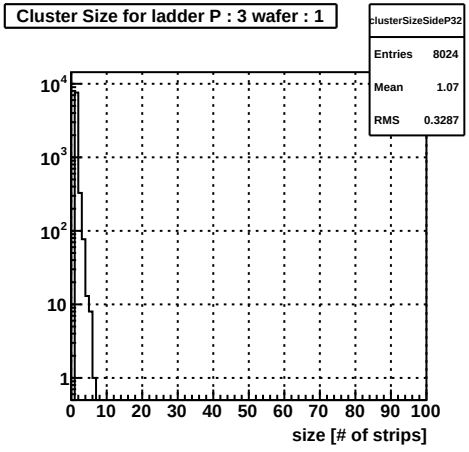

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

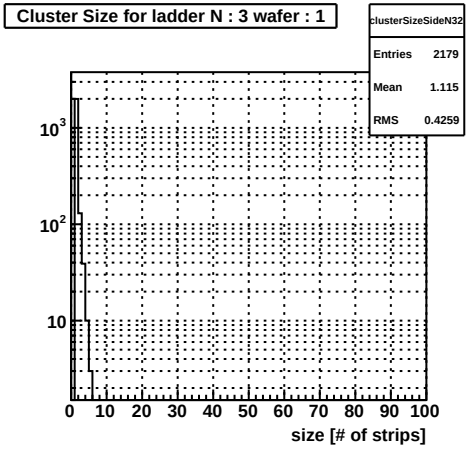

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

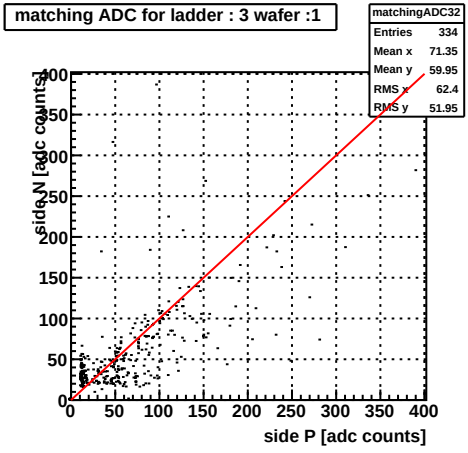

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

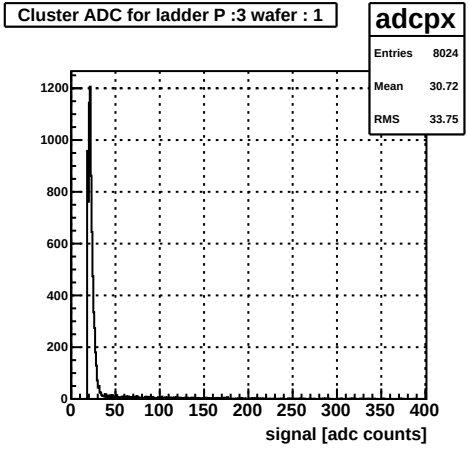

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

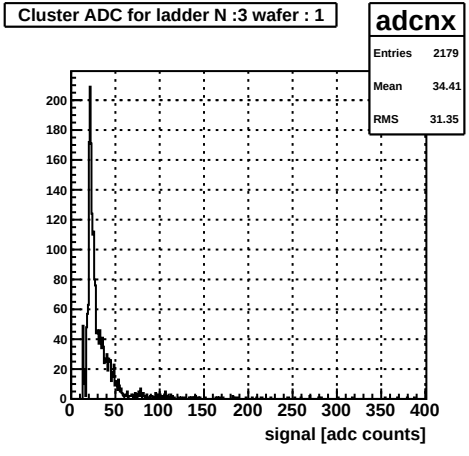

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

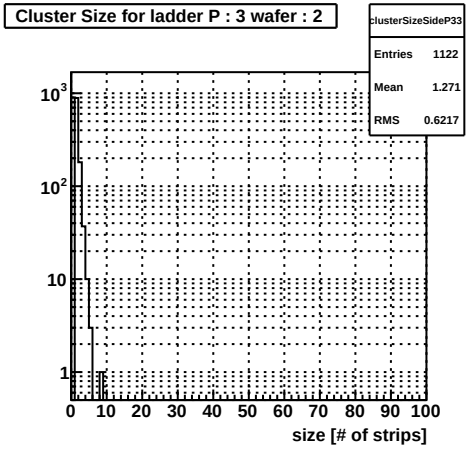

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 8024
Mean 1.07
RMS 0.3287
size [# of strips]

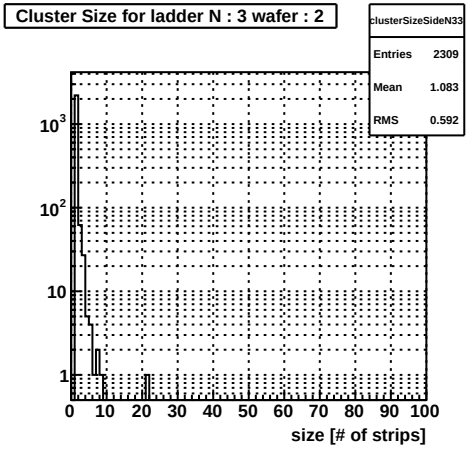

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2179
Mean 1.115
RMS 0.4259
size [# of strips]

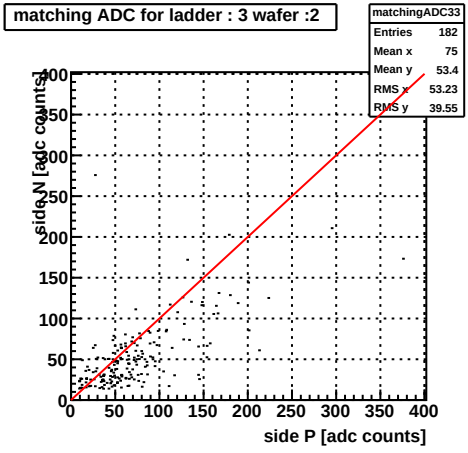

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 334
Mean x 71.35
Mean y 59.95
RMS x 62.4
RMS y 51.95
side N [adc counts]
side P [adc counts]

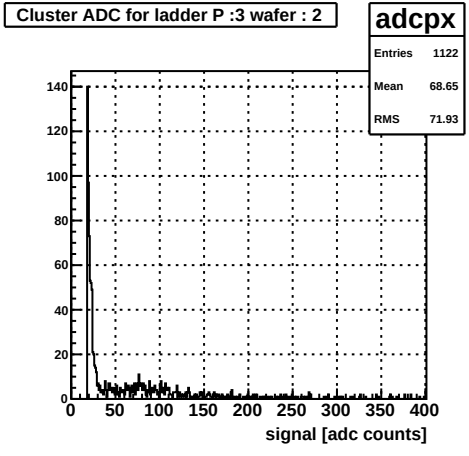

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 8024
Mean 30.72
RMS 33.75
signal [adc counts]

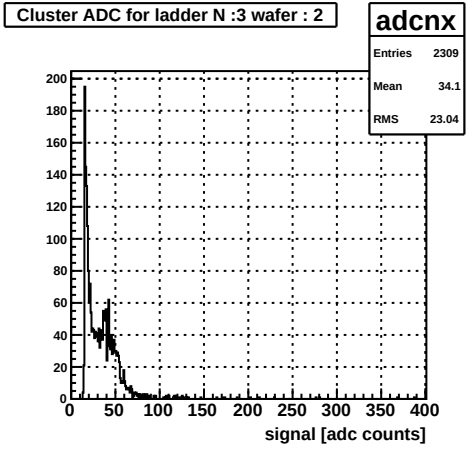

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2179
Mean 34.41
RMS 31.35
signal [adc counts]

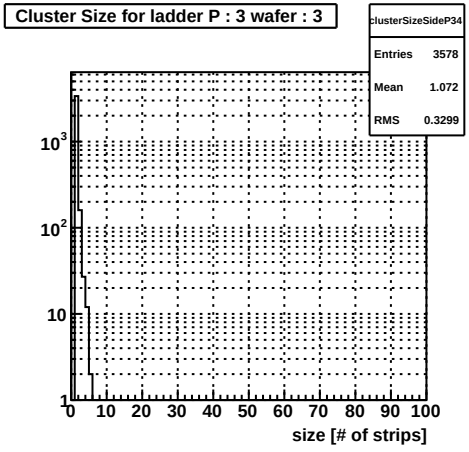

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1122
Mean 1.271
RMS 0.6217
size [# of strips]

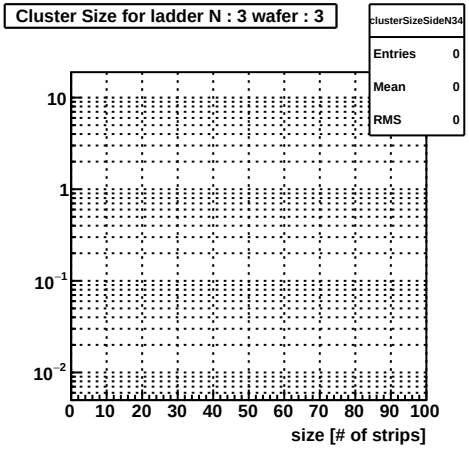

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2309
Mean 1.083
RMS 0.592
size [# of strips]

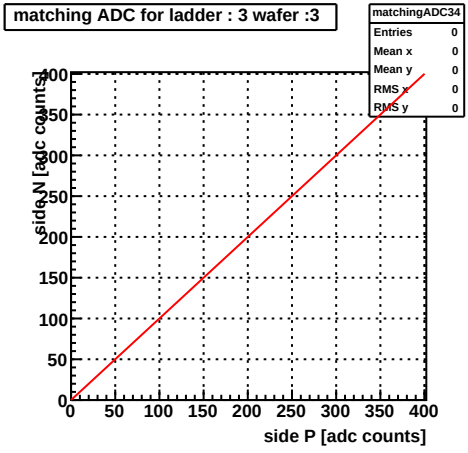

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 182
Mean x 75
Mean y 53.4
RMS x 53.23
RMS y 39.55
side N [adc counts]
side P [adc counts]

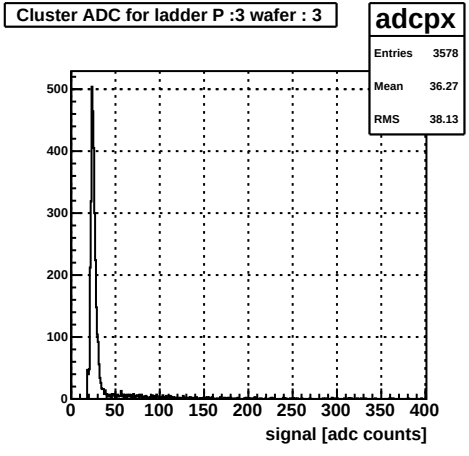

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1122
Mean 68.65
RMS 71.93
signal [adc counts]

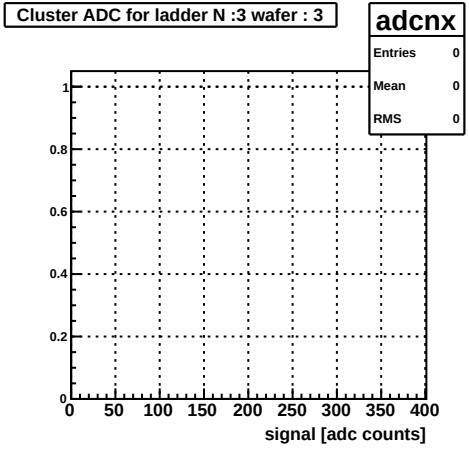

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2309
Mean 34.1
RMS 23.04
signal [adc counts]

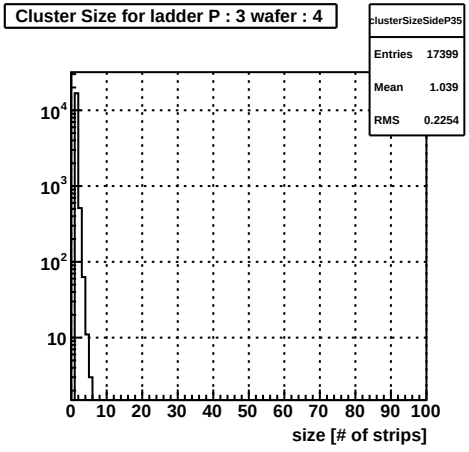

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3578
Mean 1.072
RMS 0.3299
size [# of strips]

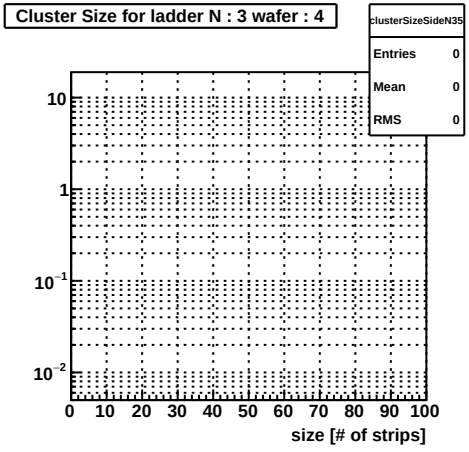

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

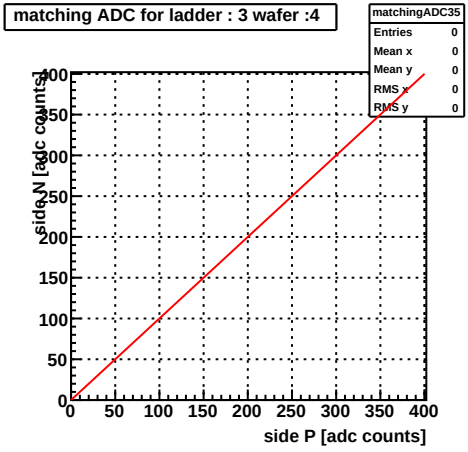

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

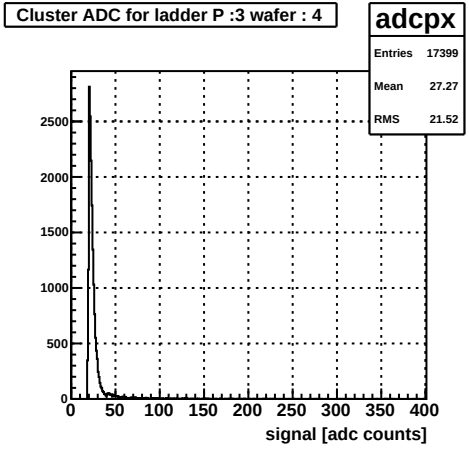

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3578
Mean 36.27
RMS 38.13
signal [adc counts]

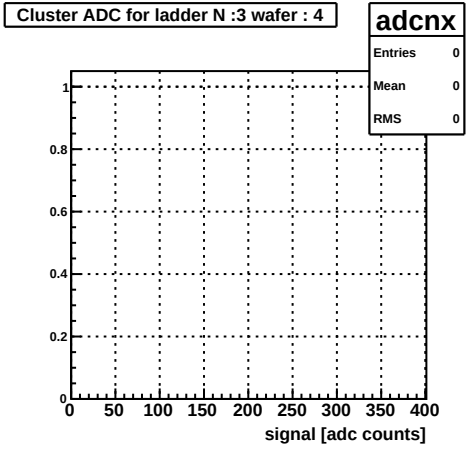

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

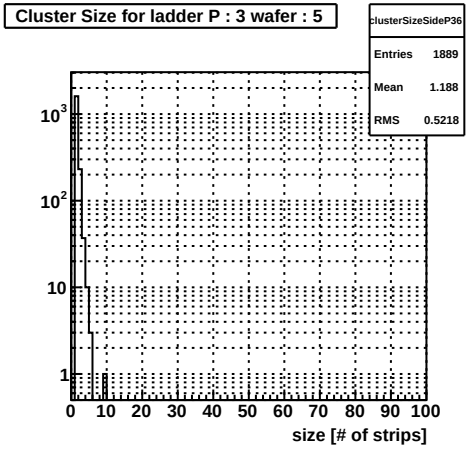

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17399
Mean 1.039
RMS 0.2254
size [# of strips]

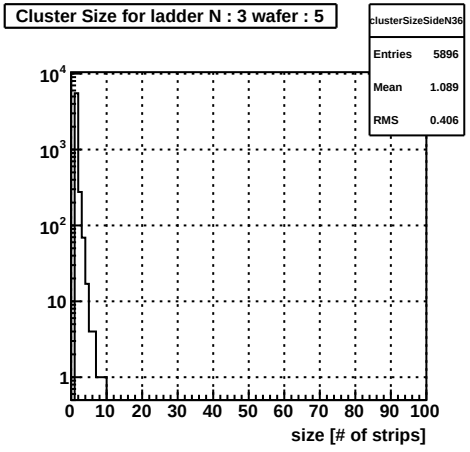

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

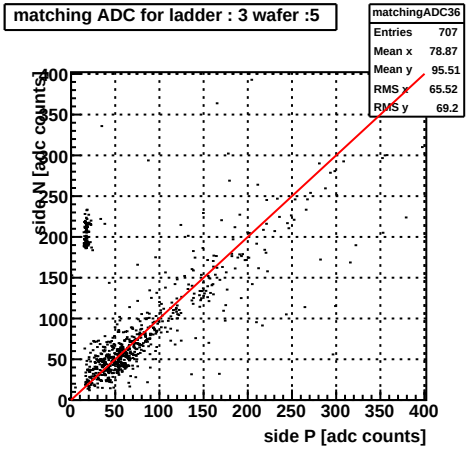

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

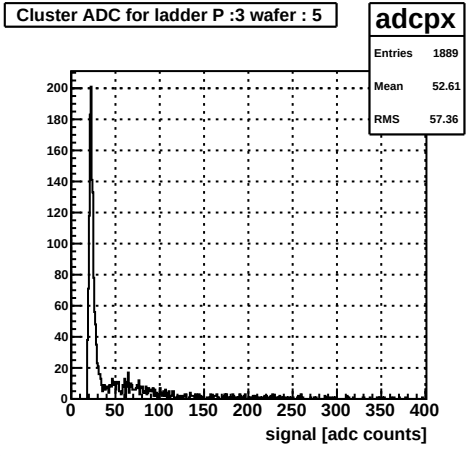

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17399
Mean 27.27
RMS 21.52
signal [adc counts]

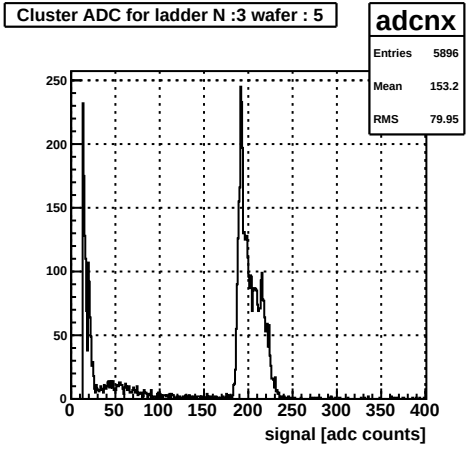

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

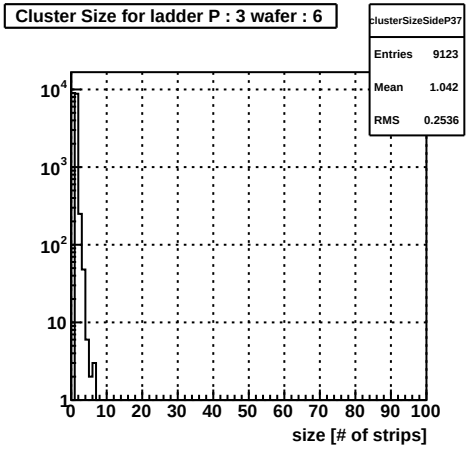

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1889
Mean 1.188
RMS 0.5218
size [# of strips]

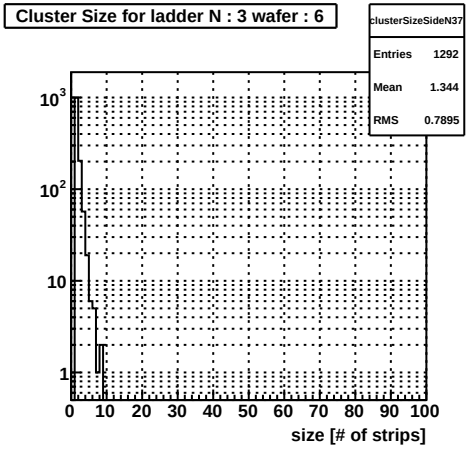

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5896
Mean 1.089
RMS 0.406
size [# of strips]

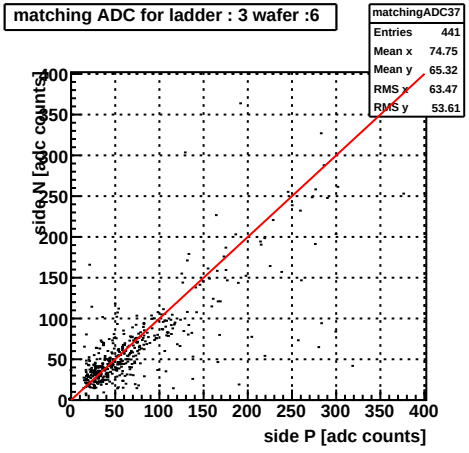

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 707
Mean x 78.87
Mean y 95.51
RMS x 65.52
RMS y 69.2
side N [adc counts]
side P [adc counts]

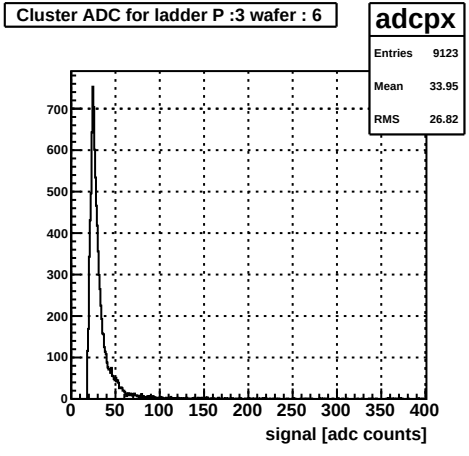

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1889
Mean 52.61
RMS 57.36
signal [adc counts]

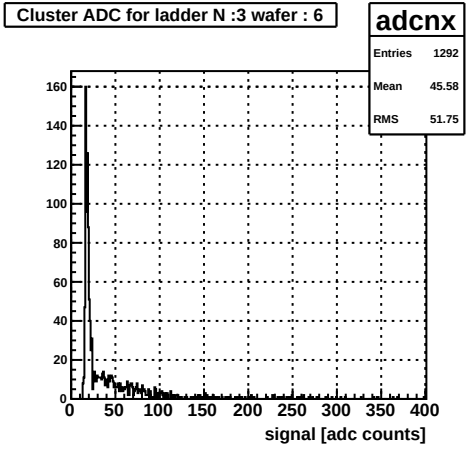

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5896
Mean 153.2
RMS 79.95
signal [adc counts]

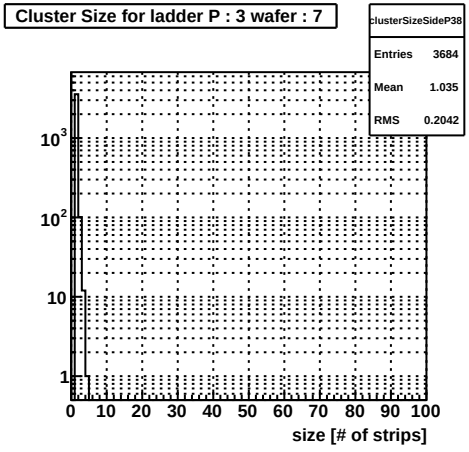

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9123
Mean 1.042
RMS 0.2536
size [# of strips]

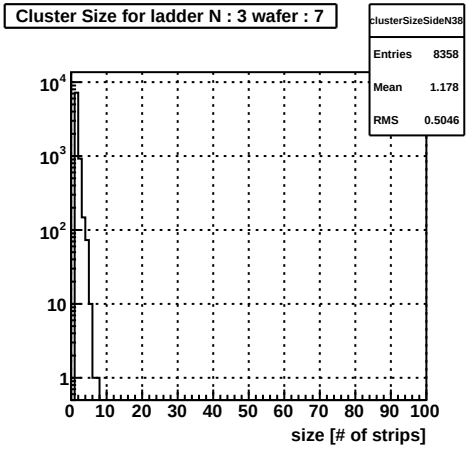

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1292
Mean 1.344
RMS 0.7895
size [# of strips]

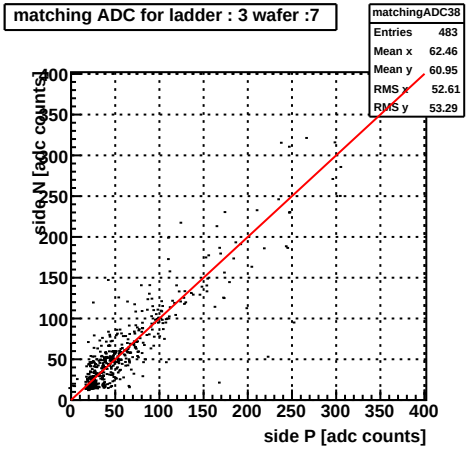

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 441
Mean x 74.75
Mean y 65.32
RMS x 63.47
RMS y 53.61
side N [adc counts]
side P [adc counts]

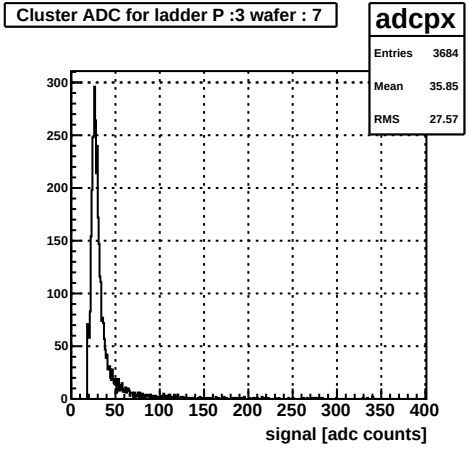

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9123
Mean 33.95
RMS 26.82
signal [adc counts]

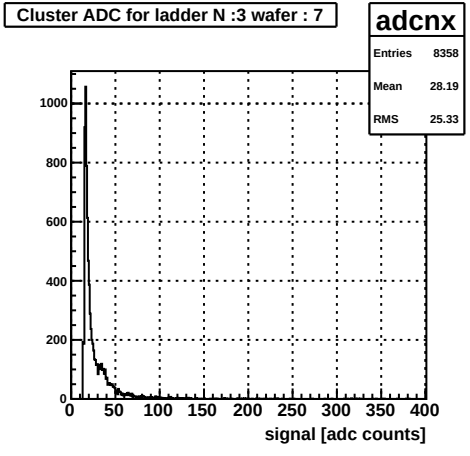

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1292
Mean 45.58
RMS 51.75
signal [adc counts]

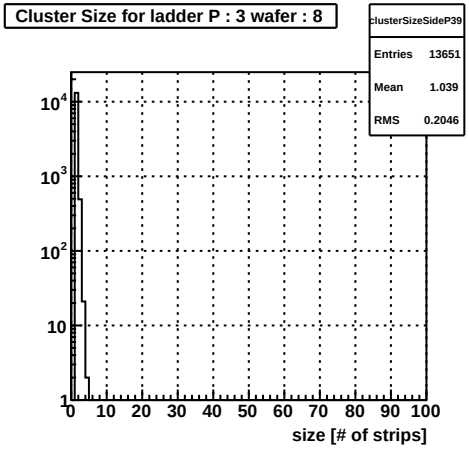

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3684
Mean 1.035
RMS 0.2042
size [# of strips]

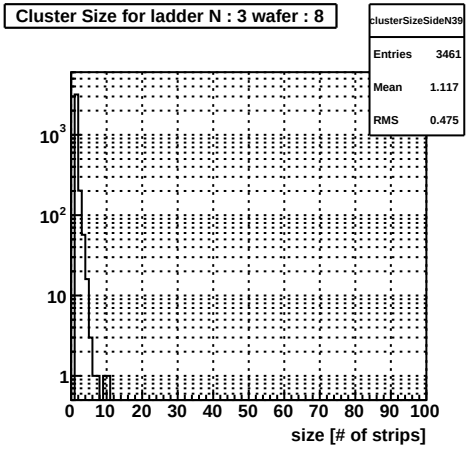

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8358
Mean 1.178
RMS 0.5046
size [# of strips]

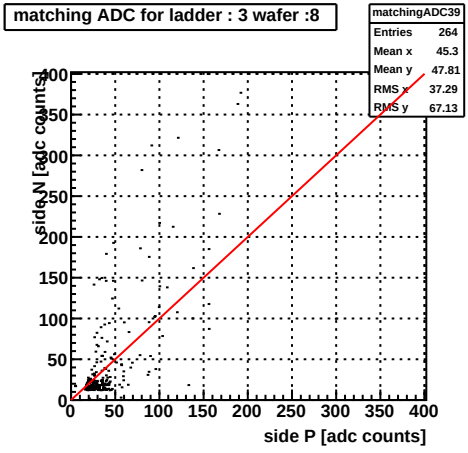

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 483
Mean x 62.46
Mean y 60.95
RMS x 52.61
RMS y 53.29
side N [adc counts]
side P [adc counts]

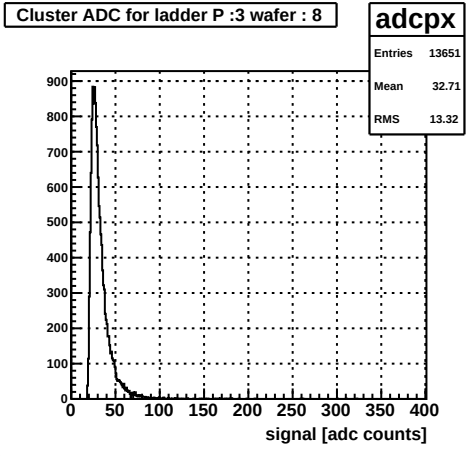

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3684
Mean 35.85
RMS 27.57
signal [adc counts]

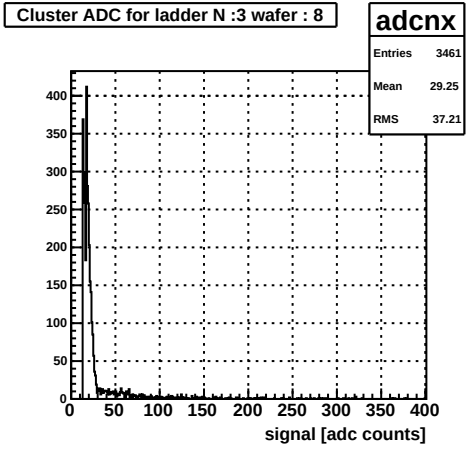

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8358
Mean 28.19
RMS 25.33
signal [adc counts]

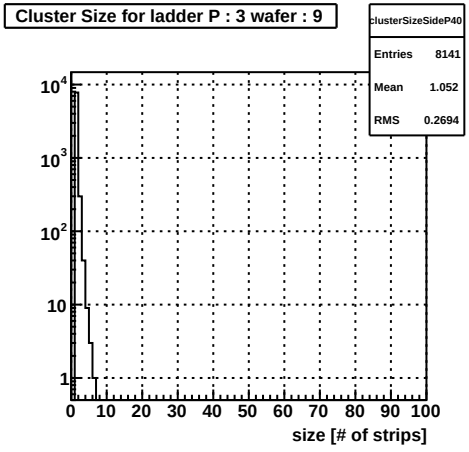

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 13651
Mean 1.039
RMS 0.2046
size [# of strips]

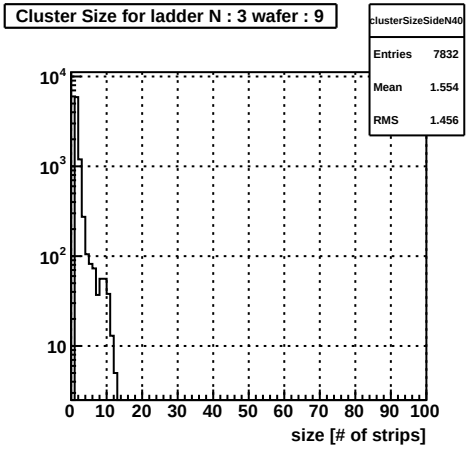

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3461
Mean 1.117
RMS 0.475
size [# of strips]

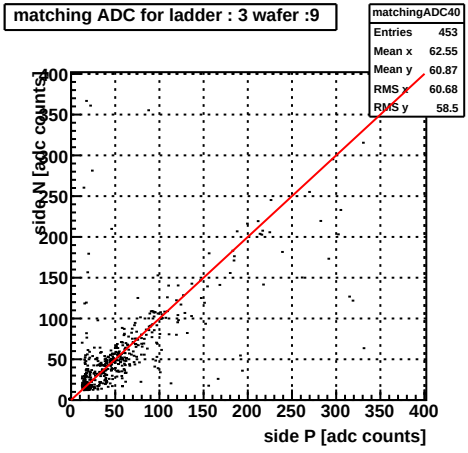

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 264
Mean x 45.3
Mean y 47.81
RMS x 37.29
RMS y 67.13
side N [adc counts]
side P [adc counts]

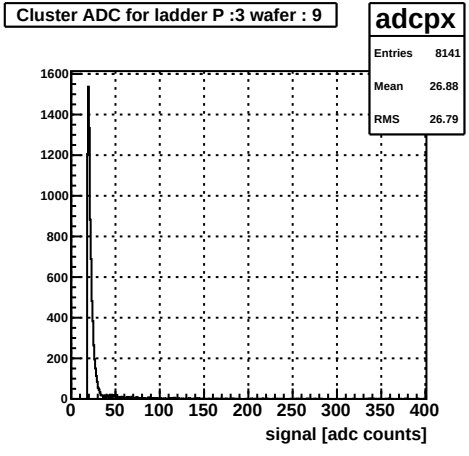

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 13651
Mean 32.71
RMS 13.32
signal [adc counts]

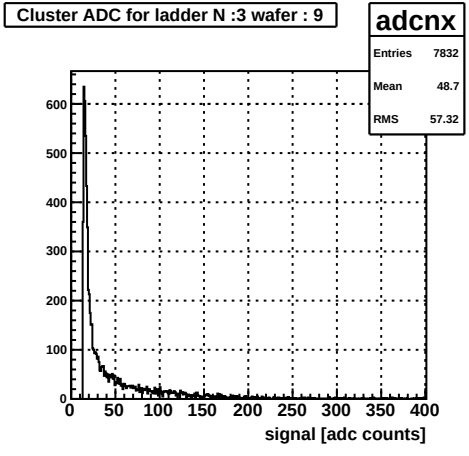

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3461
Mean 29.25
RMS 37.21
signal [adc counts]

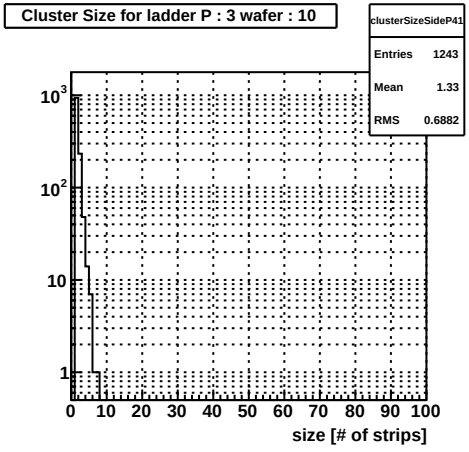

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8141
Mean 1.052
RMS 0.2694
size [# of strips]

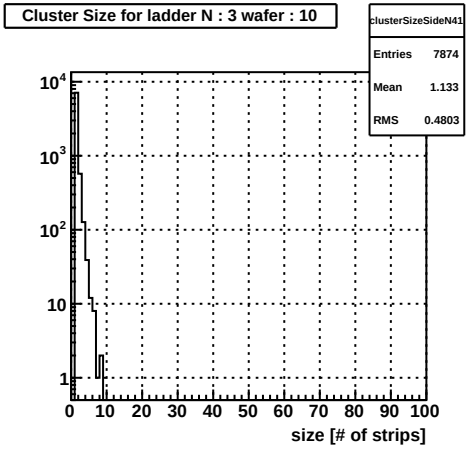

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7832
Mean 1.554
RMS 1.456
size [# of strips]

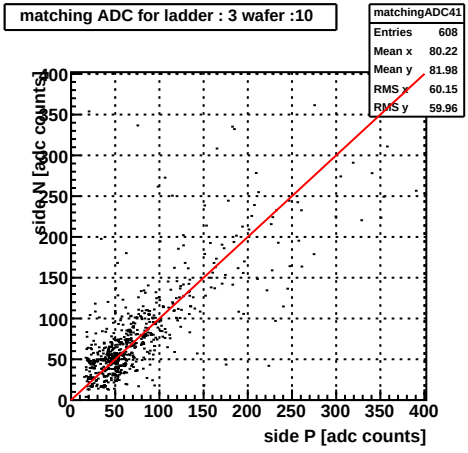

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 453
Mean x 62.55
Mean y 60.87
RMS x 60.68
RMS y 58.5
side N [adc counts]
side P [adc counts]

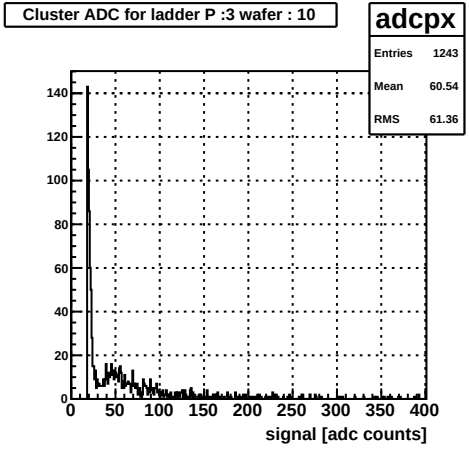

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8141
Mean 26.88
RMS 26.79
signal [adc counts]

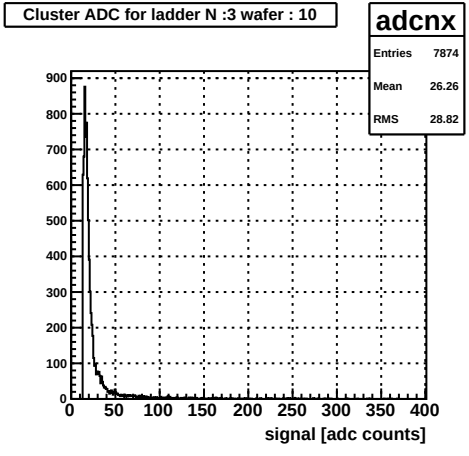

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7832
Mean 48.7
RMS 57.32
signal [adc counts]

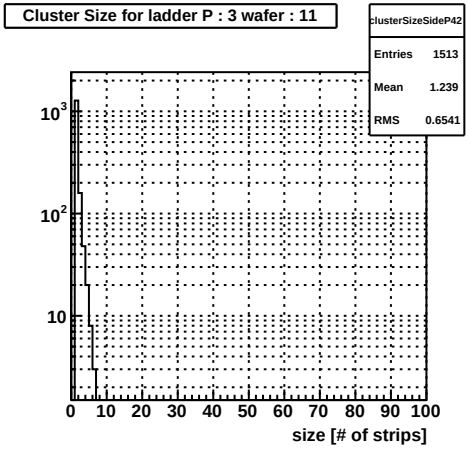

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1243
Mean 1.33
RMS 0.6882
size [# of strips]

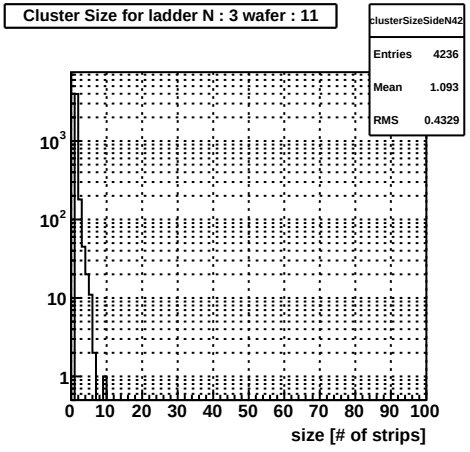

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 7874
Mean 1.133
RMS 0.4803
size [# of strips]

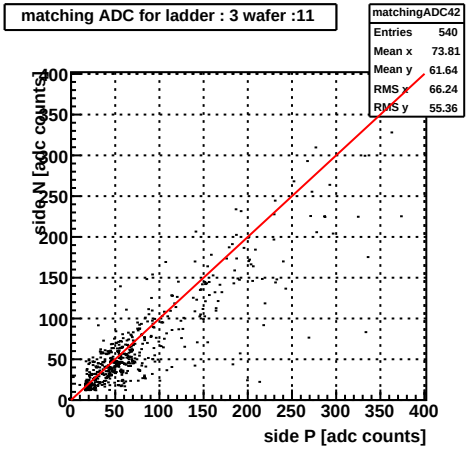

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 608
Mean x 80.22
Mean y 81.98
RMS x 60.15
RMS y 59.96
side N [adc counts]
side P [adc counts]

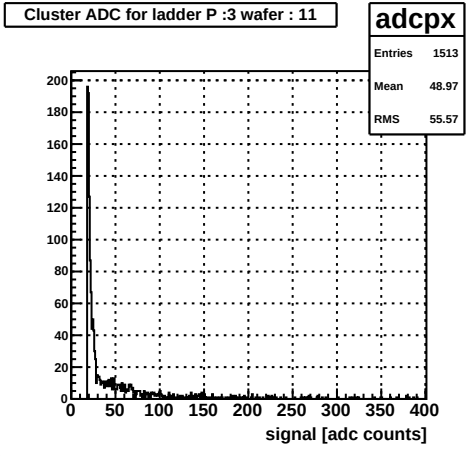

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1243
Mean 60.54
RMS 61.36
signal [adc counts]

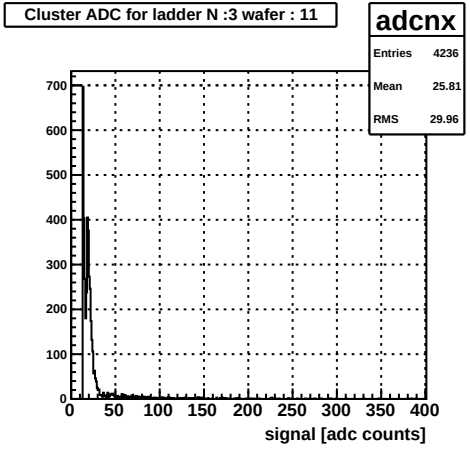

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 7874
Mean 26.26
RMS 28.82
signal [adc counts]

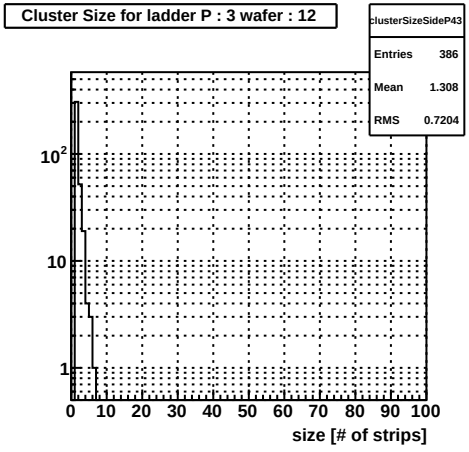

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1513
Mean 1.239
RMS 0.6541
size [# of strips]

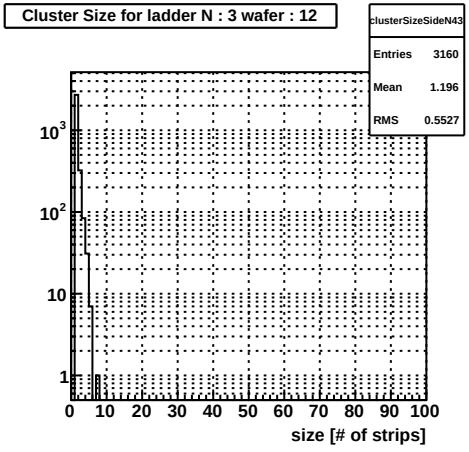

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4236
Mean 1.093
RMS 0.4329
size [# of strips]

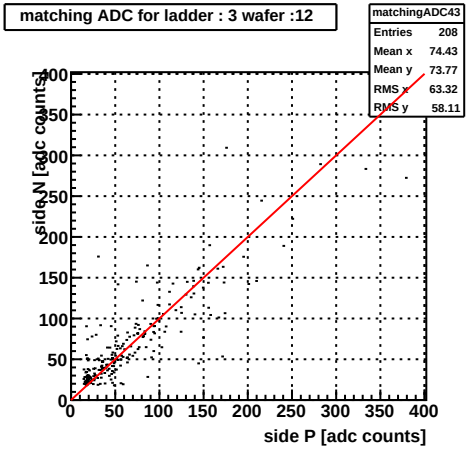

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 540
Mean x 73.81
Mean y 61.64
RMS x 66.24
RMS y 55.36
side N [adc counts]
side P [adc counts]

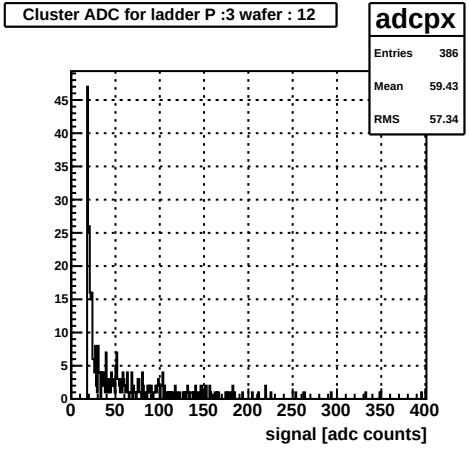

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1513
Mean 48.97
RMS 55.57
signal [adc counts]

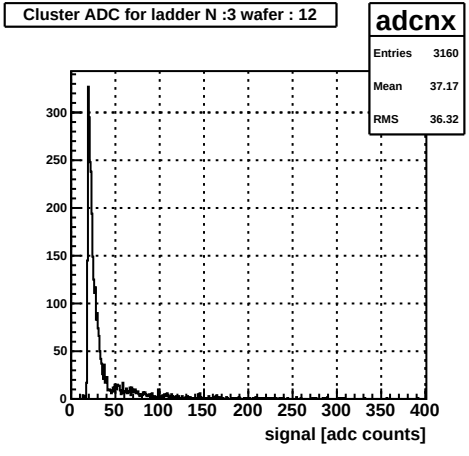

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4236
Mean 25.81
RMS 29.96
signal [adc counts]

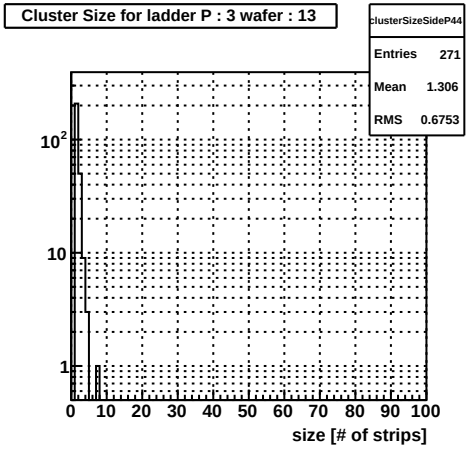

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 386
Mean 1.308
RMS 0.7204
size [# of strips]

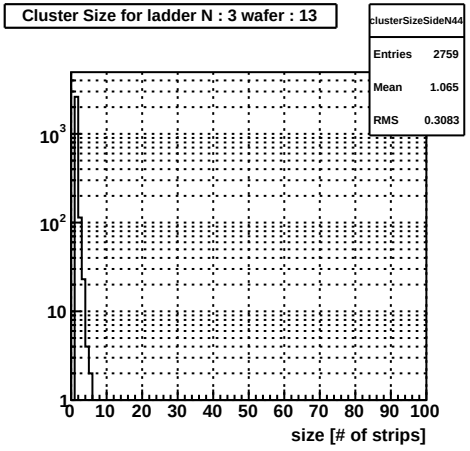

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3160
Mean 1.196
RMS 0.5527
size [# of strips]

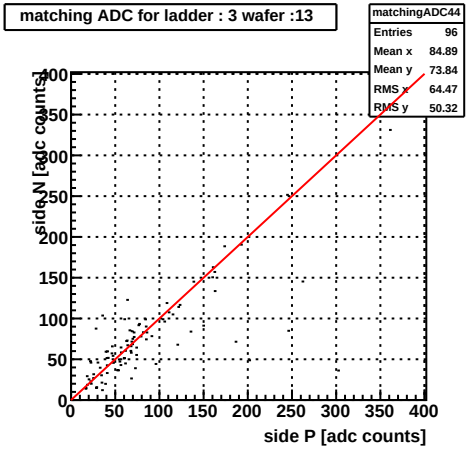

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 208
Mean x 74.43
Mean y 73.77
RMS x 63.32
RMS y 58.11
side N [adc counts]
side P [adc counts]

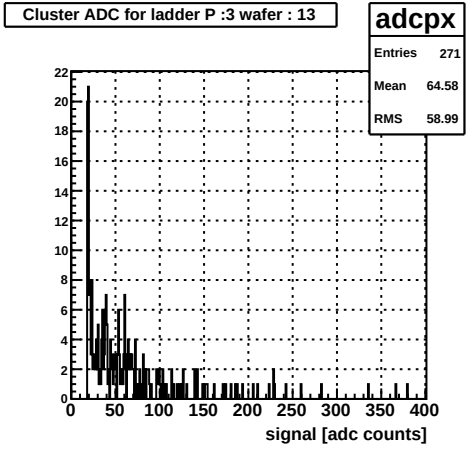

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 386
Mean 59.43
RMS 57.34
signal [adc counts]

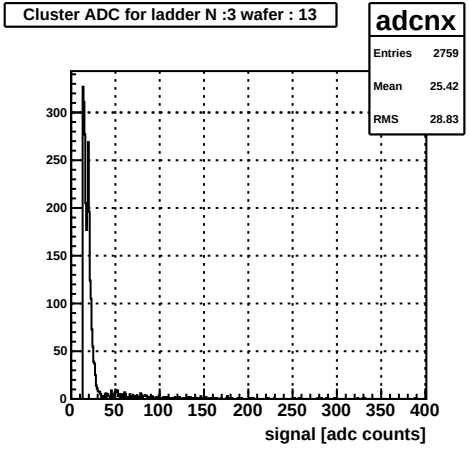

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3160
Mean 37.17
RMS 36.32
signal [adc counts]

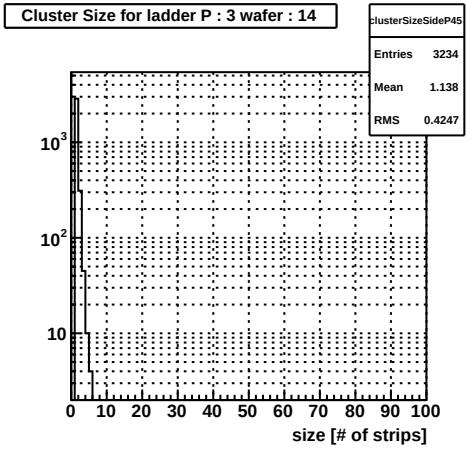

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 271
Mean 1.306
RMS 0.6753
size [# of strips]

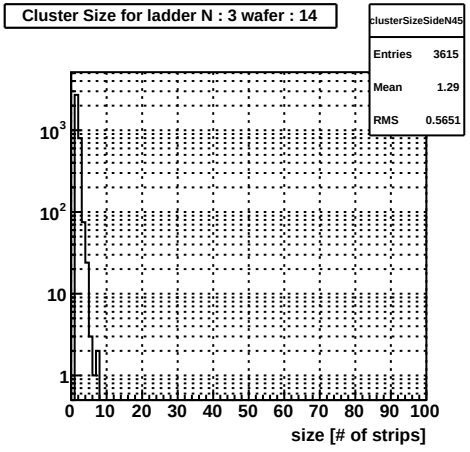

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2759
Mean 1.065
RMS 0.3083
size [# of strips]

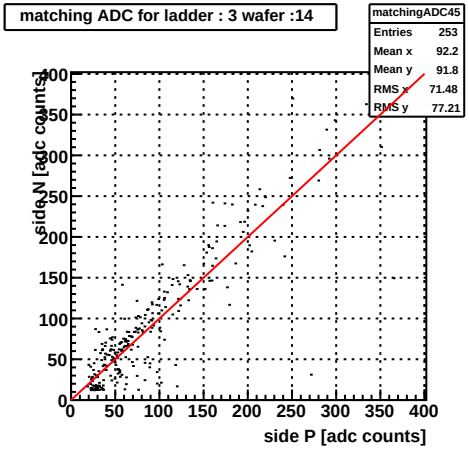

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 96
Mean x 84.89
Mean y 73.84
RMS x 64.47
RMS y 50.32
side N [adc counts]
side P [adc counts]

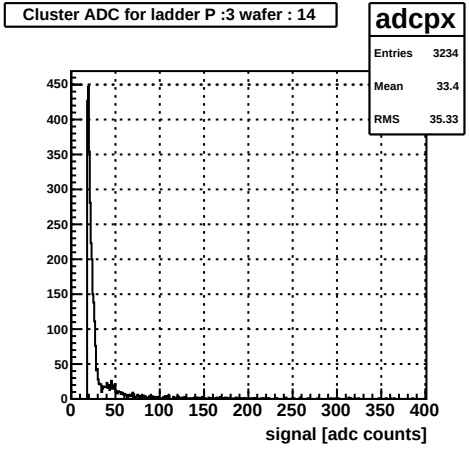

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 271
Mean 64.58
RMS 58.99
signal [adc counts]

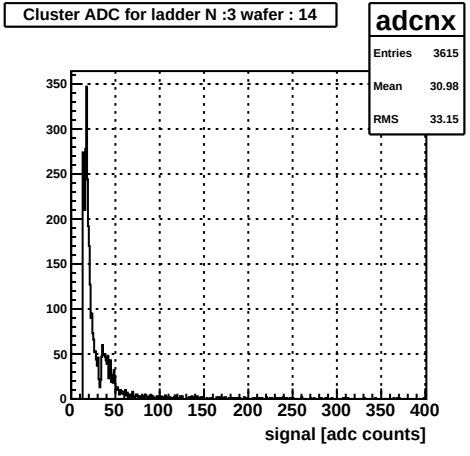

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2759
Mean 25.42
RMS 28.83
signal [adc counts]

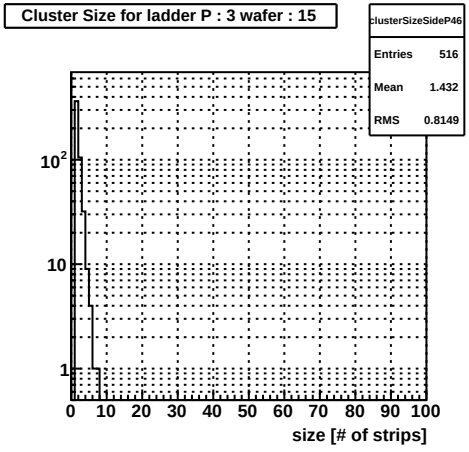

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3234
Mean 1.138
RMS 0.4247
size [# of strips]

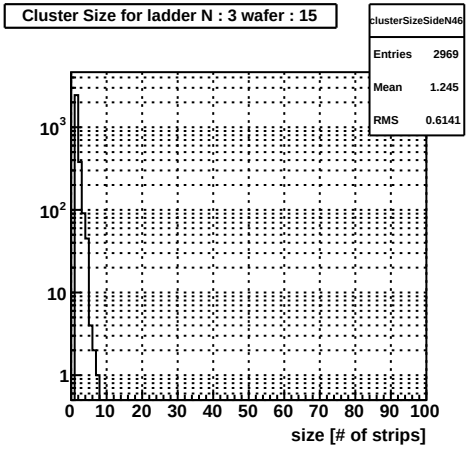

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3615
Mean 1.29
RMS 0.5651
size [# of strips]

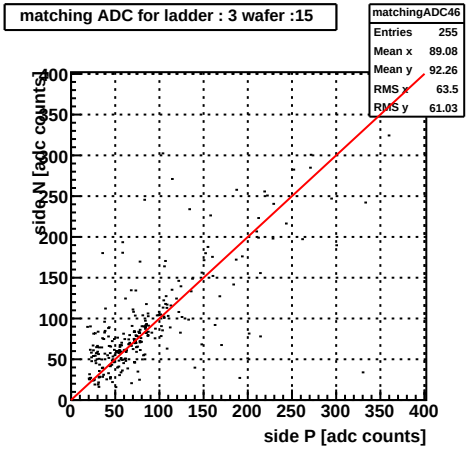

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 253
Mean x 92.2
Mean y 91.8
RMS x 71.48
RMS y 77.21
side N [adc counts]
side P [adc counts]

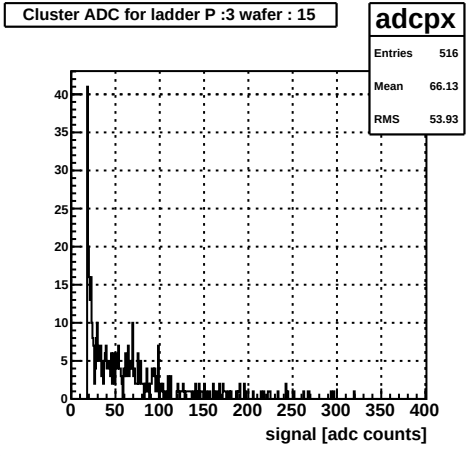

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3234
Mean 33.4
RMS 35.33
signal [adc counts]

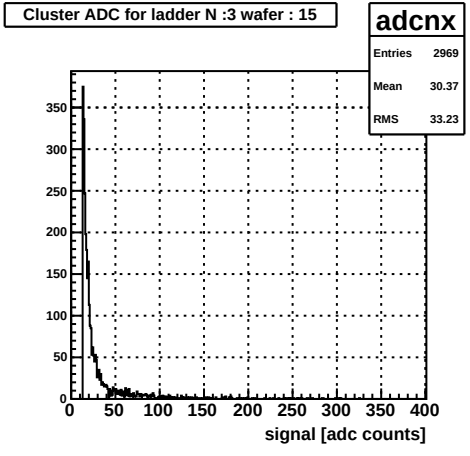

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3615
Mean 30.98
RMS 33.15
signal [adc counts]

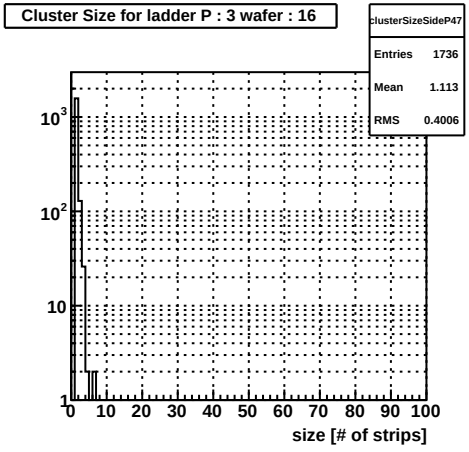

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 516
Mean 1.432
RMS 0.8149
size [# of strips]

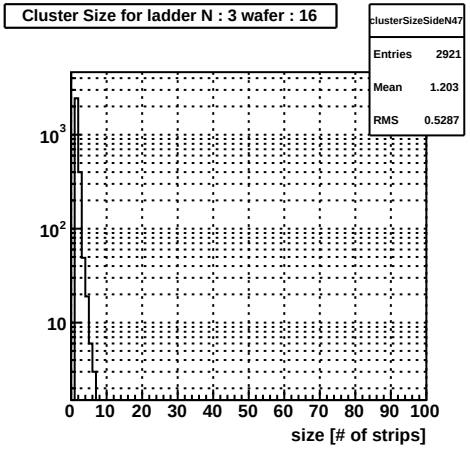

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2969
Mean 1.245
RMS 0.6141
size [# of strips]

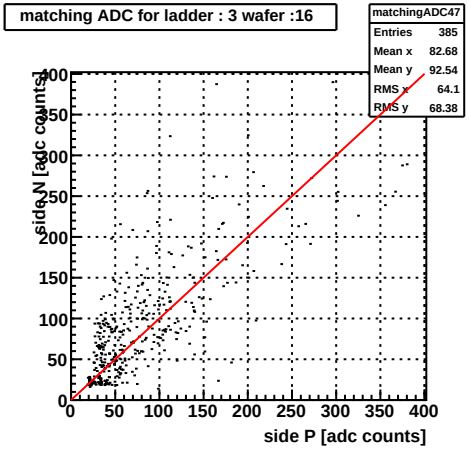

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 255
Mean x 89.08
Mean y 92.26
RMS x 63.5
RMS y 61.03
side N [adc counts]
side P [adc counts]

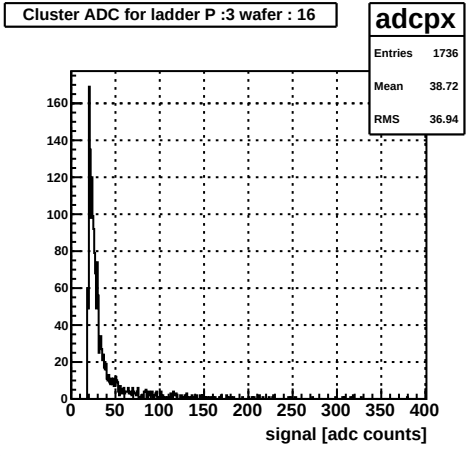

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 516
Mean 66.13
RMS 53.93
signal [adc counts]

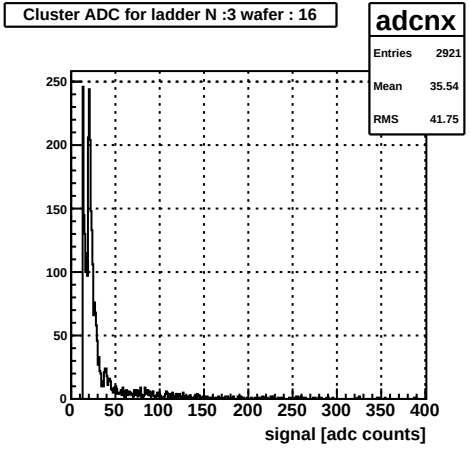

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2969
Mean 30.37
RMS 33.23
signal [adc counts]

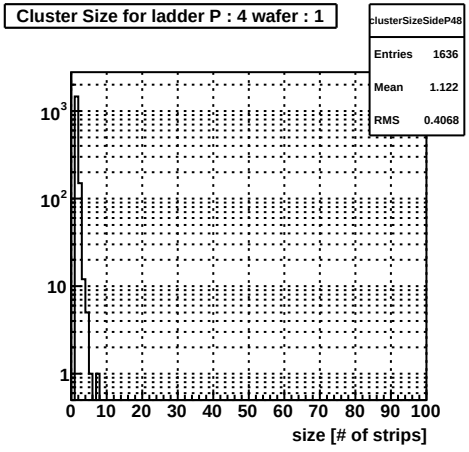

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1736
Mean 1.113
RMS 0.4006
size [# of strips]

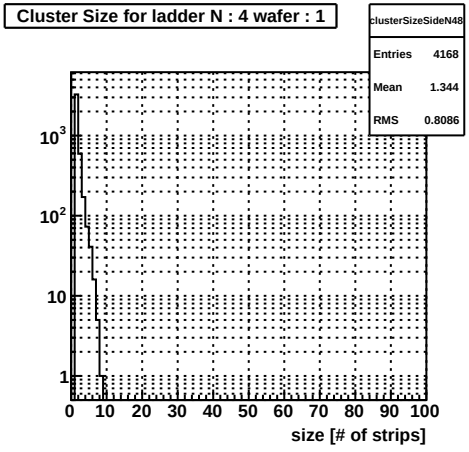

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2921
Mean 1.203
RMS 0.5287
size [# of strips]

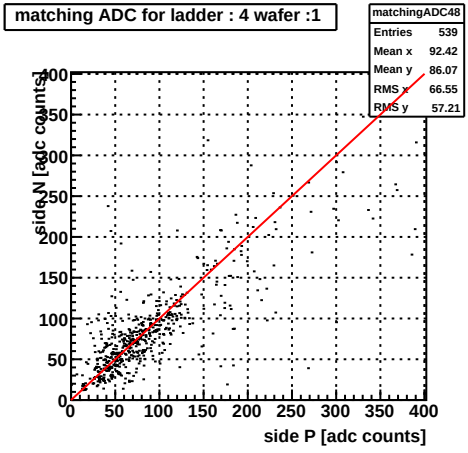

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 385
Mean x 82.68
Mean y 92.54
RMS x 64.1
RMS y 68.38
side N [adc counts]
side P [adc counts]

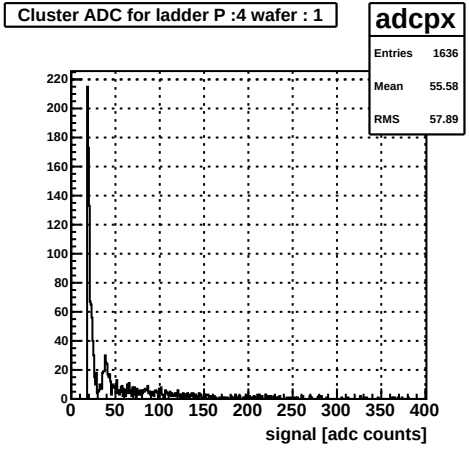

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1736
Mean 38.72
RMS 36.94
signal [adc counts]

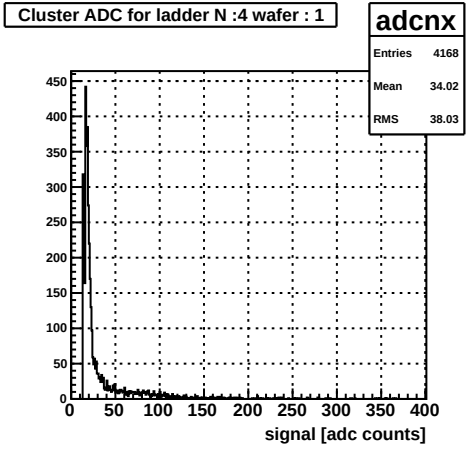

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2921
Mean 35.54
RMS 41.75
signal [adc counts]

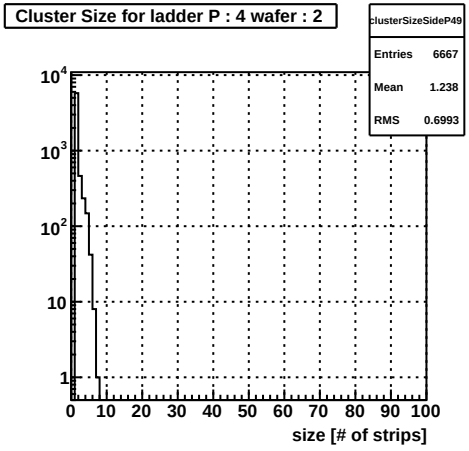

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1636
Mean 1.122
RMS 0.4068
size [# of strips]

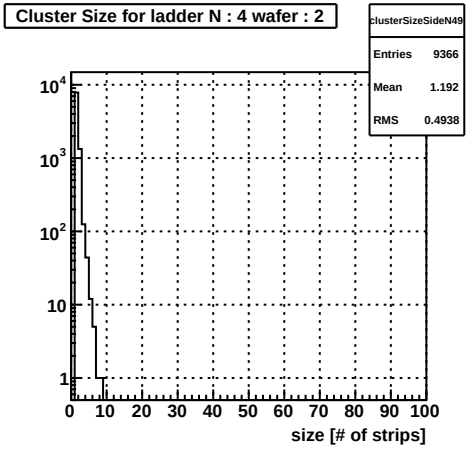

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4168
Mean 1.344
RMS 0.8086
size [# of strips]

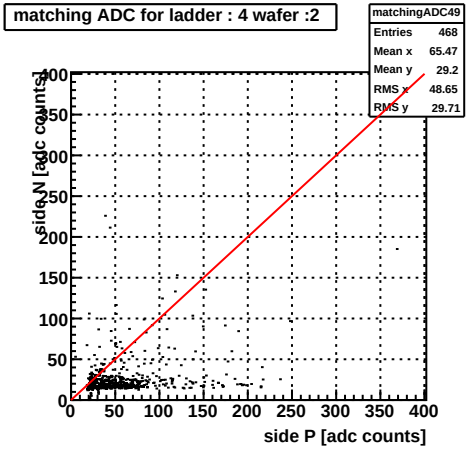

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 539
Mean x 92.42
Mean y 86.07
RMS x 66.55
RMS y 57.21
side N [adc counts]
side P [adc counts]

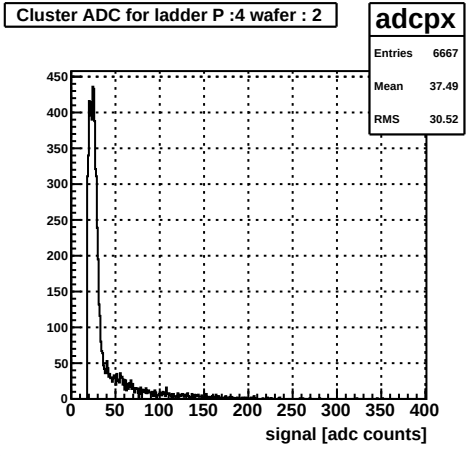

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1636
Mean 55.58
RMS 57.89
signal [adc counts]

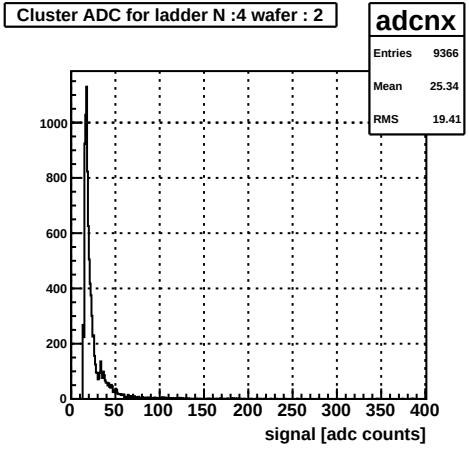

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4168
Mean 34.02
RMS 38.03
signal [adc counts]

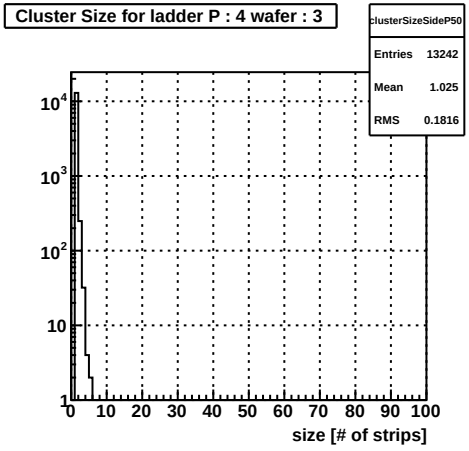

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6667
Mean 1.238
RMS 0.6993
size [# of strips]

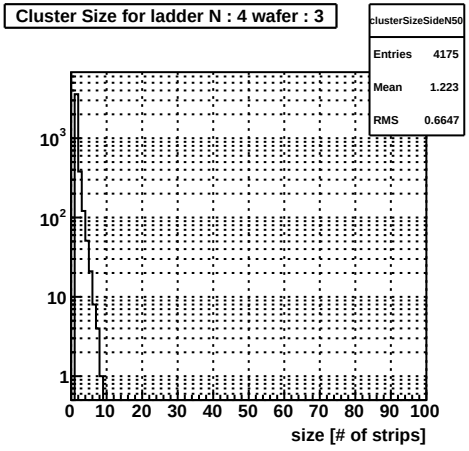

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9366
Mean 1.192
RMS 0.4938
size [# of strips]

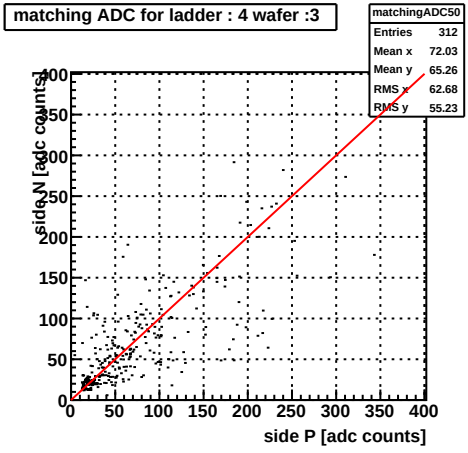

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 468
Mean x 65.47
Mean y 29.2
RMS x 48.65
RMS y 29.71
side N [adc counts]
side P [adc counts]

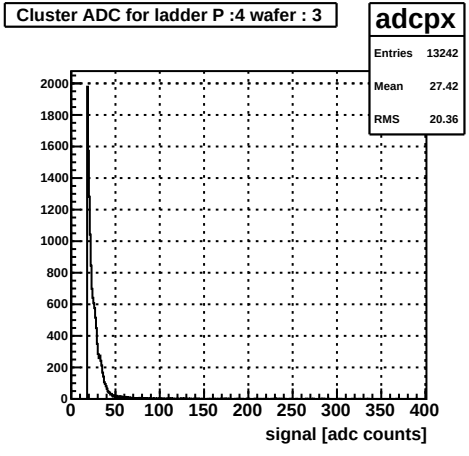

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6667
Mean 37.49
RMS 30.52
signal [adc counts]

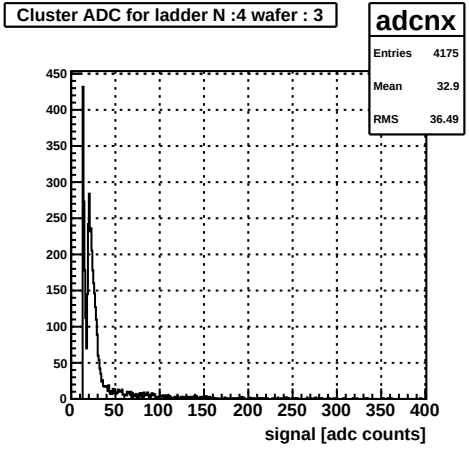

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9366
Mean 25.34
RMS 19.41
signal [adc counts]

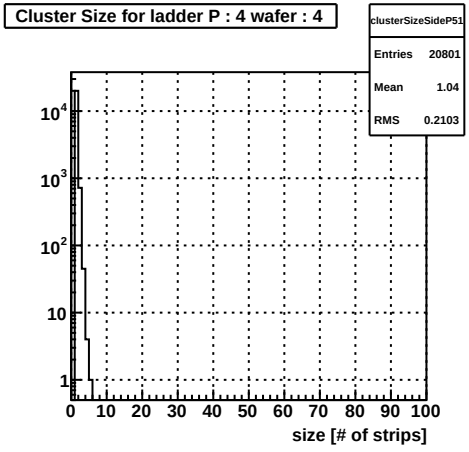

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13242
Mean 1.025
RMS 0.1816
size [# of strips]

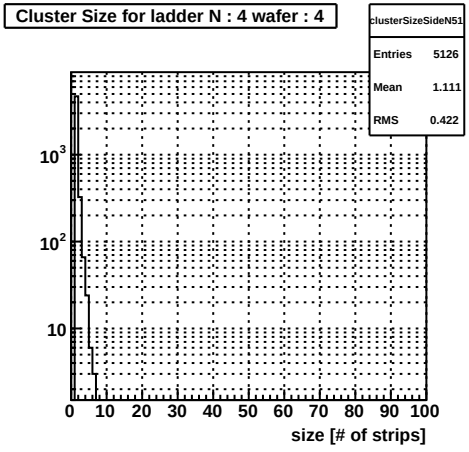

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 4175
Mean 1.223
RMS 0.6647
size [# of strips]

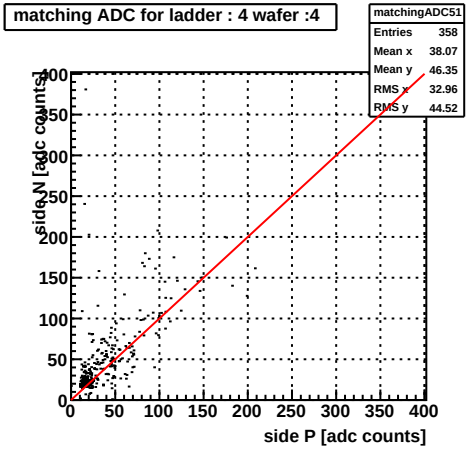

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 312
Mean x 72.03
Mean y 65.26
RMS x 62.68
RMS y 55.23
side N [adc counts]
side P [adc counts]

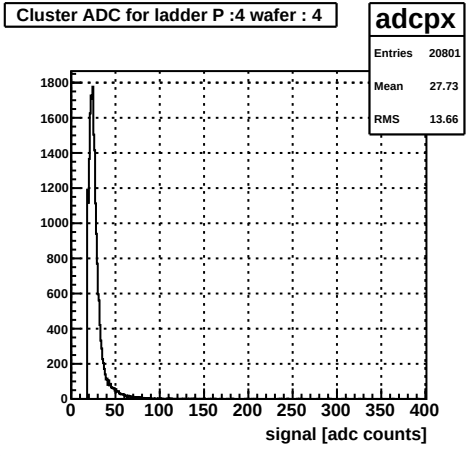

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13242
Mean 27.42
RMS 20.36
signal [adc counts]

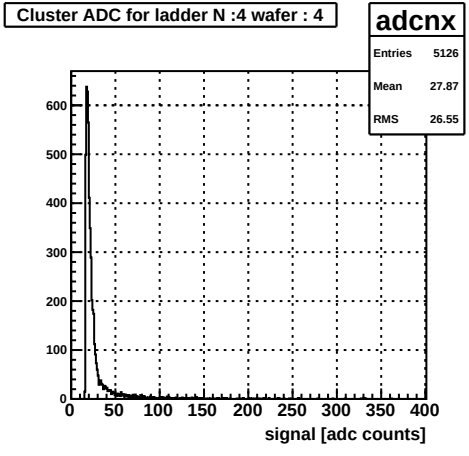

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 4175
Mean 32.9
RMS 36.49
signal [adc counts]

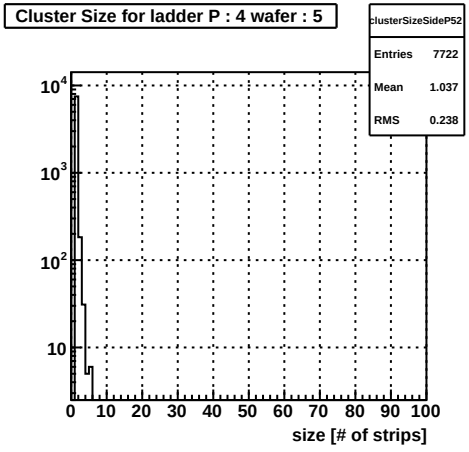

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 20801
Mean 1.04
RMS 0.2103
size [# of strips]

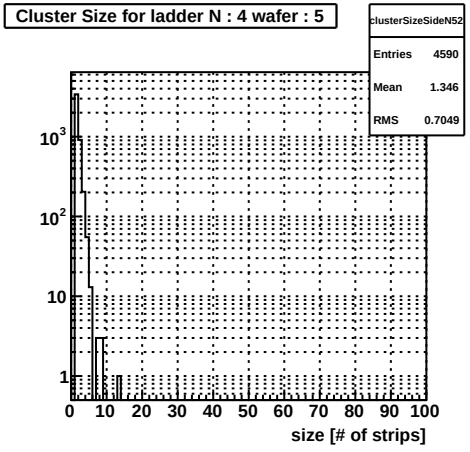

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5126
Mean 1.111
RMS 0.422
size [# of strips]

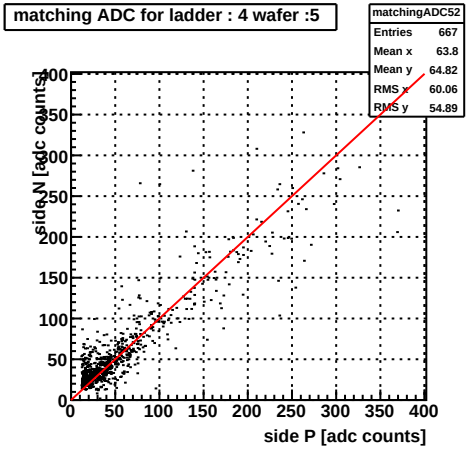

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 358
Mean x 38.07
Mean y 46.35
RMS x 32.96
RMS y 44.52
side N [adc counts]
side P [adc counts]

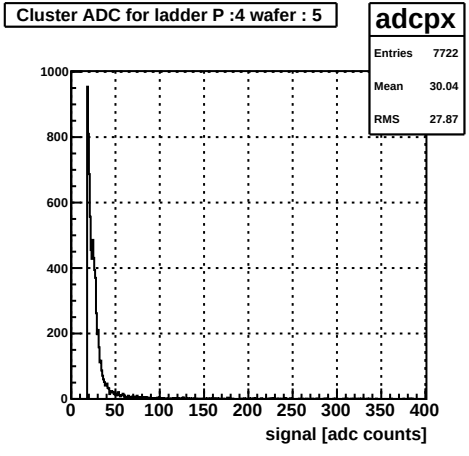

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 20801
Mean 27.73
RMS 13.66
signal [adc counts]

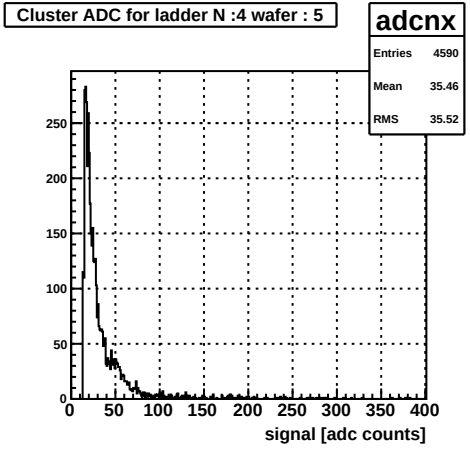

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5126
Mean 27.87
RMS 26.55
signal [adc counts]

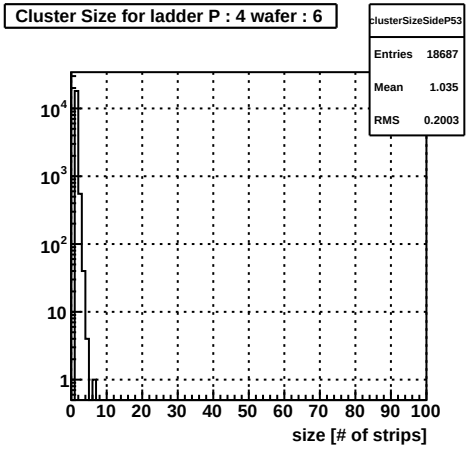

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7722
Mean 1.037
RMS 0.238
size [# of strips]

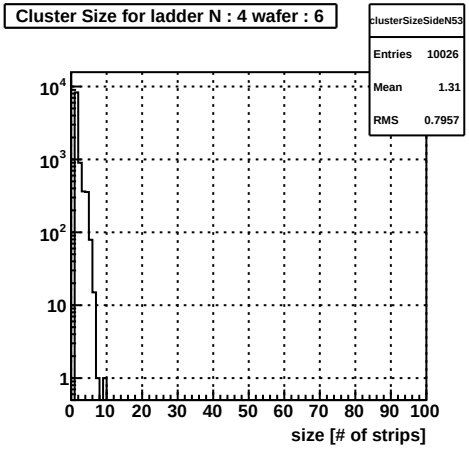

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4590
Mean 1.346
RMS 0.7049
size [# of strips]

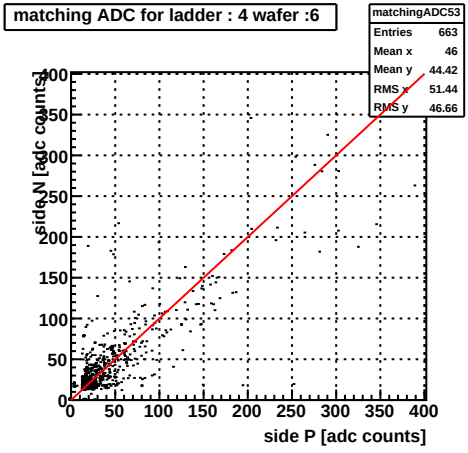

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 667
Mean x 63.8
Mean y 64.82
RMS x 60.06
RMS y 54.89
side N [adc counts]
side P [adc counts]

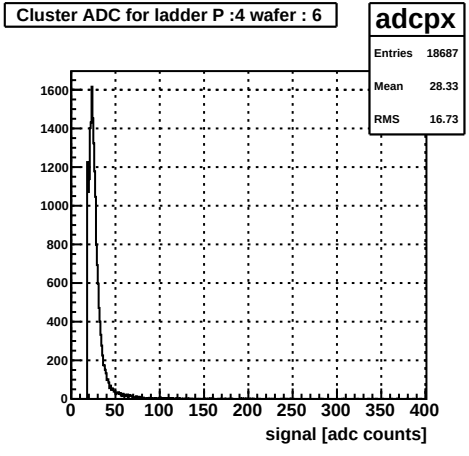

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7722
Mean 30.04
RMS 27.87
signal [adc counts]

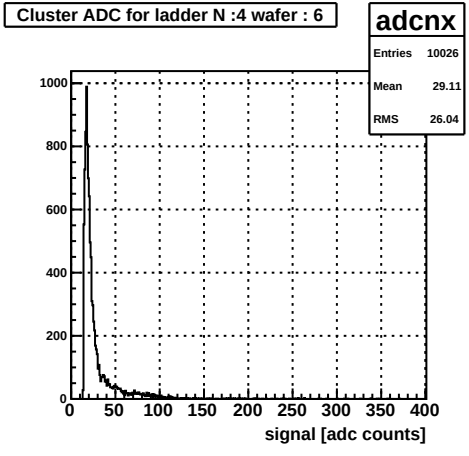

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4590
Mean 35.46
RMS 35.52
signal [adc counts]

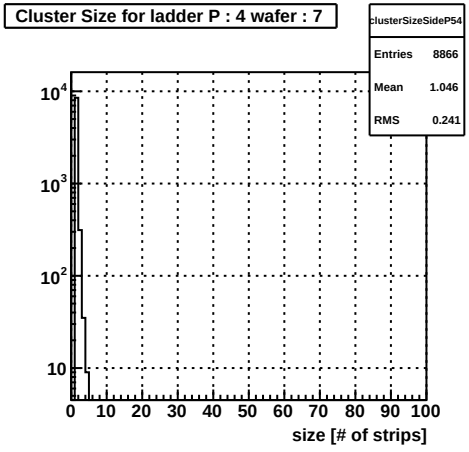

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18687
Mean 1.035
RMS 0.2003
size [# of strips]

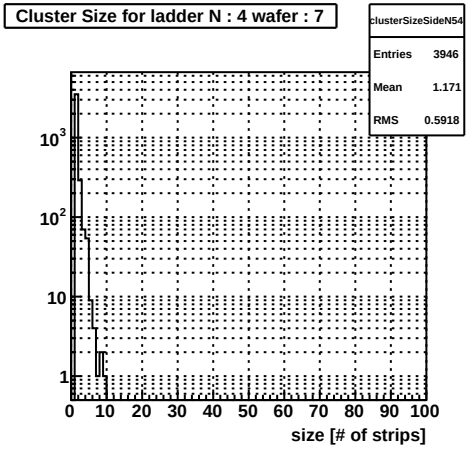

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 10026
Mean 1.31
RMS 0.7957
size [# of strips]

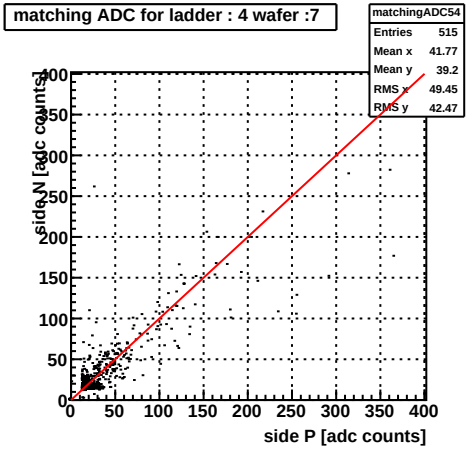

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 663
Mean x 46
Mean y 44.42
RMS x 51.44
RMS y 46.66
side N [adc counts]
side P [adc counts]

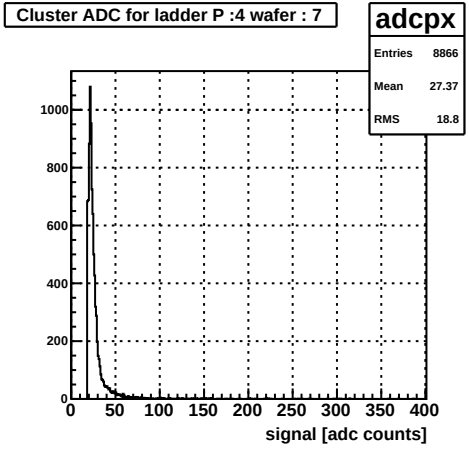

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18687
Mean 28.33
RMS 16.73
signal [adc counts]

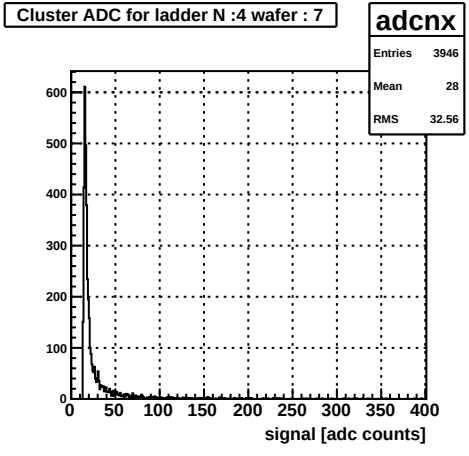

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 10026
Mean 29.11
RMS 26.04
signal [adc counts]

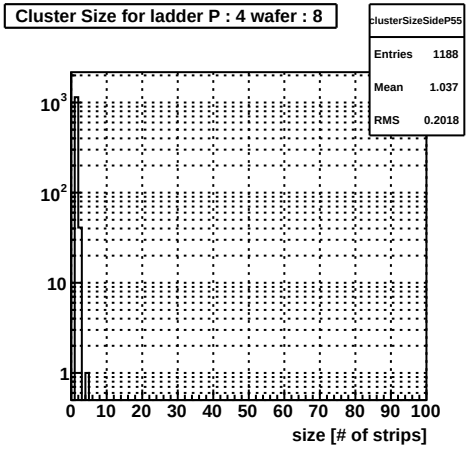

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8866
Mean 1.046
RMS 0.241
size [# of strips]

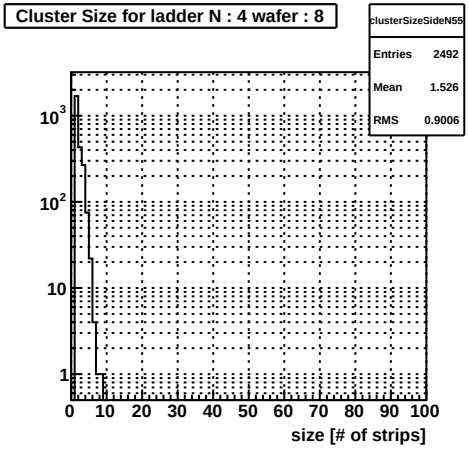

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3946
Mean 1.171
RMS 0.5918
size [# of strips]

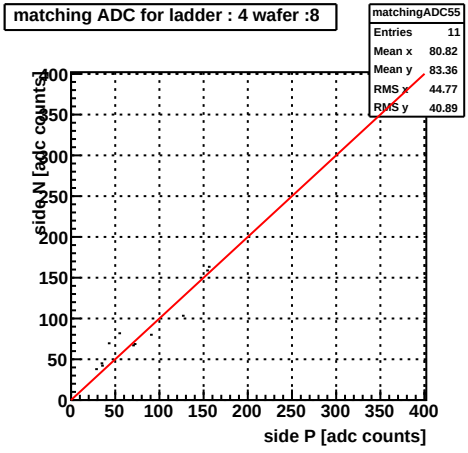

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 515
Mean x 41.77
Mean y 39.2
RMS x 49.45
RMS y 42.47
side N [adc counts]
side P [adc counts]

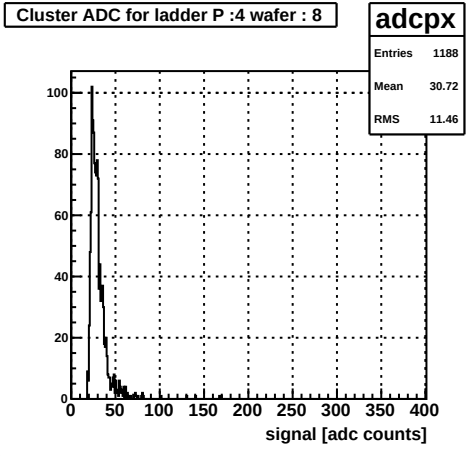

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8866
Mean 27.37
RMS 18.8
signal [adc counts]

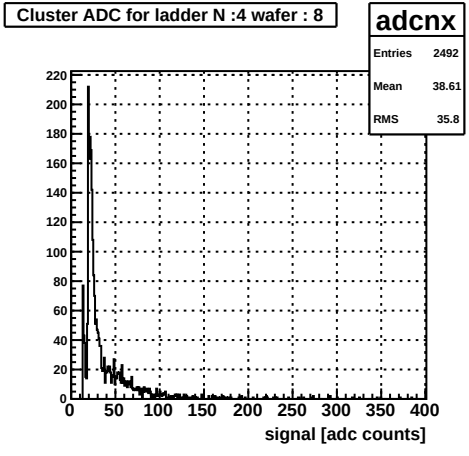

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3946
Mean 28
RMS 32.56
signal [adc counts]

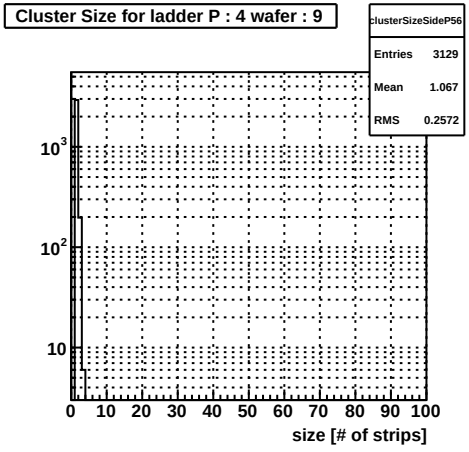

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1188
Mean 1.037
RMS 0.2018
size [# of strips]

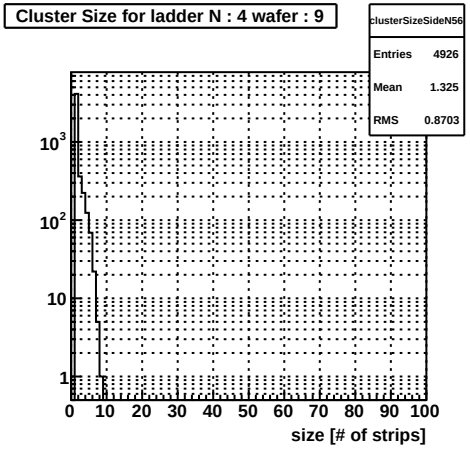

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2492
Mean 1.526
RMS 0.9006
size [# of strips]

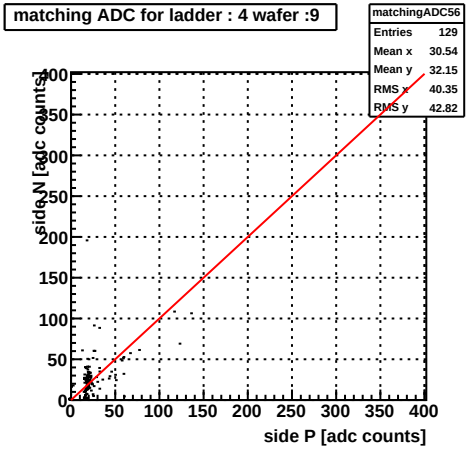

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 11
Mean x 80.82
Mean y 83.36
RMS x 44.77
RMS y 40.89
side N [adc counts]
side P [adc counts]

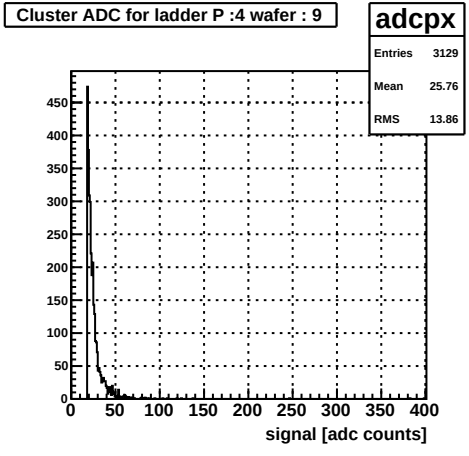

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1188
Mean 30.72
RMS 11.46
signal [adc counts]

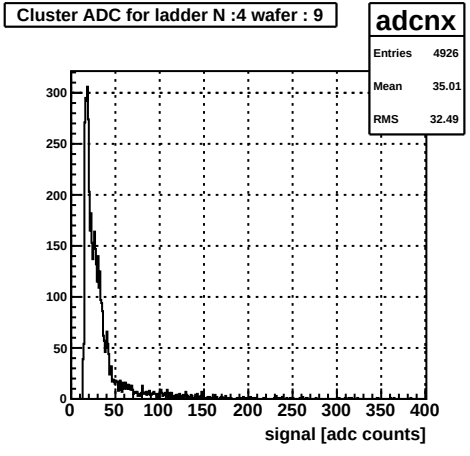

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2492
Mean 38.61
RMS 35.8
signal [adc counts]

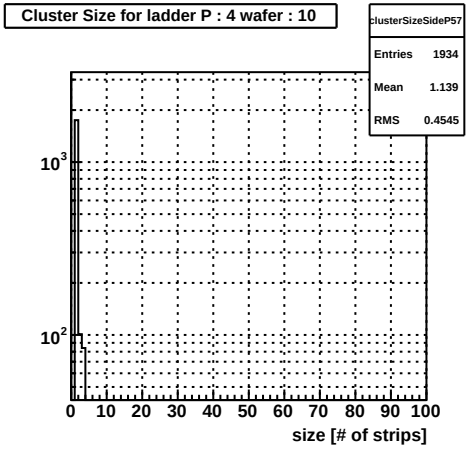

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 3129
Mean 1.067
RMS 0.2572
size [# of strips]

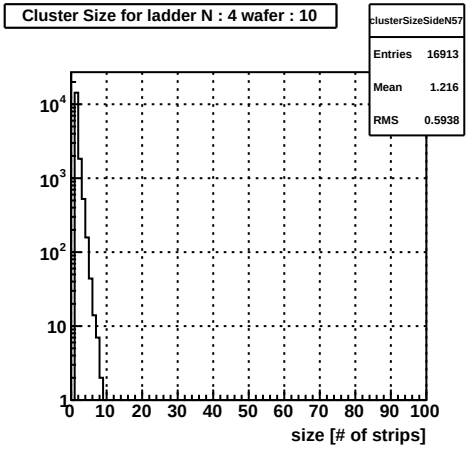

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4926
Mean 1.325
RMS 0.8703
size [# of strips]

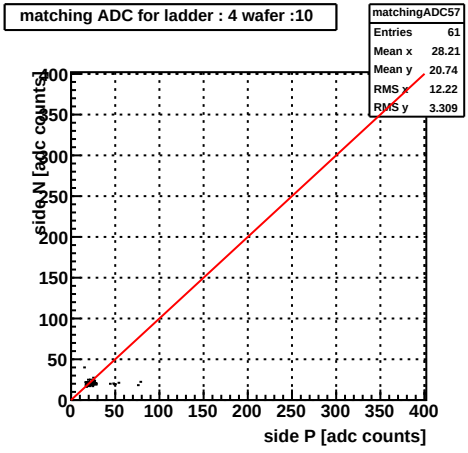

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 129
Mean x 30.54
Mean y 32.15
RMS x 40.35
RMS y 42.82
side N [adc counts]
side P [adc counts]

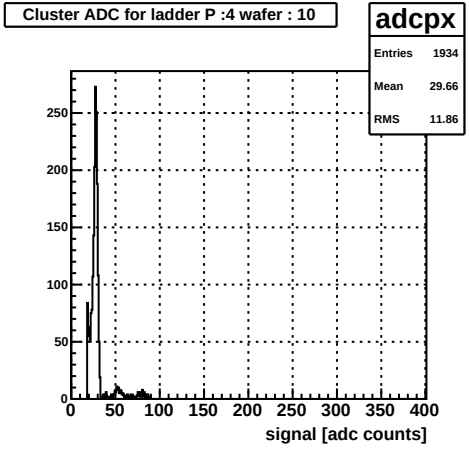

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 3129
Mean 25.76
RMS 13.86
signal [adc counts]

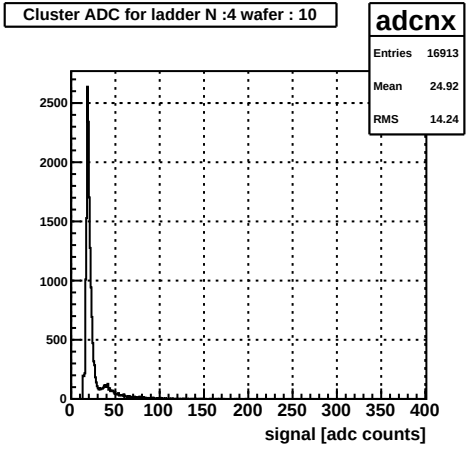

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4926
Mean 35.01
RMS 32.49
signal [adc counts]

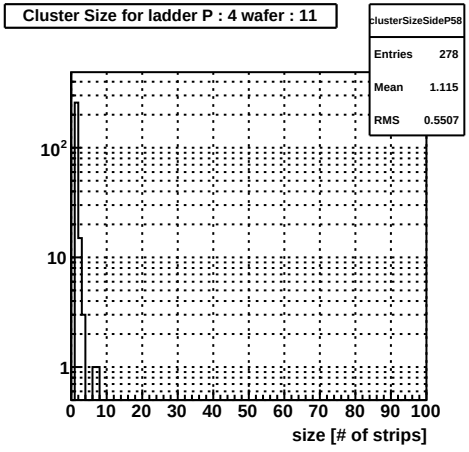

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1934
Mean 1.139
RMS 0.4545
size [# of strips]

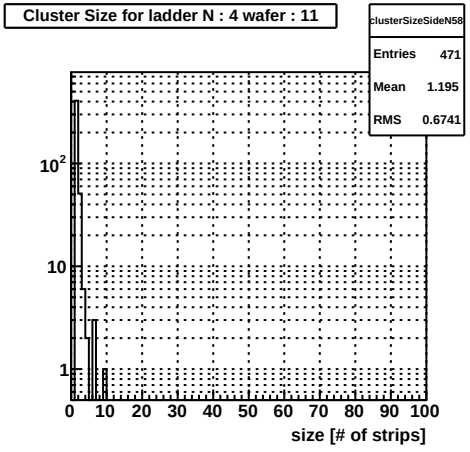

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16913
Mean 1.216
RMS 0.5938
size [# of strips]

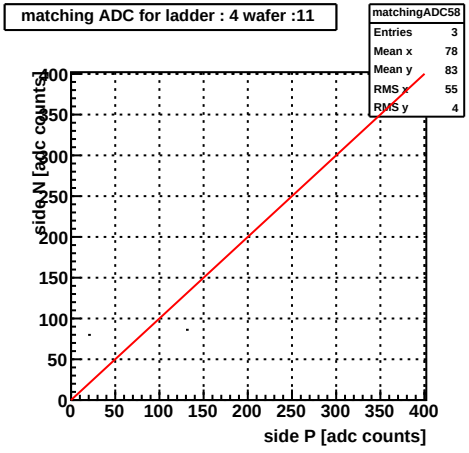

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 61
Mean x 28.21
Mean y 20.74
RMS x 12.22
RMS y 3.309
side N [adc counts]
side P [adc counts]

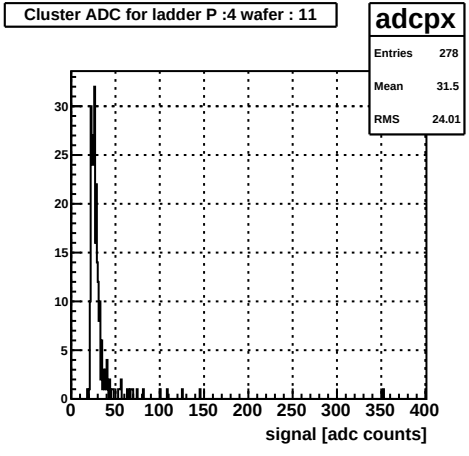

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1934
Mean 29.66
RMS 11.86
signal [adc counts]

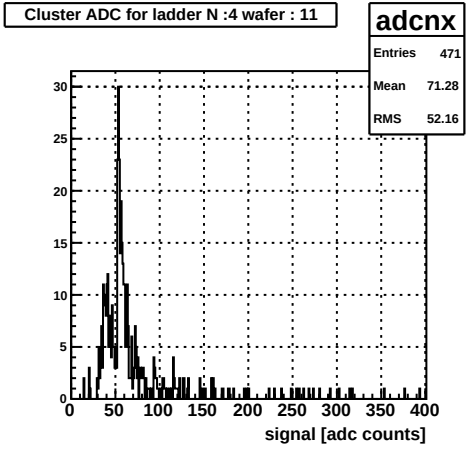

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16913
Mean 24.92
RMS 14.24
signal [adc counts]

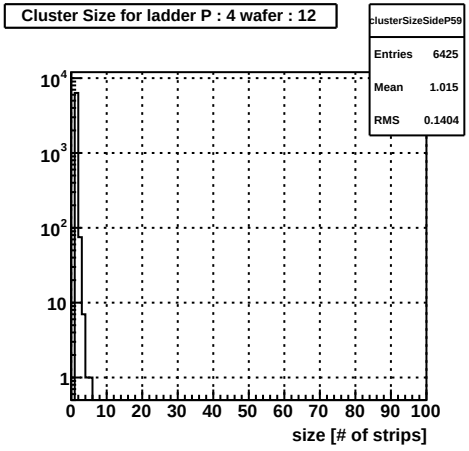

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 278
Mean 1.115
RMS 0.5507
size [# of strips]

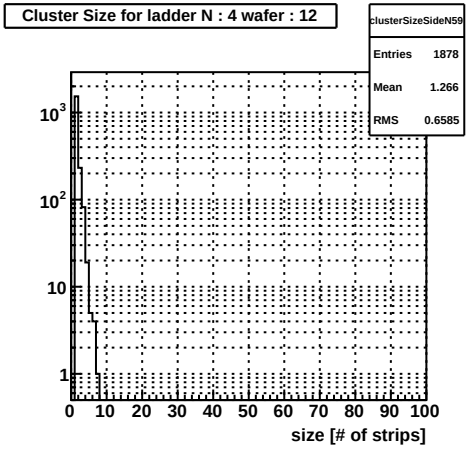

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 471
Mean 1.195
RMS 0.6741
size [# of strips]

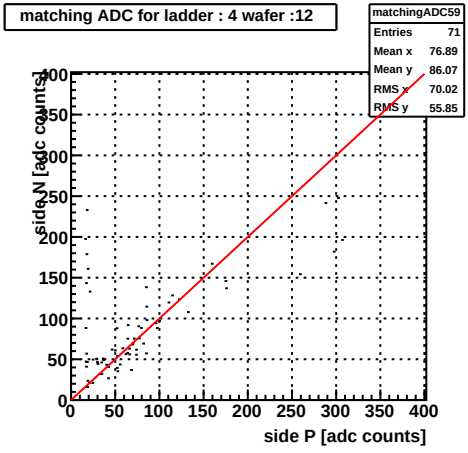

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 78
Mean y 83
RMS x 55
RMS y 4
side N [adc counts]
side P [adc counts]

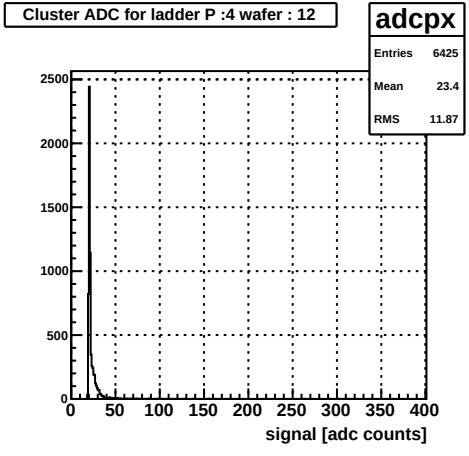

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 278
Mean 31.5
RMS 24.01
signal [adc counts]

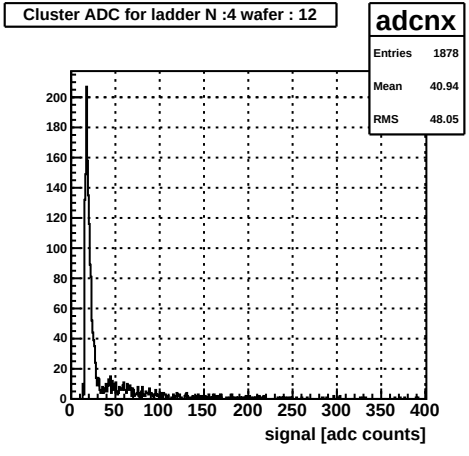

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 471
Mean 71.28
RMS 52.16
signal [adc counts]

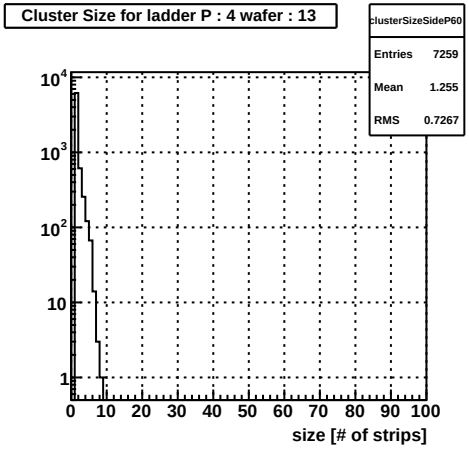

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6425
Mean 1.015
RMS 0.1404
size [# of strips]

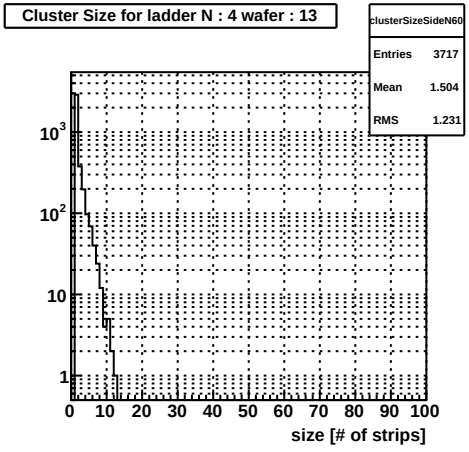

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1878
Mean 1.266
RMS 0.6585
size [# of strips]

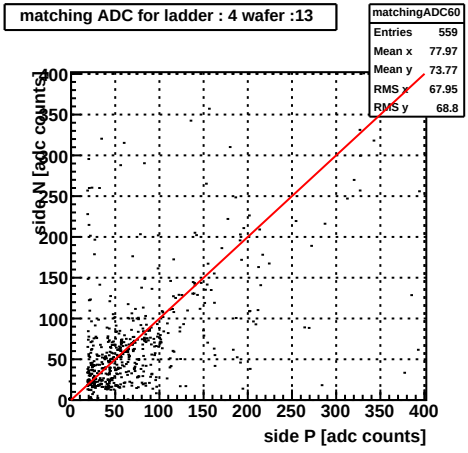

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 71
Mean x 76.89
Mean y 86.07
RMS x 70.02
RMS y 55.85
side N [adc counts]
side P [adc counts]

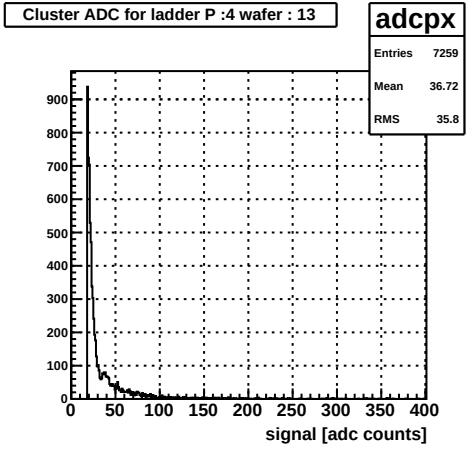

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6425
Mean 23.4
RMS 11.87
signal [adc counts]

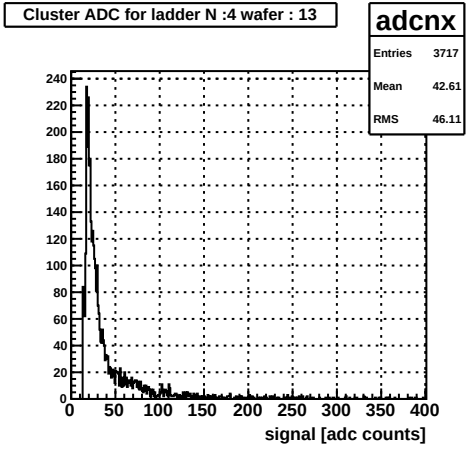

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1878
Mean 40.94
RMS 48.05
signal [adc counts]

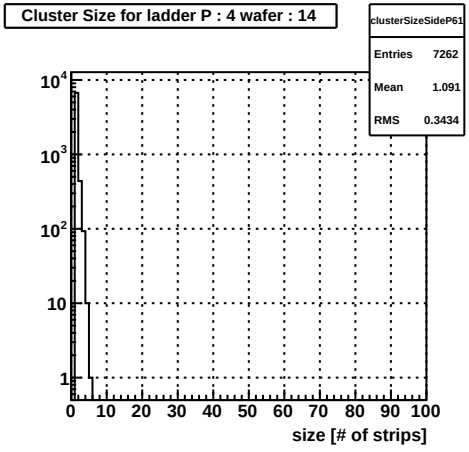

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7259
Mean 1.255
RMS 0.7267
size [# of strips]

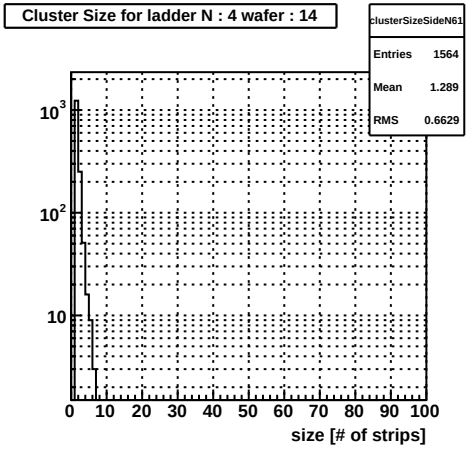

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 3717
Mean 1.504
RMS 1.231
size [# of strips]

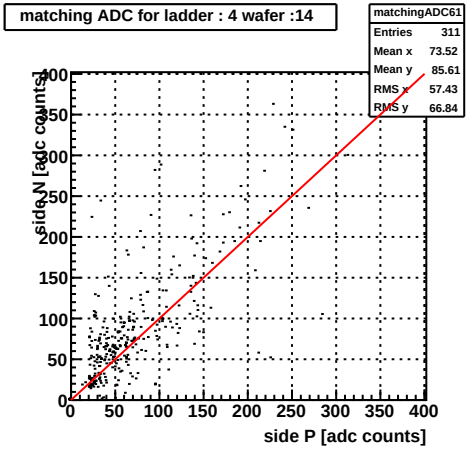

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 559
Mean x 77.97
Mean y 73.77
RMS x 67.95
RMS y 68.8
side N [adc counts]
side P [adc counts]

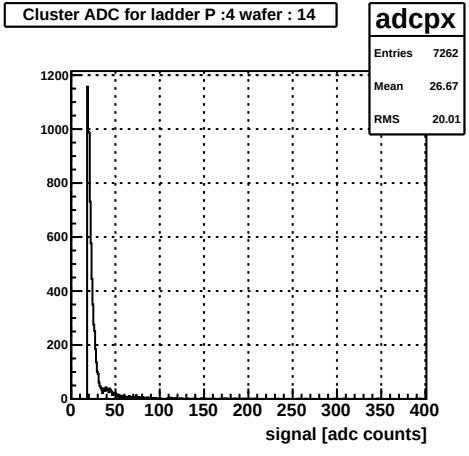

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7259
Mean 36.72
RMS 35.8
signal [adc counts]

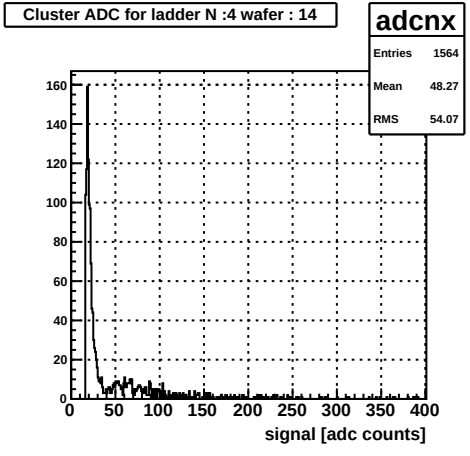

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 3717
Mean 42.61
RMS 46.11
signal [adc counts]

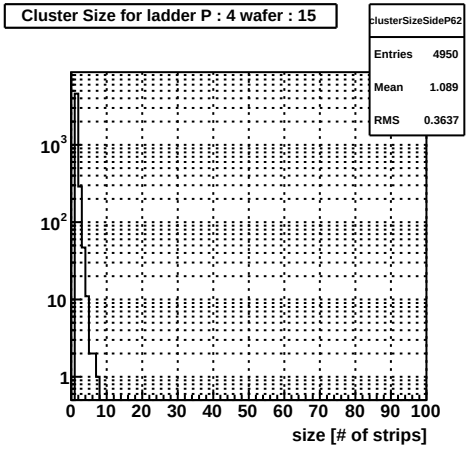

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7262
Mean 1.091
RMS 0.3434
size [# of strips]

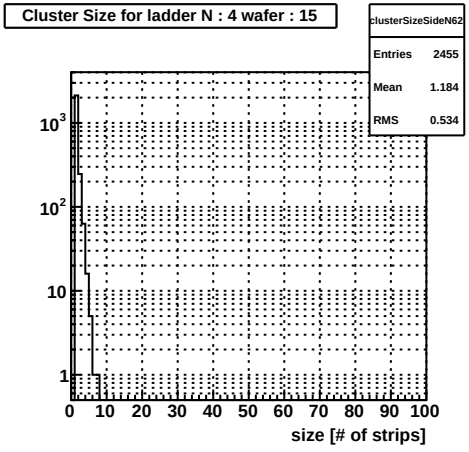

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1564
Mean 1.289
RMS 0.6629
size [# of strips]

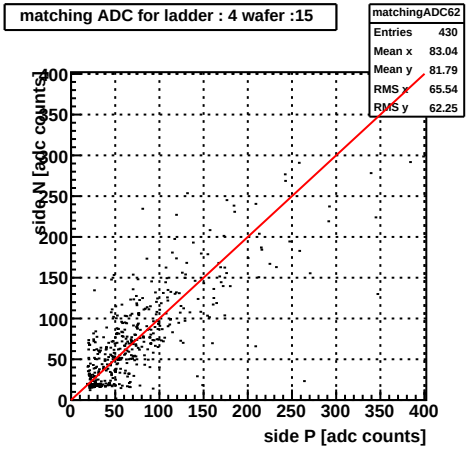

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 311
Mean x 73.52
Mean y 85.61
RMS x 57.43
RMS y 66.84
side N [adc counts]
side P [adc counts]

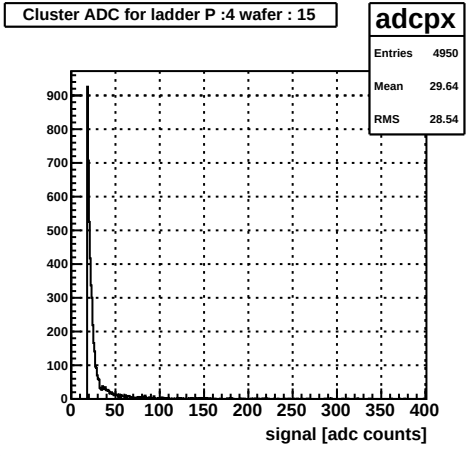

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7262
Mean 26.67
RMS 20.01
signal [adc counts]

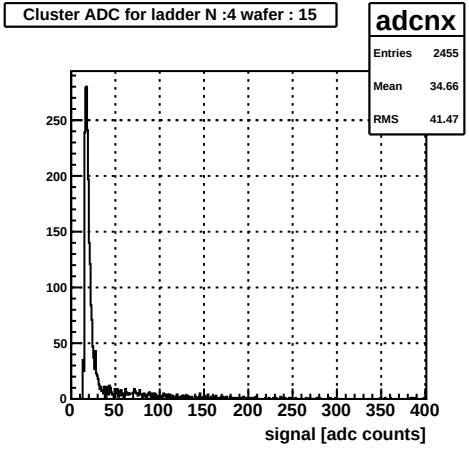

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1564
Mean 48.27
RMS 54.07
signal [adc counts]

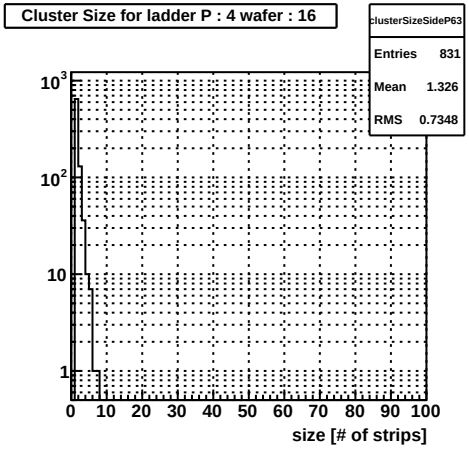

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4950
Mean 1.089
RMS 0.3637
size [# of strips]

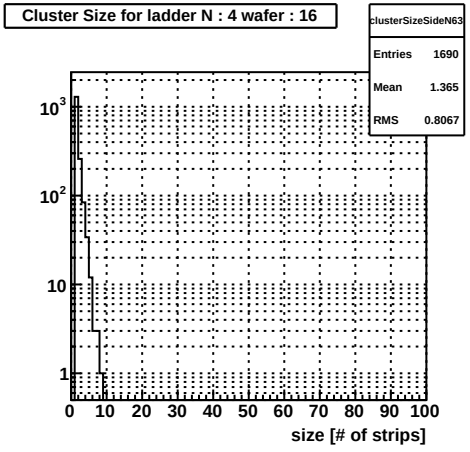

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2455
Mean 1.184
RMS 0.534
size [# of strips]

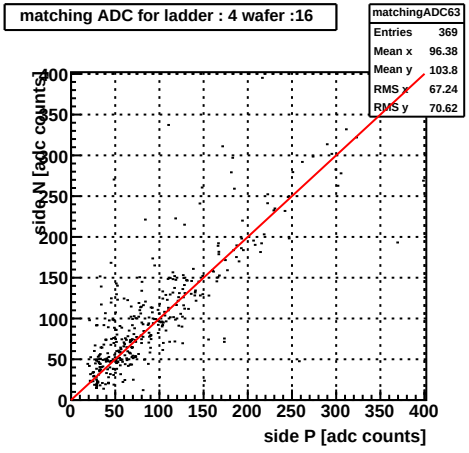

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 430
Mean x 83.04
Mean y 81.79
RMS x 65.54
RMS y 62.25
side N [adc counts]
side P [adc counts]

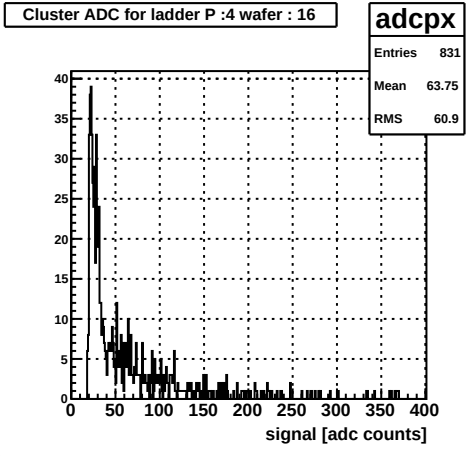

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4950
Mean 29.64
RMS 28.54
signal [adc counts]

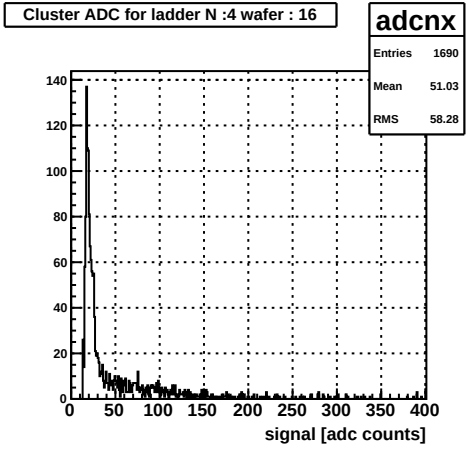

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2455
Mean 34.66
RMS 41.47
signal [adc counts]

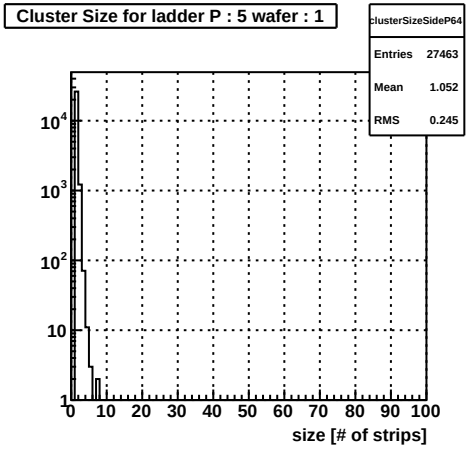

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 831
Mean 1.326
RMS 0.7348
size [# of strips]

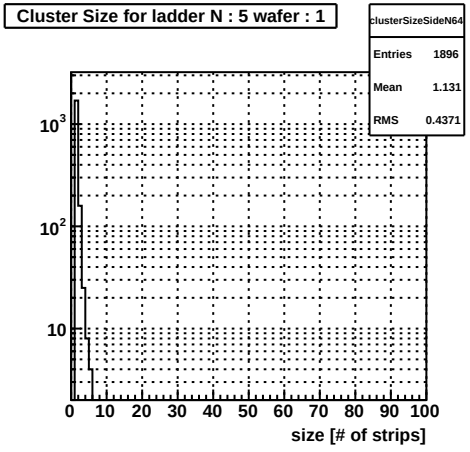

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1690
Mean 1.365
RMS 0.8067
size [# of strips]

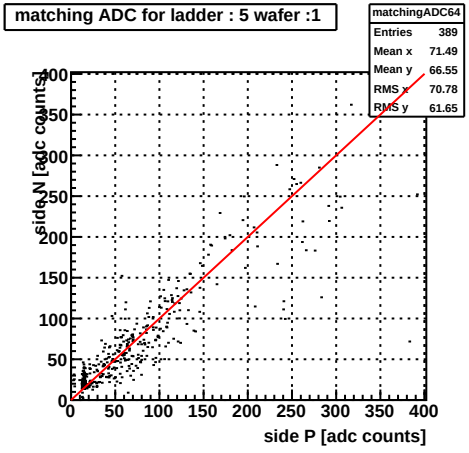

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 369
Mean x 96.38
Mean y 103.8
RMS x 67.24
RMS y 70.62
side N [adc counts]
side P [adc counts]

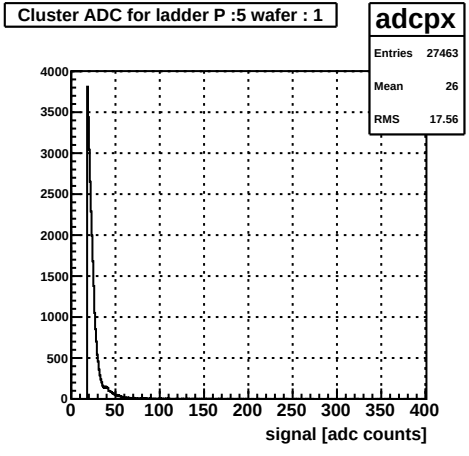

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 831
Mean 63.75
RMS 60.9
signal [adc counts]

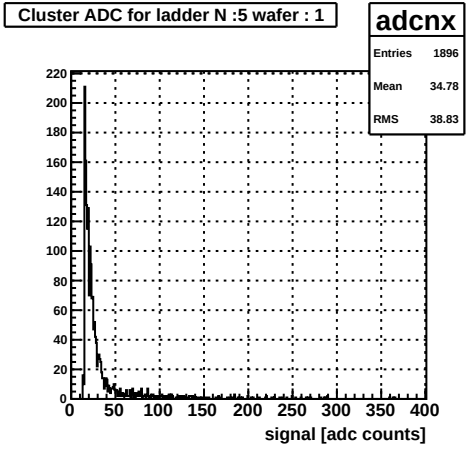

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1690
Mean 51.03
RMS 58.28
signal [adc counts]

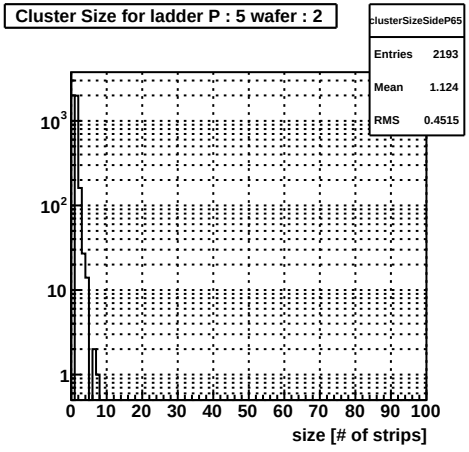

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 27463
Mean 1.052
RMS 0.245
size [# of strips]

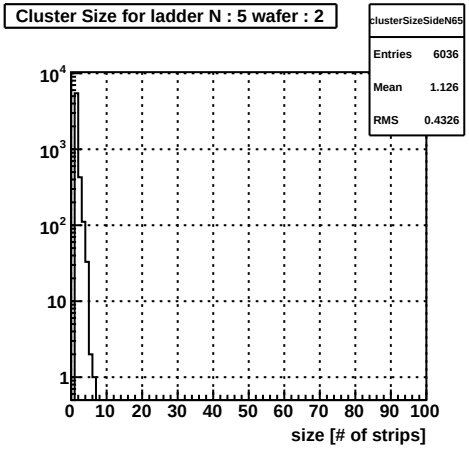

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1896
Mean 1.131
RMS 0.4371
size [# of strips]

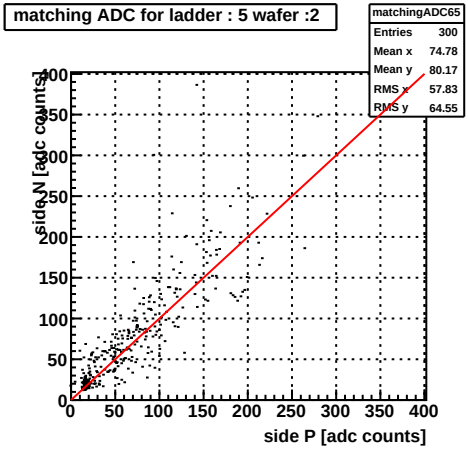

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 389
Mean x 71.49
Mean y 66.55
RMS x 70.78
RMS y 61.65
side N [adc counts]
side P [adc counts]

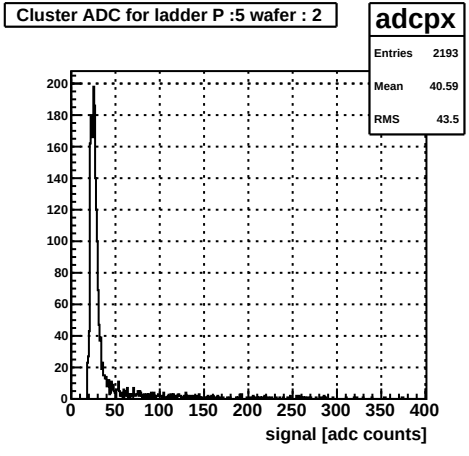

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 27463
Mean 26
RMS 17.56
signal [adc counts]

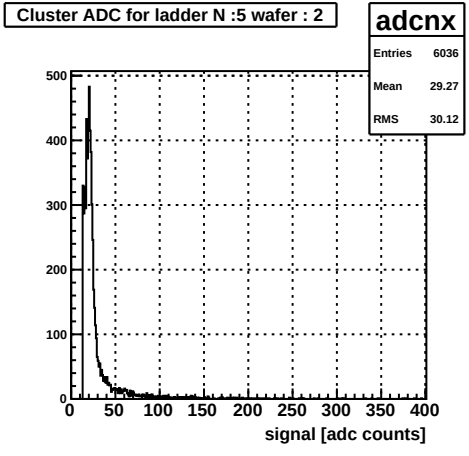

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1896
Mean 34.78
RMS 38.83
signal [adc counts]

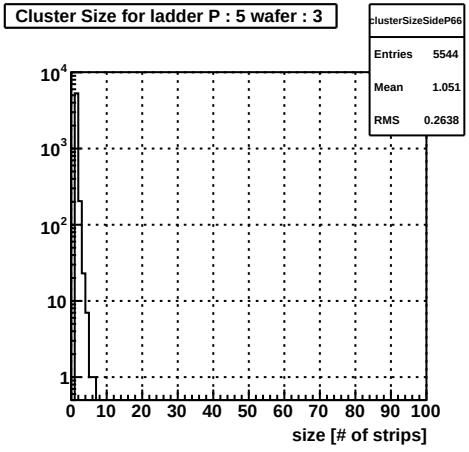

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2193
Mean 1.124
RMS 0.4515
size [# of strips]

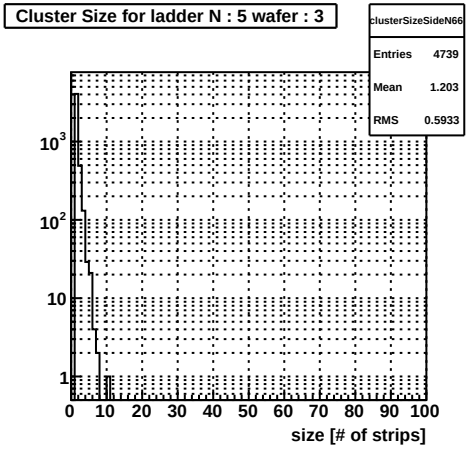

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 6036
Mean 1.126
RMS 0.4326
size [# of strips]

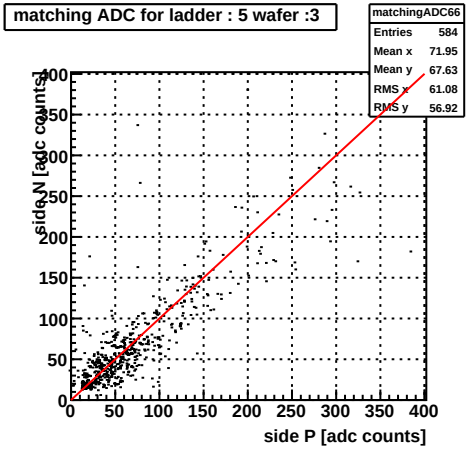

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 300
Mean x 74.78
Mean y 80.17
RMS x 57.83
RMS y 64.55
side N [adc counts]
side P [adc counts]

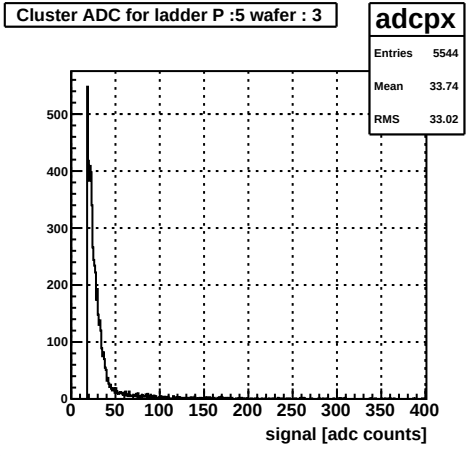

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2193
Mean 40.59
RMS 43.5
signal [adc counts]

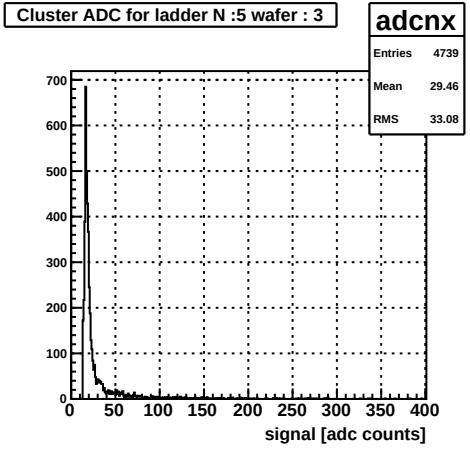

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 6036
Mean 29.27
RMS 30.12
signal [adc counts]

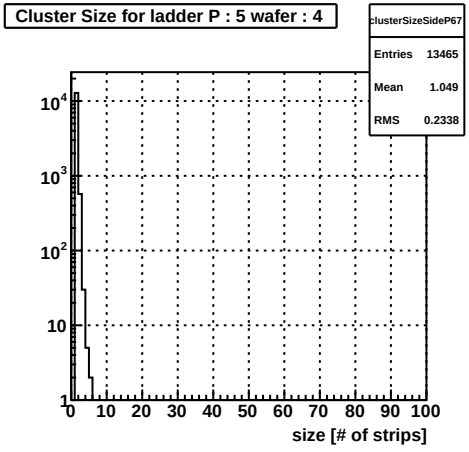

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5544
Mean 1.051
RMS 0.2638
size [# of strips]

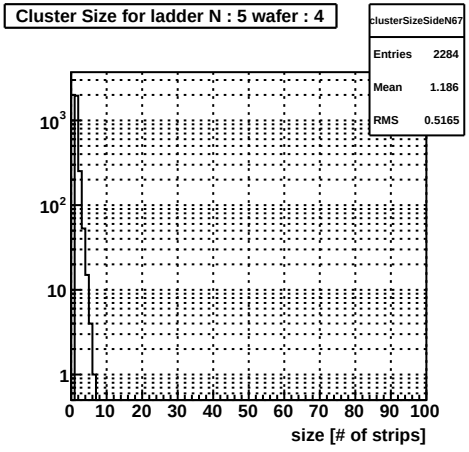

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4739
Mean 1.203
RMS 0.5933
size [# of strips]

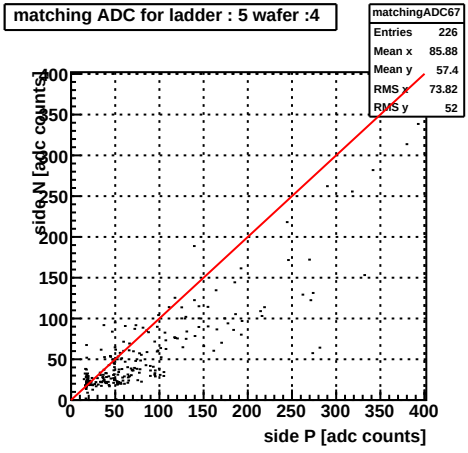

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 584
Mean x 71.95
Mean y 67.63
RMS x 61.08
RMS y 56.92
side N [adc counts]
side P [adc counts]

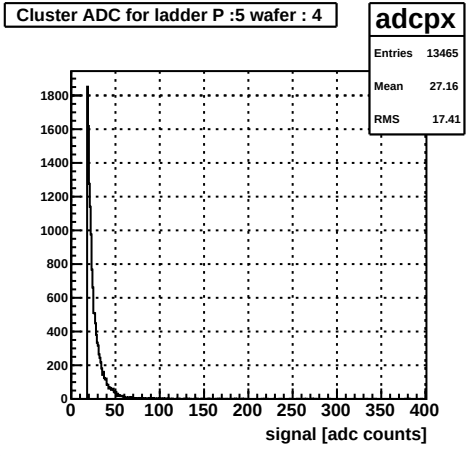

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5544
Mean 33.74
RMS 33.02
signal [adc counts]

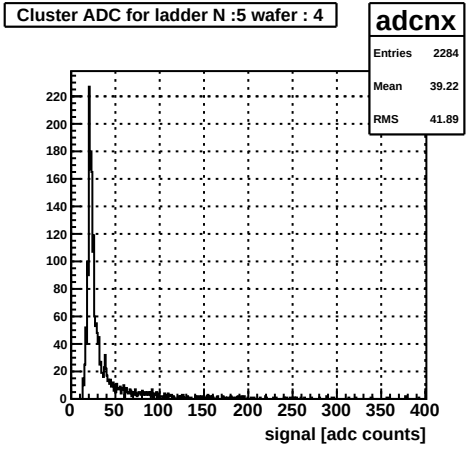

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4739
Mean 29.46
RMS 33.08
signal [adc counts]

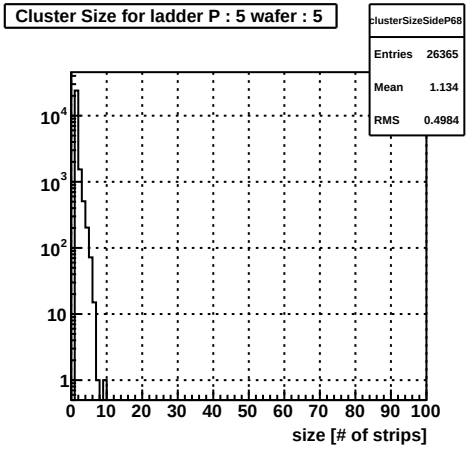

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 13465
Mean 1.049
RMS 0.2338
size [# of strips]

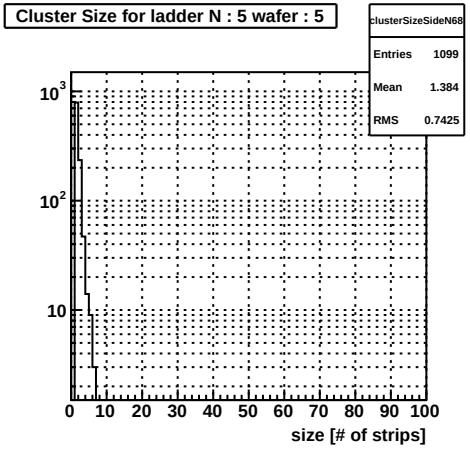

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2284
Mean 1.186
RMS 0.5165
size [# of strips]

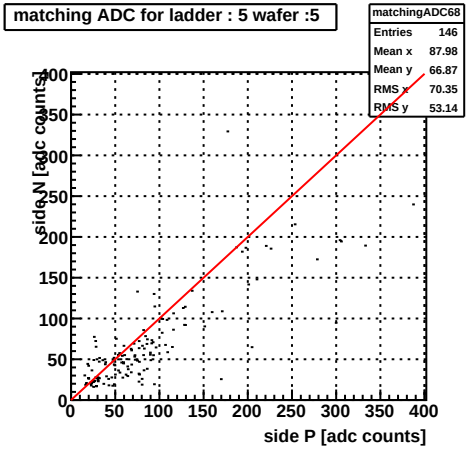

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 226
Mean x 85.88
Mean y 57.4
RMS x 73.82
RMS y 52
side N [adc counts]
side P [adc counts]

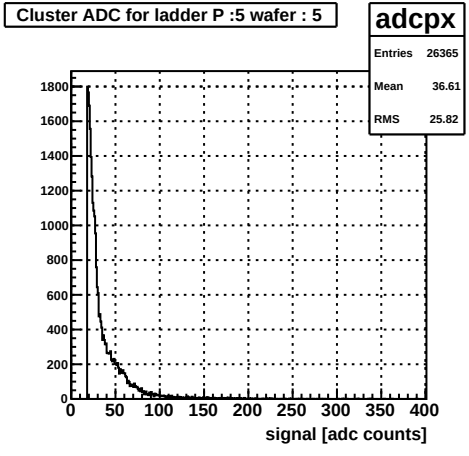

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 13465
Mean 27.16
RMS 17.41
signal [adc counts]

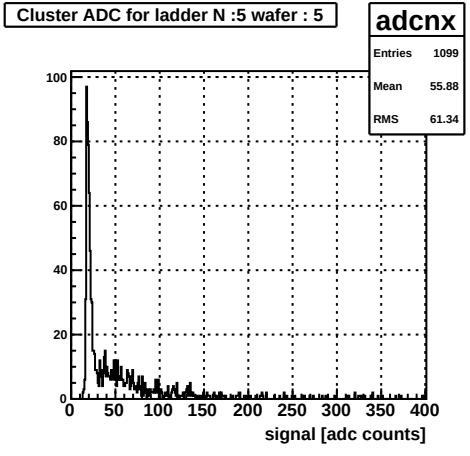

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2284
Mean 39.22
RMS 41.89
signal [adc counts]

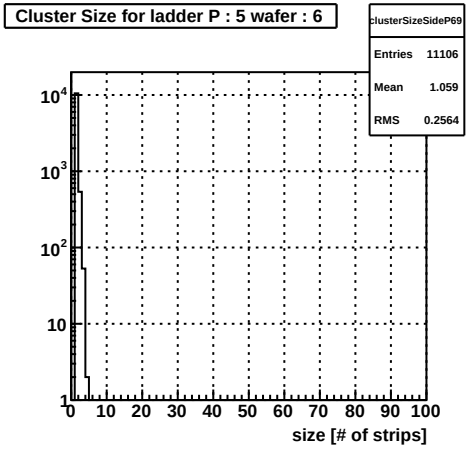

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 26365
Mean 1.134
RMS 0.4984
size [# of strips]

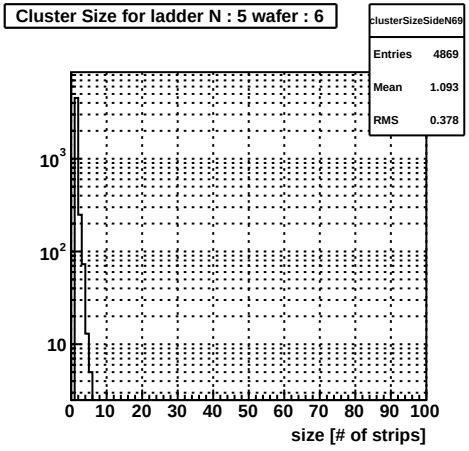

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1099
Mean 1.384
RMS 0.7425
size [# of strips]

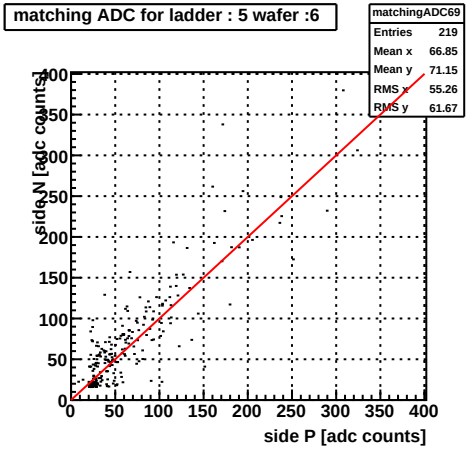

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 146
Mean x 87.98
Mean y 66.87
RMS x 70.35
RMS y 53.14
side N [adc counts]
side P [adc counts]

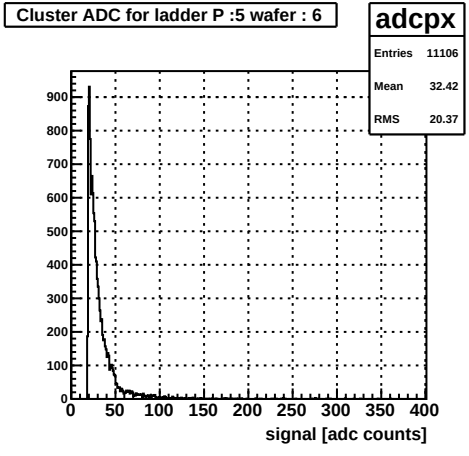

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 26365
Mean 36.61
RMS 25.82
signal [adc counts]

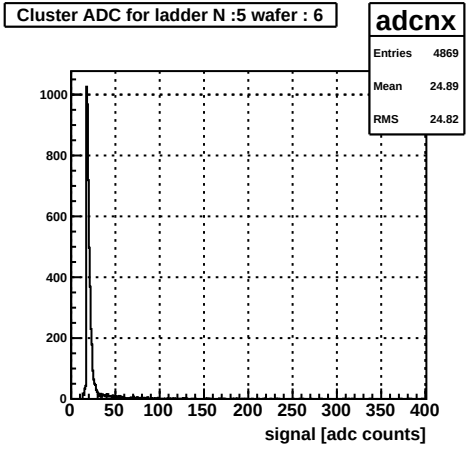

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1099
Mean 55.88
RMS 61.34
signal [adc counts]

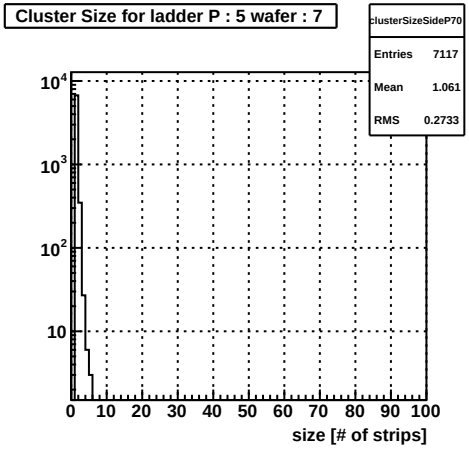

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11106
Mean 1.059
RMS 0.2564
size [# of strips]

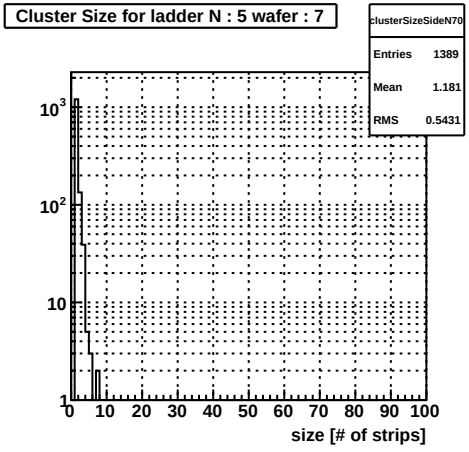

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4869
Mean 1.093
RMS 0.378
size [# of strips]

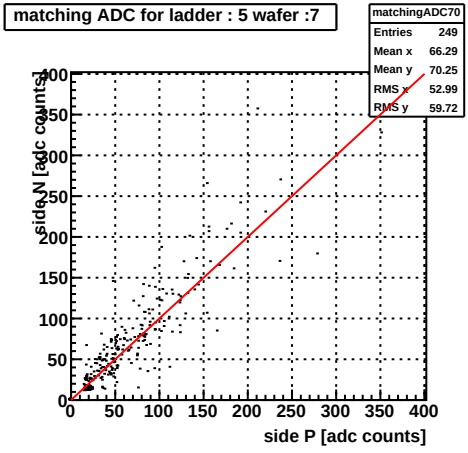

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 219
Mean x 66.85
Mean y 71.15
RMS x 55.26
RMS y 61.67
side N [adc counts]
side P [adc counts]

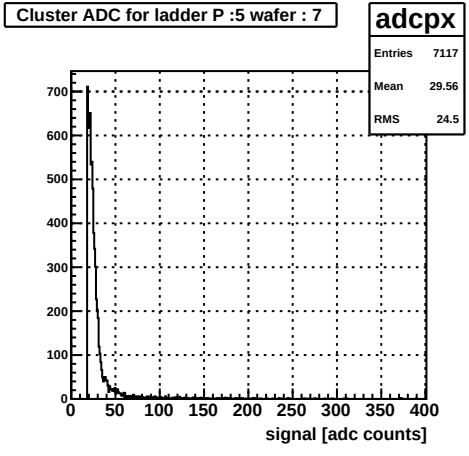

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11106
Mean 32.42
RMS 20.37
signal [adc counts]

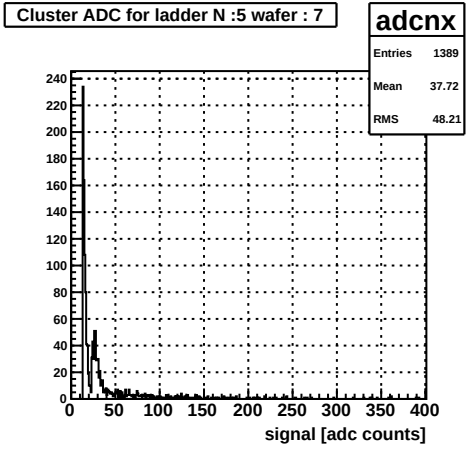

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4869
Mean 24.89
RMS 24.82
signal [adc counts]

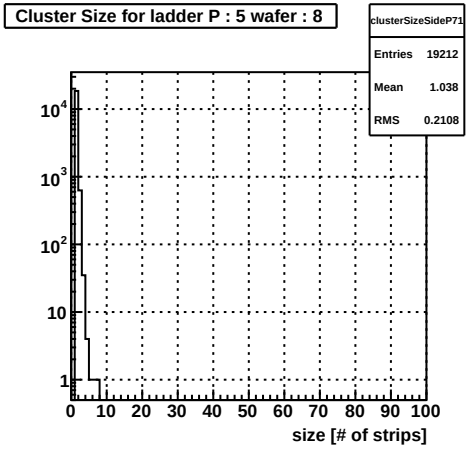

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7117
Mean 1.061
RMS 0.2733
size [# of strips]

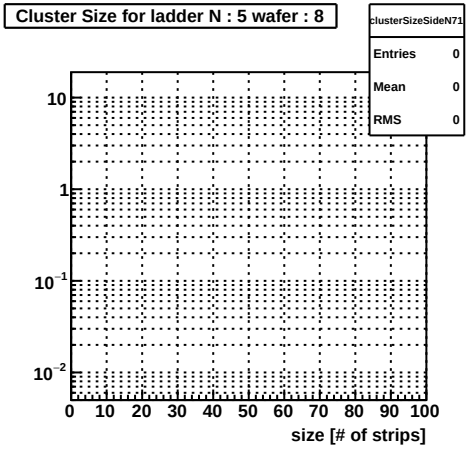

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1389
Mean 1.181
RMS 0.5431
size [# of strips]

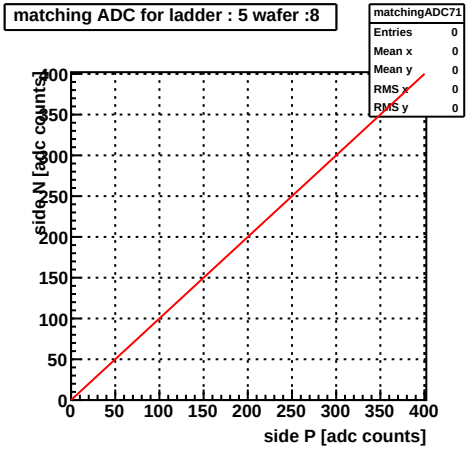

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 249
Mean x 66.29
Mean y 70.25
RMS x 52.99
RMS y 59.72
side N [adc counts]
side P [adc counts]

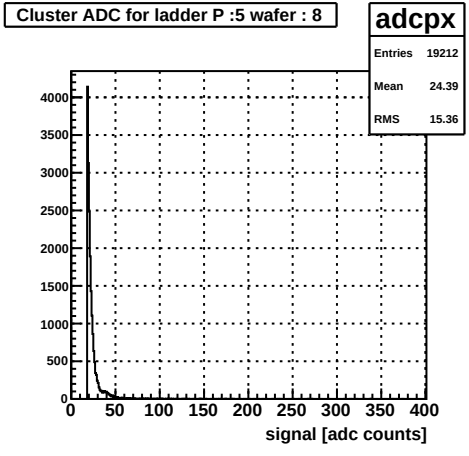

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7117
Mean 29.56
RMS 24.5
signal [adc counts]

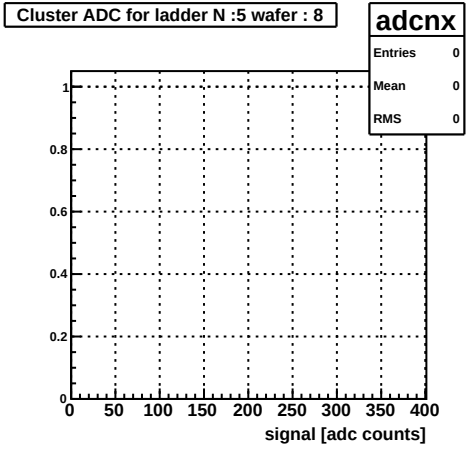

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1389
Mean 37.72
RMS 48.21
signal [adc counts]

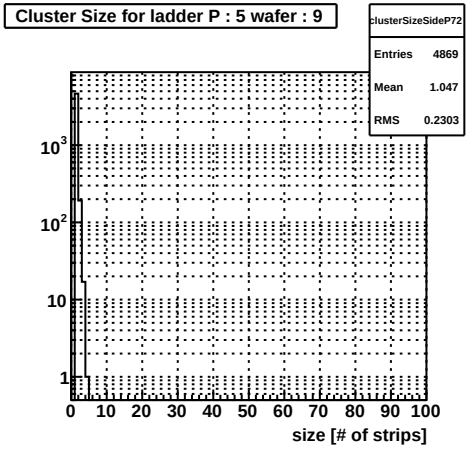

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 19212
Mean 1.038
RMS 0.2108
size [# of strips]

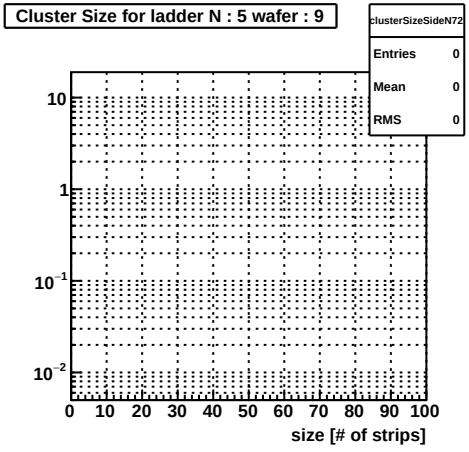

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

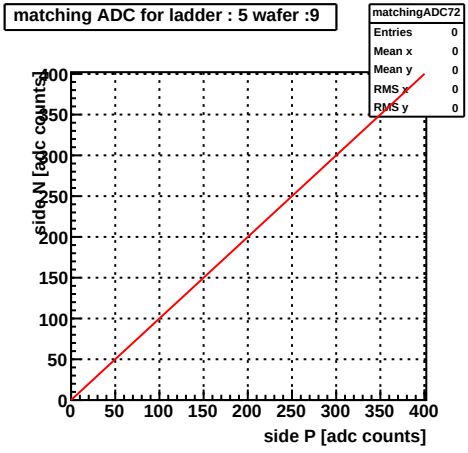

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

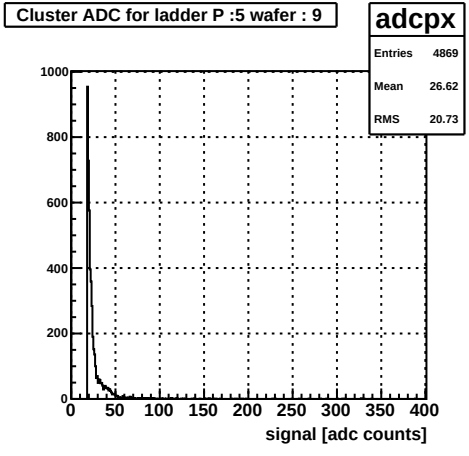

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 19212
Mean 24.39
RMS 15.36
signal [adc counts]

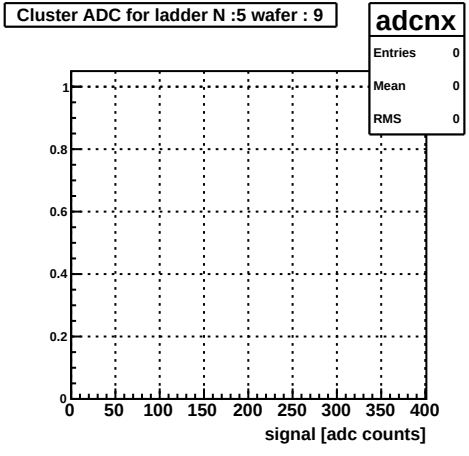

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

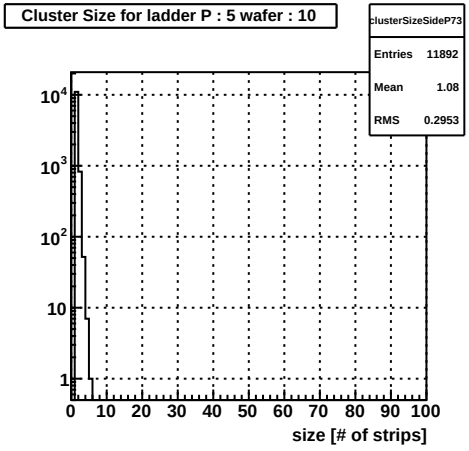

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4869
Mean 1.047
RMS 0.2303
size [# of strips]

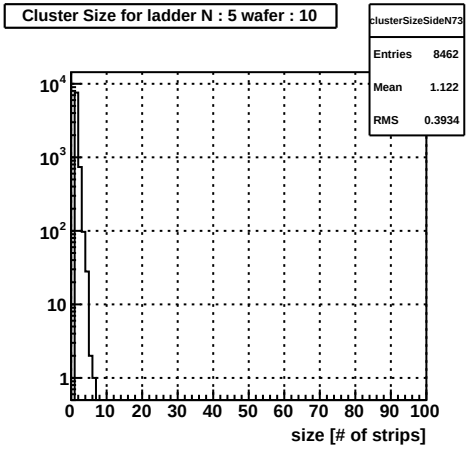

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

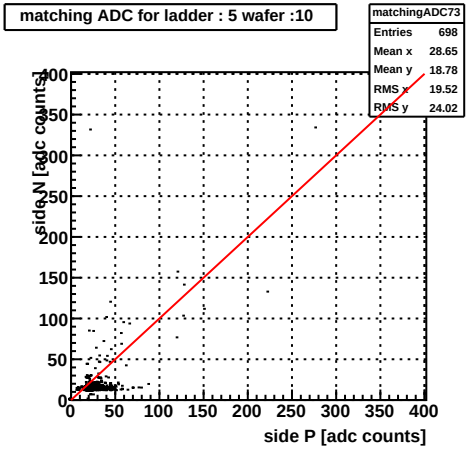

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

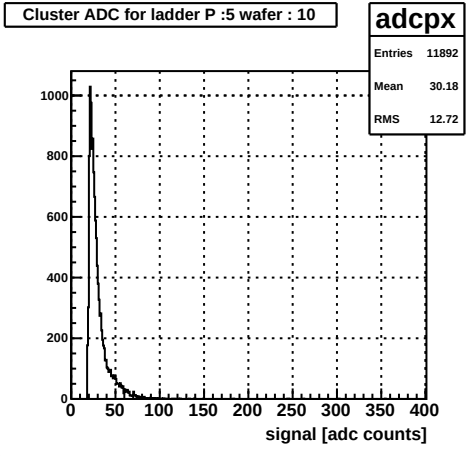

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4869
Mean 26.62
RMS 20.73
signal [adc counts]

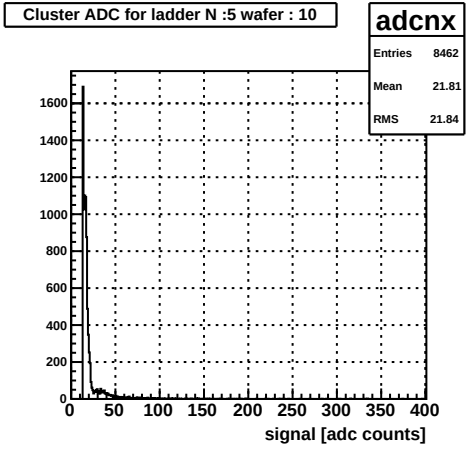

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

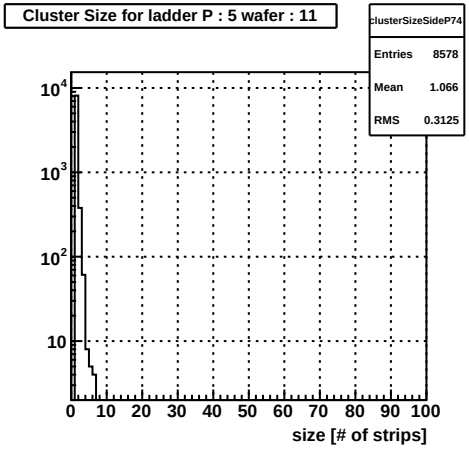

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11892
Mean 1.08
RMS 0.2953
size [# of strips]

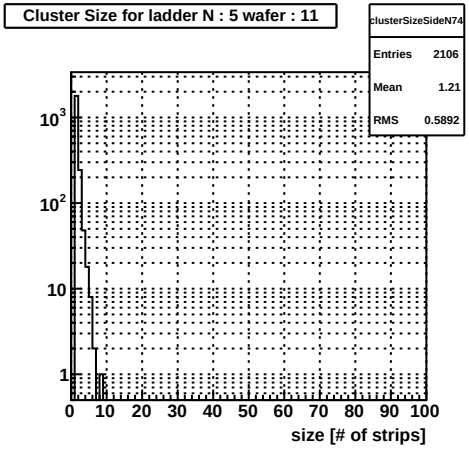

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 8462
Mean 1.122
RMS 0.3934
size [# of strips]

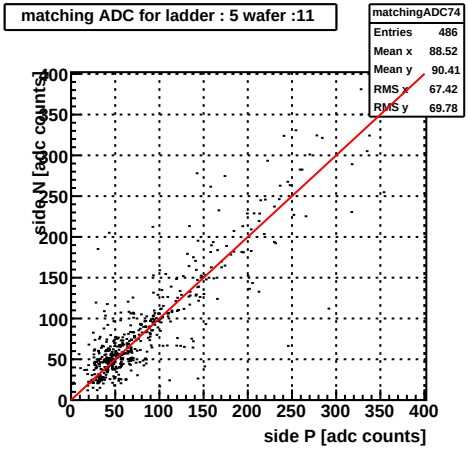

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 698
Mean x 28.65
Mean y 18.78
RMS x 19.52
RMS y 24.02
side N [adc counts]
side P [adc counts]

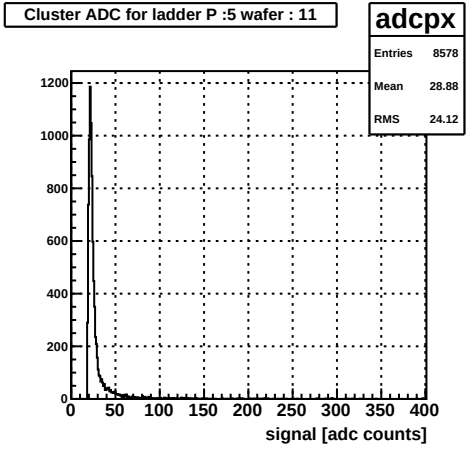

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11892
Mean 30.18
RMS 12.72
signal [adc counts]

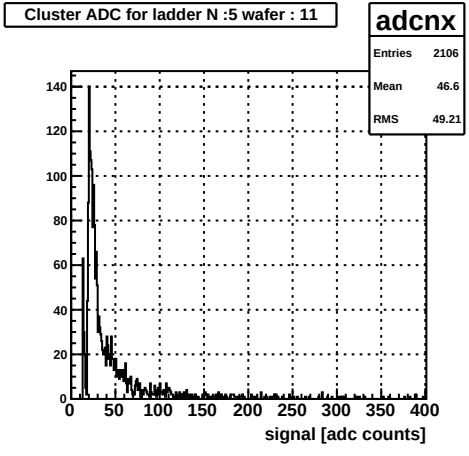

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 8462
Mean 21.81
RMS 21.84
signal [adc counts]

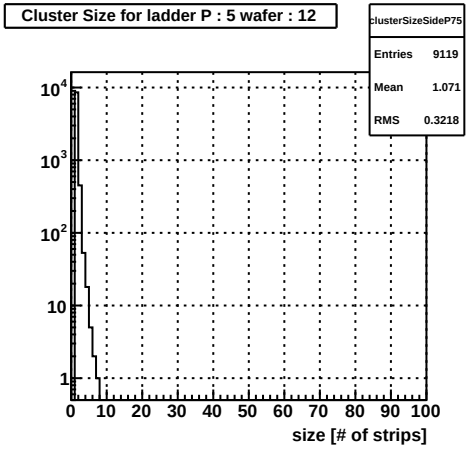

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8578
Mean 1.066
RMS 0.3125
size [# of strips]

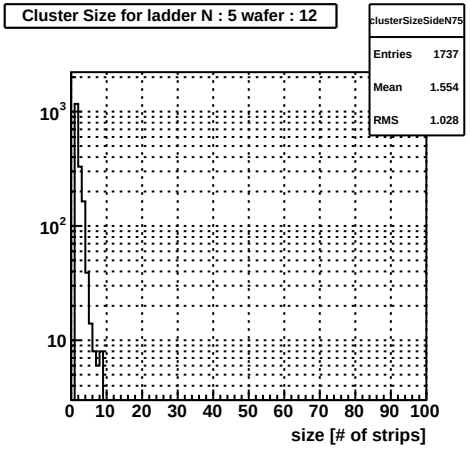

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2106
Mean 1.21
RMS 0.5892
size [# of strips]

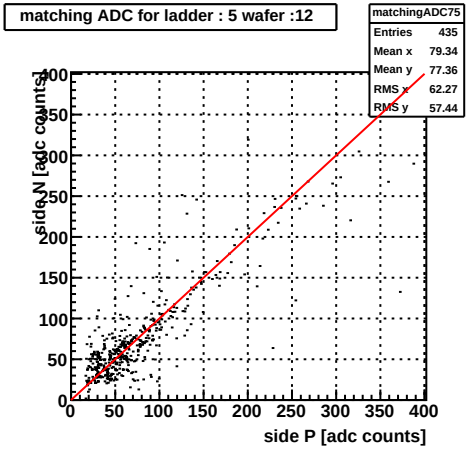

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 486
Mean x 88.52
Mean y 90.41
RMS x 67.42
RMS y 69.78
side N [adc counts]
side P [adc counts]

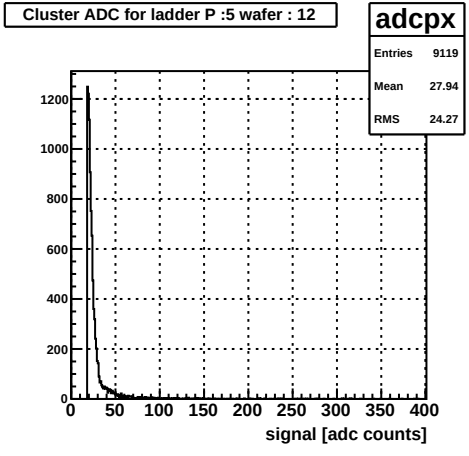

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8578
Mean 28.88
RMS 24.12
signal [adc counts]

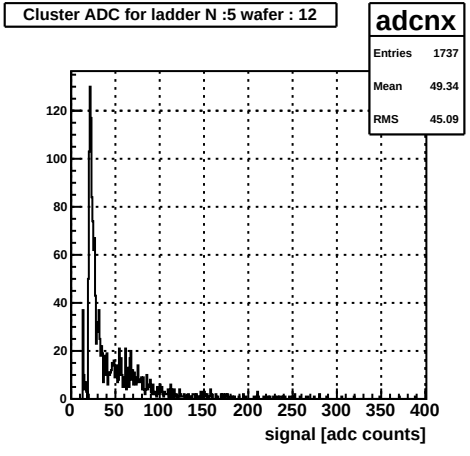

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2106
Mean 46.6
RMS 49.21
signal [adc counts]

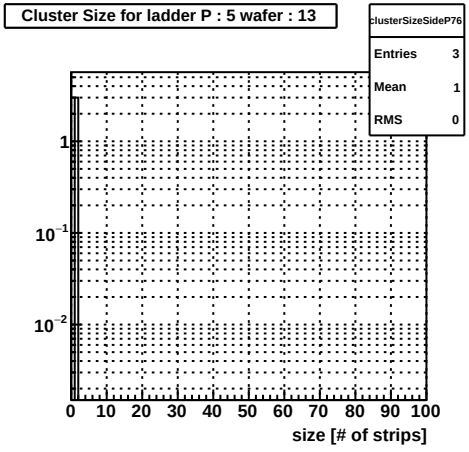

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9119
Mean 1.071
RMS 0.3218
size [# of strips]

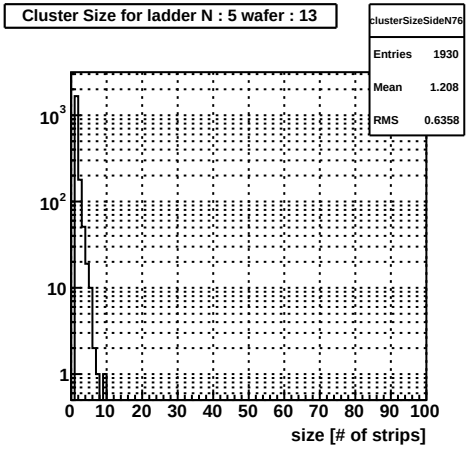

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1737
Mean 1.554
RMS 1.028
size [# of strips]

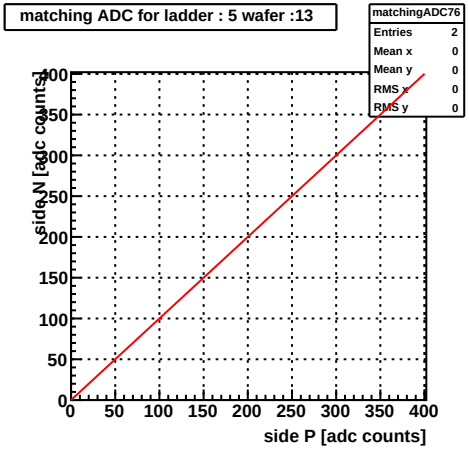

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 435
Mean x 79.34
Mean y 77.36
RMS x 62.27
RMS y 57.44
side N [adc counts]
side P [adc counts]

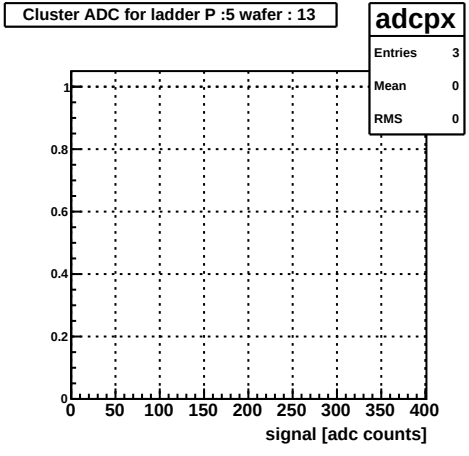

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9119
Mean 27.94
RMS 24.27
signal [adc counts]

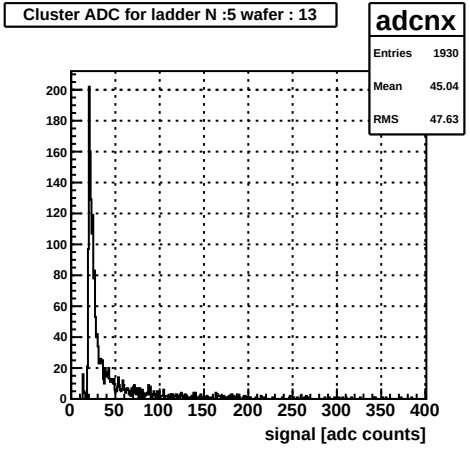

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1737
Mean 49.34
RMS 45.09
signal [adc counts]

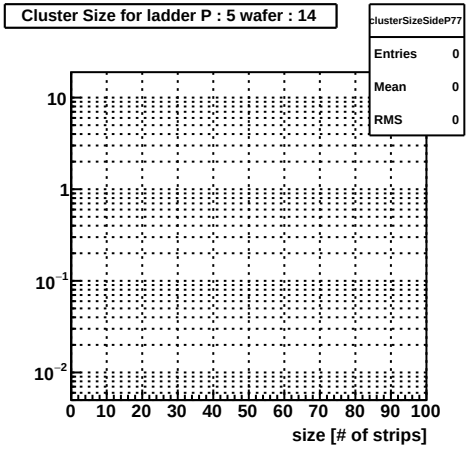

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

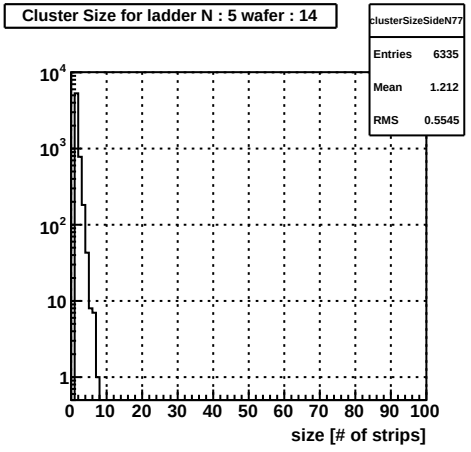

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1930
Mean 1.208
RMS 0.6358
size [# of strips]

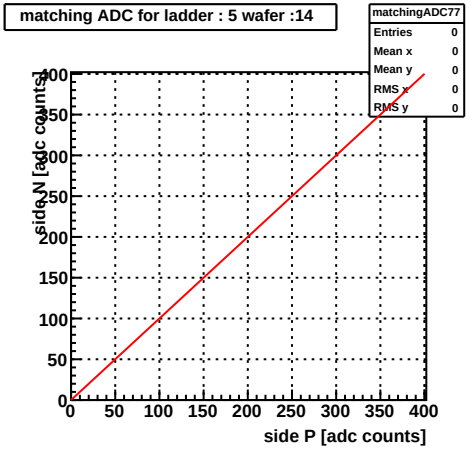

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

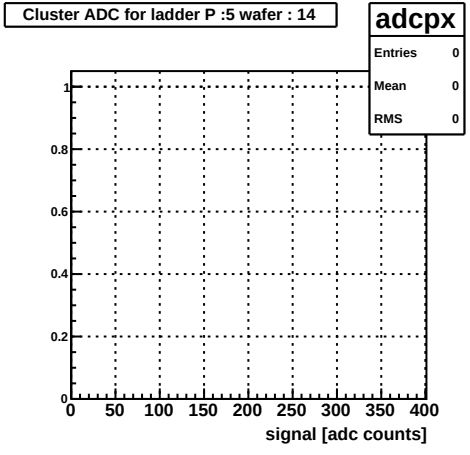

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

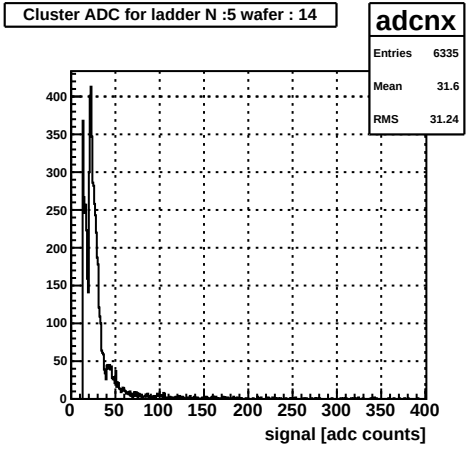

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1930
Mean 45.04
RMS 47.63
signal [adc counts]

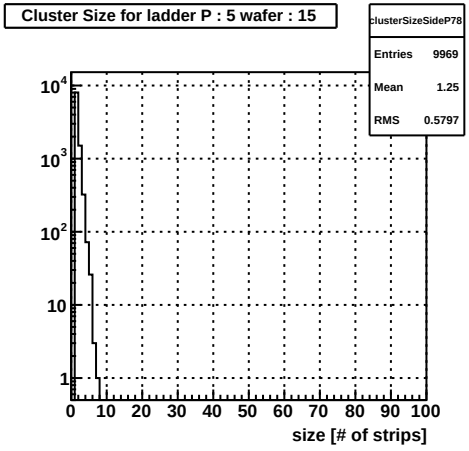

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

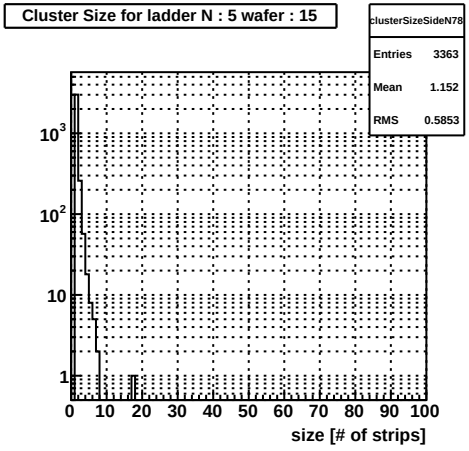

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6335
Mean 1.212
RMS 0.5545
size [# of strips]

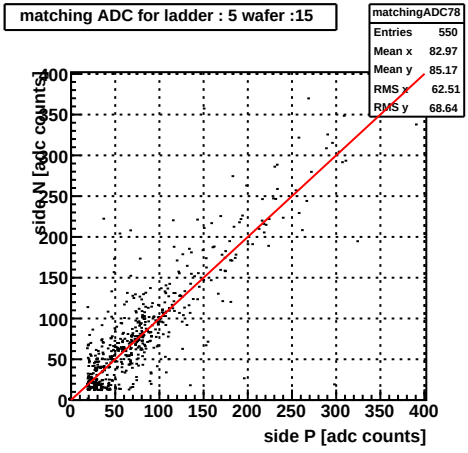

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

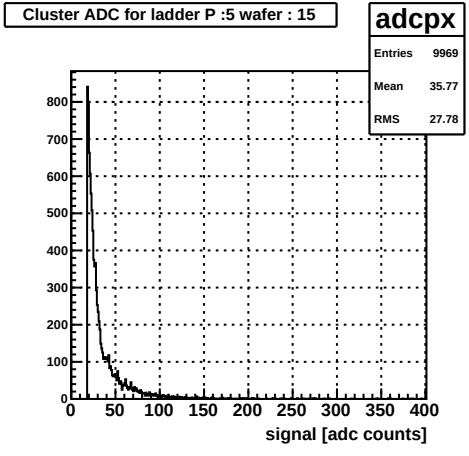

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

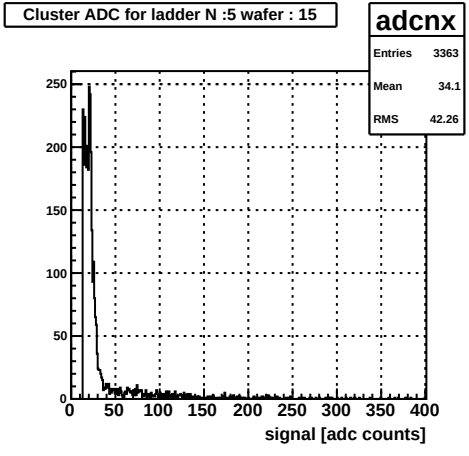

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6335
Mean 31.6
RMS 31.24
signal [adc counts]

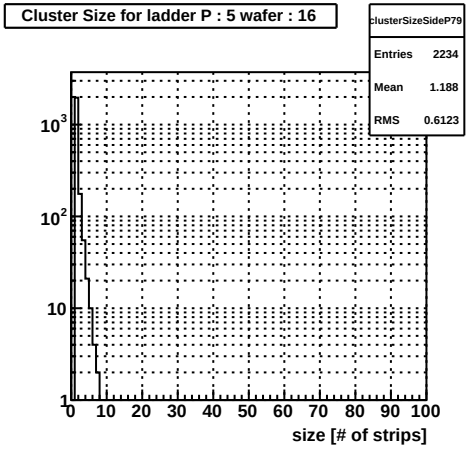

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 9969
Mean 1.25
RMS 0.5797
size [# of strips]

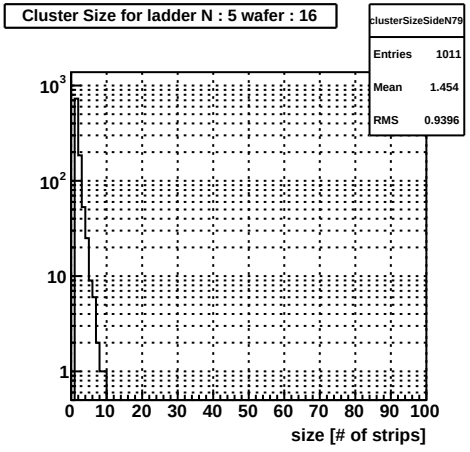

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3363
Mean 1.152
RMS 0.5853
size [# of strips]

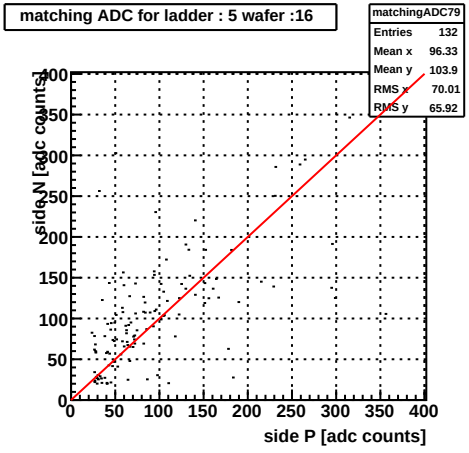

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 550
Mean x 82.97
Mean y 85.17
RMS x 62.51
RMS y 68.64
side N [adc counts]
side P [adc counts]

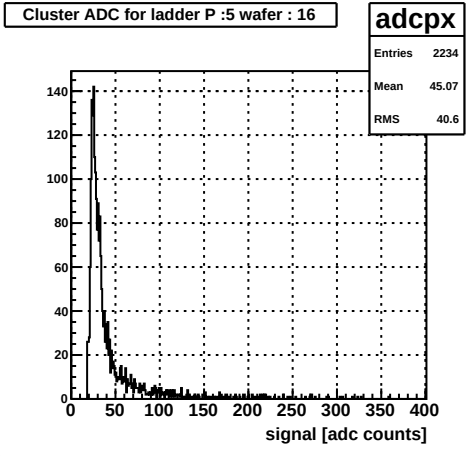

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 9969
Mean 35.77
RMS 27.78
signal [adc counts]

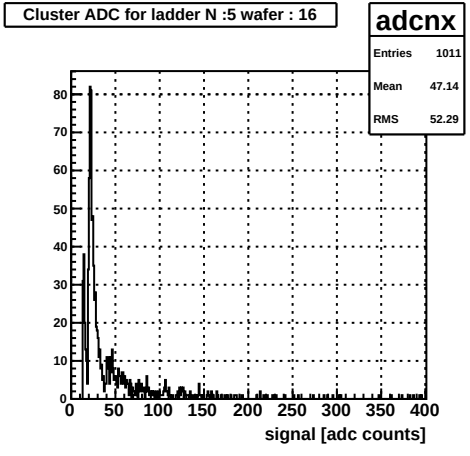

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3363
Mean 34.1
RMS 42.26
signal [adc counts]

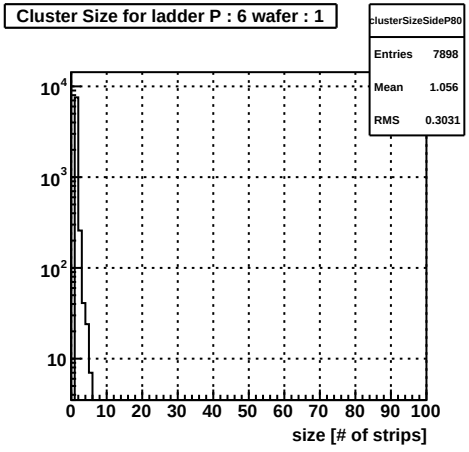

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2234
Mean 1.188
RMS 0.6123
size [# of strips]

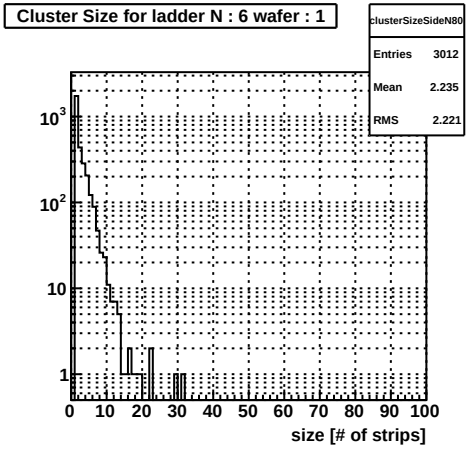

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1011
Mean 1.454
RMS 0.9396
size [# of strips]

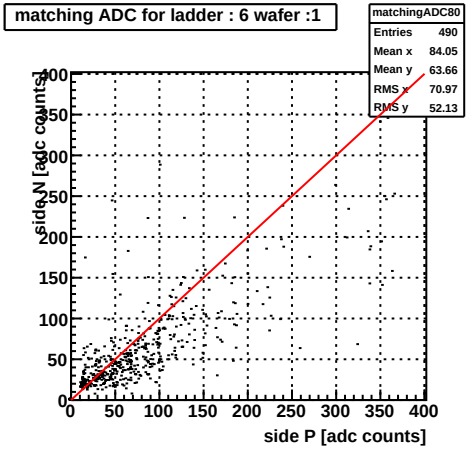

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 132
Mean x 96.33
Mean y 103.9
RMS x 70.01
RMS y 65.92
side N [adc counts]
side P [adc counts]

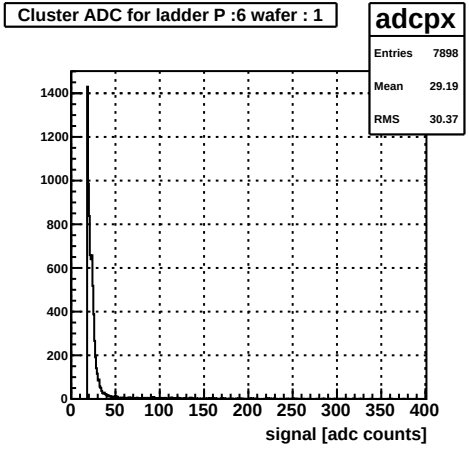

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2234
Mean 45.07
RMS 40.6
signal [adc counts]

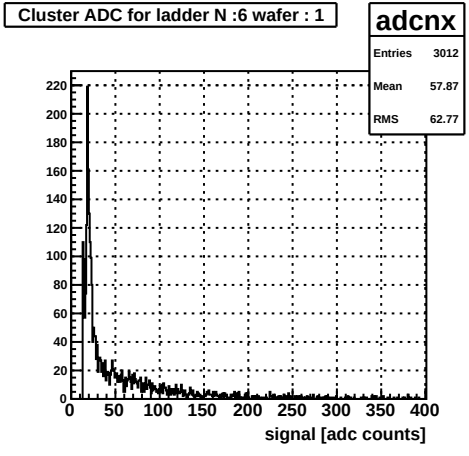

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1011
Mean 47.14
RMS 52.29
signal [adc counts]

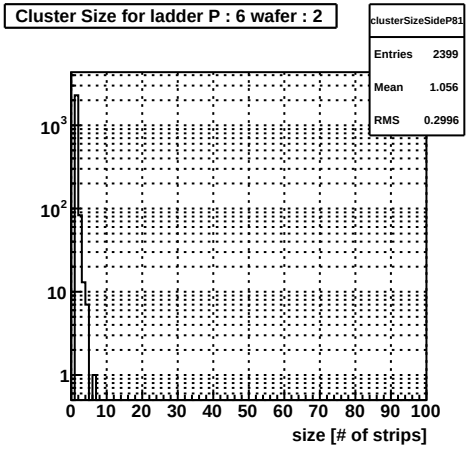

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7898
Mean 1.056
RMS 0.3031
size [# of strips]

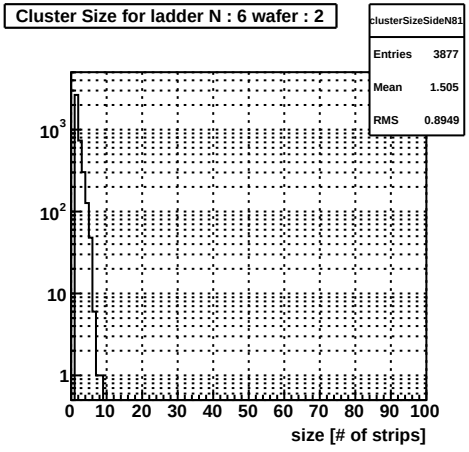

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3012
Mean 2.235
RMS 2.221
size [# of strips]

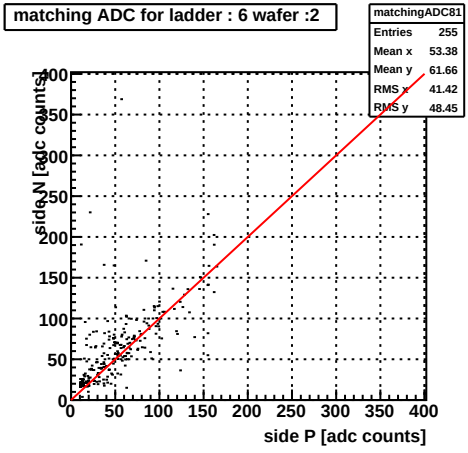

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 490
Mean x 84.05
Mean y 63.66
RMS x 70.97
RMS y 52.13
side N [adc counts]
side P [adc counts]

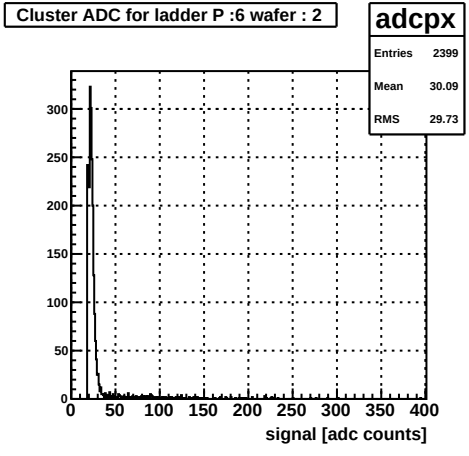

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7898
Mean 29.19
RMS 30.37
signal [adc counts]

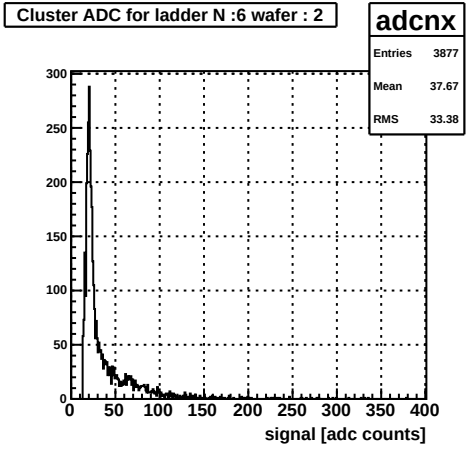

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3012
Mean 57.87
RMS 62.77
signal [adc counts]

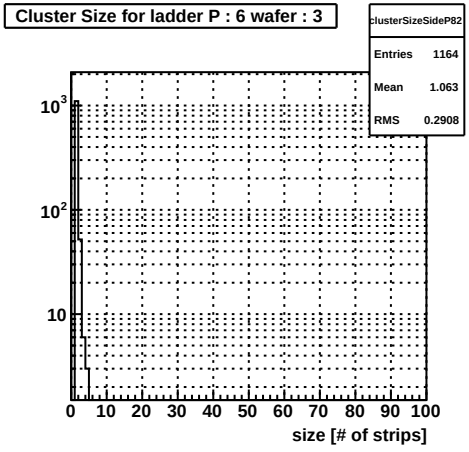

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2399
Mean 1.056
RMS 0.2996
size [# of strips]

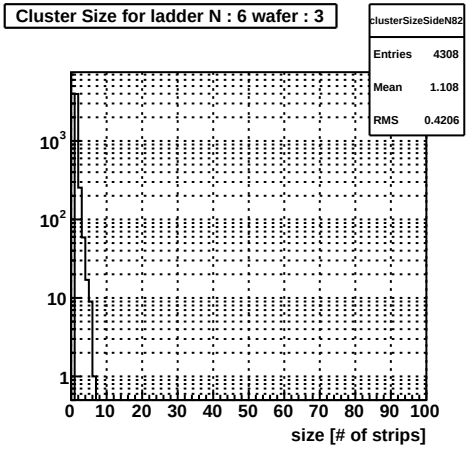

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3877
Mean 1.505
RMS 0.8949
size [# of strips]

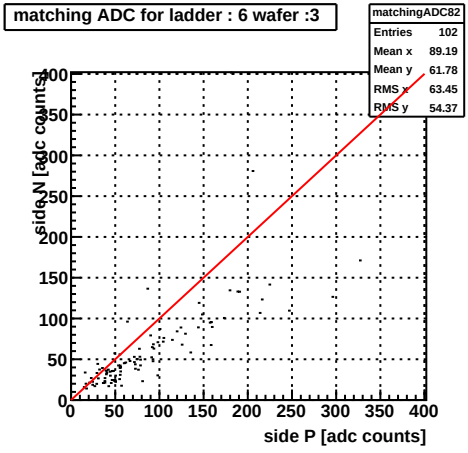

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 255
Mean x 53.38
Mean y 61.66
RMS x 41.42
RMS y 48.45
side N [adc counts]
side P [adc counts]

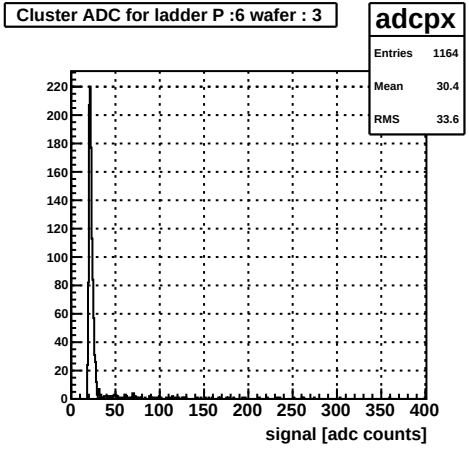

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2399
Mean 30.09
RMS 29.73
signal [adc counts]

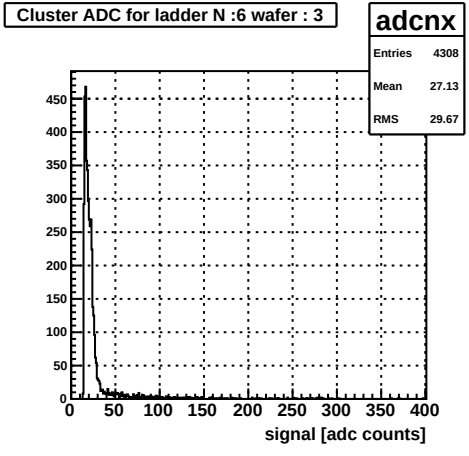

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3877
Mean 37.67
RMS 33.38
signal [adc counts]

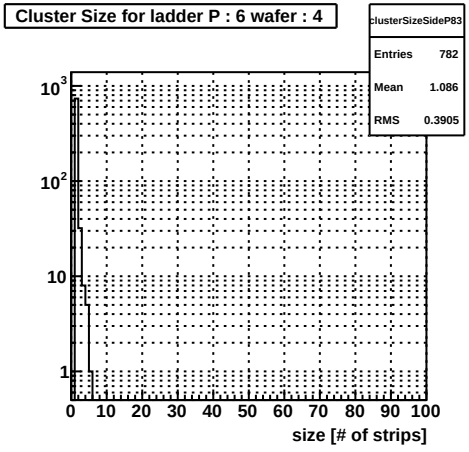

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1164
Mean 1.063
RMS 0.2908
size [# of strips]

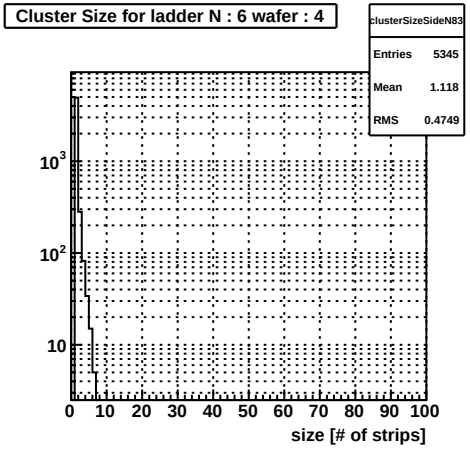

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4308
Mean 1.108
RMS 0.4206
size [# of strips]

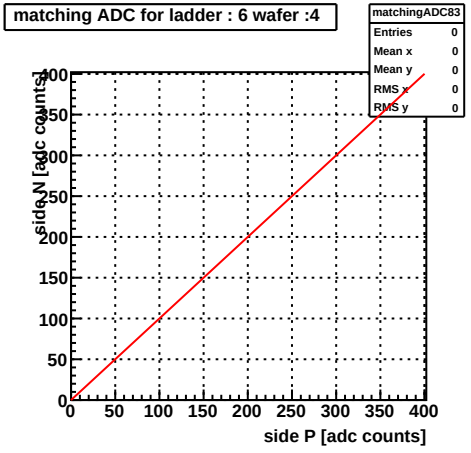

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 102
Mean x 89.19
Mean y 61.78
RMS x 63.45
RMS y 54.37
side N [adc counts]
side P [adc counts]

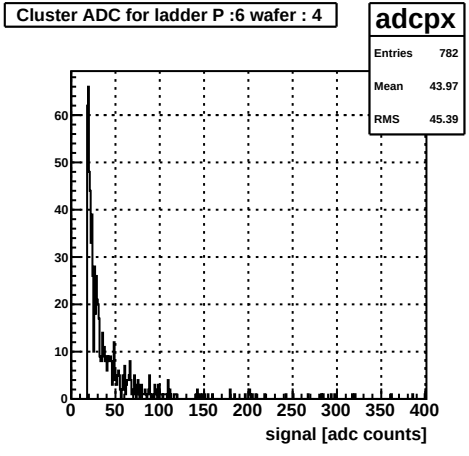

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1164
Mean 30.4
RMS 33.6
signal [adc counts]

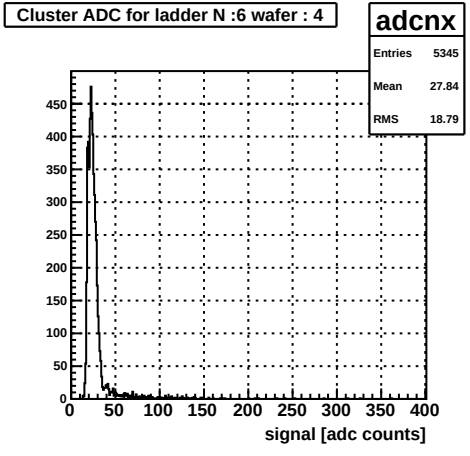

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4308
Mean 27.13
RMS 29.67
signal [adc counts]

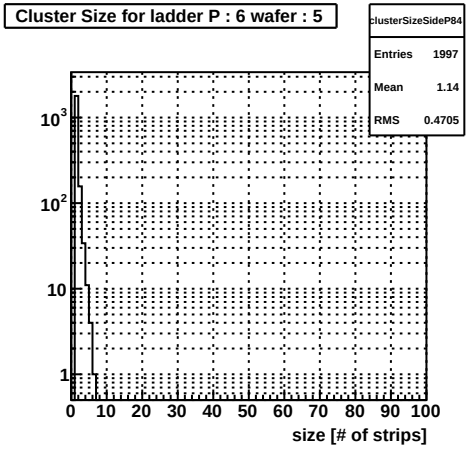

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 782
Mean 1.086
RMS 0.3905
size [# of strips]

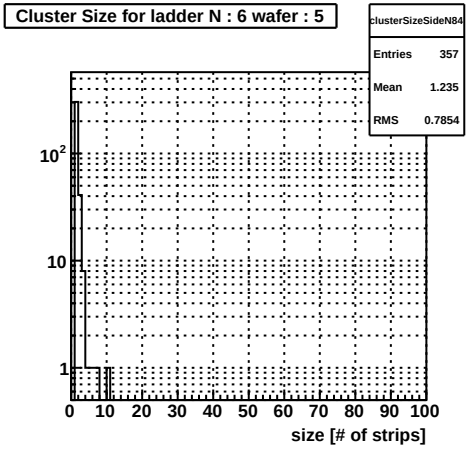

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5345
Mean 1.118
RMS 0.4749
size [# of strips]

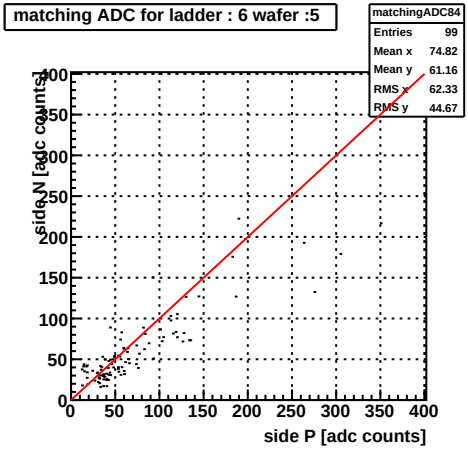

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

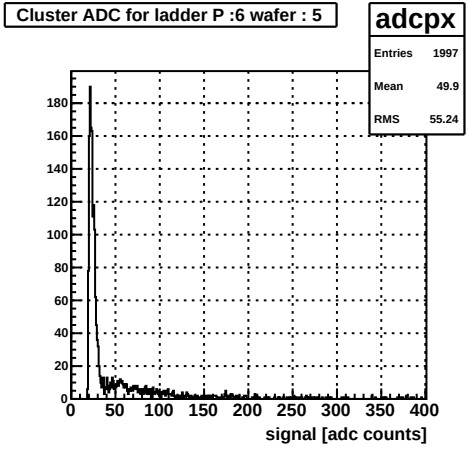

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 782
Mean 43.97
RMS 45.39
signal [adc counts]

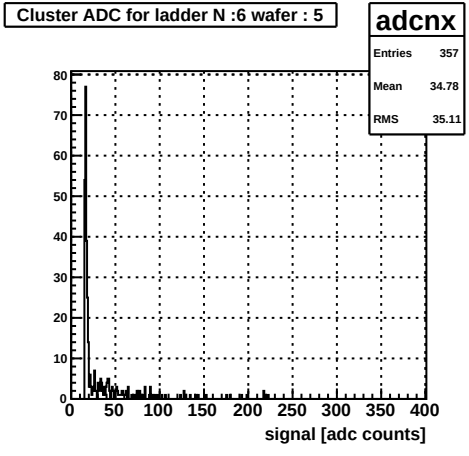

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5345
Mean 27.84
RMS 18.79
signal [adc counts]

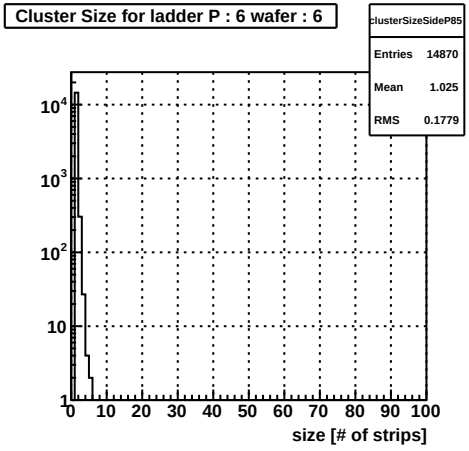

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1997
Mean 1.14
RMS 0.4705
size [# of strips]

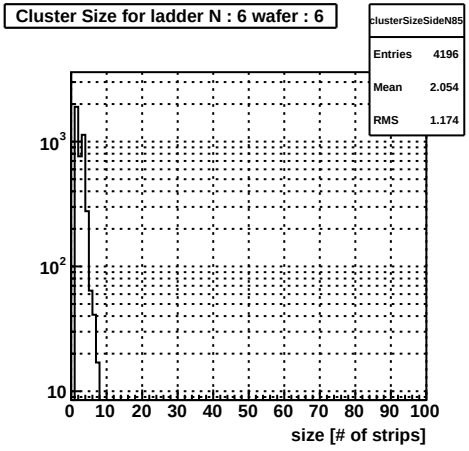

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 357
Mean 1.235
RMS 0.7854
size [# of strips]

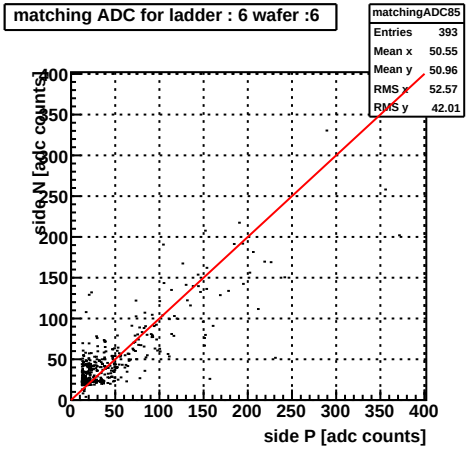

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 99
Mean x 74.82
Mean y 61.16
RMS x 62.33
RMS y 44.67
side N [adc counts]
side P [adc counts]

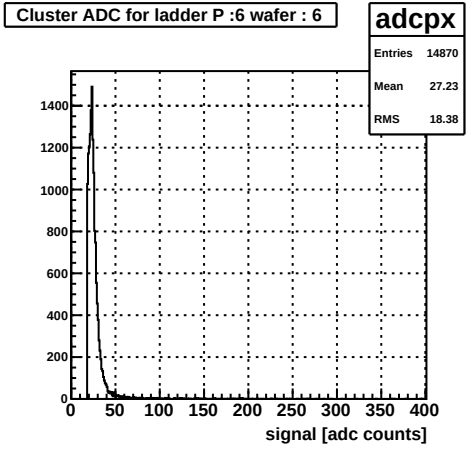

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1997
Mean 49.9
RMS 55.24
signal [adc counts]

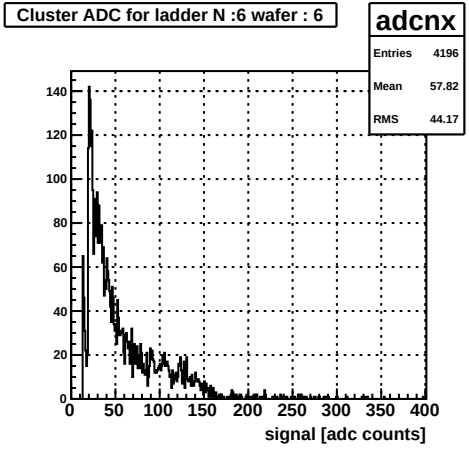

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 357
Mean 34.78
RMS 35.11
signal [adc counts]

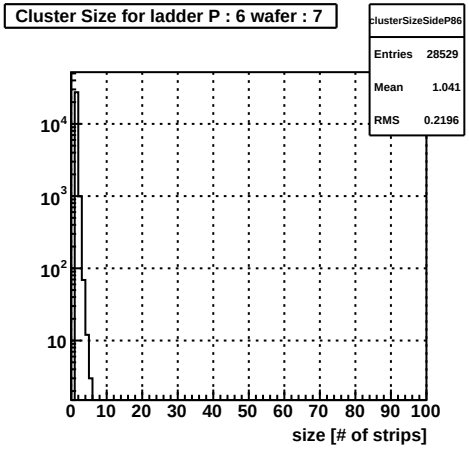

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 14870
Mean 1.025
RMS 0.1779
size [# of strips]

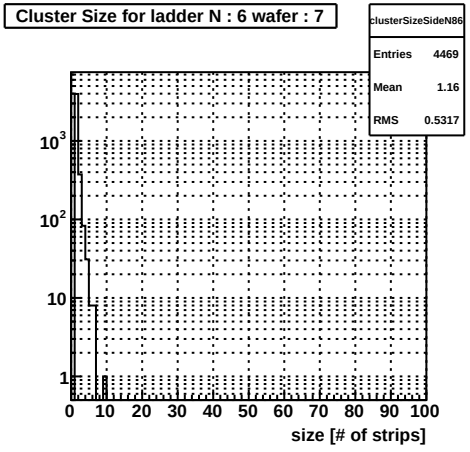

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4196
Mean 2.054
RMS 1.174
size [# of strips]

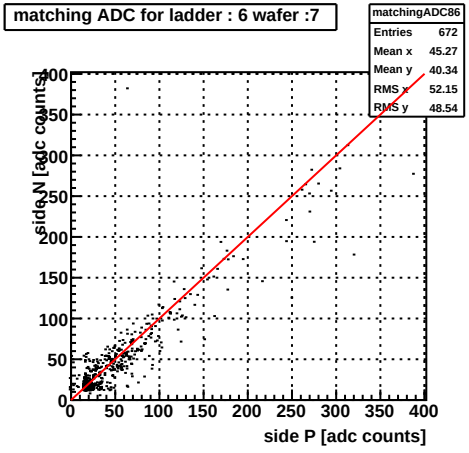

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 393
Mean x 50.55
Mean y 50.96
RMS x 52.57
RMS y 42.01
side N [adc counts]
side P [adc counts]

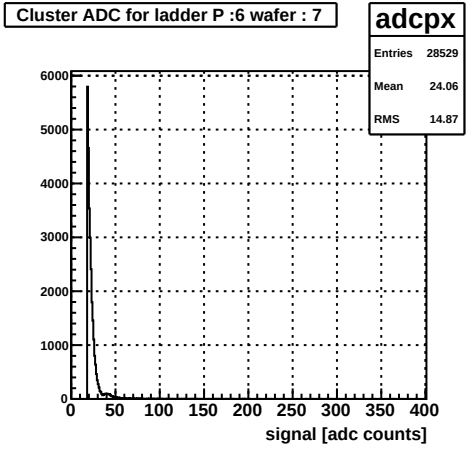

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 14870
Mean 27.23
RMS 18.38
signal [adc counts]

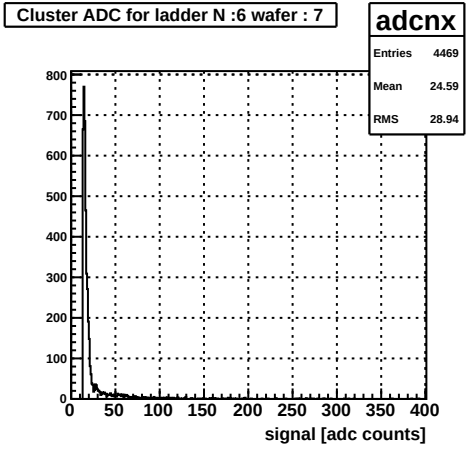

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4196
Mean 57.82
RMS 44.17
signal [adc counts]

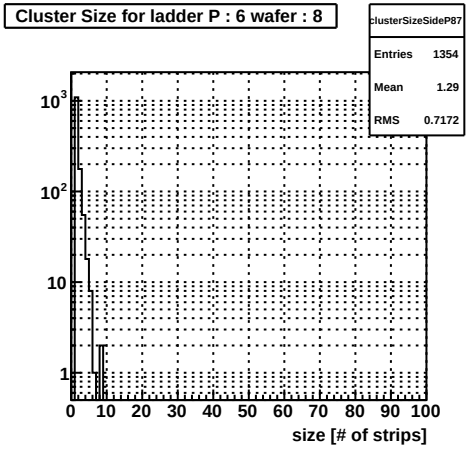

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 28529
Mean 1.041
RMS 0.2196
size [# of strips]

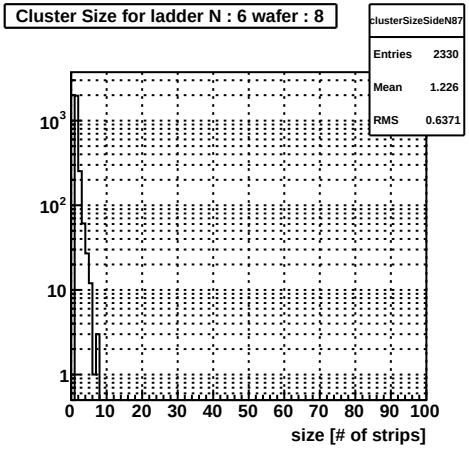

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4469
Mean 1.16
RMS 0.5317
size [# of strips]

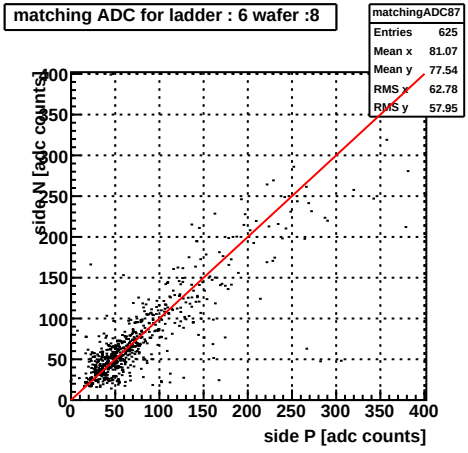

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 672
Mean x 45.27
Mean y 40.34
RMS x 52.15
RMS y 48.54
side N [adc counts]
side P [adc counts]

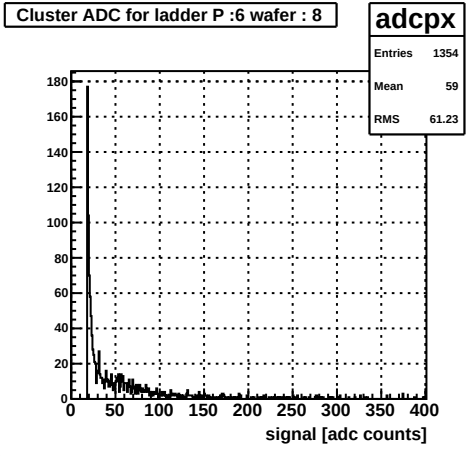

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 28529
Mean 24.06
RMS 14.87
signal [adc counts]

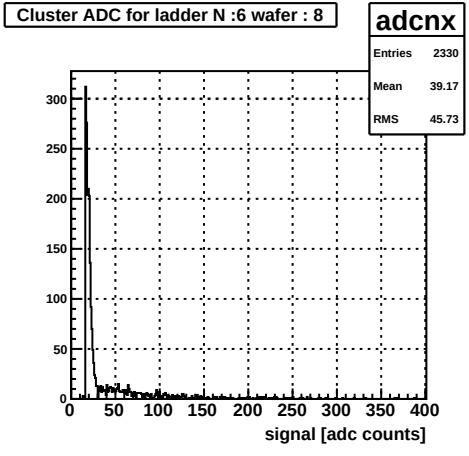

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4469
Mean 24.59
RMS 28.94
signal [adc counts]

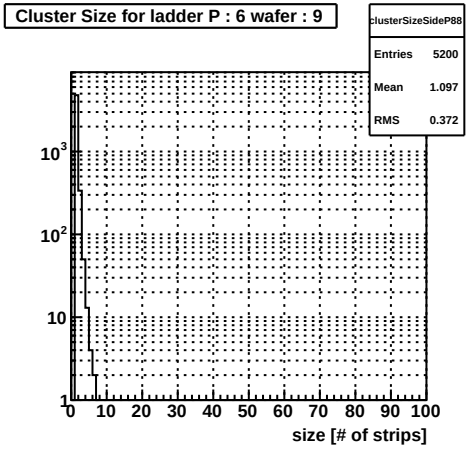

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1354
Mean 1.29
RMS 0.7172
size [# of strips]

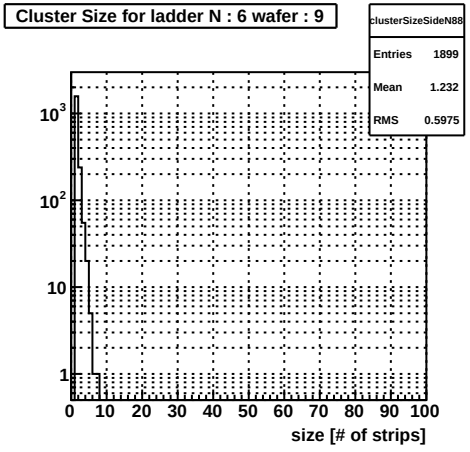

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2330
Mean 1.226
RMS 0.6371
size [# of strips]

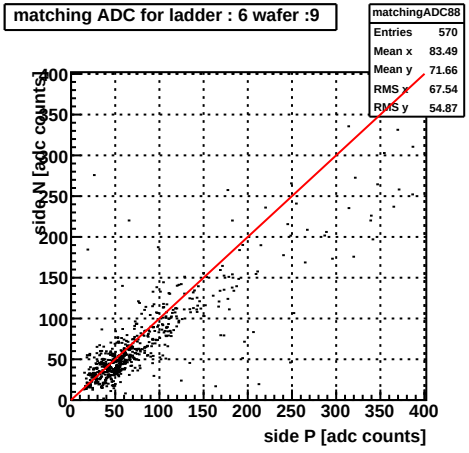

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 625
Mean x 81.07
Mean y 77.54
RMS x 62.78
RMS y 57.95
side N [adc counts]
side P [adc counts]

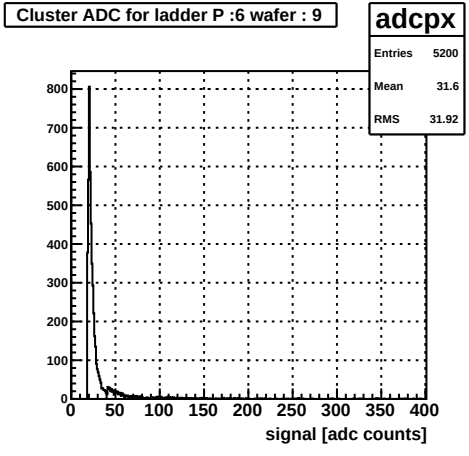

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1354
Mean 59
RMS 61.23
signal [adc counts]

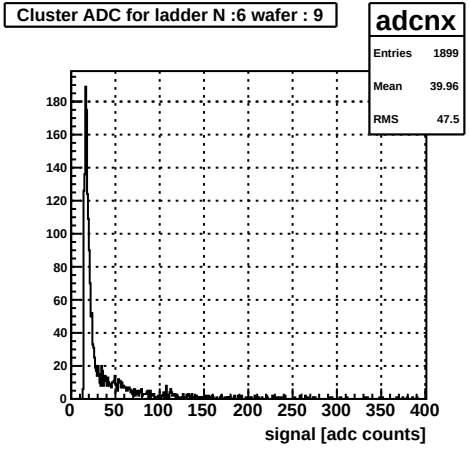

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2330
Mean 39.17
RMS 45.73
signal [adc counts]

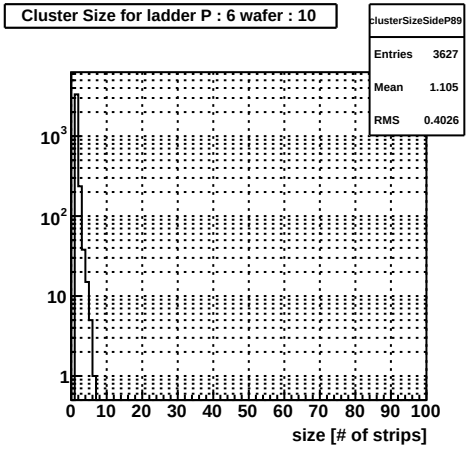

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5200
Mean 1.097
RMS 0.372
size [# of strips]

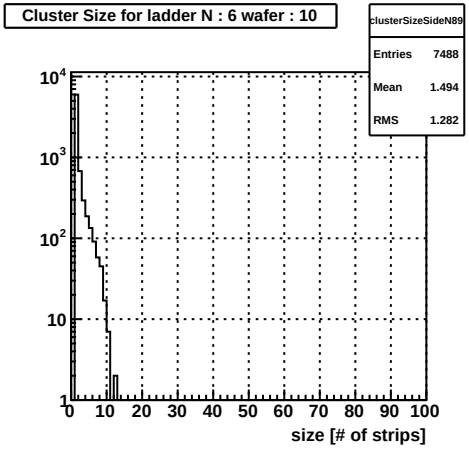

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1899
Mean 1.232
RMS 0.5975
size [# of strips]

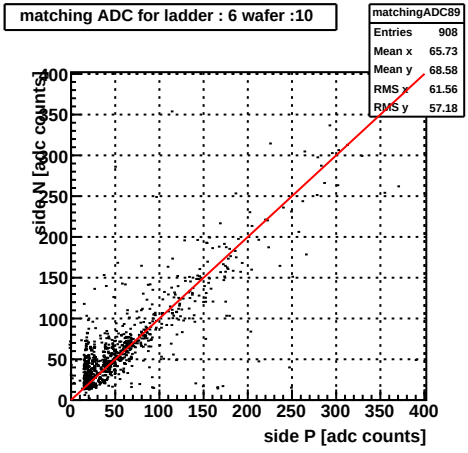

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 570
Mean x 83.49
Mean y 71.66
RMS x 67.54
RMS y 54.87
side N [adc counts]
side P [adc counts]

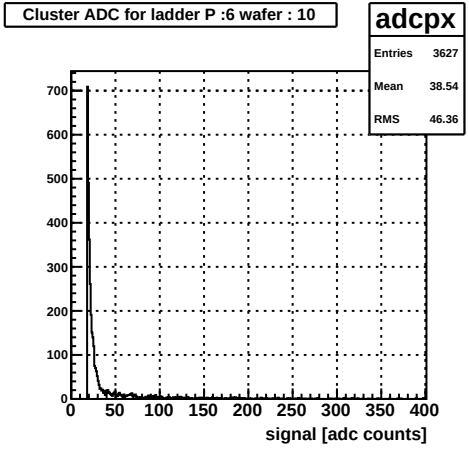

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5200
Mean 31.6
RMS 31.92
signal [adc counts]

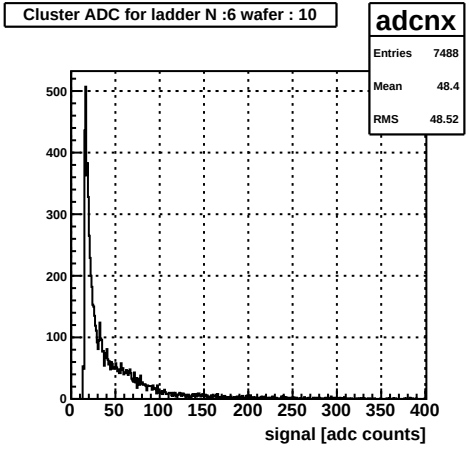

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1899
Mean 39.96
RMS 47.5
signal [adc counts]

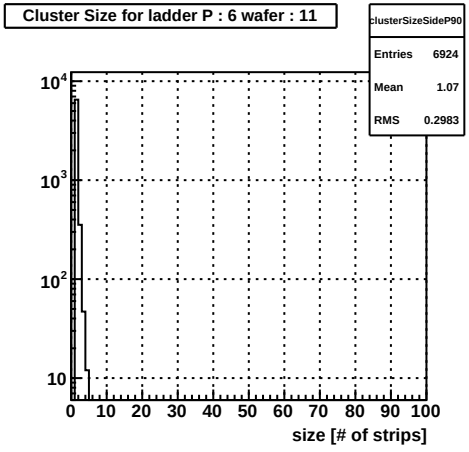

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3627
Mean 1.105
RMS 0.4026
size [# of strips]

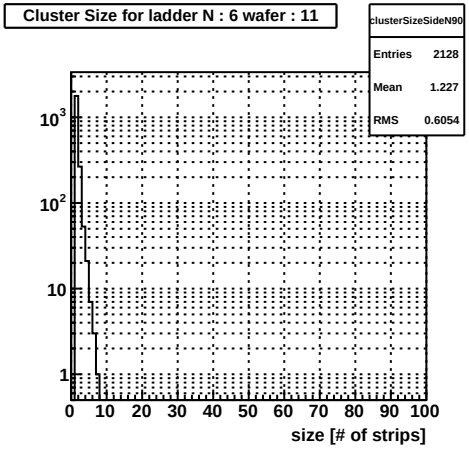

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 7488
Mean 1.494
RMS 1.282
size [# of strips]

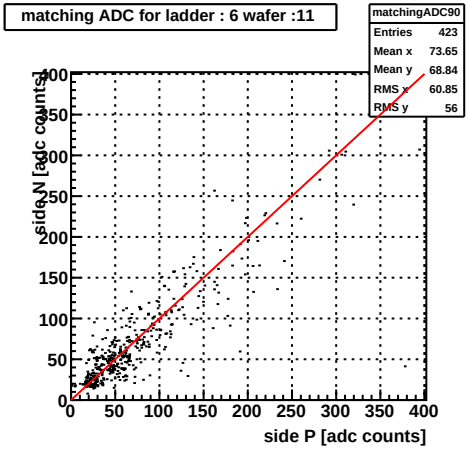

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 908
Mean x 65.73
Mean y 68.58
RMS x 61.56
RMS y 57.18
side N [adc counts]
side P [adc counts]

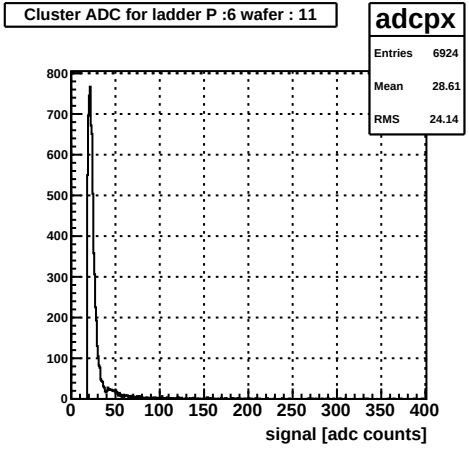

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3627
Mean 38.54
RMS 46.36
signal [adc counts]

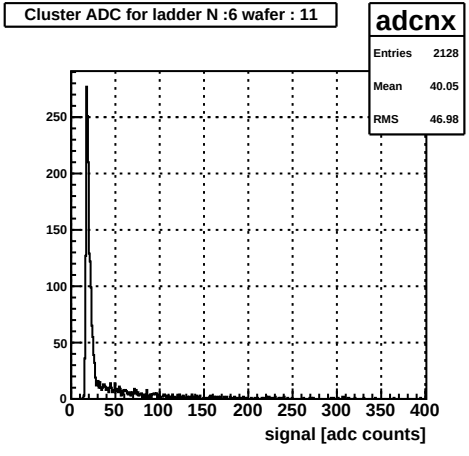

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 7488
Mean 48.4
RMS 48.52
signal [adc counts]

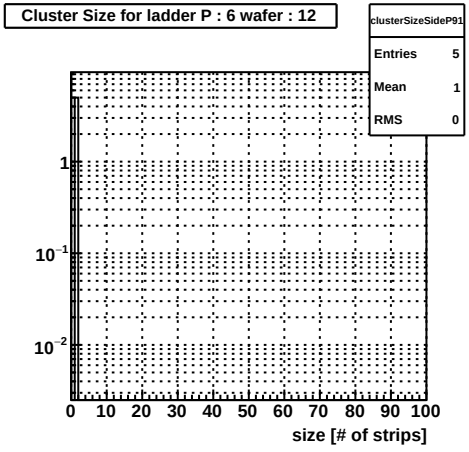

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6924
Mean 1.07
RMS 0.2983
size [# of strips]

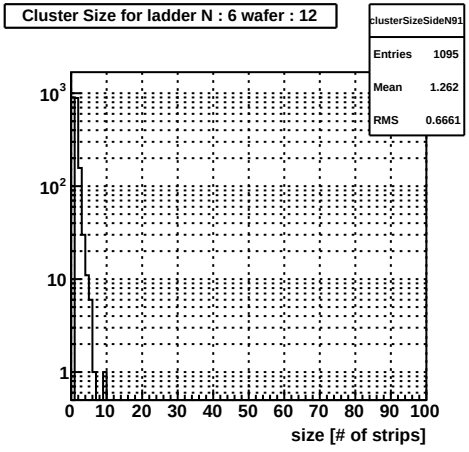

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2128
Mean 1.227
RMS 0.6054
size [# of strips]

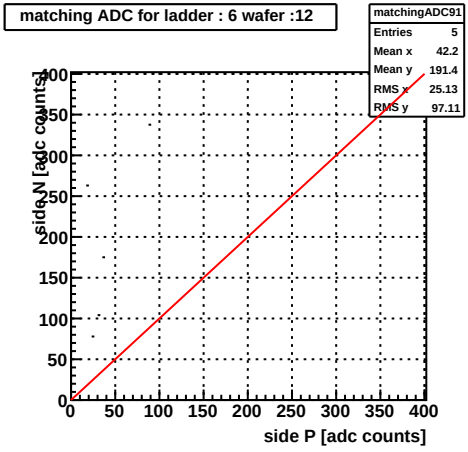

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 423
Mean x 73.65
Mean y 68.84
RMS x 60.85
RMS y 56
side N [adc counts]
side P [adc counts]

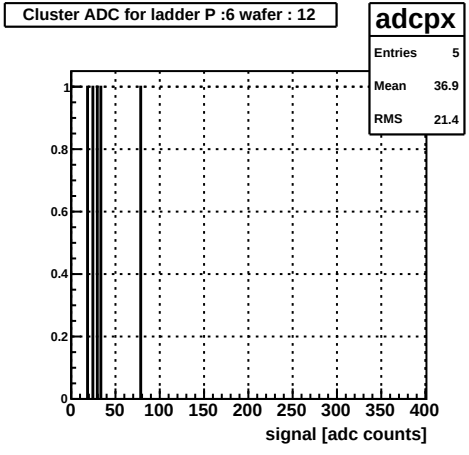

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6924
Mean 28.61
RMS 24.14
signal [adc counts]

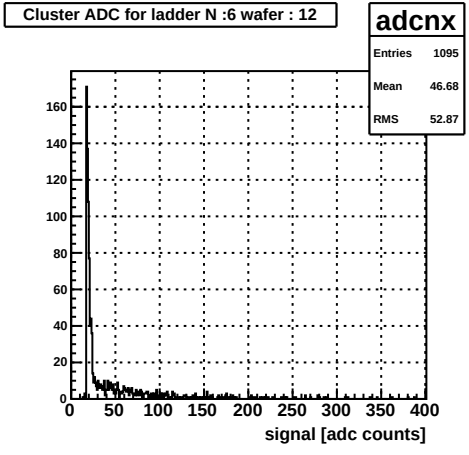

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2128
Mean 40.05
RMS 46.98
signal [adc counts]

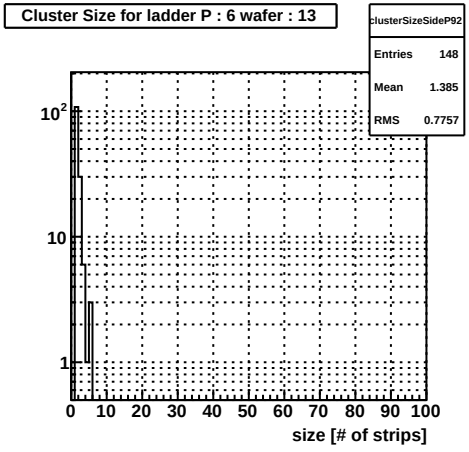

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1
RMS 0
size [# of strips]

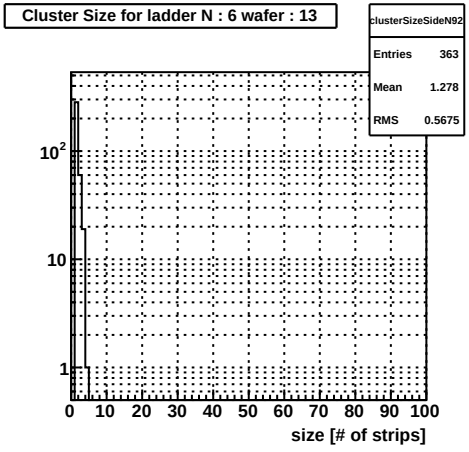

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1095
Mean 1.262
RMS 0.6661
size [# of strips]

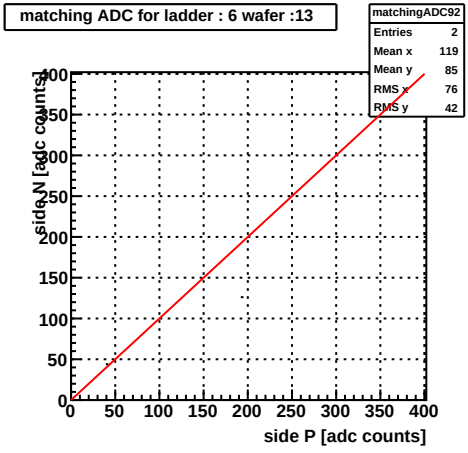

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 5
Mean x 42.2
Mean y 191.4
RMS x 25.13
RMS y 97.11
side N [adc counts]
side P [adc counts]

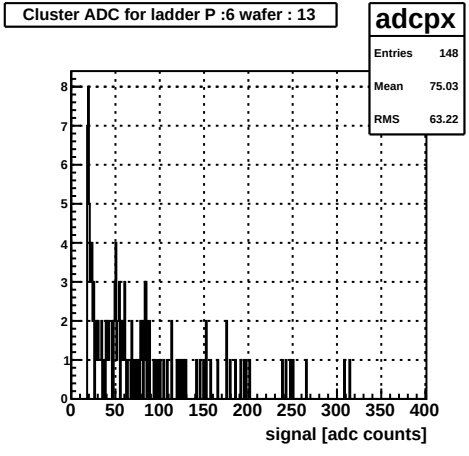

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 36.9
RMS 21.4
signal [adc counts]

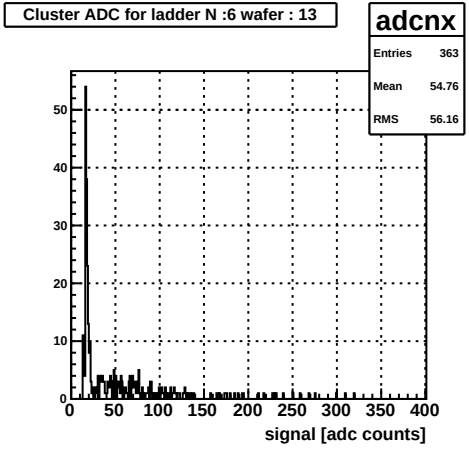

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1095
Mean 46.68
RMS 52.87
signal [adc counts]

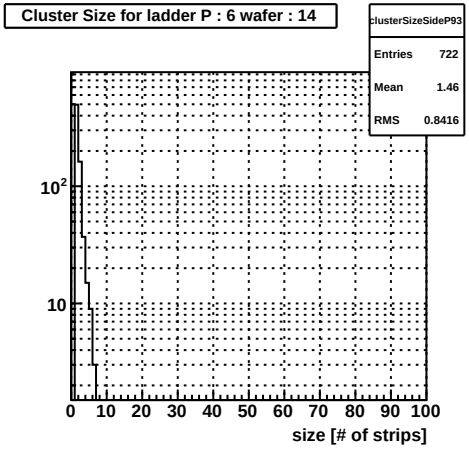

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 148
Mean 1.385
RMS 0.7757
size [# of strips]

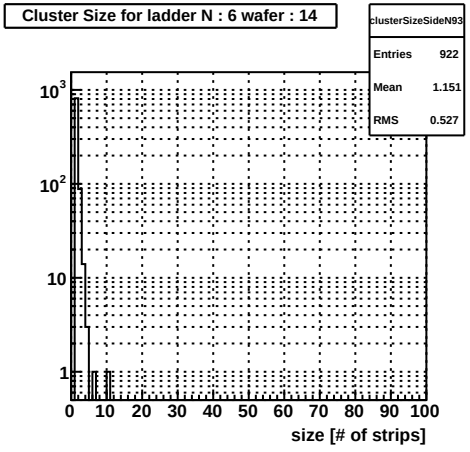

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 363
Mean 1.278
RMS 0.5675
size [# of strips]

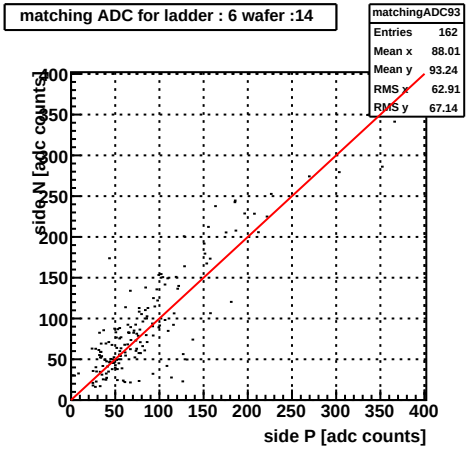

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 119
Mean y 85
RMS x 76
RMS y 42
side N [adc counts]
side P [adc counts]

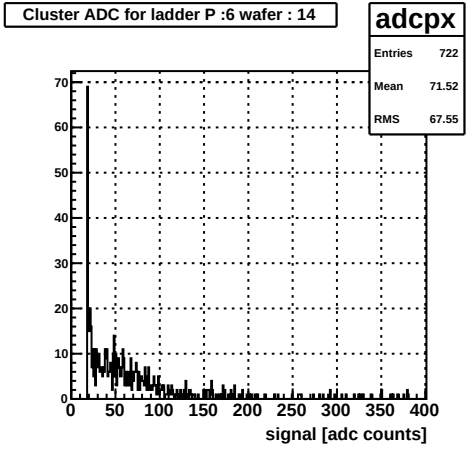

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 148
Mean 75.03
RMS 63.22
signal [adc counts]

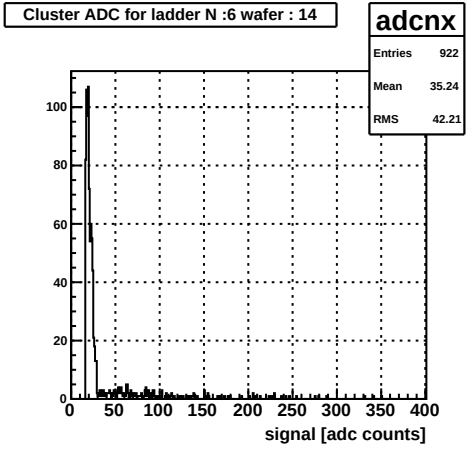

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 363
Mean 54.76
RMS 56.16
signal [adc counts]

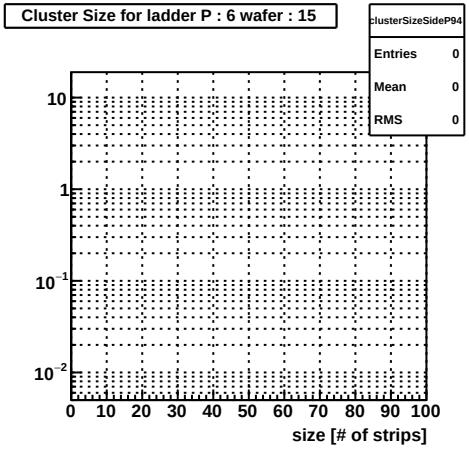

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 722
Mean 1.46
RMS 0.8416
size [# of strips]

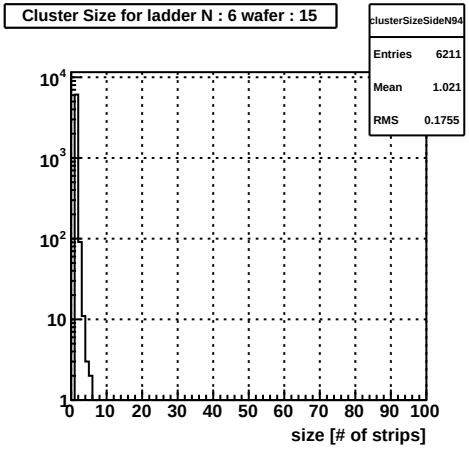

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 922
Mean 1.151
RMS 0.527
size [# of strips]

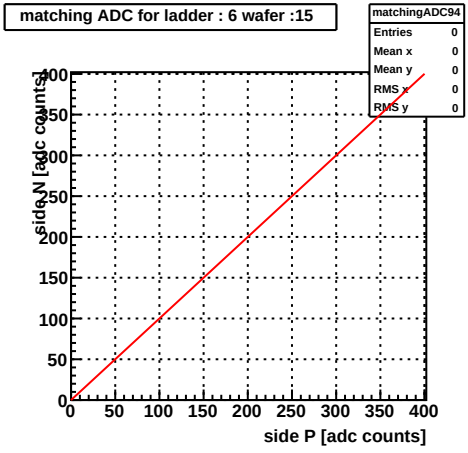

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 162
Mean x 88.01
Mean y 93.24
RMS x 62.91
RMS y 67.14
side N [adc counts]
side P [adc counts]

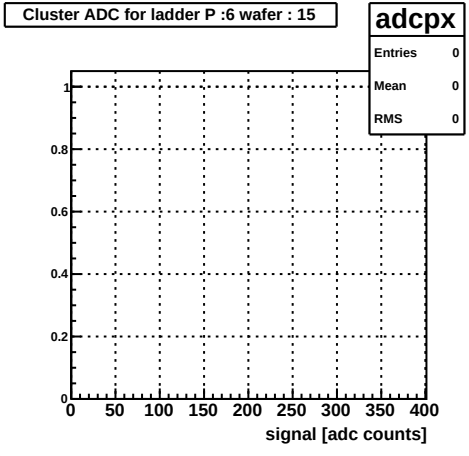

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 722
Mean 71.52
RMS 67.55
signal [adc counts]

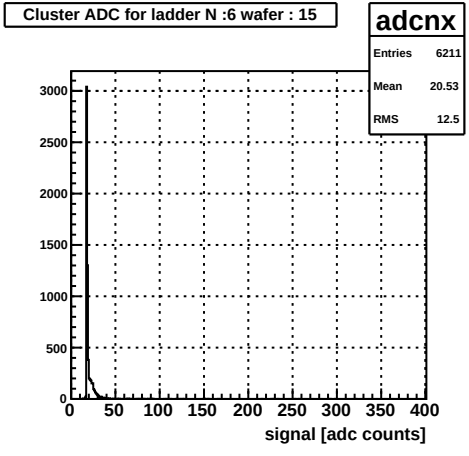

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 922
Mean 35.24
RMS 42.21
signal [adc counts]

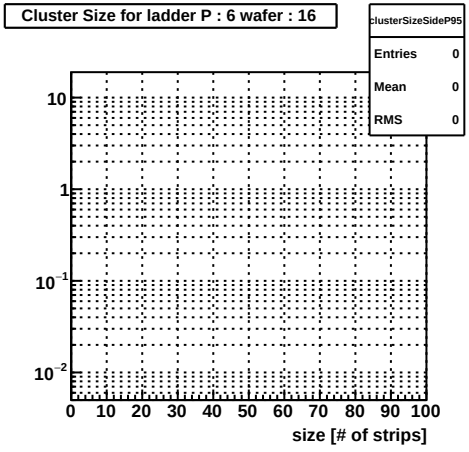

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

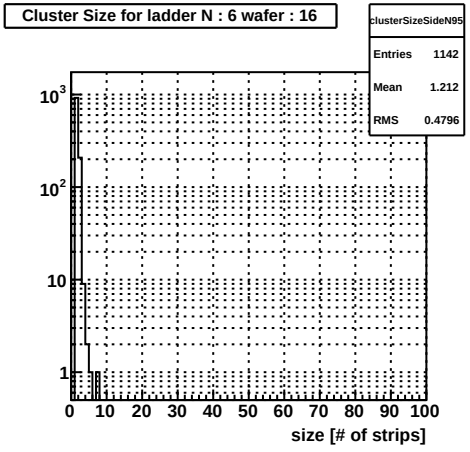

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6211
Mean 1.021
RMS 0.1755
size [# of strips]

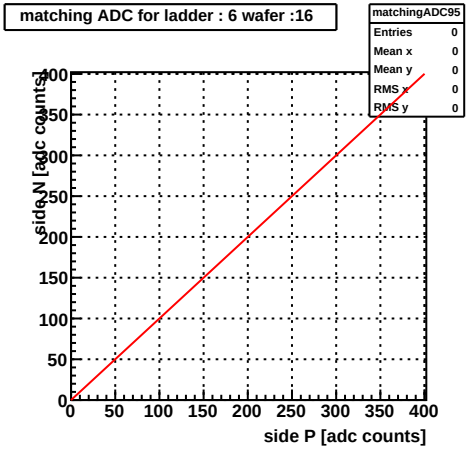

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

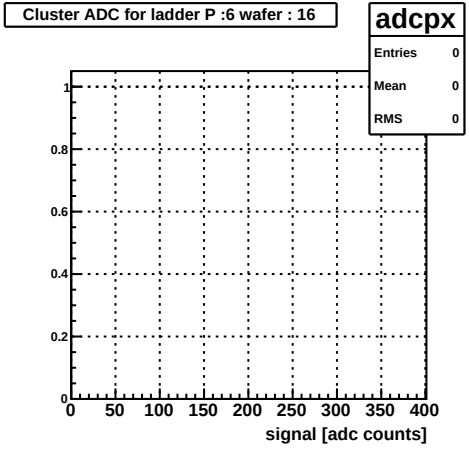

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

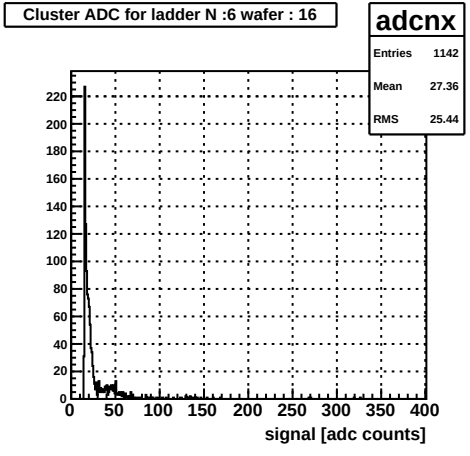

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6211
Mean 20.53
RMS 12.5
signal [adc counts]

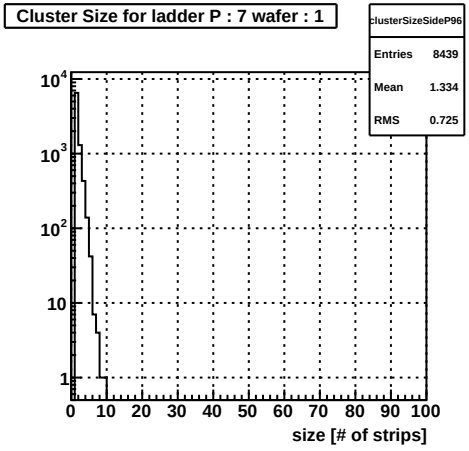

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

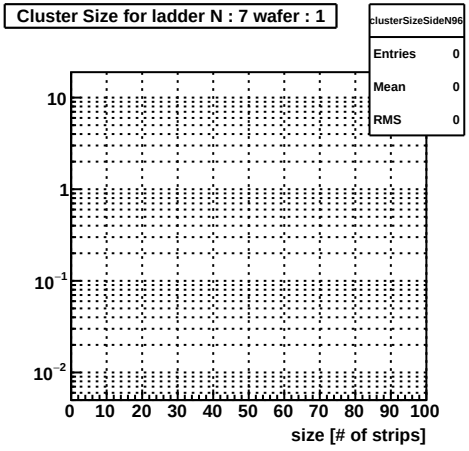

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1142
Mean 1.212
RMS 0.4796
size [# of strips]

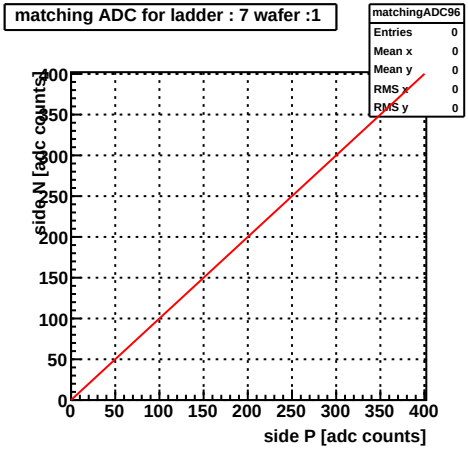

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

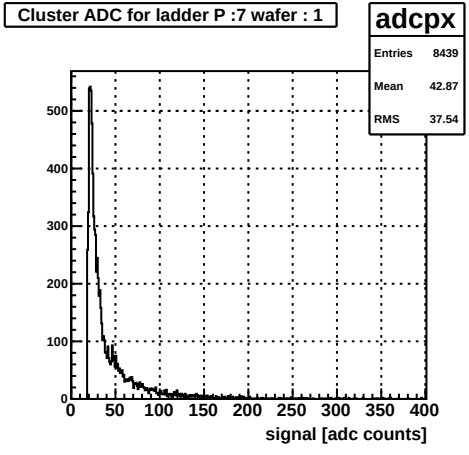

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

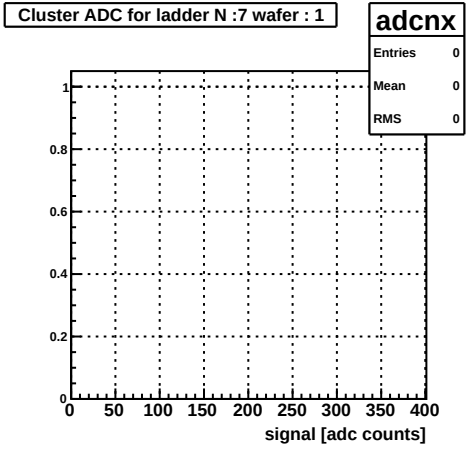

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1142
Mean 27.36
RMS 25.44
signal [adc counts]

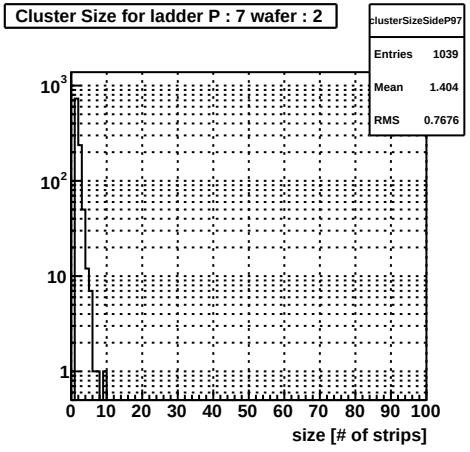

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8439
Mean 1.334
RMS 0.725
size [# of strips]

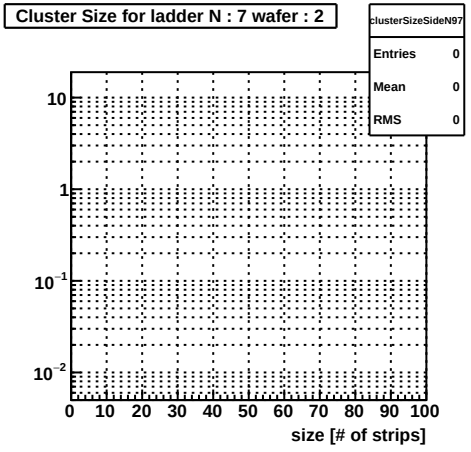

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

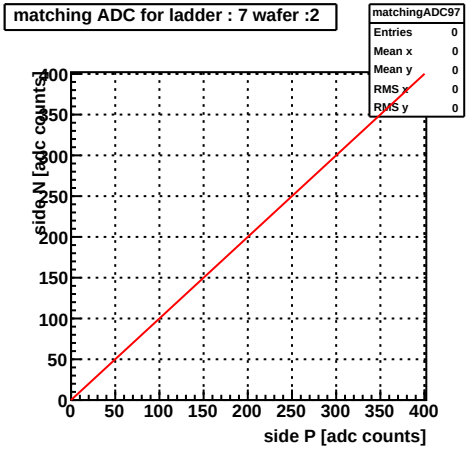

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

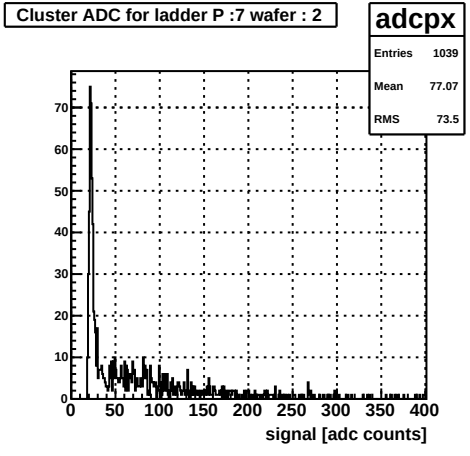

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8439
Mean 42.87
RMS 37.54
signal [adc counts]

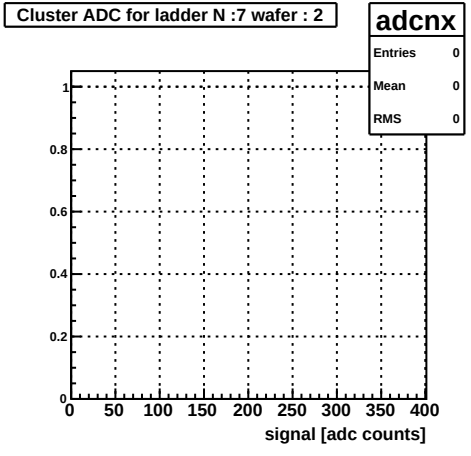

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

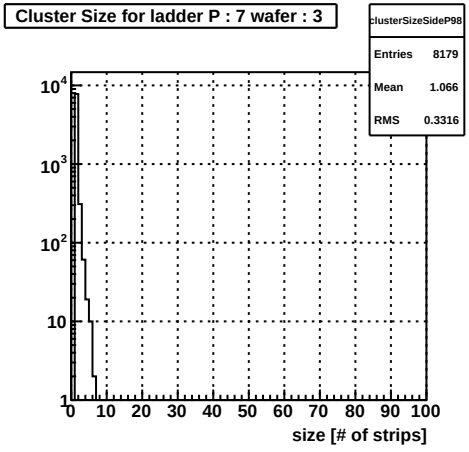

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1039
Mean 1.404
RMS 0.7676
size [# of strips]

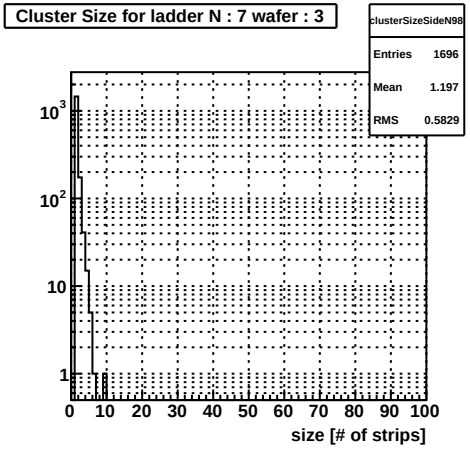

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

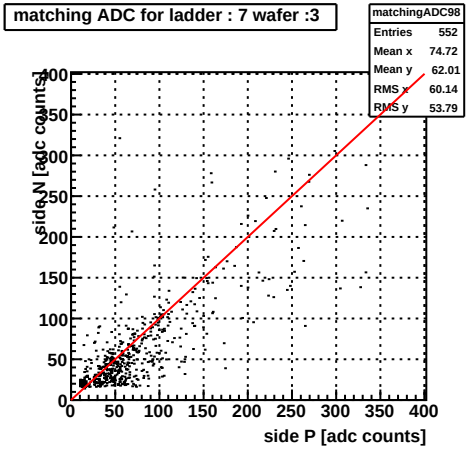

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

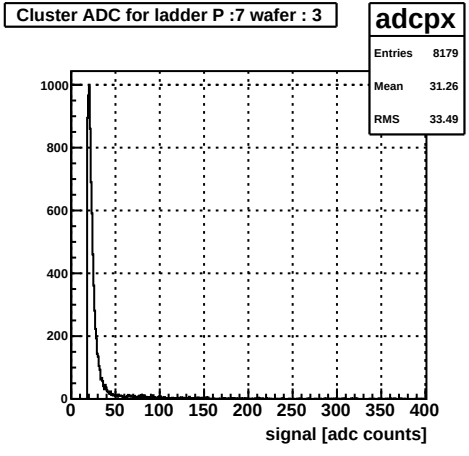

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1039
Mean 77.07
RMS 73.5
signal [adc counts]

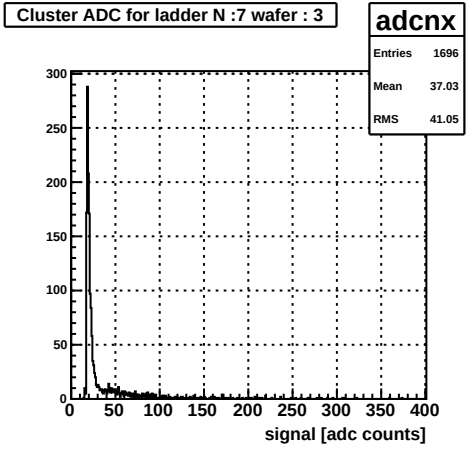

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

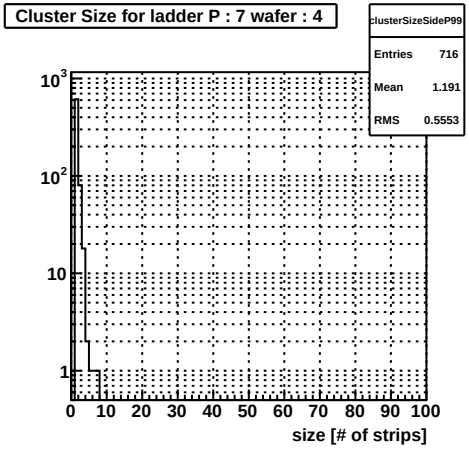

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 8179
Mean 1.066
RMS 0.3316
size [# of strips]

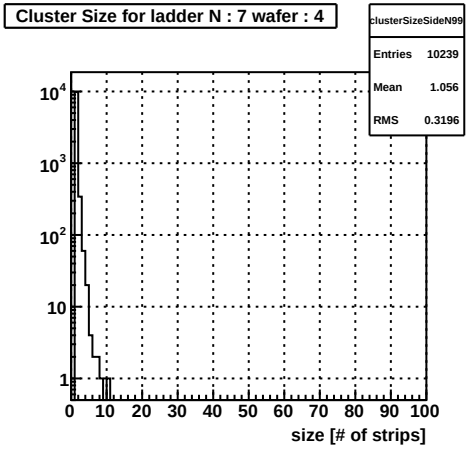

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1696
Mean 1.197
RMS 0.5829
size [# of strips]

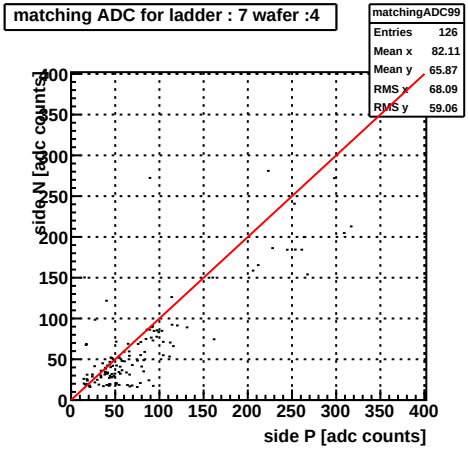

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 552
Mean x 74.72
Mean y 62.01
RMS x 60.14
RMS y 53.79
side N [adc counts]
side P [adc counts]

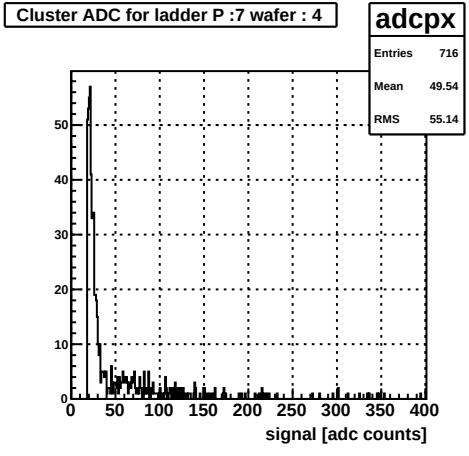

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 8179
Mean 31.26
RMS 33.49
signal [adc counts]

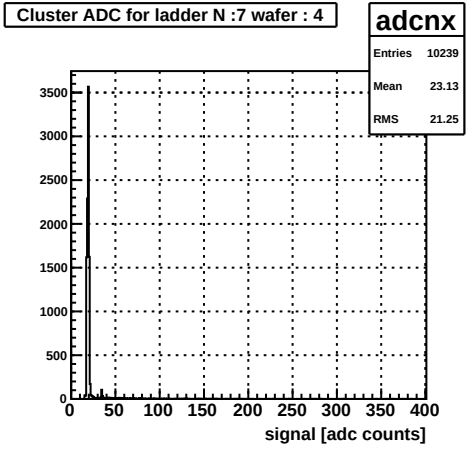

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1696
Mean 37.03
RMS 41.05
signal [adc counts]

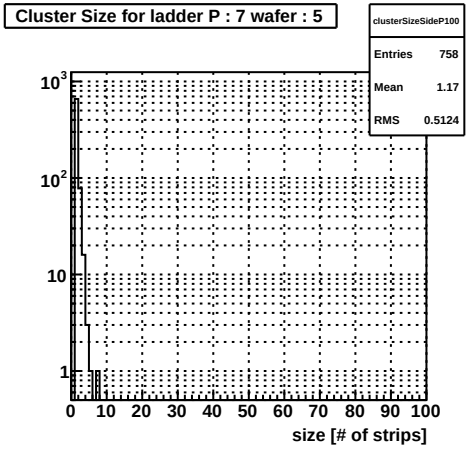

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 716
Mean 1.191
RMS 0.5553
size [# of strips]

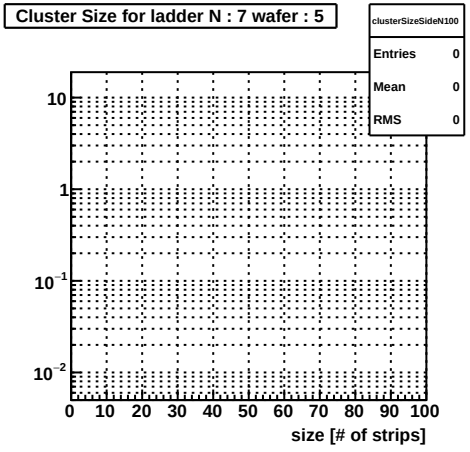

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 10239
Mean 1.056
RMS 0.3196
size [# of strips]

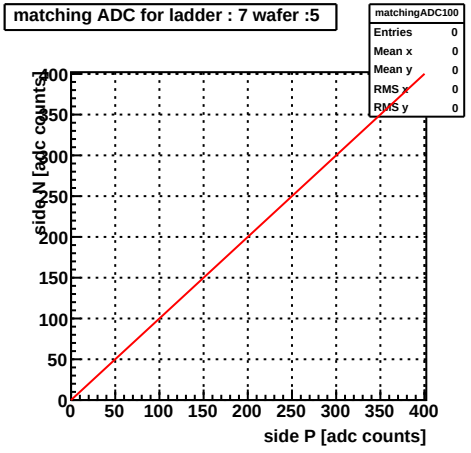

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 126
Mean x 82.11
Mean y 65.87
RMS x 68.09
RMS y 59.06
side N [adc counts]
side P [adc counts]

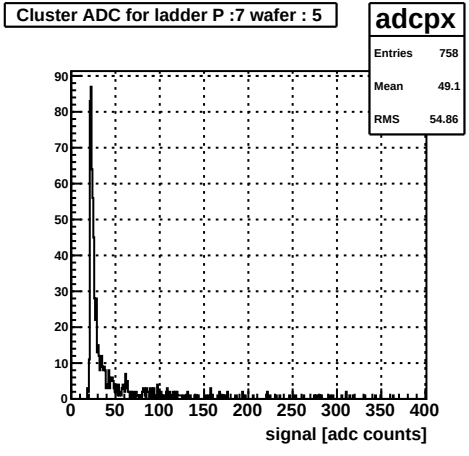

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 716
Mean 49.54
RMS 55.14
signal [adc counts]

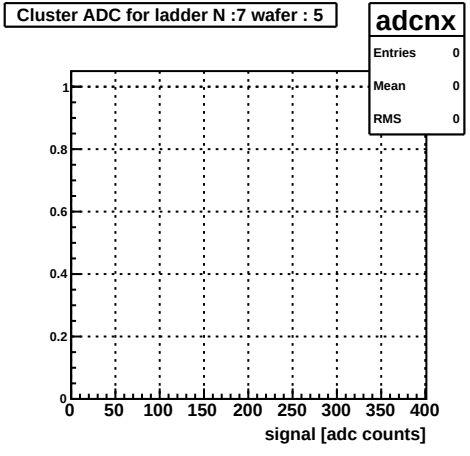

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 10239
Mean 23.13
RMS 21.25
signal [adc counts]

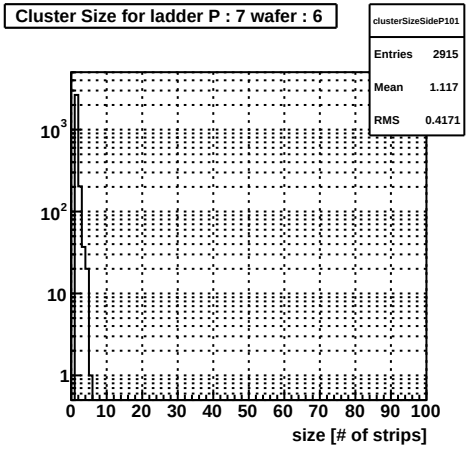

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 758
Mean 1.17
RMS 0.5124
size [# of strips]

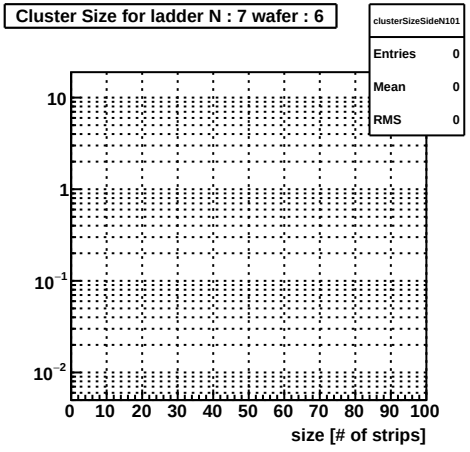

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

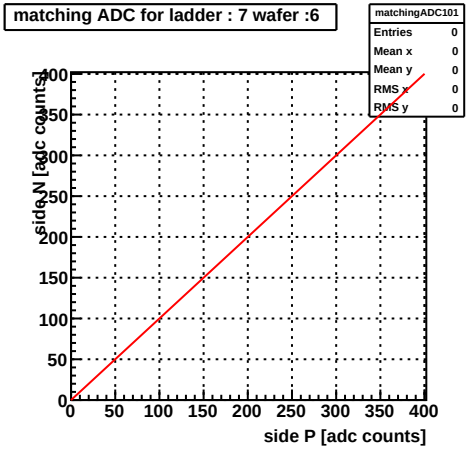

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

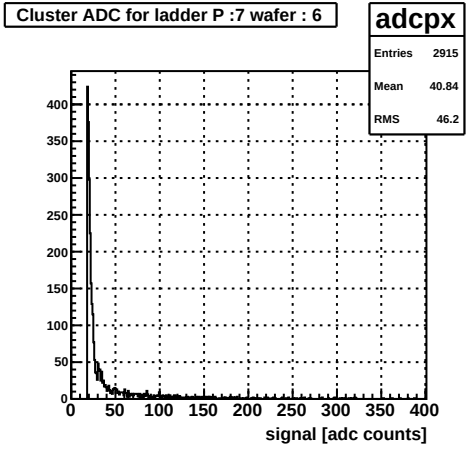

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 758
Mean 49.1
RMS 54.86
signal [adc counts]

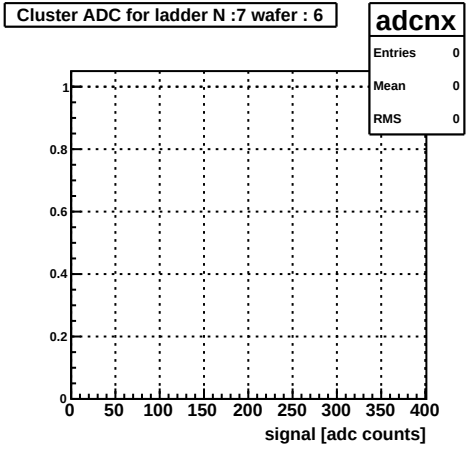

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

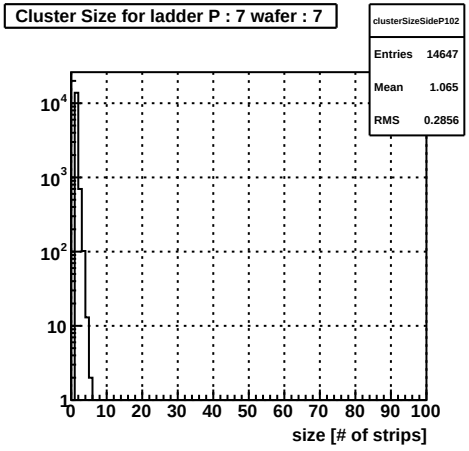

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2915
Mean 1.117
RMS 0.4171
size [# of strips]

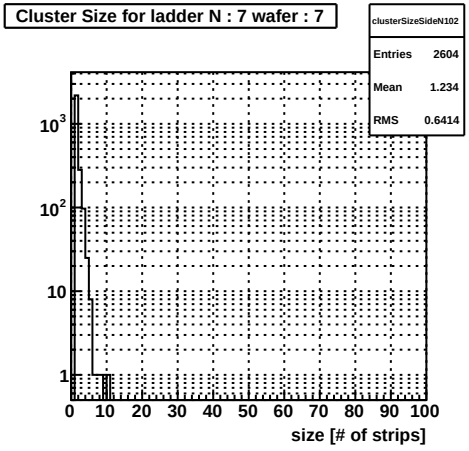

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

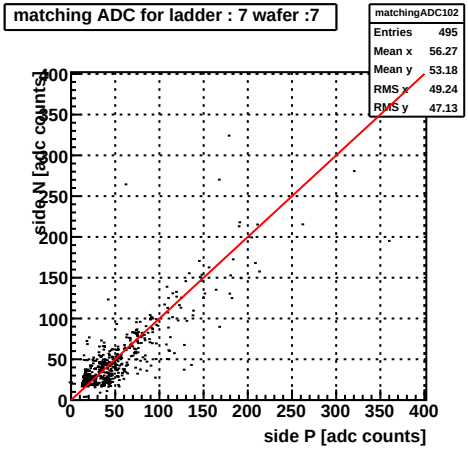

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

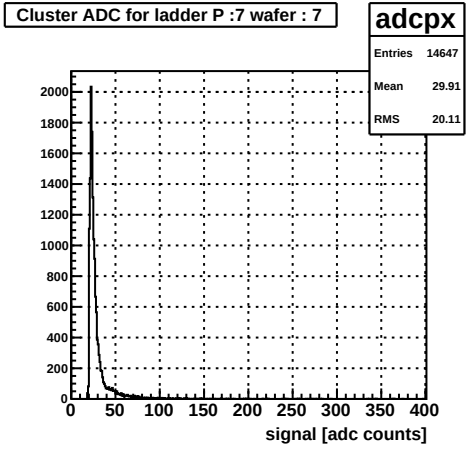

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2915
Mean 40.84
RMS 46.2
signal [adc counts]

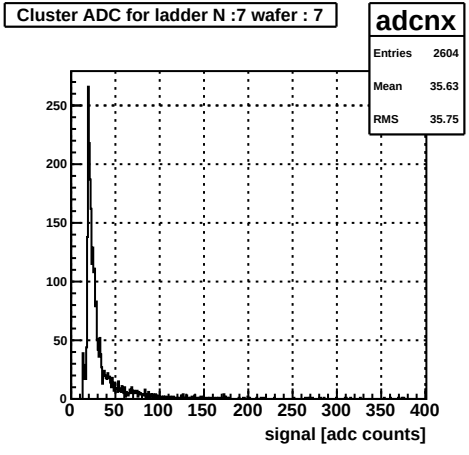

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

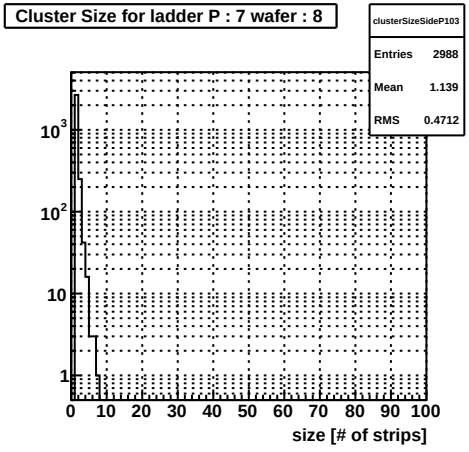

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14647
Mean 1.065
RMS 0.2856
size [# of strips]

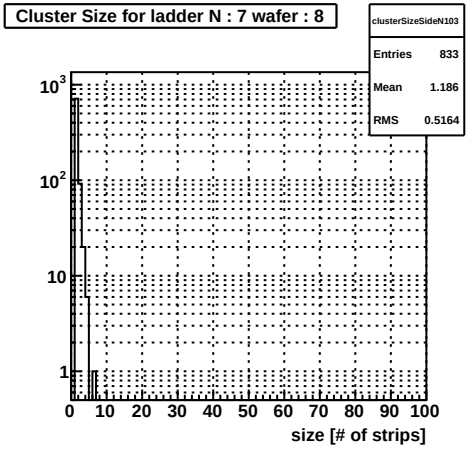

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2604
Mean 1.234
RMS 0.6414
size [# of strips]

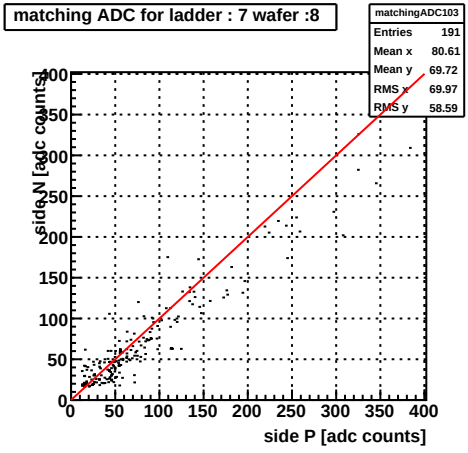

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 495
Mean x 56.27
Mean y 53.18
RMS x 49.24
RMS y 47.13
side N [adc counts]
side P [adc counts]

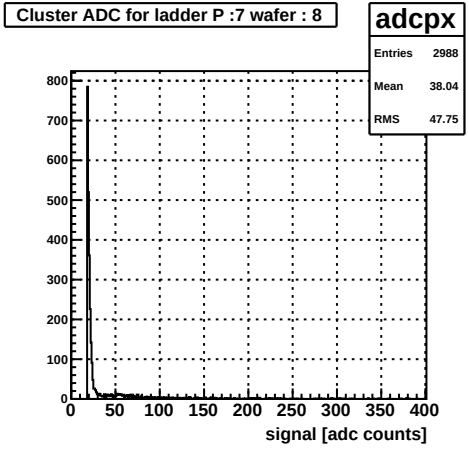

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14647
Mean 29.91
RMS 20.11
signal [adc counts]

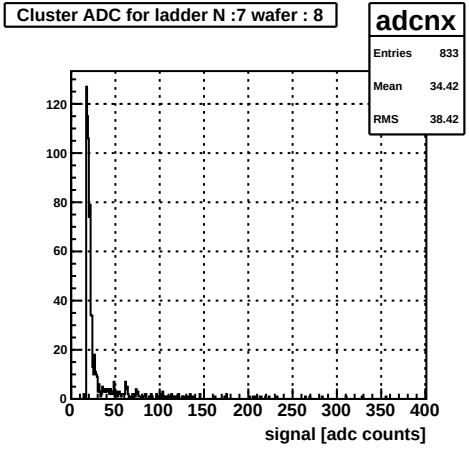

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2604
Mean 35.63
RMS 35.75
signal [adc counts]

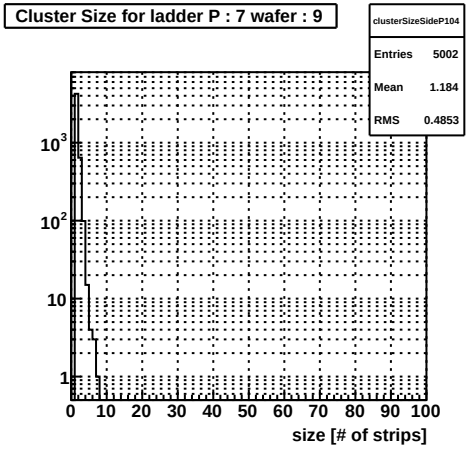

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2988
Mean 1.139
RMS 0.4712
size [# of strips]

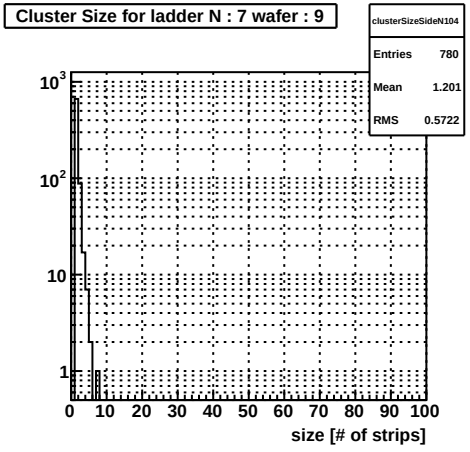

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 833
Mean 1.186
RMS 0.5164
size [# of strips]

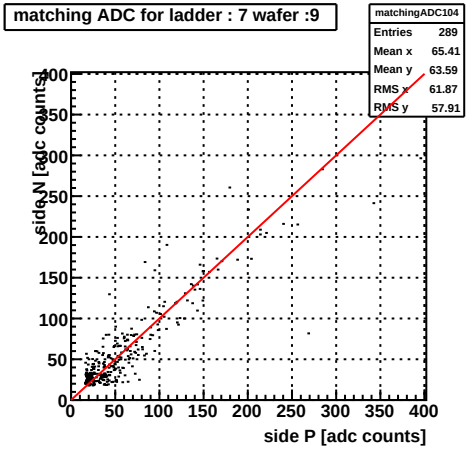

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 191
Mean x 80.61
Mean y 69.72
RMS x 69.97
RMS y 58.59
side N [adc counts]
side P [adc counts]

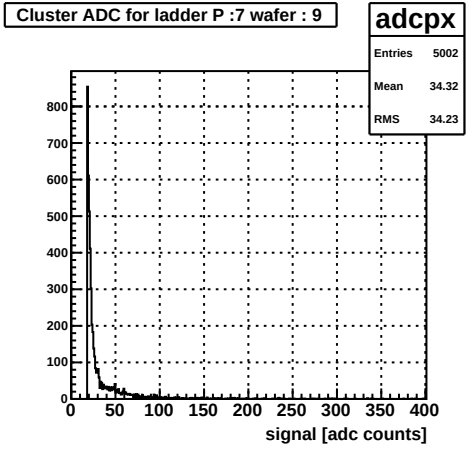

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2988
Mean 38.04
RMS 47.75
signal [adc counts]

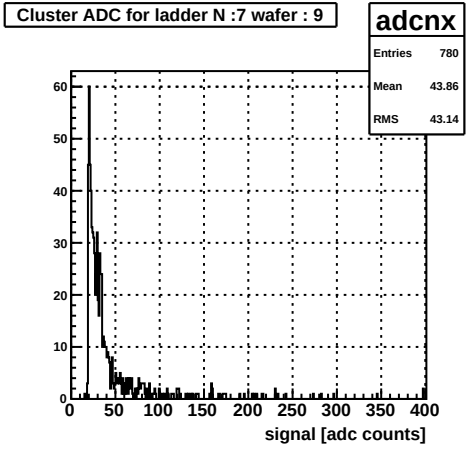

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 833
Mean 34.42
RMS 38.42
signal [adc counts]

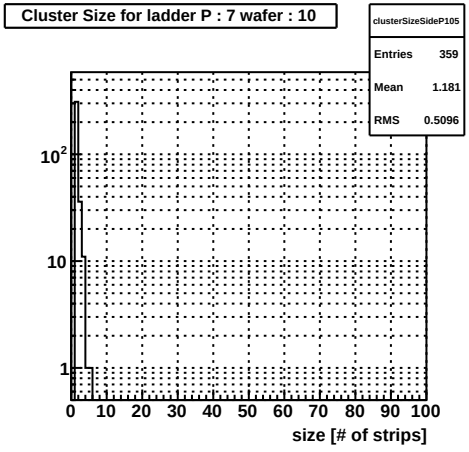

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5002
Mean 1.184
RMS 0.4853
size [# of strips]

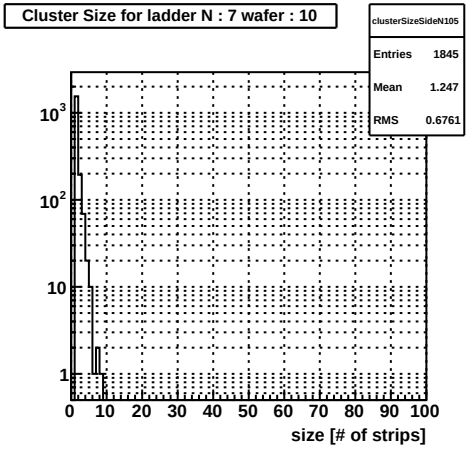

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 780
Mean 1.201
RMS 0.5722
size [# of strips]

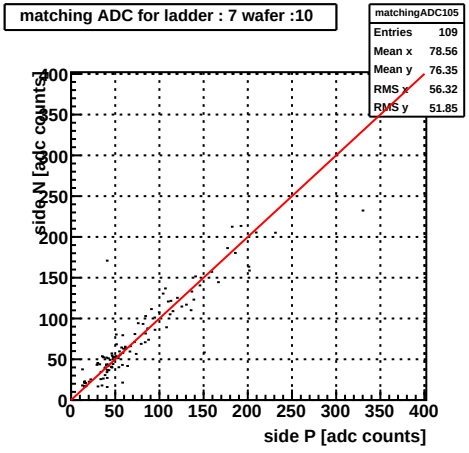

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 289
Mean x 65.41
Mean y 63.59
RMS x 61.87
RMS y 57.91
side N [adc counts]
side P [adc counts]

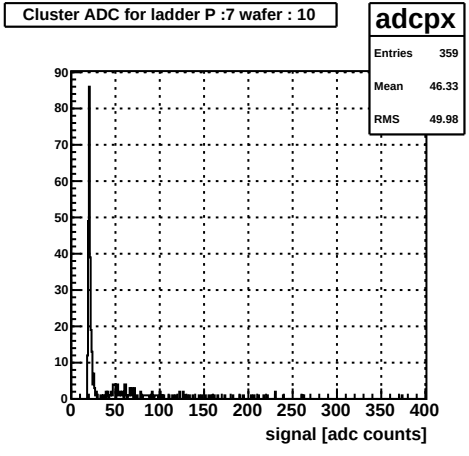

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5002
Mean 34.32
RMS 34.23
signal [adc counts]

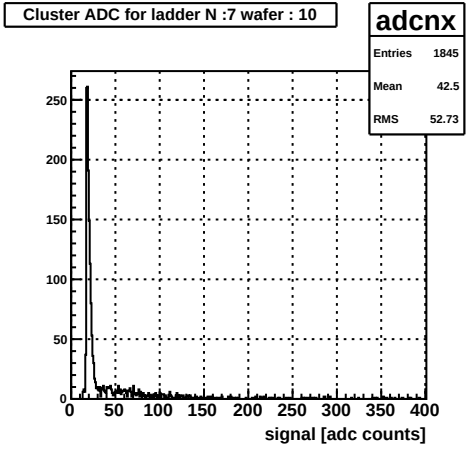

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 780
Mean 43.86
RMS 43.14
signal [adc counts]

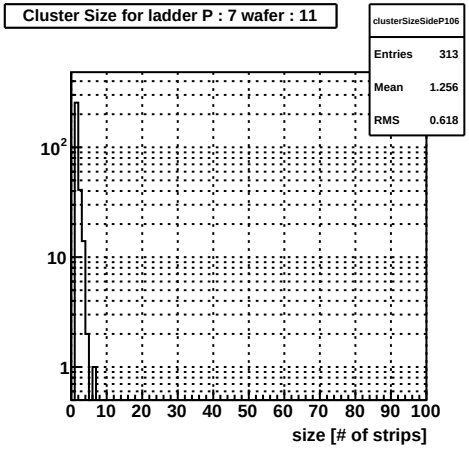

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 359
Mean 1.181
RMS 0.5096
size [# of strips]

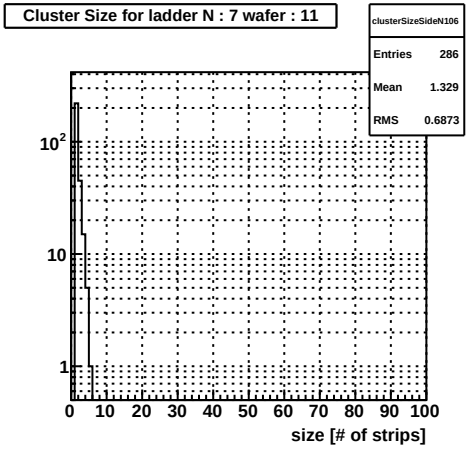

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1845
Mean 1.247
RMS 0.6761
size [# of strips]

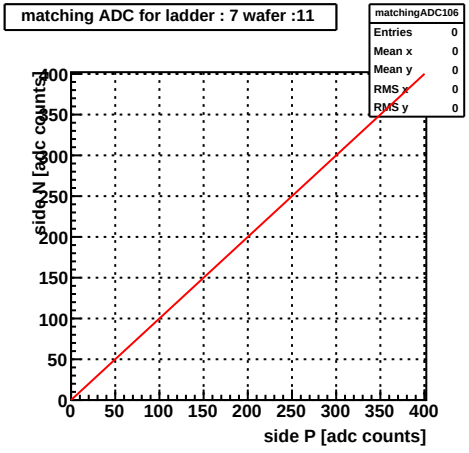

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 109
Mean x 78.56
Mean y 76.35
RMS x 56.32
RMS y 51.85
side N [adc counts]
side P [adc counts]

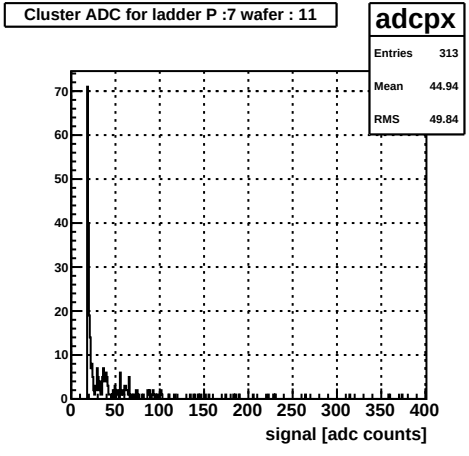

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 359
Mean 46.33
RMS 49.98
signal [adc counts]

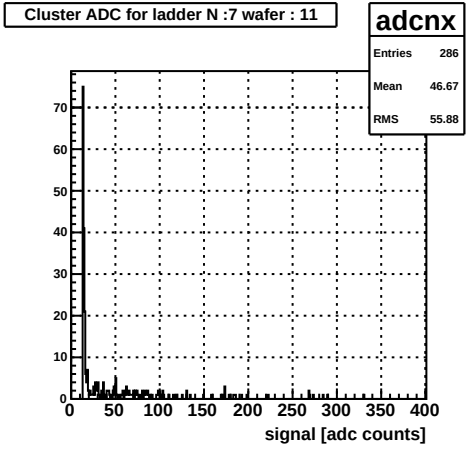

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1845
Mean 42.5
RMS 52.73
signal [adc counts]

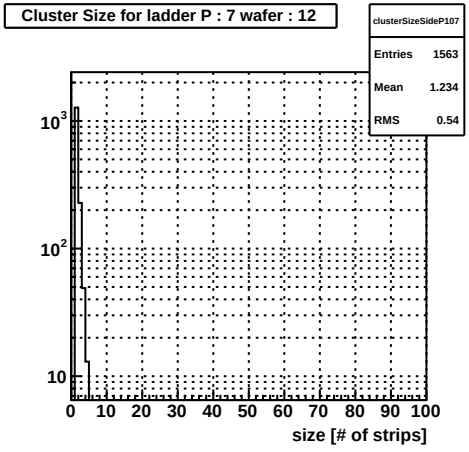

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 313
Mean 1.256
RMS 0.618
size [# of strips]

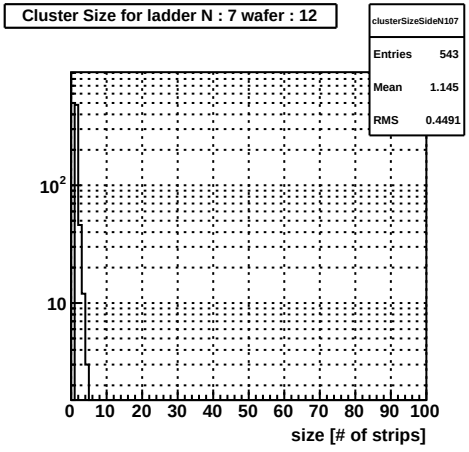

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 286
Mean 1.329
RMS 0.6873
size [# of strips]

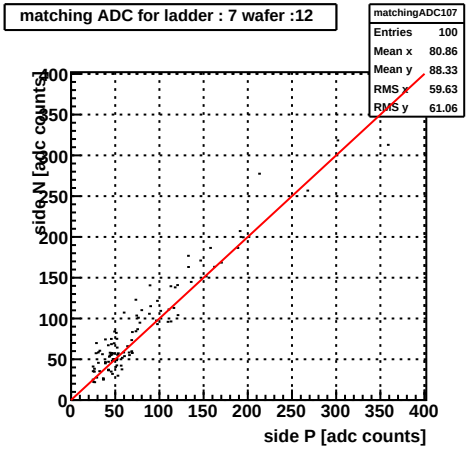

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

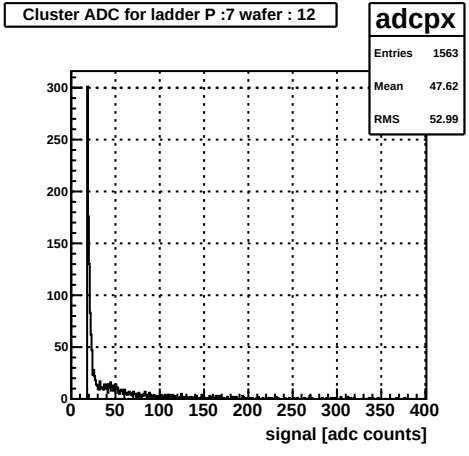

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 313
Mean 44.94
RMS 49.84
signal [adc counts]

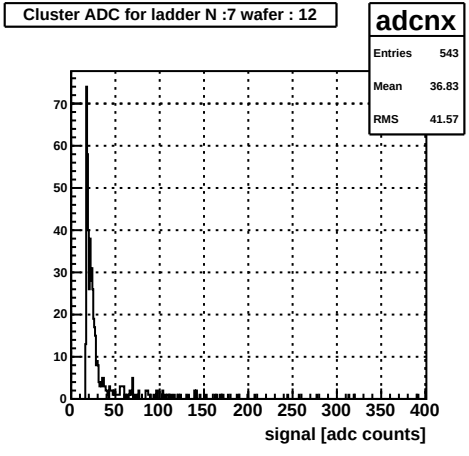

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 286
Mean 46.67
RMS 55.88
signal [adc counts]

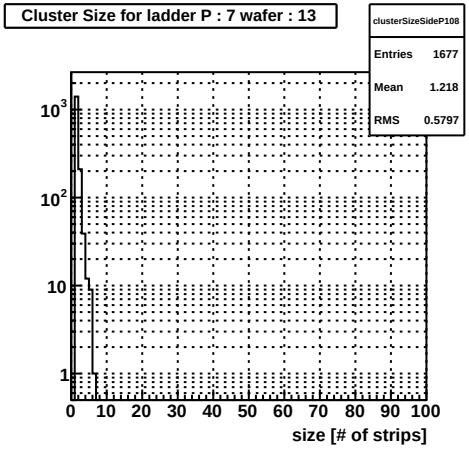

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1563
Mean 1.234
RMS 0.54
size [# of strips]

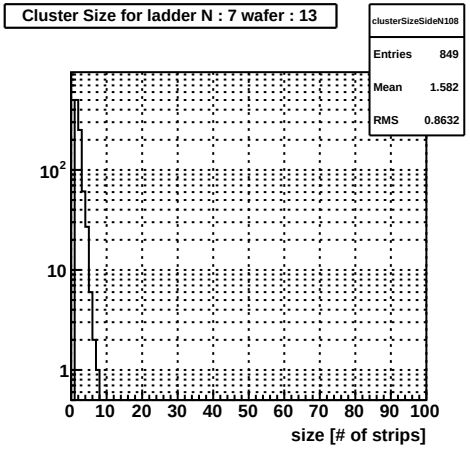

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 543
Mean 1.145
RMS 0.4491
size [# of strips]

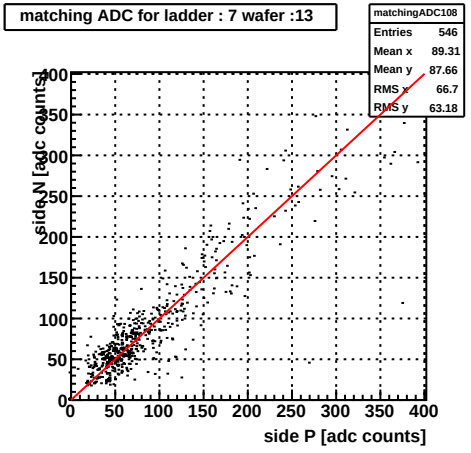

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 100
Mean x 80.86
Mean y 88.33
RMS x 59.63
RMS y 61.06
side N [adc counts]
side P [adc counts]

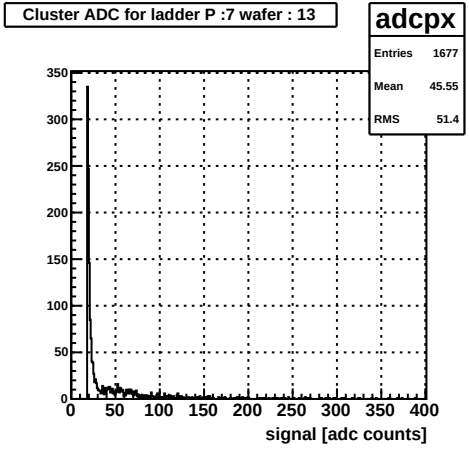

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1563
Mean 47.62
RMS 52.99
signal [adc counts]

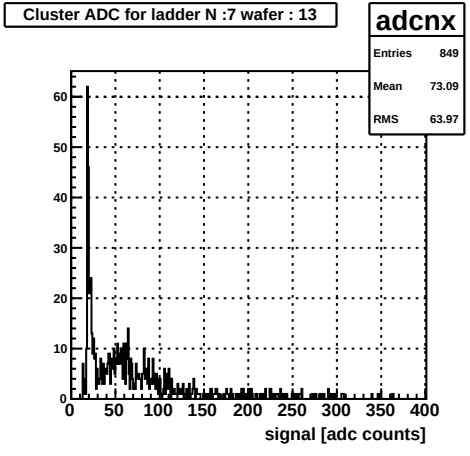

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 543
Mean 36.83
RMS 41.57
signal [adc counts]

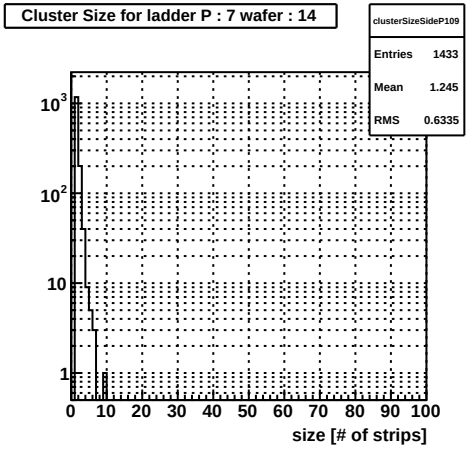

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1677
Mean 1.218
RMS 0.5797
size [# of strips]

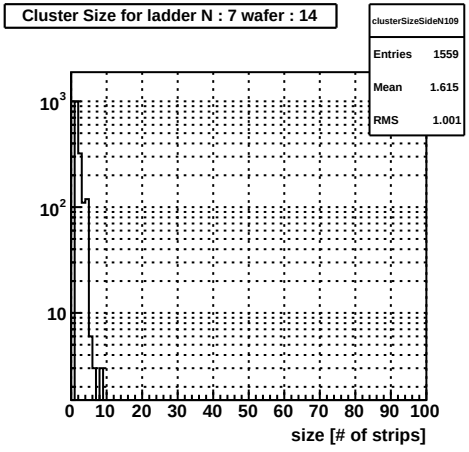

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 849
Mean 1.582
RMS 0.8632
size [# of strips]

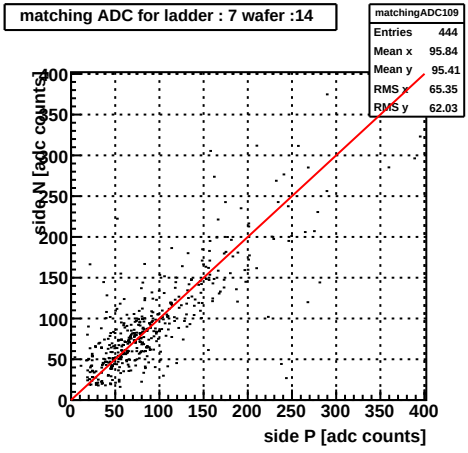

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 546
Mean x 89.31
Mean y 87.66
RMS x 66.7
RMS y 63.18
side N [adc counts]
side P [adc counts]

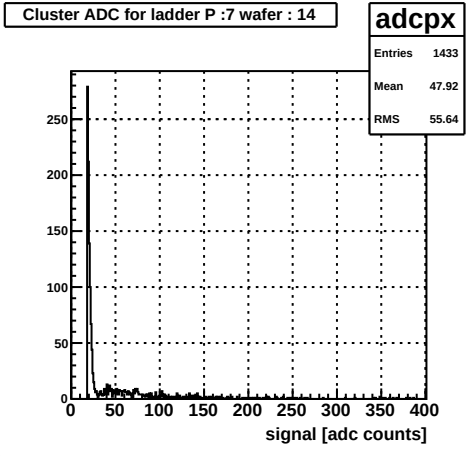

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1677
Mean 45.55
RMS 51.4
signal [adc counts]

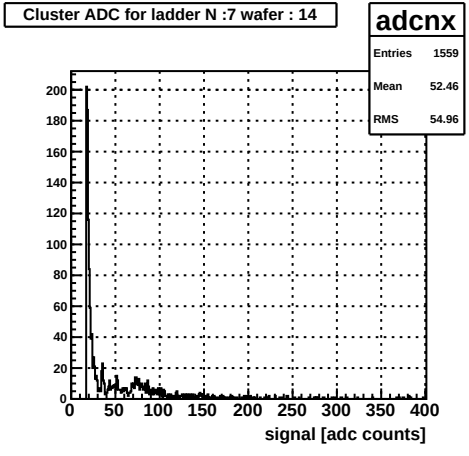

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 849
Mean 73.09
RMS 63.97
signal [adc counts]

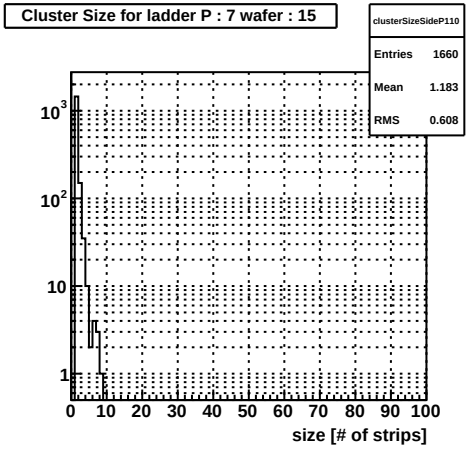

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1433
Mean 1.245
RMS 0.6335
size [# of strips]

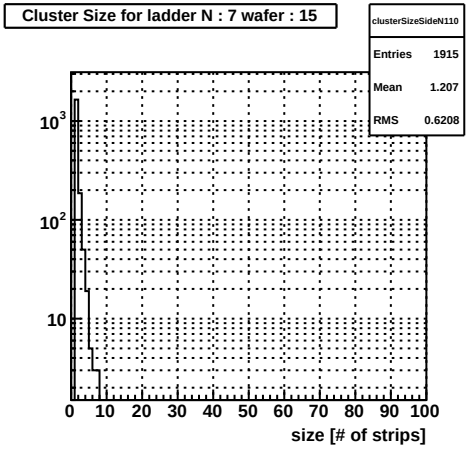

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1559
Mean 1.615
RMS 1.001
size [# of strips]

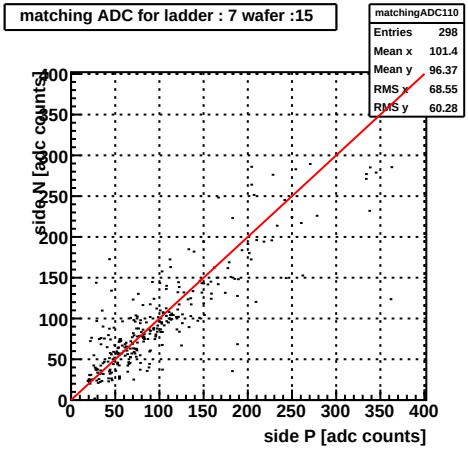

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 444
Mean x 95.84
Mean y 95.41
RMS x 65.35
RMS y 62.03
side N [adc counts]
side P [adc counts]

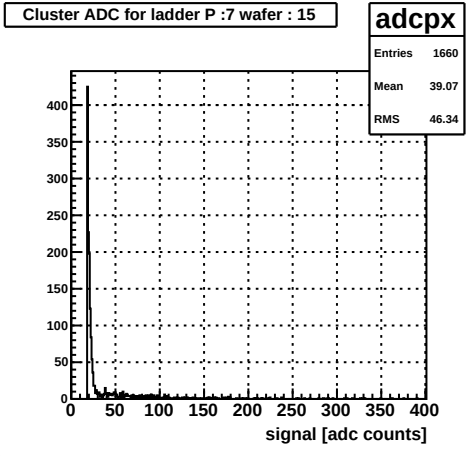

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1433
Mean 47.92
RMS 55.64
signal [adc counts]

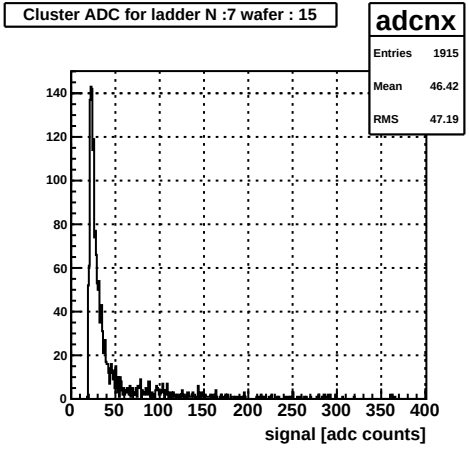

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1559
Mean 52.46
RMS 54.96
signal [adc counts]

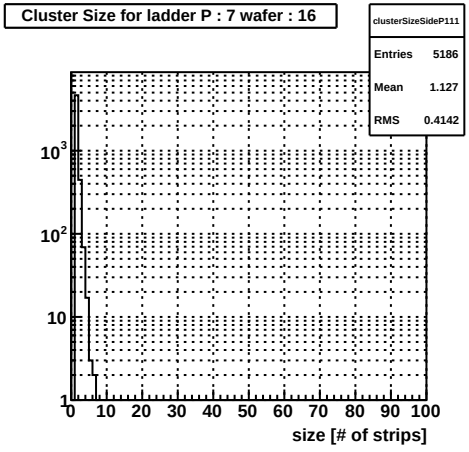

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1660
Mean 1.183
RMS 0.608
size [# of strips]

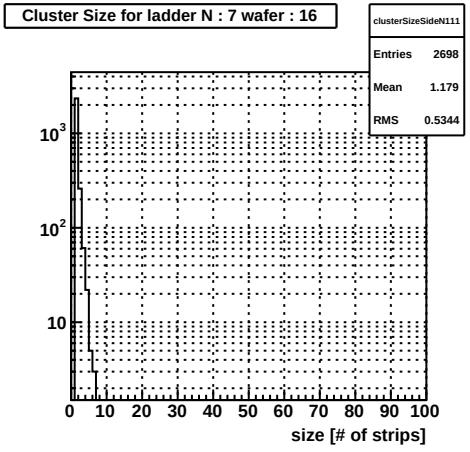

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1915
Mean 1.207
RMS 0.6208
size [# of strips]

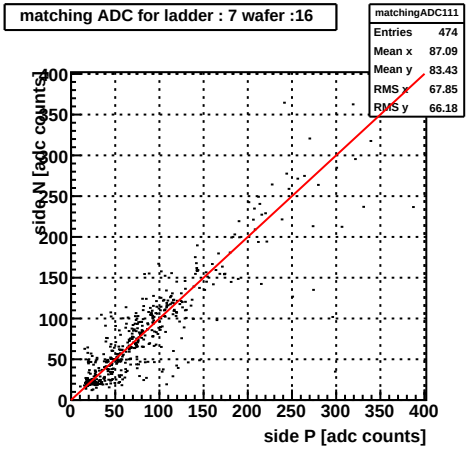

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 298
Mean x 101.4
Mean y 96.37
RMS x 68.55
RMS y 60.28
side N [adc counts]
side P [adc counts]

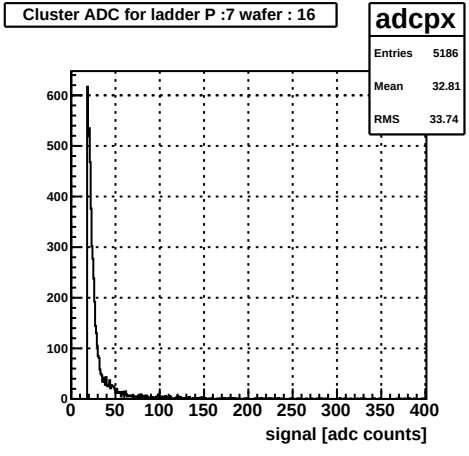

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1660
Mean 39.07
RMS 46.34
signal [adc counts]

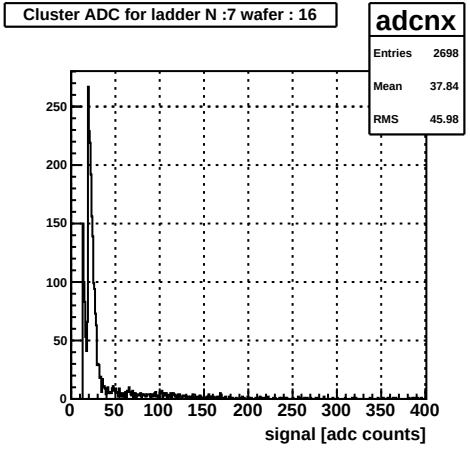

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1915
Mean 46.42
RMS 47.19
signal [adc counts]

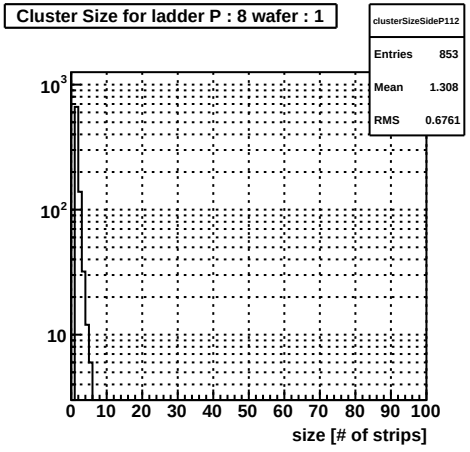

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5186
Mean 1.127
RMS 0.4142
size [# of strips]

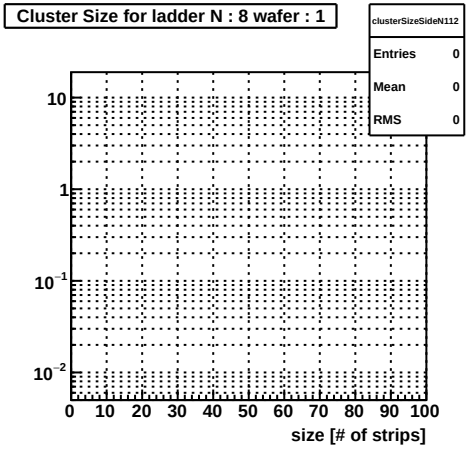

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2698
Mean 1.179
RMS 0.5344
size [# of strips]

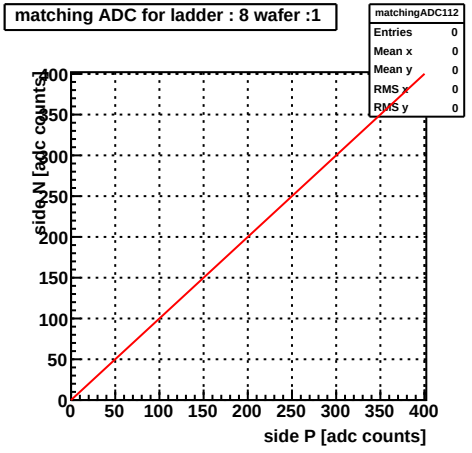

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 474
Mean x 87.09
Mean y 83.43
RMS x 67.85
RMS y 66.18
side N [adc counts]
side P [adc counts]

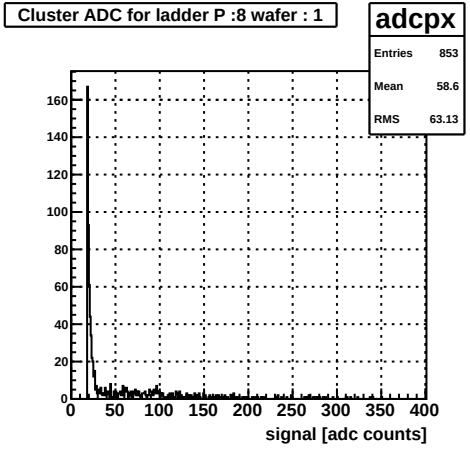

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5186
Mean 32.81
RMS 33.74
signal [adc counts]

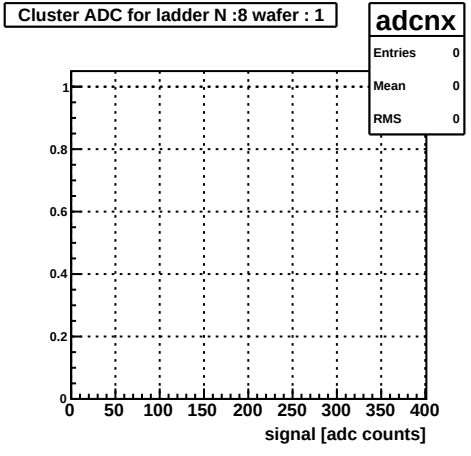

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2698
Mean 37.84
RMS 45.98
signal [adc counts]

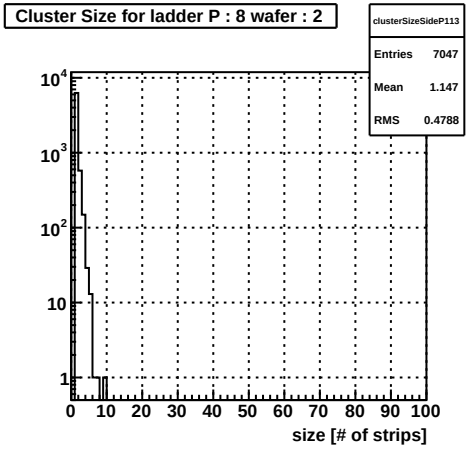

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 853
Mean 1.308
RMS 0.6761
size [# of strips]

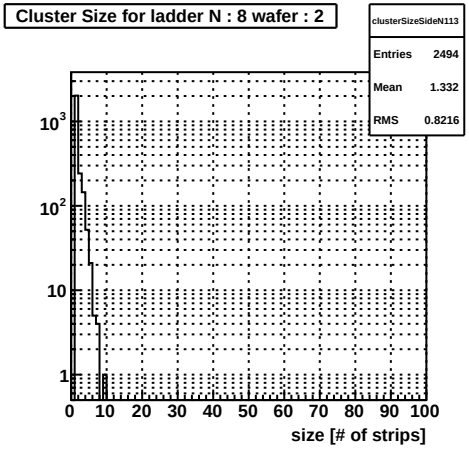

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

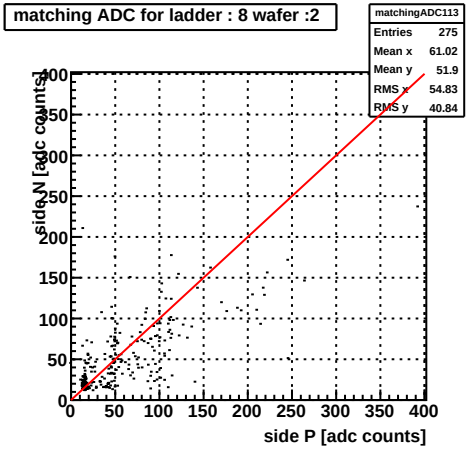

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

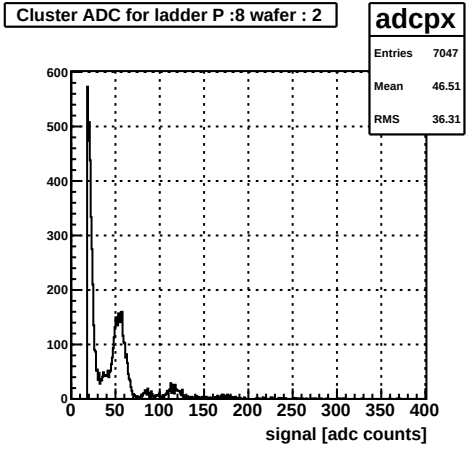

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 853
Mean 58.6
RMS 63.13
signal [adc counts]

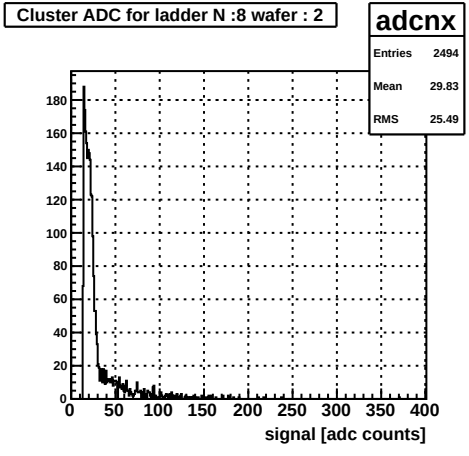

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

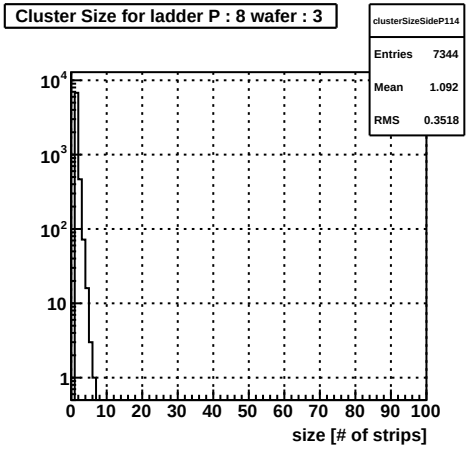

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7047
Mean 1.147
RMS 0.4788
size [# of strips]

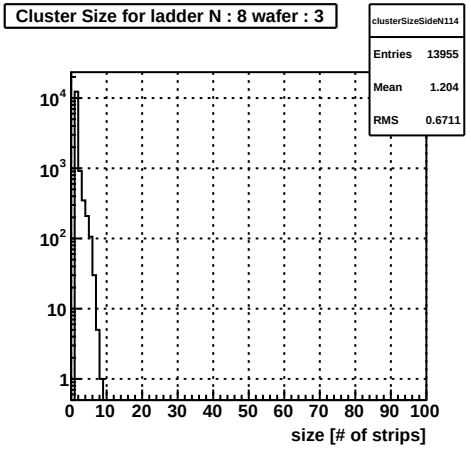

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2494
Mean 1.332
RMS 0.8216
size [# of strips]

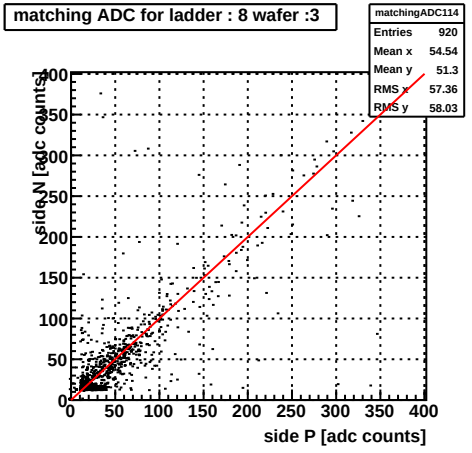

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 275
Mean x 61.02
Mean y 51.9
RMS x 54.83
RMS y 40.84
side N [adc counts]
side P [adc counts]

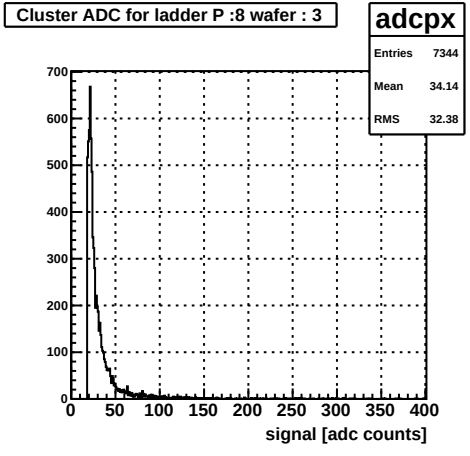

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7047
Mean 46.51
RMS 36.31
signal [adc counts]

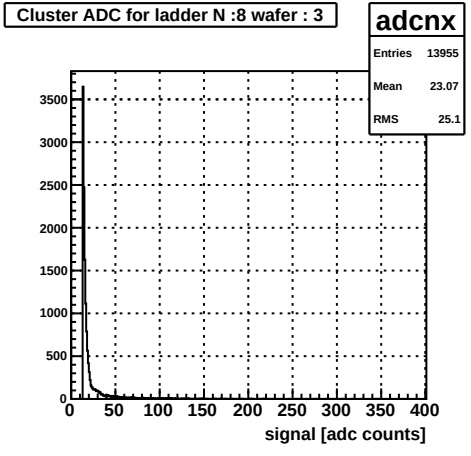

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2494
Mean 29.83
RMS 25.49
signal [adc counts]

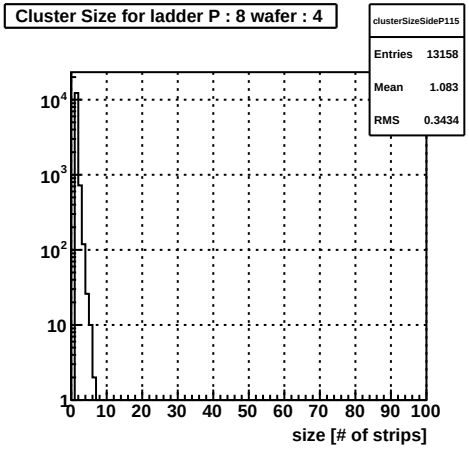

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7344
Mean 1.092
RMS 0.3518
size [# of strips]

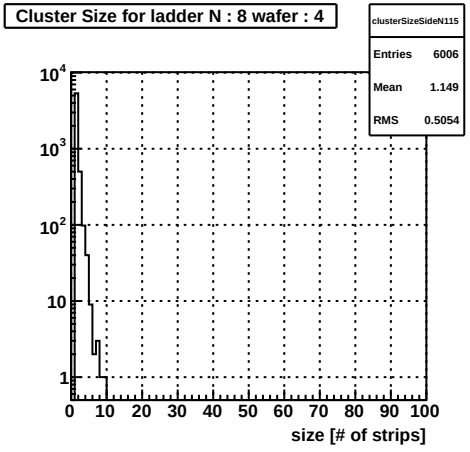

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 13955
Mean 1.204
RMS 0.6711
size [# of strips]

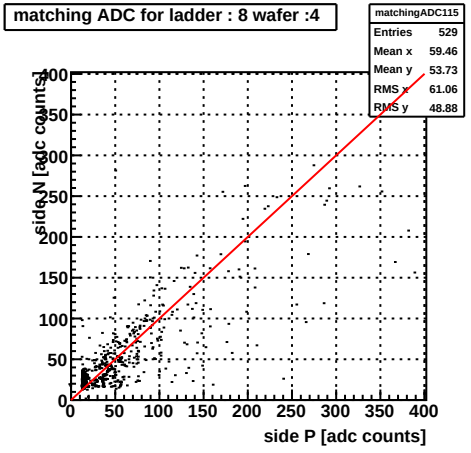

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 920
Mean x 54.54
Mean y 51.3
RMS x 57.36
RMS y 58.03
side N [adc counts]
side P [adc counts]

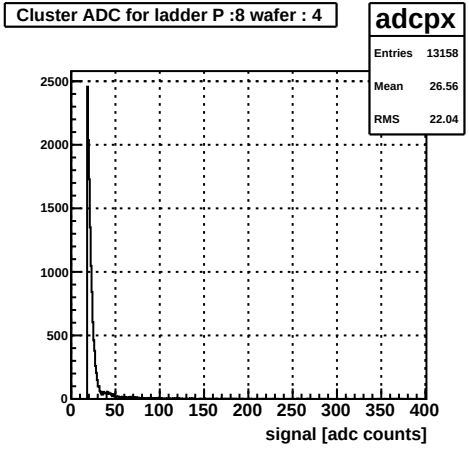

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7344
Mean 34.14
RMS 32.38
signal [adc counts]

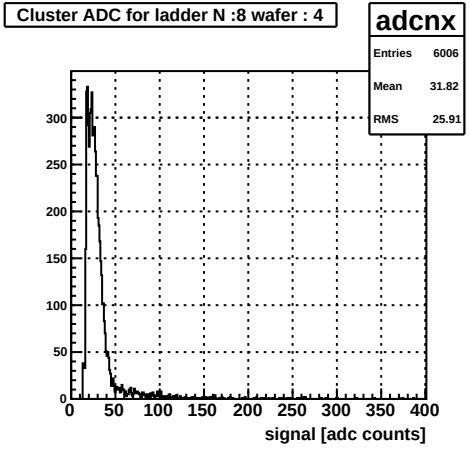

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 13955
Mean 23.07
RMS 25.1
signal [adc counts]

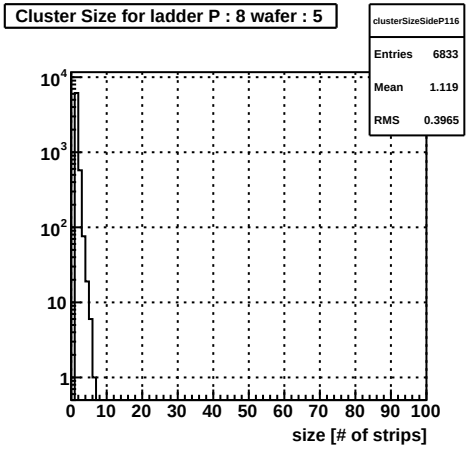

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13158
Mean 1.083
RMS 0.3434
size [# of strips]

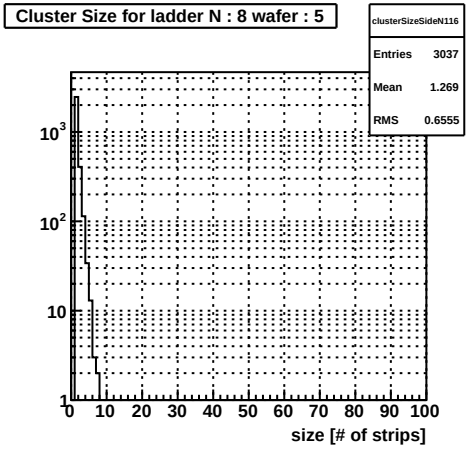

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 6006
Mean 1.149
RMS 0.5054
size [# of strips]

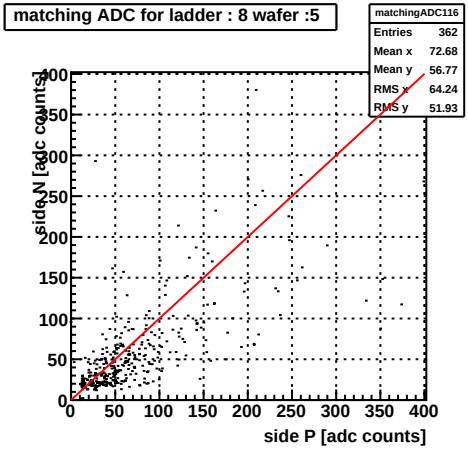

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 529
Mean x 59.46
Mean y 53.73
RMS x 61.06
RMS y 48.88
side N [adc counts]
side P [adc counts]

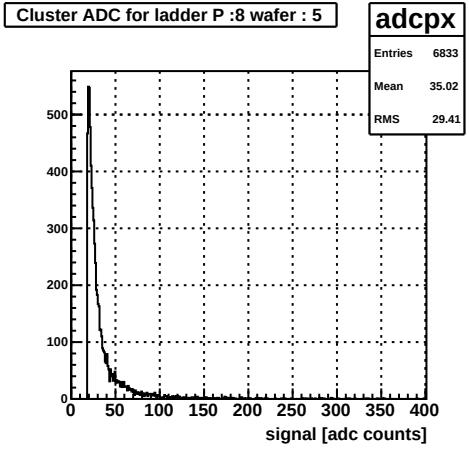

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13158
Mean 26.56
RMS 22.04
signal [adc counts]

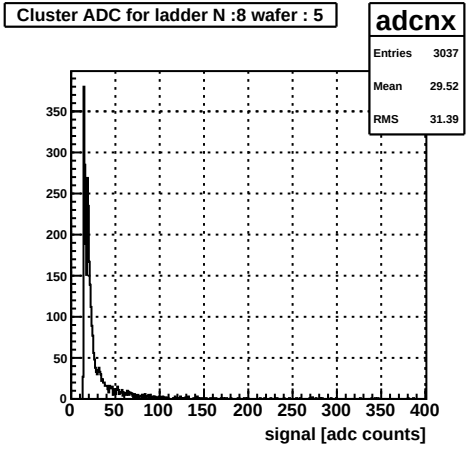

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 6006
Mean 31.82
RMS 25.91
signal [adc counts]

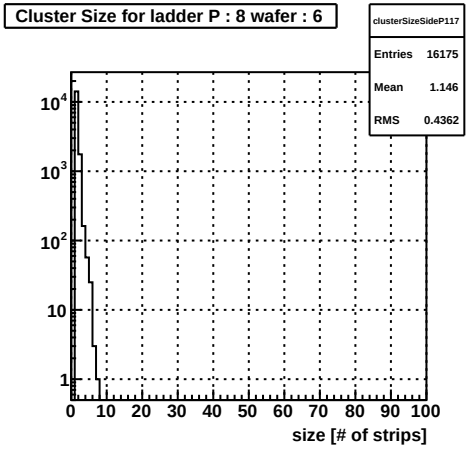

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6833
Mean 1.119
RMS 0.3965
size [# of strips]

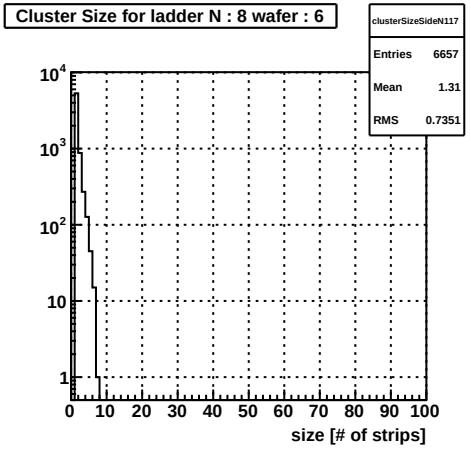

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3037
Mean 1.269
RMS 0.6555
size [# of strips]

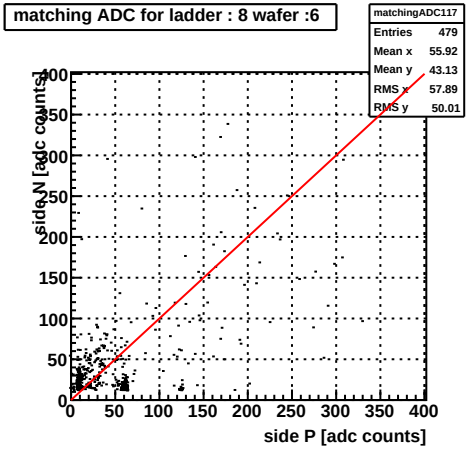

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 362
Mean x 72.68
Mean y 56.77
RMS x 64.24
RMS y 51.93
side N [adc counts]
side P [adc counts]

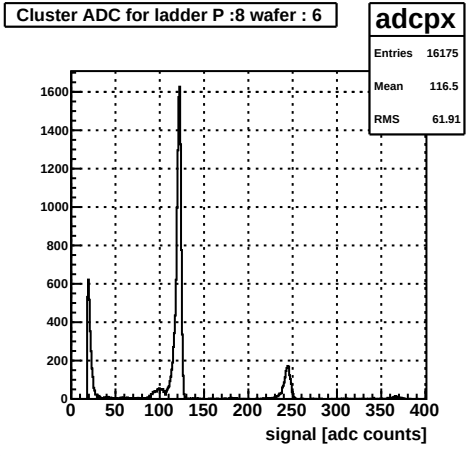

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6833
Mean 35.02
RMS 29.41
signal [adc counts]

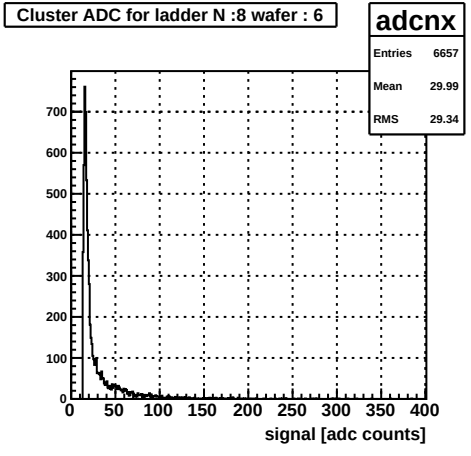

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3037
Mean 29.52
RMS 31.39
signal [adc counts]

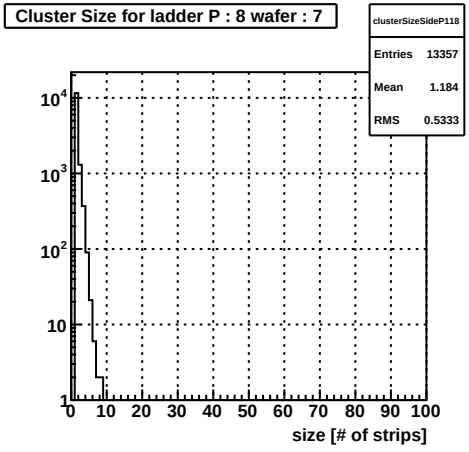

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16175
Mean 1.146
RMS 0.4362
size [# of strips]

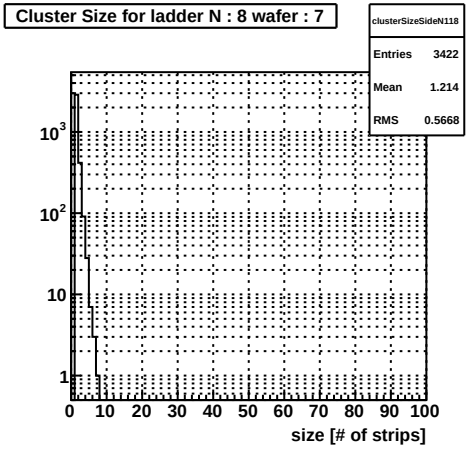

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6657
Mean 1.31
RMS 0.7351
size [# of strips]

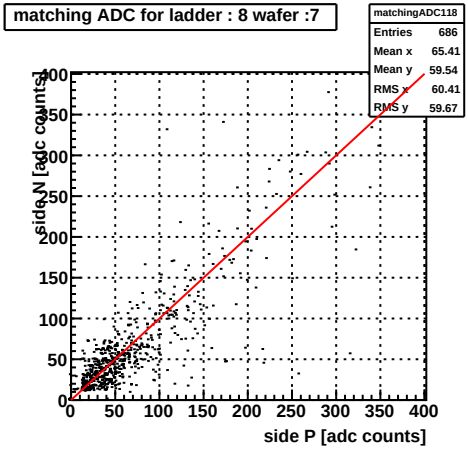

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 479
Mean x 55.92
Mean y 43.13
RMS x 57.89
RMS y 50.01
side N [adc counts]
side P [adc counts]

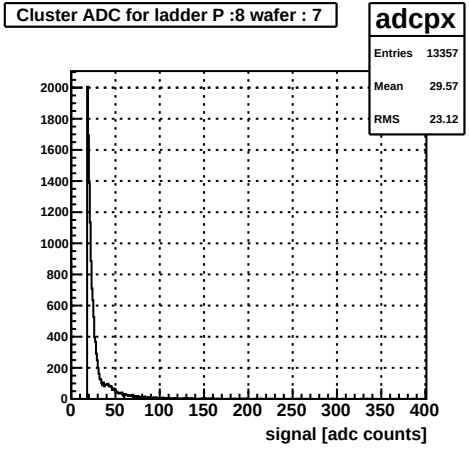

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16175
Mean 116.5
RMS 61.91
signal [adc counts]

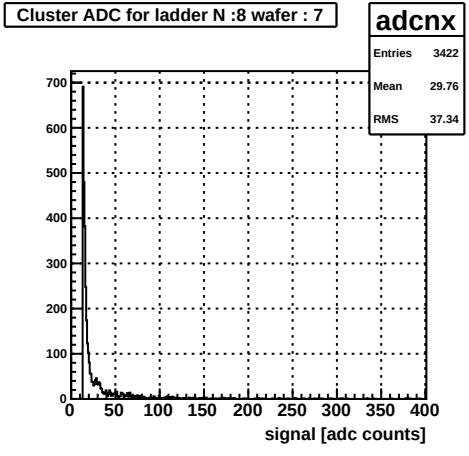

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6657
Mean 29.99
RMS 29.34
signal [adc counts]

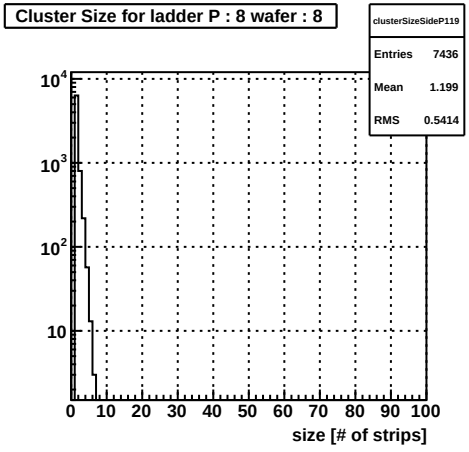

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13357
Mean 1.184
RMS 0.5333
size [# of strips]

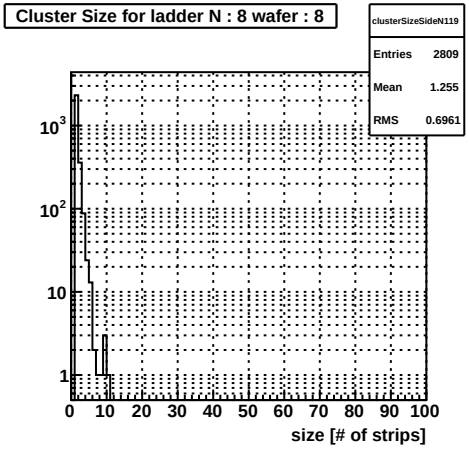

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3422
Mean 1.214
RMS 0.5668
size [# of strips]

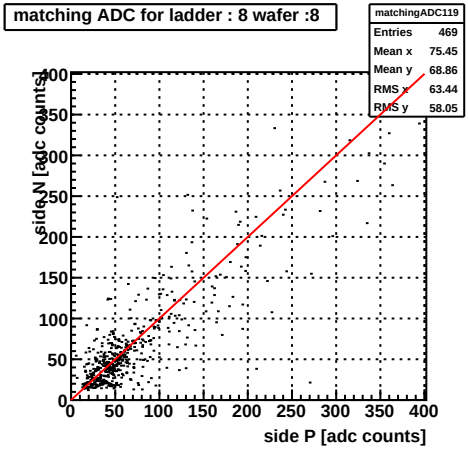

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 686
Mean x 65.41
Mean y 59.54
RMS x 60.41
RMS y 59.67
side N [adc counts]
side P [adc counts]

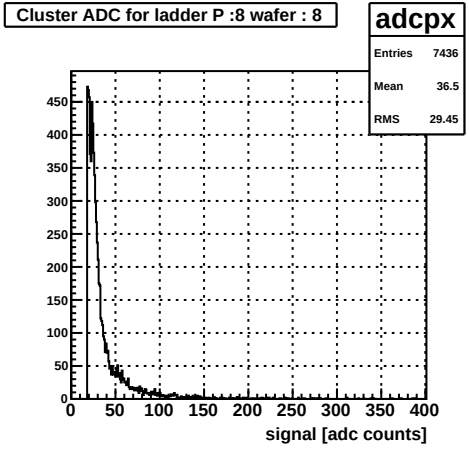

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13357
Mean 29.57
RMS 23.12
signal [adc counts]

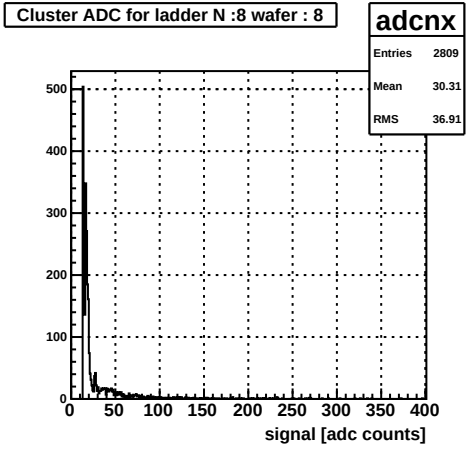

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3422
Mean 29.76
RMS 37.34
signal [adc counts]

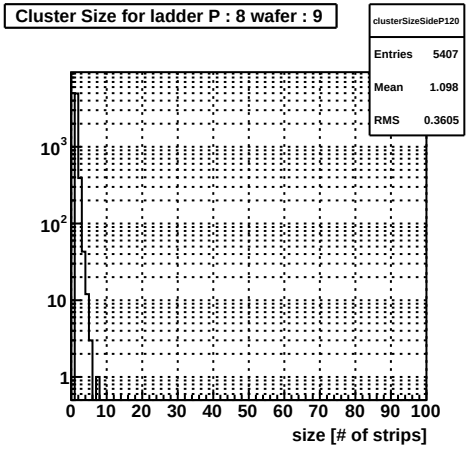

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7436
Mean 1.199
RMS 0.5414
size [# of strips]

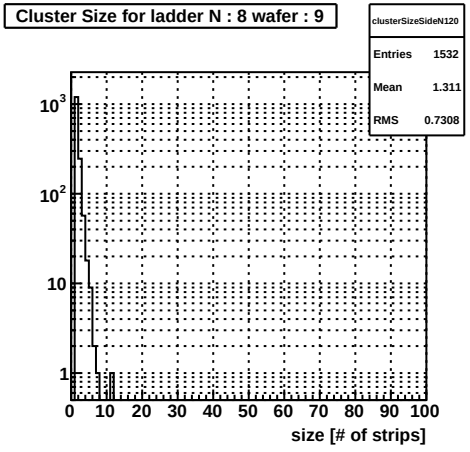

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2809
Mean 1.255
RMS 0.6961
size [# of strips]

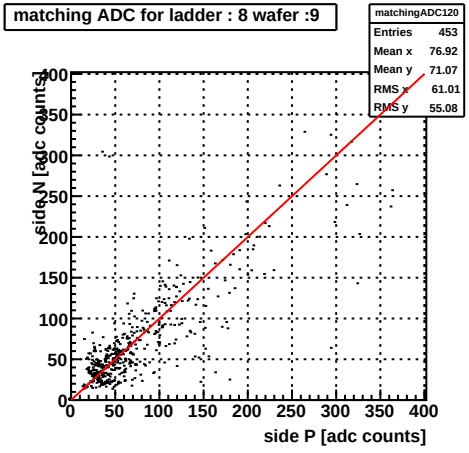

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 469
Mean x 75.45
Mean y 68.86
RMS x 63.44
RMS y 58.05
side N [adc counts]
side P [adc counts]

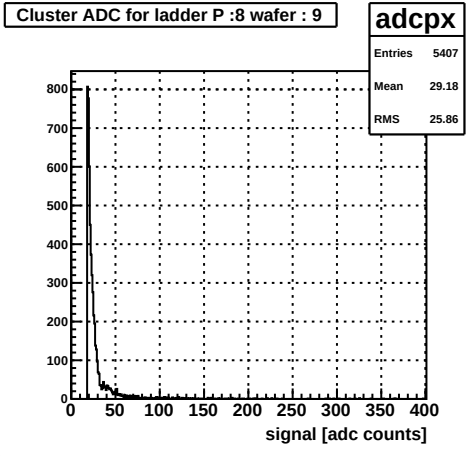

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7436
Mean 36.5
RMS 29.45
signal [adc counts]

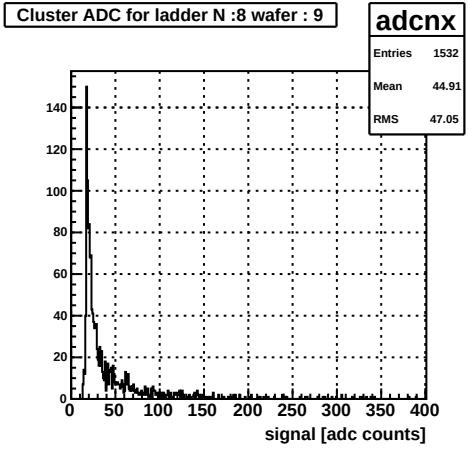

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2809
Mean 30.31
RMS 36.91
signal [adc counts]

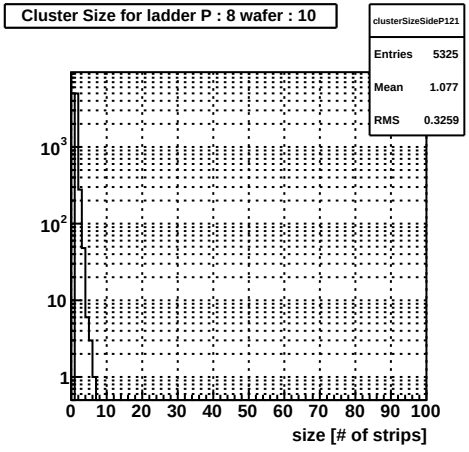

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5407
Mean 1.098
RMS 0.3605
size [# of strips]

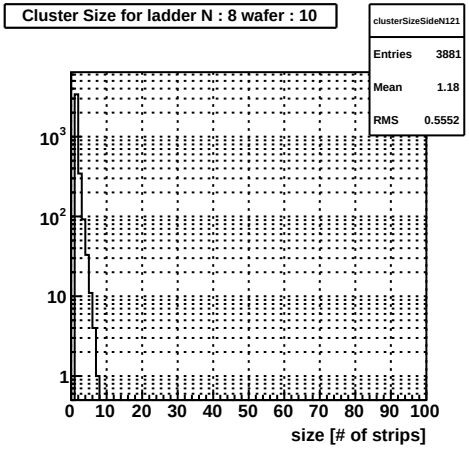

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1532
Mean 1.311
RMS 0.7308
size [# of strips]

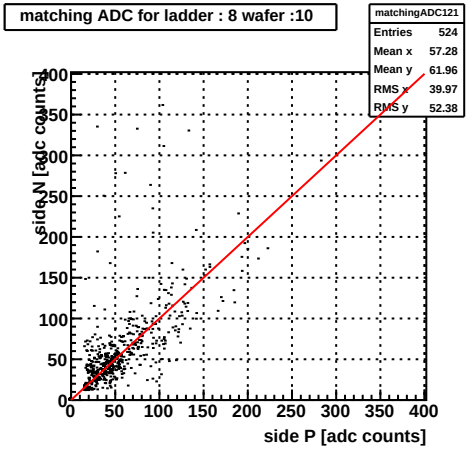

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 453
Mean x 76.92
Mean y 71.07
RMS x 61.01
RMS y 55.08
side N [adc counts]
side P [adc counts]

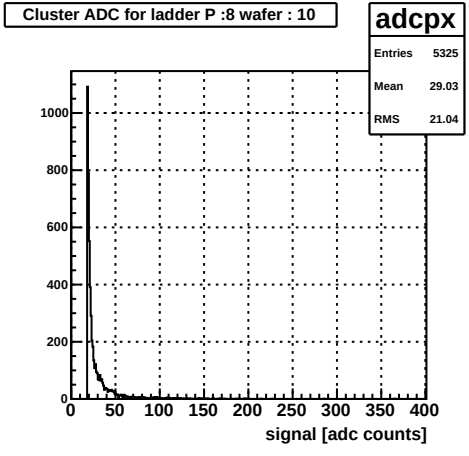

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5407
Mean 29.18
RMS 25.86
signal [adc counts]

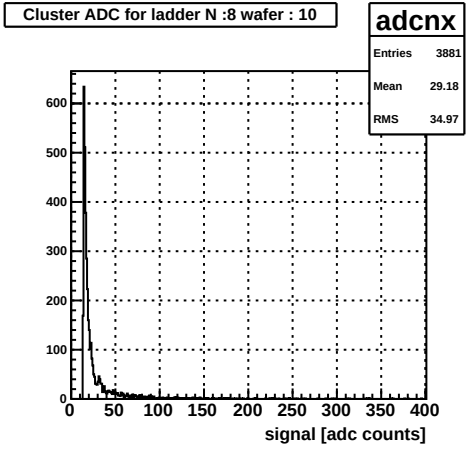

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1532
Mean 44.91
RMS 47.05
signal [adc counts]

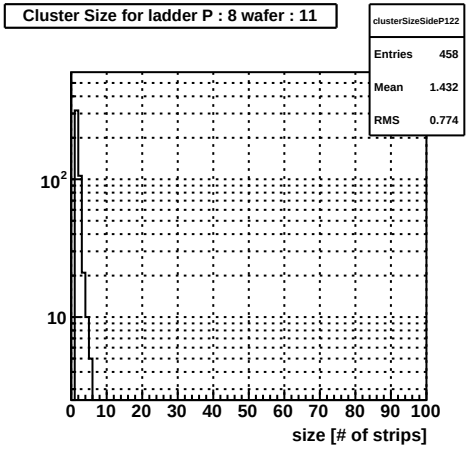

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5325
Mean 1.077
RMS 0.3259
size [# of strips]

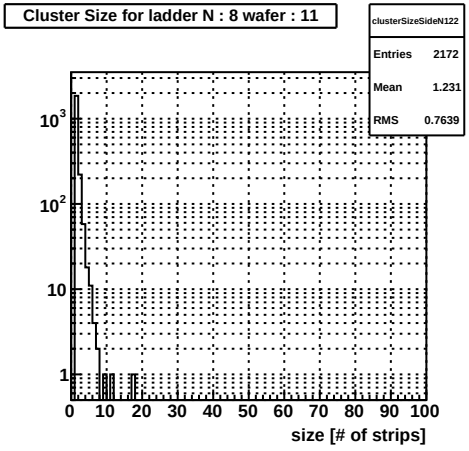

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3881
Mean 1.18
RMS 0.5552
size [# of strips]

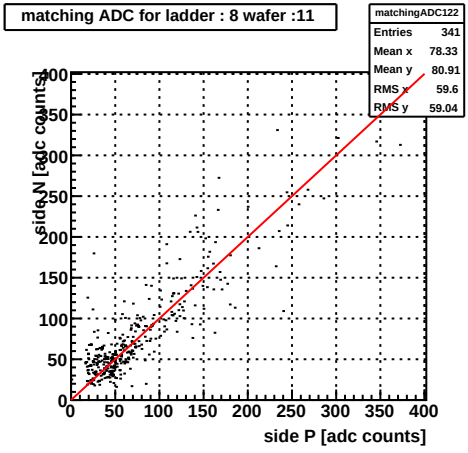

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 524
Mean x 57.28
Mean y 61.96
RMS x 39.97
RMS y 52.38
side N [adc counts]
side P [adc counts]

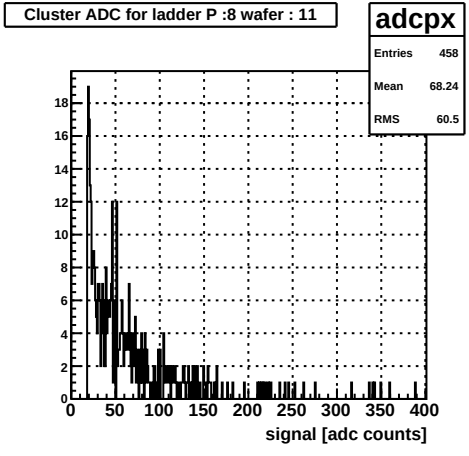

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5325
Mean 29.03
RMS 21.04
signal [adc counts]

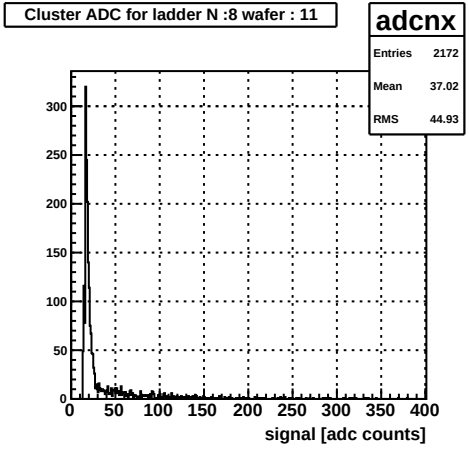

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3881
Mean 29.18
RMS 34.97
signal [adc counts]

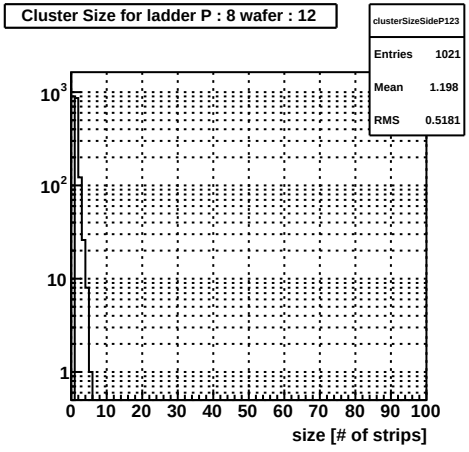

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 458
Mean 1.432
RMS 0.774
size [# of strips]

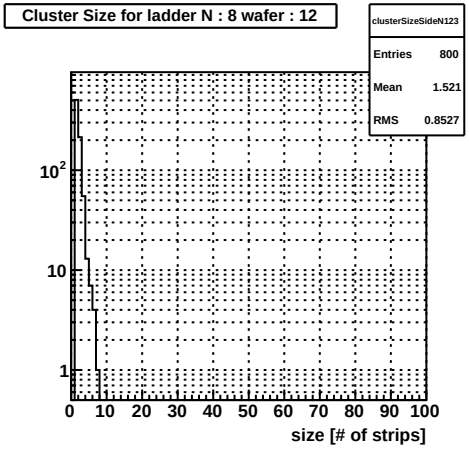

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2172
Mean 1.231
RMS 0.7639
size [# of strips]

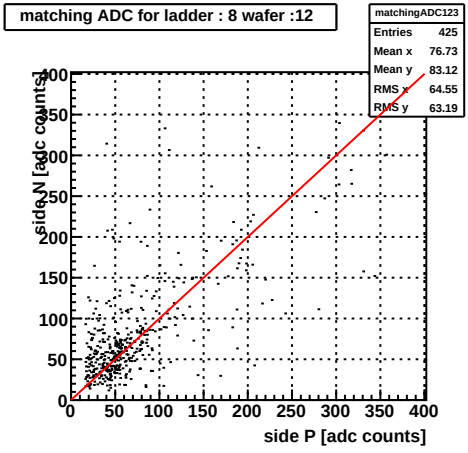

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 341
Mean x 78.33
Mean y 80.91
RMS x 59.6
RMS y 59.04
side N [adc counts]
side P [adc counts]

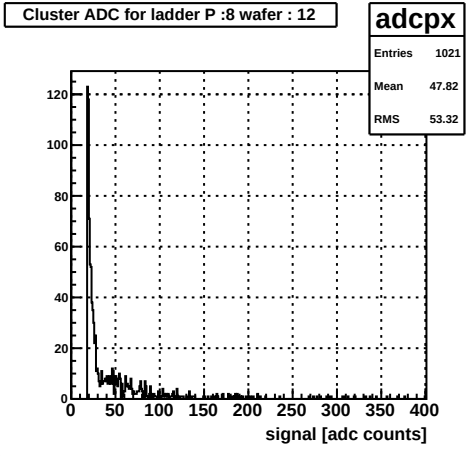

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 458
Mean 68.24
RMS 60.5
signal [adc counts]

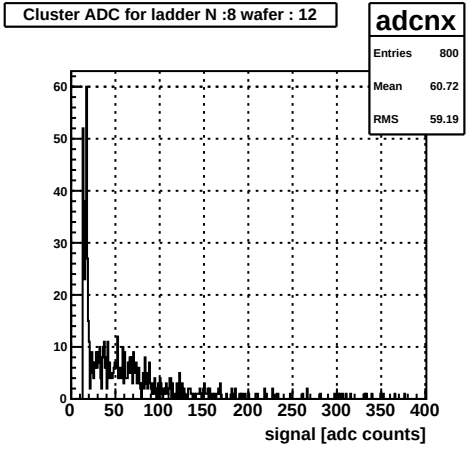

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2172
Mean 37.02
RMS 44.93
signal [adc counts]

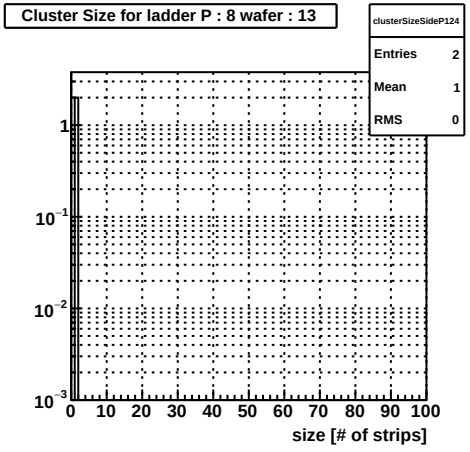

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1021
Mean 1.198
RMS 0.5181
size [# of strips]

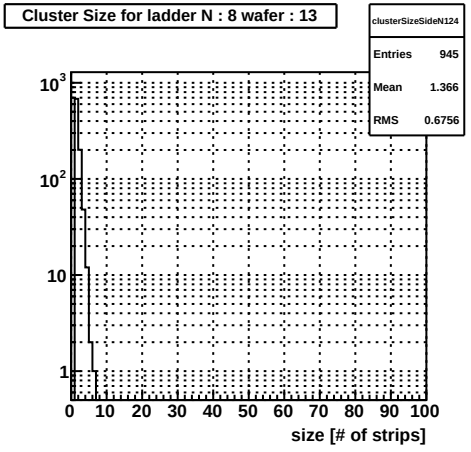

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 800
Mean 1.521
RMS 0.8527
size [# of strips]

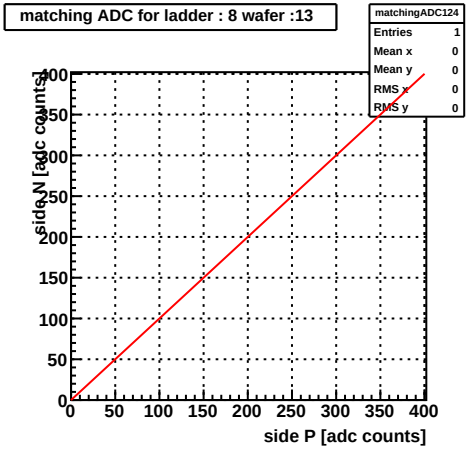

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 425
Mean x 76.73
Mean y 83.12
RMS x 64.55
RMS y 63.19
side N [adc counts]
side P [adc counts]

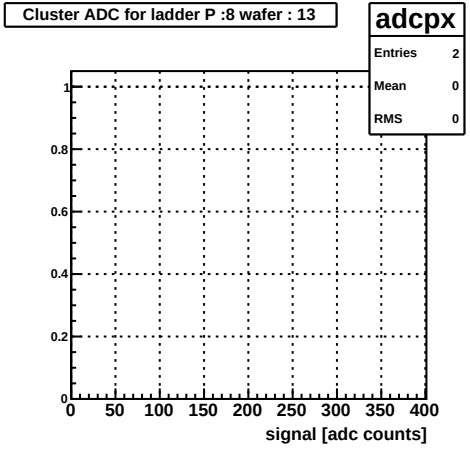

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1021
Mean 47.82
RMS 53.32
signal [adc counts]

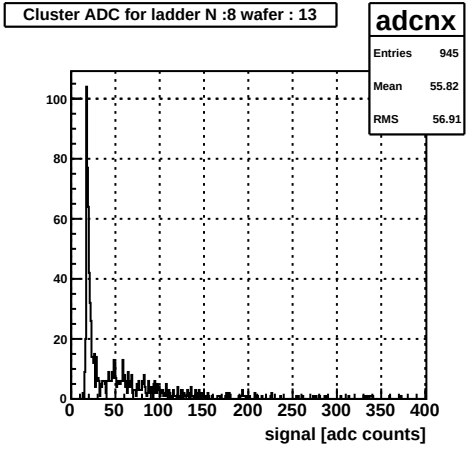

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 800
Mean 60.72
RMS 59.19
signal [adc counts]

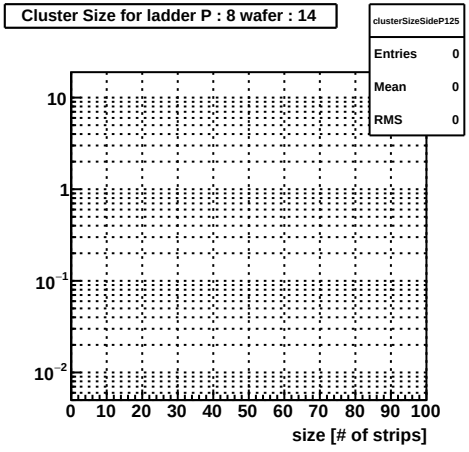

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

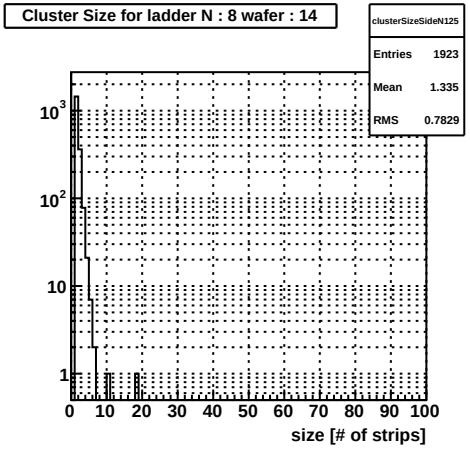

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 945
Mean 1.366
RMS 0.6756
size [# of strips]

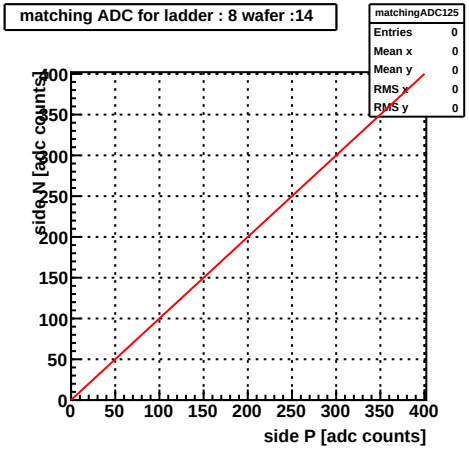

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

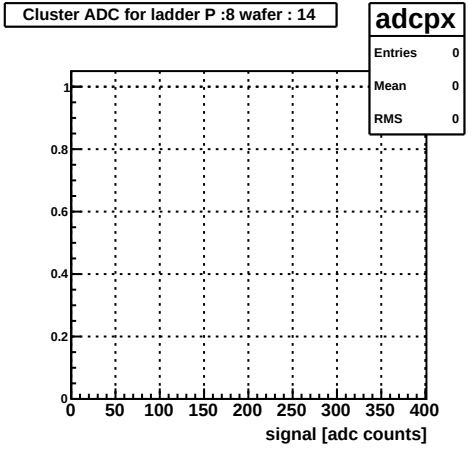

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

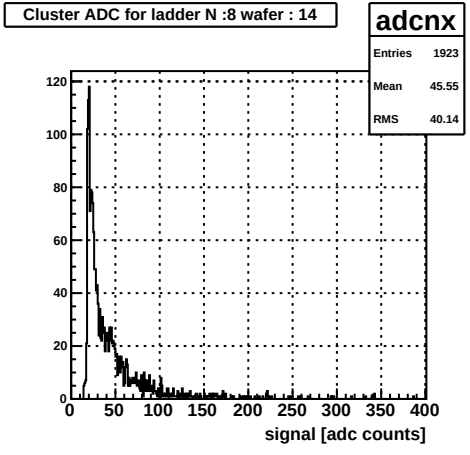

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 945
Mean 55.82
RMS 56.91
signal [adc counts]

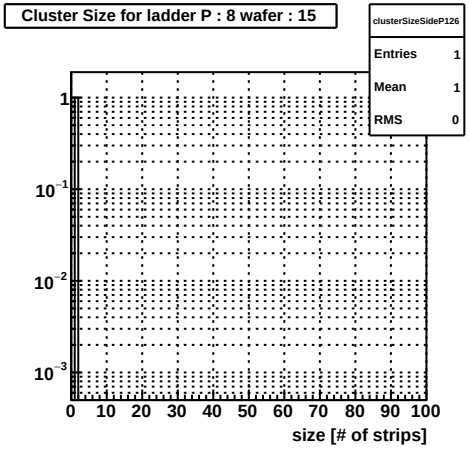

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

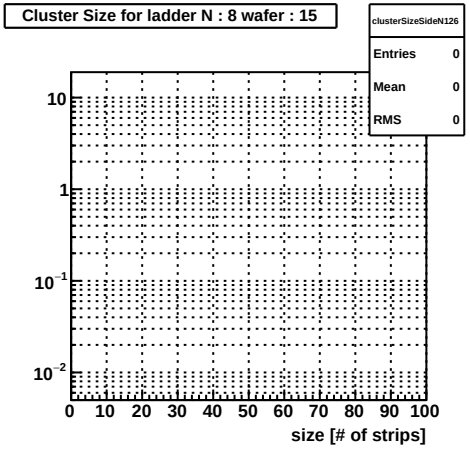

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1923
Mean 1.335
RMS 0.7829
size [# of strips]

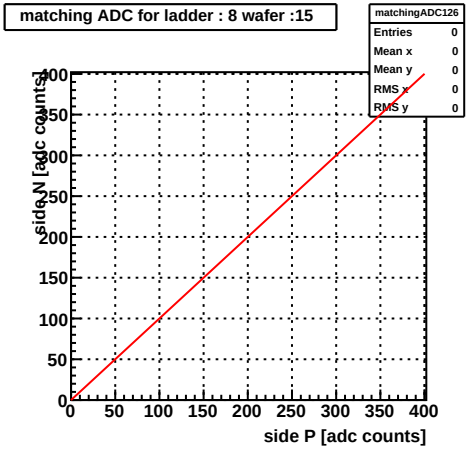

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

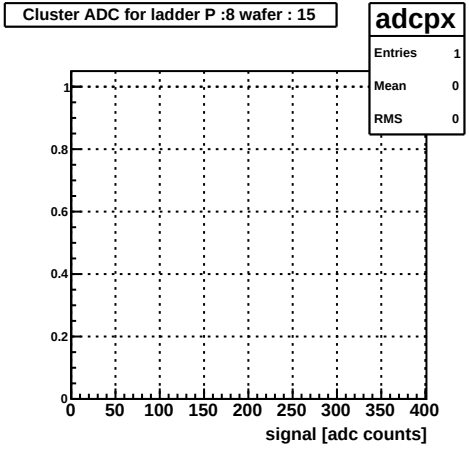

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

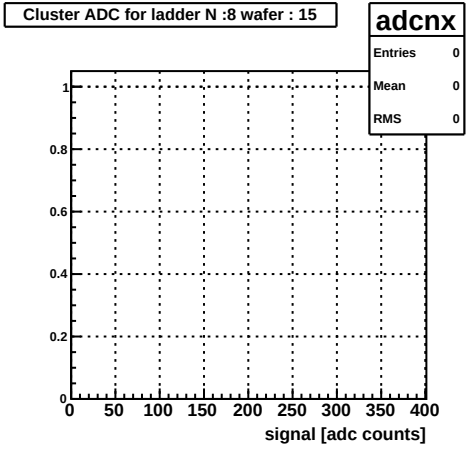

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1923
Mean 45.55
RMS 40.14
signal [adc counts]

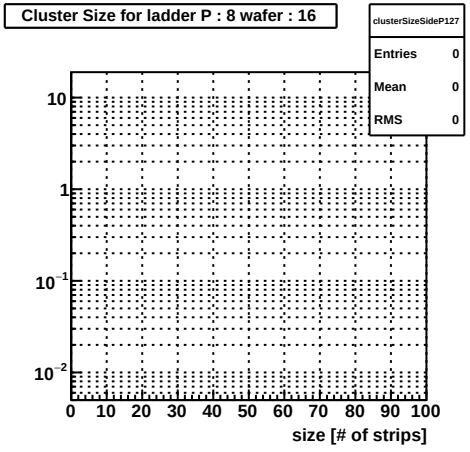

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

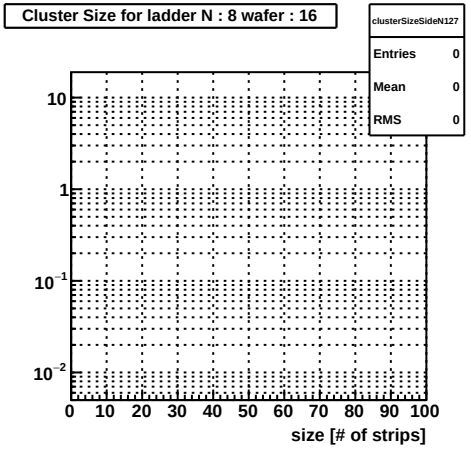

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

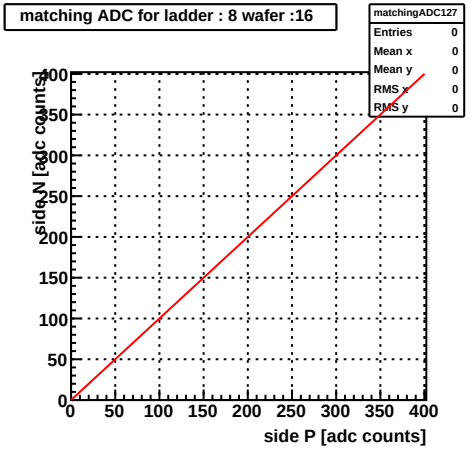

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

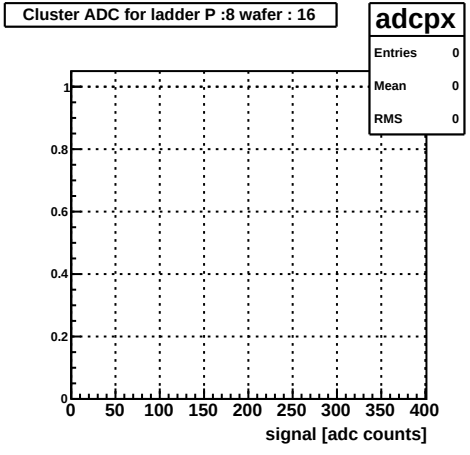

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

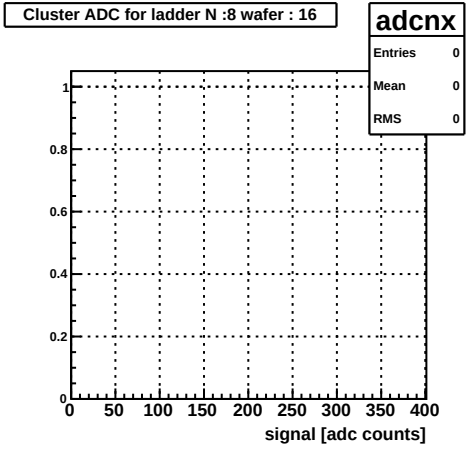

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

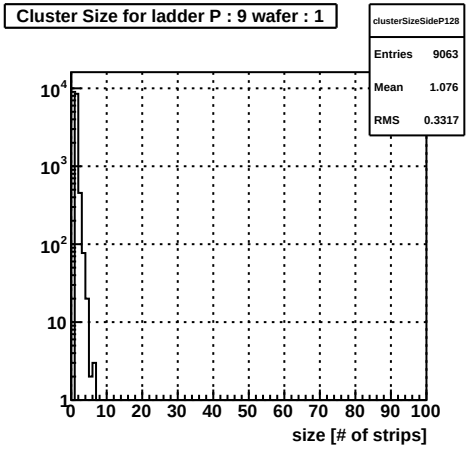

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

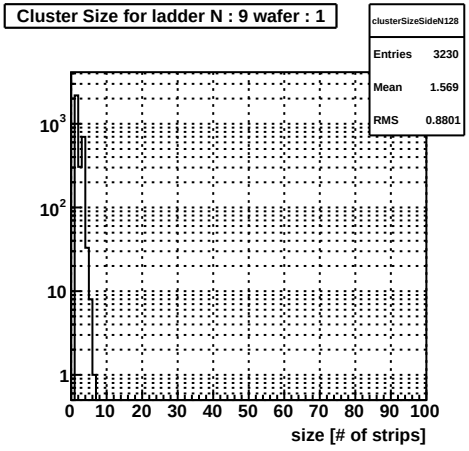

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

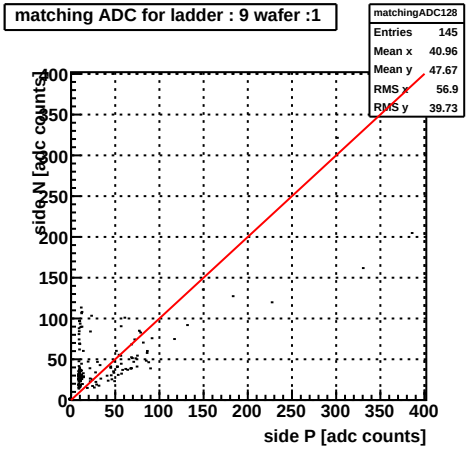

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

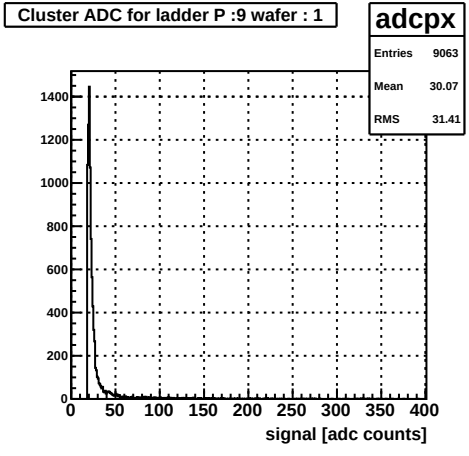

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

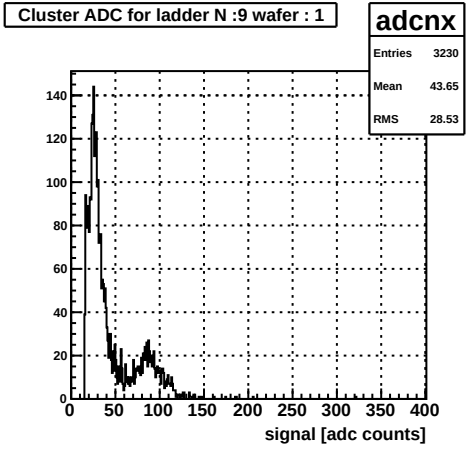

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

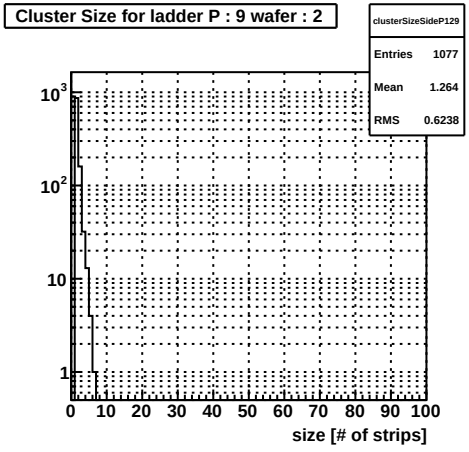

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9063
Mean 1.076
RMS 0.3317
size [# of strips]

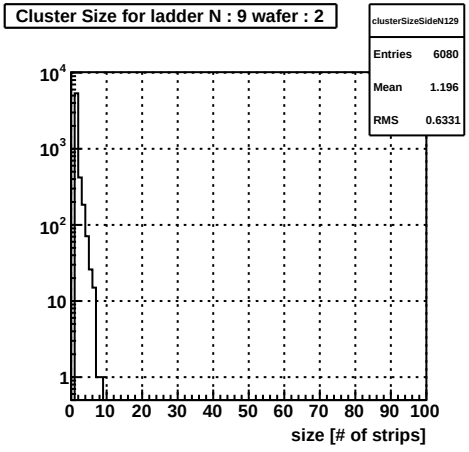

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3230
Mean 1.569
RMS 0.8801
size [# of strips]

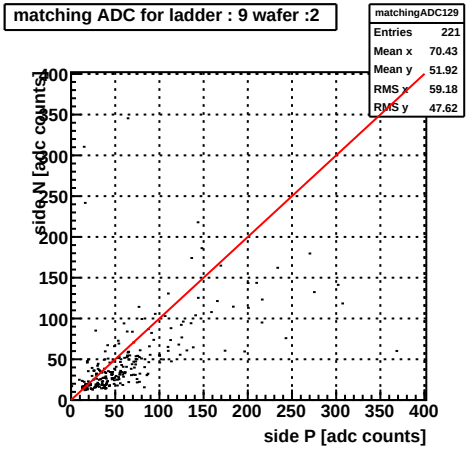

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 145
Mean x 40.96
Mean y 47.67
RMS x 56.9
RMS y 39.73
side N [adc counts]
side P [adc counts]

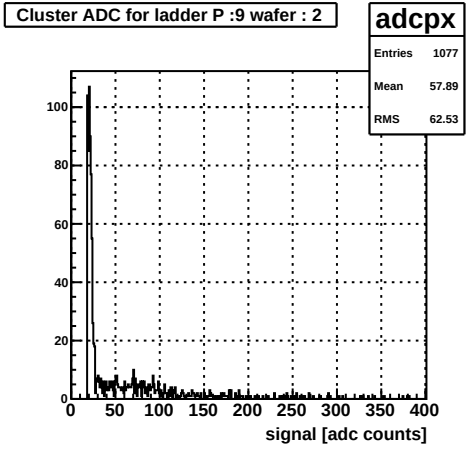

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9063
Mean 30.07
RMS 31.41
signal [adc counts]

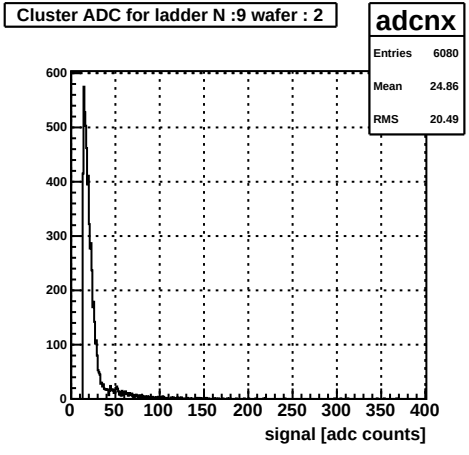

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3230
Mean 43.65
RMS 28.53
signal [adc counts]

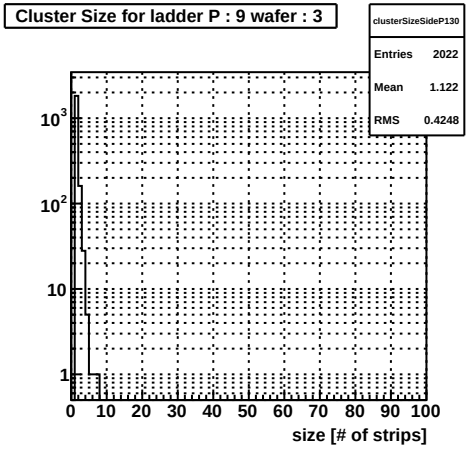

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1077
Mean 1.264
RMS 0.6238
size [# of strips]

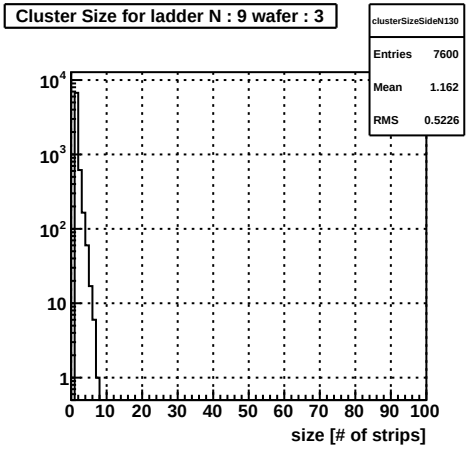

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6080
Mean 1.196
RMS 0.6331
size [# of strips]

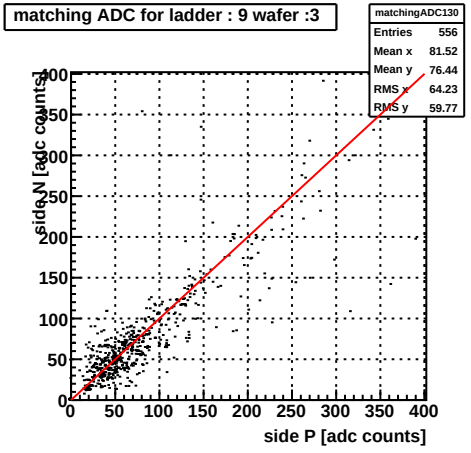

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 221
Mean x 70.43
Mean y 51.92
RMS x 59.18
RMS y 47.62
side N [adc counts]
side P [adc counts]

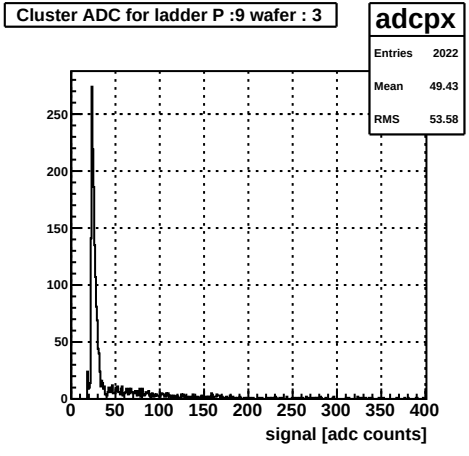

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1077
Mean 57.89
RMS 62.53
signal [adc counts]

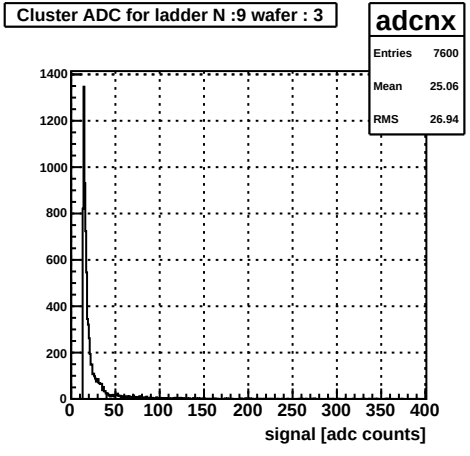

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6080
Mean 24.86
RMS 20.49
signal [adc counts]

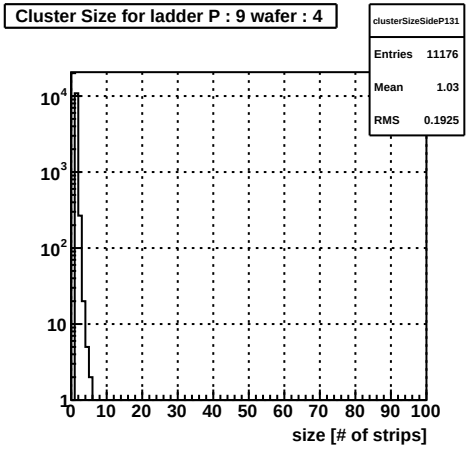

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2022
Mean 1.122
RMS 0.4248
size [# of strips]

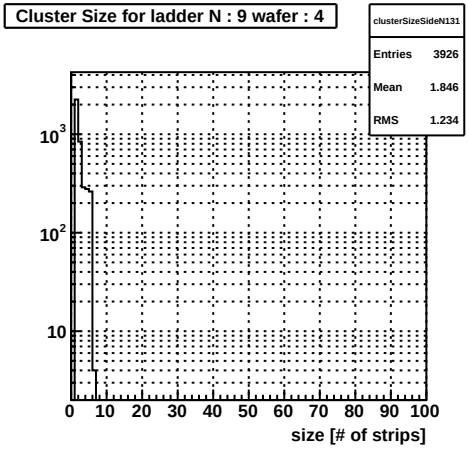

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7600
Mean 1.162
RMS 0.5226
size [# of strips]

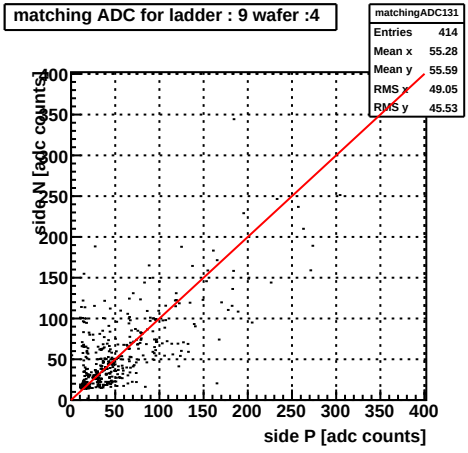

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 556
Mean x 81.52
Mean y 76.44
RMS x 64.23
RMS y 59.77
side N [adc counts]
side P [adc counts]

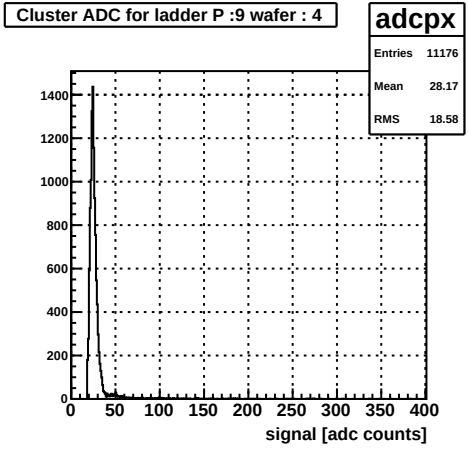

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2022
Mean 49.43
RMS 53.58
signal [adc counts]

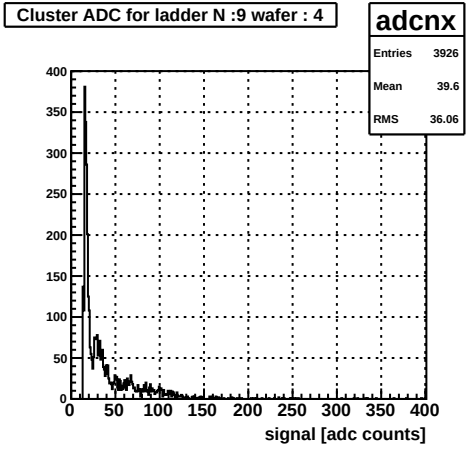

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7600
Mean 25.06
RMS 26.94
signal [adc counts]

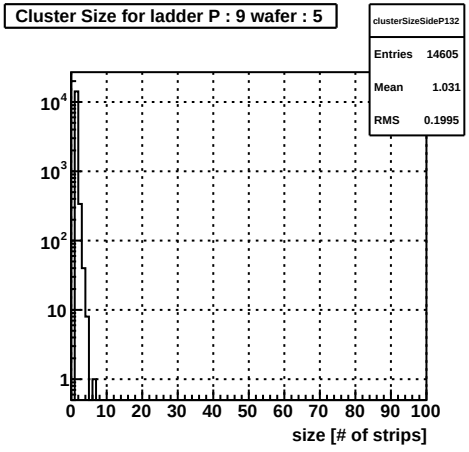

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11176
Mean 1.03
RMS 0.1925
size [# of strips]

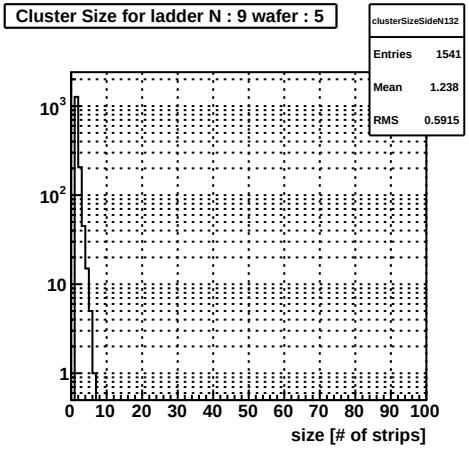

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3926
Mean 1.846
RMS 1.234
size [# of strips]

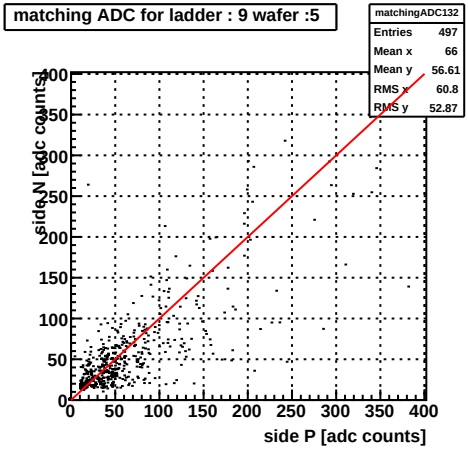

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 414
Mean x 55.28
Mean y 55.59
RMS x 49.05
RMS y 45.53
side N [adc counts]
side P [adc counts]

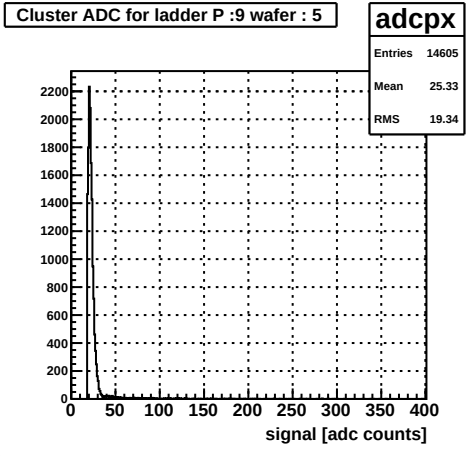

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11176
Mean 28.17
RMS 18.58
signal [adc counts]

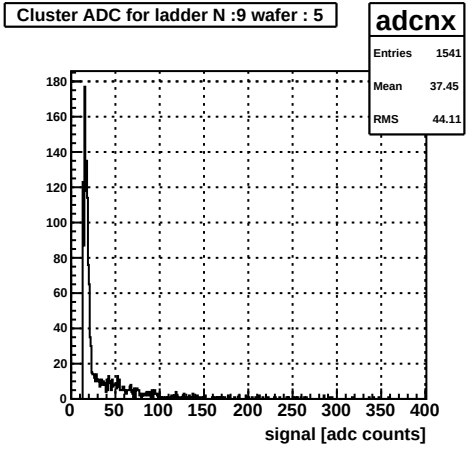

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3926
Mean 39.6
RMS 36.06
signal [adc counts]

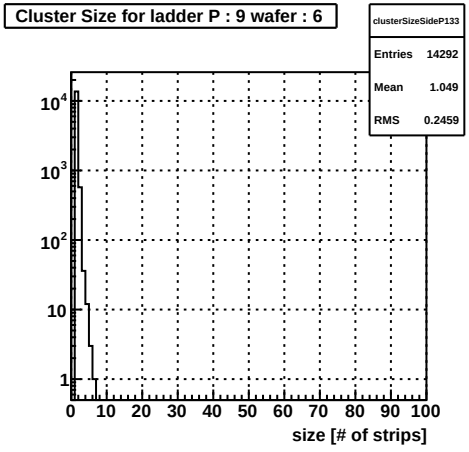

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14605
Mean 1.031
RMS 0.1995
size [# of strips]

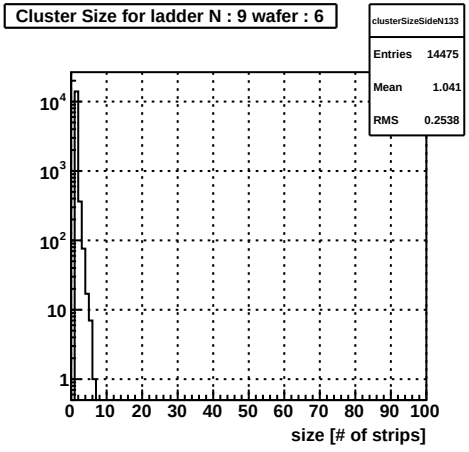

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1541
Mean 1.238
RMS 0.5915
size [# of strips]

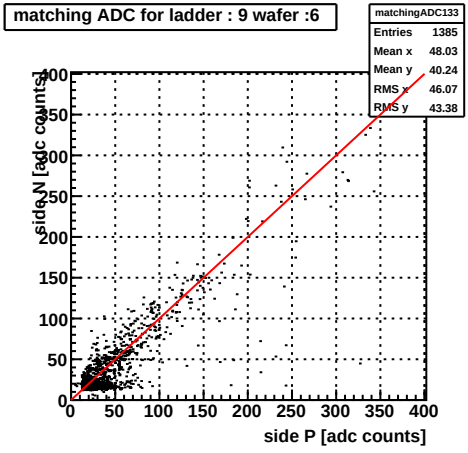

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 497
Mean x 66
Mean y 56.61
RMS x 60.8
RMS y 52.87
side N [adc counts]
side P [adc counts]

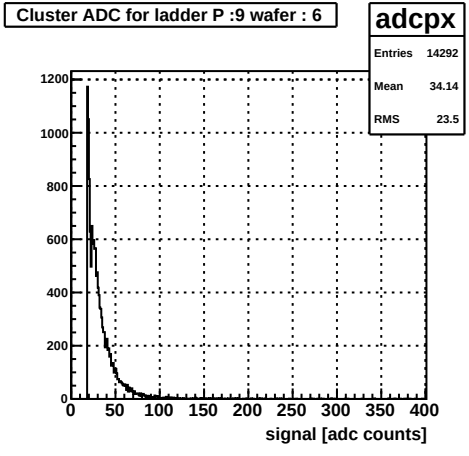

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14605
Mean 25.33
RMS 19.34
signal [adc counts]

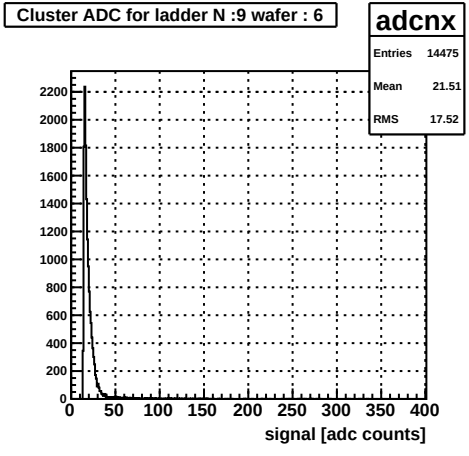

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1541
Mean 37.45
RMS 44.11
signal [adc counts]

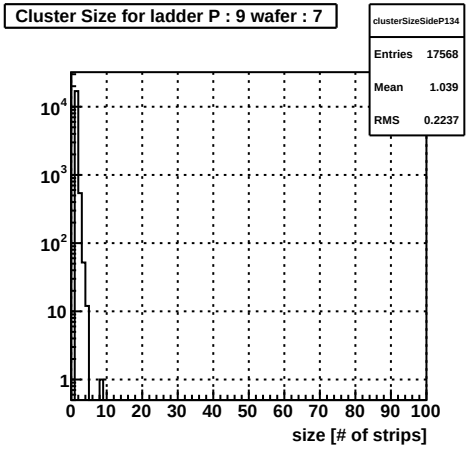

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14292
Mean 1.049
RMS 0.2459
size [# of strips]

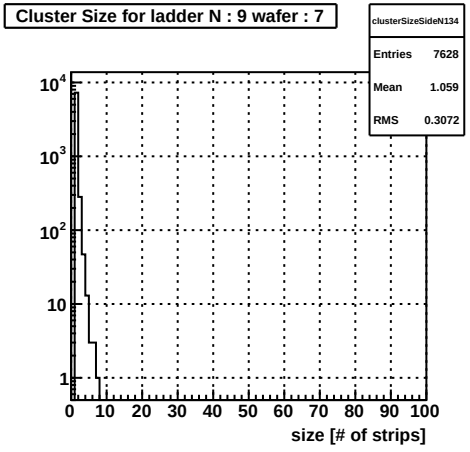

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 14475
Mean 1.041
RMS 0.2538
size [# of strips]

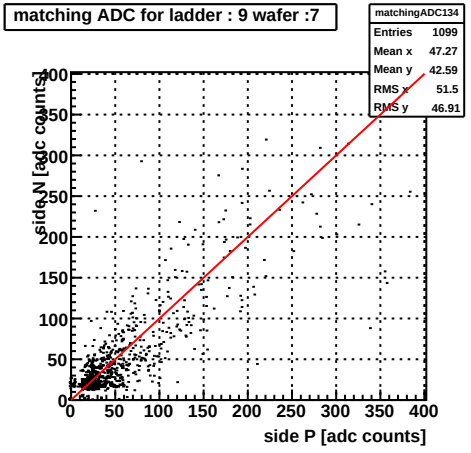

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1385
Mean x 48.03
Mean y 40.24
RMS x 46.07
RMS y 43.38
side N [adc counts]
side P [adc counts]

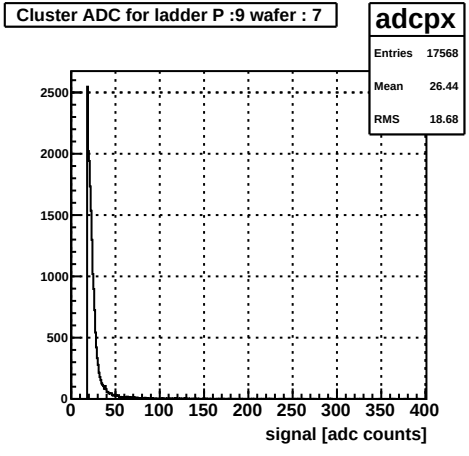

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14292
Mean 34.14
RMS 23.5
signal [adc counts]

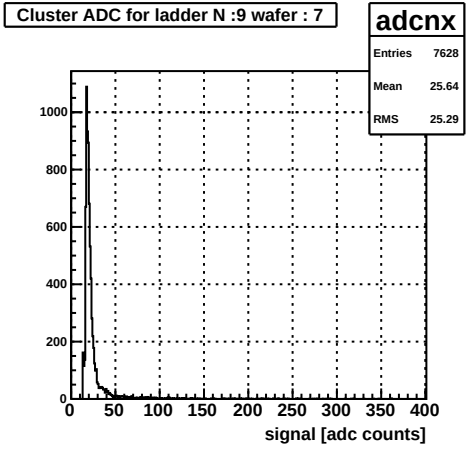

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 14475
Mean 21.51
RMS 17.52
signal [adc counts]

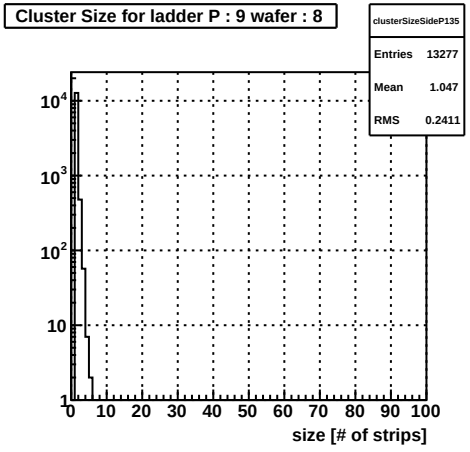

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 17568
Mean 1.039
RMS 0.2237
size [# of strips]

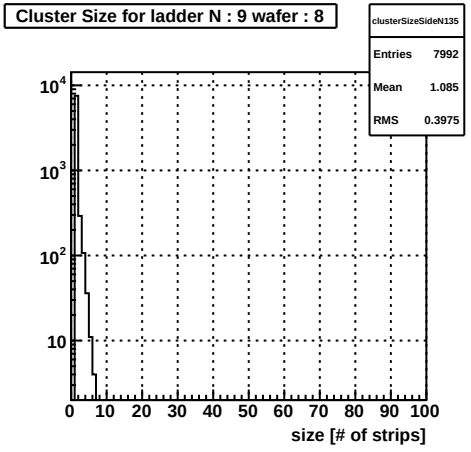

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 7628
Mean 1.059
RMS 0.3072
size [# of strips]

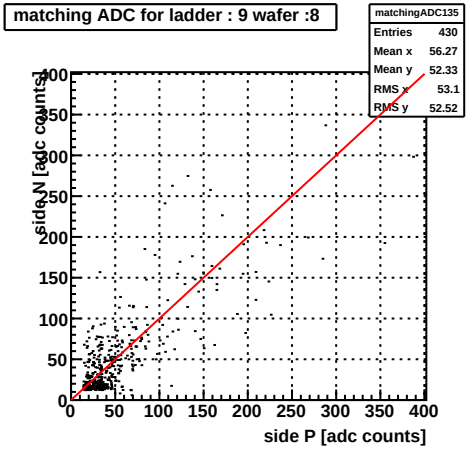

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1099
Mean x 47.27
Mean y 42.59
RMS x 51.5
RMS y 46.91
side N [adc counts]
side P [adc counts]

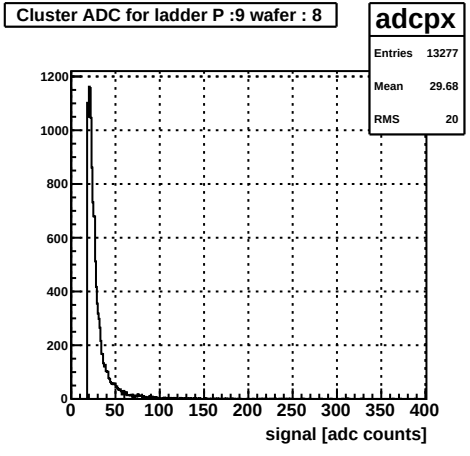

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 17568
Mean 26.44
RMS 18.68
signal [adc counts]

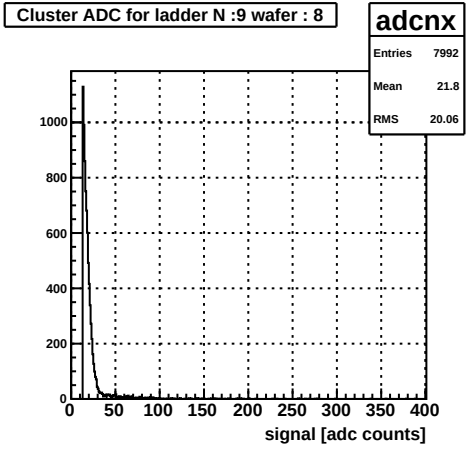

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 7628
Mean 25.64
RMS 25.29
signal [adc counts]

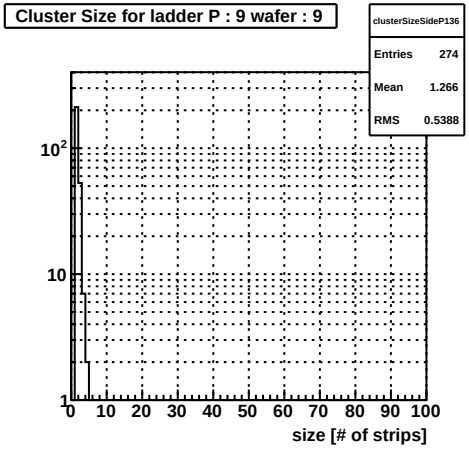

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13277
Mean 1.047
RMS 0.2411
size [# of strips]

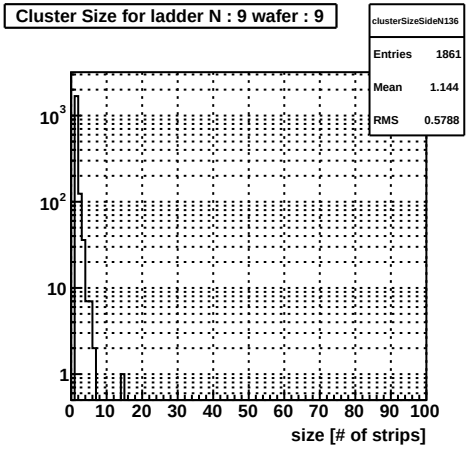

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7992
Mean 1.085
RMS 0.3975
size [# of strips]

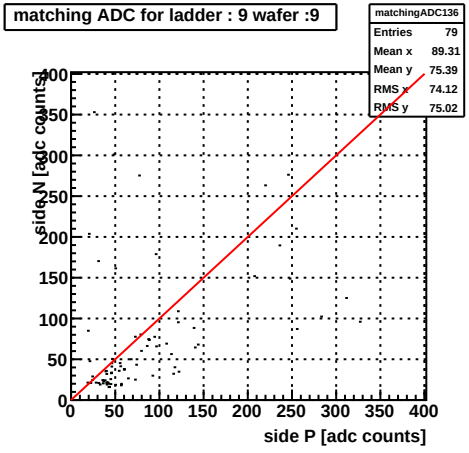

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 430
Mean x 56.27
Mean y 52.33
RMS x 53.1
RMS y 52.52
side N [adc counts]
side P [adc counts]

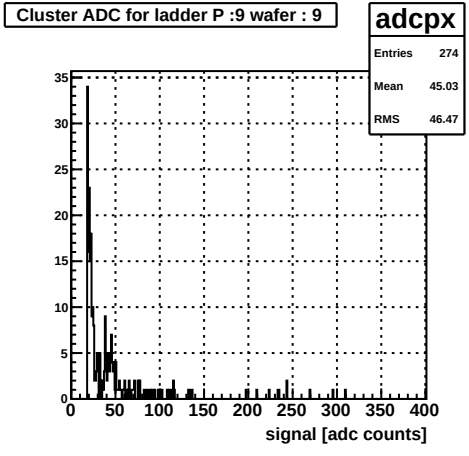

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13277
Mean 29.68
RMS 20
signal [adc counts]

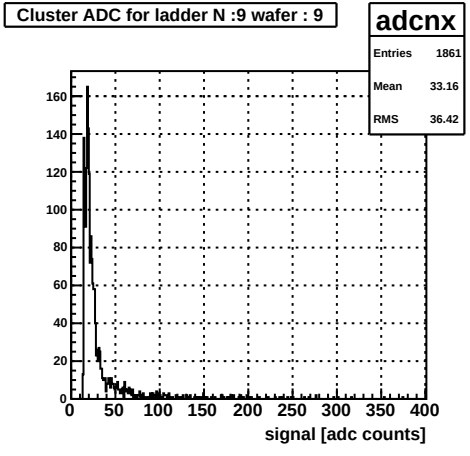

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7992
Mean 21.8
RMS 20.06
signal [adc counts]

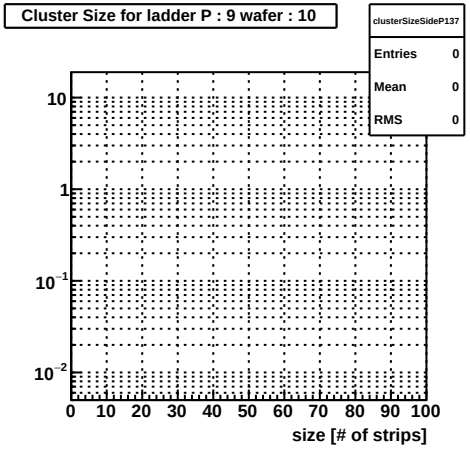

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 274
Mean 1.266
RMS 0.5388
size [# of strips]

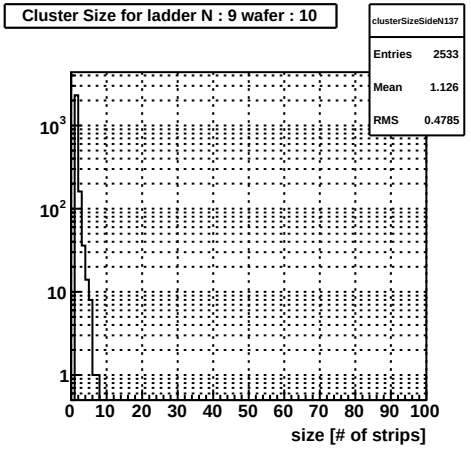

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1861
Mean 1.144
RMS 0.5788
size [# of strips]

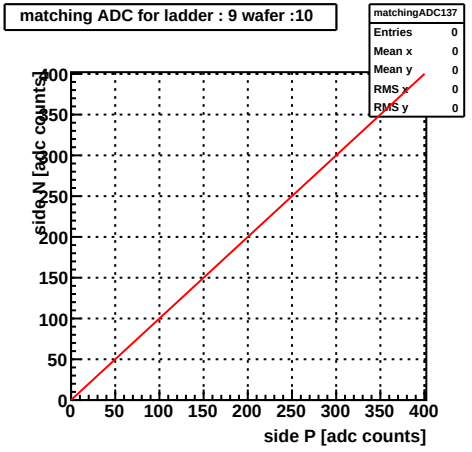

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 79
Mean x 89.31
Mean y 75.39
RMS x 74.12
RMS y 75.02
side N [adc counts]
side P [adc counts]

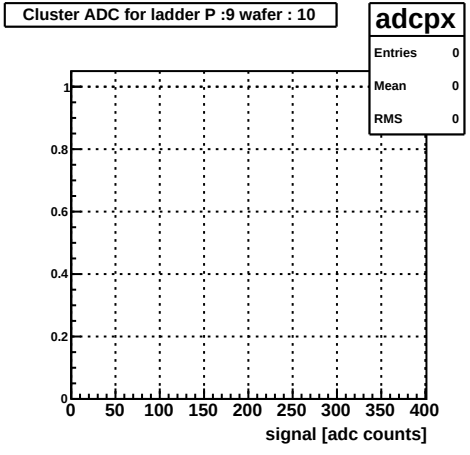

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 274
Mean 45.03
RMS 46.47
signal [adc counts]

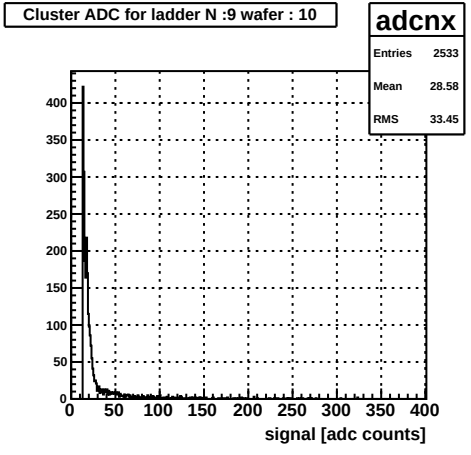

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1861
Mean 33.16
RMS 36.42
signal [adc counts]

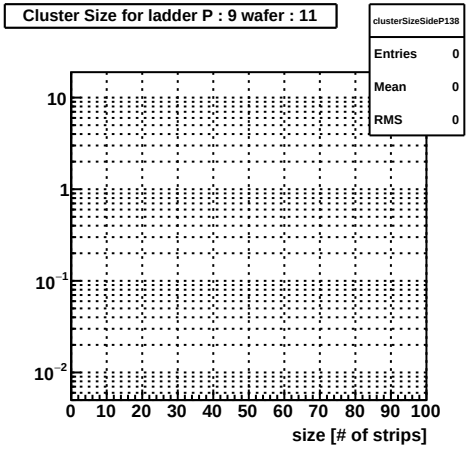

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

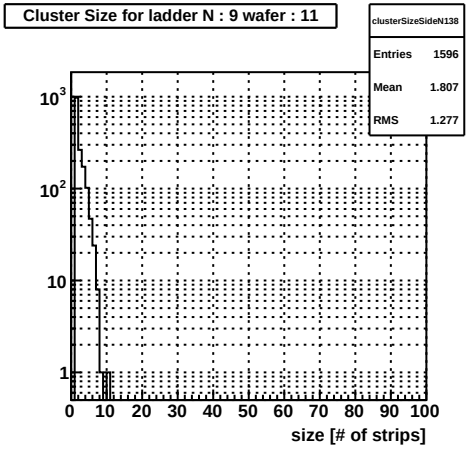

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2533
Mean 1.126
RMS 0.4785
size [# of strips]

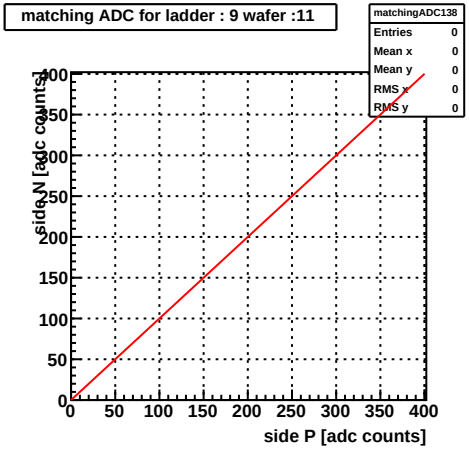

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

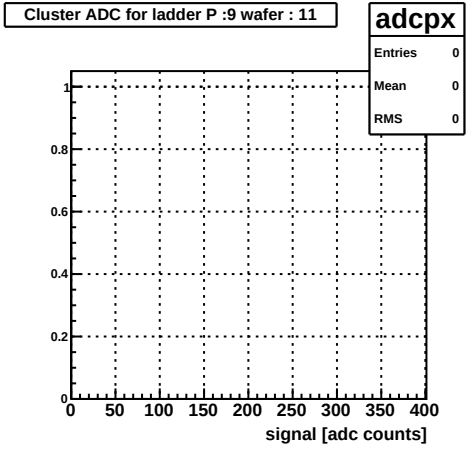

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

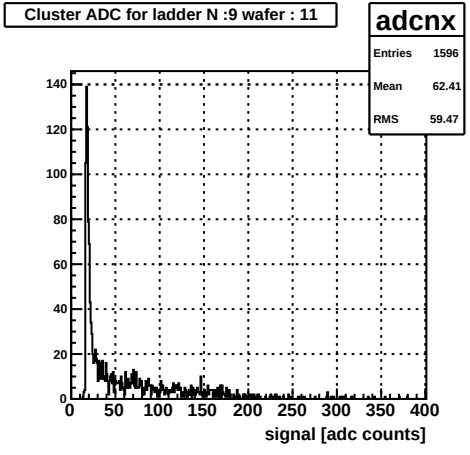

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2533
Mean 28.58
RMS 33.45
signal [adc counts]

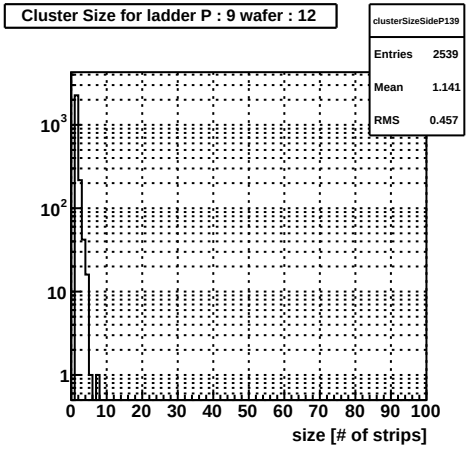

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

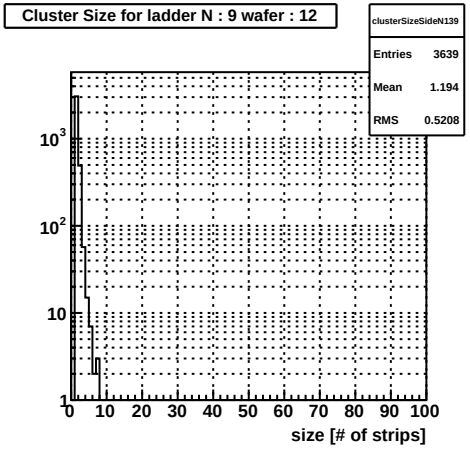

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1596
Mean 1.807
RMS 1.277
size [# of strips]

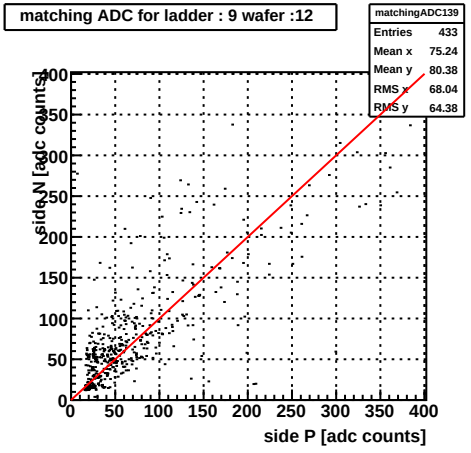

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

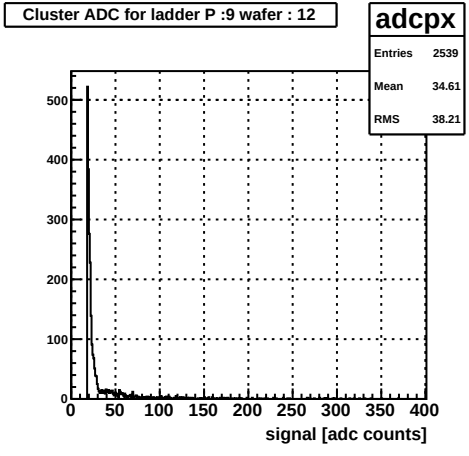

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

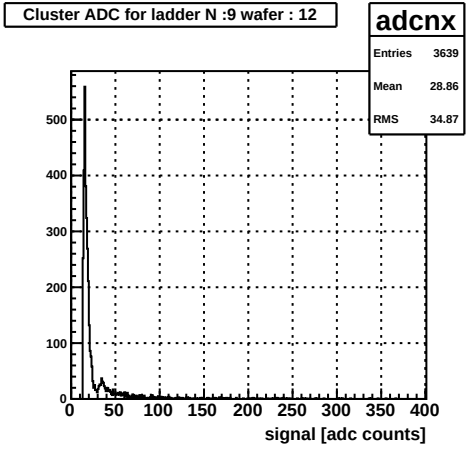

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1596
Mean 62.41
RMS 59.47
signal [adc counts]

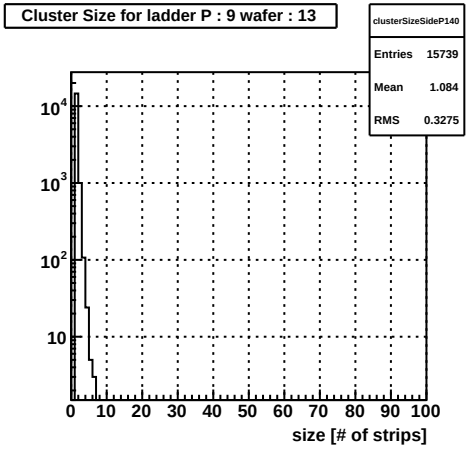

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2539
Mean 1.141
RMS 0.457
size [# of strips]

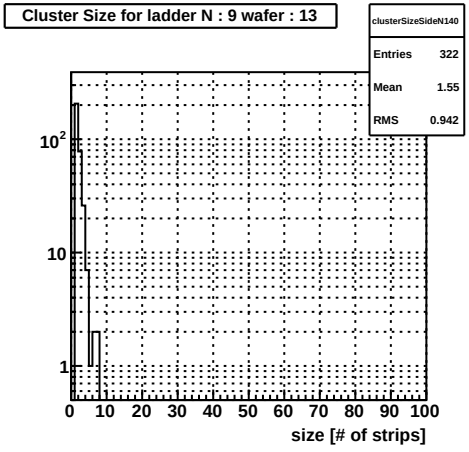

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3639
Mean 1.194
RMS 0.5208
size [# of strips]

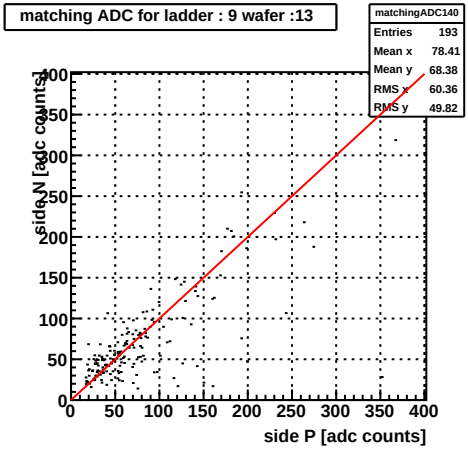

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 433
Mean x 75.24
Mean y 80.38
RMS x 68.04
RMS y 64.38
side N [adc counts]
side P [adc counts]

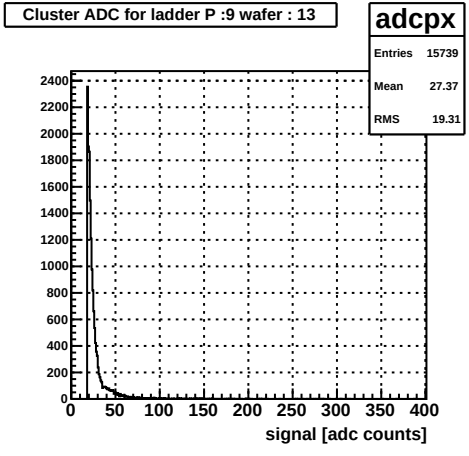

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2539
Mean 34.61
RMS 38.21
signal [adc counts]

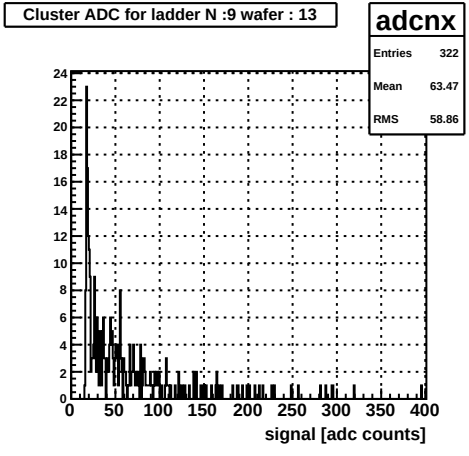

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3639
Mean 28.86
RMS 34.87
signal [adc counts]

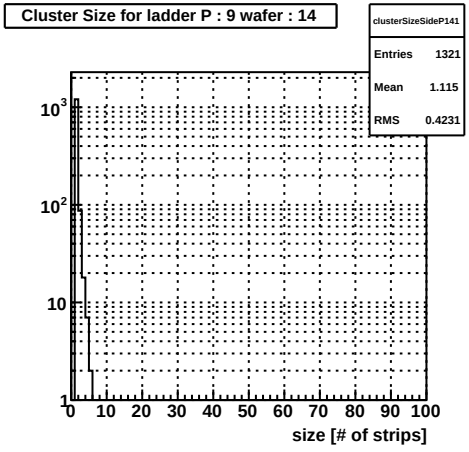

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15739
Mean 1.084
RMS 0.3275
size [# of strips]

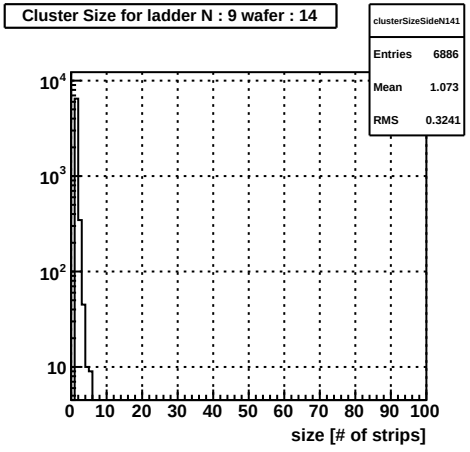

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 322
Mean 1.55
RMS 0.942
size [# of strips]

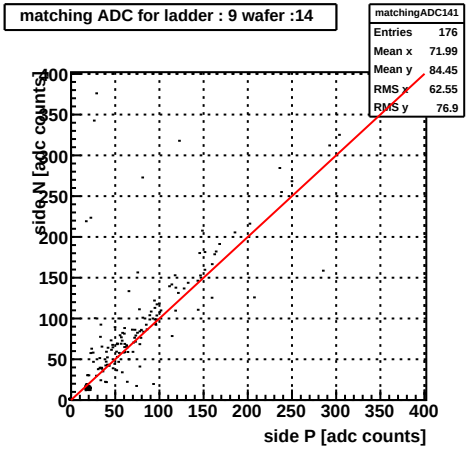

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 193
Mean x 78.41
Mean y 68.38
RMS x 60.36
RMS y 49.82
side N [adc counts]
side P [adc counts]

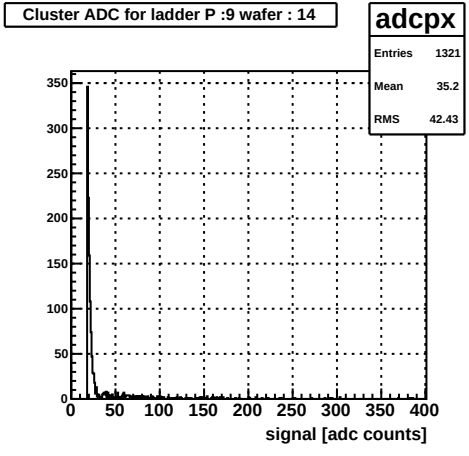

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15739
Mean 27.37
RMS 19.31
signal [adc counts]

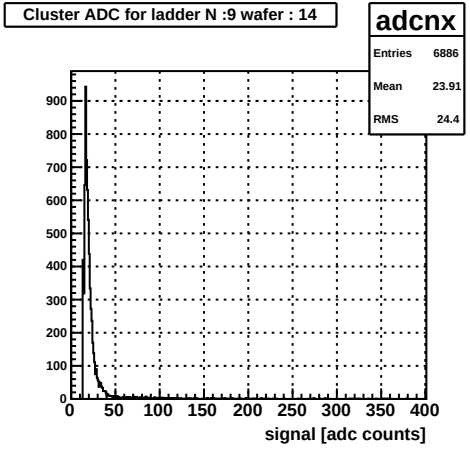

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 322
Mean 63.47
RMS 58.86
signal [adc counts]

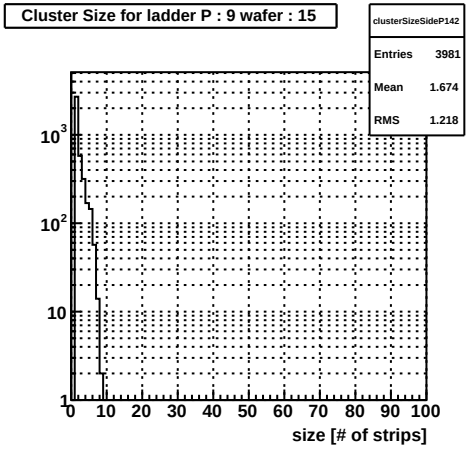

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1321
Mean 1.115
RMS 0.4231
size [# of strips]

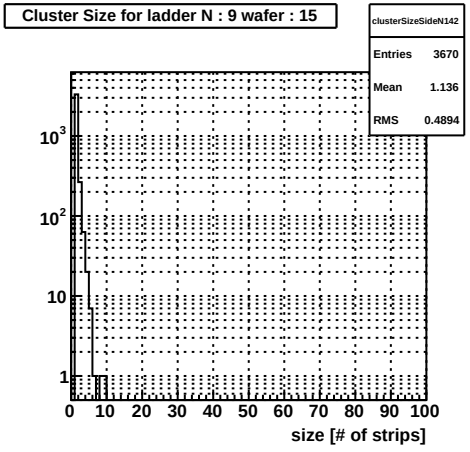

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6886
Mean 1.073
RMS 0.3241
size [# of strips]

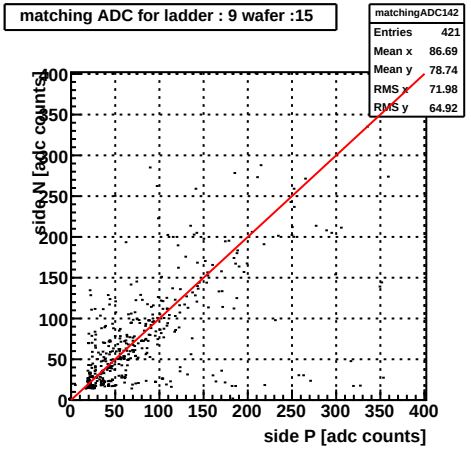

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 176
Mean x 71.99
Mean y 84.45
RMS x 62.55
RMS y 76.9
side N [adc counts]
side P [adc counts]

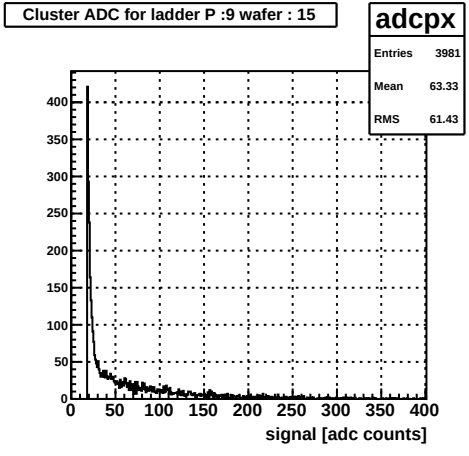

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1321
Mean 35.2
RMS 42.43
signal [adc counts]

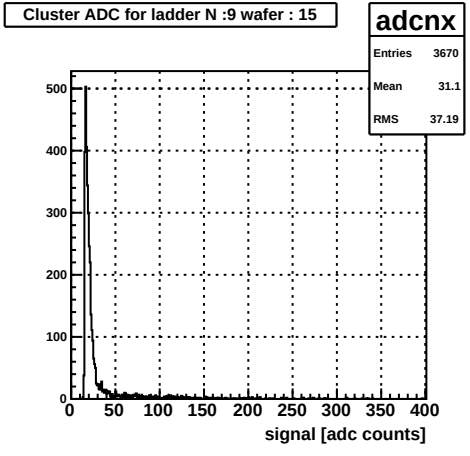

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6886
Mean 23.91
RMS 24.4
signal [adc counts]

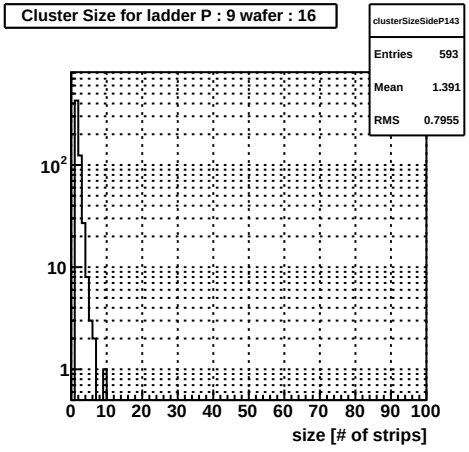

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3981
Mean 1.674
RMS 1.218
size [# of strips]

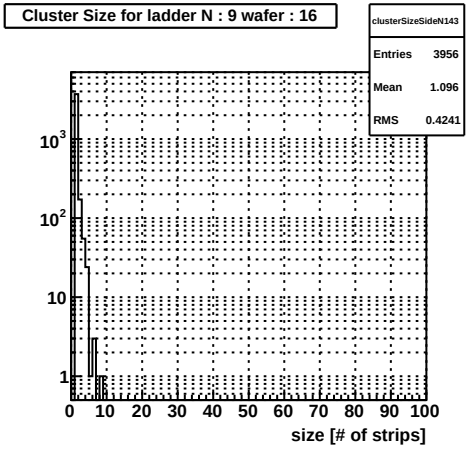

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3670
Mean 1.136
RMS 0.4894
size [# of strips]

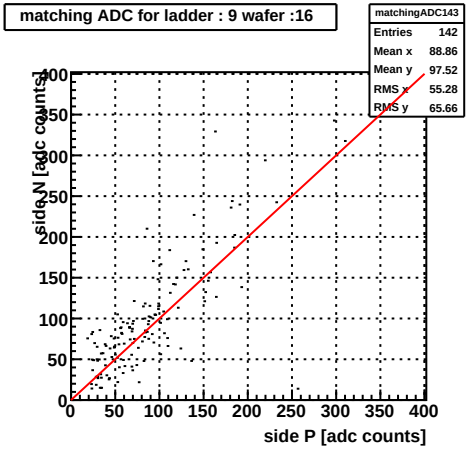

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 421
Mean x 86.69
Mean y 78.74
RMS x 71.98
RMS y 64.92
side N [adc counts]
side P [adc counts]

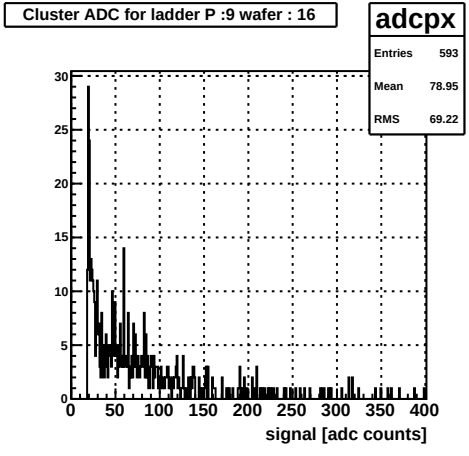

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3981
Mean 63.33
RMS 61.43
signal [adc counts]

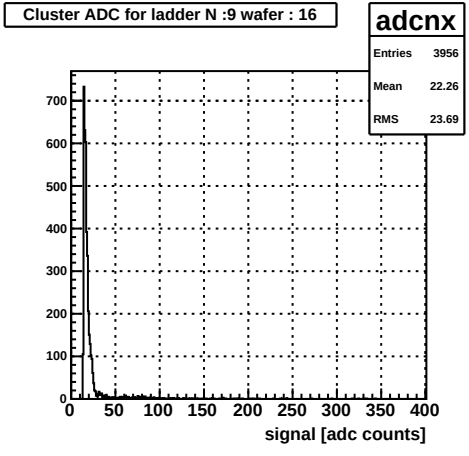

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3670
Mean 31.1
RMS 37.19
signal [adc counts]

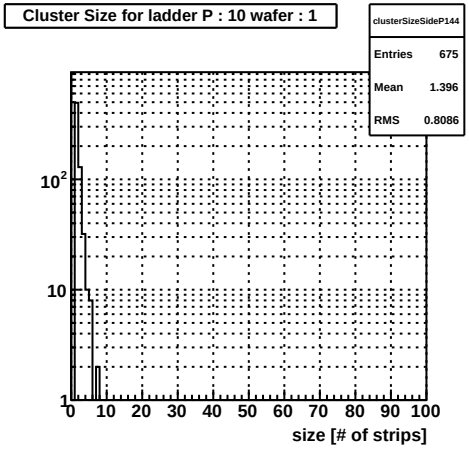

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 593
Mean 1.391
RMS 0.7955
size [# of strips]

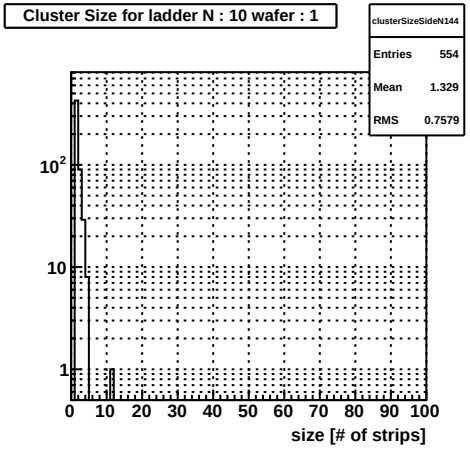

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3956
Mean 1.096
RMS 0.4241
size [# of strips]

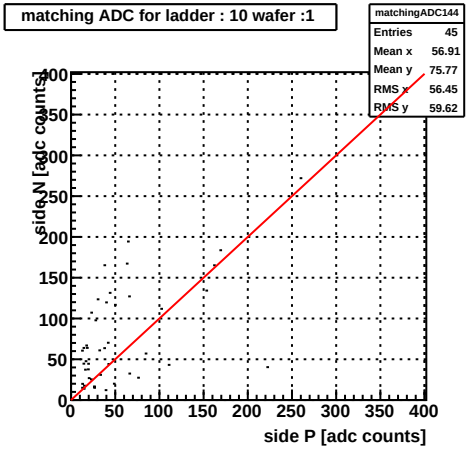

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 142
Mean x 88.86
Mean y 97.52
RMS x 55.28
RMS y 65.66
side N [adc counts]
side P [adc counts]

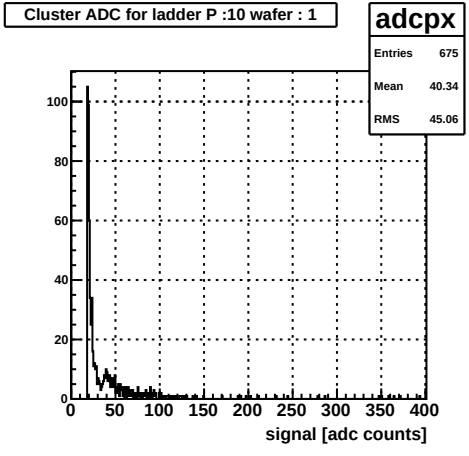

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 593
Mean 78.95
RMS 69.22
signal [adc counts]

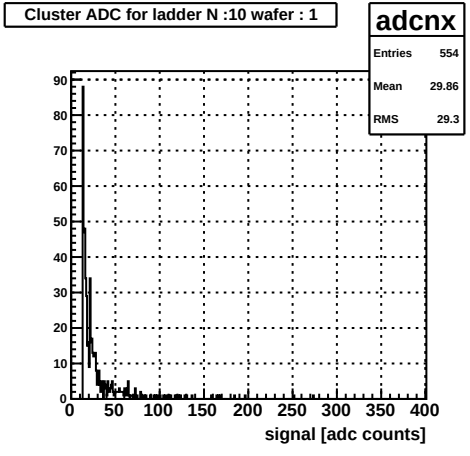

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3956
Mean 22.26
RMS 23.69
signal [adc counts]

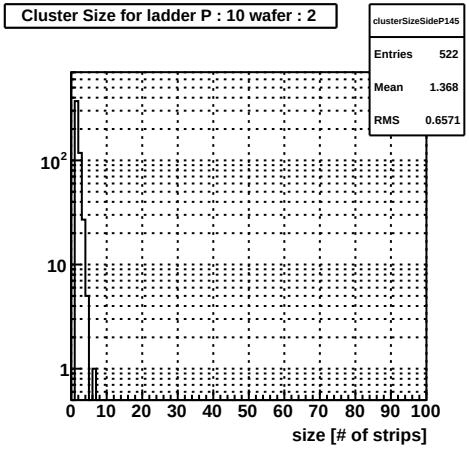

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 675
Mean 1.396
RMS 0.8086
size [# of strips]

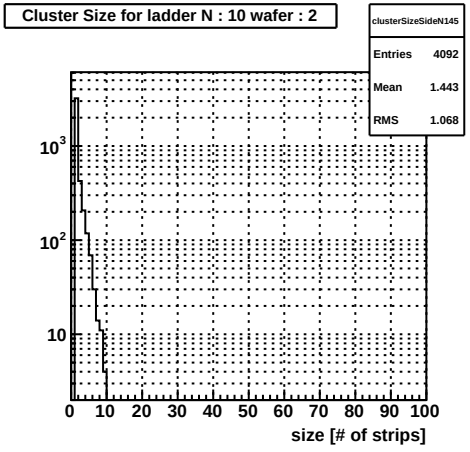

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 554
Mean 1.329
RMS 0.7579
size [# of strips]

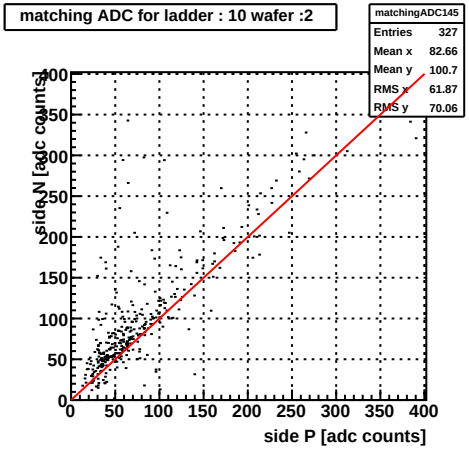

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 45
Mean x 56.91
Mean y 75.77
RMS x 56.45
RMS y 59.62
side N [adc counts]
side P [adc counts]

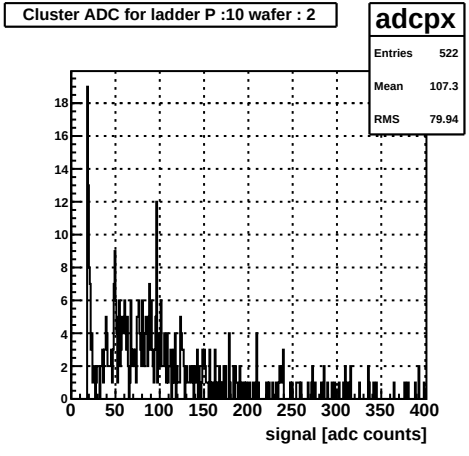

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 675
Mean 40.34
RMS 45.06
signal [adc counts]

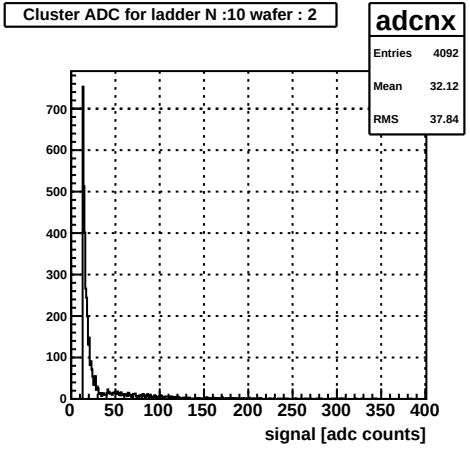

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 554
Mean 29.86
RMS 29.3
signal [adc counts]

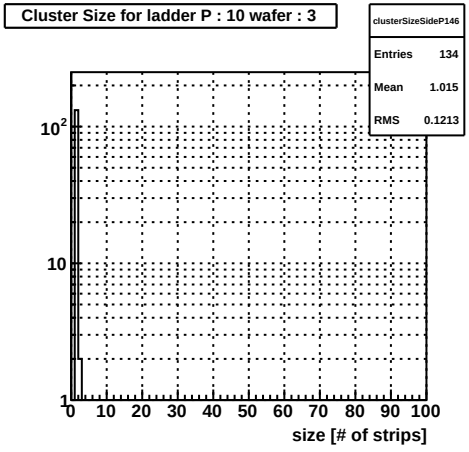

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 522
Mean 1.368
RMS 0.6571
size [# of strips]

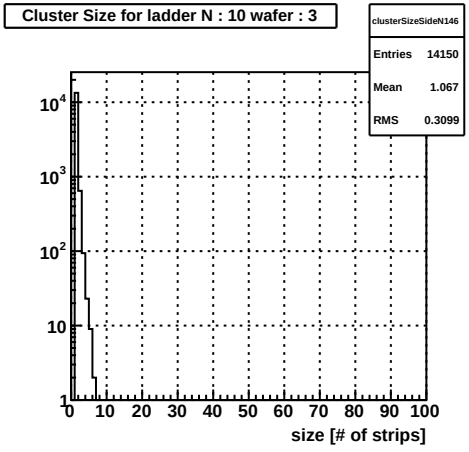

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4092
Mean 1.443
RMS 1.068
size [# of strips]

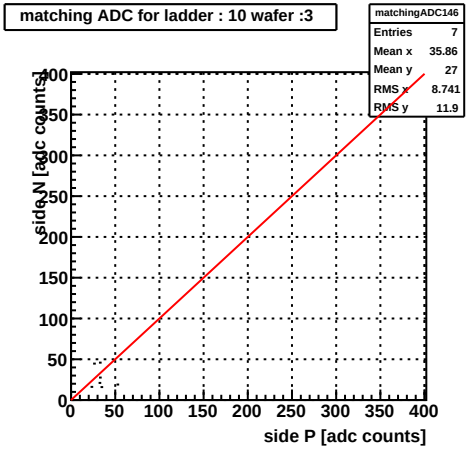

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 327
Mean x 82.66
Mean y 100.7
RMS x 61.87
RMS y 70.06
side N [adc counts]
side P [adc counts]

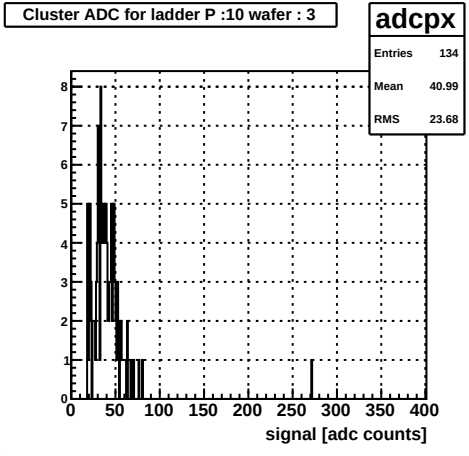

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 522
Mean 107.3
RMS 79.94
signal [adc counts]

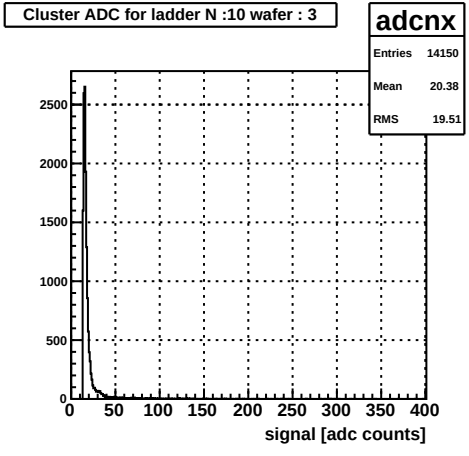

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4092
Mean 32.12
RMS 37.84
signal [adc counts]

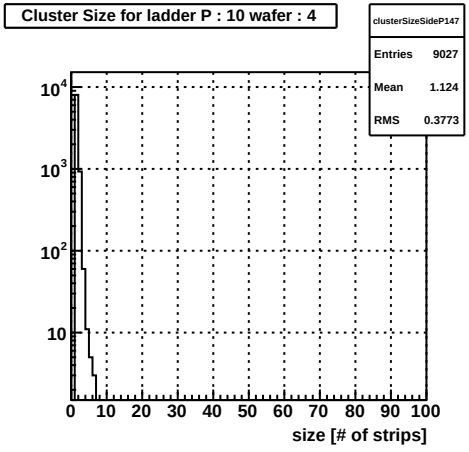

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 134
Mean 1.015
RMS 0.1213
size [# of strips]

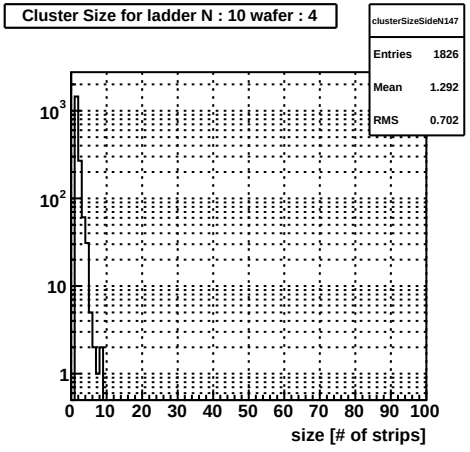

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14150
Mean 1.067
RMS 0.3099
size [# of strips]

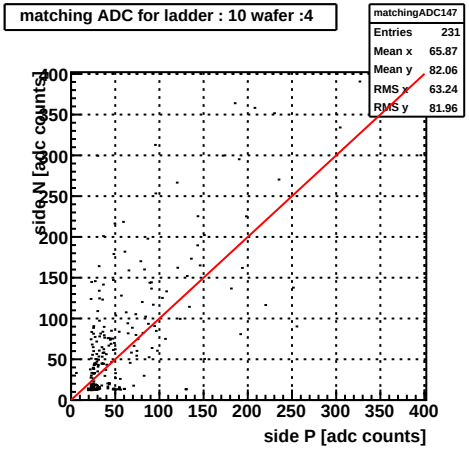

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 7
Mean x 35.86
Mean y 27
RMS x 8.741
RMS y 11.9
side N [adc counts]
side P [adc counts]

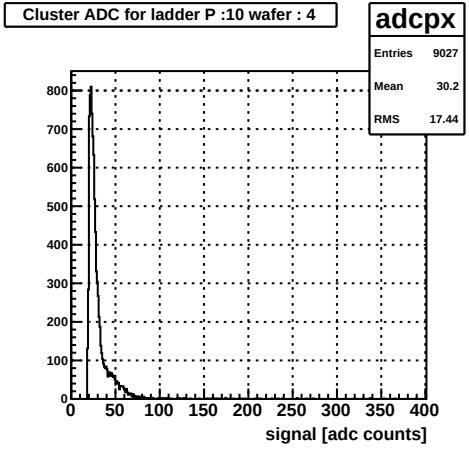

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 134
Mean 40.99
RMS 23.68
signal [adc counts]

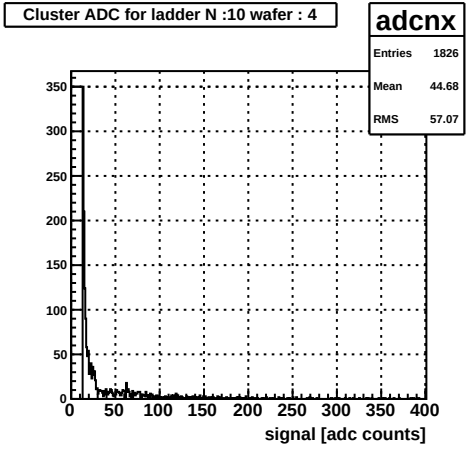

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14150
Mean 20.38
RMS 19.51
signal [adc counts]

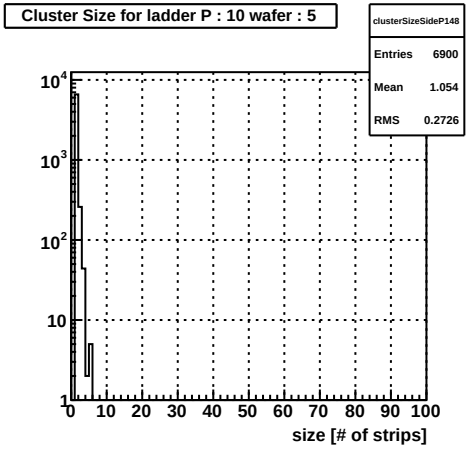

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 9027
Mean 1.124
RMS 0.3773
size [# of strips]

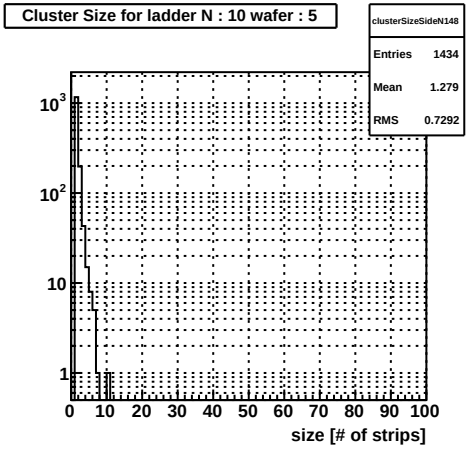

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1826
Mean 1.292
RMS 0.702
size [# of strips]

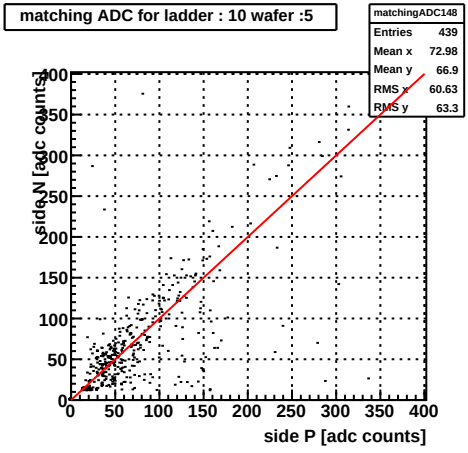

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 231
Mean x 65.87
Mean y 82.06
RMS x 63.24
RMS y 81.96
side N [adc counts]
side P [adc counts]

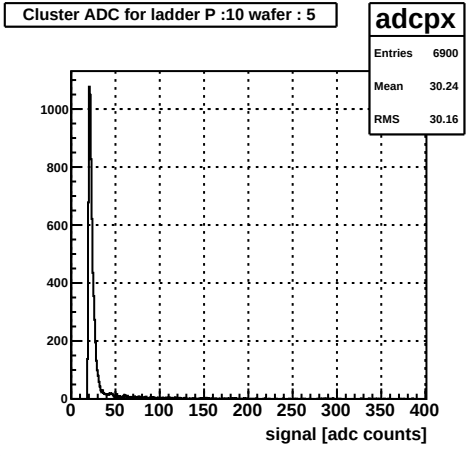

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 9027
Mean 30.2
RMS 17.44
signal [adc counts]

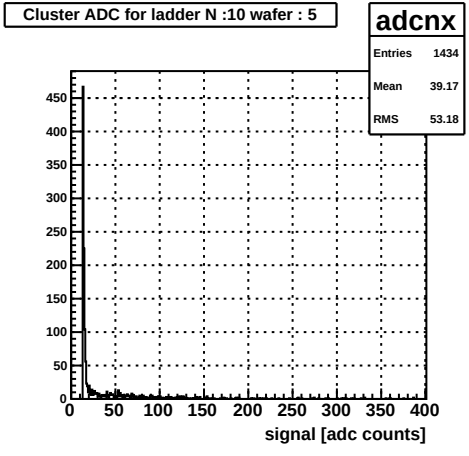

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1826
Mean 44.68
RMS 57.07
signal [adc counts]

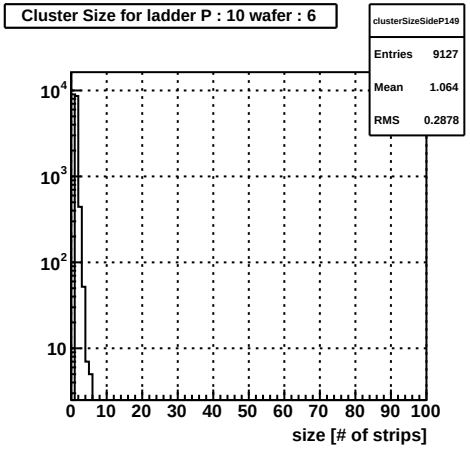

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6900
Mean 1.054
RMS 0.2726
size [# of strips]

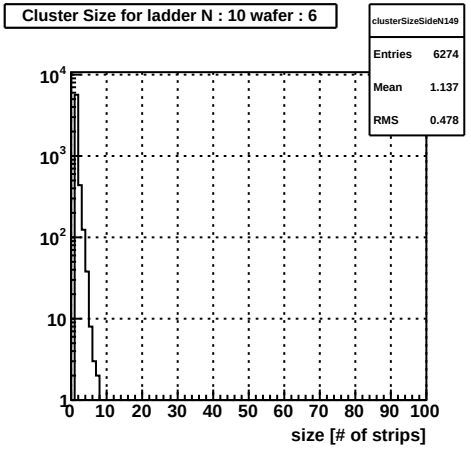

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1434
Mean 1.279
RMS 0.7292
size [# of strips]

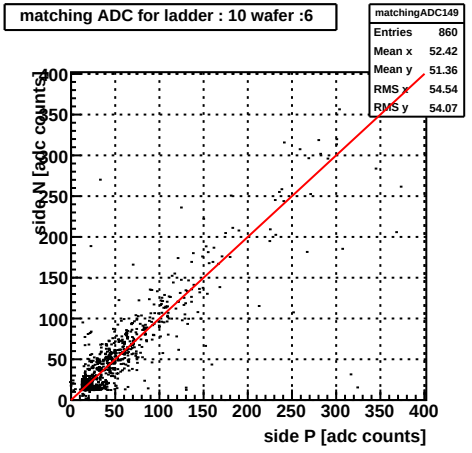

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 439
Mean x 72.98
Mean y 66.9
RMS x 60.63
RMS y 63.3
side N [adc counts]
side P [adc counts]

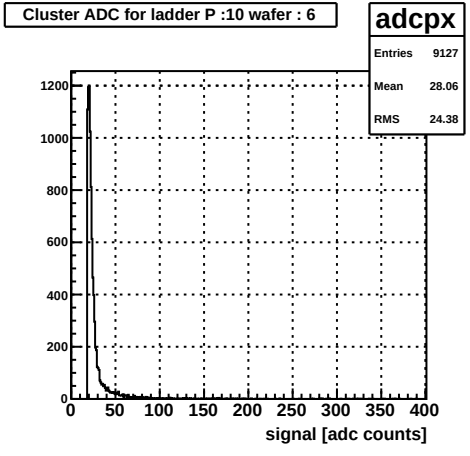

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6900
Mean 30.24
RMS 30.16
signal [adc counts]

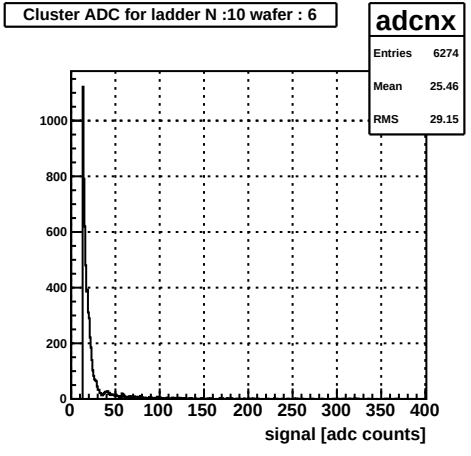

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1434
Mean 39.17
RMS 53.18
signal [adc counts]

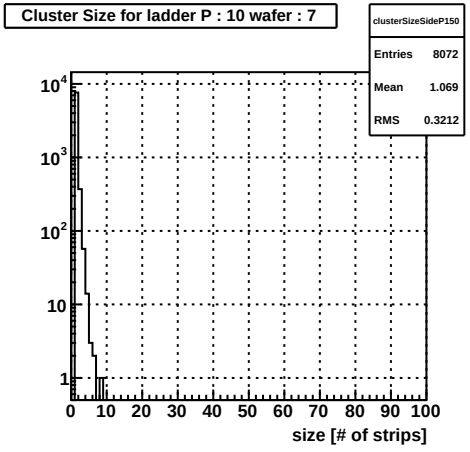

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9127
Mean 1.064
RMS 0.2878
size [# of strips]

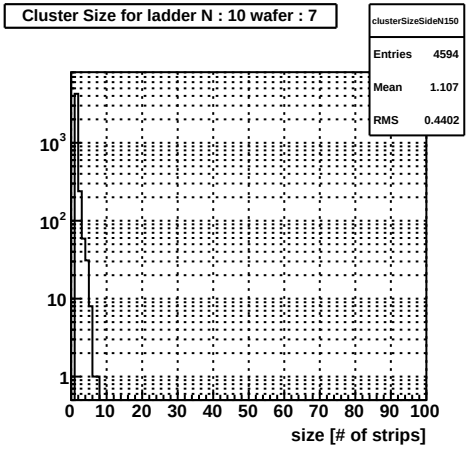

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6274
Mean 1.137
RMS 0.478
size [# of strips]

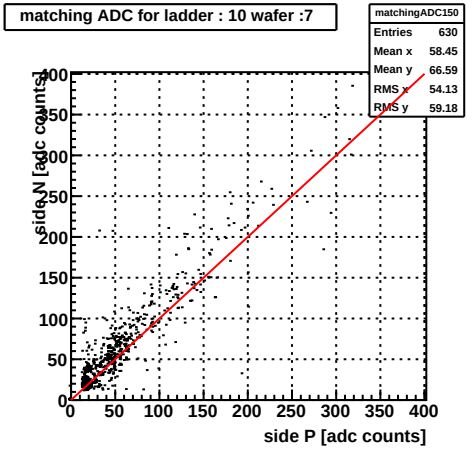

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 860
Mean x 52.42
Mean y 51.36
RMS x 54.54
RMS y 54.07
side N [adc counts]
side P [adc counts]

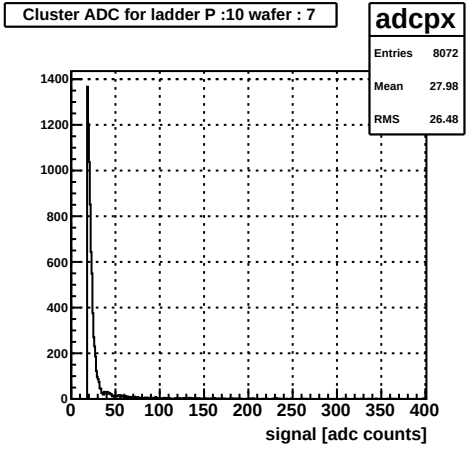

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9127
Mean 28.06
RMS 24.38
signal [adc counts]

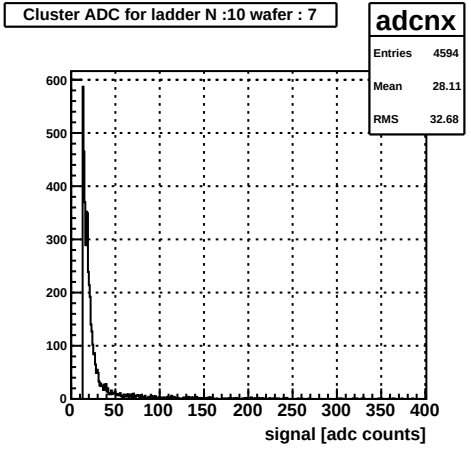

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6274
Mean 25.46
RMS 29.15
signal [adc counts]

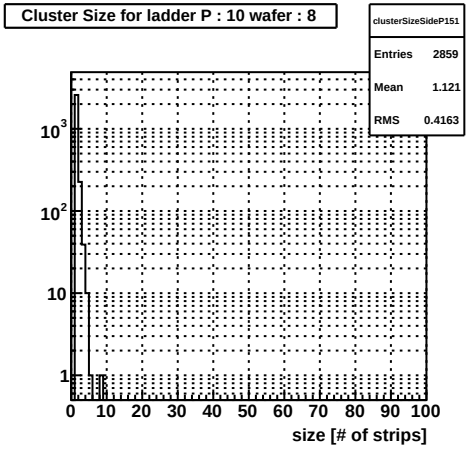

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 8072
Mean 1.069
RMS 0.3212
size [# of strips]

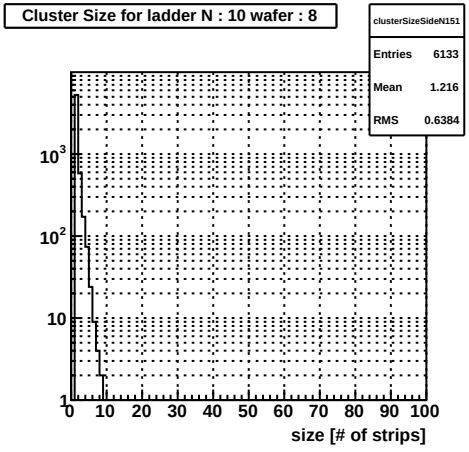

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4594
Mean 1.107
RMS 0.4402
size [# of strips]

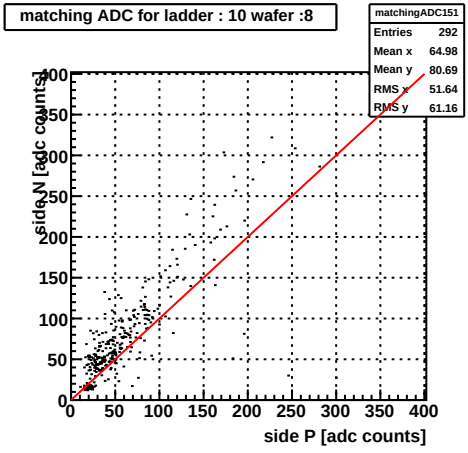

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 630
Mean x 58.45
Mean y 66.59
RMS x 54.13
RMS y 59.18
side N [adc counts]
side P [adc counts]

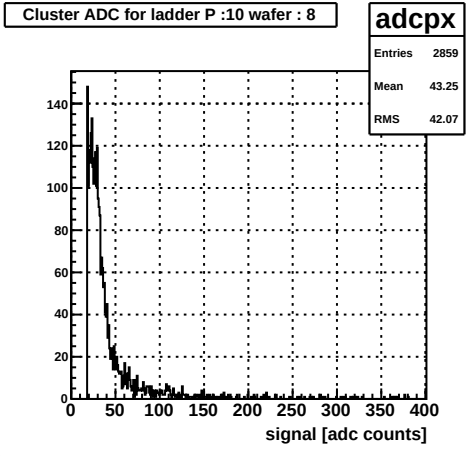

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 8072
Mean 27.98
RMS 26.48
signal [adc counts]

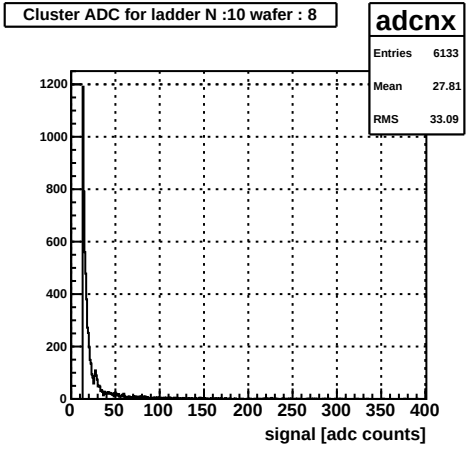

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4594
Mean 28.11
RMS 32.68
signal [adc counts]

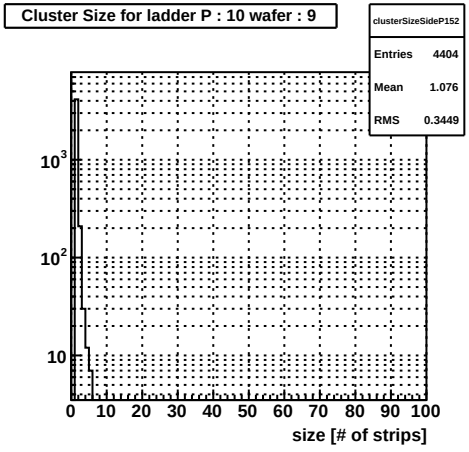

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2859
Mean 1.121
RMS 0.4163
size [# of strips]

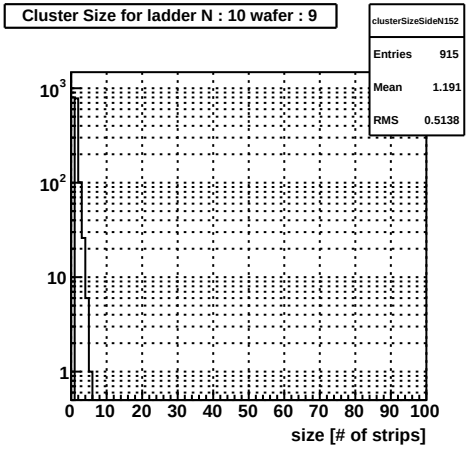

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6133
Mean 1.216
RMS 0.6384
size [# of strips]

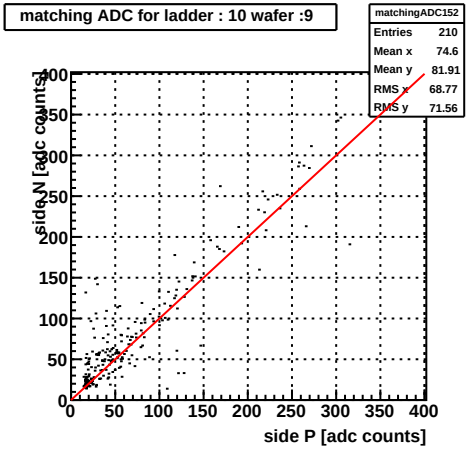

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 292
Mean x 64.98
Mean y 80.69
RMS x 51.64
RMS y 61.16
side N [adc counts]
side P [adc counts]

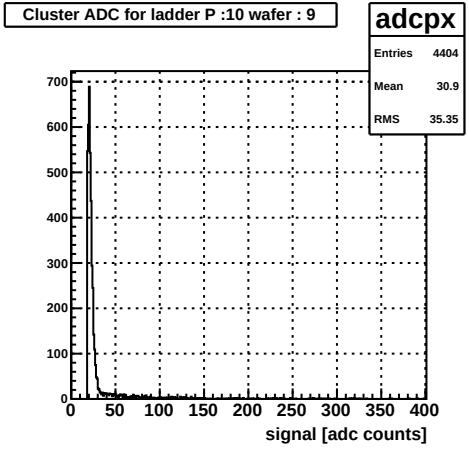

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2859
Mean 43.25
RMS 42.07
signal [adc counts]

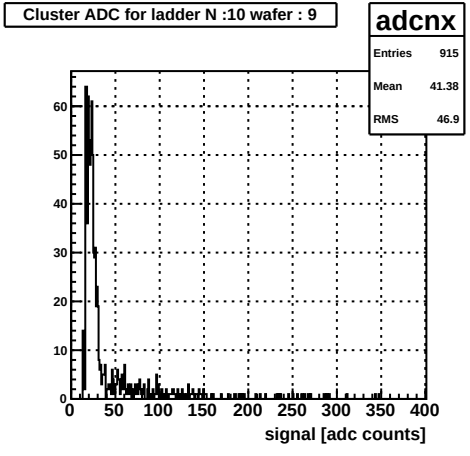

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6133
Mean 27.81
RMS 33.09
signal [adc counts]

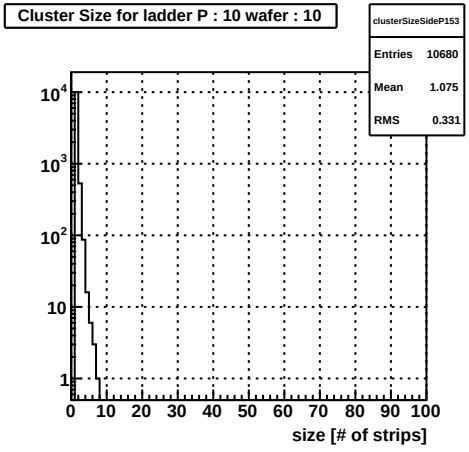

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4404
Mean 1.076
RMS 0.3449
size [# of strips]

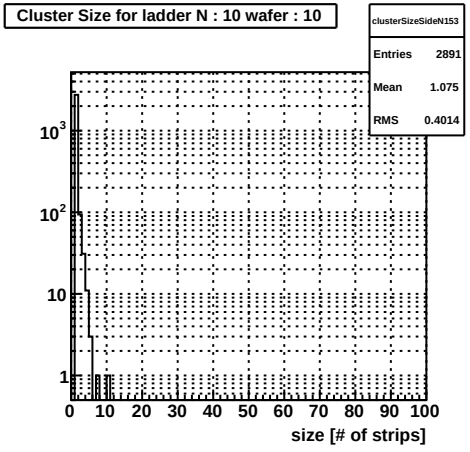

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 915
Mean 1.191
RMS 0.5138
size [# of strips]

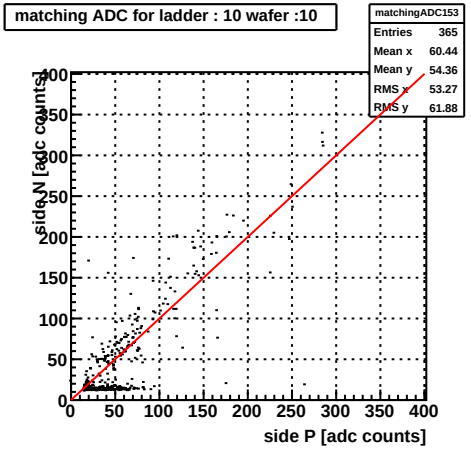

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 210
Mean x 74.6
Mean y 81.91
RMS x 68.77
RMS y 71.56
side N [adc counts]
side P [adc counts]

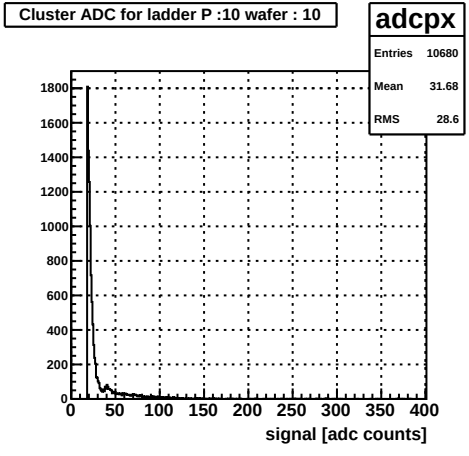

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4404
Mean 30.9
RMS 35.35
signal [adc counts]

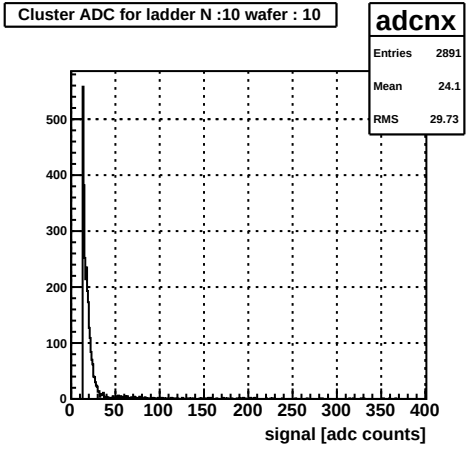

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 915
Mean 41.38
RMS 46.9
signal [adc counts]

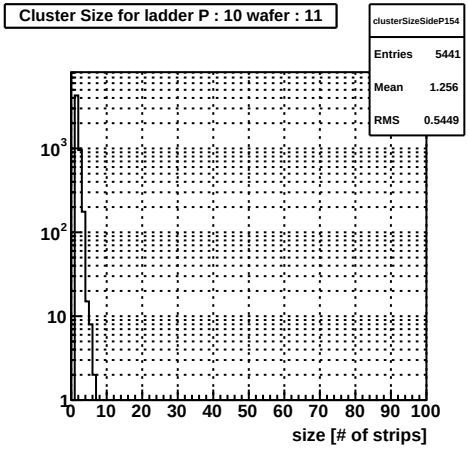

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 10680
Mean 1.075
RMS 0.331
size [# of strips]

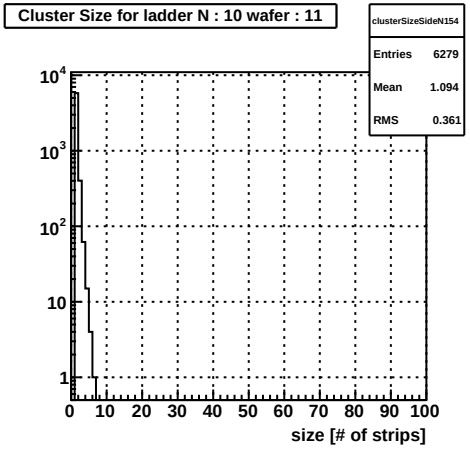

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2891
Mean 1.075
RMS 0.4014
size [# of strips]

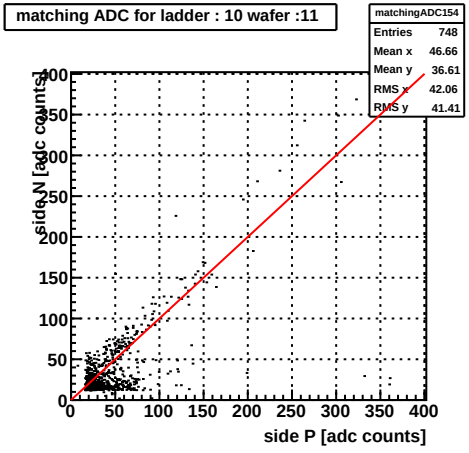

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 365
Mean x 60.44
Mean y 54.36
RMS x 53.27
RMS y 61.88
side N [adc counts]
side P [adc counts]

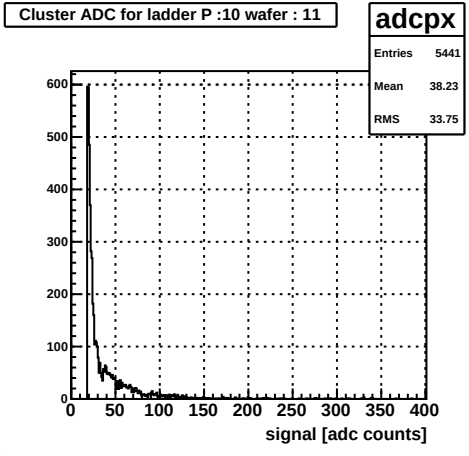

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 10680
Mean 31.68
RMS 28.6
signal [adc counts]

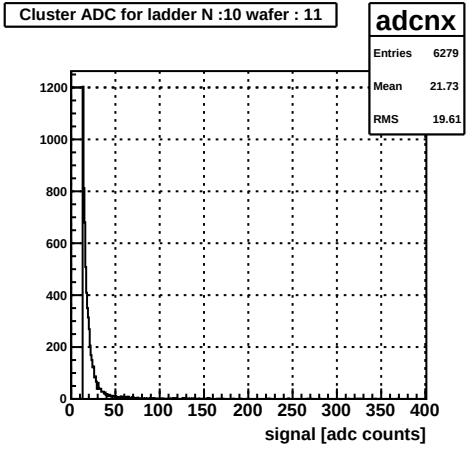

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2891
Mean 24.1
RMS 29.73
signal [adc counts]

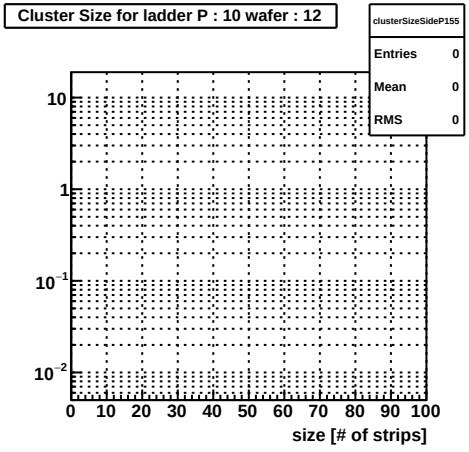

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5441
Mean 1.256
RMS 0.5449
size [# of strips]

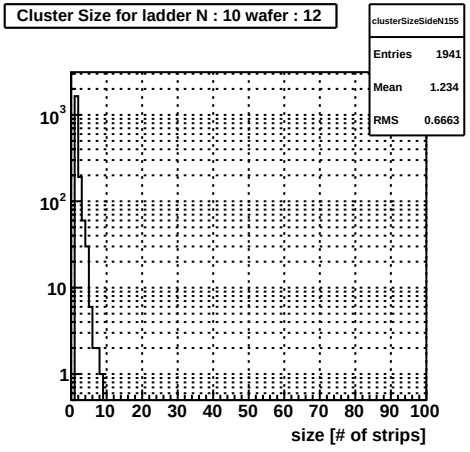

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6279
Mean 1.094
RMS 0.361
size [# of strips]

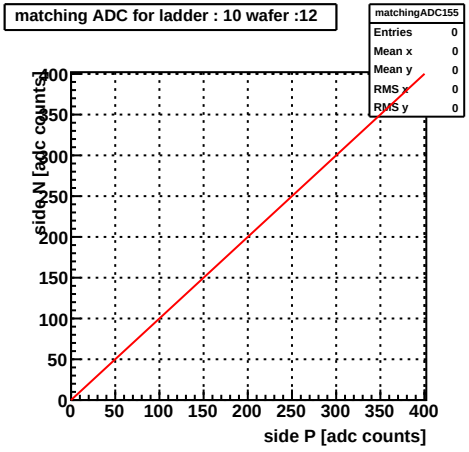

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 748
Mean x 46.66
Mean y 36.61
RMS x 42.06
RMS y 41.41
side N [adc counts]
side P [adc counts]

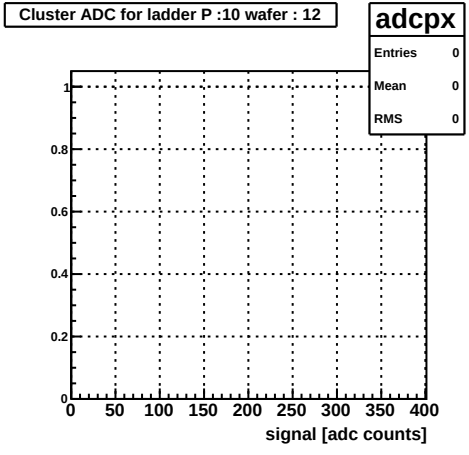

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5441
Mean 38.23
RMS 33.75
signal [adc counts]

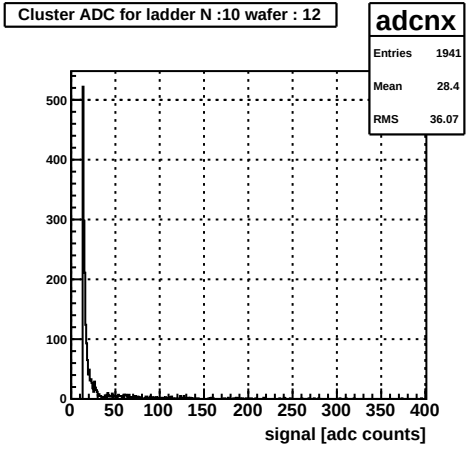

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6279
Mean 21.73
RMS 19.61
signal [adc counts]

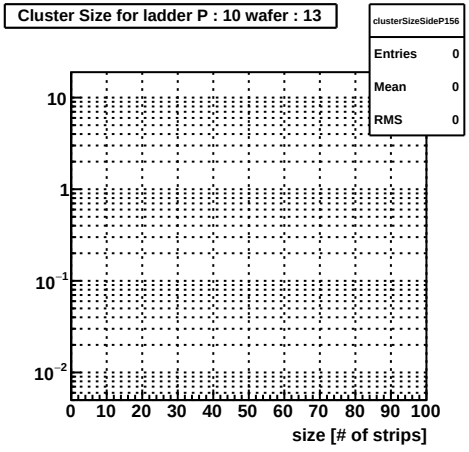

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

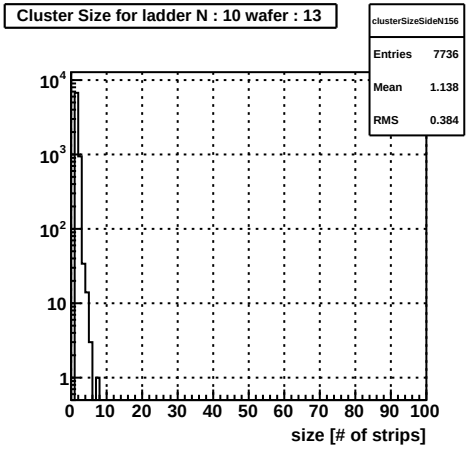

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1941
Mean 1.234
RMS 0.6663
size [# of strips]

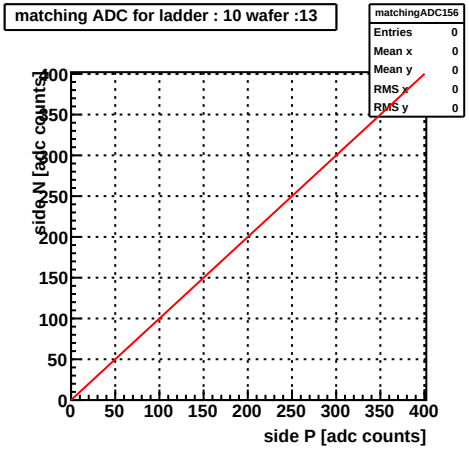

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

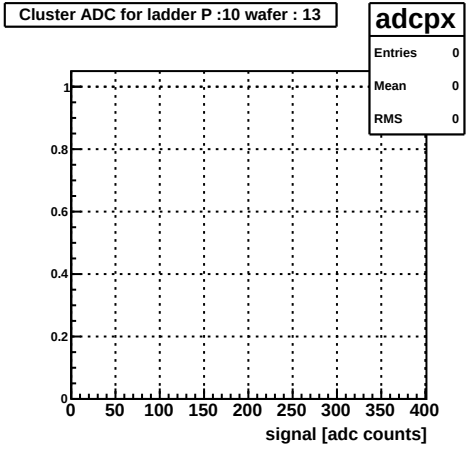

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

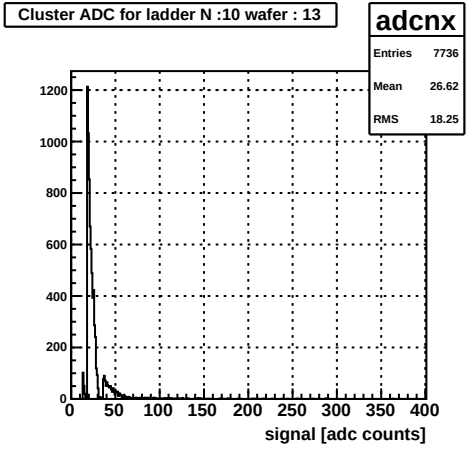

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1941
Mean 28.4
RMS 36.07
signal [adc counts]

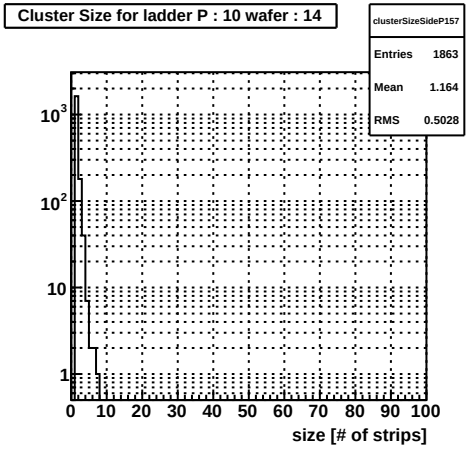

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

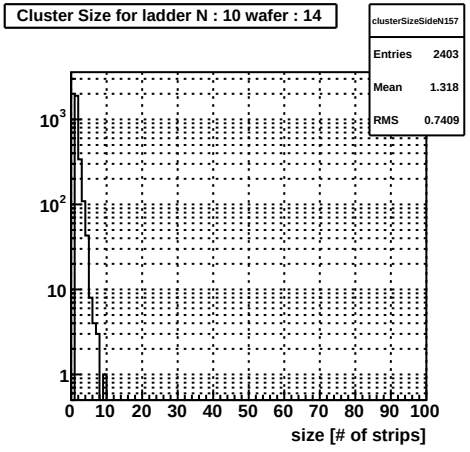

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 7736
Mean 1.138
RMS 0.384
size [# of strips]

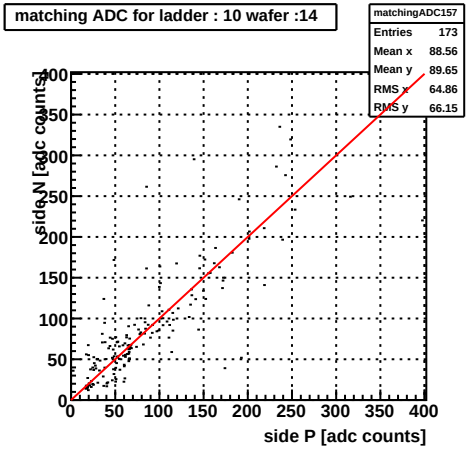

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

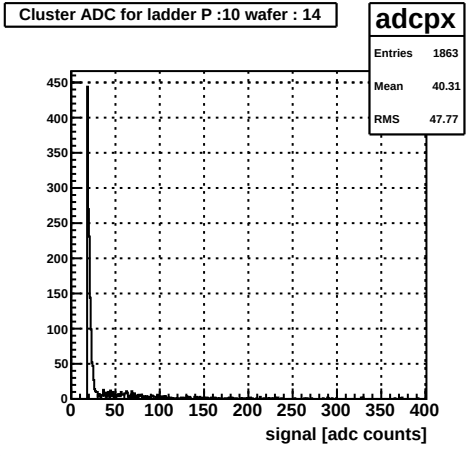

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

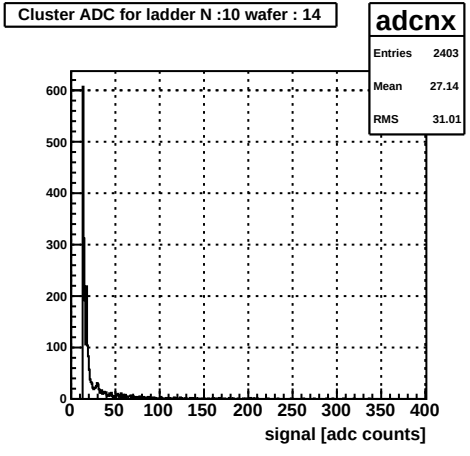

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 7736
Mean 26.62
RMS 18.25
signal [adc counts]

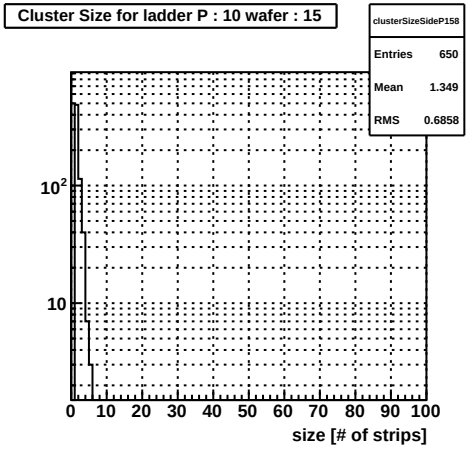

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1863
Mean 1.164
RMS 0.5028
size [# of strips]

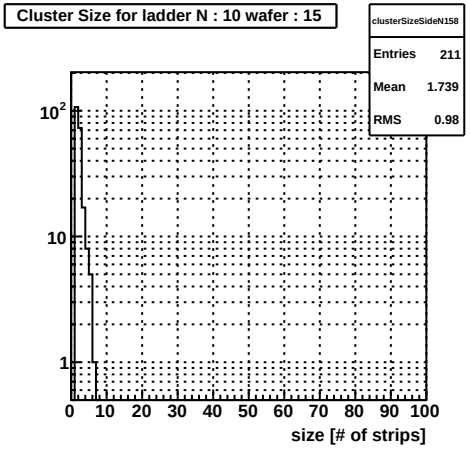

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2403
Mean 1.318
RMS 0.7409
size [# of strips]

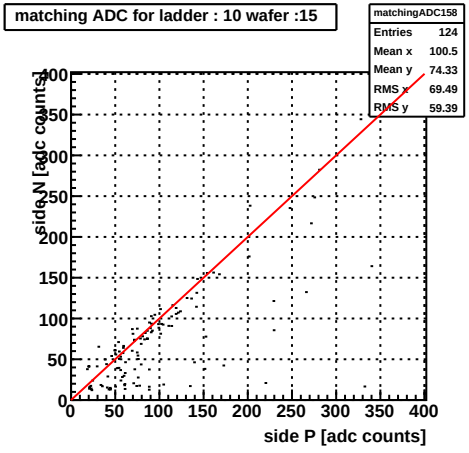

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 173
Mean x 88.56
Mean y 89.65
RMS x 64.86
RMS y 66.15
side N [adc counts]
side P [adc counts]

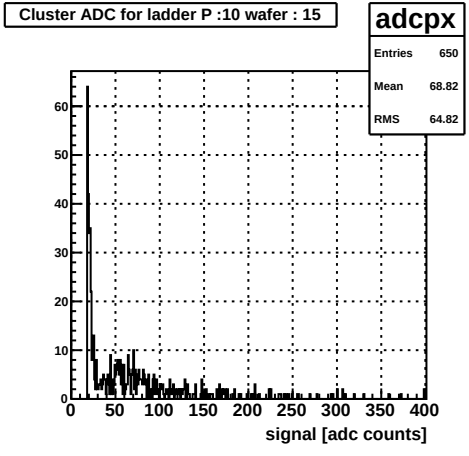

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1863
Mean 40.31
RMS 47.77
signal [adc counts]

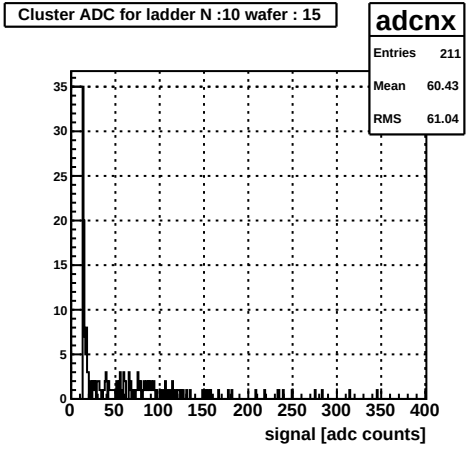

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2403
Mean 27.14
RMS 31.01
signal [adc counts]

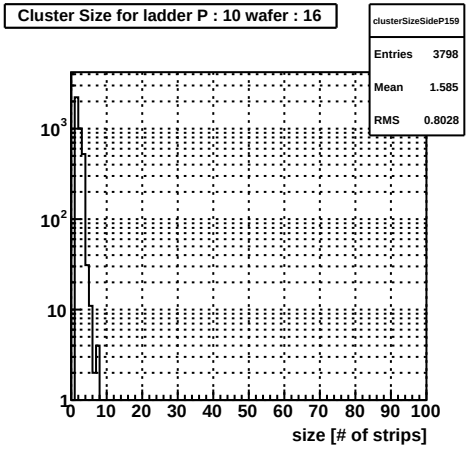

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 650
Mean 1.349
RMS 0.6858
size [# of strips]

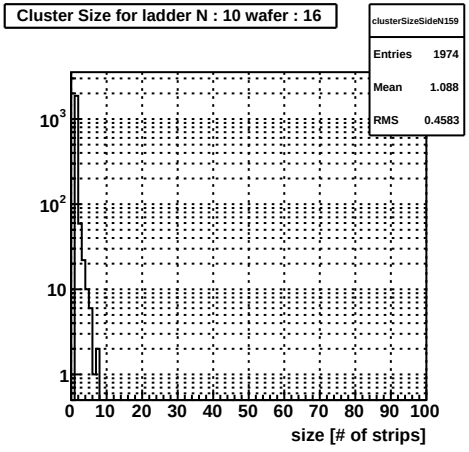

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 211
Mean 1.739
RMS 0.98
size [# of strips]

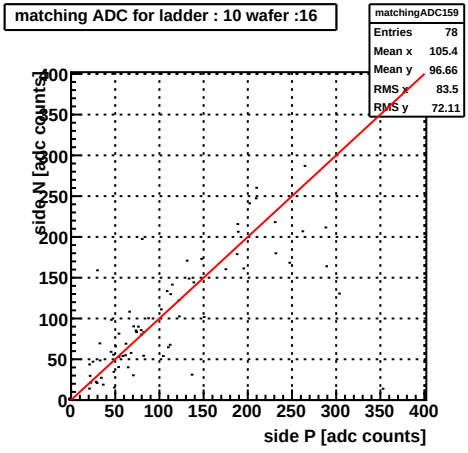

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 124
Mean x 100.5
Mean y 74.33
RMS x 69.49
RMS y 59.39
side N [adc counts]
side P [adc counts]

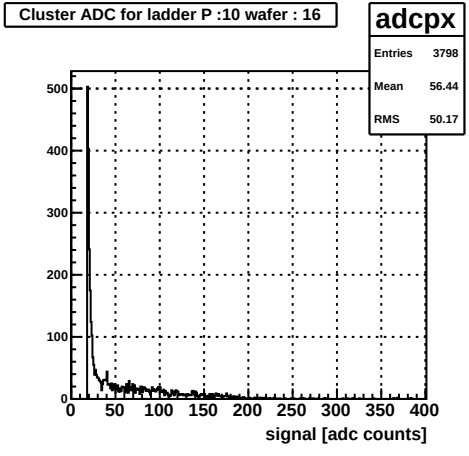

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 650
Mean 68.82
RMS 64.82
signal [adc counts]

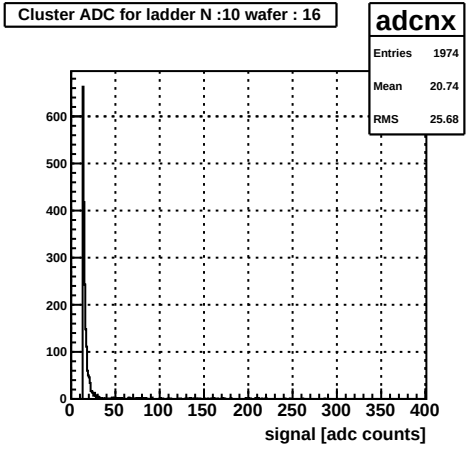

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 211
Mean 60.43
RMS 61.04
signal [adc counts]

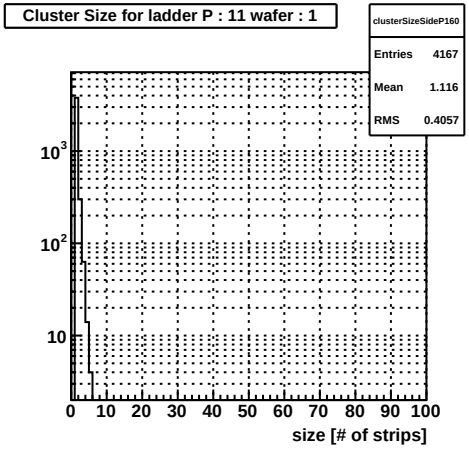

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3798
Mean 1.585
RMS 0.8028
size [# of strips]

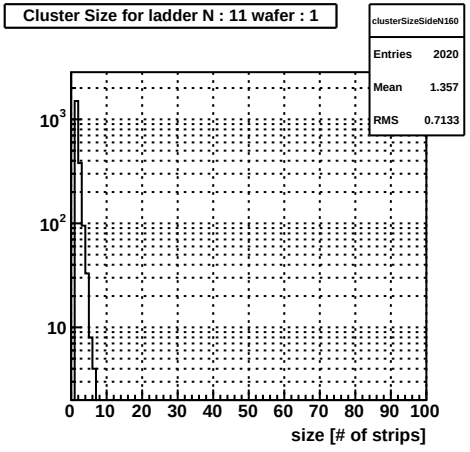

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1974
Mean 1.088
RMS 0.4583
size [# of strips]

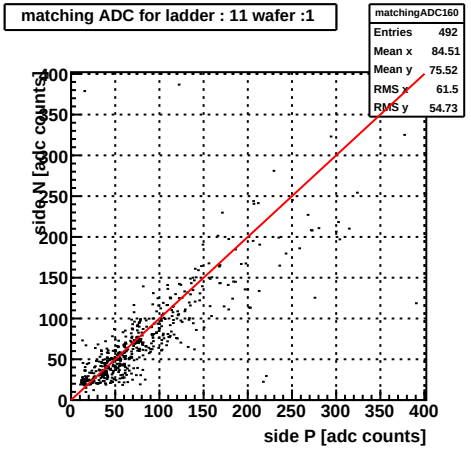

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 78
Mean x 105.4
Mean y 96.66
RMS x 83.5
RMS y 72.11
side N [adc counts]
side P [adc counts]

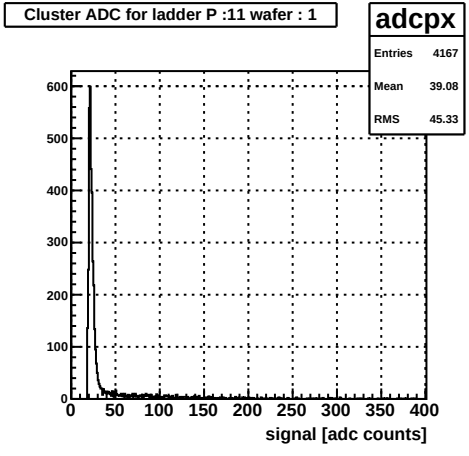

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3798
Mean 56.44
RMS 50.17
signal [adc counts]

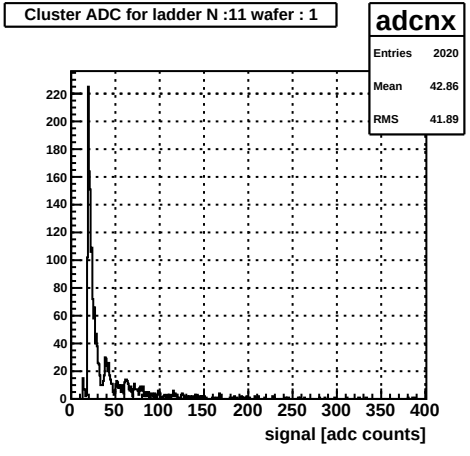

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1974
Mean 20.74
RMS 25.68
signal [adc counts]

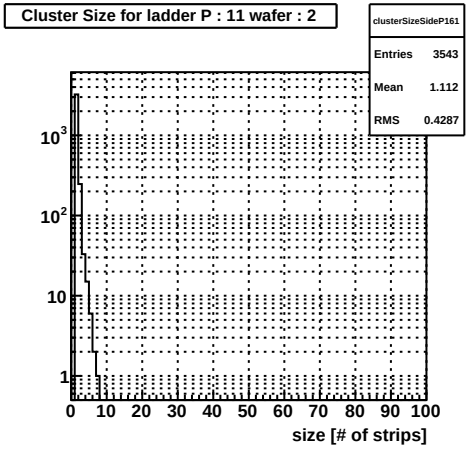

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4167
Mean 1.116
RMS 0.4057
size [# of strips]

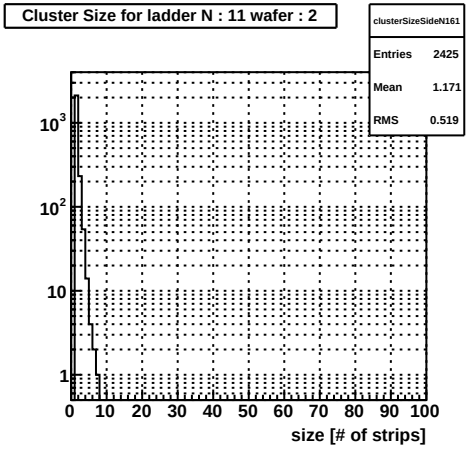

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2020
Mean 1.357
RMS 0.7133
size [# of strips]

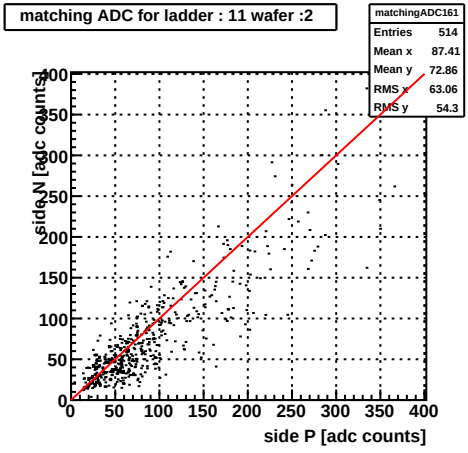

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 492
Mean x 84.51
Mean y 75.52
RMS x 61.5
RMS y 54.73
side N [adc counts]
side P [adc counts]

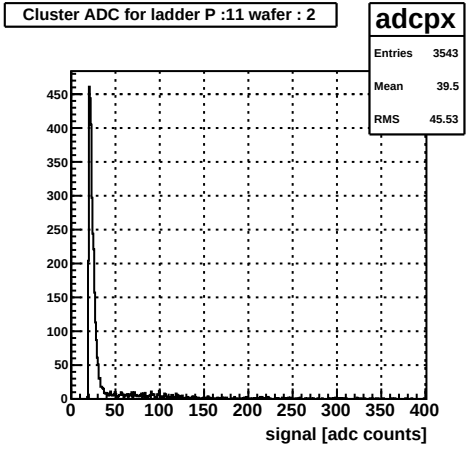

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4167
Mean 39.08
RMS 45.33
signal [adc counts]

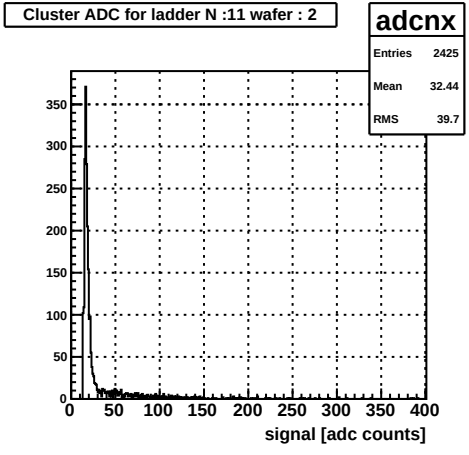

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2020
Mean 42.86
RMS 41.89
signal [adc counts]

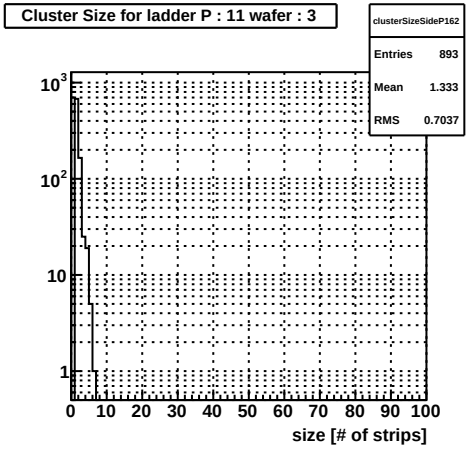

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3543
Mean 1.112
RMS 0.4287
size [# of strips]

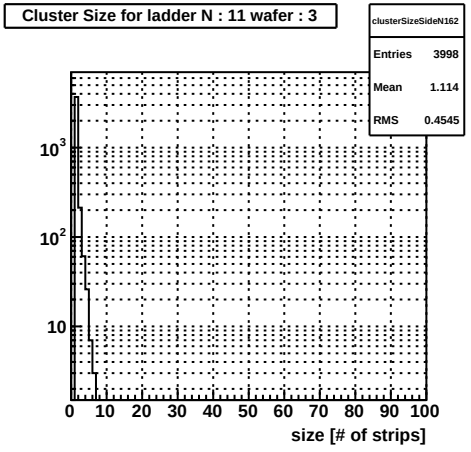

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2425
Mean 1.171
RMS 0.519
size [# of strips]

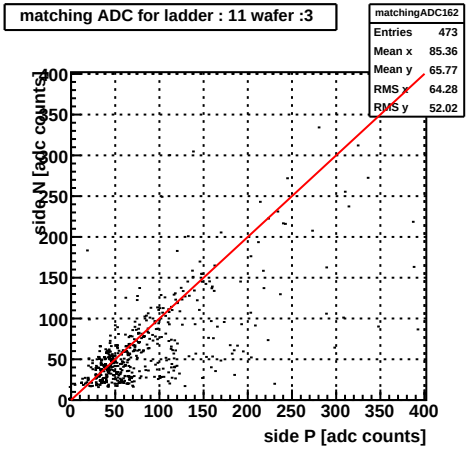

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 514
Mean x 87.41
Mean y 72.86
RMS x 63.06
RMS y 54.3
side N [adc counts]
side P [adc counts]

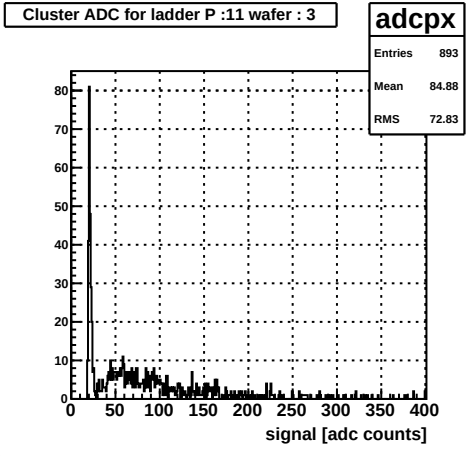

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3543
Mean 39.5
RMS 45.53
signal [adc counts]

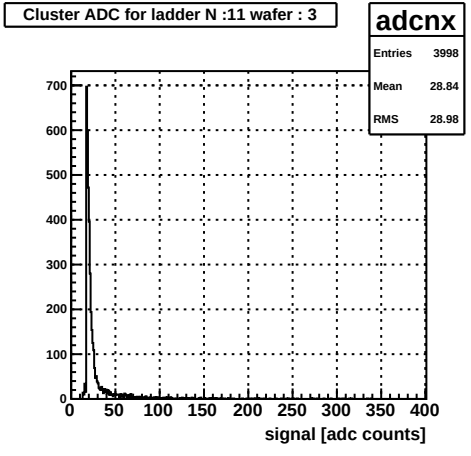

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2425
Mean 32.44
RMS 39.7
signal [adc counts]

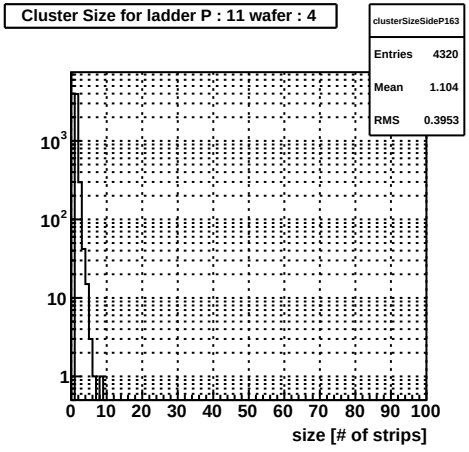

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 893
Mean 1.333
RMS 0.7037
size [# of strips]

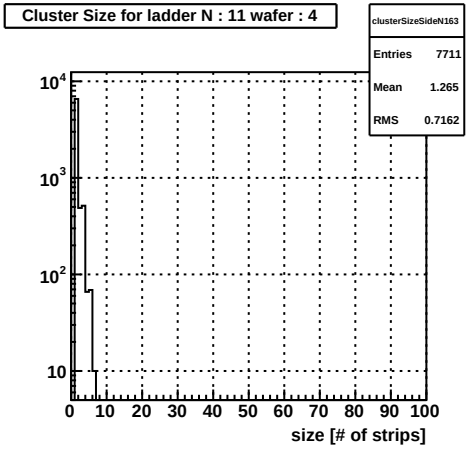

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3998
Mean 1.114
RMS 0.4545
size [# of strips]

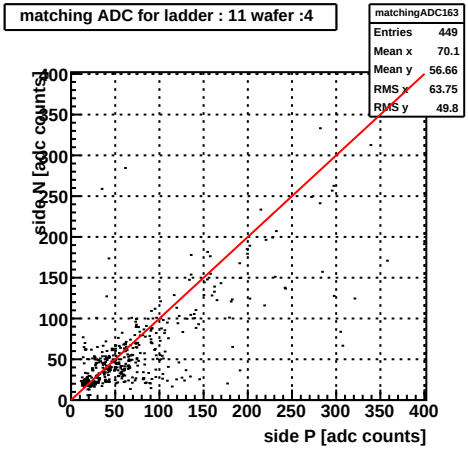

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 473
Mean x 85.36
Mean y 65.77
RMS x 64.28
RMS y 52.02
side N [adc counts]
side P [adc counts]

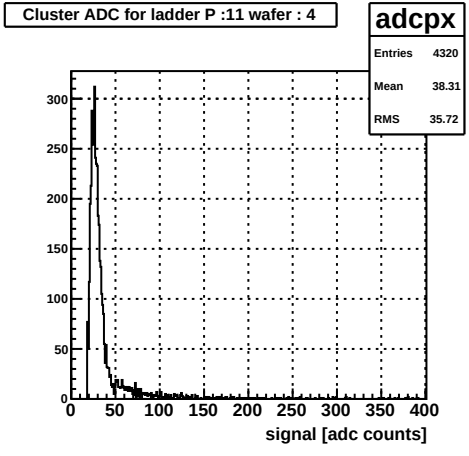

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 893
Mean 84.88
RMS 72.83
signal [adc counts]

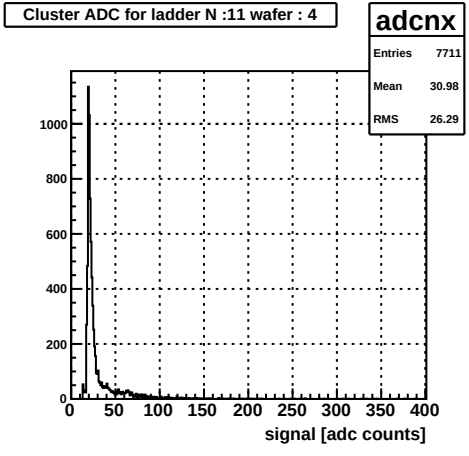

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3998
Mean 28.84
RMS 28.98
signal [adc counts]

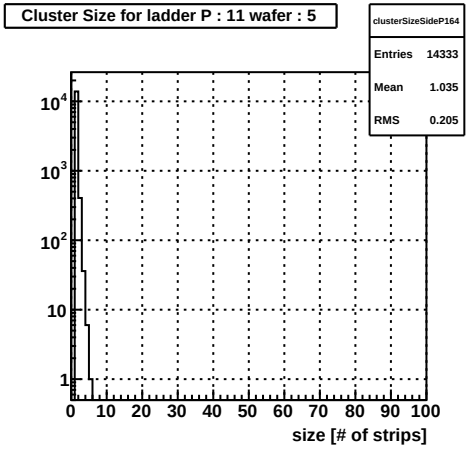

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4320
Mean 1.104
RMS 0.3953
size [# of strips]

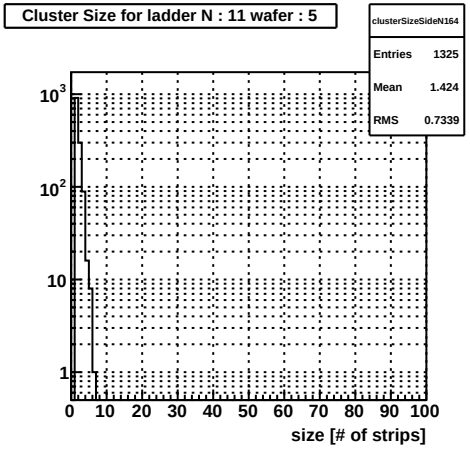

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7711
Mean 1.265
RMS 0.7162
size [# of strips]

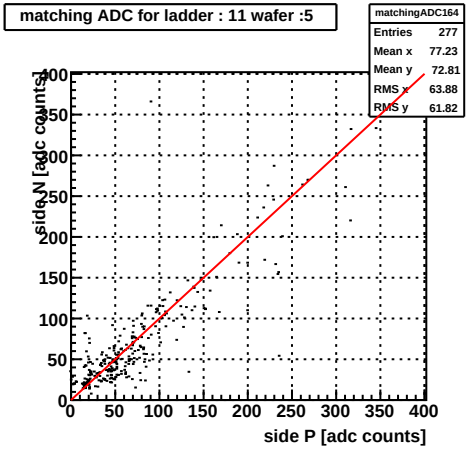

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 449
Mean x 70.1
Mean y 56.66
RMS x 63.75
RMS y 49.8
side N [adc counts]
side P [adc counts]

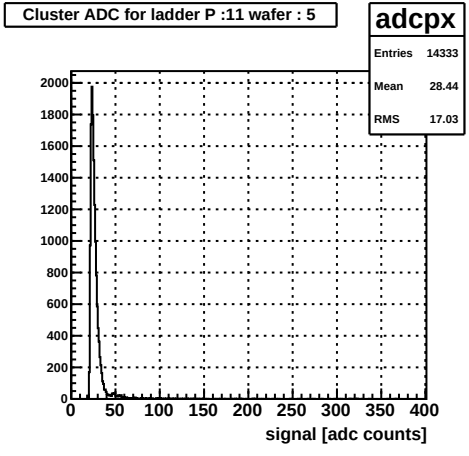

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4320
Mean 38.31
RMS 35.72
signal [adc counts]

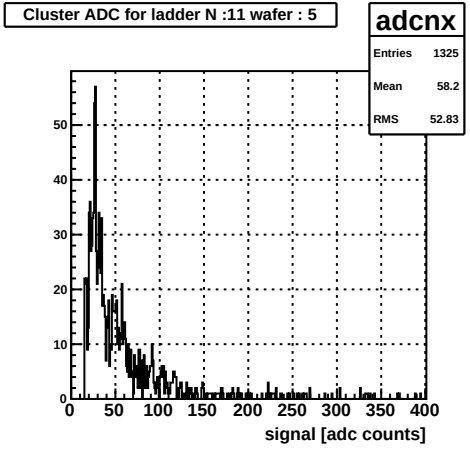

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7711
Mean 30.98
RMS 26.29
signal [adc counts]

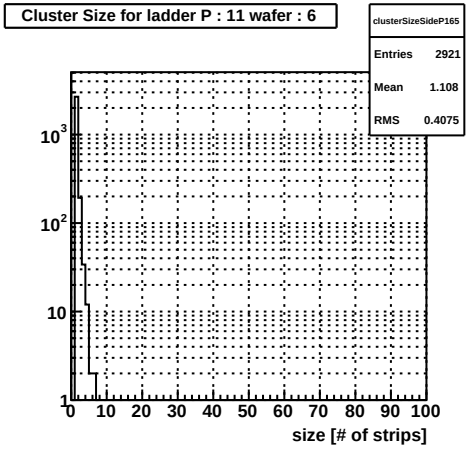

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 14333
Mean 1.035
RMS 0.205
size [# of strips]

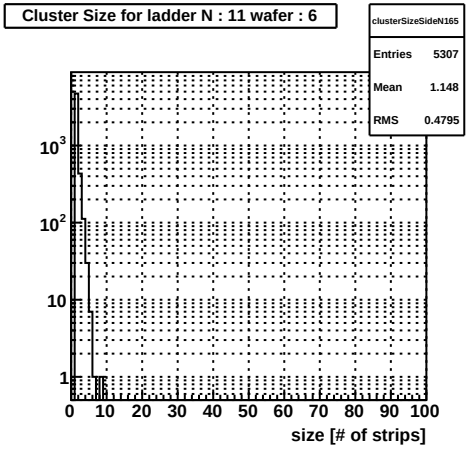

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1325
Mean 1.424
RMS 0.7339
size [# of strips]

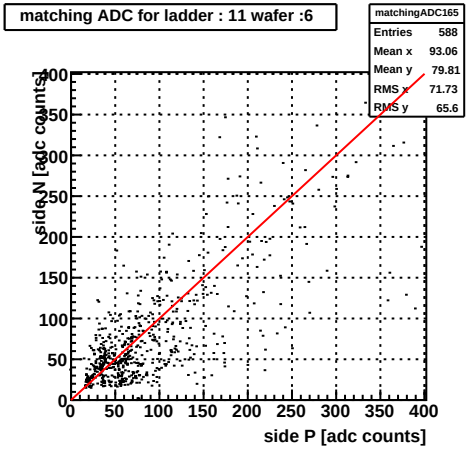

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 277
Mean x 77.23
Mean y 72.81
RMS x 63.88
RMS y 61.82
side N [adc counts]
side P [adc counts]

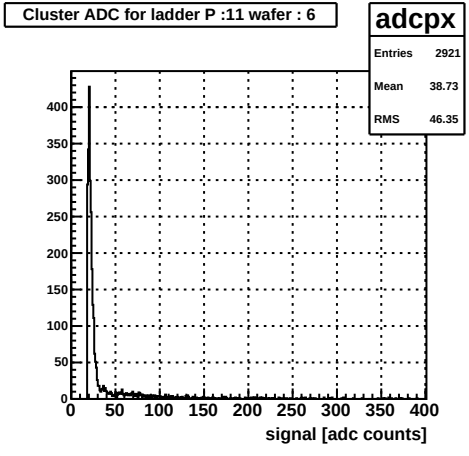

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 14333
Mean 28.44
RMS 17.03
signal [adc counts]

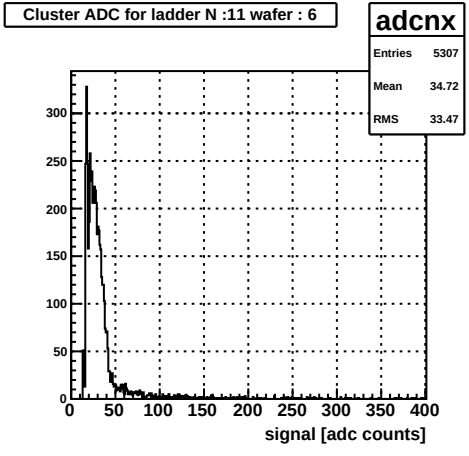

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1325
Mean 58.2
RMS 52.83
signal [adc counts]

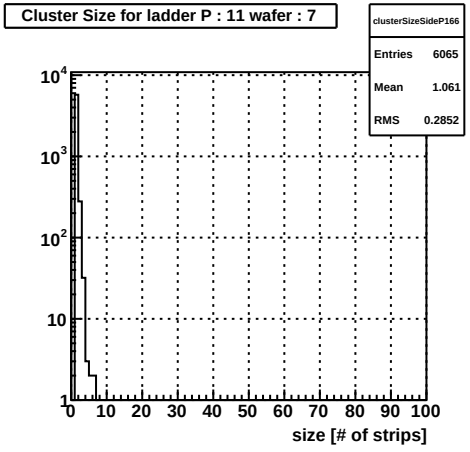

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2921
Mean 1.108
RMS 0.4075
size [# of strips]

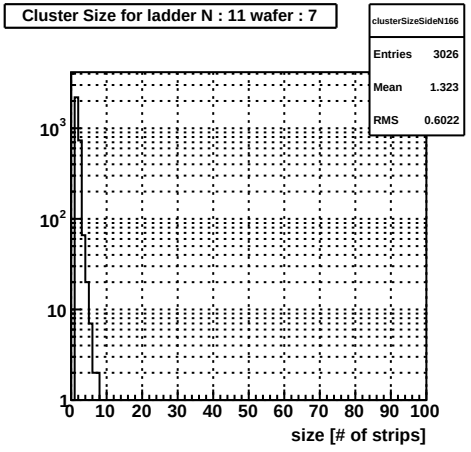

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5307
Mean 1.148
RMS 0.4795
size [# of strips]

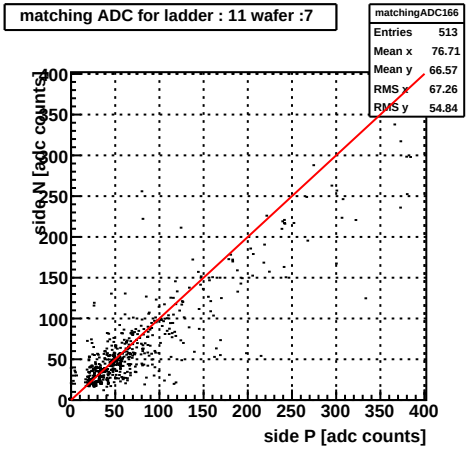

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 588
Mean x 93.06
Mean y 79.81
RMS x 71.73
RMS y 65.6
side N [adc counts]
side P [adc counts]

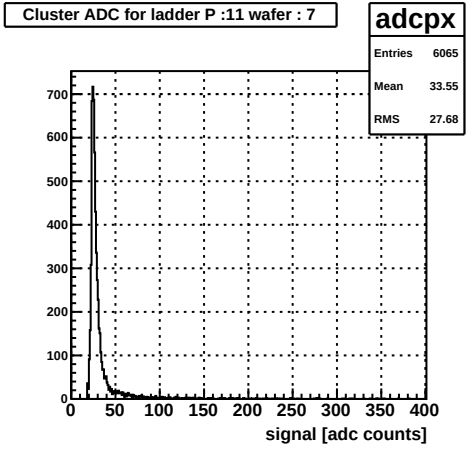

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2921
Mean 38.73
RMS 46.35
signal [adc counts]

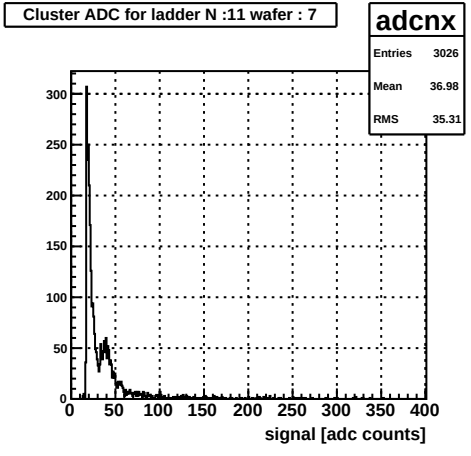

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5307
Mean 34.72
RMS 33.47
signal [adc counts]

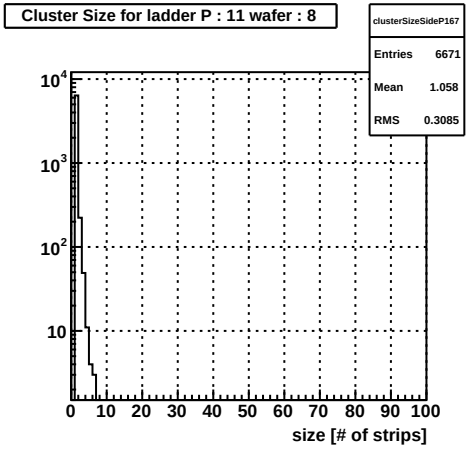

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6065
Mean 1.061
RMS 0.2852
size [# of strips]

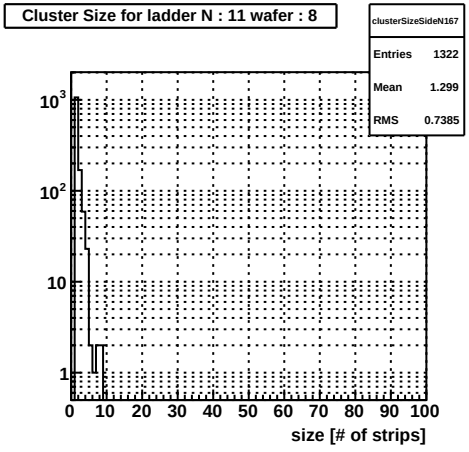

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3026
Mean 1.323
RMS 0.6022
size [# of strips]

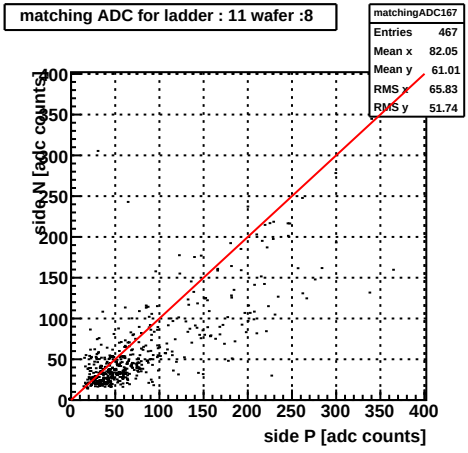

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 513
Mean x 76.71
Mean y 66.57
RMS x 67.26
RMS y 54.84
side N [adc counts]
side P [adc counts]

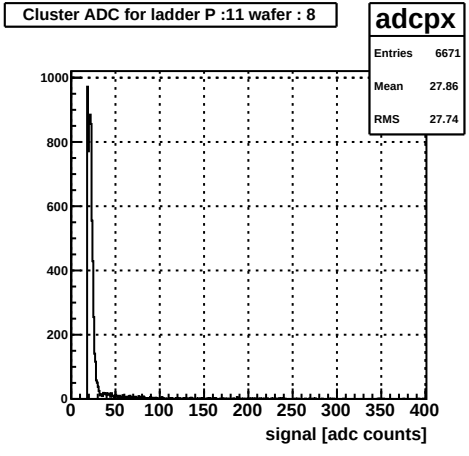

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6065
Mean 33.55
RMS 27.68
signal [adc counts]

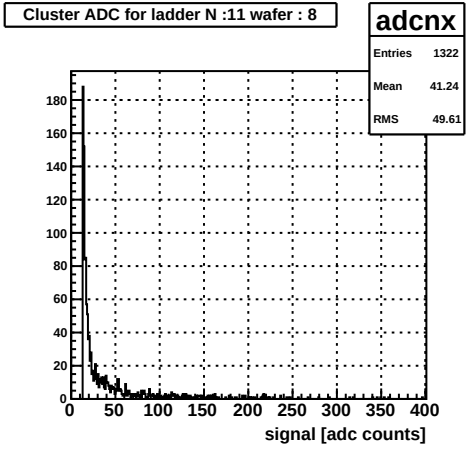

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3026
Mean 36.98
RMS 35.31
signal [adc counts]

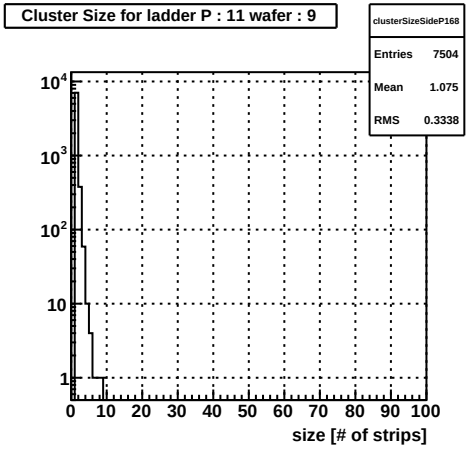

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6671
Mean 1.058
RMS 0.3085
size [# of strips]

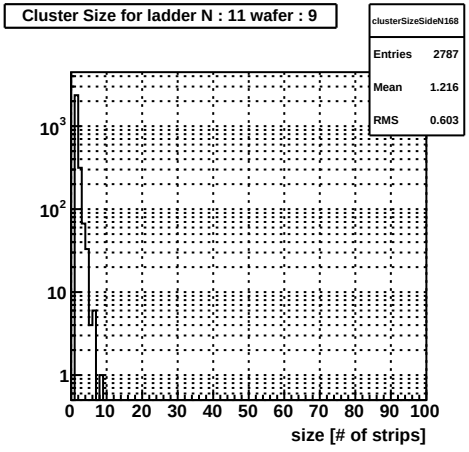

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1322
Mean 1.299
RMS 0.7385
size [# of strips]

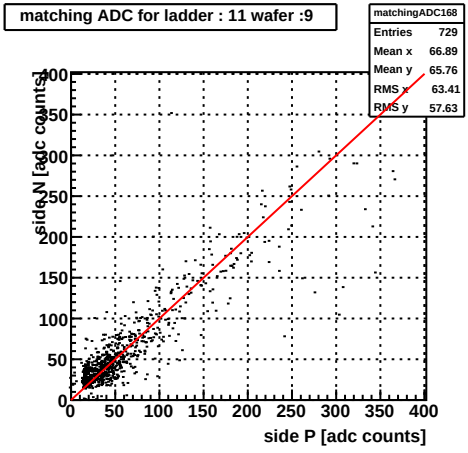

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 467
Mean x 82.05
Mean y 61.01
RMS x 65.83
RMS y 51.74
side N [adc counts]
side P [adc counts]

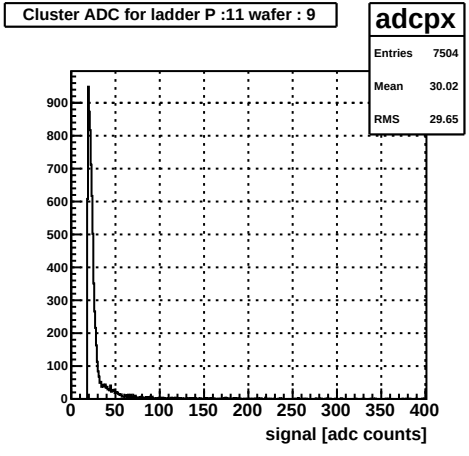

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6671
Mean 27.86
RMS 27.74
signal [adc counts]

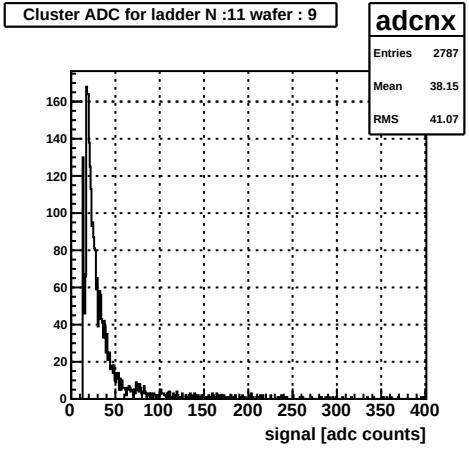

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1322
Mean 41.24
RMS 49.61
signal [adc counts]

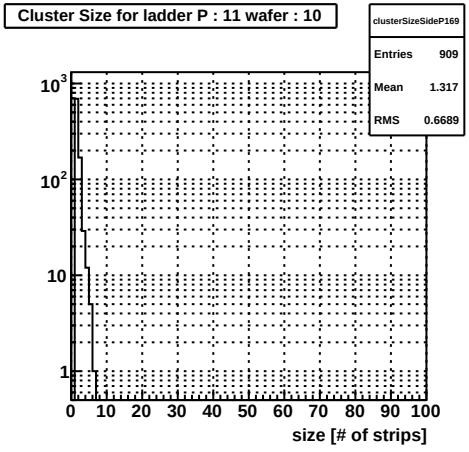

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7504
Mean 1.075
RMS 0.3338
size [# of strips]

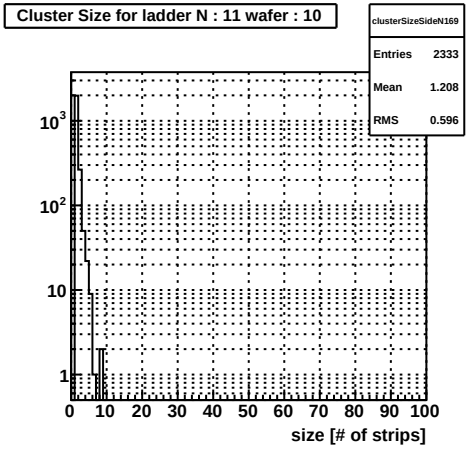

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2787
Mean 1.216
RMS 0.603
size [# of strips]

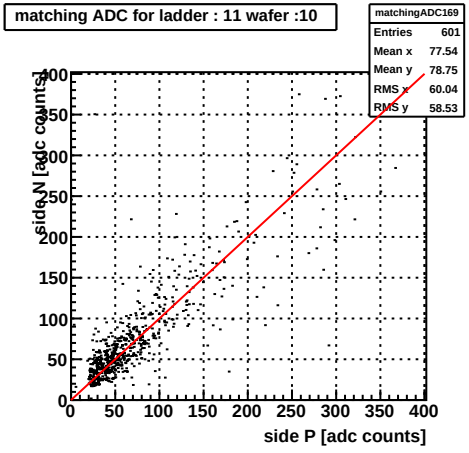

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 729
Mean x 66.89
Mean y 65.76
RMS x 63.41
RMS y 57.63
side N [adc counts]
side P [adc counts]

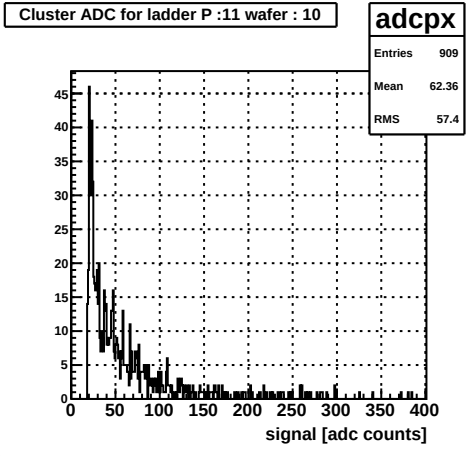

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7504
Mean 30.02
RMS 29.65
signal [adc counts]

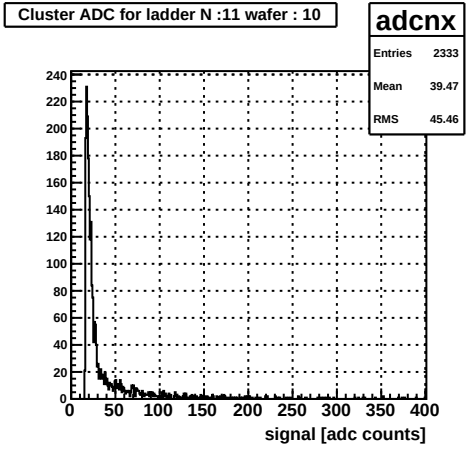

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2787
Mean 38.15
RMS 41.07
signal [adc counts]

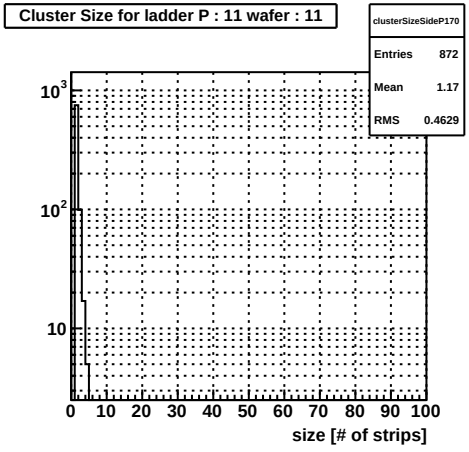

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 909
Mean 1.317
RMS 0.6689
size [# of strips]

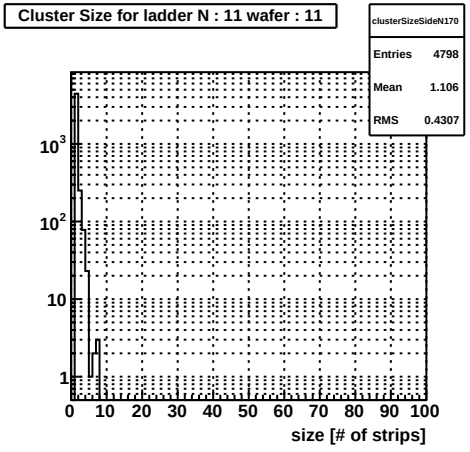

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2333
Mean 1.208
RMS 0.596
size [# of strips]

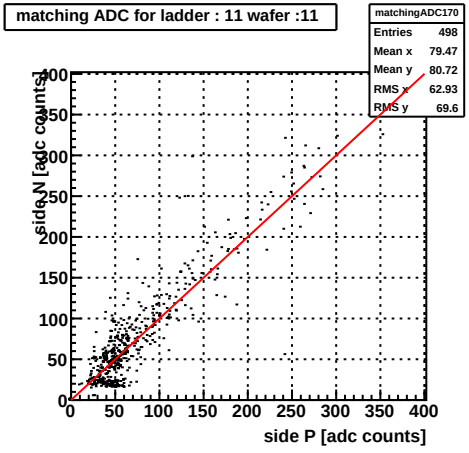

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 601
Mean x 77.54
Mean y 78.75
RMS x 60.04
RMS y 58.53
side N [adc counts]
side P [adc counts]

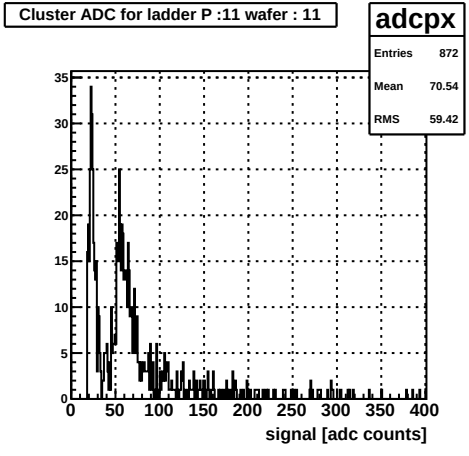

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 909
Mean 62.36
RMS 57.4
signal [adc counts]

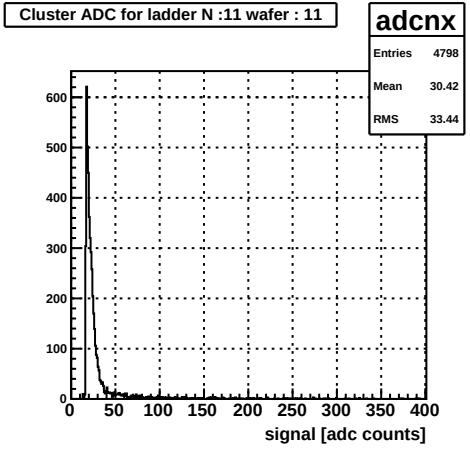

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2333
Mean 39.47
RMS 45.46
signal [adc counts]

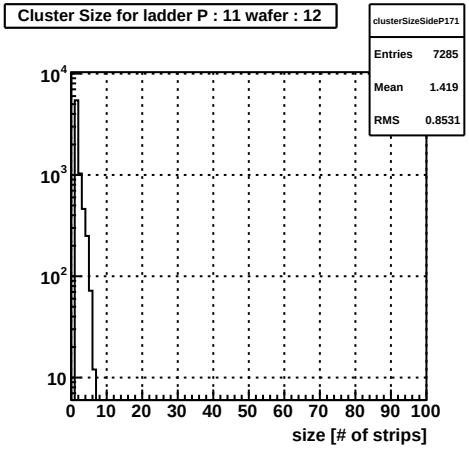

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 872
Mean 1.17
RMS 0.4629
size [# of strips]

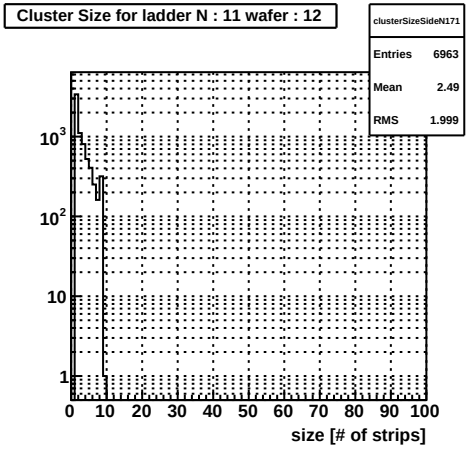

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4798
Mean 1.106
RMS 0.4307
size [# of strips]

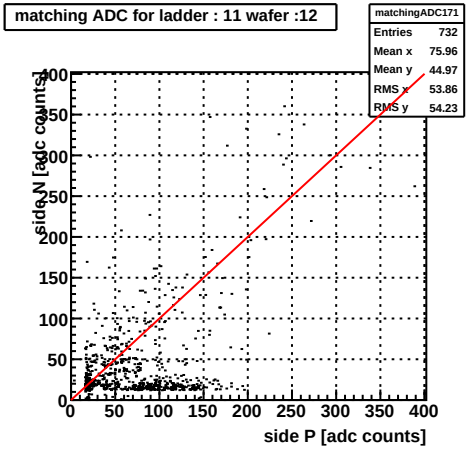

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 498
Mean x 79.47
Mean y 80.72
RMS x 62.93
RMS y 69.6
side N [adc counts]
side P [adc counts]

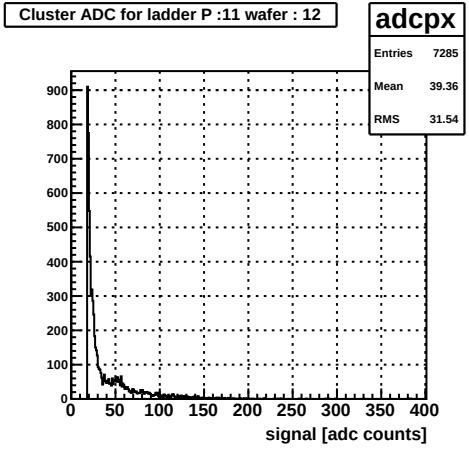

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 872
Mean 70.54
RMS 59.42
signal [adc counts]

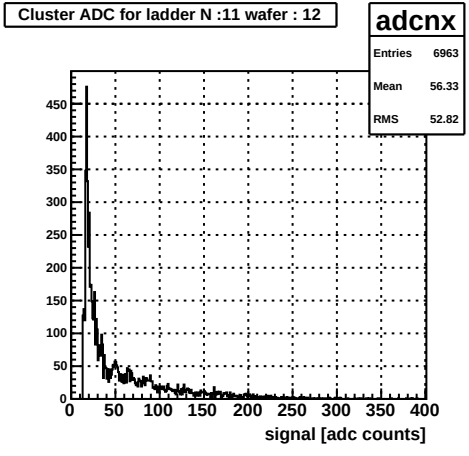

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4798
Mean 30.42
RMS 33.44
signal [adc counts]

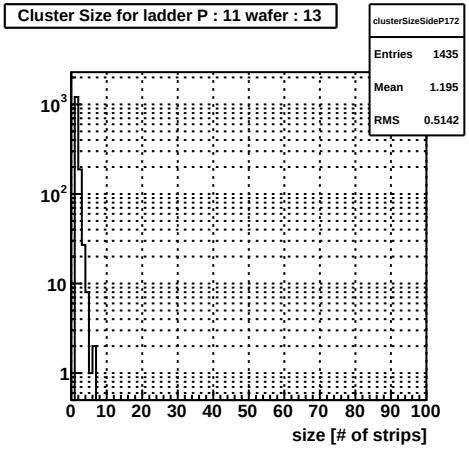

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7285
Mean 1.419
RMS 0.8531
size [# of strips]

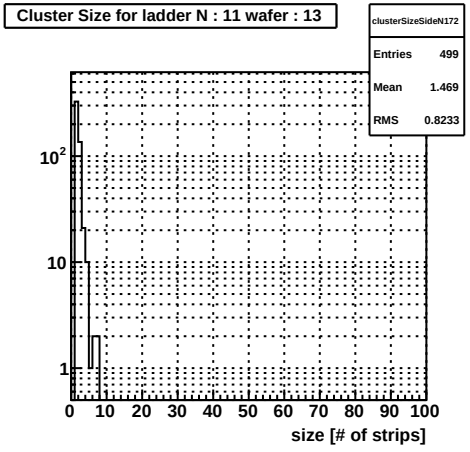

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 6963
Mean 2.49
RMS 1.999
size [# of strips]

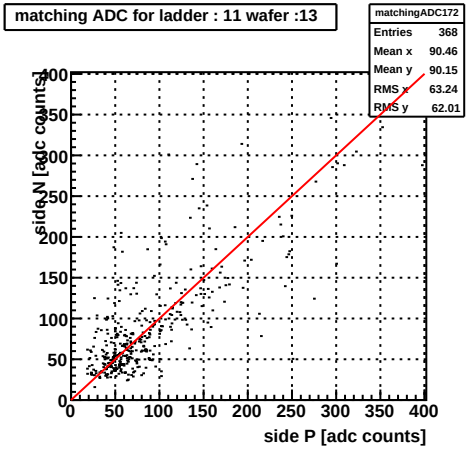

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 732
Mean x 75.96
Mean y 44.97
RMS x 53.86
RMS y 54.23
side N [adc counts]
side P [adc counts]

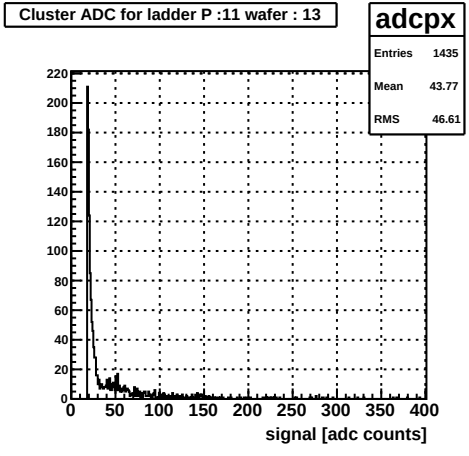

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7285
Mean 39.36
RMS 31.54
signal [adc counts]

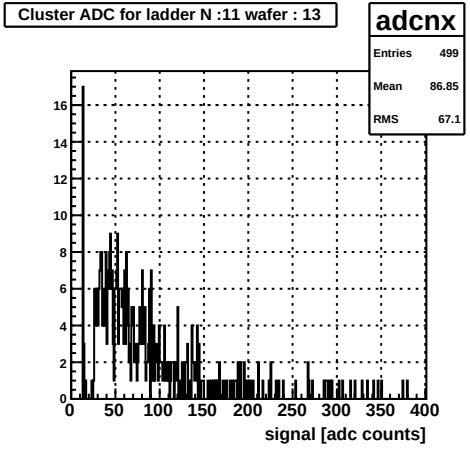

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 6963
Mean 56.33
RMS 52.82
signal [adc counts]

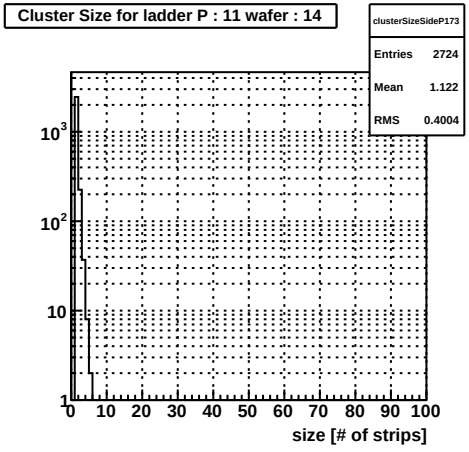

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1435
Mean 1.195
RMS 0.5142
size [# of strips]

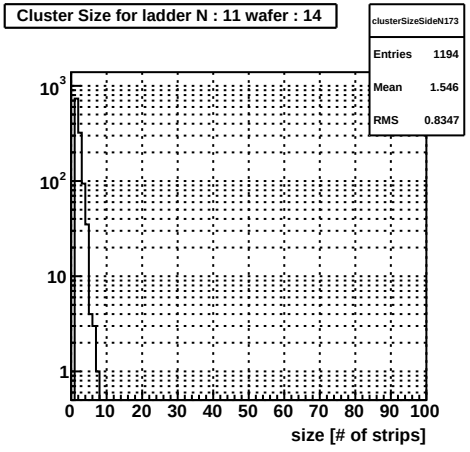

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 499
Mean 1.469
RMS 0.8233
size [# of strips]

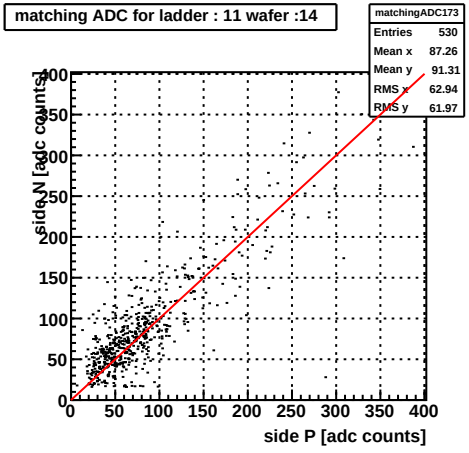

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 368
Mean x 90.46
Mean y 90.15
RMS x 63.24
RMS y 62.01
side N [adc counts]
side P [adc counts]

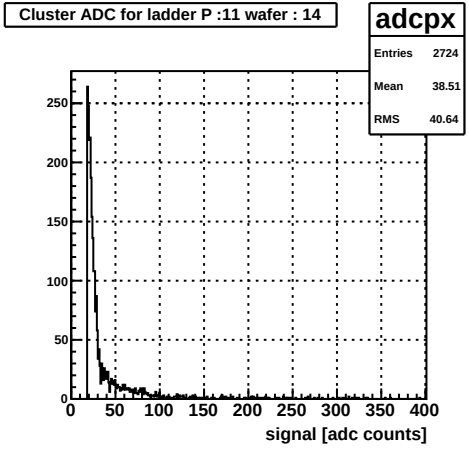

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1435
Mean 43.77
RMS 46.61
signal [adc counts]

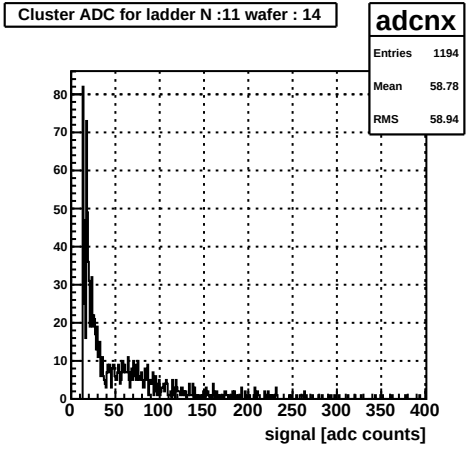

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 499
Mean 86.85
RMS 67.1
signal [adc counts]

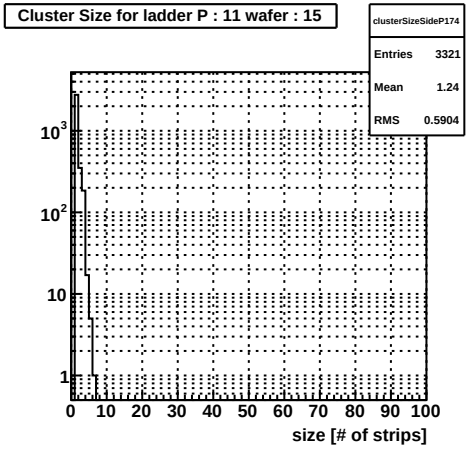

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2724
Mean 1.122
RMS 0.4004
size [# of strips]

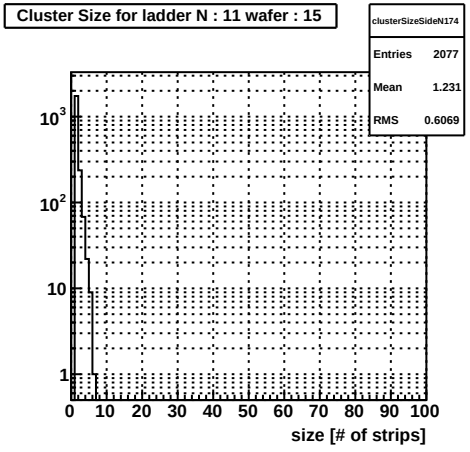

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1194
Mean 1.546
RMS 0.8347
size [# of strips]

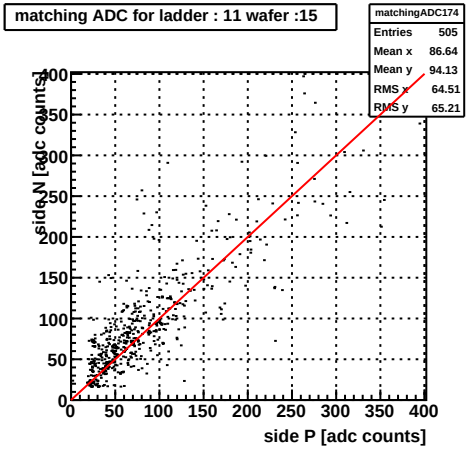

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 530
Mean x 87.26
Mean y 91.31
RMS x 62.94
RMS y 61.97
side N [adc counts]
side P [adc counts]

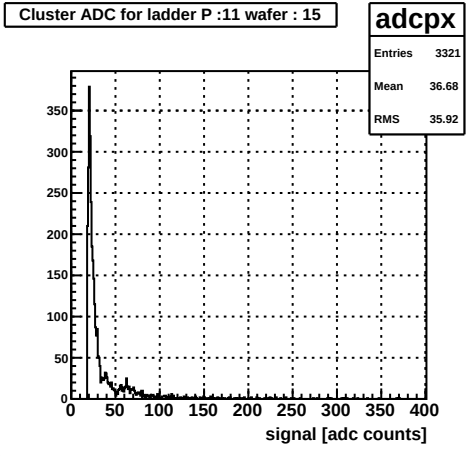

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2724
Mean 38.51
RMS 40.64
signal [adc counts]

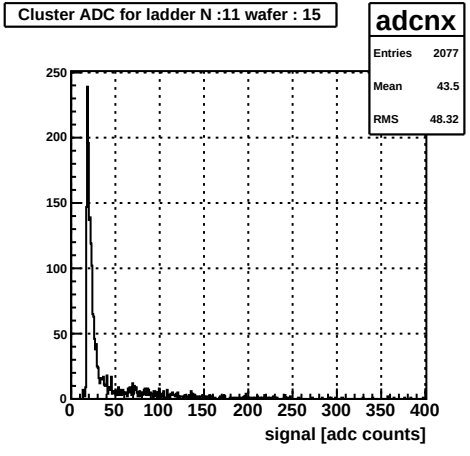

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1194
Mean 58.78
RMS 58.94
signal [adc counts]

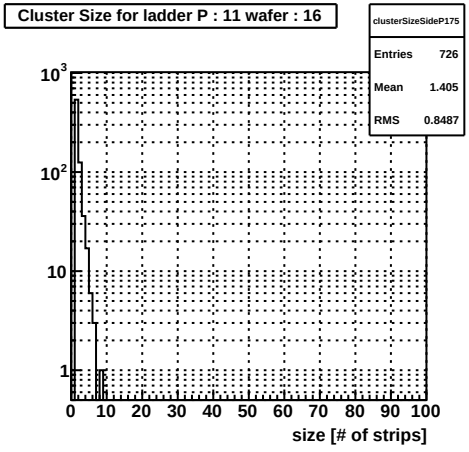

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3321
Mean 1.24
RMS 0.5904
size [# of strips]

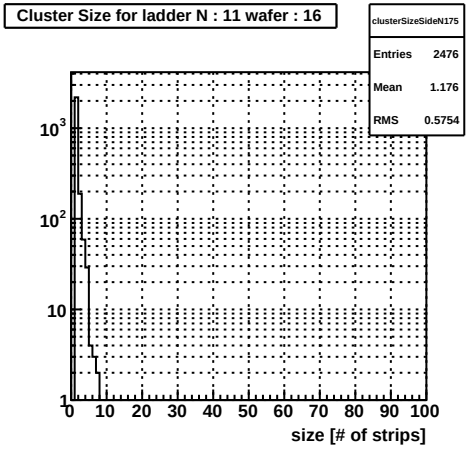

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2077
Mean 1.231
RMS 0.6069
size [# of strips]

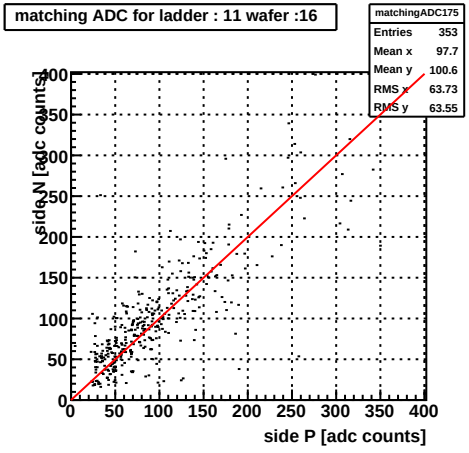

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 505
Mean x 86.64
Mean y 94.13
RMS x 64.51
RMS y 65.21
side N [adc counts]
side P [adc counts]

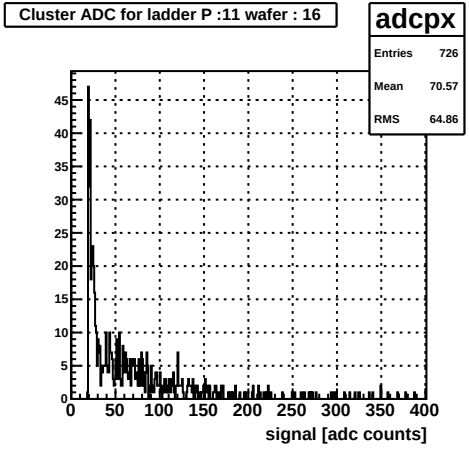

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3321
Mean 36.68
RMS 35.92
signal [adc counts]

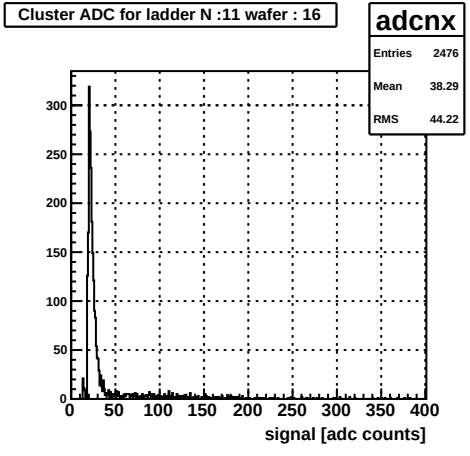

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2077
Mean 43.5
RMS 48.32
signal [adc counts]

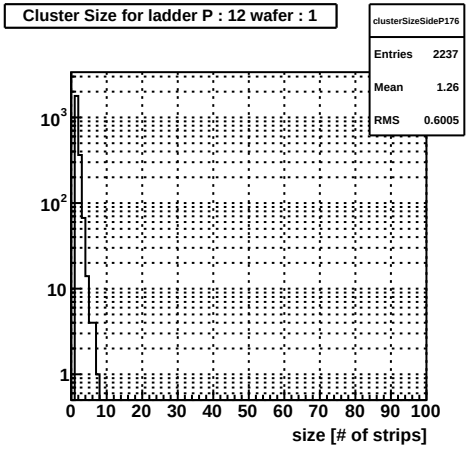

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 726
Mean 1.405
RMS 0.8487
size [# of strips]

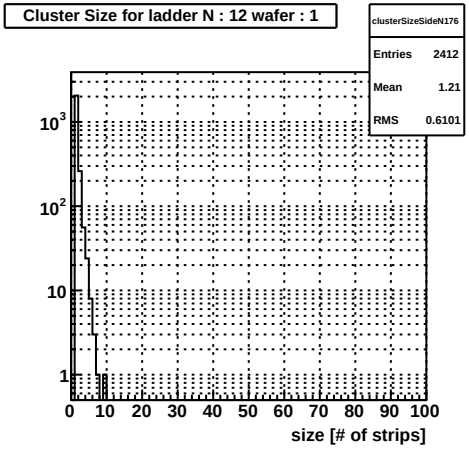

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2476
Mean 1.176
RMS 0.5754
size [# of strips]

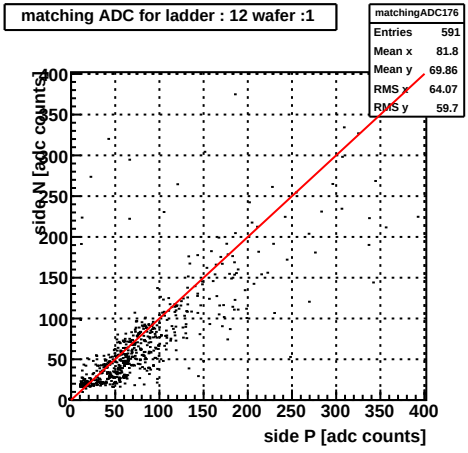

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 353
Mean x 97.7
Mean y 100.6
RMS x 63.73
RMS y 63.55
side N [adc counts]
side P [adc counts]

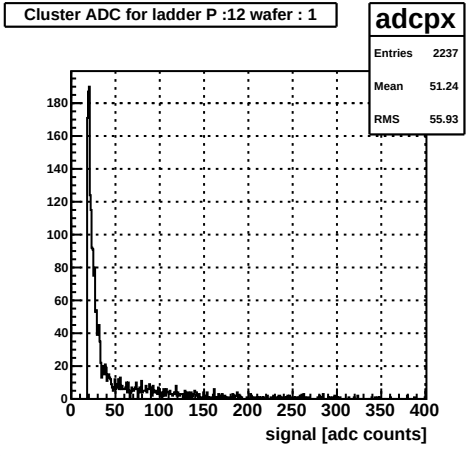

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 726
Mean 70.57
RMS 64.86
signal [adc counts]

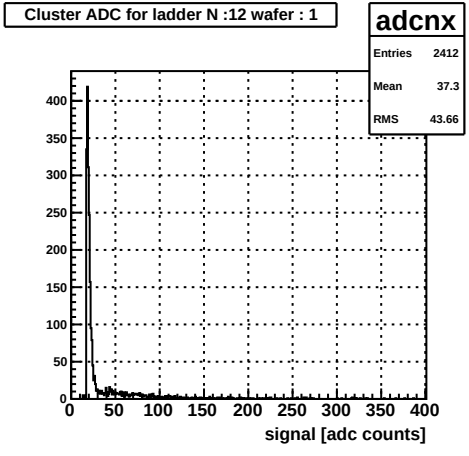

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2476
Mean 38.29
RMS 44.22
signal [adc counts]

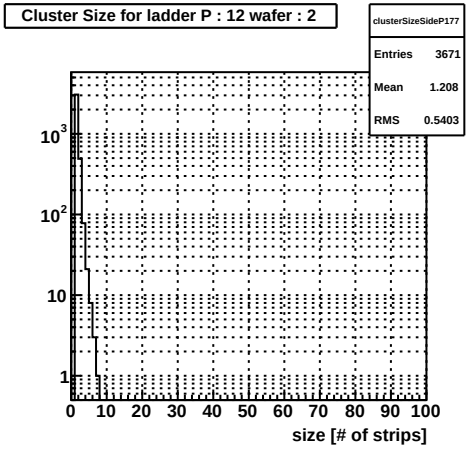

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2237
Mean 1.26
RMS 0.6005
size [# of strips]

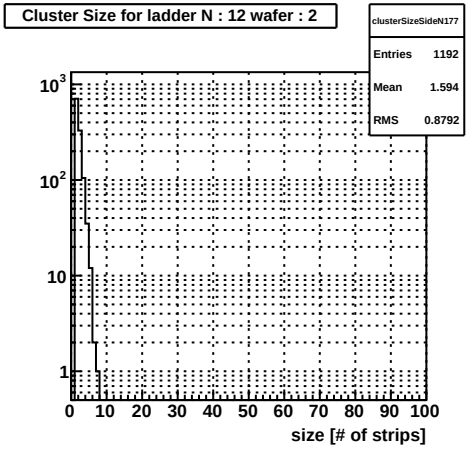

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2412
Mean 1.21
RMS 0.6101
size [# of strips]

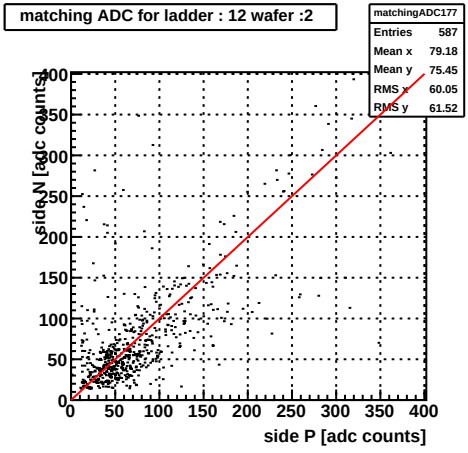

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 591
Mean x 81.8
Mean y 69.86
RMS x 64.07
RMS y 59.7
side N [adc counts]
side P [adc counts]

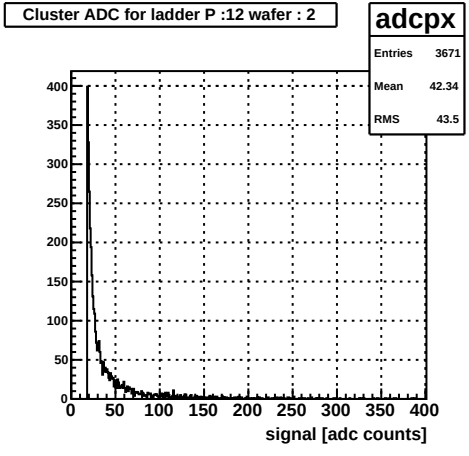

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2237
Mean 51.24
RMS 55.93
signal [adc counts]

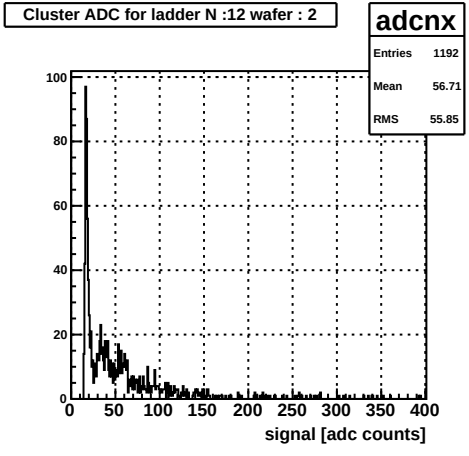

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2412
Mean 37.3
RMS 43.66
signal [adc counts]

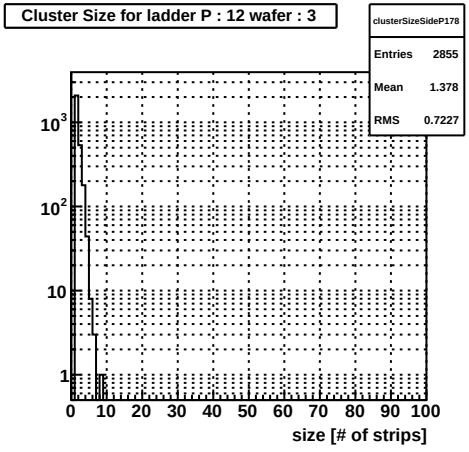

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3671
Mean 1.208
RMS 0.5403
size [# of strips]

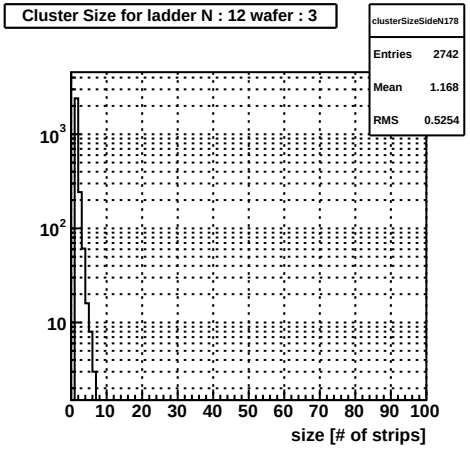

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1192
Mean 1.594
RMS 0.8792
size [# of strips]

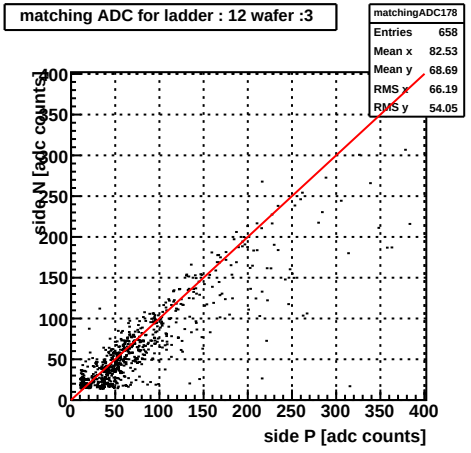

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 587
Mean x 79.18
Mean y 75.45
RMS x 60.05
RMS y 61.52
side N [adc counts]
side P [adc counts]

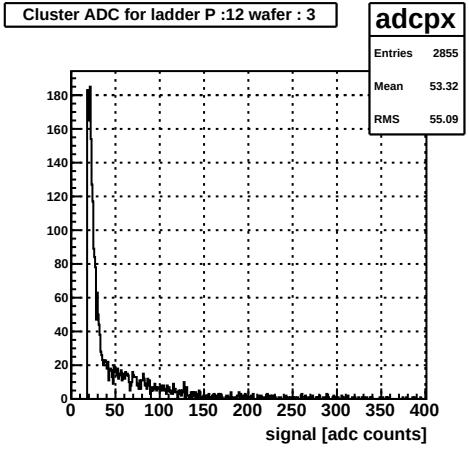

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3671
Mean 42.34
RMS 43.5
signal [adc counts]

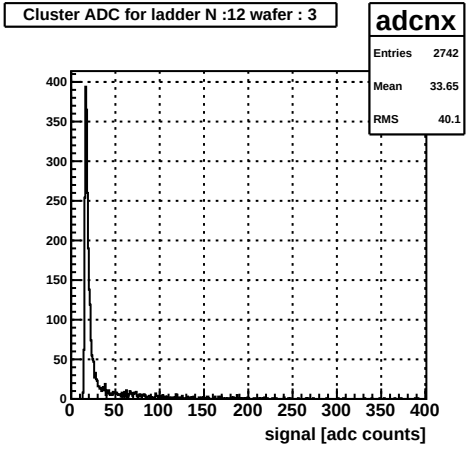

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1192
Mean 56.71
RMS 55.85
signal [adc counts]

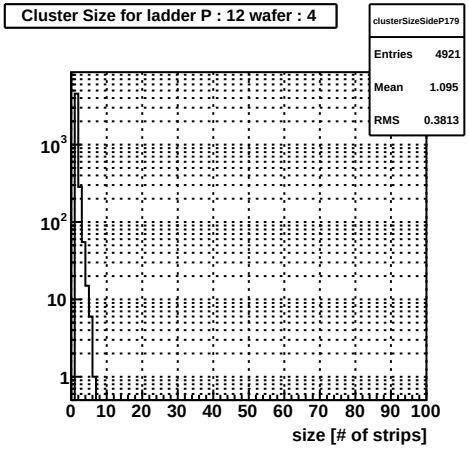

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2855
Mean 1.378
RMS 0.7227
size [# of strips]

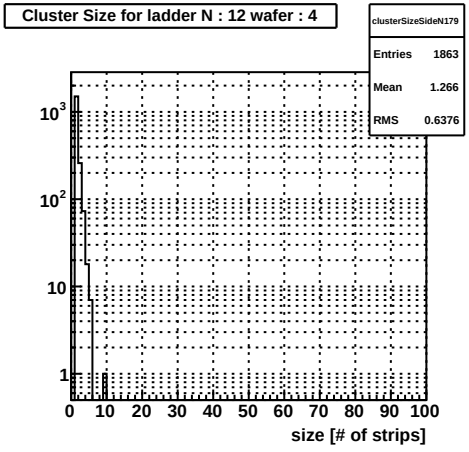

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2742
Mean 1.168
RMS 0.5254
size [# of strips]

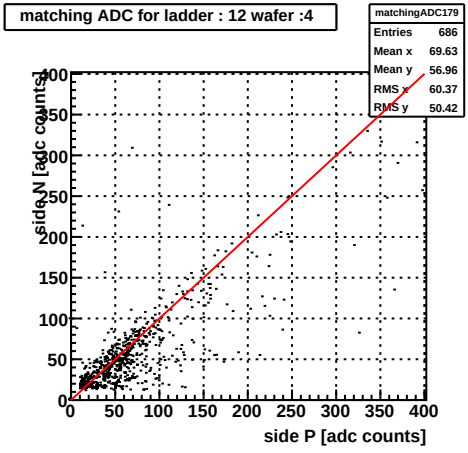

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 658
Mean x 82.53
Mean y 68.69
RMS x 66.19
RMS y 54.05
side N [adc counts]
side P [adc counts]

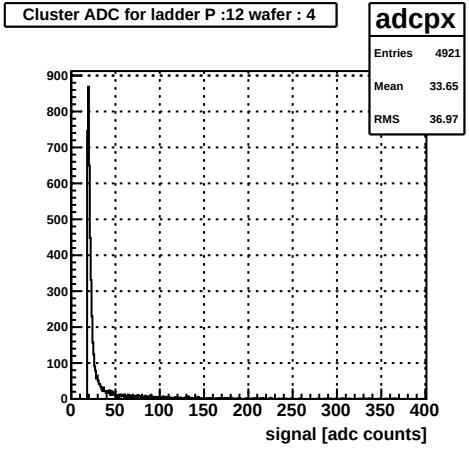

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2855
Mean 53.32
RMS 55.09
signal [adc counts]

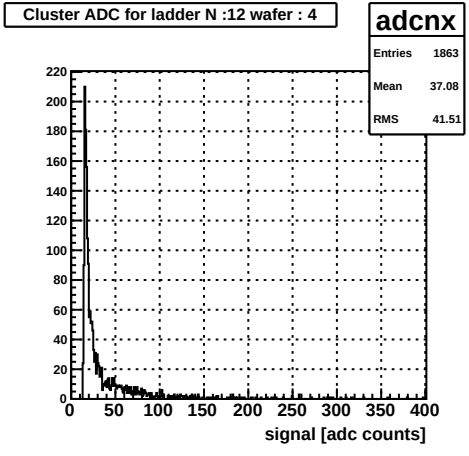

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2742
Mean 33.65
RMS 40.1
signal [adc counts]

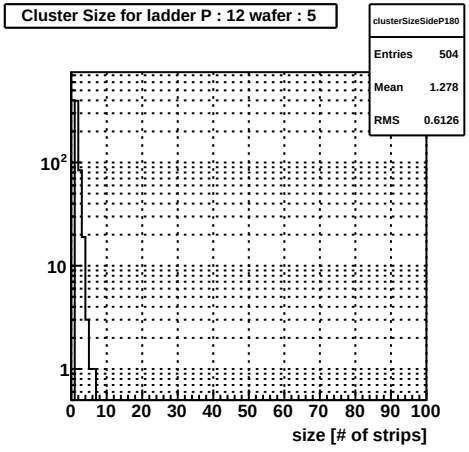

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4921
Mean 1.095
RMS 0.3813
size [# of strips]

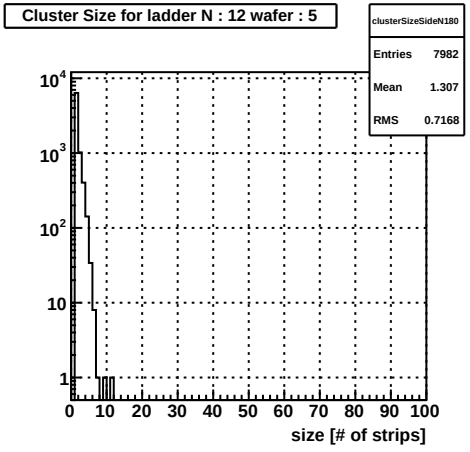

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1863
Mean 1.266
RMS 0.6376
size [# of strips]

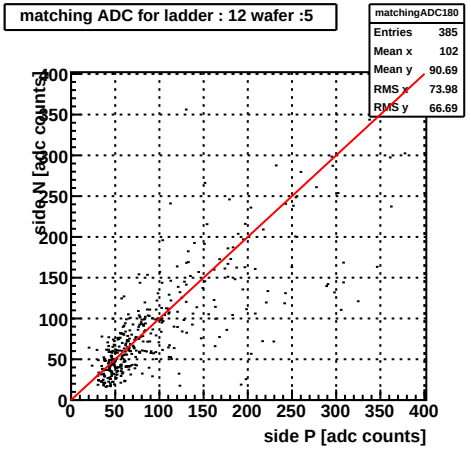

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 686
Mean x 69.63
Mean y 56.96
RMS x 60.37
RMS y 50.42
side N [adc counts]
side P [adc counts]

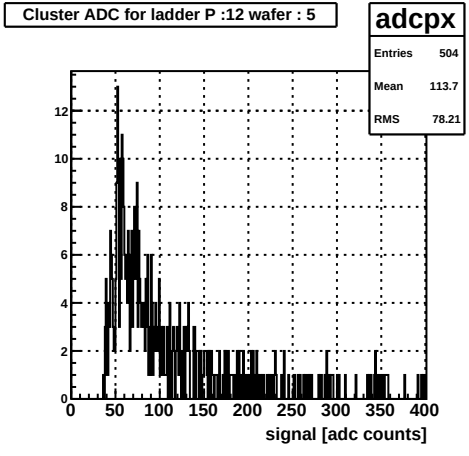

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4921
Mean 33.65
RMS 36.97
signal [adc counts]

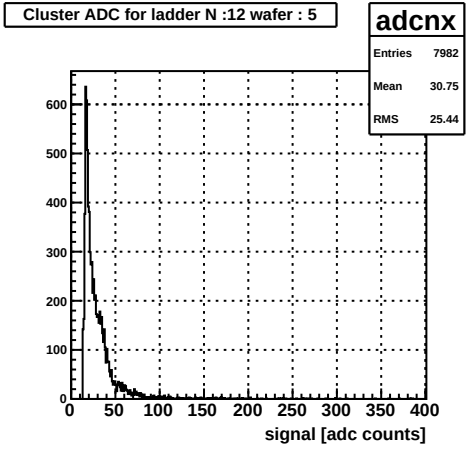

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1863
Mean 37.08
RMS 41.51
signal [adc counts]

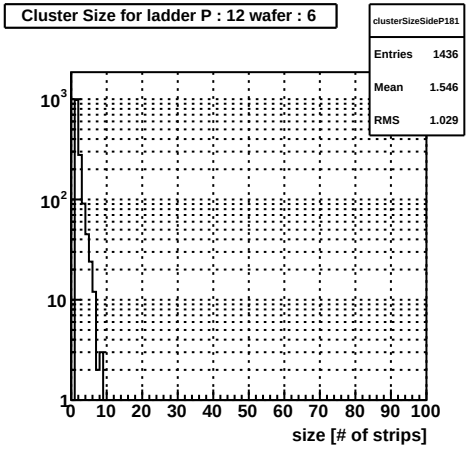

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 504
Mean 1.278
RMS 0.6126
size [# of strips]

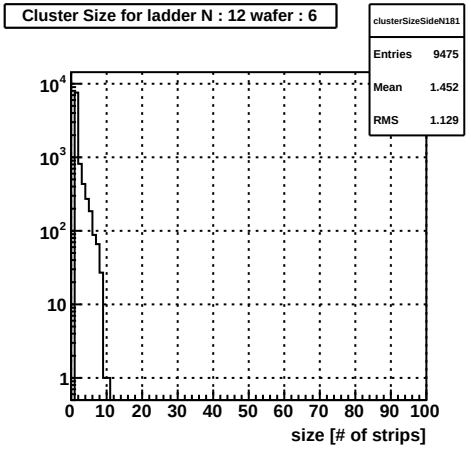

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7982
Mean 1.307
RMS 0.7168
size [# of strips]

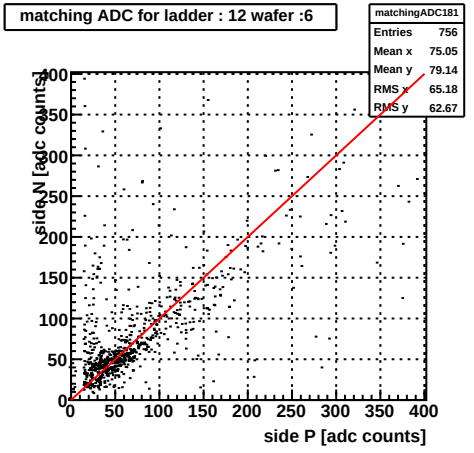

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 385
Mean x 102
Mean y 90.69
RMS x 73.98
RMS y 66.69
side N [adc counts]
side P [adc counts]

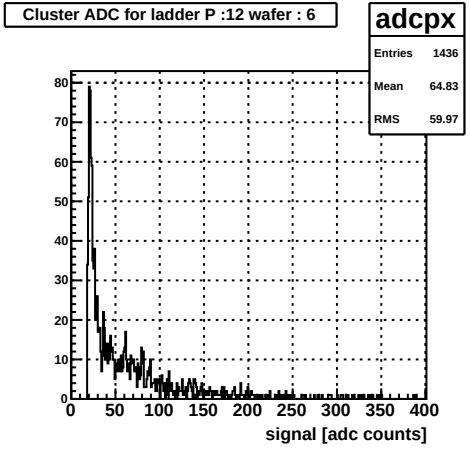

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 504
Mean 113.7
RMS 78.21
signal [adc counts]

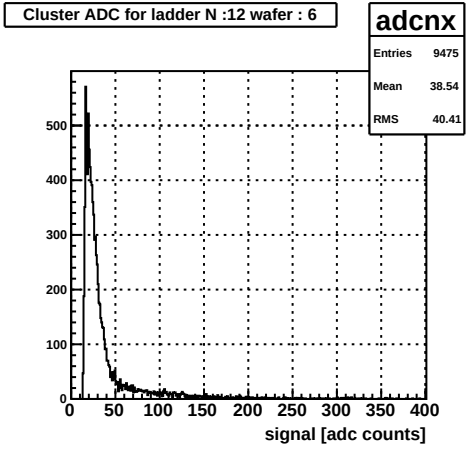

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7982
Mean 30.75
RMS 25.44
signal [adc counts]

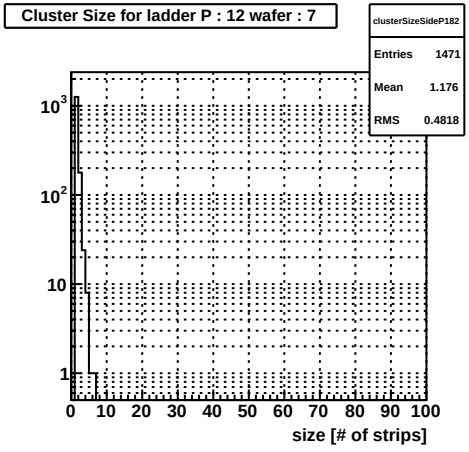

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1436
Mean 1.546
RMS 1.029
size [# of strips]

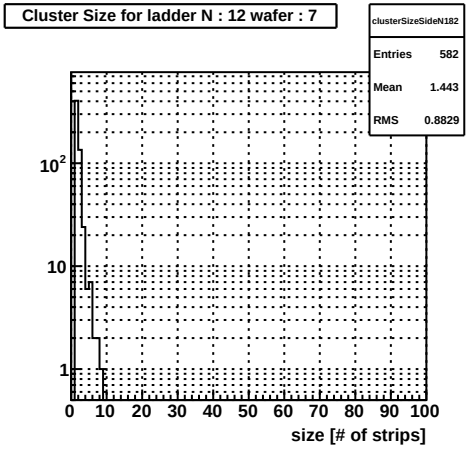

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 9475
Mean 1.452
RMS 1.129
size [# of strips]

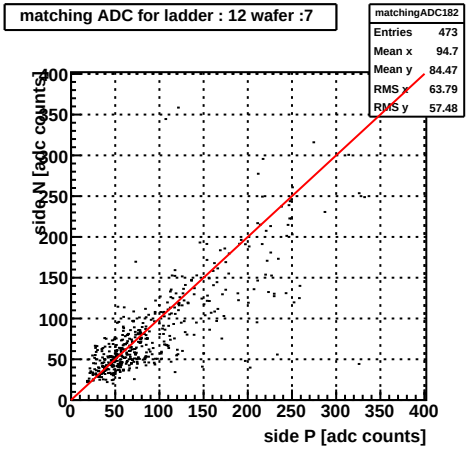

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 756
Mean x 75.05
Mean y 79.14
RMS x 65.18
RMS y 62.67
side N [adc counts]
side P [adc counts]

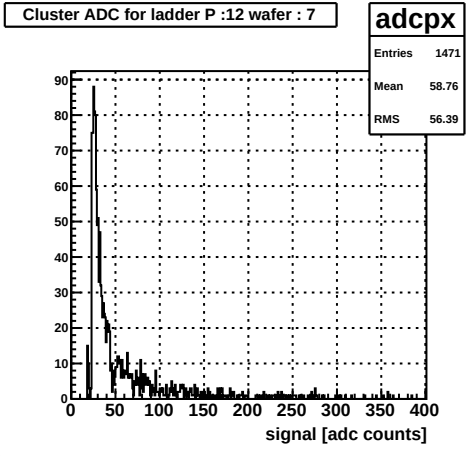

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1436
Mean 64.83
RMS 59.97
signal [adc counts]

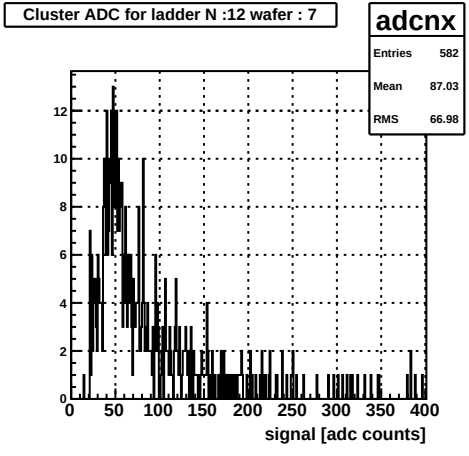

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 9475
Mean 38.54
RMS 40.41
signal [adc counts]

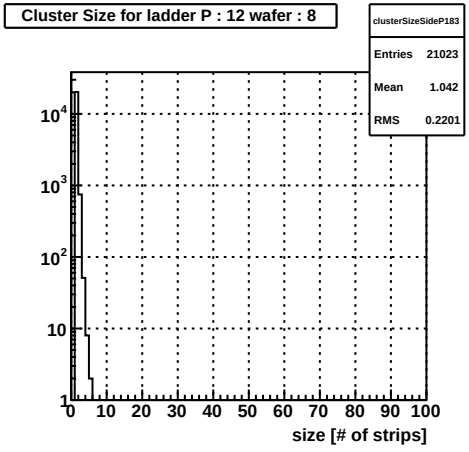

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1471
Mean 1.176
RMS 0.4818
size [# of strips]

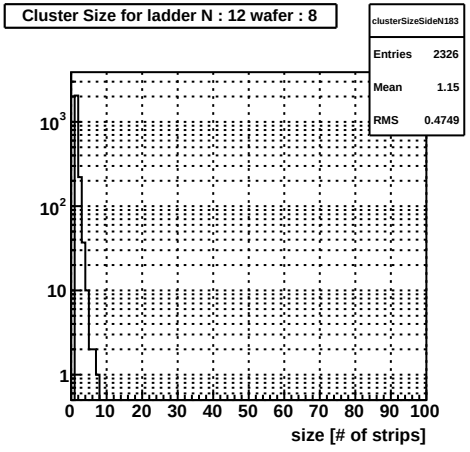

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 582
Mean 1.443
RMS 0.8829
size [# of strips]

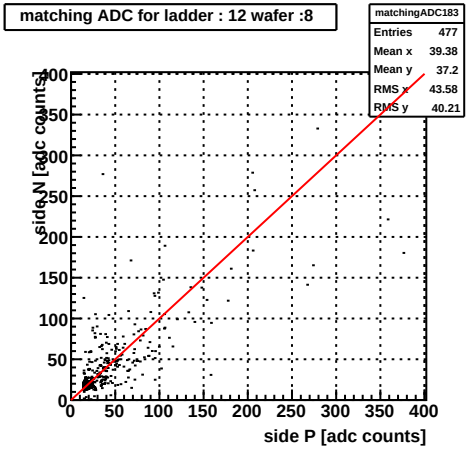

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 473
Mean x 94.7
Mean y 84.47
RMS x 63.79
RMS y 57.48
side N [adc counts]
side P [adc counts]

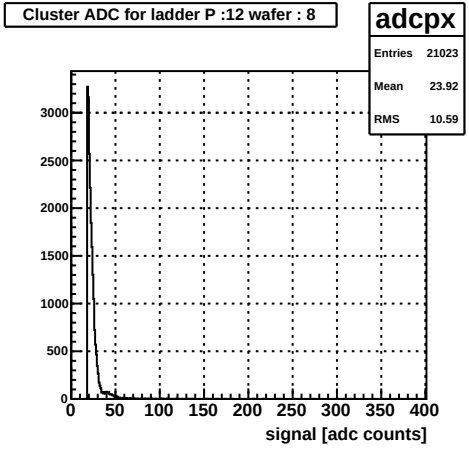

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1471
Mean 58.76
RMS 56.39
signal [adc counts]

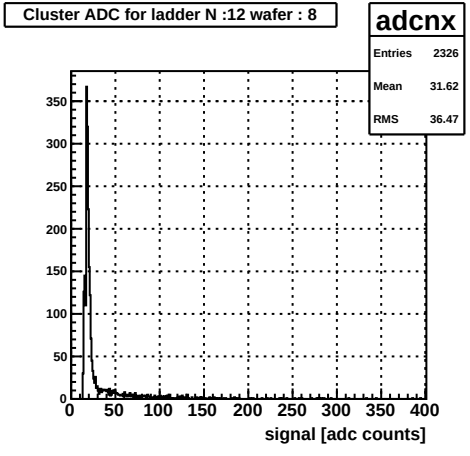

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 582
Mean 87.03
RMS 66.98
signal [adc counts]

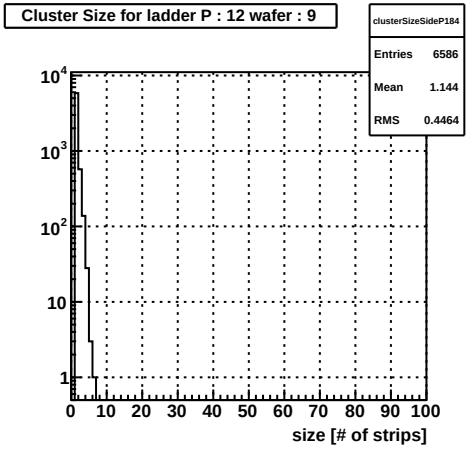

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21023
Mean 1.042
RMS 0.2201
size [# of strips]

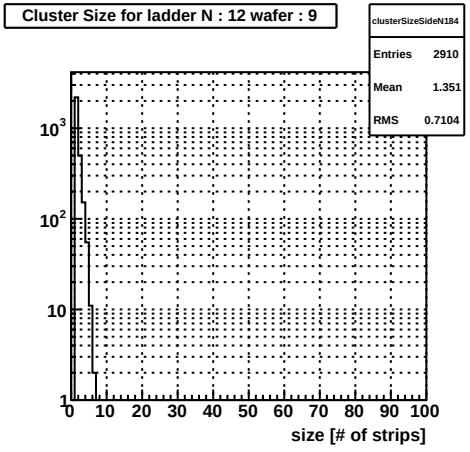

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2326
Mean 1.15
RMS 0.4749
size [# of strips]

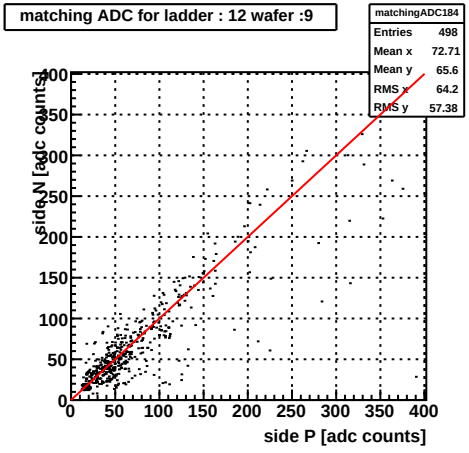

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 477
Mean x 39.38
Mean y 37.2
RMS x 43.58
RMS y 40.21
side N [adc counts]
side P [adc counts]

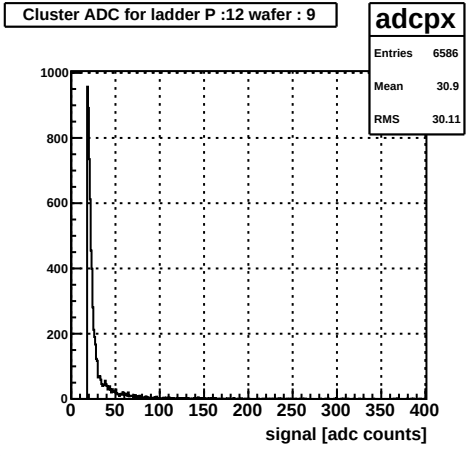

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21023
Mean 23.92
RMS 10.59
signal [adc counts]

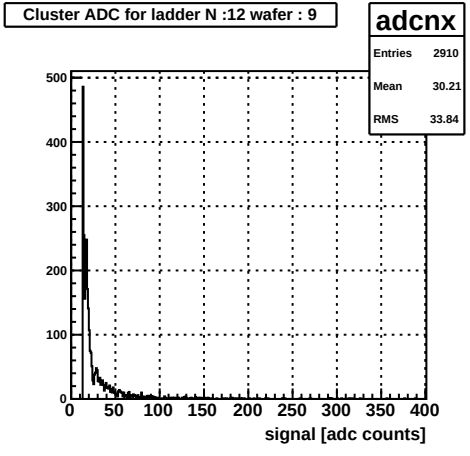

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2326
Mean 31.62
RMS 36.47
signal [adc counts]

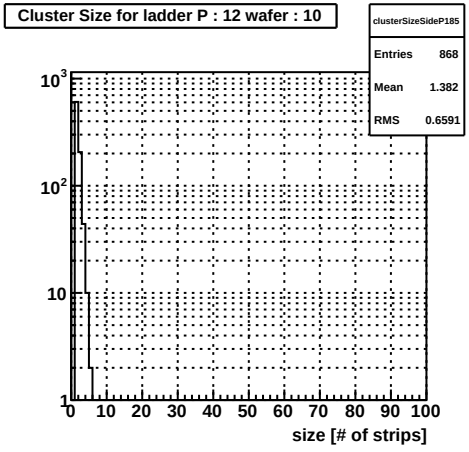

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6586
Mean 1.144
RMS 0.4464
size [# of strips]

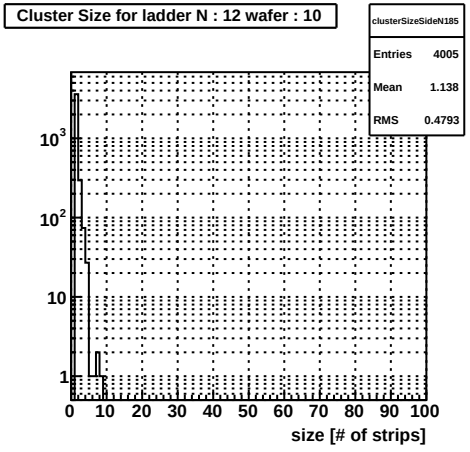

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2910
Mean 1.351
RMS 0.7104
size [# of strips]

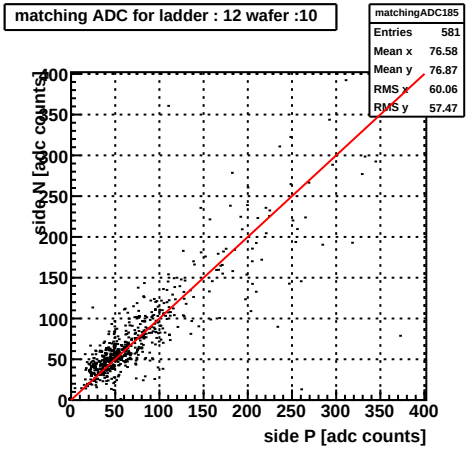

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 498
Mean x 72.71
Mean y 65.6
RMS x 64.2
RMS y 57.38
side N [adc counts]
side P [adc counts]

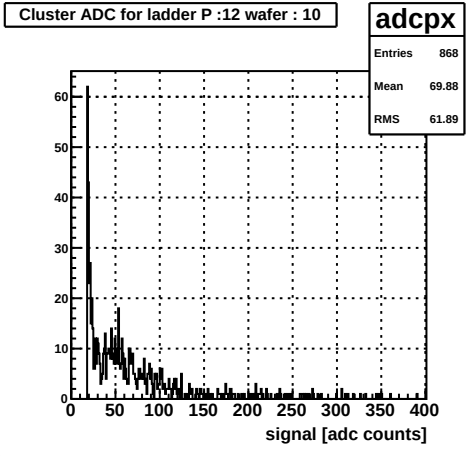

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6586
Mean 30.9
RMS 30.11
signal [adc counts]

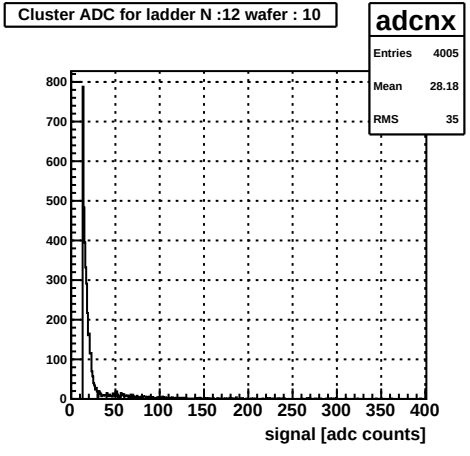

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2910
Mean 30.21
RMS 33.84
signal [adc counts]

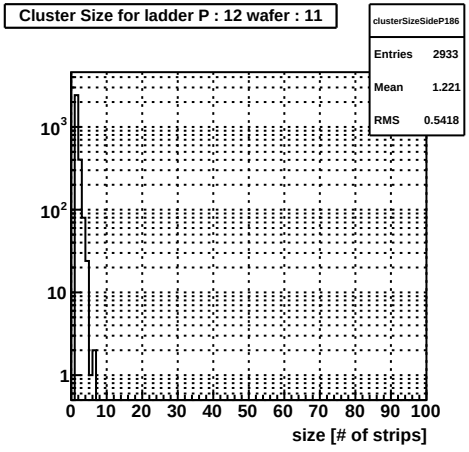

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 868
Mean 1.382
RMS 0.6591
size [# of strips]

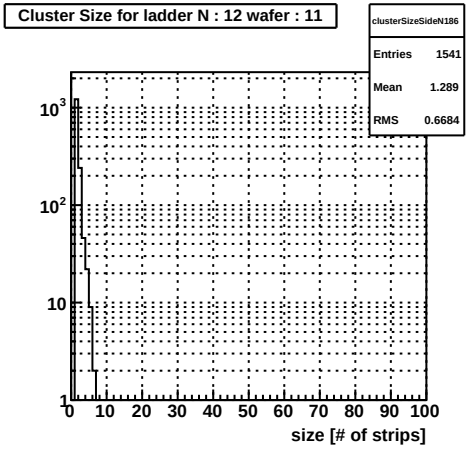

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4005
Mean 1.138
RMS 0.4793
size [# of strips]

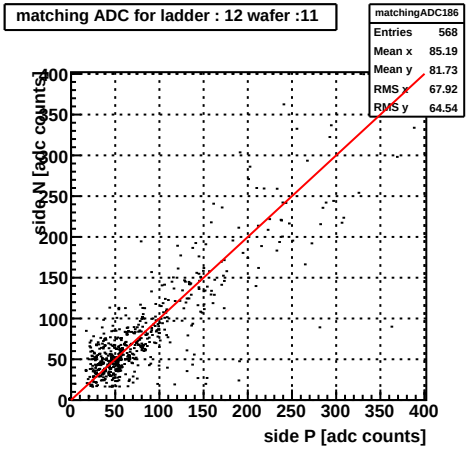

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 581
Mean x 76.58
Mean y 76.87
RMS x 60.06
RMS y 57.47
side N [adc counts]
side P [adc counts]

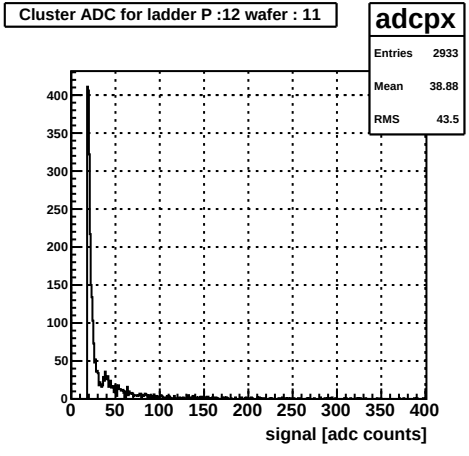

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 868
Mean 69.88
RMS 61.89
signal [adc counts]

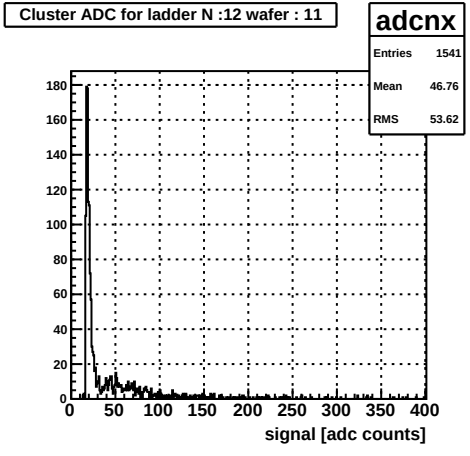

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4005
Mean 28.18
RMS 35
signal [adc counts]

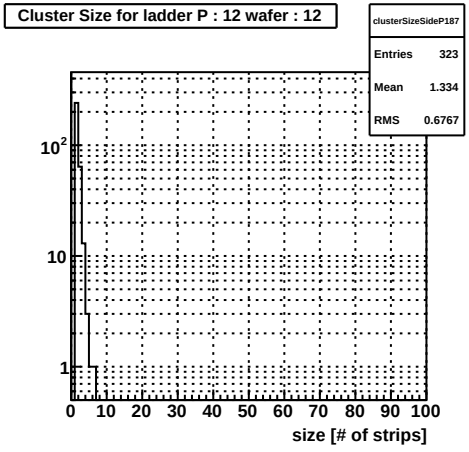

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2933
Mean 1.221
RMS 0.5418
size [# of strips]

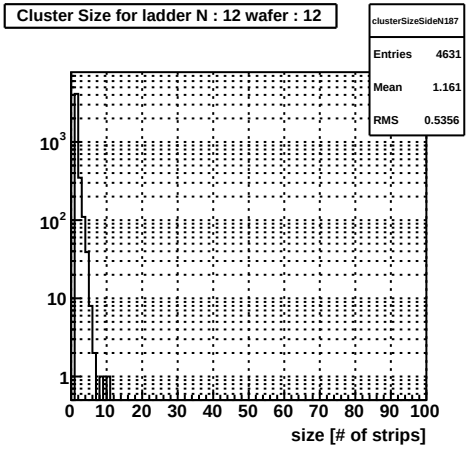

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1541
Mean 1.289
RMS 0.6684
size [# of strips]

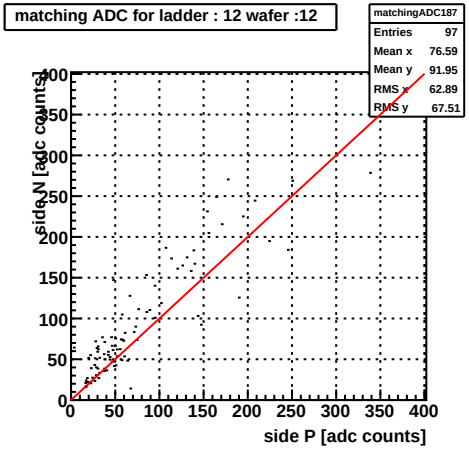

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 568
Mean x 85.19
Mean y 81.73
RMS x 67.92
RMS y 64.54
side N [adc counts]
side P [adc counts]

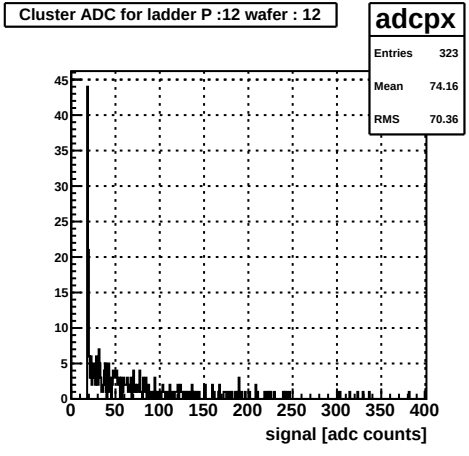

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2933
Mean 38.88
RMS 43.5
signal [adc counts]

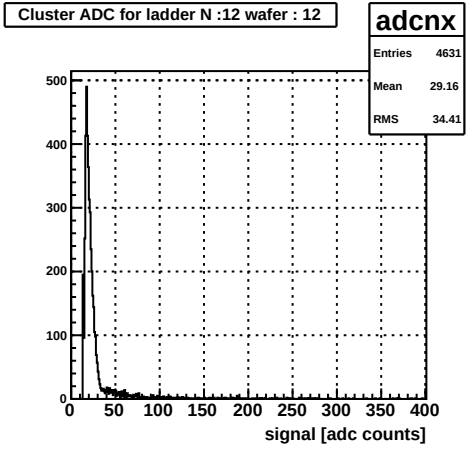

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1541
Mean 46.76
RMS 53.62
signal [adc counts]

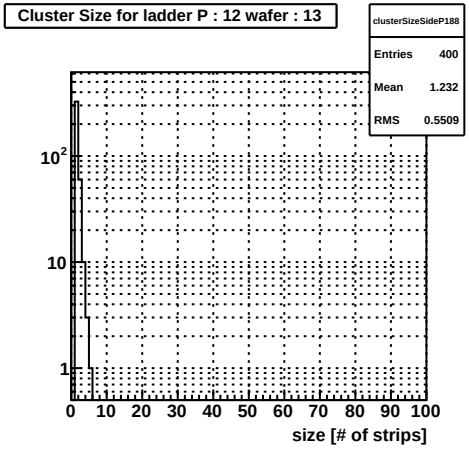

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 323
Mean 1.334
RMS 0.6767
size [# of strips]

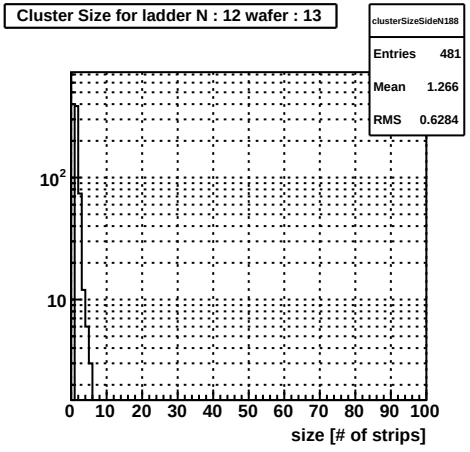

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4631
Mean 1.161
RMS 0.5356
size [# of strips]

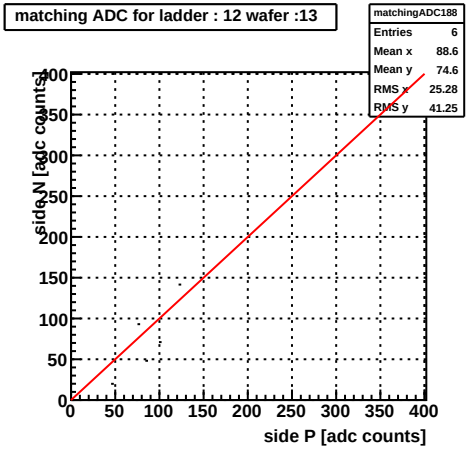

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 97
Mean x 76.59
Mean y 91.95
RMS x 62.89
RMS y 67.51
side N [adc counts]
side P [adc counts]

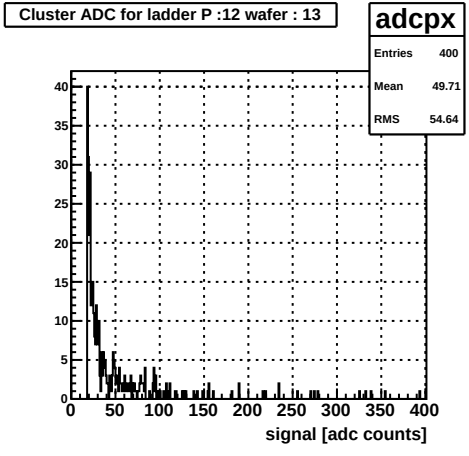

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 323
Mean 74.16
RMS 70.36
signal [adc counts]

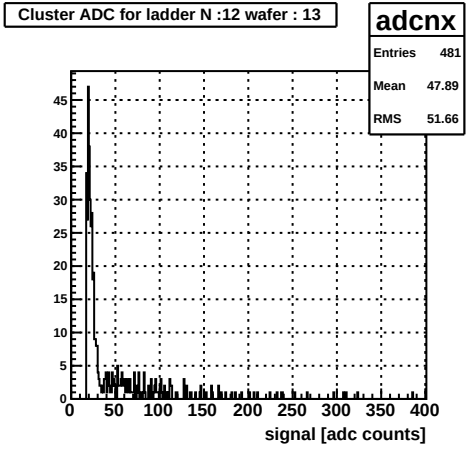

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4631
Mean 29.16
RMS 34.41
signal [adc counts]

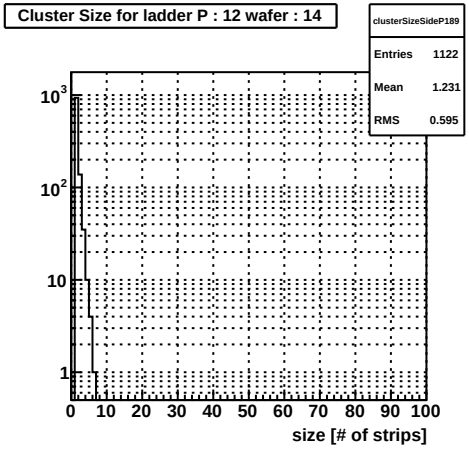

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 400
Mean 1.232
RMS 0.5509
size [# of strips]

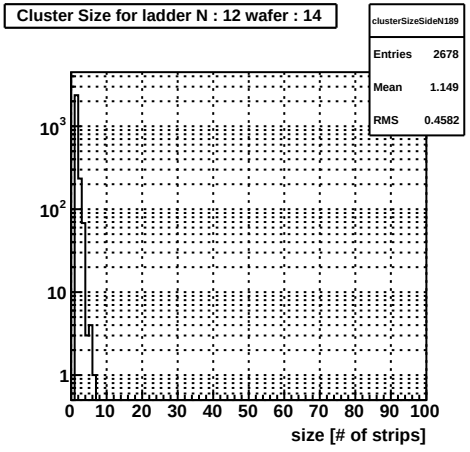

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 481
Mean 1.266
RMS 0.6284
size [# of strips]

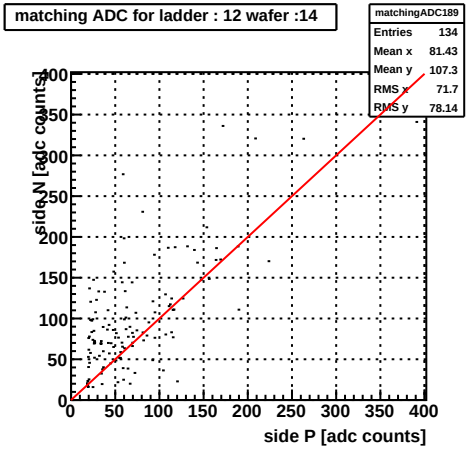

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 6
Mean x 88.6
Mean y 74.6
RMS x 25.28
RMS y 41.25
side N [adc counts]
side P [adc counts]

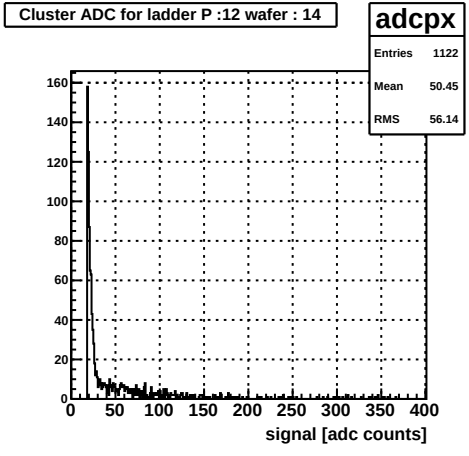

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 400
Mean 49.71
RMS 54.64
signal [adc counts]

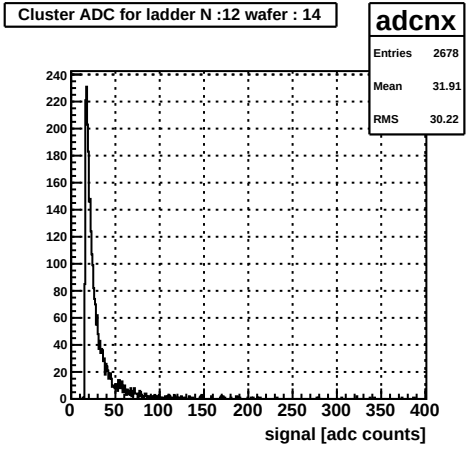

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 481
Mean 47.89
RMS 51.66
signal [adc counts]

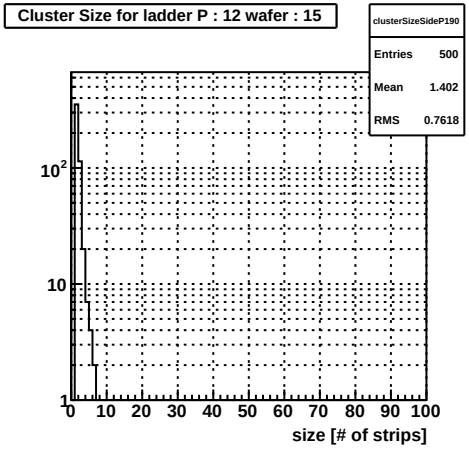

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1122
Mean 1.231
RMS 0.595
size [# of strips]

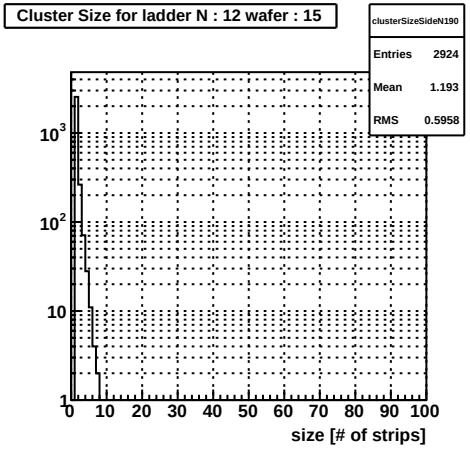

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2678
Mean 1.149
RMS 0.4582
size [# of strips]

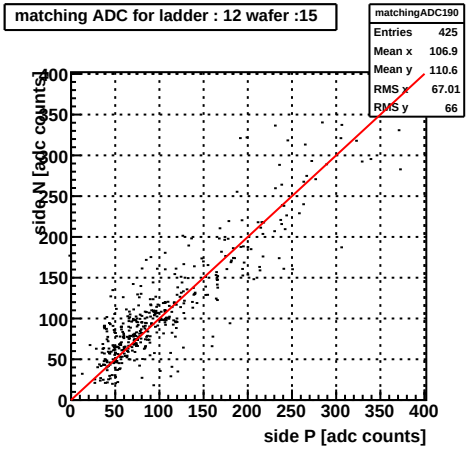

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 134
Mean x 81.43
Mean y 107.3
RMS x 71.7
RMS y 78.14
side N [adc counts]
side P [adc counts]

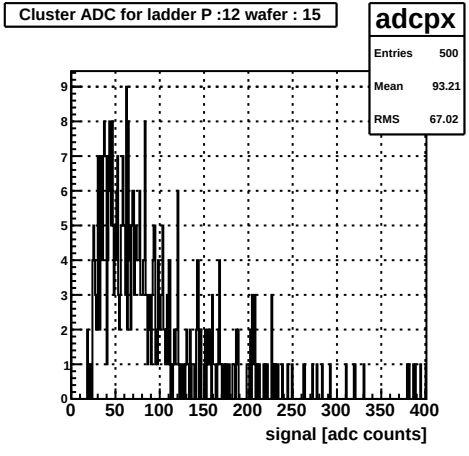

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1122
Mean 50.45
RMS 56.14
signal [adc counts]

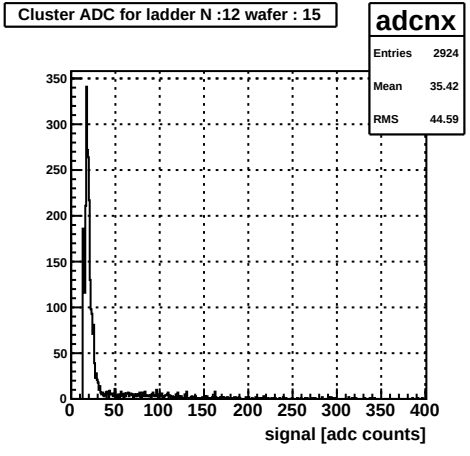

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2678
Mean 31.91
RMS 30.22
signal [adc counts]

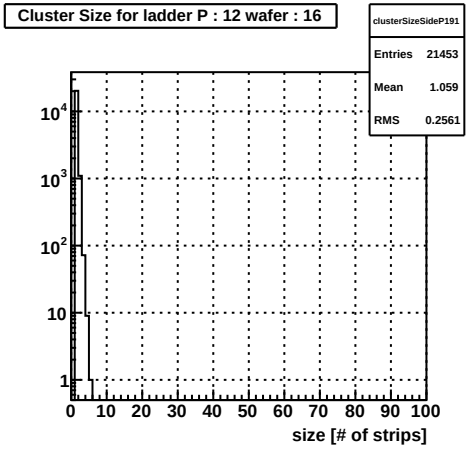

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 500
Mean 1.402
RMS 0.7618
size [# of strips]

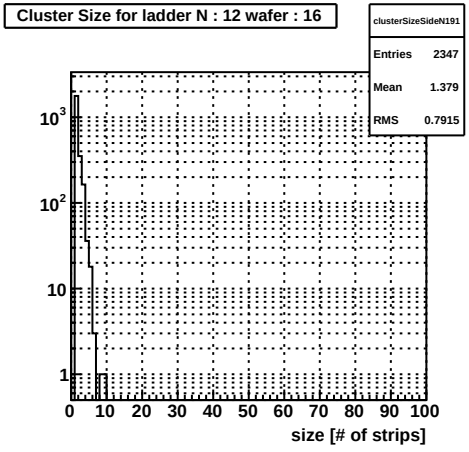

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2924
Mean 1.193
RMS 0.5958
size [# of strips]

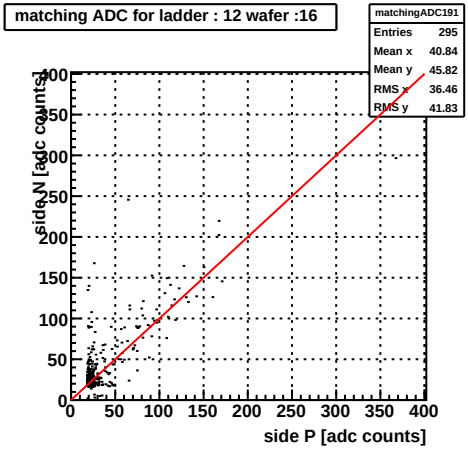

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 425
Mean x 106.9
Mean y 110.6
RMS x 67.01
RMS y 66
side N [adc counts]
side P [adc counts]

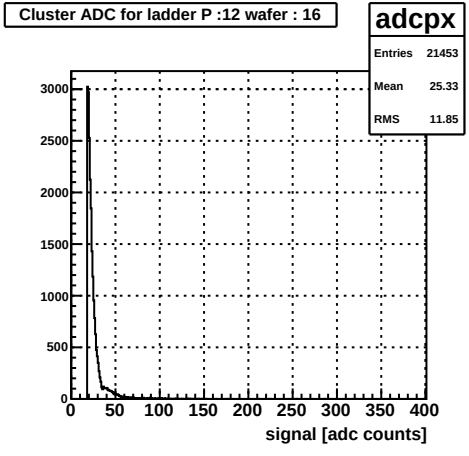

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 500
Mean 93.21
RMS 67.02
signal [adc counts]

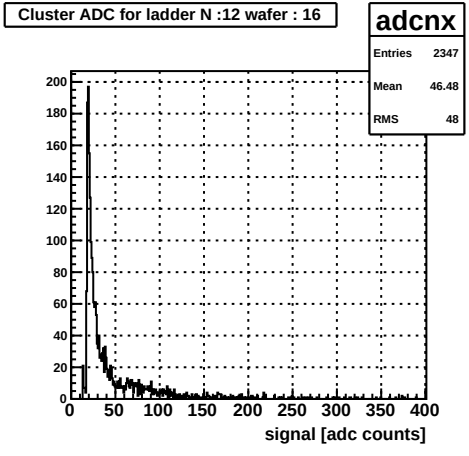

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2924
Mean 35.42
RMS 44.59
signal [adc counts]

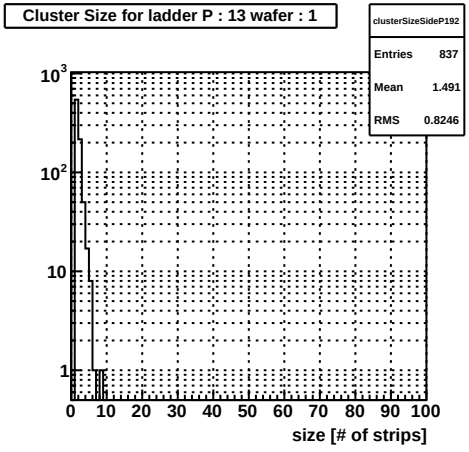

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 21453
Mean 1.059
RMS 0.2561
size [# of strips]

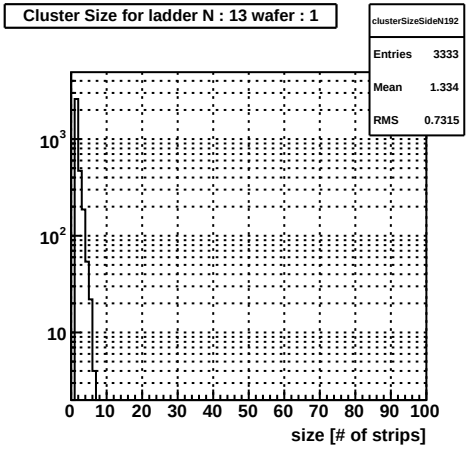

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2347
Mean 1.379
RMS 0.7915
size [# of strips]

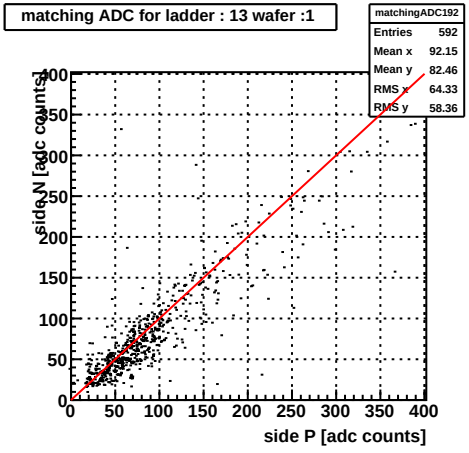

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 295
Mean x 40.84
Mean y 45.82
RMS x 36.46
RMS y 41.83
side N [adc counts]
side P [adc counts]

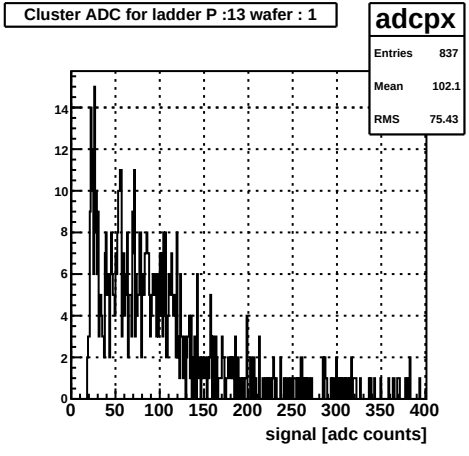

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 21453
Mean 25.33
RMS 11.85
signal [adc counts]

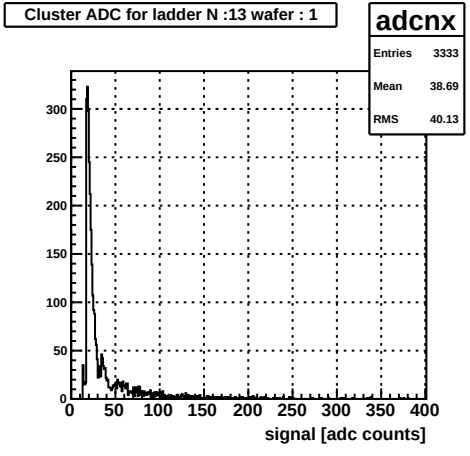

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2347
Mean 46.48
RMS 48
signal [adc counts]

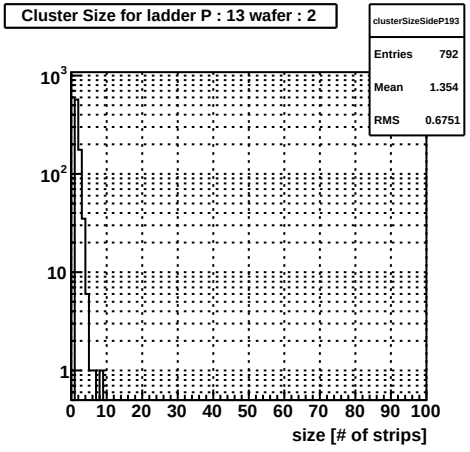

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 837
Mean 1.491
RMS 0.8246
size [# of strips]

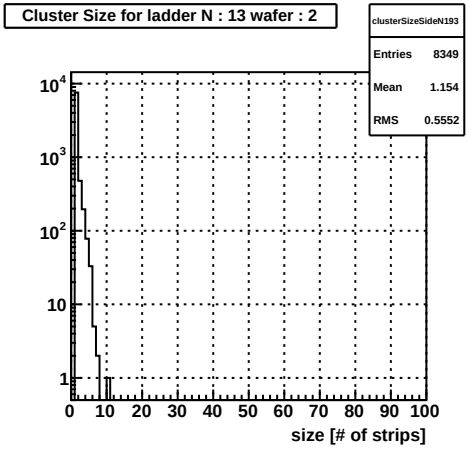

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3333
Mean 1.334
RMS 0.7315
size [# of strips]

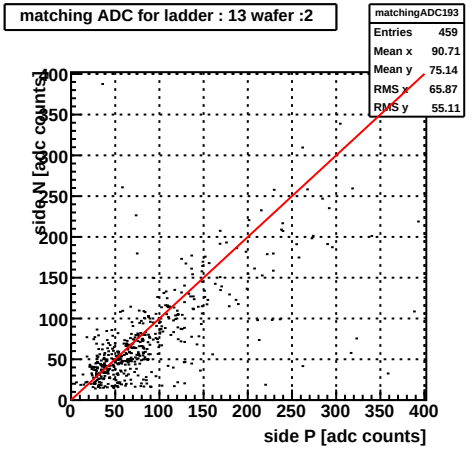

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 592
Mean x 92.15
Mean y 82.46
RMS x 64.33
RMS y 58.36
side N [adc counts]
side P [adc counts]

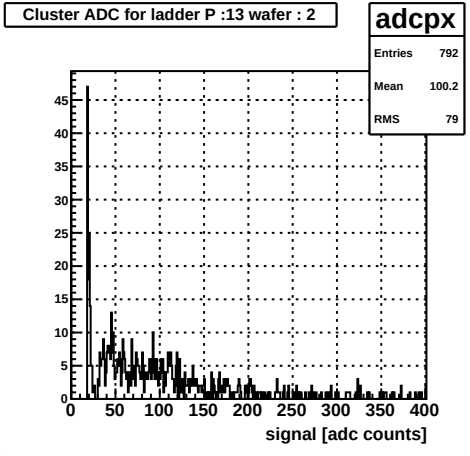

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 837
Mean 102.1
RMS 75.43
signal [adc counts]

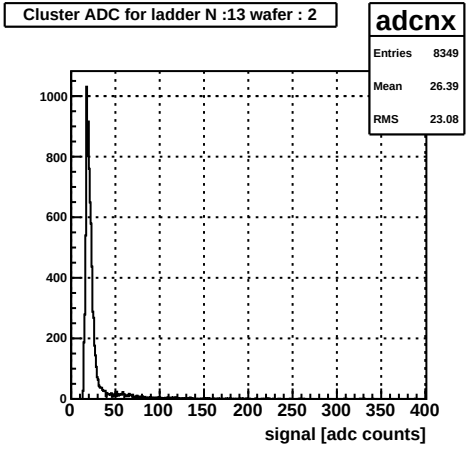

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3333
Mean 38.69
RMS 40.13
signal [adc counts]

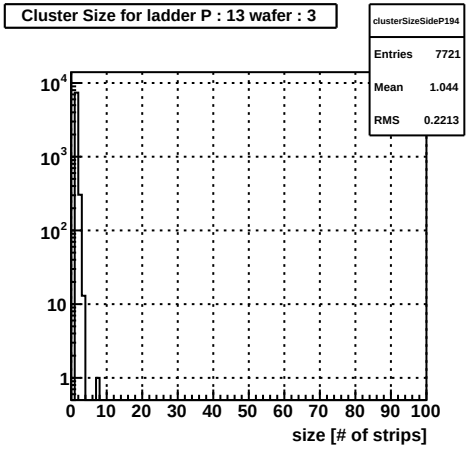

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 792
Mean 1.354
RMS 0.6751
size [# of strips]

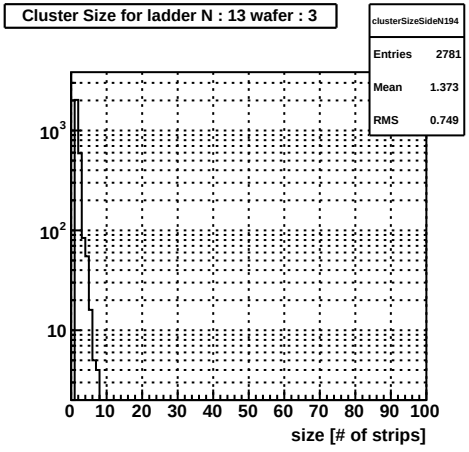

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8349
Mean 1.154
RMS 0.5552
size [# of strips]

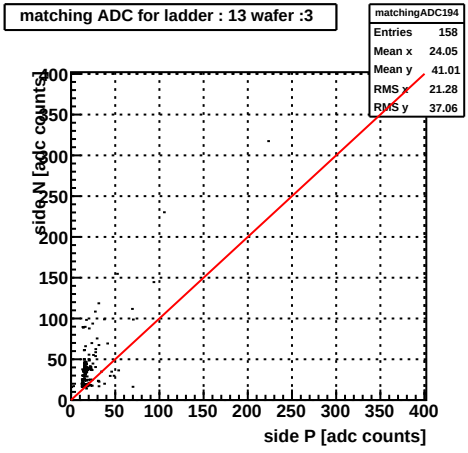

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 459
Mean x 90.71
Mean y 75.14
RMS x 65.87
RMS y 55.11
side N [adc counts]
side P [adc counts]

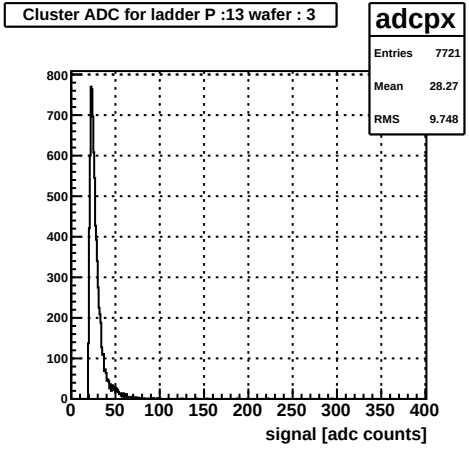

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 792
Mean 100.2
RMS 79
signal [adc counts]

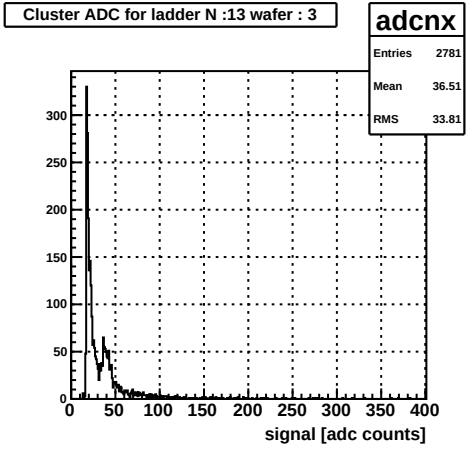

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8349
Mean 26.39
RMS 23.08
signal [adc counts]

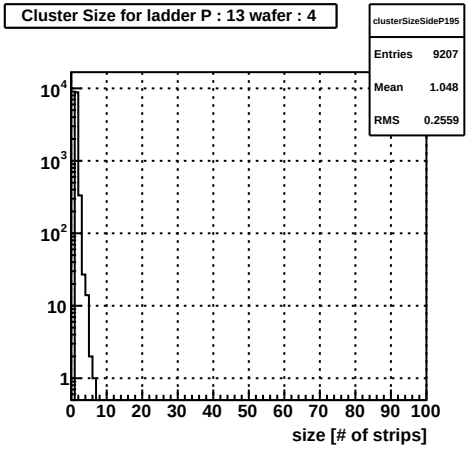

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7721
Mean 1.044
RMS 0.2213
size [# of strips]

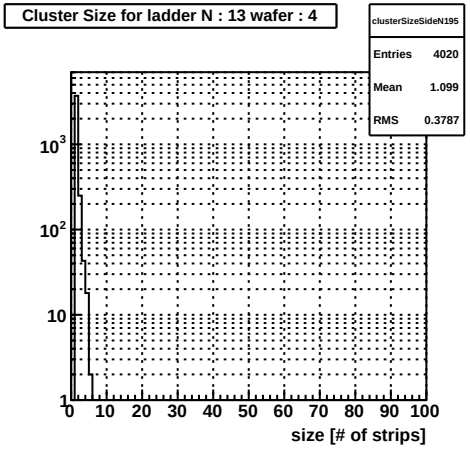

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2781
Mean 1.373
RMS 0.749
size [# of strips]

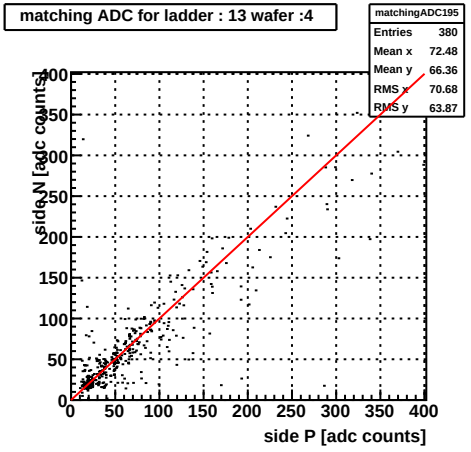

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 158
Mean x 24.05
Mean y 41.01
RMS x 21.28
RMS y 37.06
side N [adc counts]
side P [adc counts]

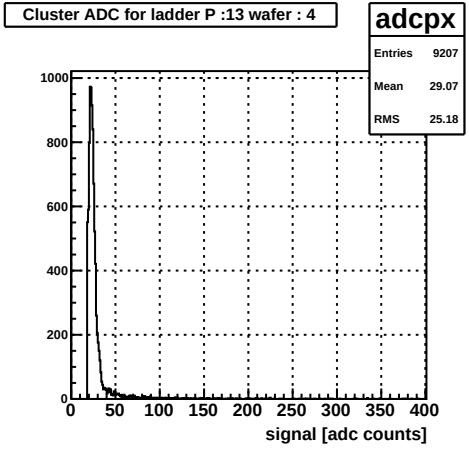

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7721
Mean 28.27
RMS 9.748
signal [adc counts]

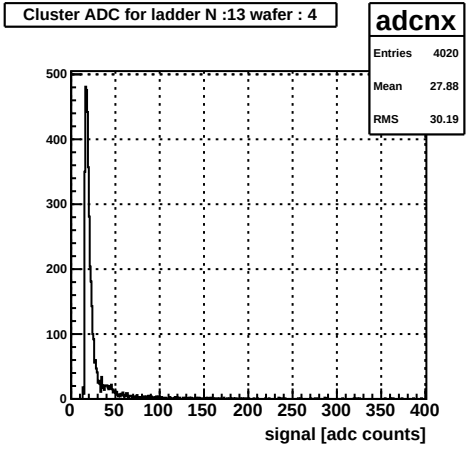

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2781
Mean 36.51
RMS 33.81
signal [adc counts]

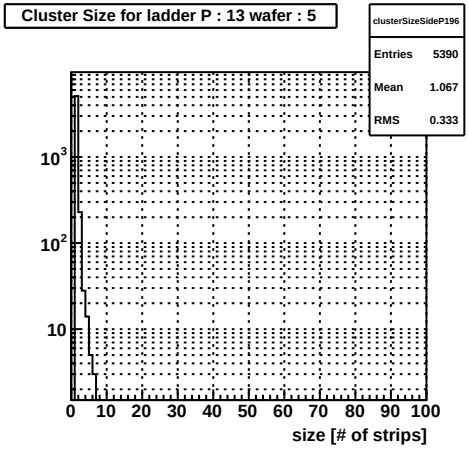

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9207
Mean 1.048
RMS 0.2559
size [# of strips]

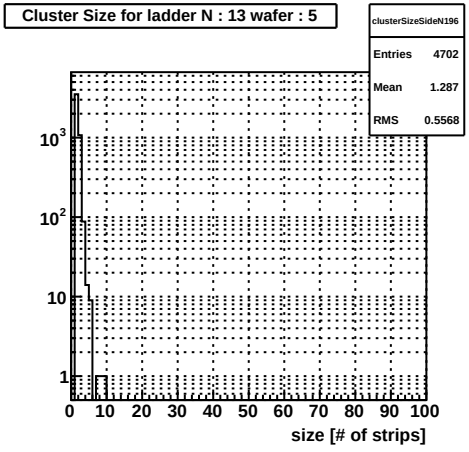

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4020
Mean 1.099
RMS 0.3787
size [# of strips]

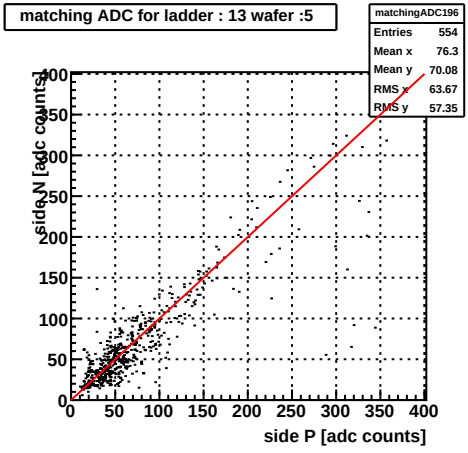

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 380
Mean x 72.48
Mean y 66.36
RMS x 70.68
RMS y 63.87
side N [adc counts]
side P [adc counts]

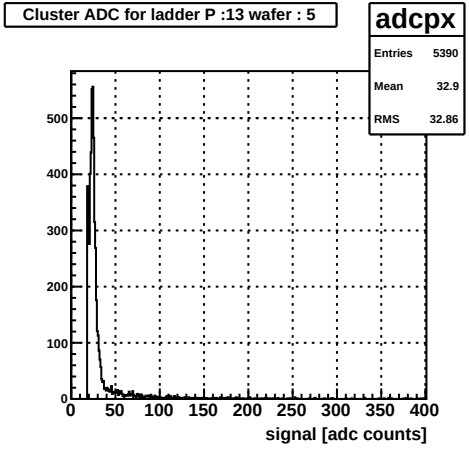

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9207
Mean 29.07
RMS 25.18
signal [adc counts]

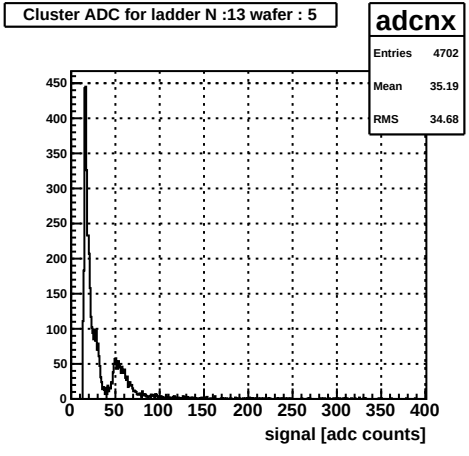

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4020
Mean 27.88
RMS 30.19
signal [adc counts]

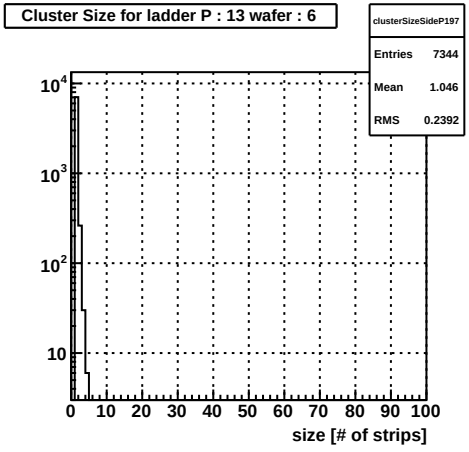

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5390
Mean 1.067
RMS 0.333
size [# of strips]

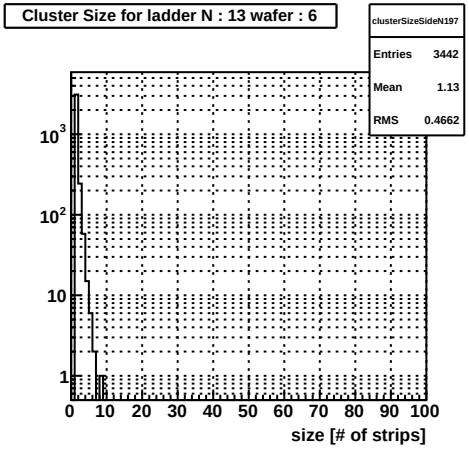

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4702
Mean 1.287
RMS 0.5568
size [# of strips]

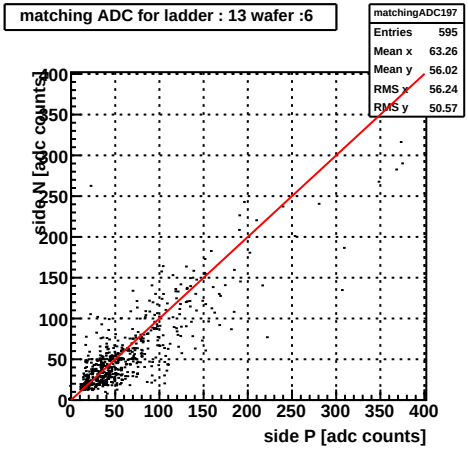

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 554
Mean x 76.3
Mean y 70.08
RMS x 63.67
RMS y 57.35
side N [adc counts]
side P [adc counts]

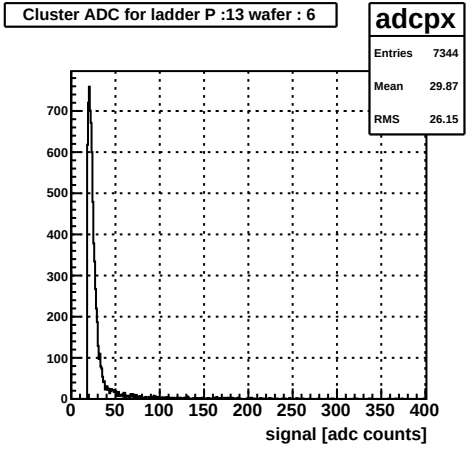

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5390
Mean 32.9
RMS 32.86
signal [adc counts]

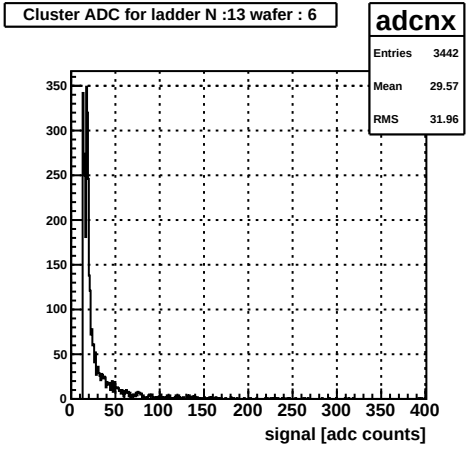

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4702
Mean 35.19
RMS 34.68
signal [adc counts]

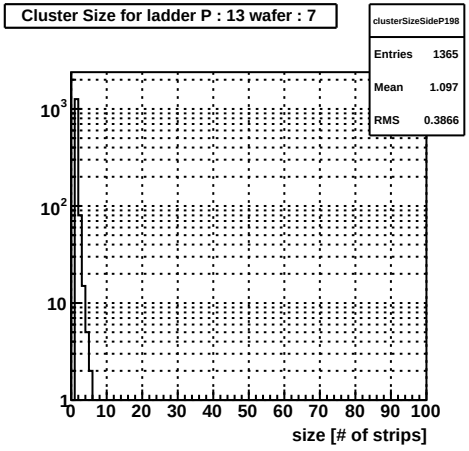

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7344
Mean 1.046
RMS 0.2392
size [# of strips]

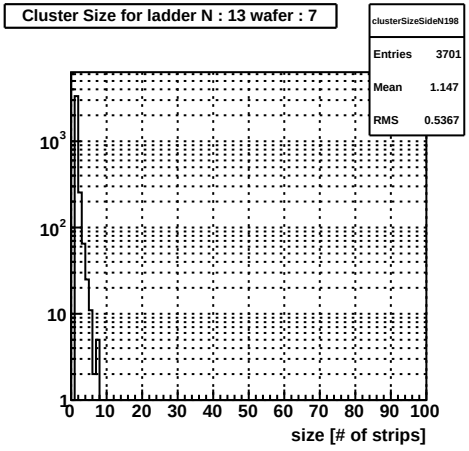

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3442
Mean 1.13
RMS 0.4662
size [# of strips]

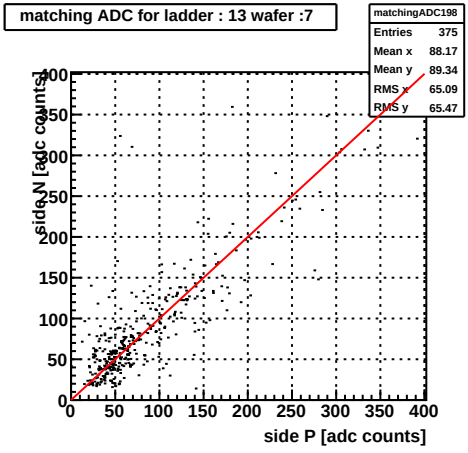

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 595
Mean x 63.26
Mean y 56.02
RMS x 56.24
RMS y 50.57
side N [adc counts]
side P [adc counts]

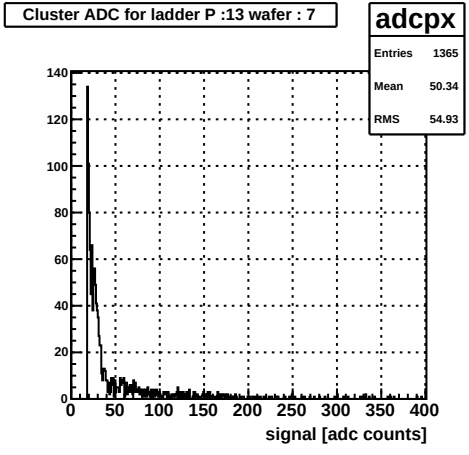

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7344
Mean 29.87
RMS 26.15
signal [adc counts]

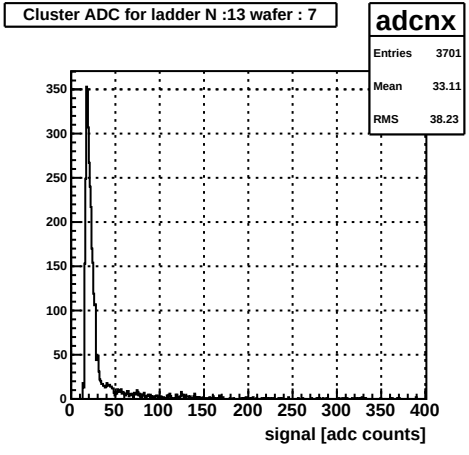

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3442
Mean 29.57
RMS 31.96
signal [adc counts]

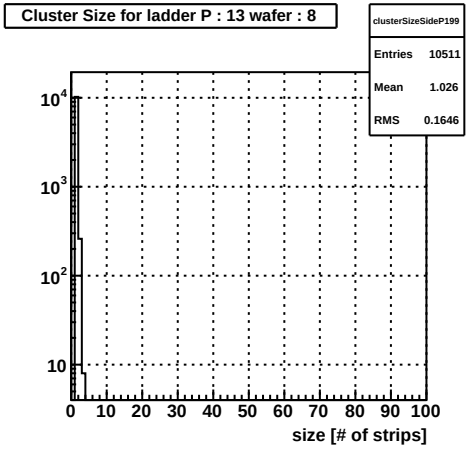

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1365
Mean 1.097
RMS 0.3866
size [# of strips]

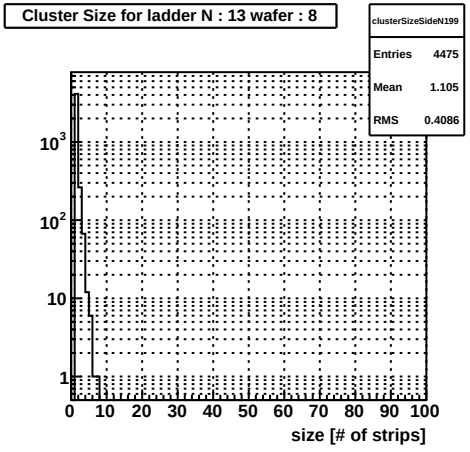

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3701
Mean 1.147
RMS 0.5367
size [# of strips]

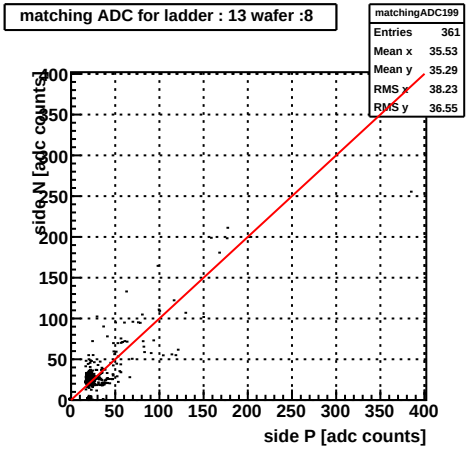

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 375
Mean x 88.17
Mean y 89.34
RMS x 65.09
RMS y 65.47
side N [adc counts]
side P [adc counts]

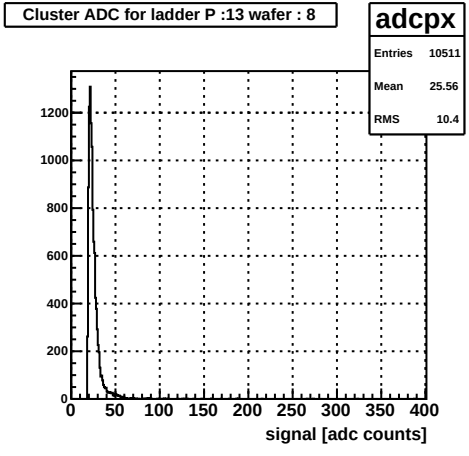

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1365
Mean 50.34
RMS 54.93
signal [adc counts]

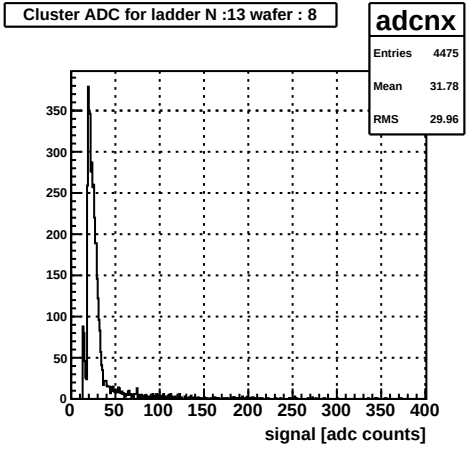

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3701
Mean 33.11
RMS 38.23
signal [adc counts]

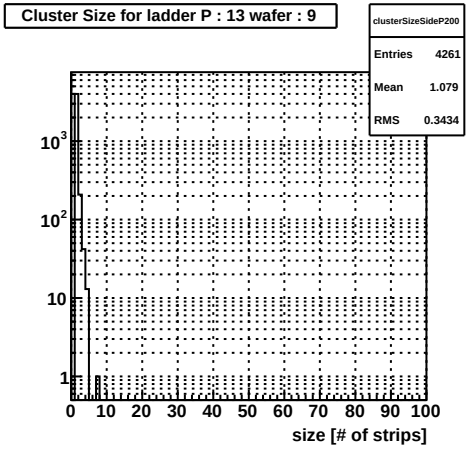

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 10511
Mean 1.026
RMS 0.1646
size [# of strips]

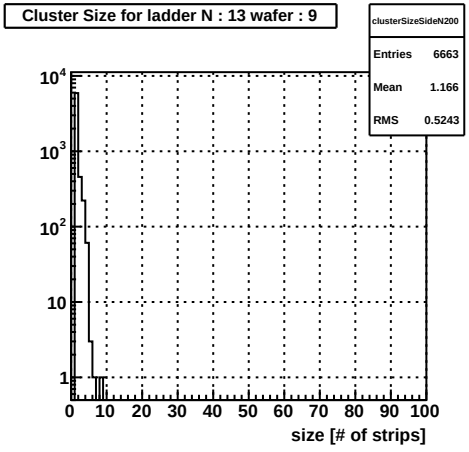

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4475
Mean 1.105
RMS 0.4086
size [# of strips]

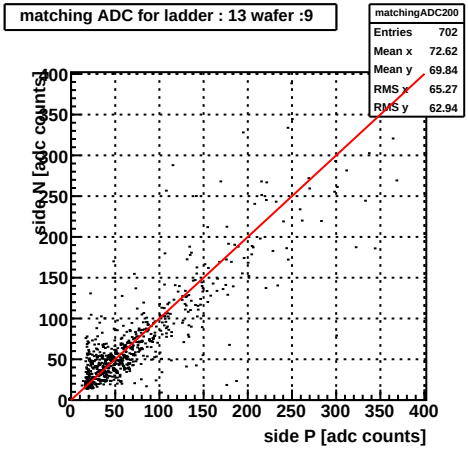

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 361
Mean x 35.53
Mean y 35.29
RMS x 38.23
RMS y 36.55
side N [adc counts]
side P [adc counts]

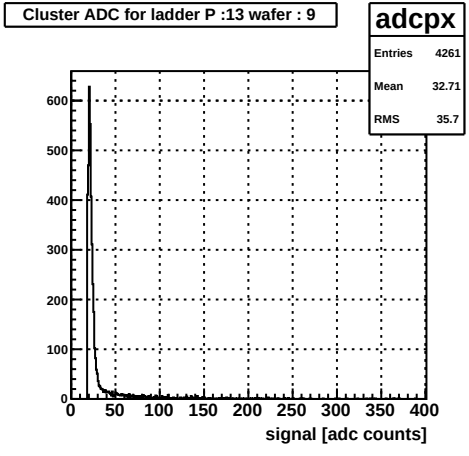

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 10511
Mean 25.56
RMS 10.4
signal [adc counts]

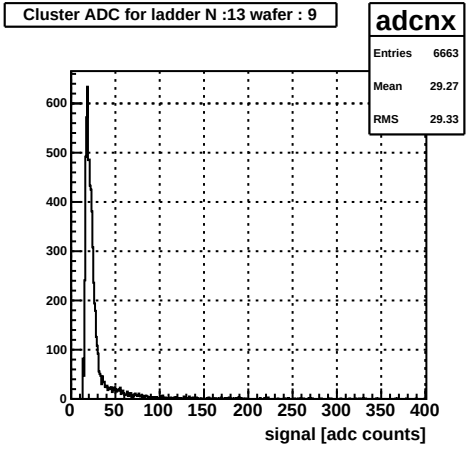

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4475
Mean 31.78
RMS 29.96
signal [adc counts]

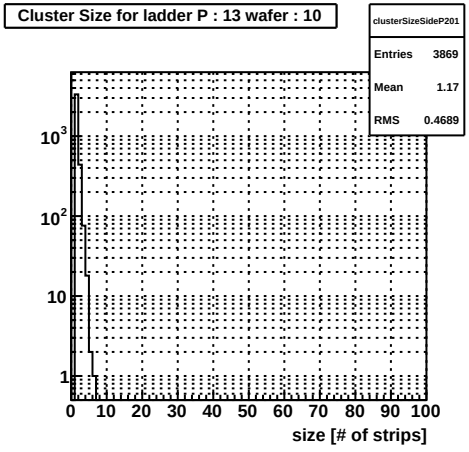

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4261
Mean 1.079
RMS 0.3434
size [# of strips]

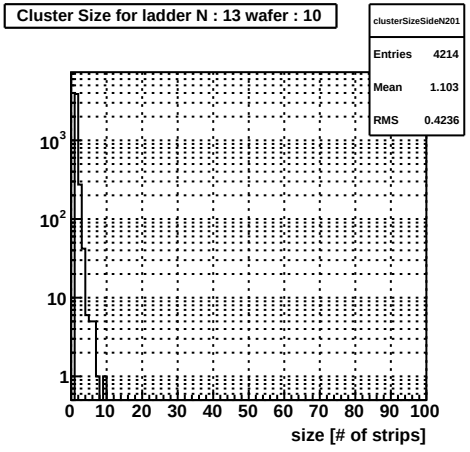

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6663
Mean 1.166
RMS 0.5243
size [# of strips]

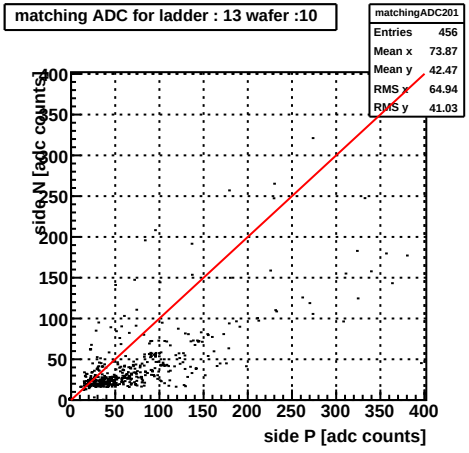

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 702
Mean x 72.62
Mean y 69.84
RMS x 65.27
RMS y 62.94
side N [adc counts]
side P [adc counts]

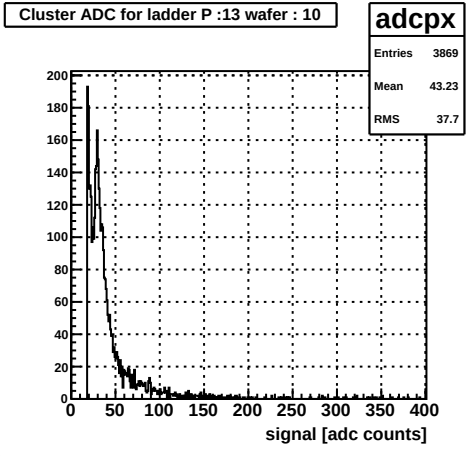

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4261
Mean 32.71
RMS 35.7
signal [adc counts]

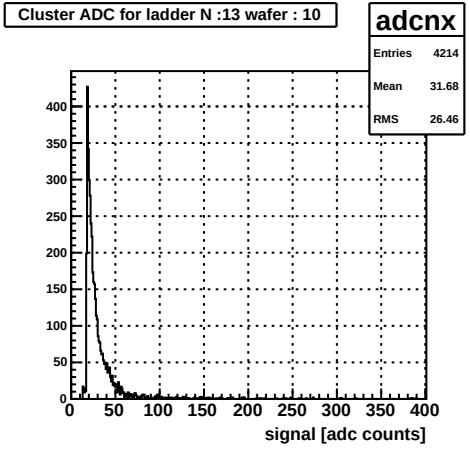

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6663
Mean 29.27
RMS 29.33
signal [adc counts]

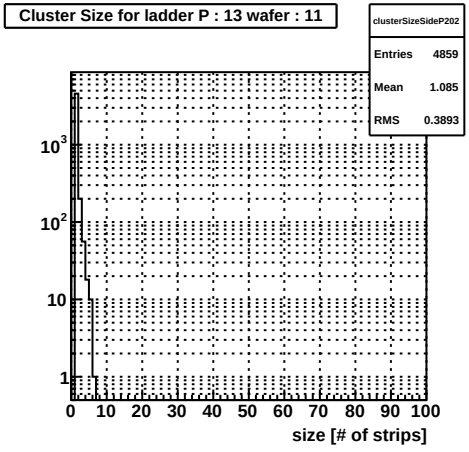

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3869
Mean 1.17
RMS 0.4689
size [# of strips]

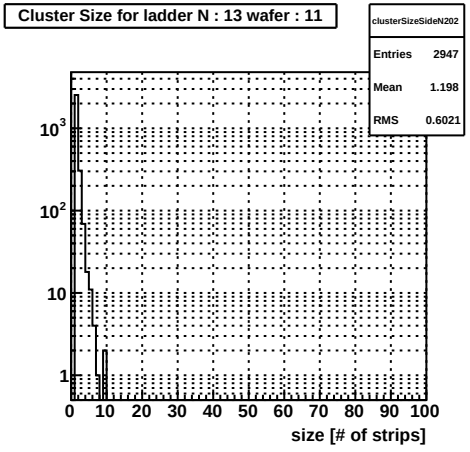

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4214
Mean 1.103
RMS 0.4236
size [# of strips]

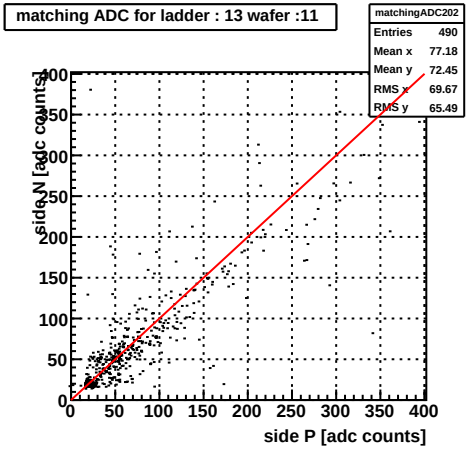

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 456
Mean x 73.87
Mean y 42.47
RMS x 64.94
RMS y 41.03
side N [adc counts]
side P [adc counts]

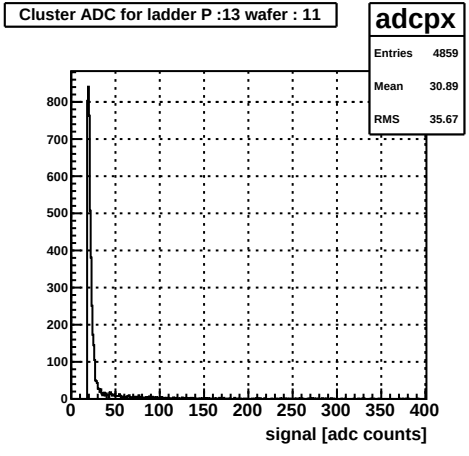

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3869
Mean 43.23
RMS 37.7
signal [adc counts]

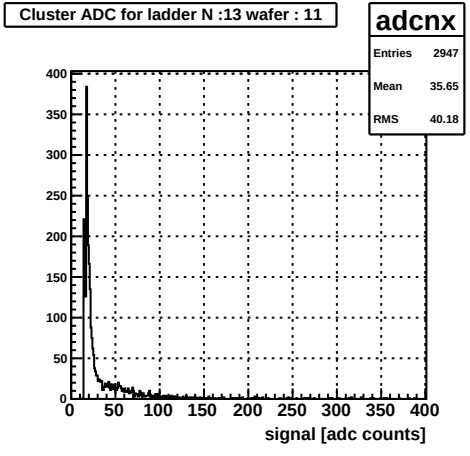

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4214
Mean 31.68
RMS 26.46
signal [adc counts]

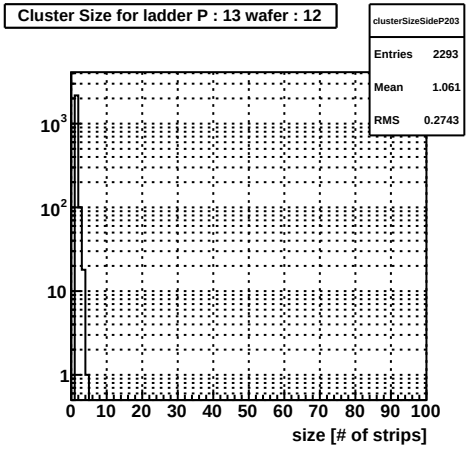

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4859
Mean 1.085
RMS 0.3893
size [# of strips]

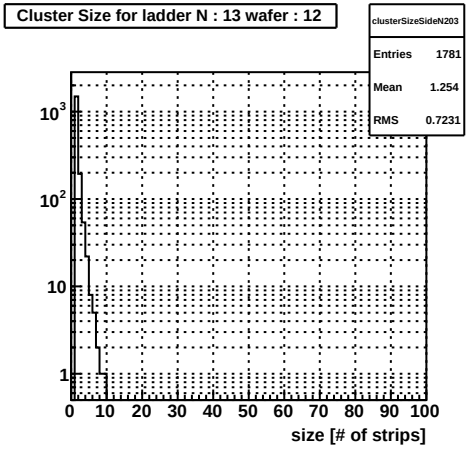

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2947
Mean 1.198
RMS 0.6021
size [# of strips]

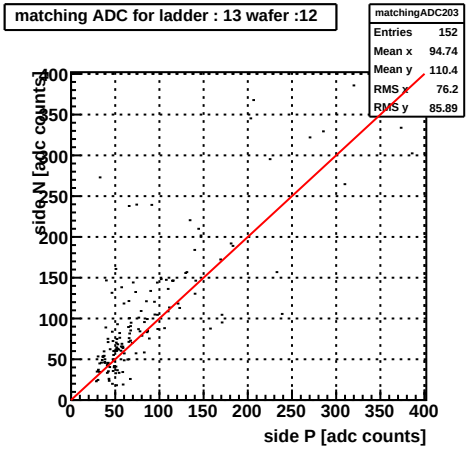

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 490
Mean x 77.18
Mean y 72.45
RMS x 69.67
RMS y 65.49
side N [adc counts]
side P [adc counts]

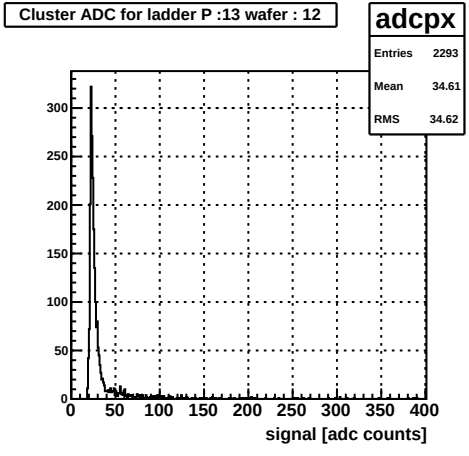

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4859
Mean 30.89
RMS 35.67
signal [adc counts]

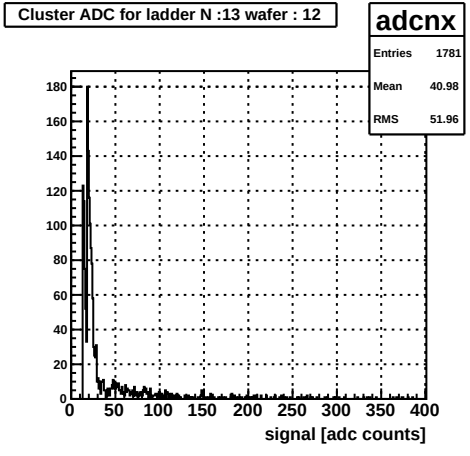

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2947
Mean 35.65
RMS 40.18
signal [adc counts]

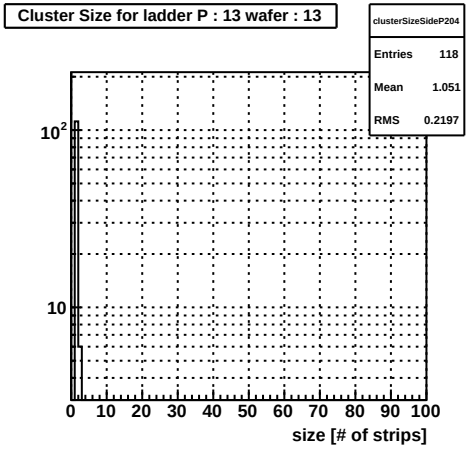

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2293
Mean 1.061
RMS 0.2743
size [# of strips]

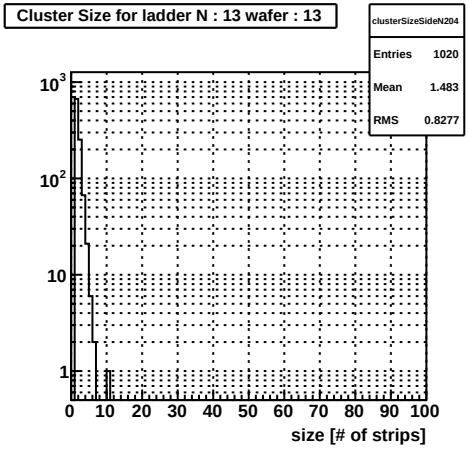

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1781
Mean 1.254
RMS 0.7231
size [# of strips]

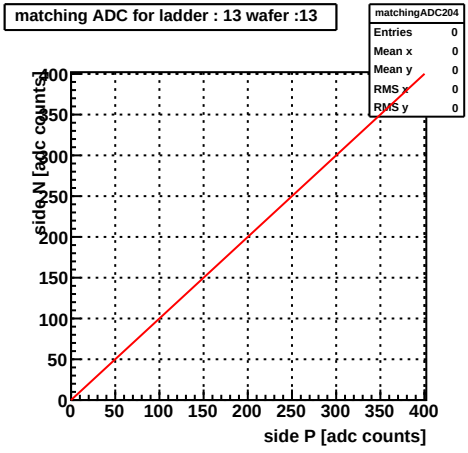

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 152
Mean x 94.74
Mean y 110.4
RMS x 76.2
RMS y 85.89
side N [adc counts]
side P [adc counts]

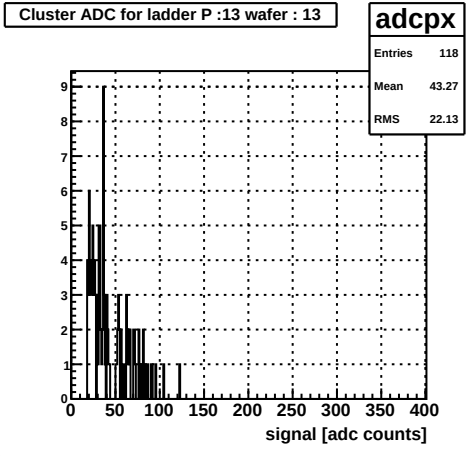

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2293
Mean 34.61
RMS 34.62
signal [adc counts]

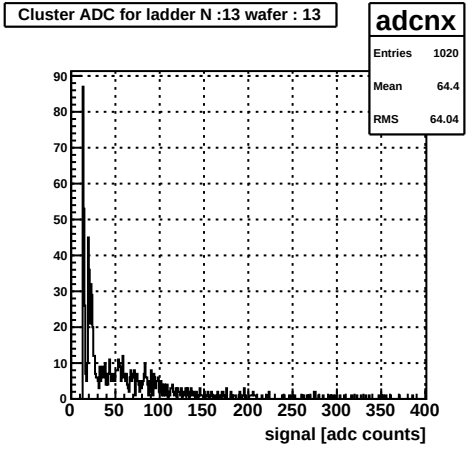

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1781
Mean 40.98
RMS 51.96
signal [adc counts]

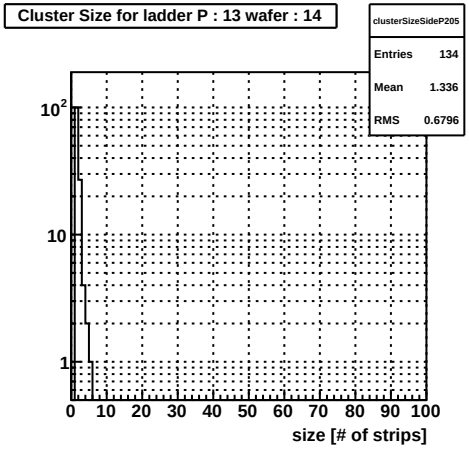

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 118
Mean 1.051
RMS 0.2197
size [# of strips]

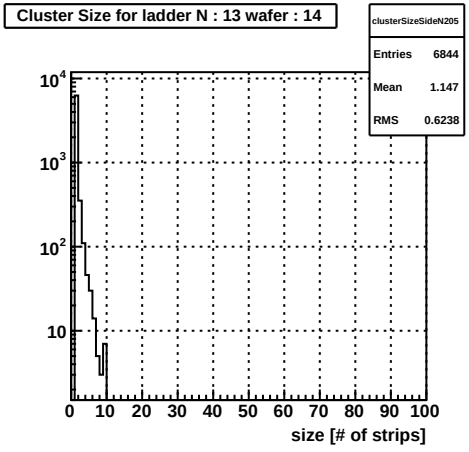

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1020
Mean 1.483
RMS 0.8277
size [# of strips]

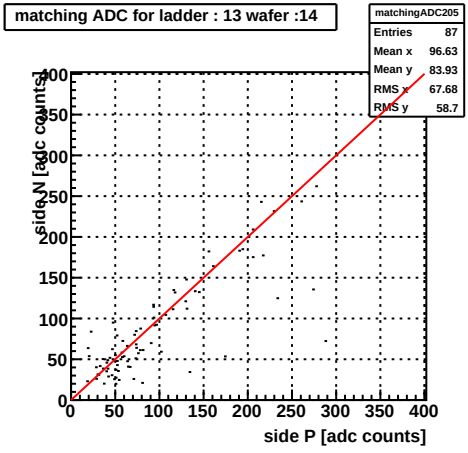

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

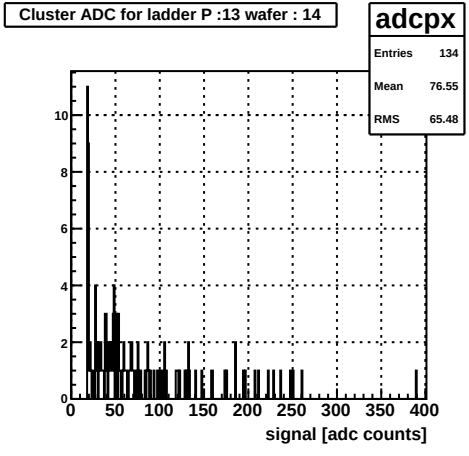

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 118
Mean 43.27
RMS 22.13
signal [adc counts]

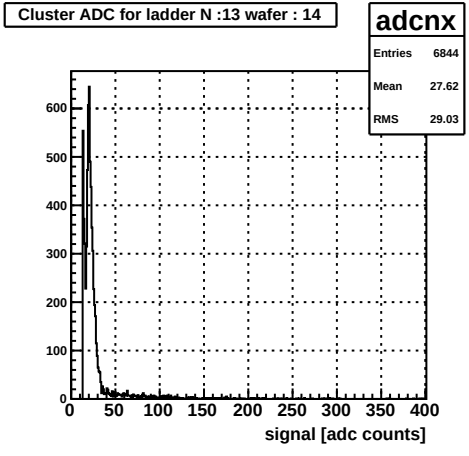

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1020
Mean 64.4
RMS 64.04
signal [adc counts]

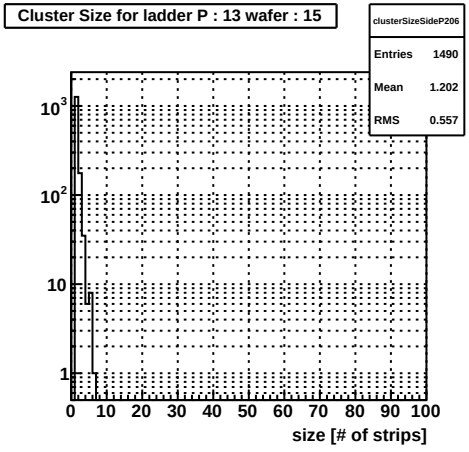

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 134
Mean 1.336
RMS 0.6796
size [# of strips]

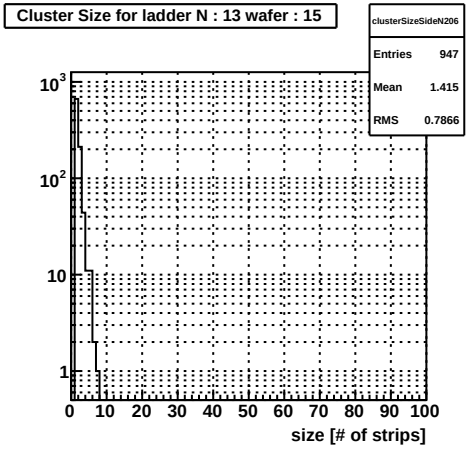

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 6844
Mean 1.147
RMS 0.6238
size [# of strips]

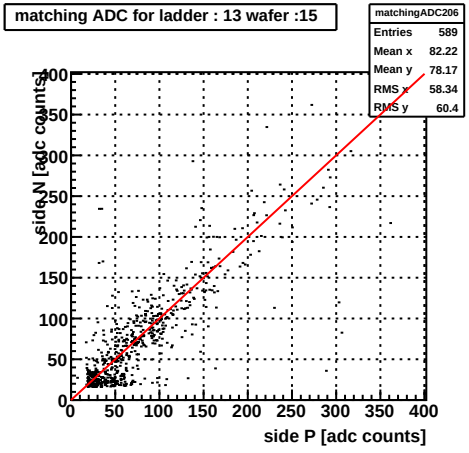

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 87
Mean x 96.63
Mean y 83.93
RMS x 67.68
RMS y 58.7
side N [adc counts]
side P [adc counts]

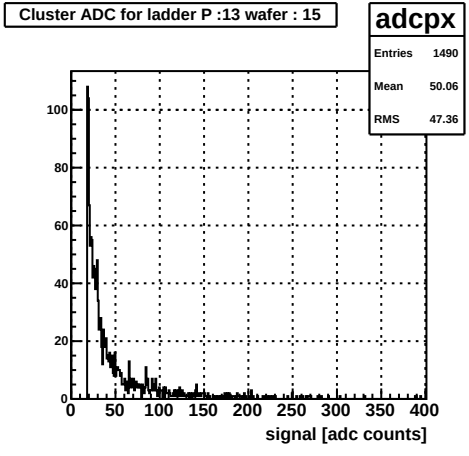

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 134
Mean 76.55
RMS 65.48
signal [adc counts]

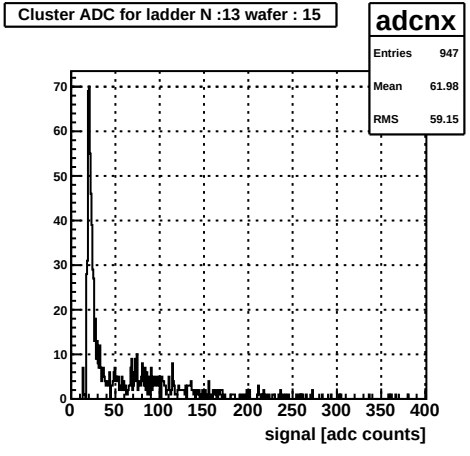

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 6844
Mean 27.62
RMS 29.03
signal [adc counts]

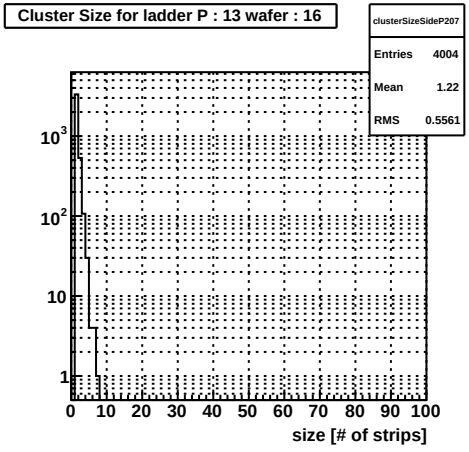

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1490
Mean 1.202
RMS 0.557
size [# of strips]

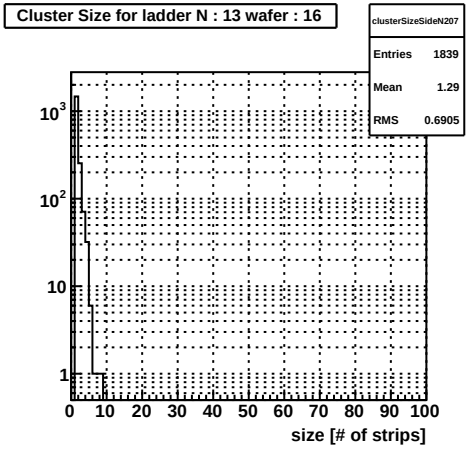

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 947
Mean 1.415
RMS 0.7866
size [# of strips]

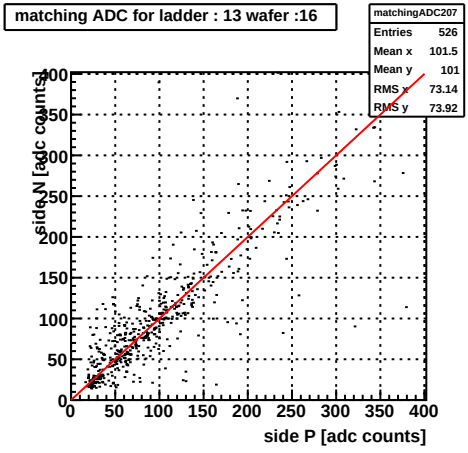

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 589
Mean x 82.22
Mean y 78.17
RMS x 58.34
RMS y 60.4
side N [adc counts]
side P [adc counts]

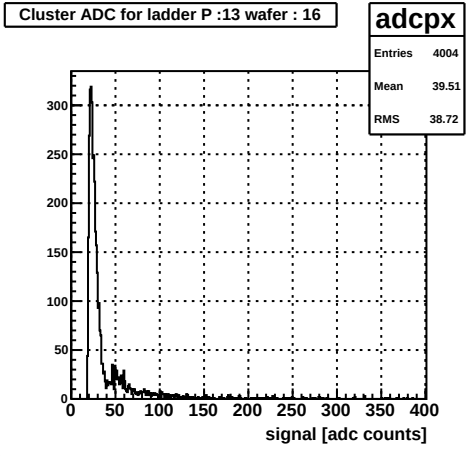

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1490
Mean 50.06
RMS 47.36
signal [adc counts]

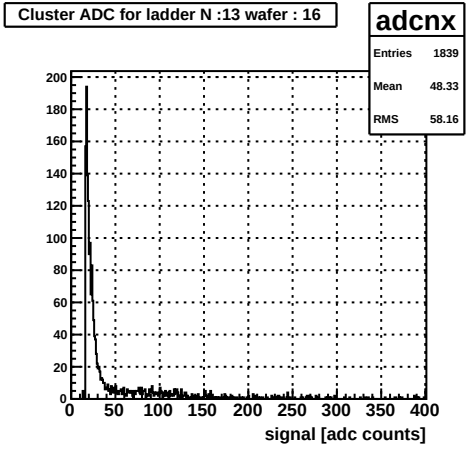

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 947
Mean 61.98
RMS 59.15
signal [adc counts]

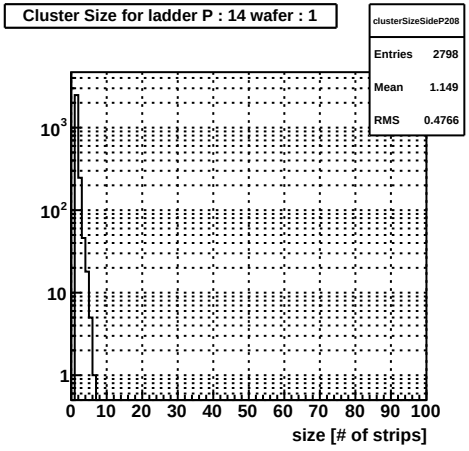

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4004
Mean 1.22
RMS 0.5561
size [# of strips]

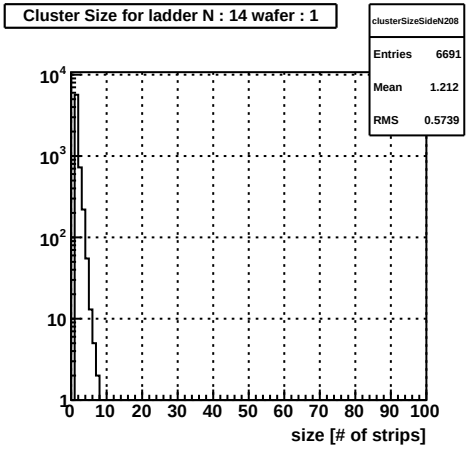

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1839
Mean 1.29
RMS 0.6905
size [# of strips]

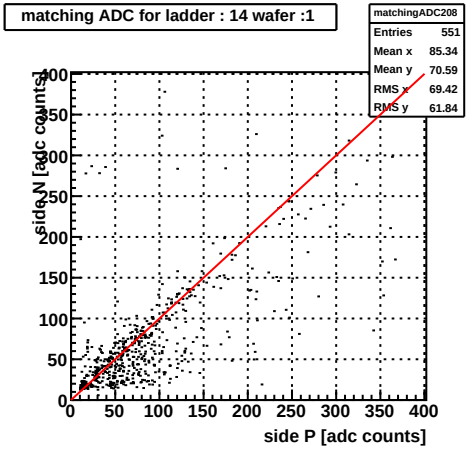

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 526
Mean x 101.5
Mean y 101
RMS x 73.14
RMS y 73.92
side N [adc counts]
side P [adc counts]

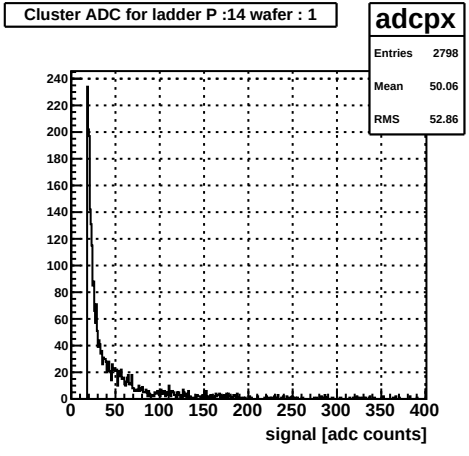

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4004
Mean 39.51
RMS 38.72
signal [adc counts]

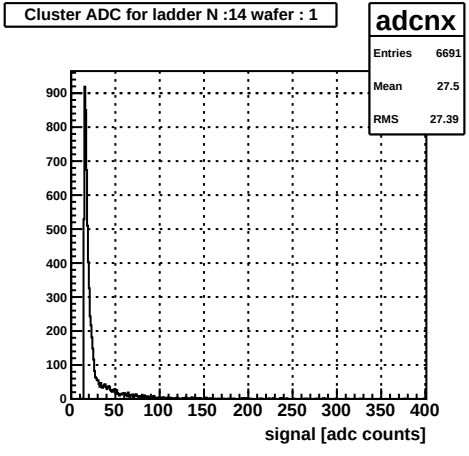

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1839
Mean 48.33
RMS 58.16
signal [adc counts]

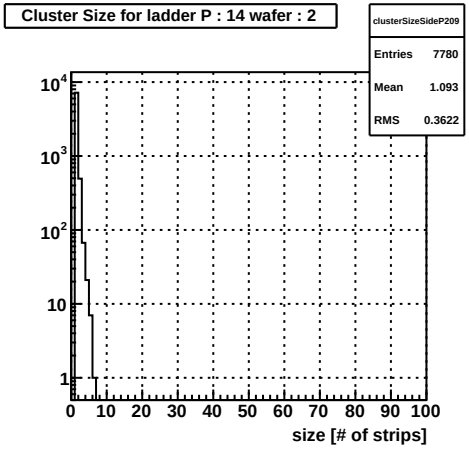

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2798
Mean 1.149
RMS 0.4766
size [# of strips]

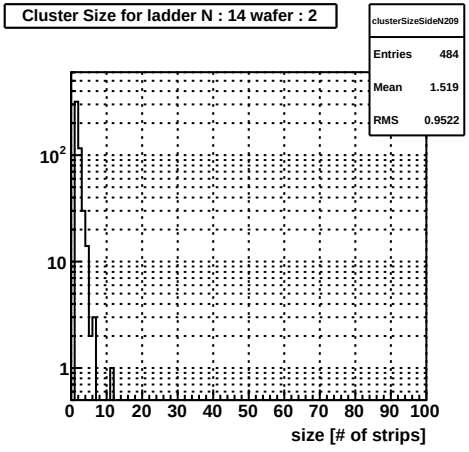

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6691
Mean 1.212
RMS 0.5739
size [# of strips]

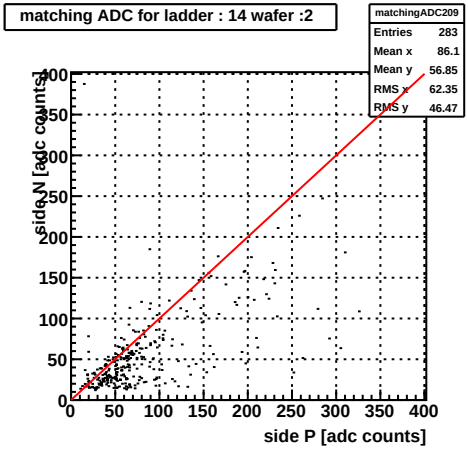

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 551
Mean x 85.34
Mean y 70.59
RMS x 69.42
RMS y 61.84
side N [adc counts]
side P [adc counts]

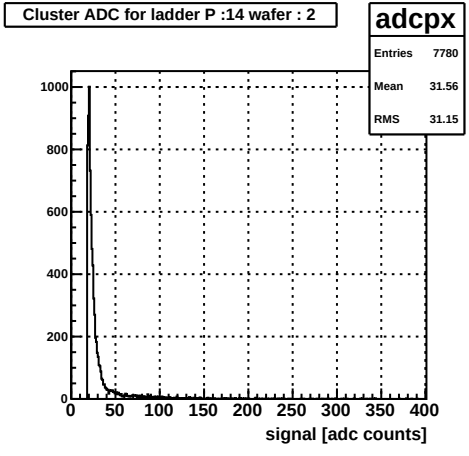

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2798
Mean 50.06
RMS 52.86
signal [adc counts]

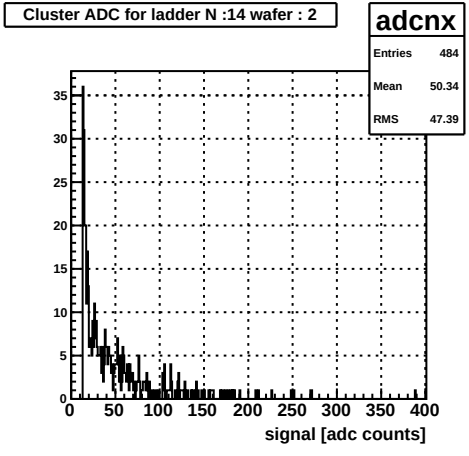

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6691
Mean 27.5
RMS 27.39
signal [adc counts]

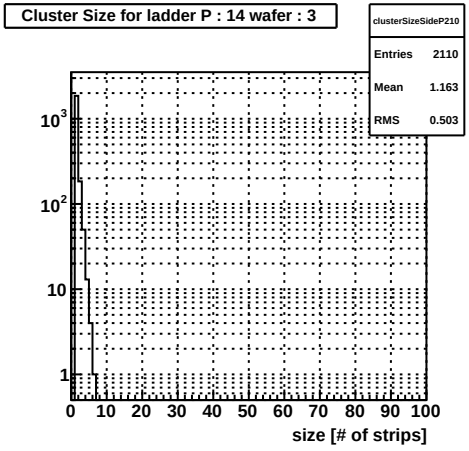

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7780
Mean 1.093
RMS 0.3622
size [# of strips]

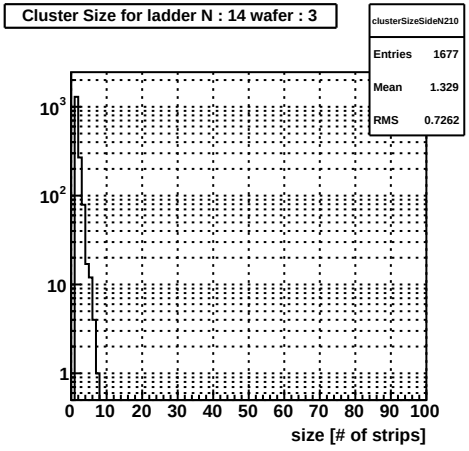

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 484
Mean 1.519
RMS 0.9522
size [# of strips]

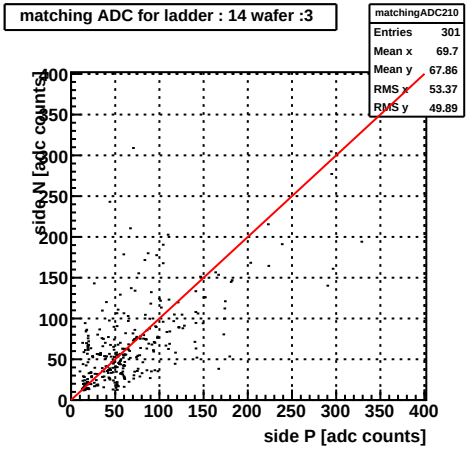

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 283
Mean x 86.1
Mean y 56.85
RMS x 62.35
RMS y 46.47
side N [adc counts]
side P [adc counts]

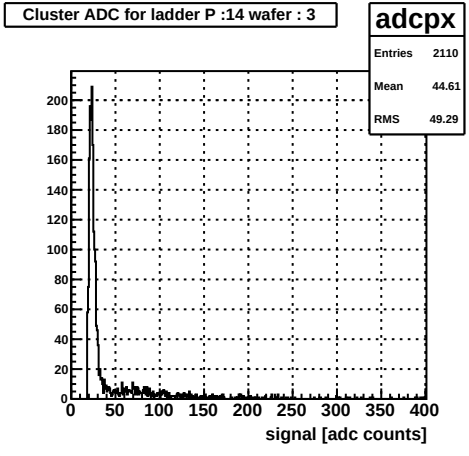

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7780
Mean 31.56
RMS 31.15
signal [adc counts]

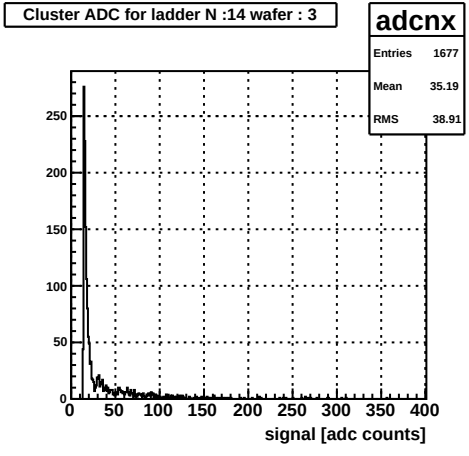

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 484
Mean 50.34
RMS 47.39
signal [adc counts]

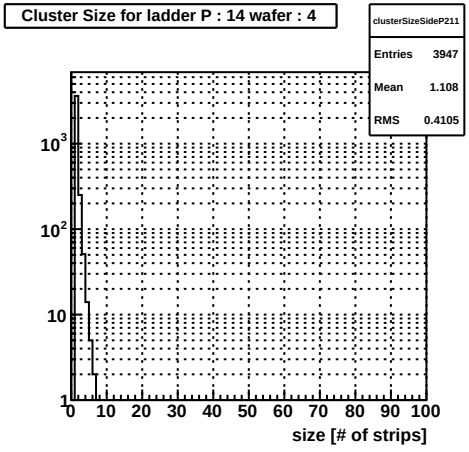

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2110
Mean 1.163
RMS 0.503
size [# of strips]

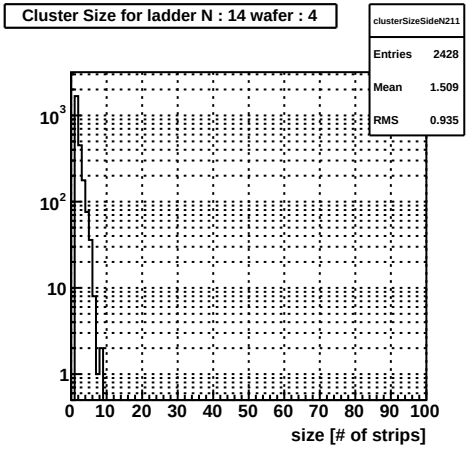

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1677
Mean 1.329
RMS 0.7262
size [# of strips]

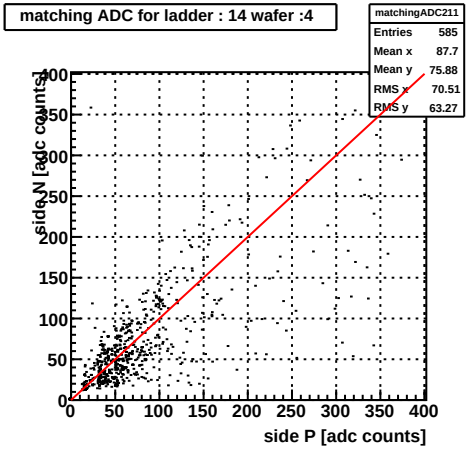

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 301
Mean x 69.7
Mean y 67.86
RMS x 53.37
RMS y 49.89
side N [adc counts]
side P [adc counts]

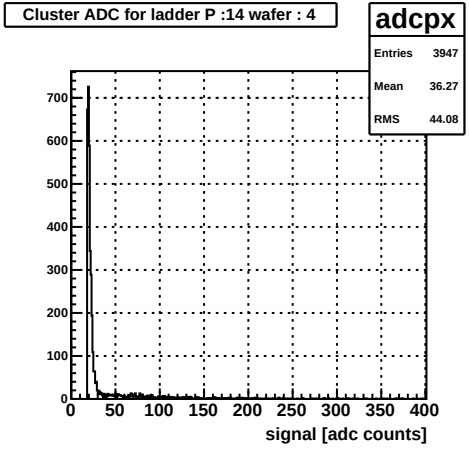

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2110
Mean 44.61
RMS 49.29
signal [adc counts]

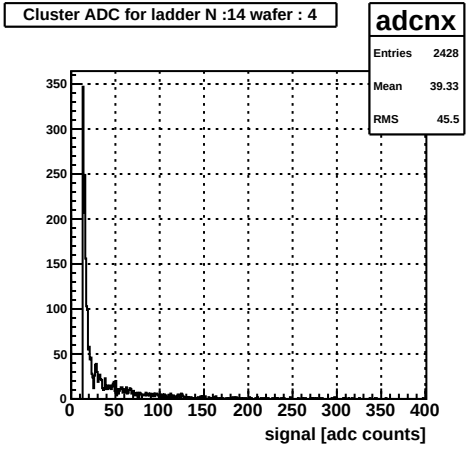

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1677
Mean 35.19
RMS 38.91
signal [adc counts]

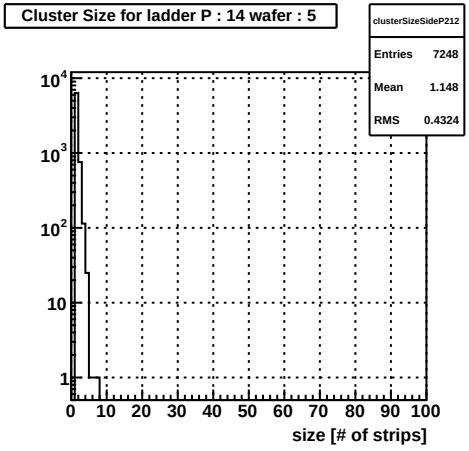

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3947
Mean 1.108
RMS 0.4105
size [# of strips]

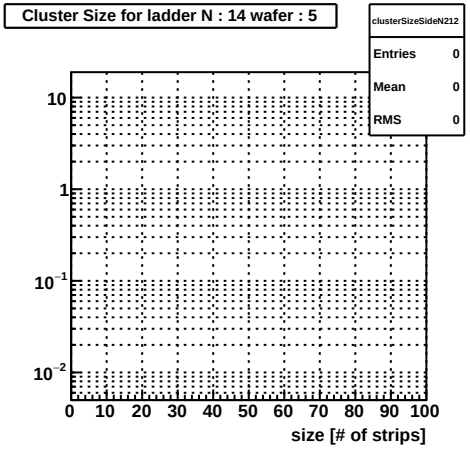

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2428
Mean 1.509
RMS 0.935
size [# of strips]

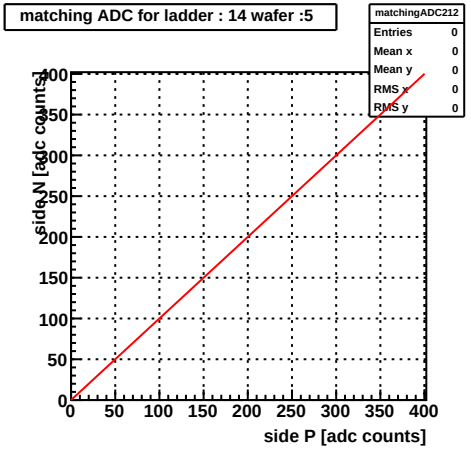

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 585
Mean x 87.7
Mean y 75.88
RMS x 70.51
RMS y 63.27
side N [adc counts]
side P [adc counts]

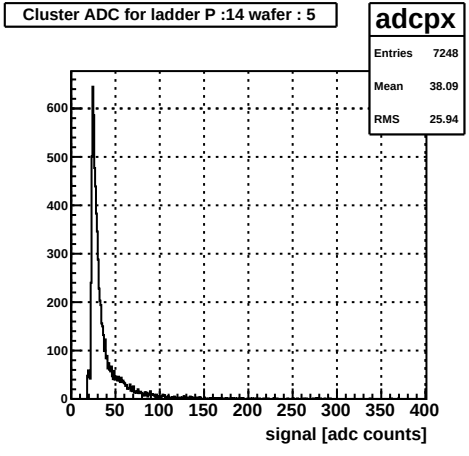

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3947
Mean 36.27
RMS 44.08
signal [adc counts]

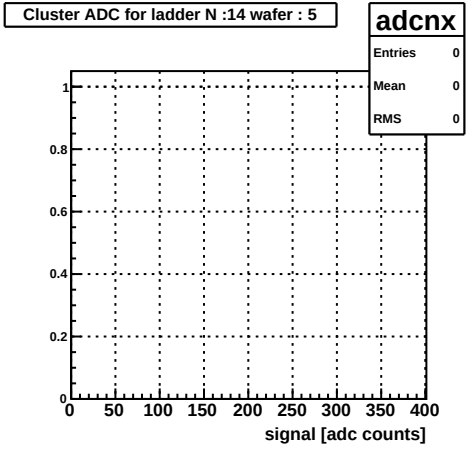

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2428
Mean 39.33
RMS 45.5
signal [adc counts]

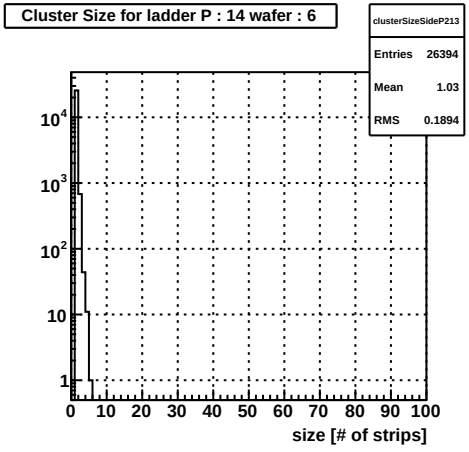

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7248
Mean 1.148
RMS 0.4324
size [# of strips]

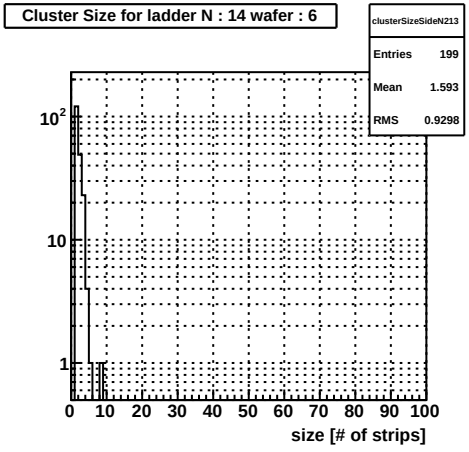

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

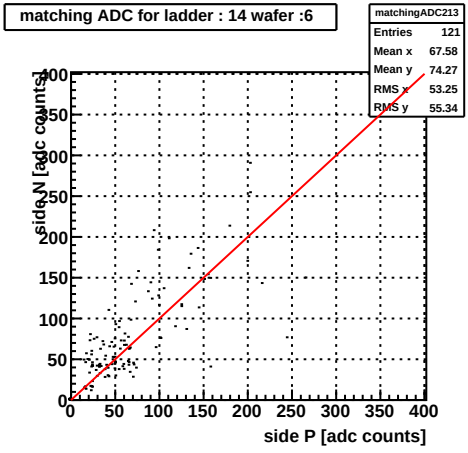

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

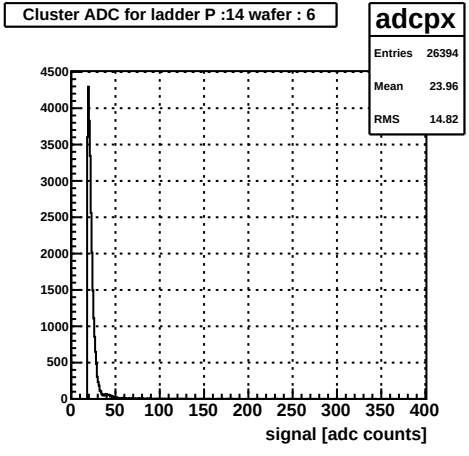

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7248
Mean 38.09
RMS 25.94
signal [adc counts]

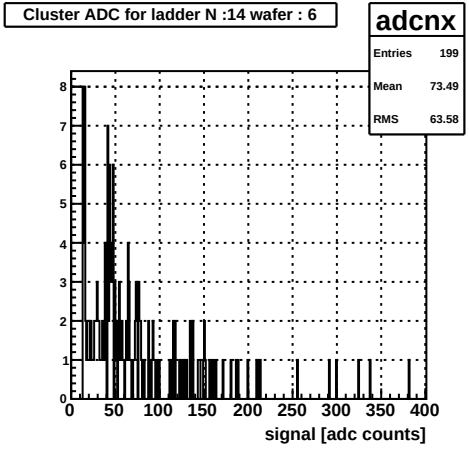

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

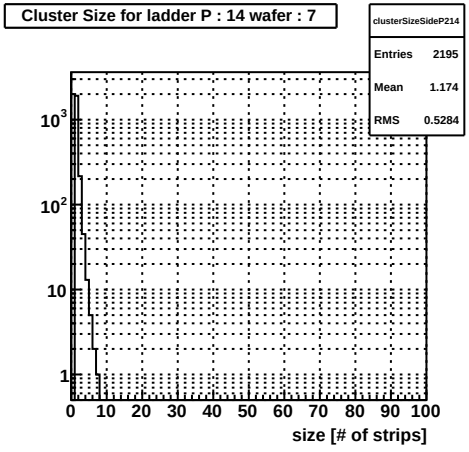

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 26394
Mean 1.03
RMS 0.1894
size [# of strips]

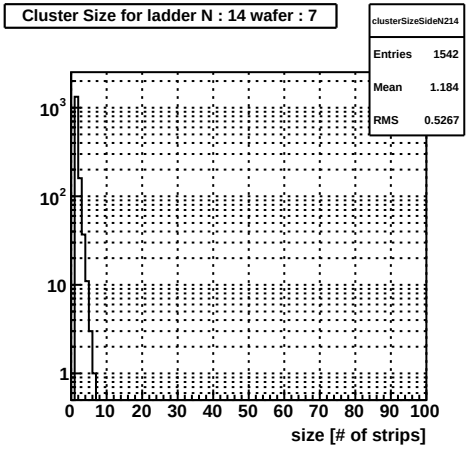

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 199
Mean 1.593
RMS 0.9298
size [# of strips]

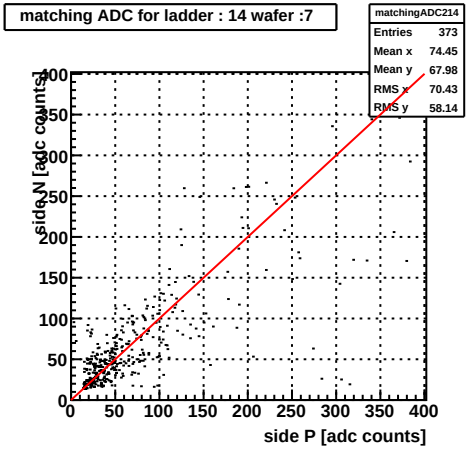

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 121
Mean x 67.58
Mean y 74.27
RMS x 53.25
RMS y 55.34
side N [adc counts]
side P [adc counts]

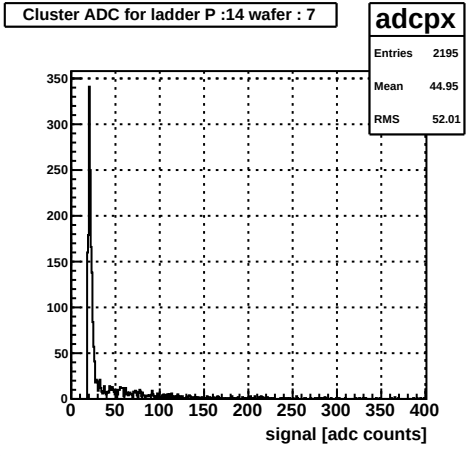

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 26394
Mean 23.96
RMS 14.82
signal [adc counts]

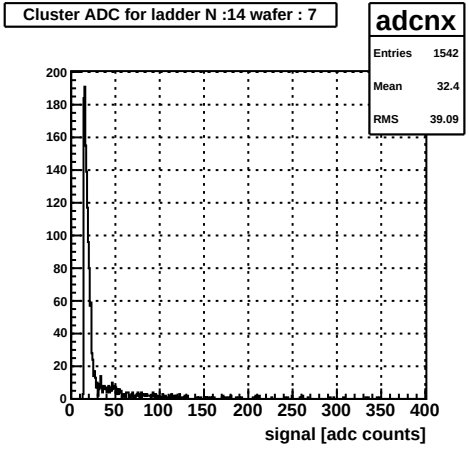

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 199
Mean 73.49
RMS 63.58
signal [adc counts]

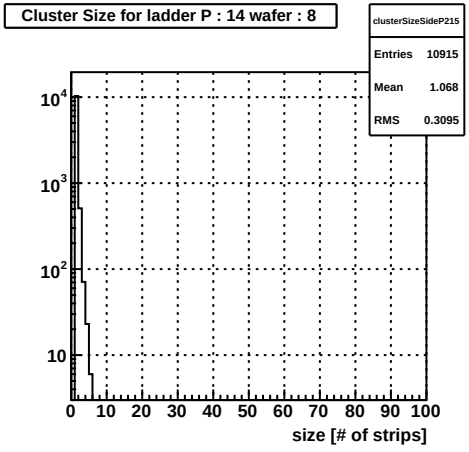

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2195
Mean 1.174
RMS 0.5284
size [# of strips]

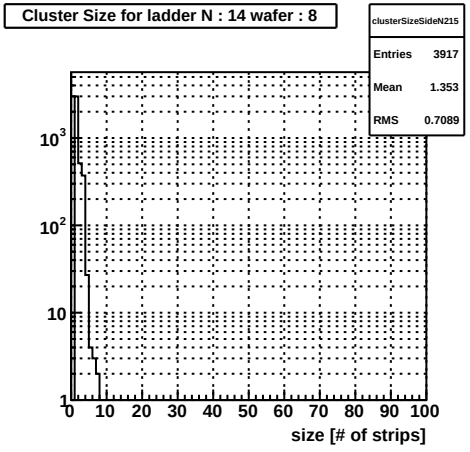

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1542
Mean 1.184
RMS 0.5267
size [# of strips]

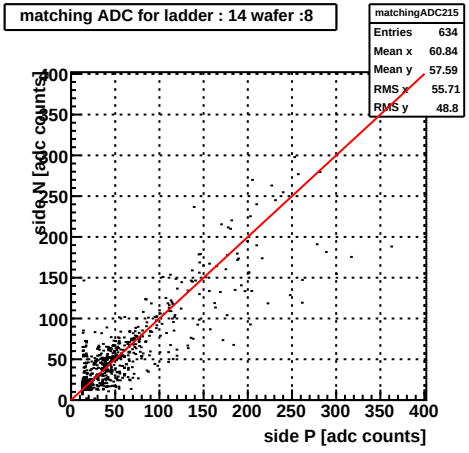

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 373
Mean x 74.45
Mean y 67.98
RMS x 70.43
RMS y 58.14
side N [adc counts]
side P [adc counts]

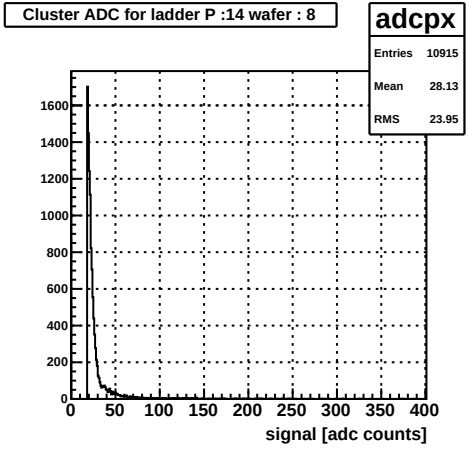

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2195
Mean 44.95
RMS 52.01
signal [adc counts]

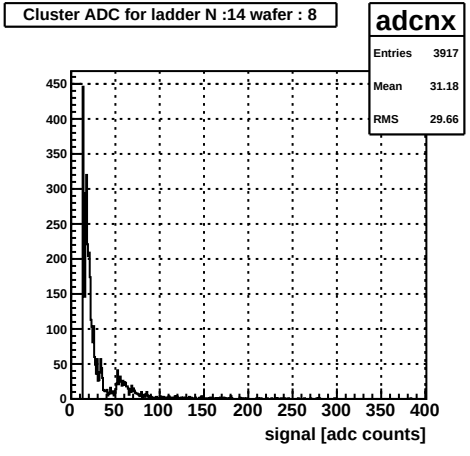

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1542
Mean 32.4
RMS 39.09
signal [adc counts]

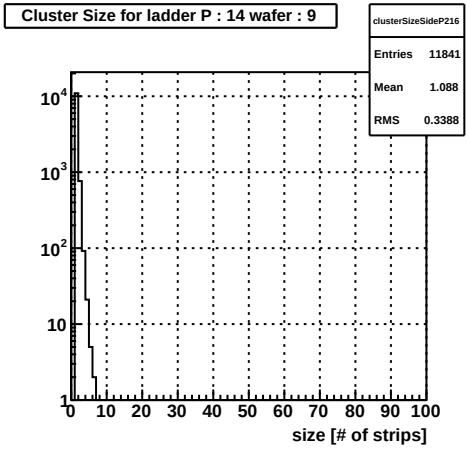

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 10915
Mean 1.068
RMS 0.3095
size [# of strips]

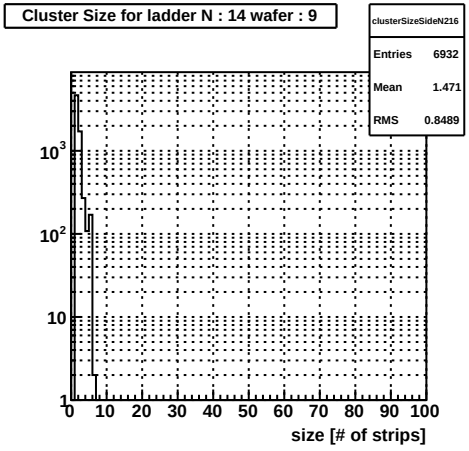

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3917
Mean 1.353
RMS 0.7089
size [# of strips]

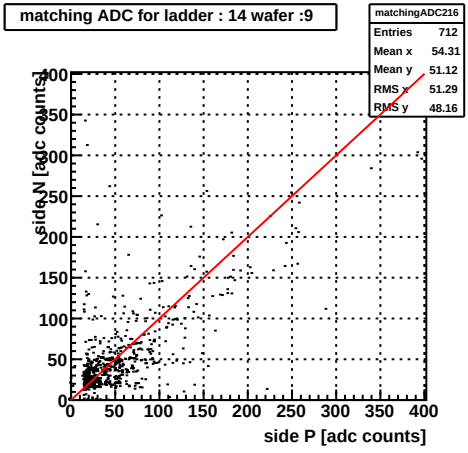

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 634
Mean x 60.84
Mean y 57.59
RMS x 55.71
RMS y 48.8
side N [adc counts]
side P [adc counts]

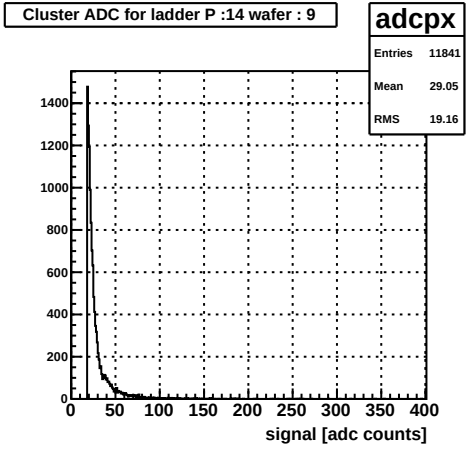

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 10915
Mean 28.13
RMS 23.95
signal [adc counts]

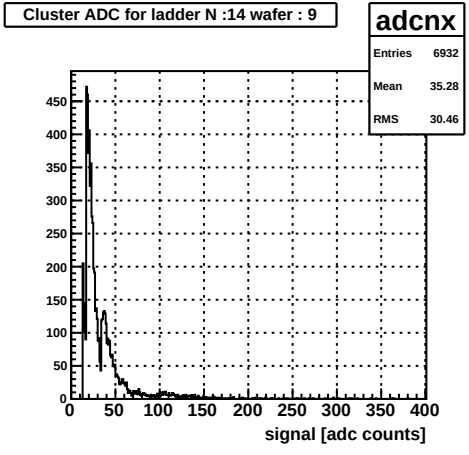

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3917
Mean 31.18
RMS 29.66
signal [adc counts]

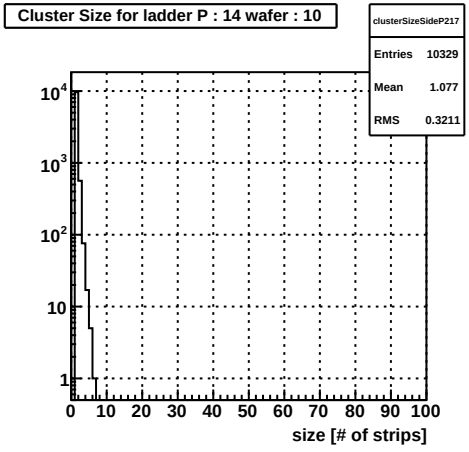

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11841
Mean 1.088
RMS 0.3388
size [# of strips]

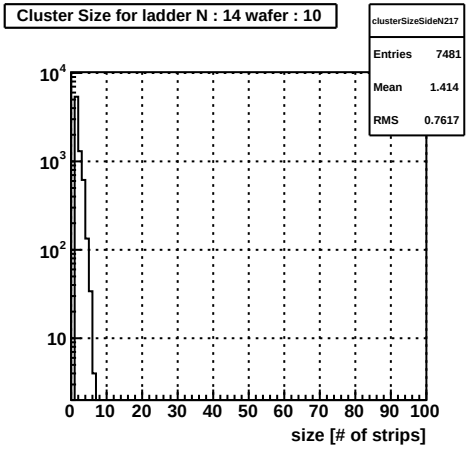

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6932
Mean 1.471
RMS 0.8489
size [# of strips]

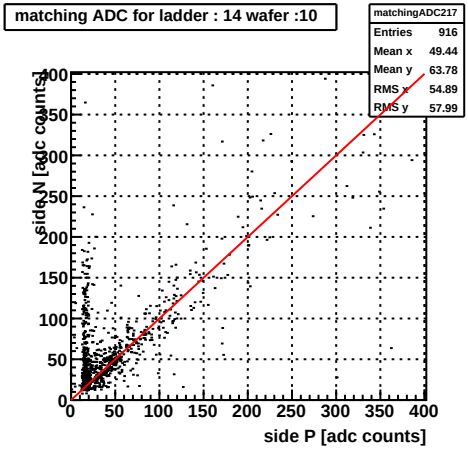

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 712
Mean x 54.31
Mean y 51.12
RMS x 51.29
RMS y 48.16
side N [adc counts]
side P [adc counts]

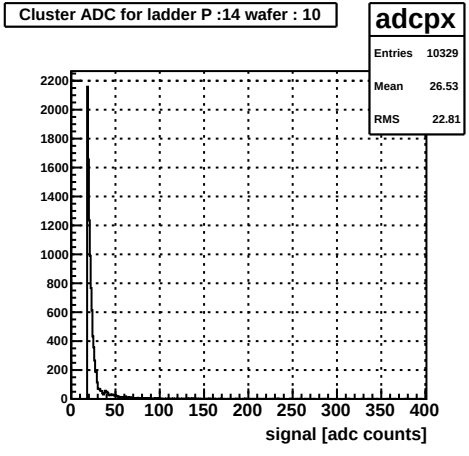

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11841
Mean 29.05
RMS 19.16
signal [adc counts]

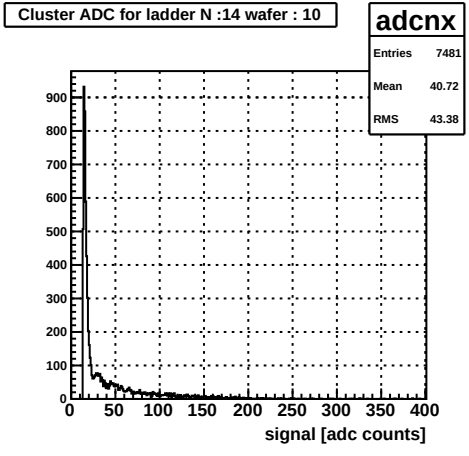

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6932
Mean 35.28
RMS 30.46
signal [adc counts]

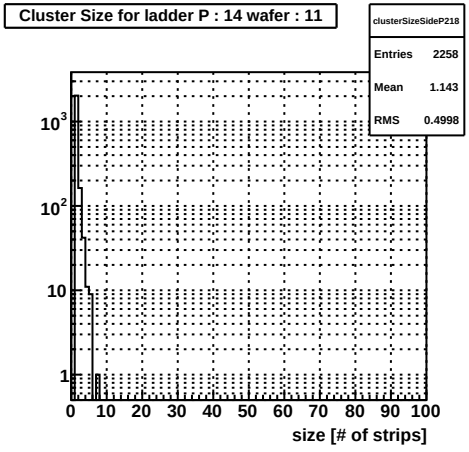

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10329
Mean 1.077
RMS 0.3211
size [# of strips]

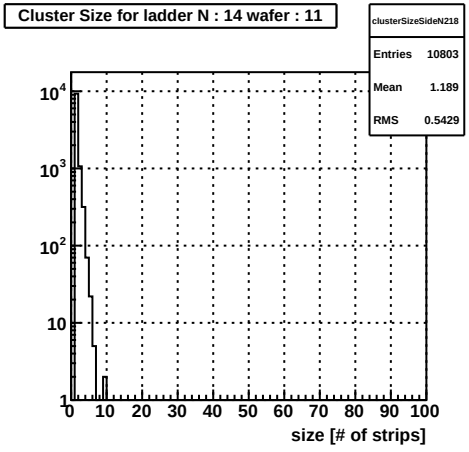

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7481
Mean 1.414
RMS 0.7617
size [# of strips]

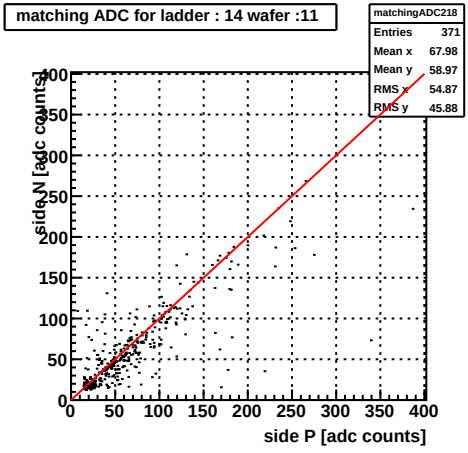

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 916
Mean x 49.44
Mean y 63.78
RMS x 54.89
RMS y 57.99
side N [adc counts]
side P [adc counts]

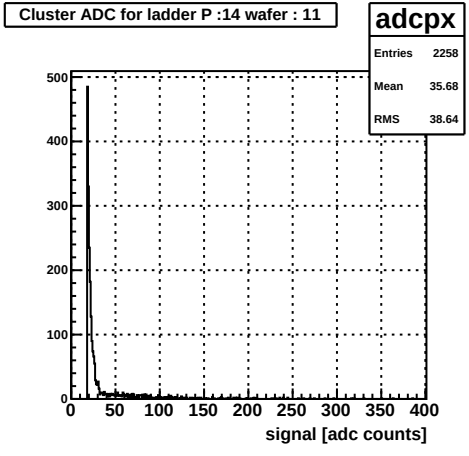

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10329
Mean 26.53
RMS 22.81
signal [adc counts]

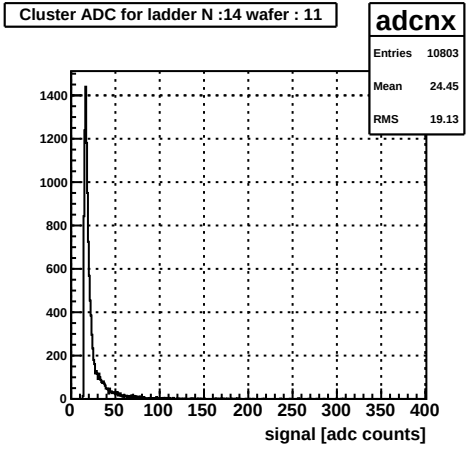

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7481
Mean 40.72
RMS 43.38
signal [adc counts]

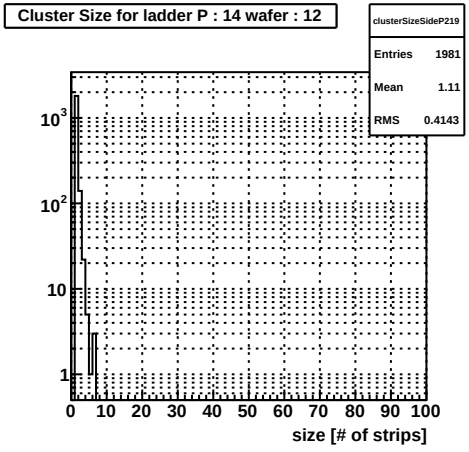

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2258
Mean 1.143
RMS 0.4998
size [# of strips]

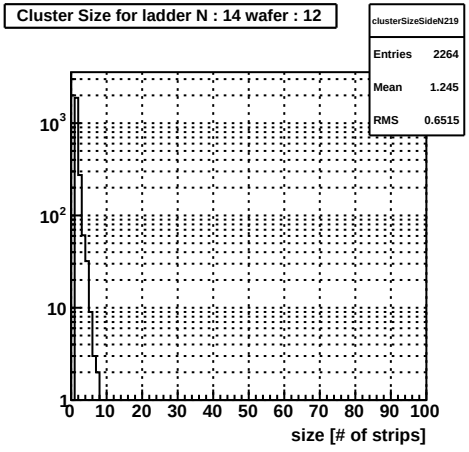

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10803
Mean 1.189
RMS 0.5429
size [# of strips]

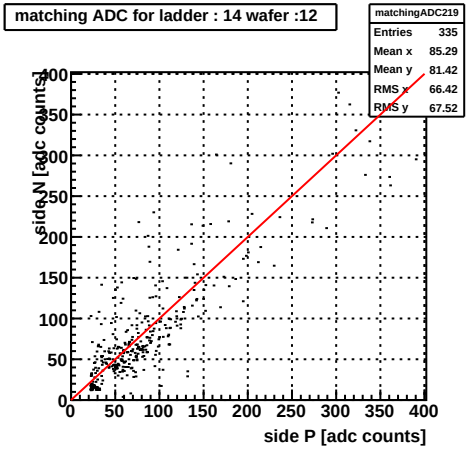

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 371
Mean x 67.98
Mean y 58.97
RMS x 54.87
RMS y 45.88
side N [adc counts]
side P [adc counts]

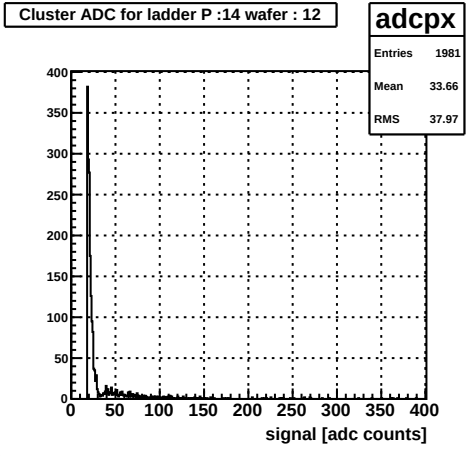

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2258
Mean 35.68
RMS 38.64
signal [adc counts]

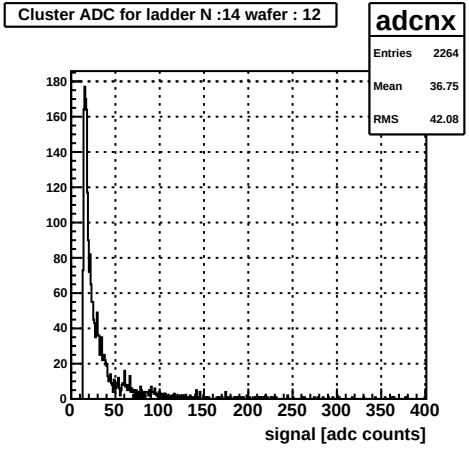

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10803
Mean 24.45
RMS 19.13
signal [adc counts]

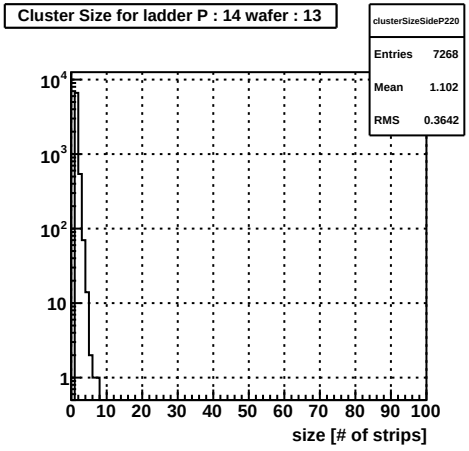

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1981
Mean 1.11
RMS 0.4143
size [# of strips]

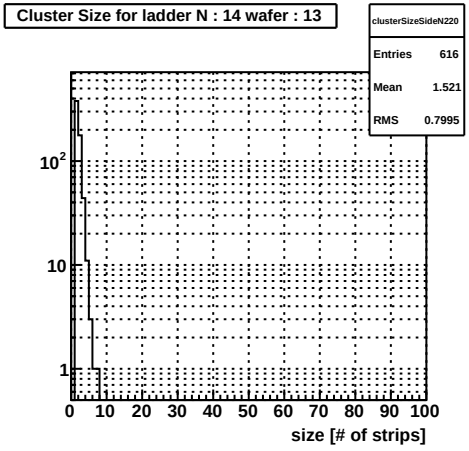

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2264
Mean 1.245
RMS 0.6515
size [# of strips]

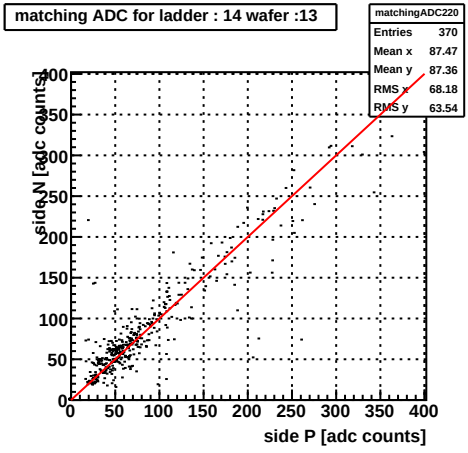

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 335
Mean x 85.29
Mean y 81.42
RMS x 66.42
RMS y 67.52
side N [adc counts]
side P [adc counts]

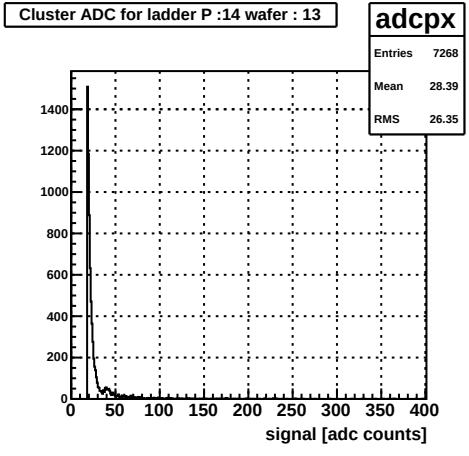

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1981
Mean 33.66
RMS 37.97
signal [adc counts]

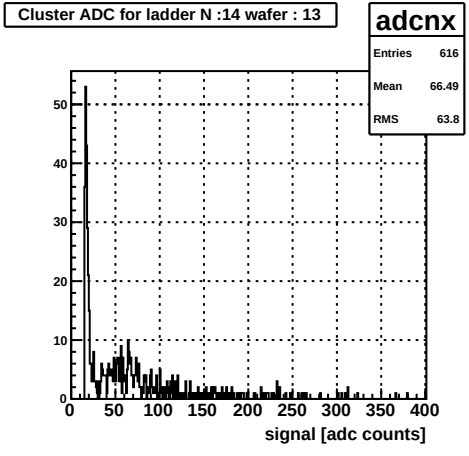

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2264
Mean 36.75
RMS 42.08
signal [adc counts]

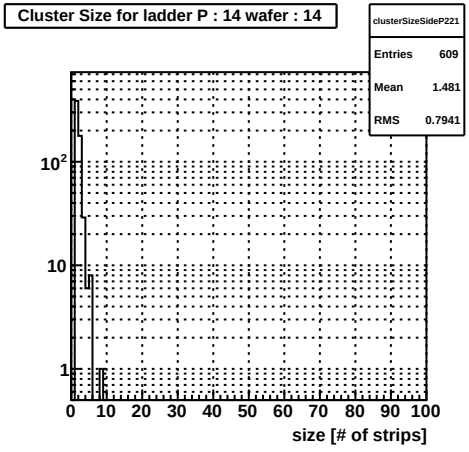

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7268
Mean 1.102
RMS 0.3642
size [# of strips]

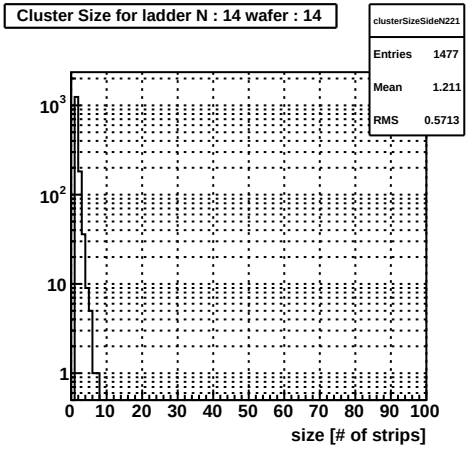

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 616
Mean 1.521
RMS 0.7995
size [# of strips]

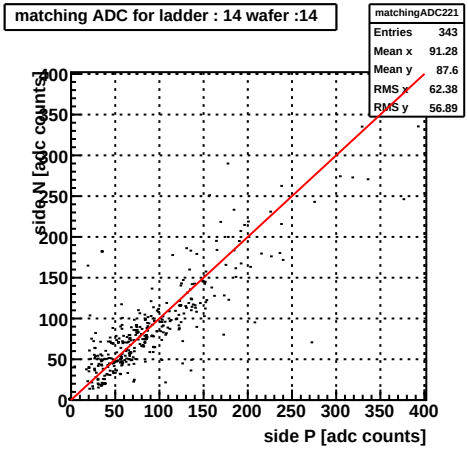

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 370
Mean x 87.47
Mean y 87.36
RMS x 68.18
RMS y 63.54
side N [adc counts]
side P [adc counts]

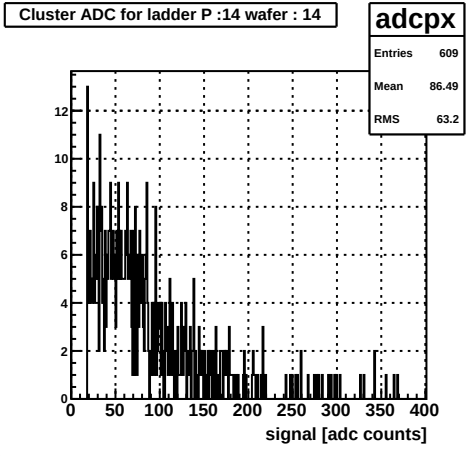

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7268
Mean 28.39
RMS 26.35
signal [adc counts]

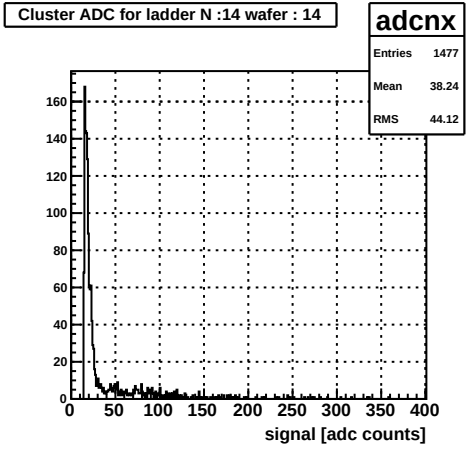

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 616
Mean 66.49
RMS 63.8
signal [adc counts]

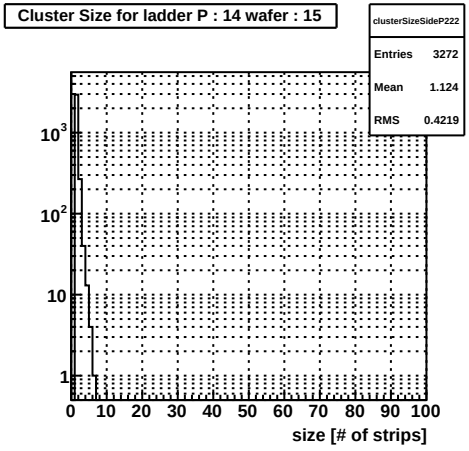

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 609
Mean 1.481
RMS 0.7941
size [# of strips]

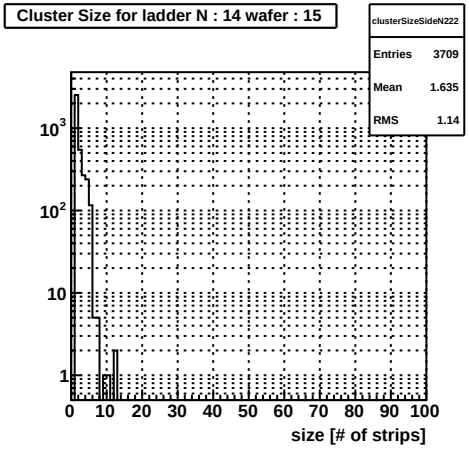

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1477
Mean 1.211
RMS 0.5713
size [# of strips]

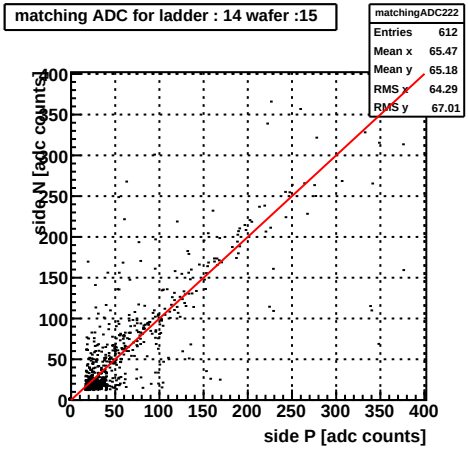

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 343
Mean x 91.28
Mean y 87.6
RMS x 62.38
RMS y 56.89
side N [adc counts]
side P [adc counts]

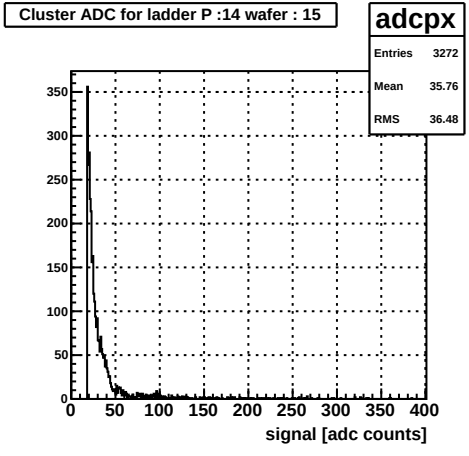

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 609
Mean 86.49
RMS 63.2
signal [adc counts]

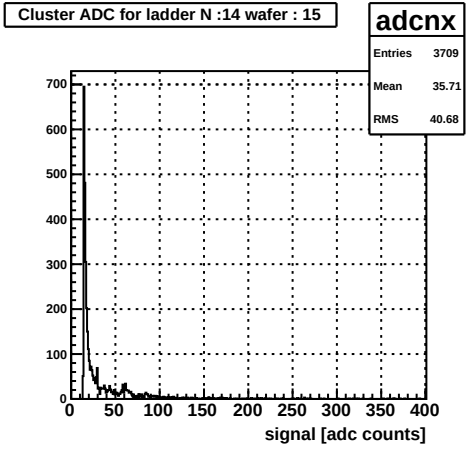

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1477
Mean 38.24
RMS 44.12
signal [adc counts]

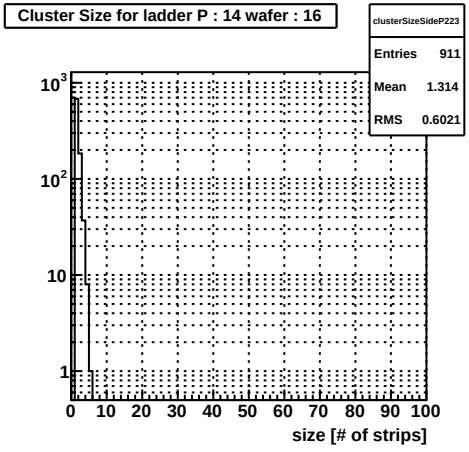

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3272
Mean 1.124
RMS 0.4219
size [# of strips]

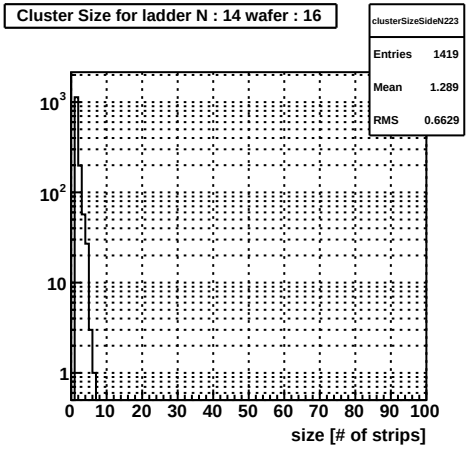

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3709
Mean 1.635
RMS 1.14
size [# of strips]

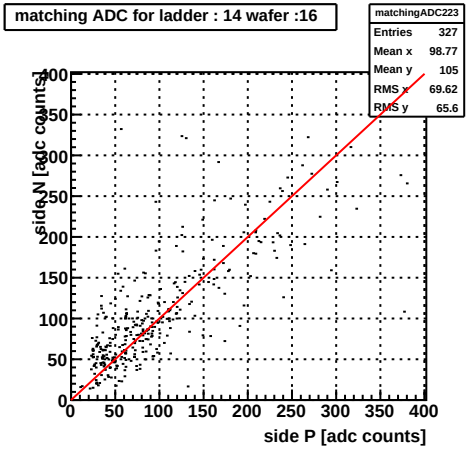

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 612
Mean x 65.47
Mean y 65.18
RMS x 64.29
RMS y 67.01
side N [adc counts]
side P [adc counts]

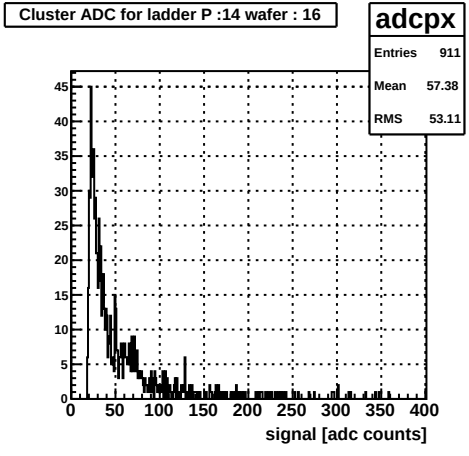

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3272
Mean 35.76
RMS 36.48
signal [adc counts]

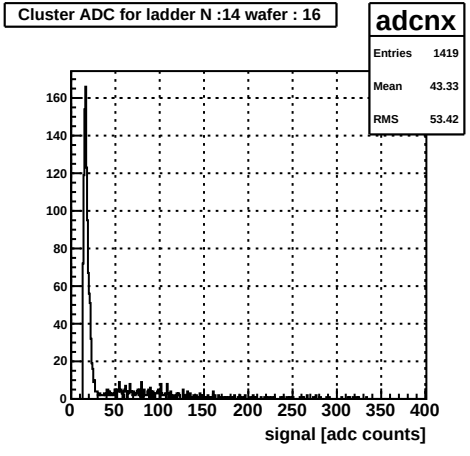

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3709
Mean 35.71
RMS 40.68
signal [adc counts]

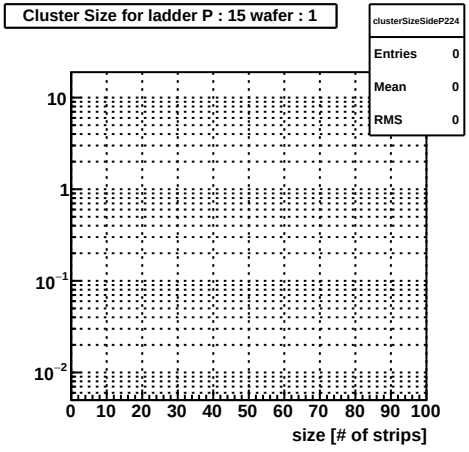

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 911
Mean 1.314
RMS 0.6021
size [# of strips]

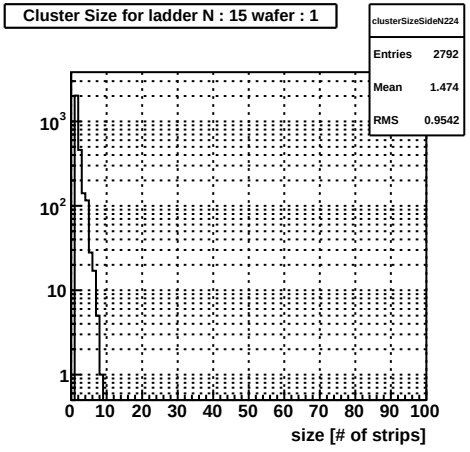

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1419
Mean 1.289
RMS 0.6629
size [# of strips]

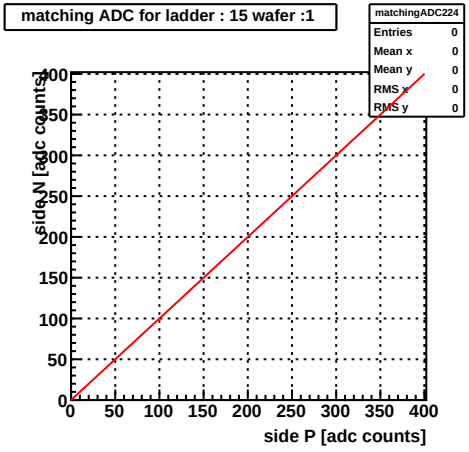

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 327
Mean x 98.77
Mean y 105
RMS x 69.62
RMS y 65.6
side N [adc counts]
side P [adc counts]

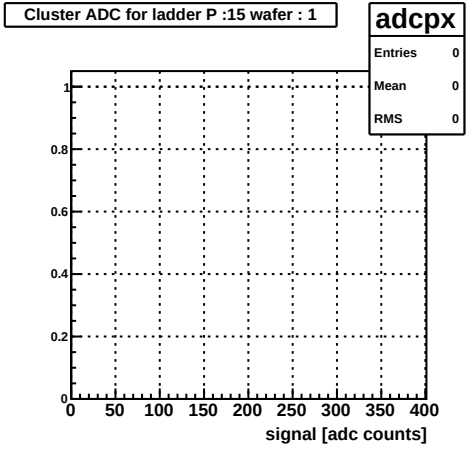

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 911
Mean 57.38
RMS 53.11
signal [adc counts]

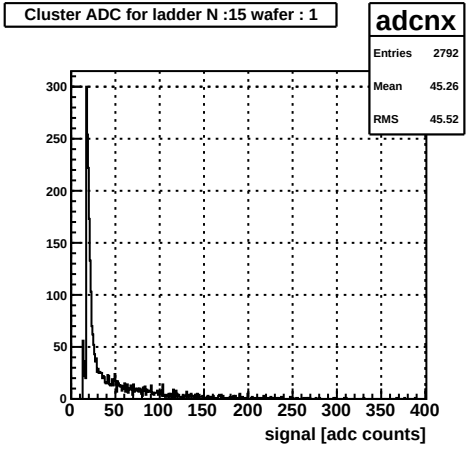

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1419
Mean 43.33
RMS 53.42
signal [adc counts]

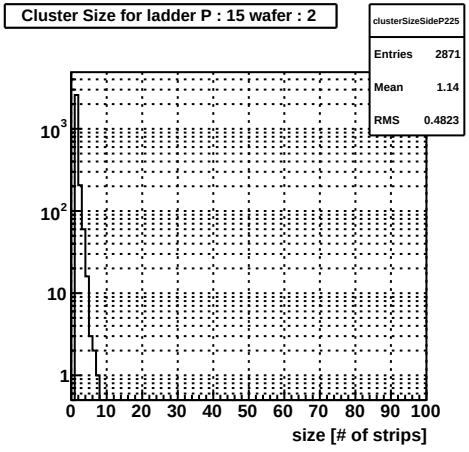

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

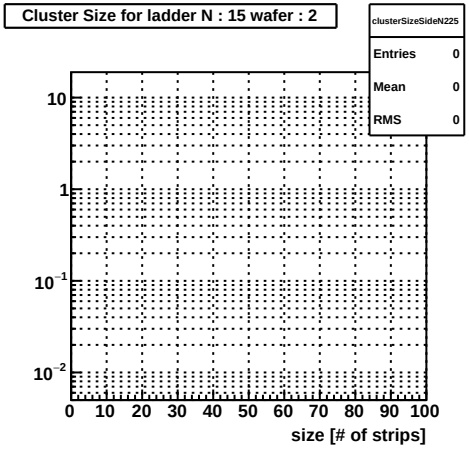

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2792
Mean 1.474
RMS 0.9542
size [# of strips]

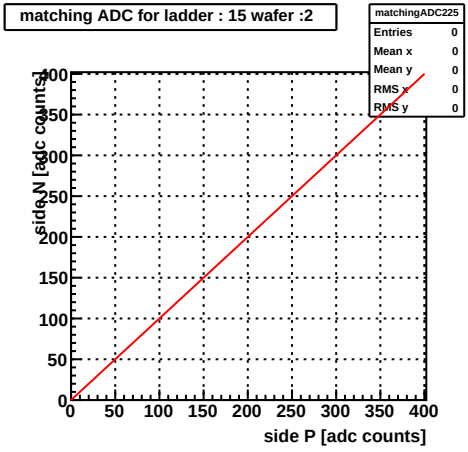

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

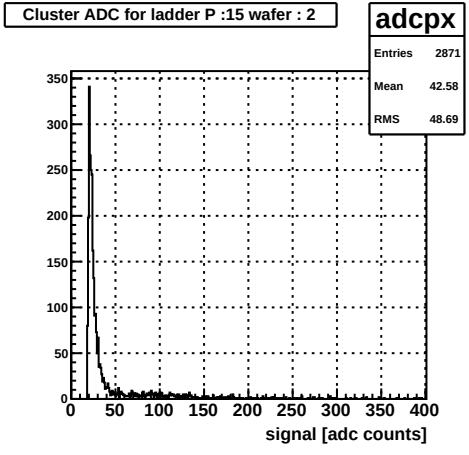

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

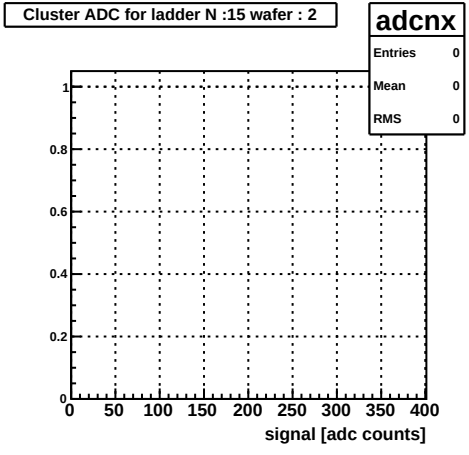

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2792
Mean 45.26
RMS 45.52
signal [adc counts]

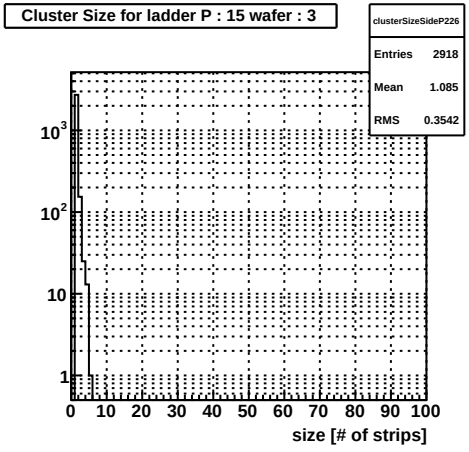

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2871
Mean 1.14
RMS 0.4823
size [# of strips]

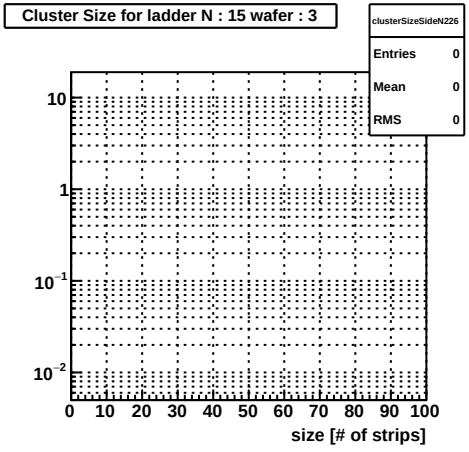

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

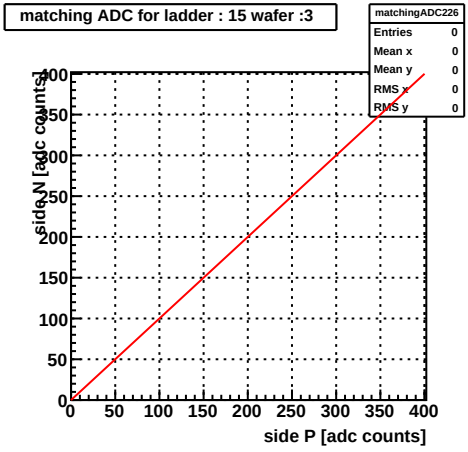

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

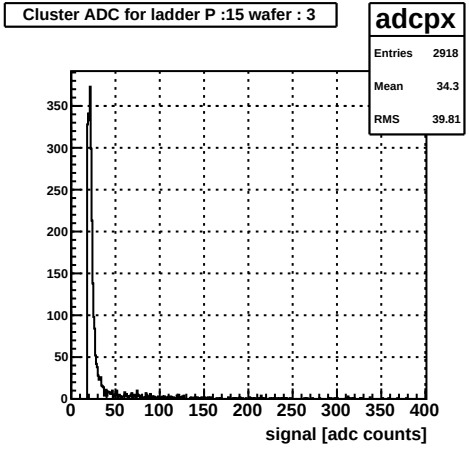

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2871
Mean 42.58
RMS 48.69
signal [adc counts]

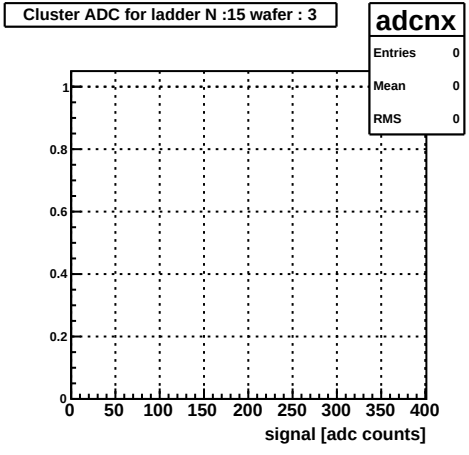

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

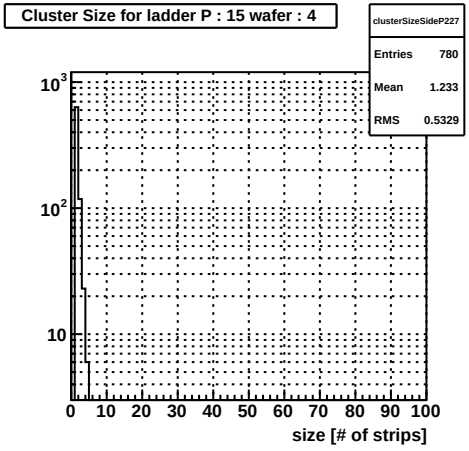

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2918
Mean 1.085
RMS 0.3542
size [# of strips]

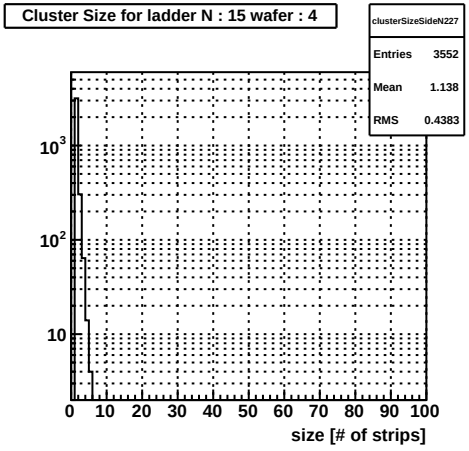

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

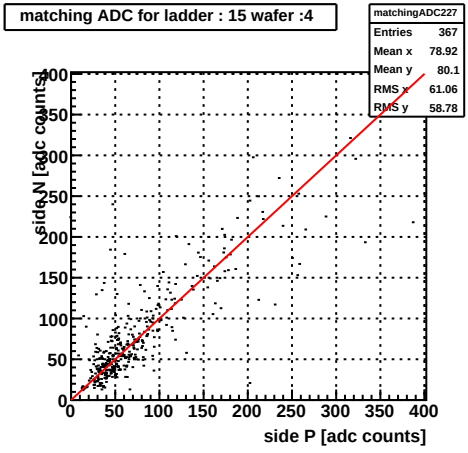

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

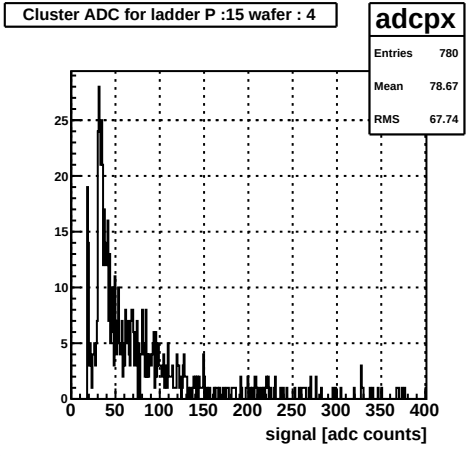

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2918
Mean 34.3
RMS 39.81
signal [adc counts]

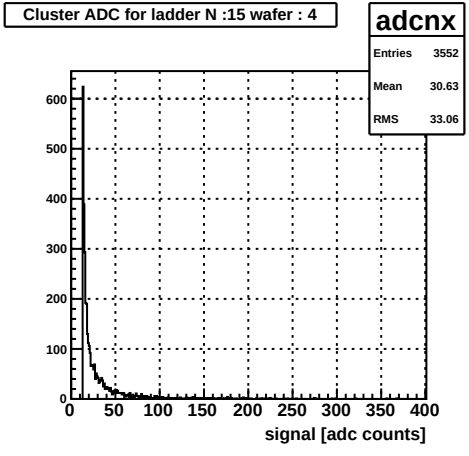

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

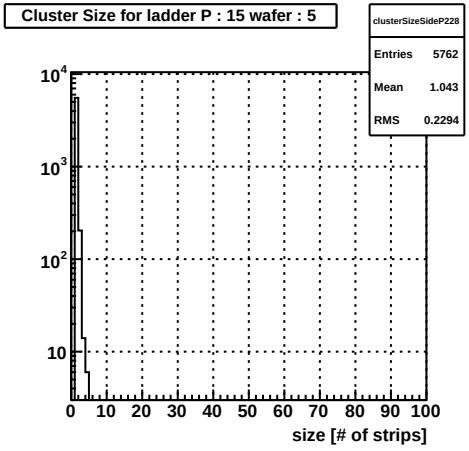

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 780
Mean 1.233
RMS 0.5329
size [# of strips]

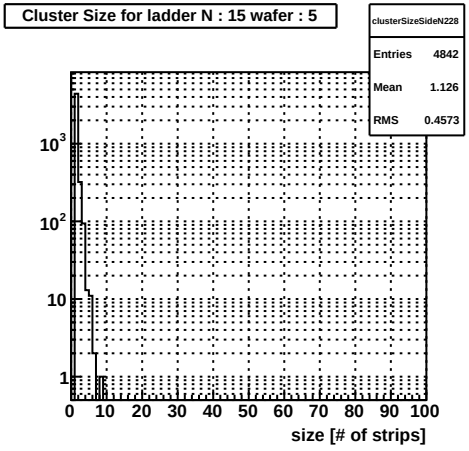

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3552
Mean 1.138
RMS 0.4383
size [# of strips]

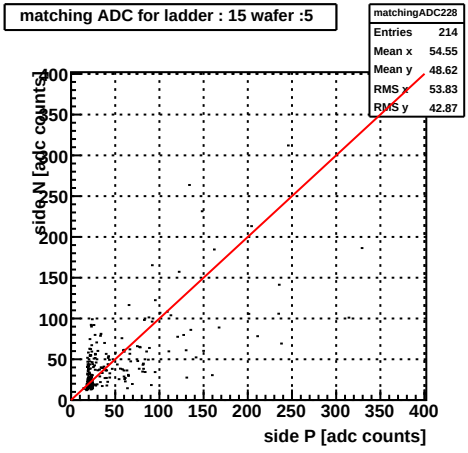

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 367
Mean x 78.92
Mean y 80.1
RMS x 61.06
RMS y 58.78
side N [adc counts]
side P [adc counts]

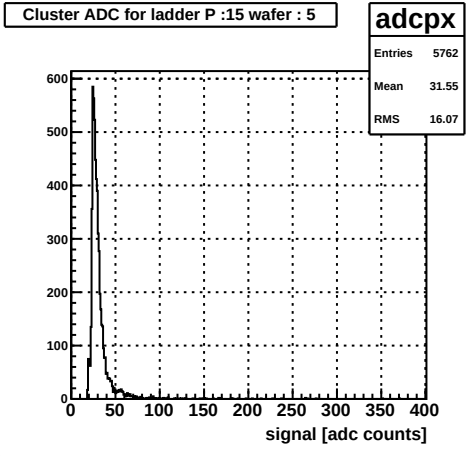

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 780
Mean 78.67
RMS 67.74
signal [adc counts]

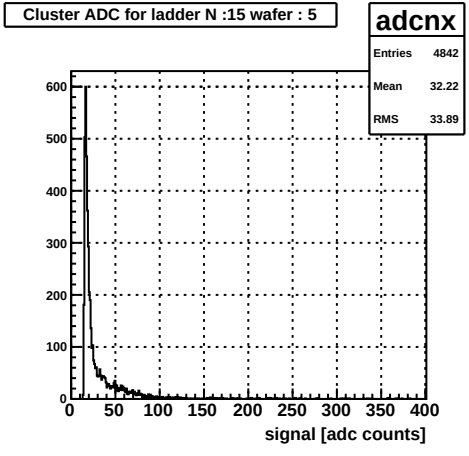

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3552
Mean 30.63
RMS 33.06
signal [adc counts]

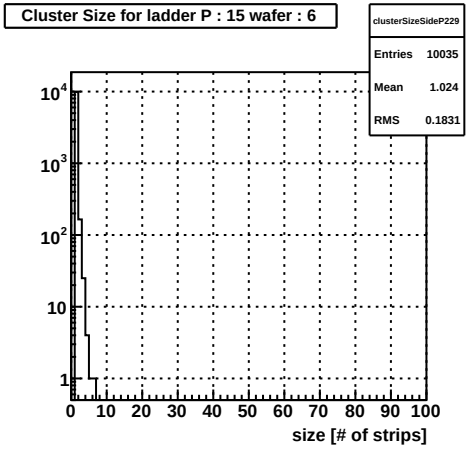

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 5762
Mean 1.043
RMS 0.2294
size [# of strips]

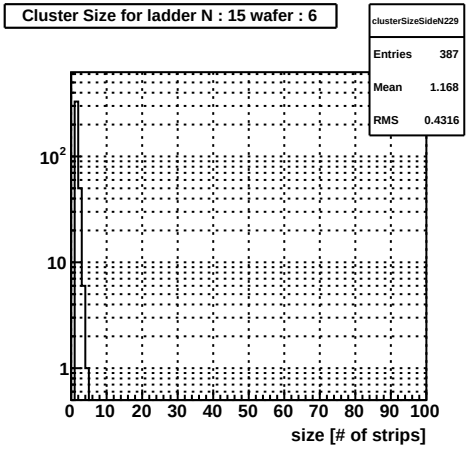

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4842
Mean 1.126
RMS 0.4573
size [# of strips]

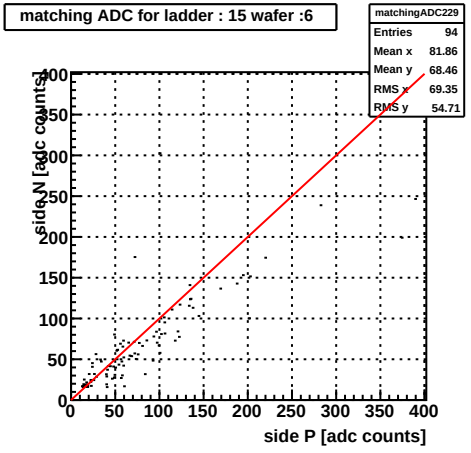

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 214
Mean x 54.55
Mean y 48.62
RMS x 53.83
RMS y 42.87
side N [adc counts]
side P [adc counts]

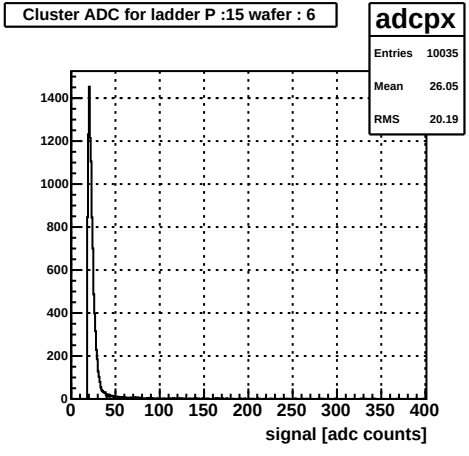

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 5762
Mean 31.55
RMS 16.07
signal [adc counts]

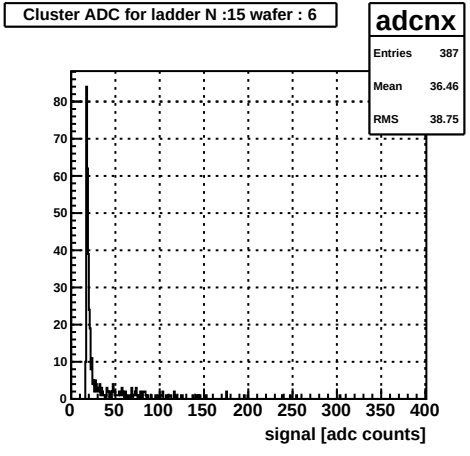

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4842
Mean 32.22
RMS 33.89
signal [adc counts]

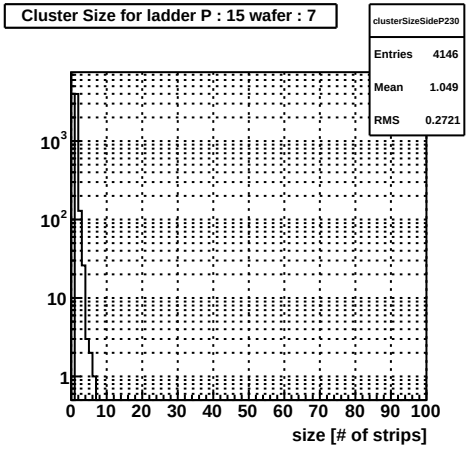

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10035
Mean 1.024
RMS 0.1831
size [# of strips]

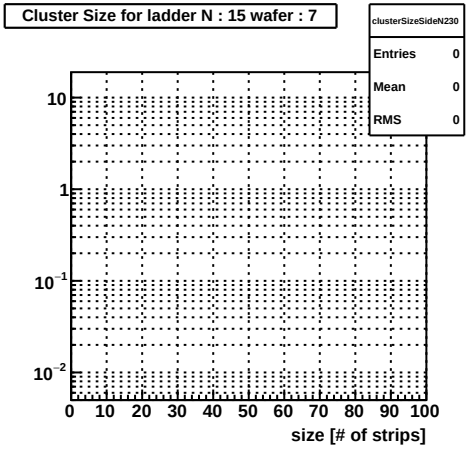

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 387
Mean 1.168
RMS 0.4316
size [# of strips]

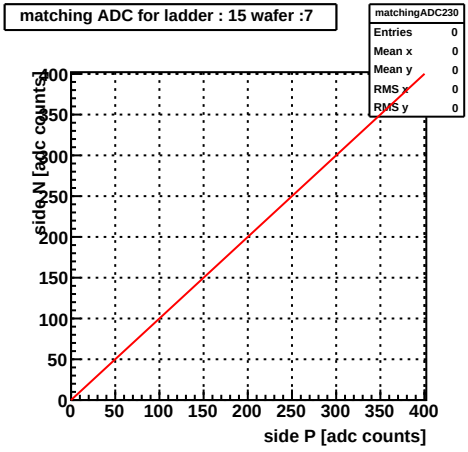

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 94
Mean x 81.86
Mean y 68.46
RMS x 69.35
RMS y 54.71
side N [adc counts]
side P [adc counts]

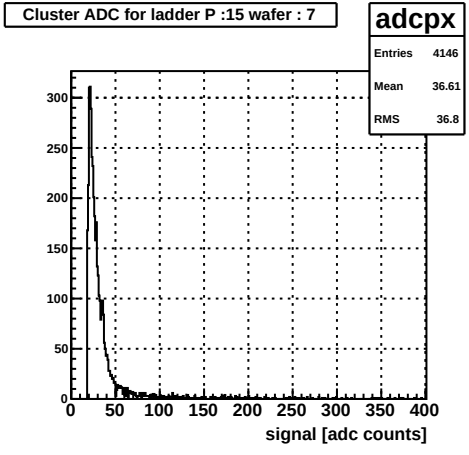

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10035
Mean 26.05
RMS 20.19
signal [adc counts]

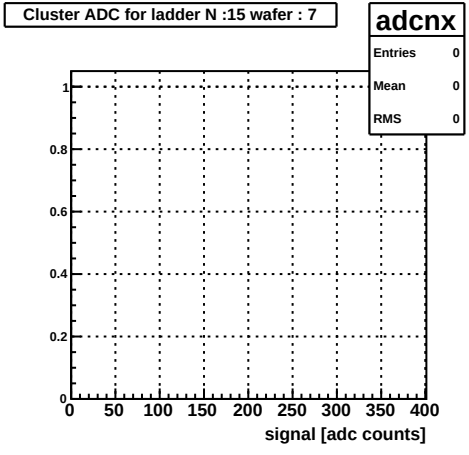

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 387
Mean 36.46
RMS 38.75
signal [adc counts]

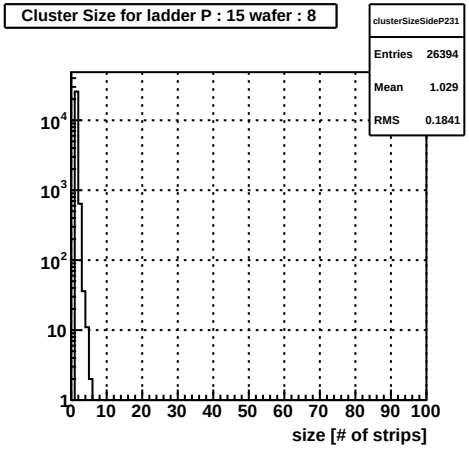

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4146
Mean 1.049
RMS 0.2721
size [# of strips]

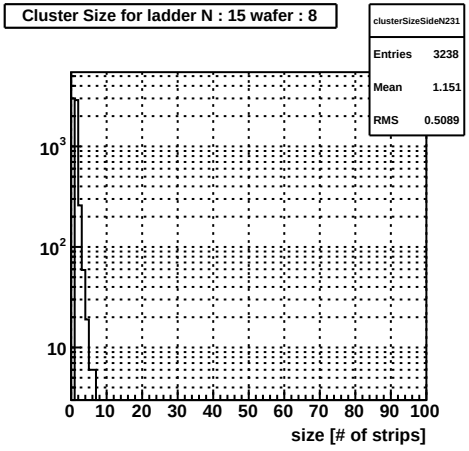

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

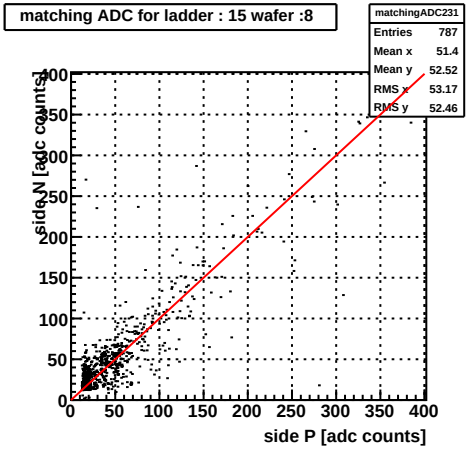

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

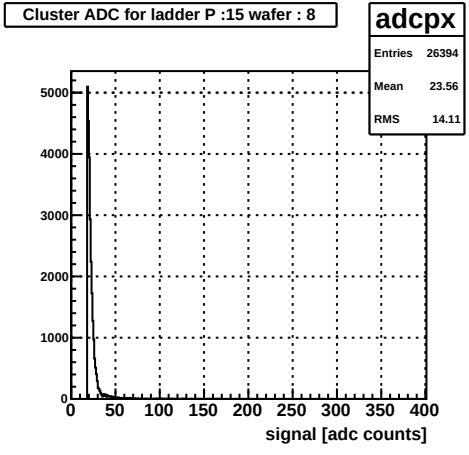

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4146
Mean 36.61
RMS 36.8
signal [adc counts]

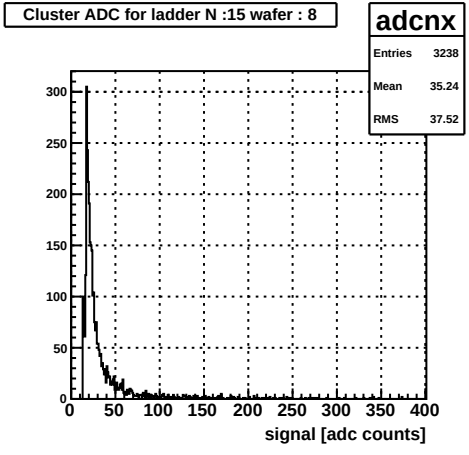

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

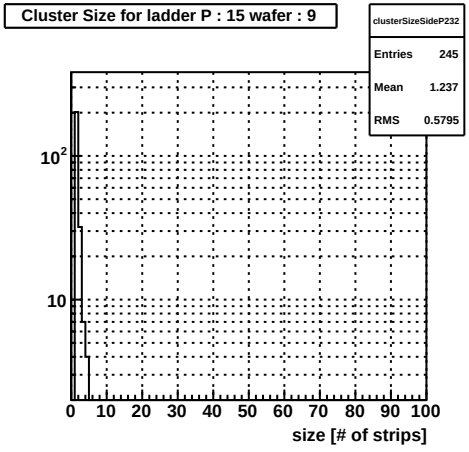

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 26394
Mean 1.029
RMS 0.1841
size [# of strips]

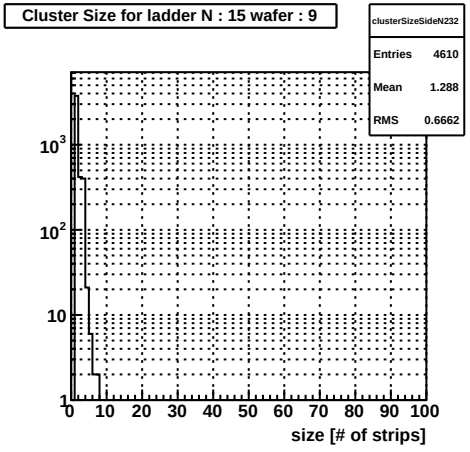

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3238
Mean 1.151
RMS 0.5089
size [# of strips]

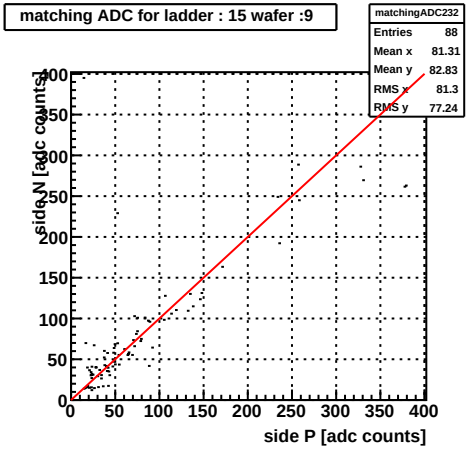

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 787
Mean x 51.4
Mean y 52.52
RMS x 53.17
RMS y 52.46
side N [adc counts]
side P [adc counts]

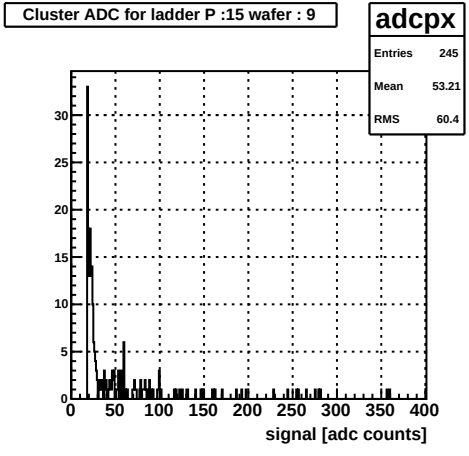

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 26394
Mean 23.56
RMS 14.11
signal [adc counts]

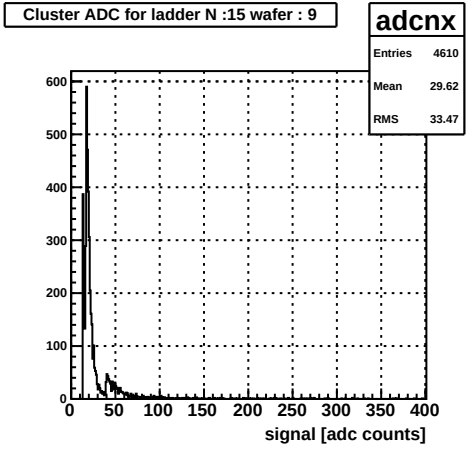

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3238
Mean 35.24
RMS 37.52
signal [adc counts]

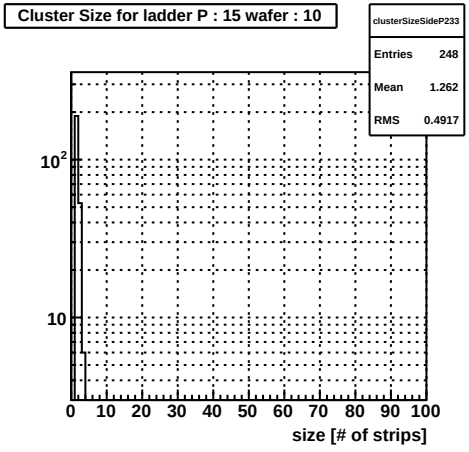

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 245
Mean 1.237
RMS 0.5795
size [# of strips]

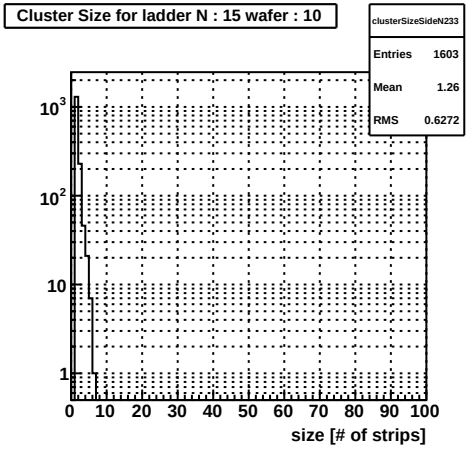

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4610
Mean 1.288
RMS 0.6662
size [# of strips]

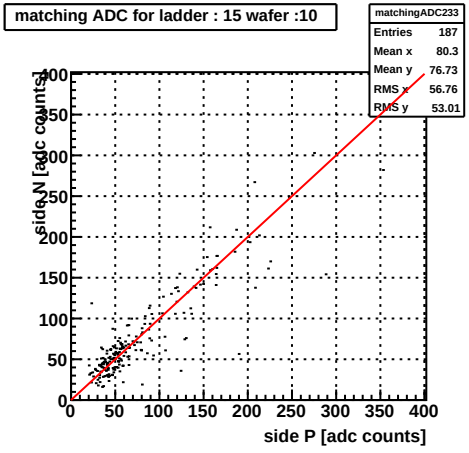

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 88
Mean x 81.31
Mean y 82.83
RMS x 81.3
RMS y 77.24
side N [adc counts]
side P [adc counts]

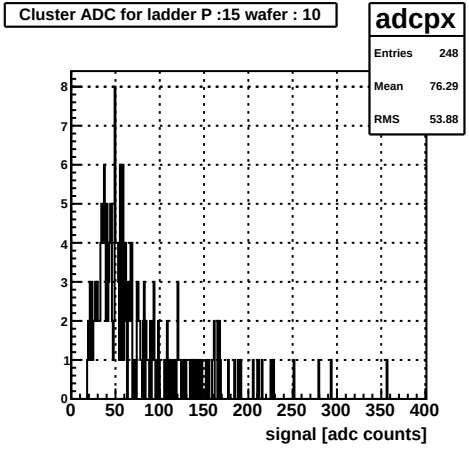

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 245
Mean 53.21
RMS 60.4
signal [adc counts]

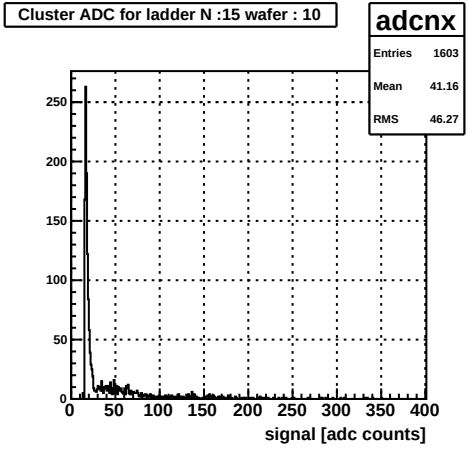

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4610
Mean 29.62
RMS 33.47
signal [adc counts]

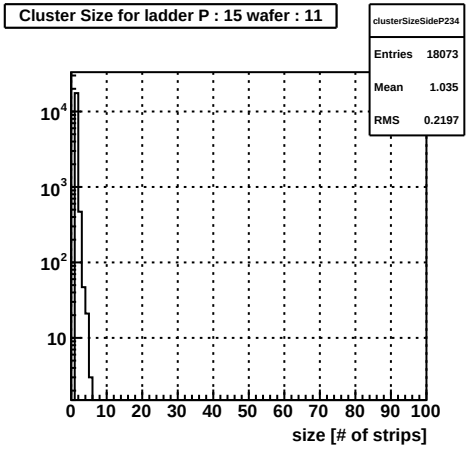

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 248
Mean 1.262
RMS 0.4917
size [# of strips]

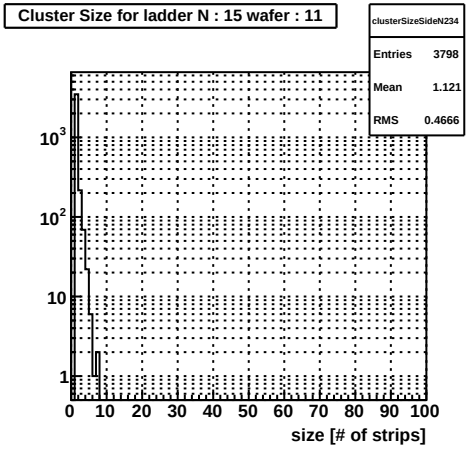

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1603
Mean 1.26
RMS 0.6272
size [# of strips]

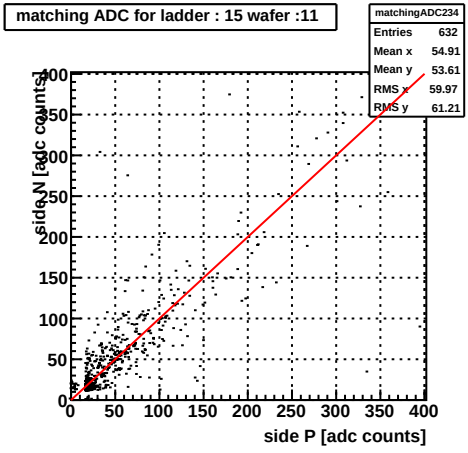

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 187
Mean x 80.3
Mean y 76.73
RMS x 56.76
RMS y 53.01
side N [adc counts]
side P [adc counts]

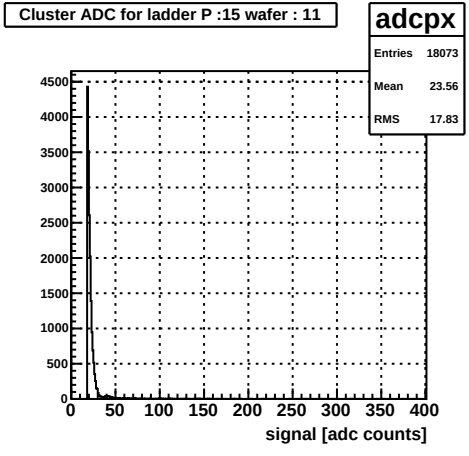

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 248
Mean 76.29
RMS 53.88
signal [adc counts]

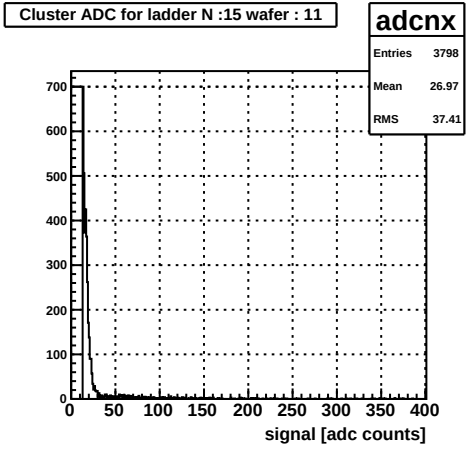

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1603
Mean 41.16
RMS 46.27
signal [adc counts]

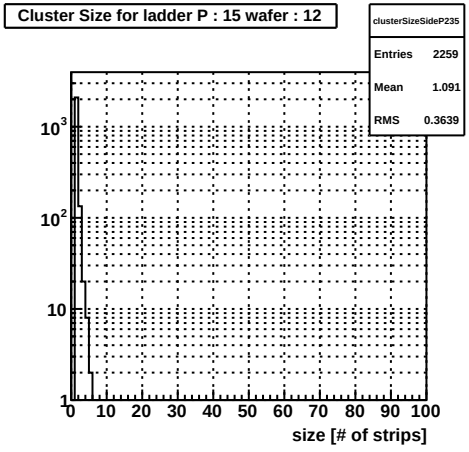

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 18073
Mean 1.035
RMS 0.2197
size [# of strips]

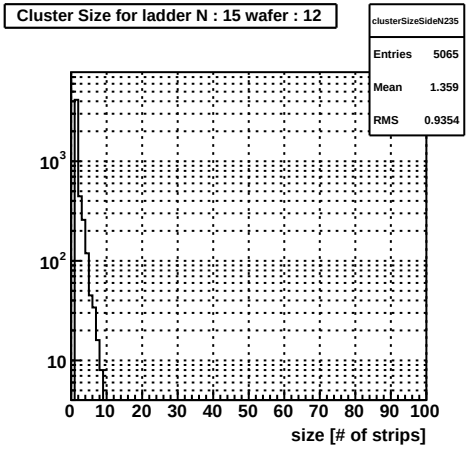

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3798
Mean 1.121
RMS 0.4666
size [# of strips]

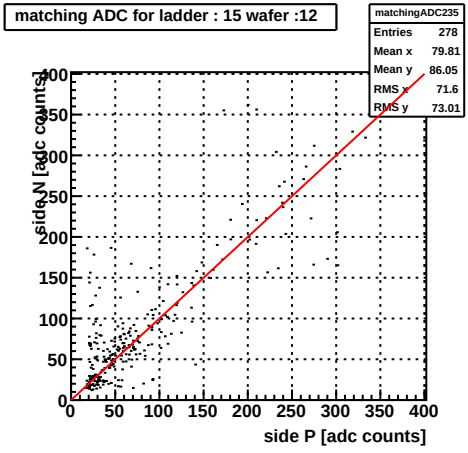

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 632
Mean x 54.91
Mean y 53.61
RMS x 59.97
RMS y 61.21
side N [adc counts]
side P [adc counts]

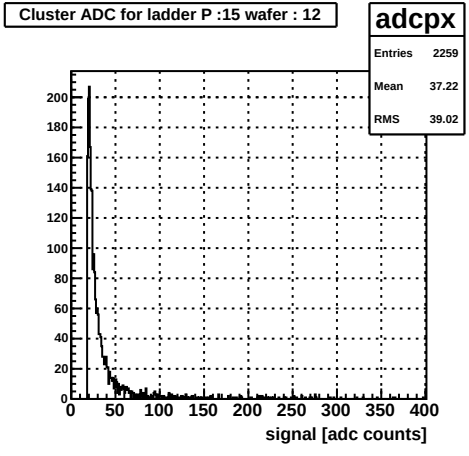

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 18073
Mean 23.56
RMS 17.83
signal [adc counts]

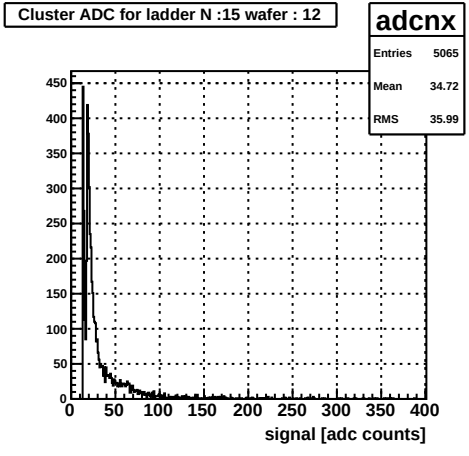

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3798
Mean 26.97
RMS 37.41
signal [adc counts]

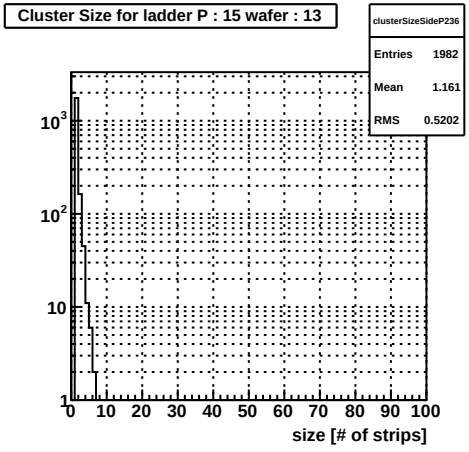

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2259
Mean 1.091
RMS 0.3639
size [# of strips]

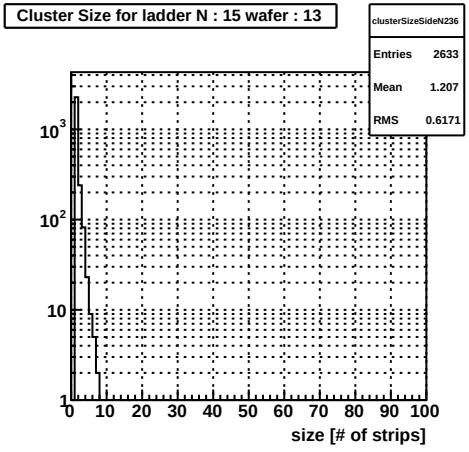

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5065
Mean 1.359
RMS 0.9354
size [# of strips]

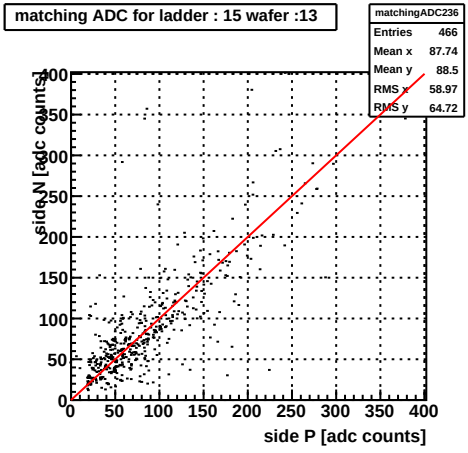

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 278
Mean x 79.81
Mean y 86.05
RMS x 71.6
RMS y 73.01
side N [adc counts]
side P [adc counts]

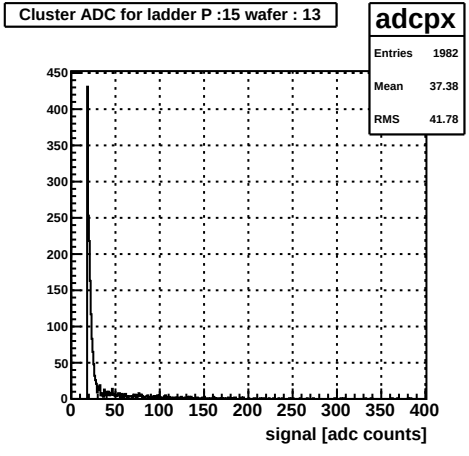

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2259
Mean 37.22
RMS 39.02
signal [adc counts]

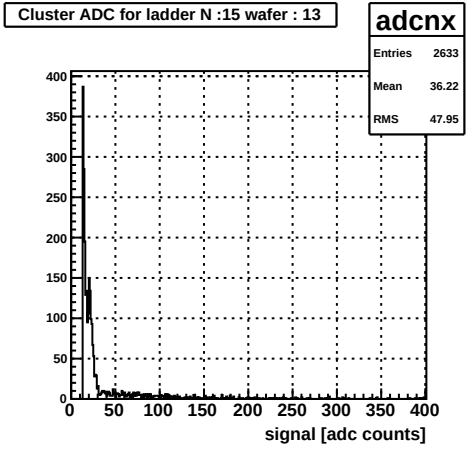

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5065
Mean 34.72
RMS 35.99
signal [adc counts]

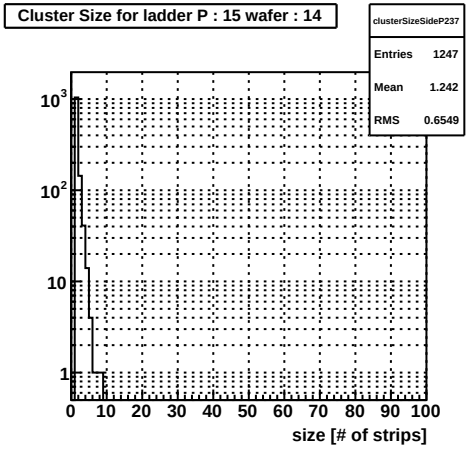

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1982
Mean 1.161
RMS 0.5202
size [# of strips]

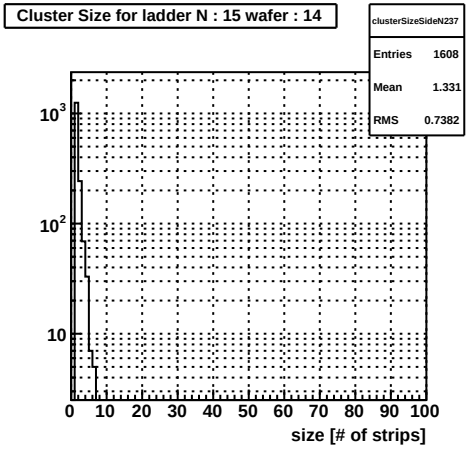

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2633
Mean 1.207
RMS 0.6171
size [# of strips]

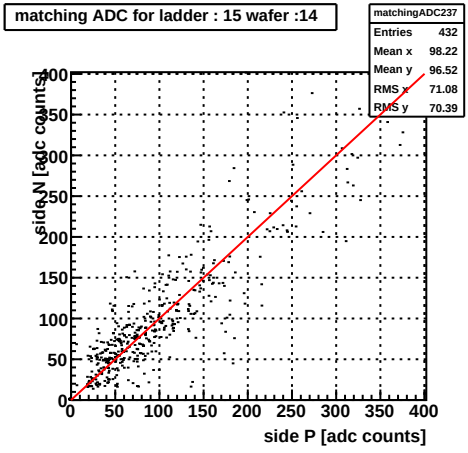

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 466
Mean x 87.74
Mean y 88.5
RMS x 58.97
RMS y 64.72
side N [adc counts]
side P [adc counts]

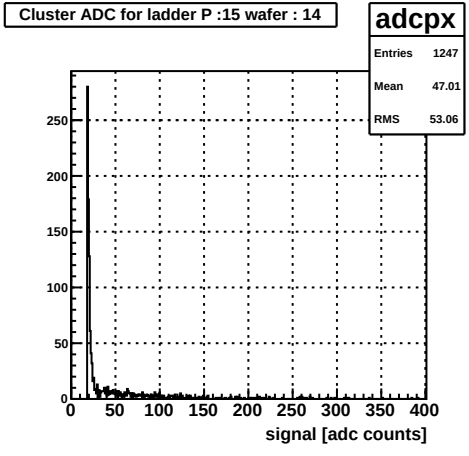

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1982
Mean 37.38
RMS 41.78
signal [adc counts]

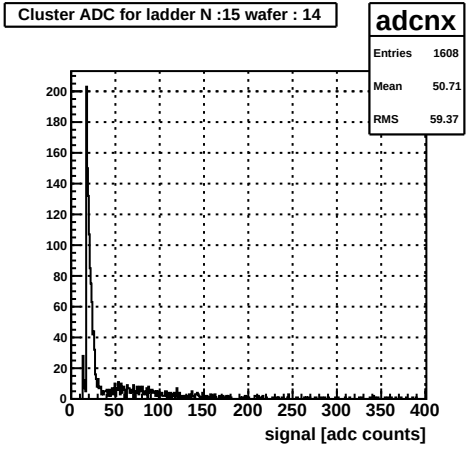

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2633
Mean 36.22
RMS 47.95
signal [adc counts]

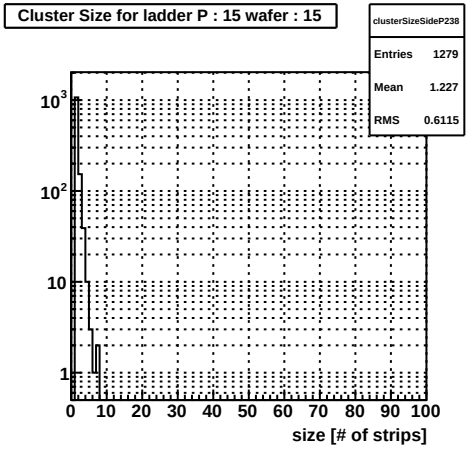

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1247
Mean 1.242
RMS 0.6549
size [# of strips]

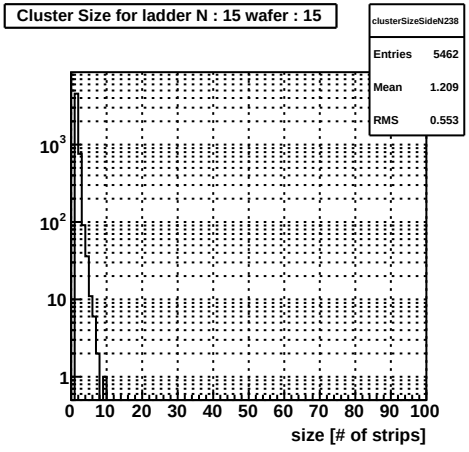

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1608
Mean 1.331
RMS 0.7382
size [# of strips]

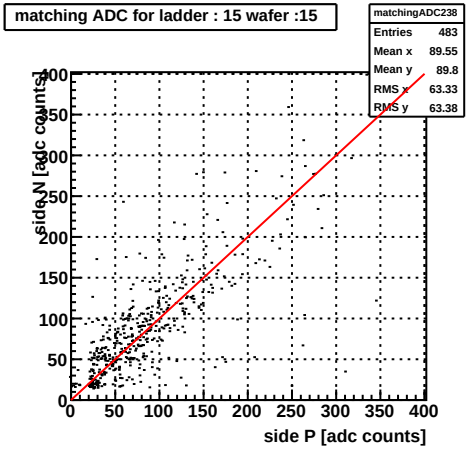

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 432
Mean x 98.22
Mean y 96.52
RMS x 71.08
RMS y 70.39
side N [adc counts]
side P [adc counts]

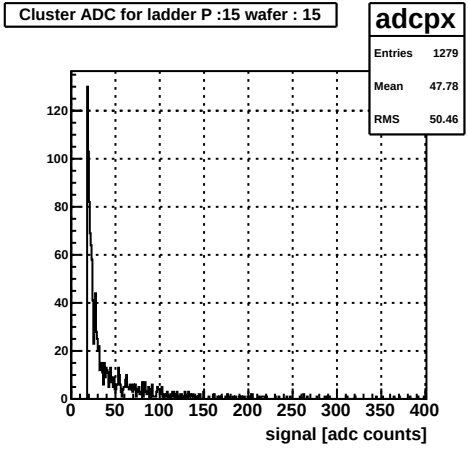

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1247
Mean 47.01
RMS 53.06
signal [adc counts]

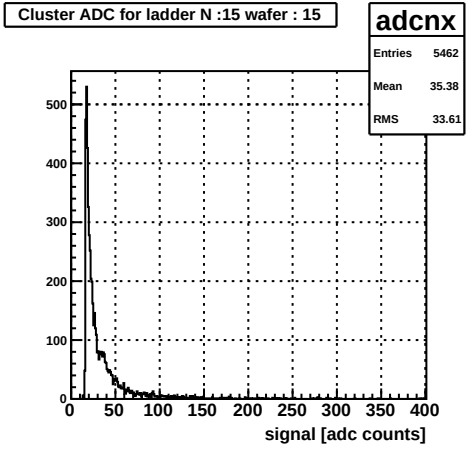

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1608
Mean 50.71
RMS 59.37
signal [adc counts]

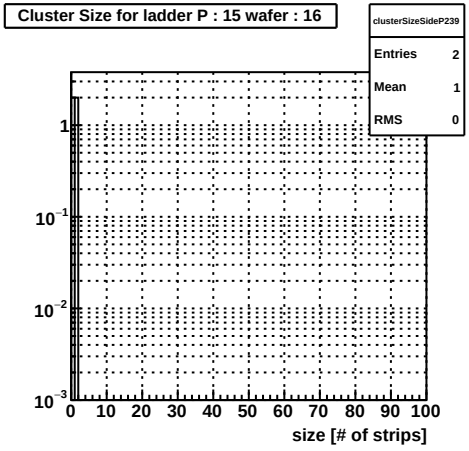

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1279
Mean 1.227
RMS 0.6115
size [# of strips]

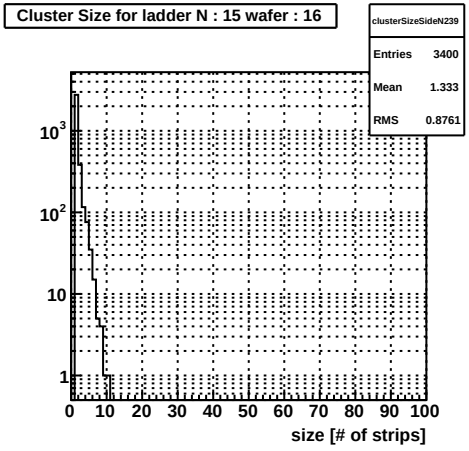

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5462
Mean 1.209
RMS 0.553
size [# of strips]

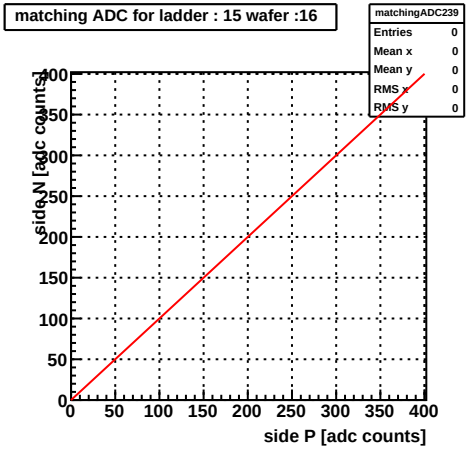

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 483
Mean x 89.55
Mean y 89.8
RMS x 63.33
RMS y 63.38
side N [adc counts]
side P [adc counts]

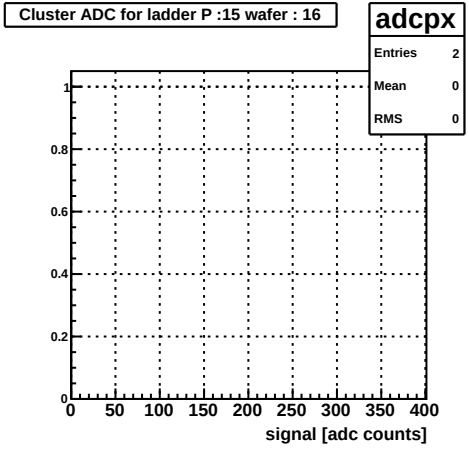

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1279
Mean 47.78
RMS 50.46
signal [adc counts]

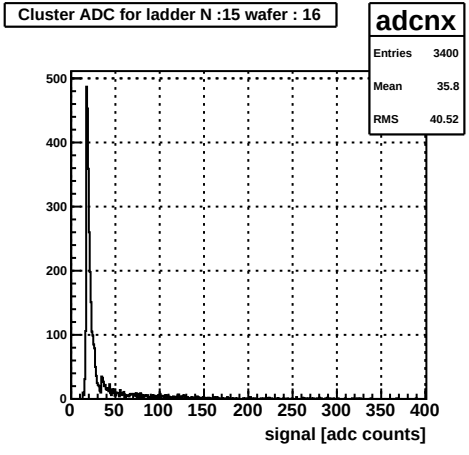

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5462
Mean 35.38
RMS 33.61
signal [adc counts]

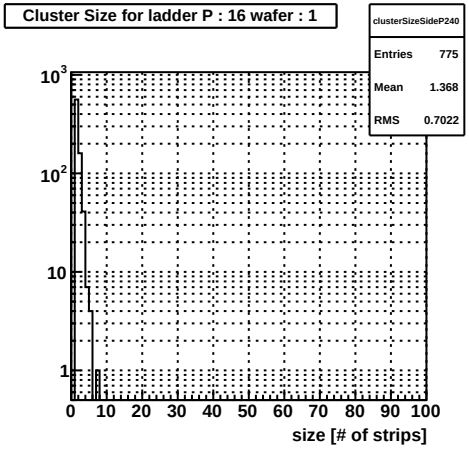

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

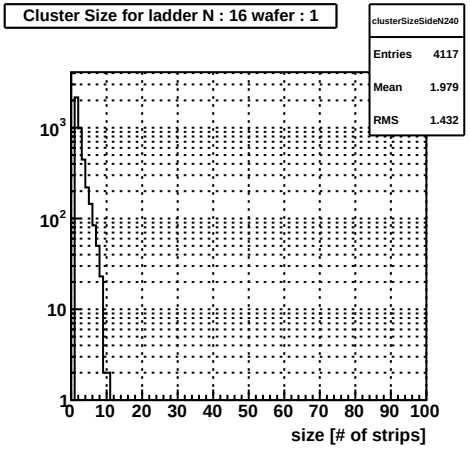

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3400
Mean 1.333
RMS 0.8761
size [# of strips]

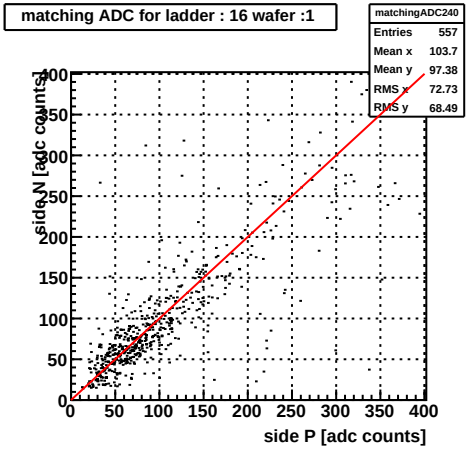

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

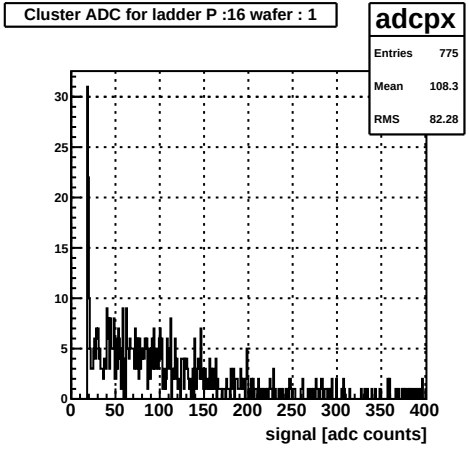

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

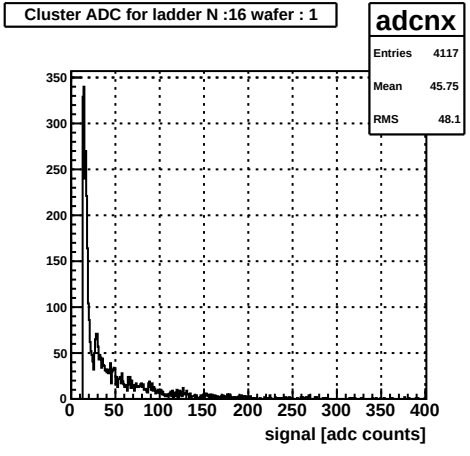

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3400
Mean 35.8
RMS 40.52
signal [adc counts]

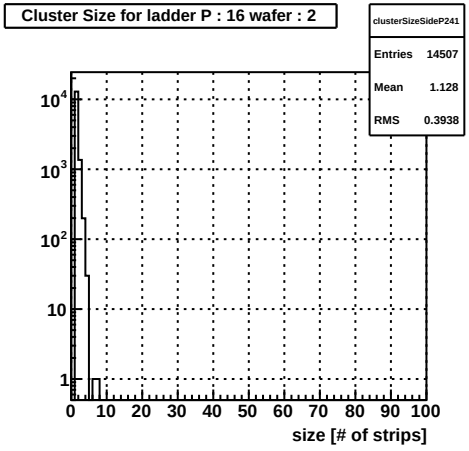

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 775
Mean 1.368
RMS 0.7022
size [# of strips]

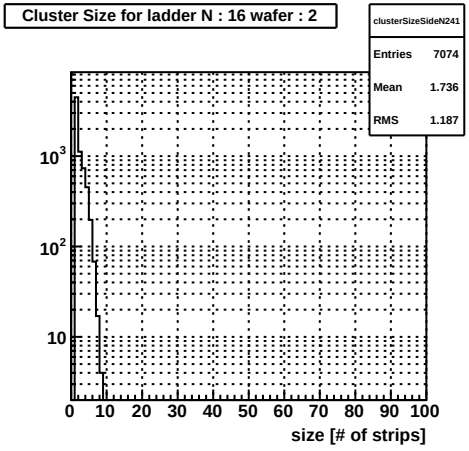

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4117
Mean 1.979
RMS 1.432
size [# of strips]

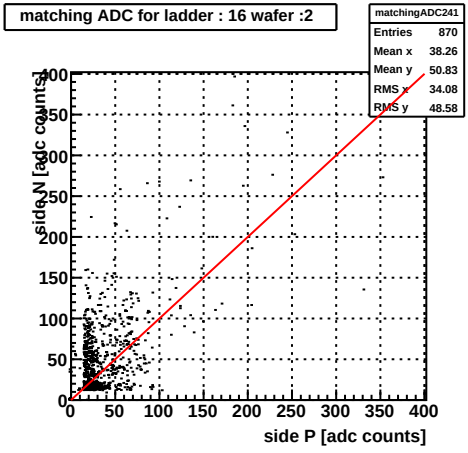

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 557
Mean x 103.7
Mean y 97.38
RMS x 72.73
RMS y 68.49
side N [adc counts]
side P [adc counts]

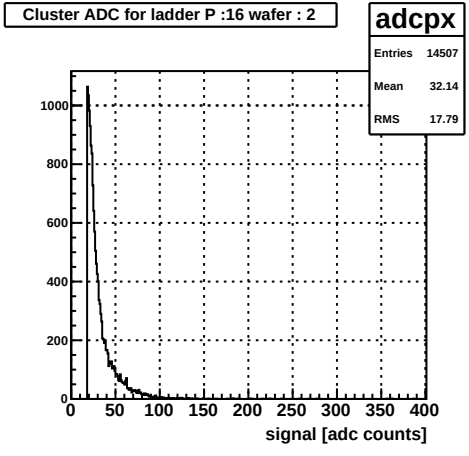

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 775
Mean 108.3
RMS 82.28
signal [adc counts]

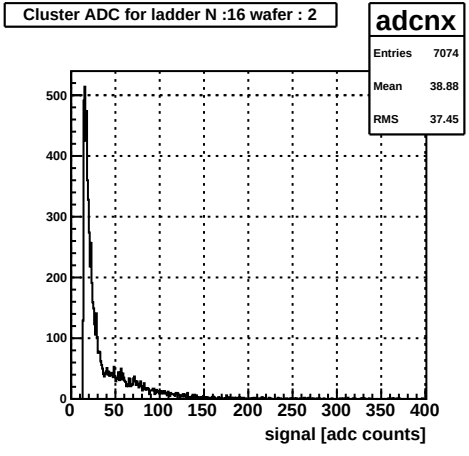

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4117
Mean 45.75
RMS 48.1
signal [adc counts]

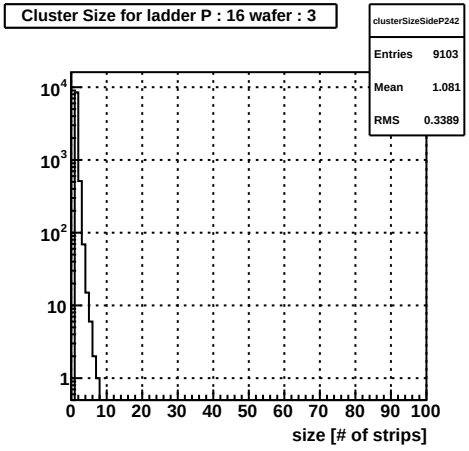

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14507
Mean 1.128
RMS 0.3938
size [# of strips]

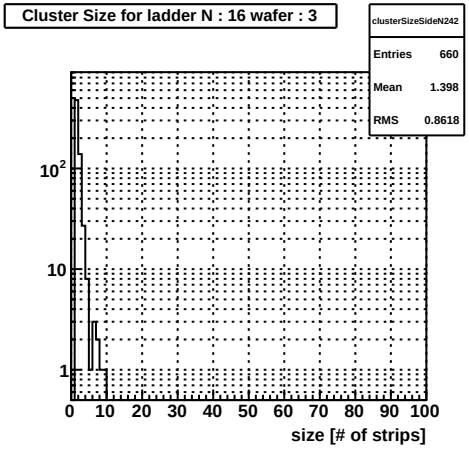

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 7074
Mean 1.736
RMS 1.187
size [# of strips]

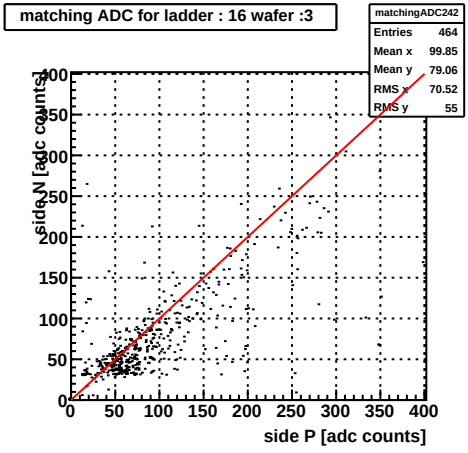

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 870
Mean x 38.26
Mean y 50.83
RMS x 34.08
RMS y 48.58
side N [adc counts]
side P [adc counts]

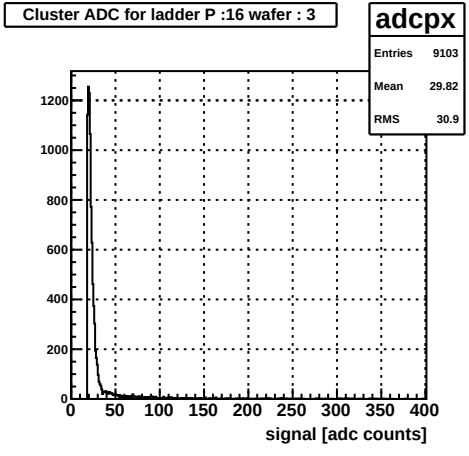

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14507
Mean 32.14
RMS 17.79
signal [adc counts]

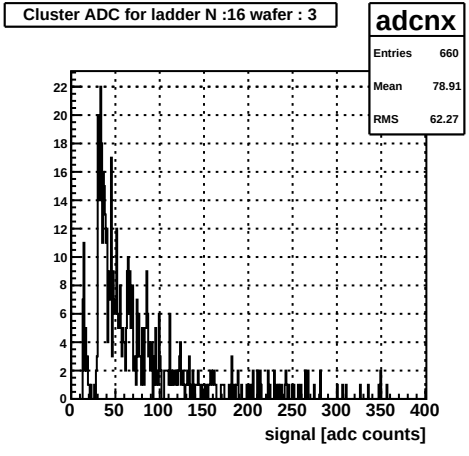

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 7074
Mean 38.88
RMS 37.45
signal [adc counts]

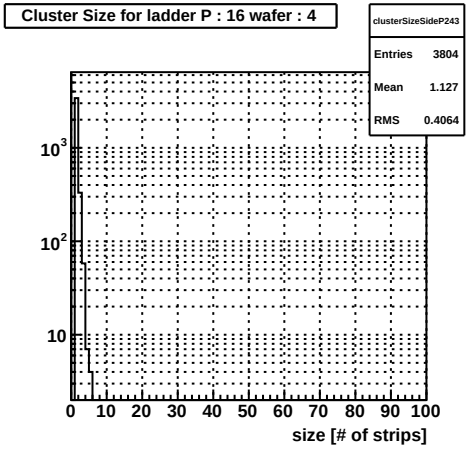

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 9103
Mean 1.081
RMS 0.3389
size [# of strips]

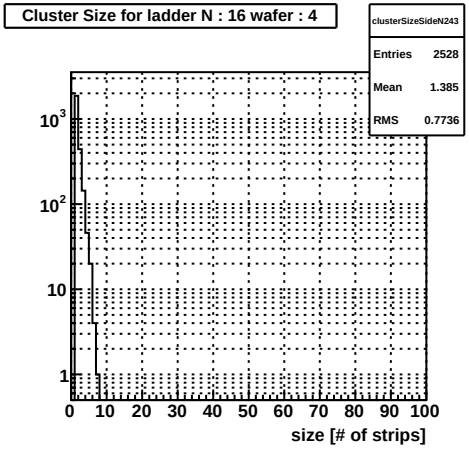

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 660
Mean 1.398
RMS 0.8618
size [# of strips]

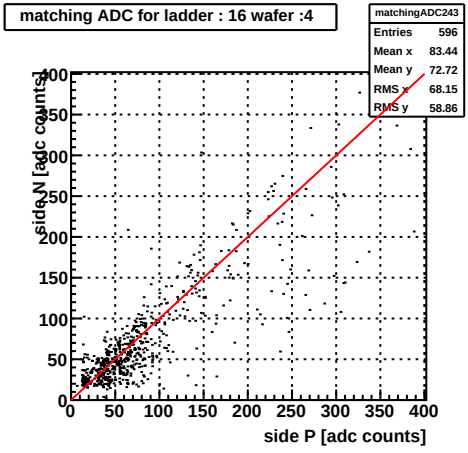

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 464
Mean x 99.85
Mean y 79.06
RMS x 70.52
RMS y 55
side N [adc counts]
side P [adc counts]

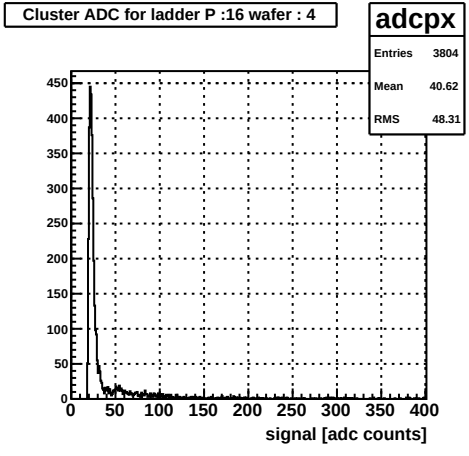

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 9103
Mean 29.82
RMS 30.9
signal [adc counts]

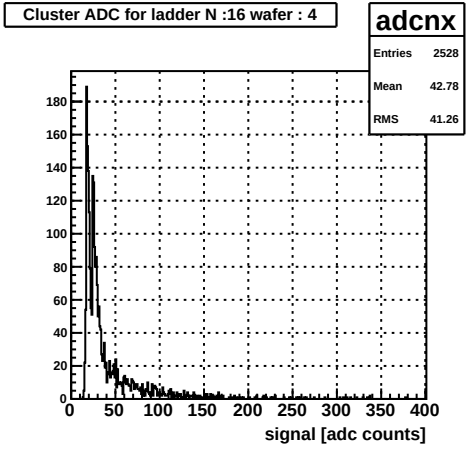

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 660
Mean 78.91
RMS 62.27
signal [adc counts]

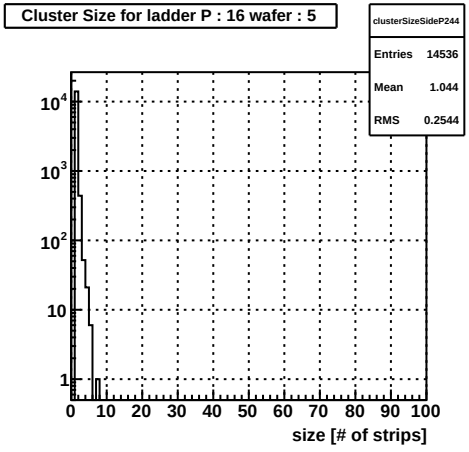

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3804
Mean 1.127
RMS 0.4064
size [# of strips]

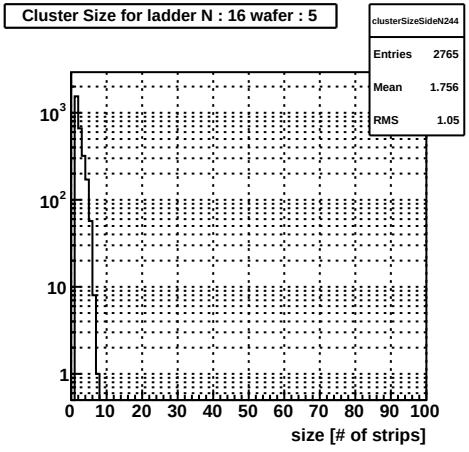

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2528
Mean 1.385
RMS 0.7736
size [# of strips]

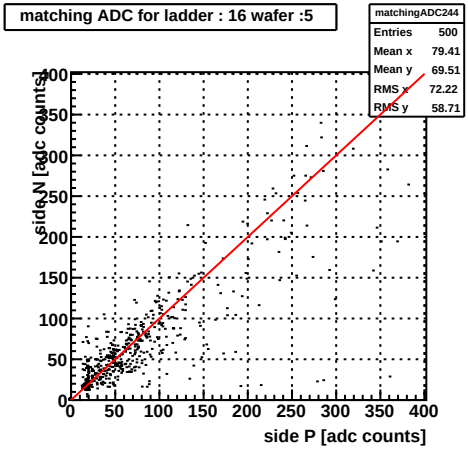

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 596
Mean x 83.44
Mean y 72.72
RMS x 68.15
RMS y 58.86
side N [adc counts]
side P [adc counts]

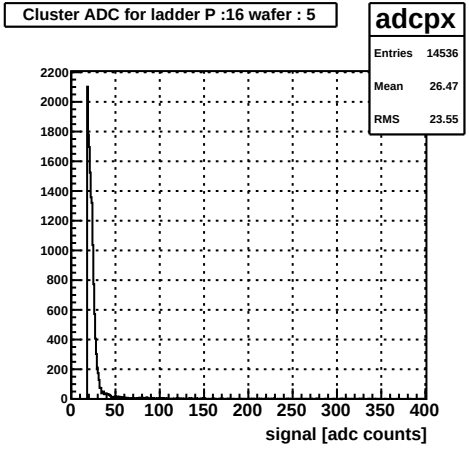

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3804
Mean 40.62
RMS 48.31
signal [adc counts]

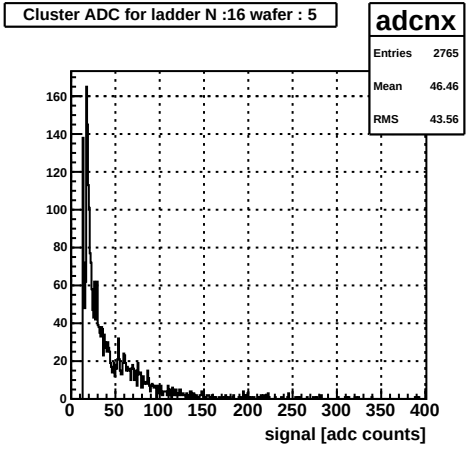

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2528
Mean 42.78
RMS 41.26
signal [adc counts]

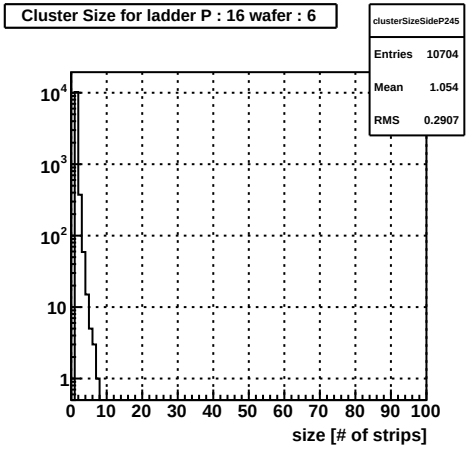

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14536
Mean 1.044
RMS 0.2544
size [# of strips]

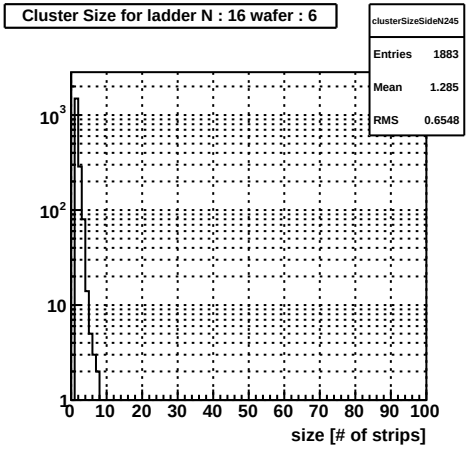

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2765
Mean 1.756
RMS 1.05
size [# of strips]

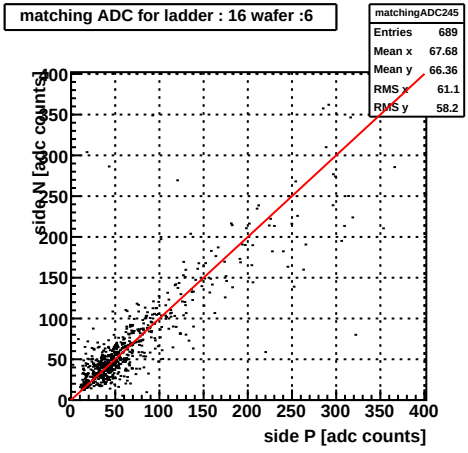

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 500
Mean x 79.41
Mean y 69.51
RMS x 72.22
RMS y 58.71
side N [adc counts]
side P [adc counts]

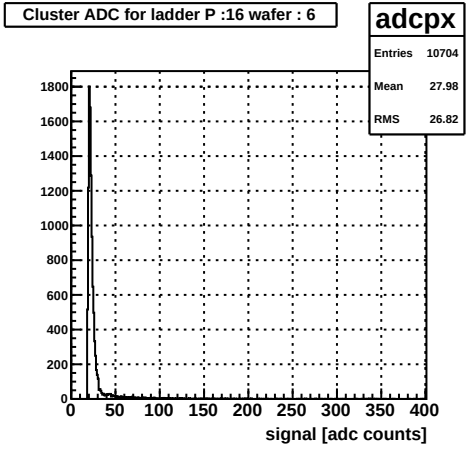

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14536
Mean 26.47
RMS 23.55
signal [adc counts]

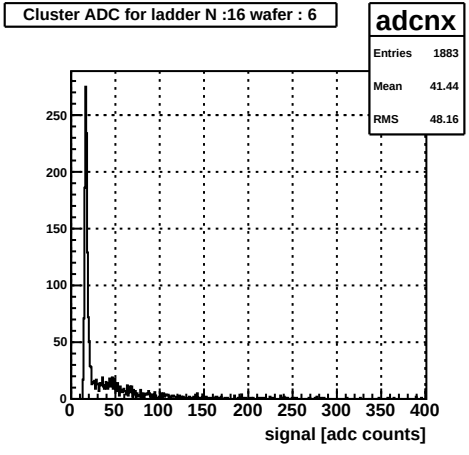

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2765
Mean 46.46
RMS 43.56
signal [adc counts]

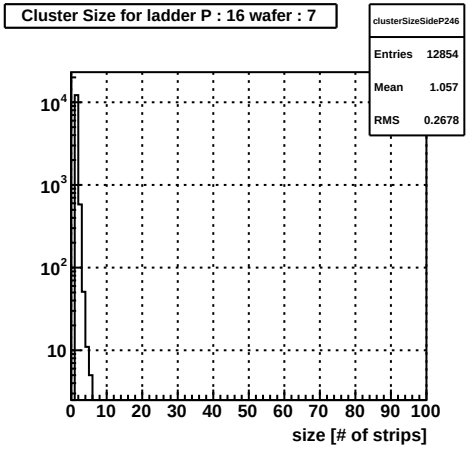

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10704
Mean 1.054
RMS 0.2907
size [# of strips]

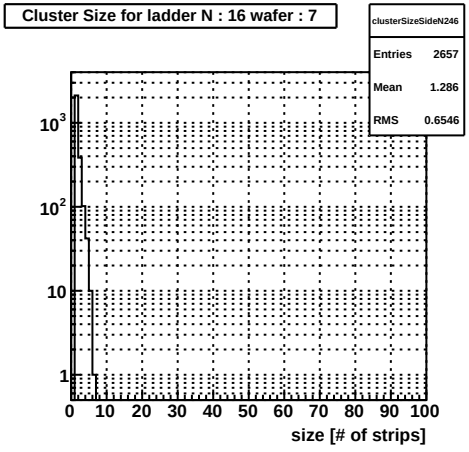

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1883
Mean 1.285
RMS 0.6548
size [# of strips]

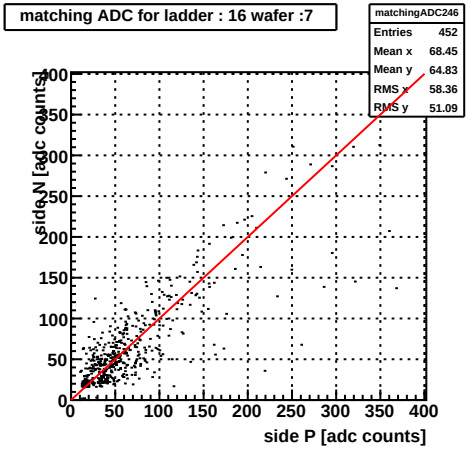

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 689
Mean x 67.68
Mean y 66.36
RMS x 61.1
RMS y 58.2
side N [adc counts]
side P [adc counts]

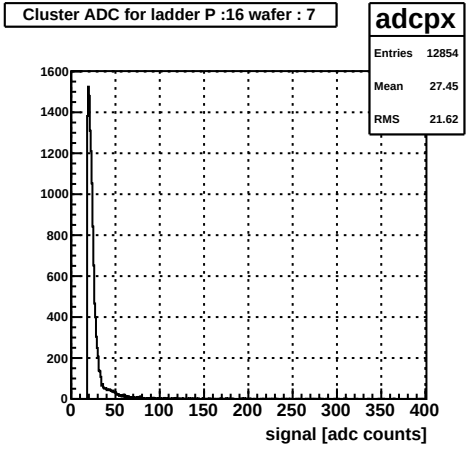

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10704
Mean 27.98
RMS 26.82
signal [adc counts]

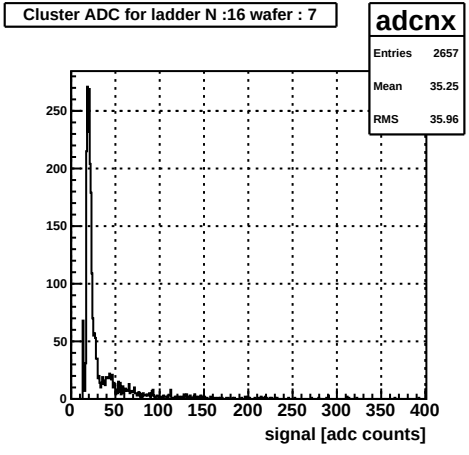

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1883
Mean 41.44
RMS 48.16
signal [adc counts]

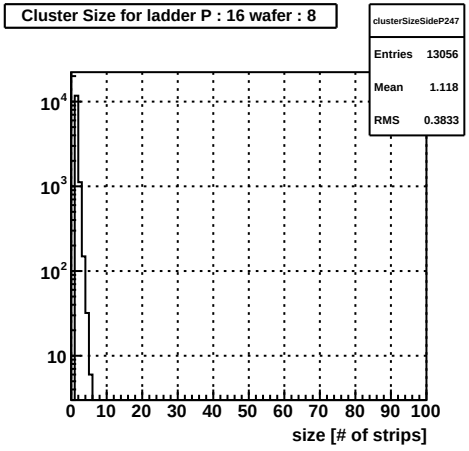

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12854
Mean 1.057
RMS 0.2678
size [# of strips]

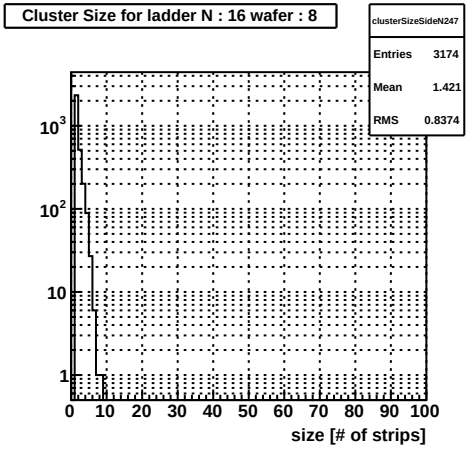

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2657
Mean 1.286
RMS 0.6546
size [# of strips]

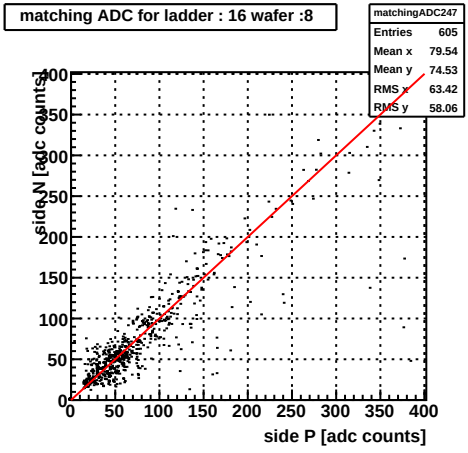

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 452
Mean x 68.45
Mean y 64.83
RMS x 58.36
RMS y 51.09
side N [adc counts]
side P [adc counts]

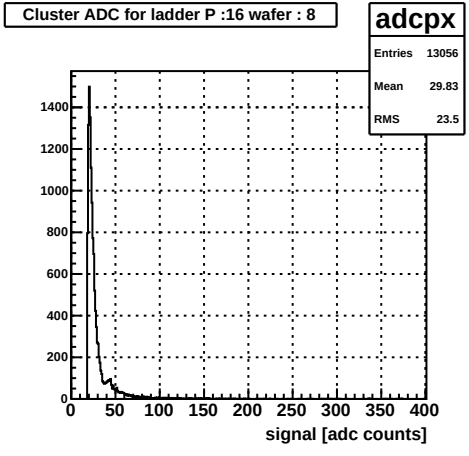

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12854
Mean 27.45
RMS 21.62
signal [adc counts]

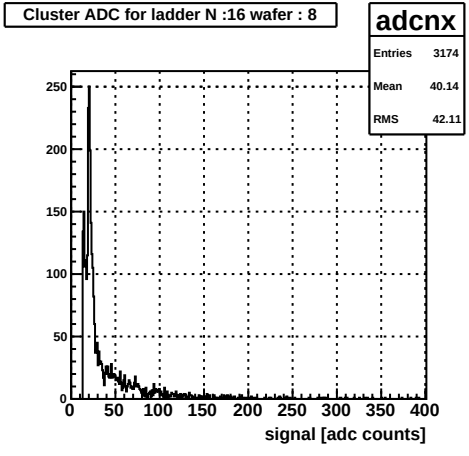

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2657
Mean 35.25
RMS 35.96
signal [adc counts]

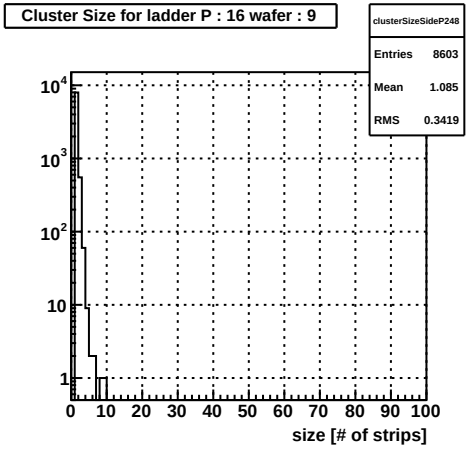

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13056
Mean 1.118
RMS 0.3833
size [# of strips]

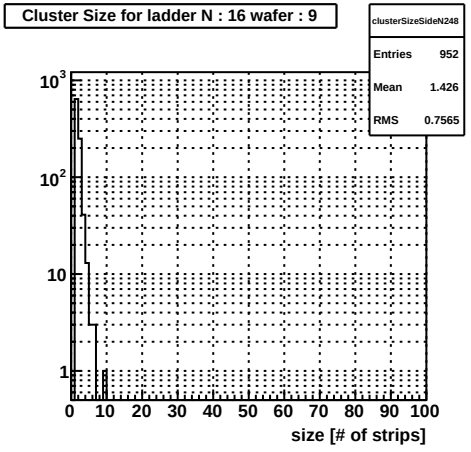

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3174
Mean 1.421
RMS 0.8374
size [# of strips]

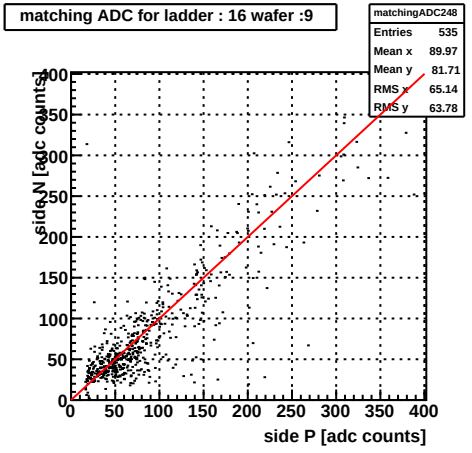

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 605
Mean x 79.54
Mean y 74.53
RMS x 63.42
RMS y 58.06
side N [adc counts]
side P [adc counts]

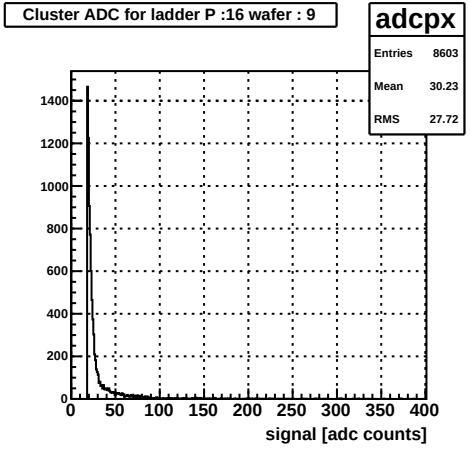

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13056
Mean 29.83
RMS 23.5
signal [adc counts]

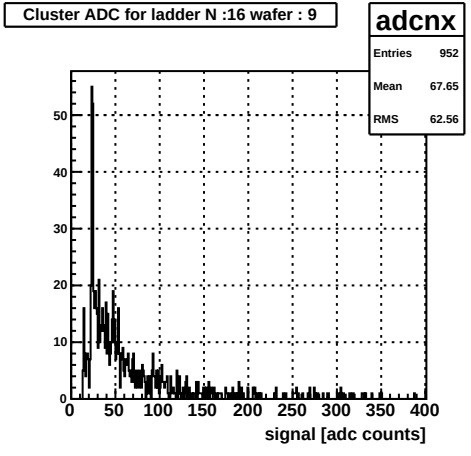

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3174
Mean 40.14
RMS 42.11
signal [adc counts]

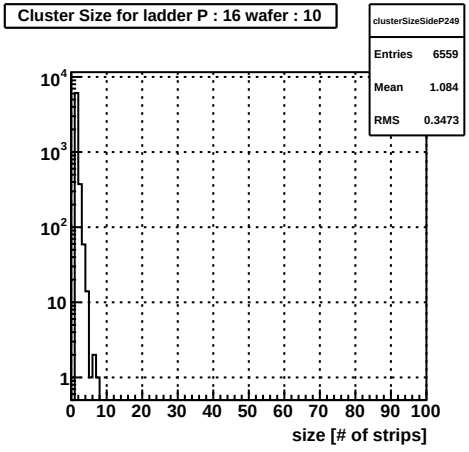

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8603
Mean 1.085
RMS 0.3419
size [# of strips]

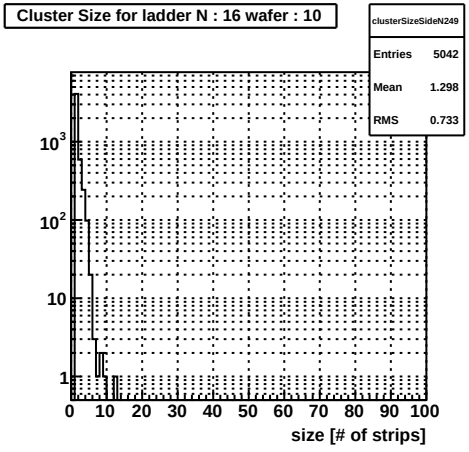

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 952
Mean 1.426
RMS 0.7565
size [# of strips]

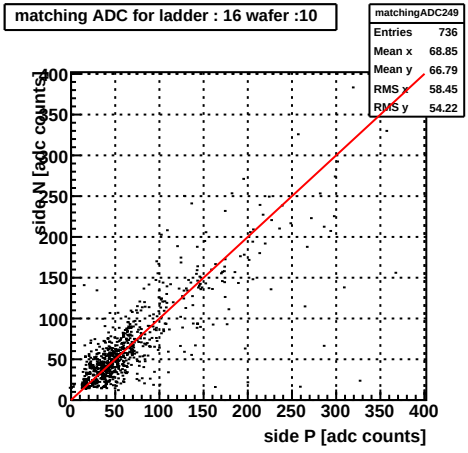

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 535
Mean x 89.97
Mean y 81.71
RMS x 65.14
RMS y 63.78
side N [adc counts]
side P [adc counts]

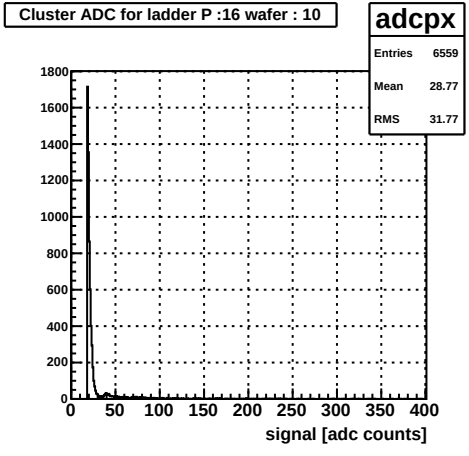

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8603
Mean 30.23
RMS 27.72
signal [adc counts]

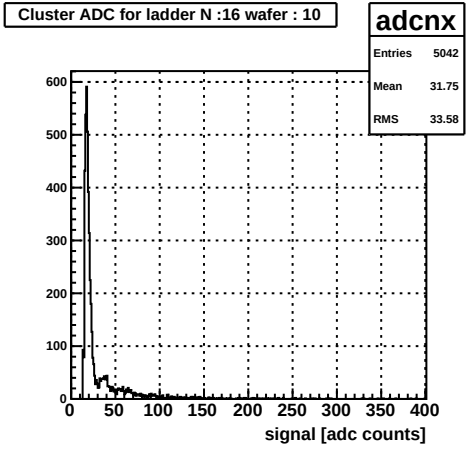

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 952
Mean 67.65
RMS 62.56
signal [adc counts]

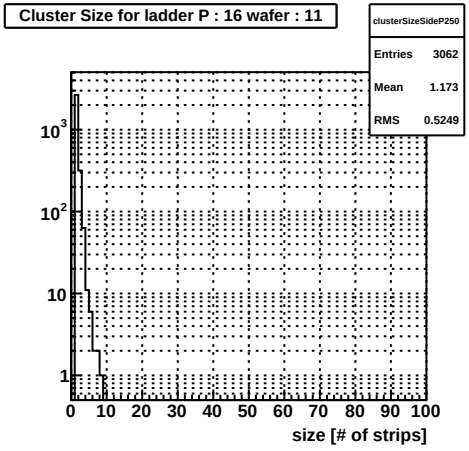

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6559
Mean 1.084
RMS 0.3473
size [# of strips]

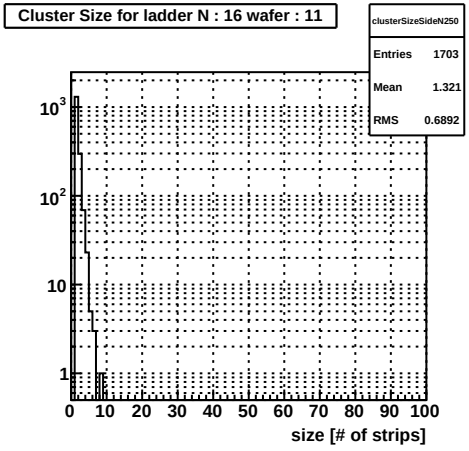

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5042
Mean 1.298
RMS 0.733
size [# of strips]

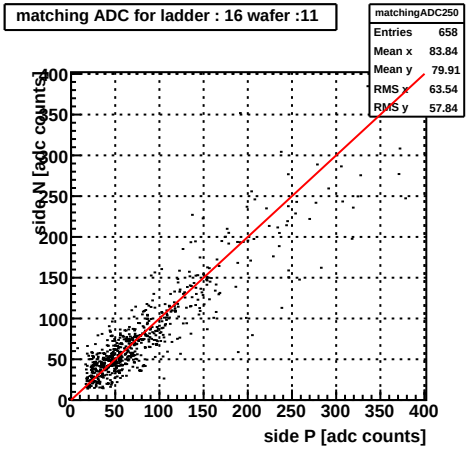

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 736
Mean x 68.85
Mean y 66.79
RMS x 58.45
RMS y 54.22
side N [adc counts]
side P [adc counts]

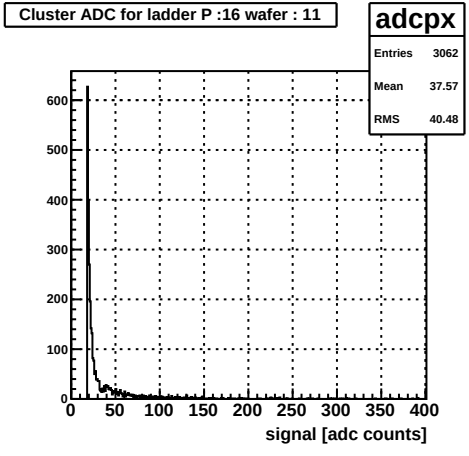

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6559
Mean 28.77
RMS 31.77
signal [adc counts]

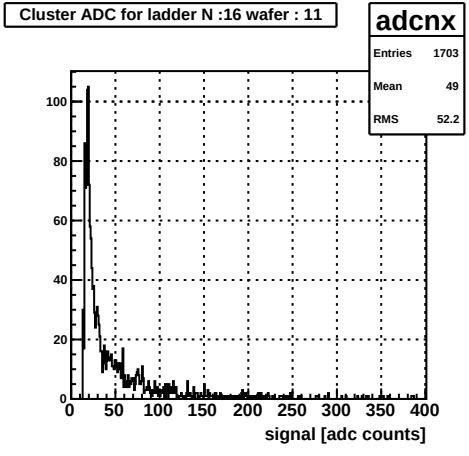

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5042
Mean 31.75
RMS 33.58
signal [adc counts]

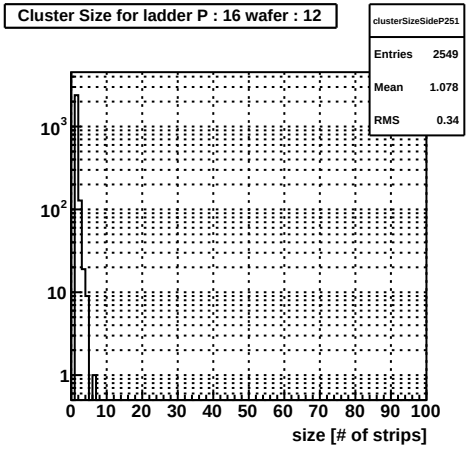

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3062
Mean 1.173
RMS 0.5249
size [# of strips]

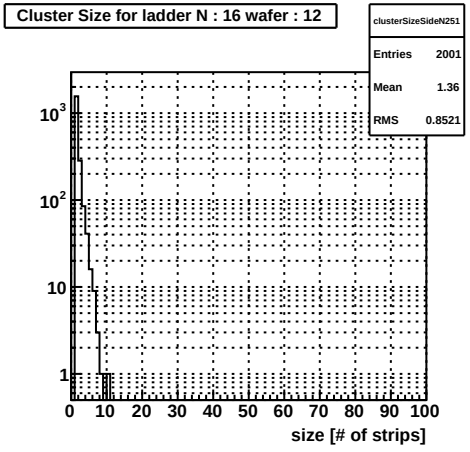

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1703
Mean 1.321
RMS 0.6892
size [# of strips]

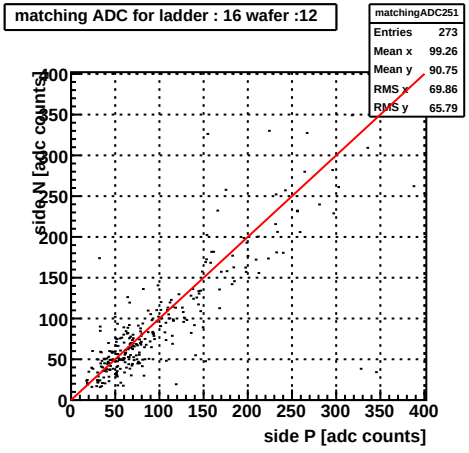

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 658
Mean x 83.84
Mean y 79.91
RMS x 63.54
RMS y 57.84
side N [adc counts]
side P [adc counts]

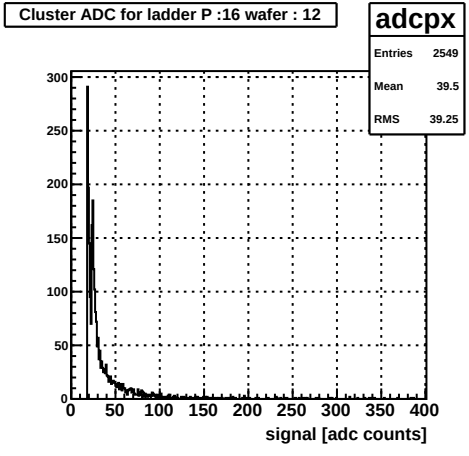

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3062
Mean 37.57
RMS 40.48
signal [adc counts]

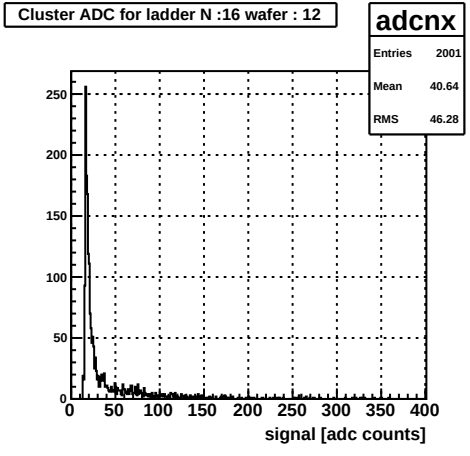

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1703
Mean 49
RMS 52.2
signal [adc counts]

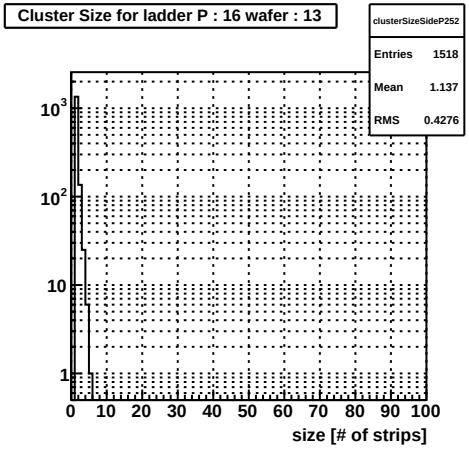

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2549
Mean 1.078
RMS 0.34
size [# of strips]

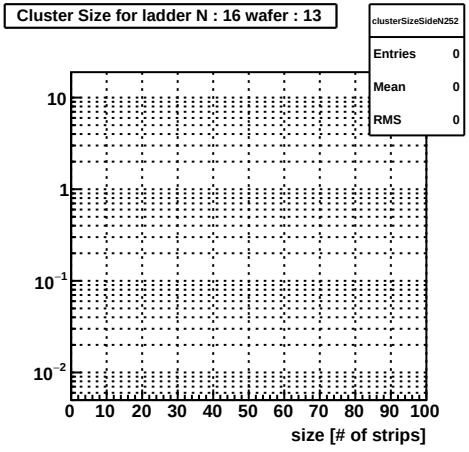

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2001
Mean 1.36
RMS 0.8521
size [# of strips]

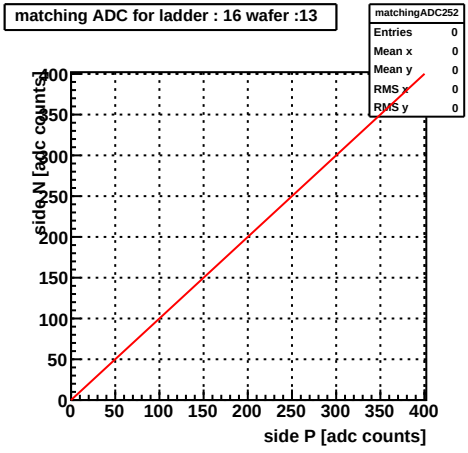

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 273
Mean x 99.26
Mean y 90.75
RMS x 69.86
RMS y 65.79
side N [adc counts]
side P [adc counts]

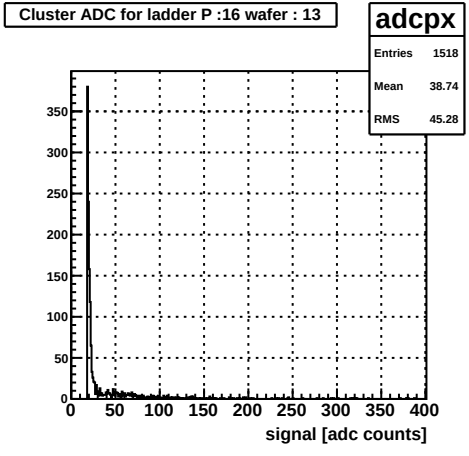

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2549
Mean 39.5
RMS 39.25
signal [adc counts]

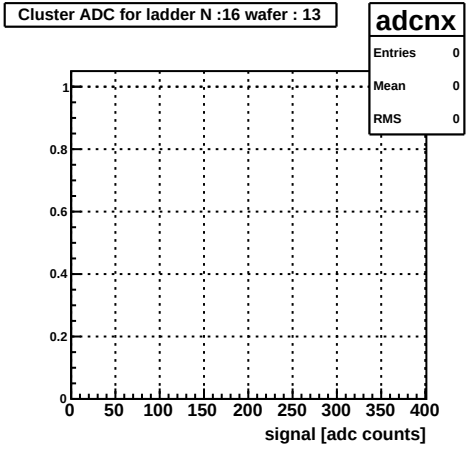

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2001
Mean 40.64
RMS 46.28
signal [adc counts]

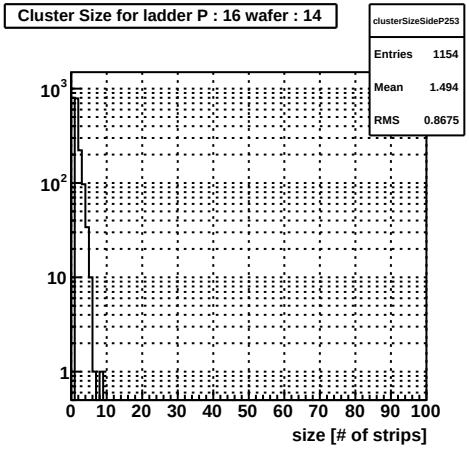

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1518
Mean 1.137
RMS 0.4276
size [# of strips]

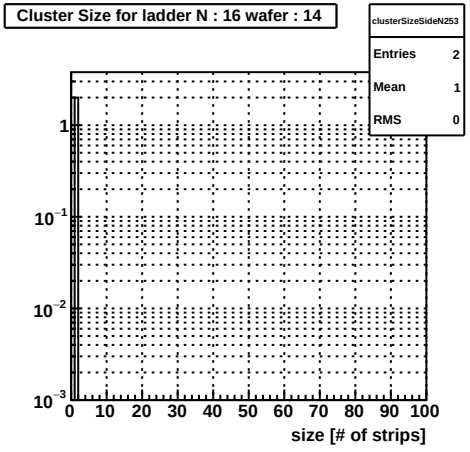

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

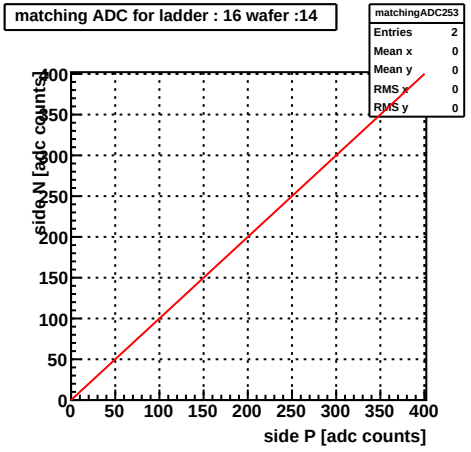

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

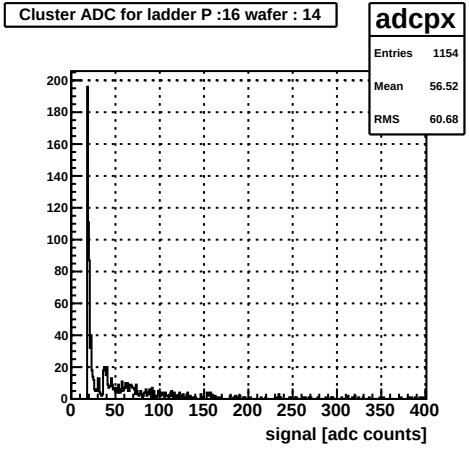

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1518
Mean 38.74
RMS 45.28
signal [adc counts]

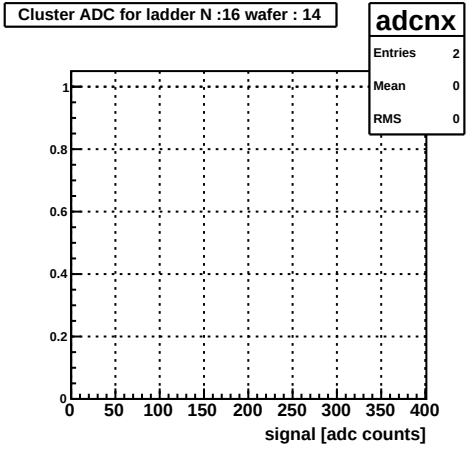

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

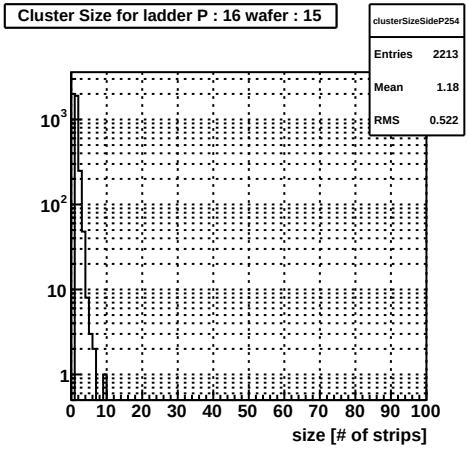

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1154
Mean 1.494
RMS 0.8675
size [# of strips]

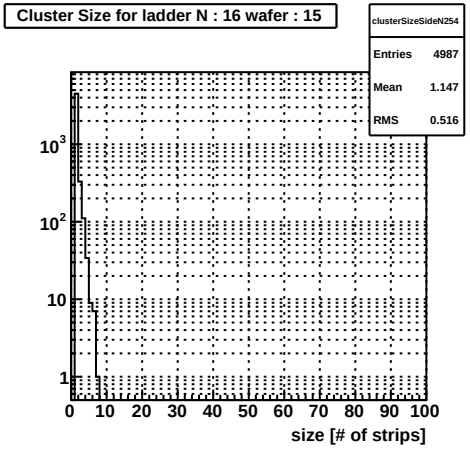

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

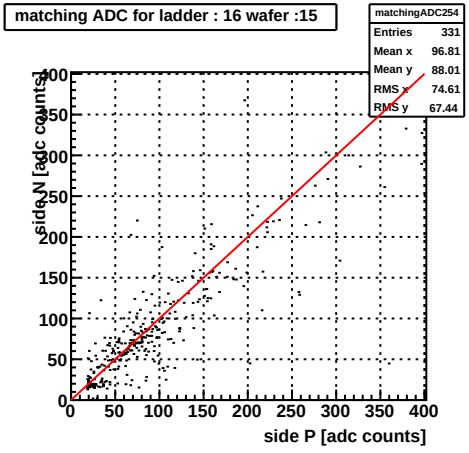

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

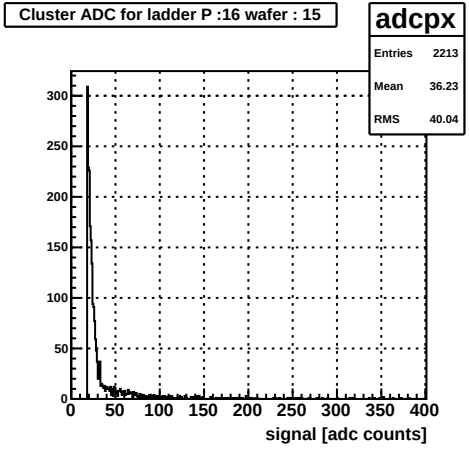

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1154
Mean 56.52
RMS 60.68
signal [adc counts]

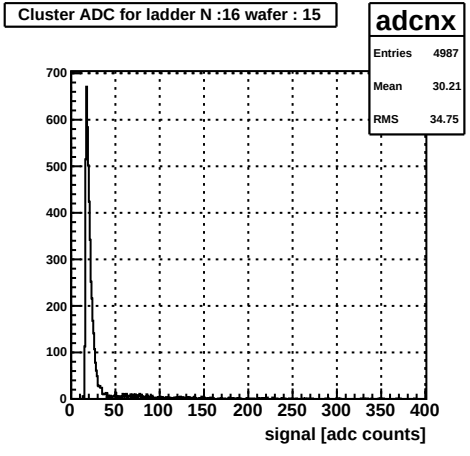

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

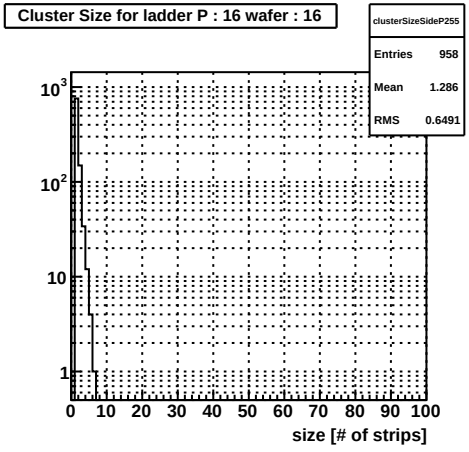

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2213
Mean 1.18
RMS 0.522
size [# of strips]

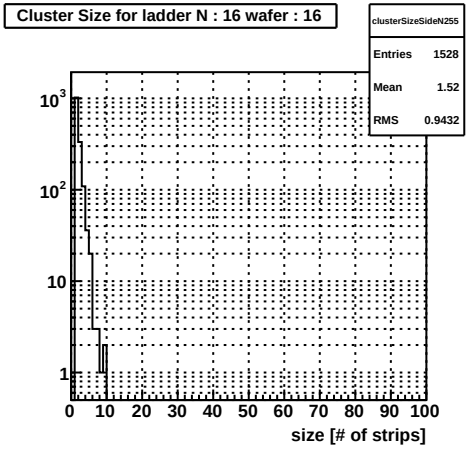

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4987
Mean 1.147
RMS 0.516
size [# of strips]

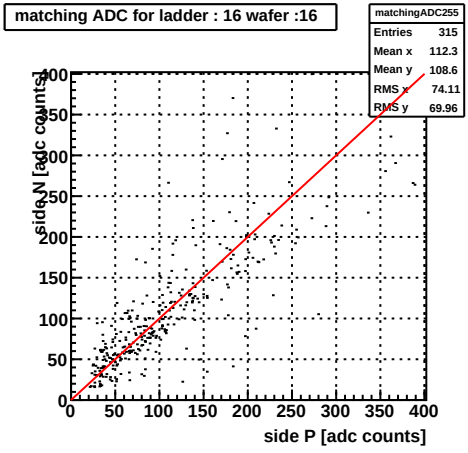

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 331
Mean x 96.81
Mean y 88.01
RMS x 74.61
RMS y 67.44
side N [adc counts]
side P [adc counts]

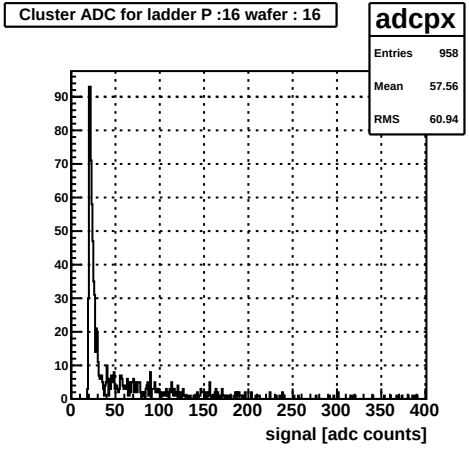

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2213
Mean 36.23
RMS 40.04
signal [adc counts]

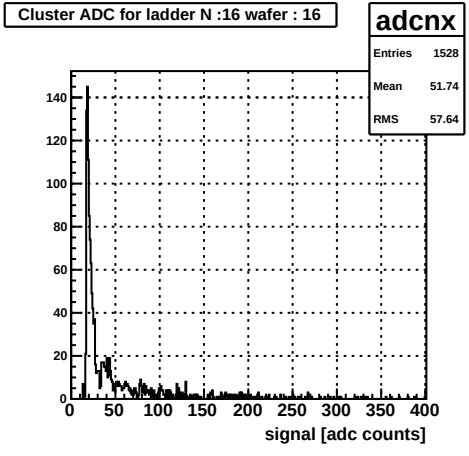

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4987
Mean 30.21
RMS 34.75
signal [adc counts]

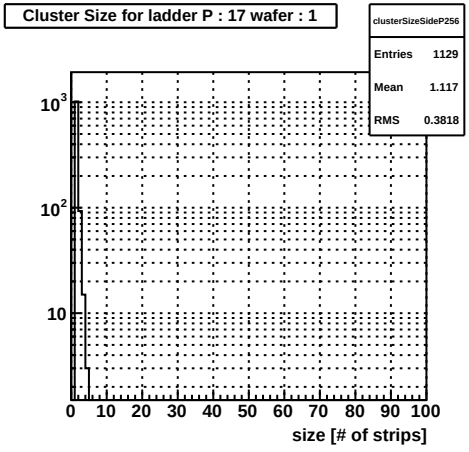

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 958
Mean 1.286
RMS 0.6491
size [# of strips]

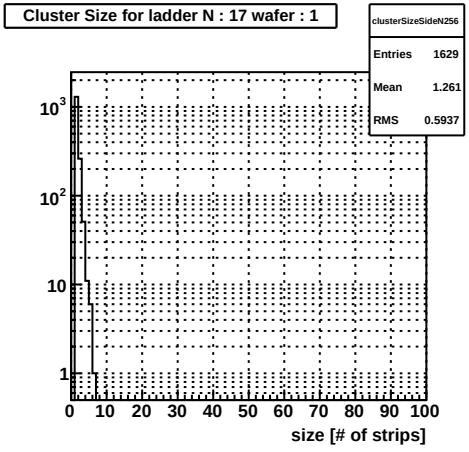

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1528
Mean 1.52
RMS 0.9432
size [# of strips]

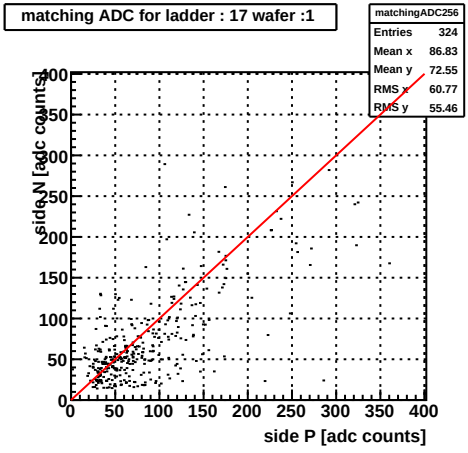

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 315
Mean x 112.3
Mean y 108.6
RMS x 74.11
RMS y 69.96
side N [adc counts]
side P [adc counts]

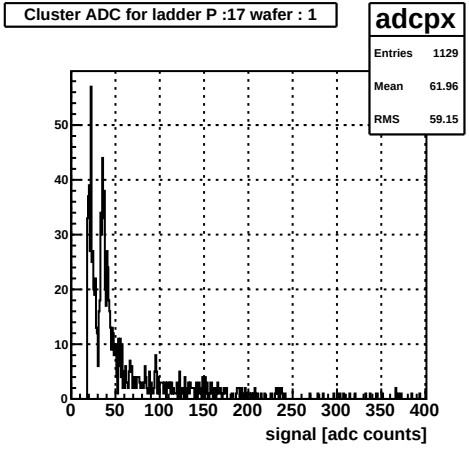

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 958
Mean 57.56
RMS 60.94
signal [adc counts]

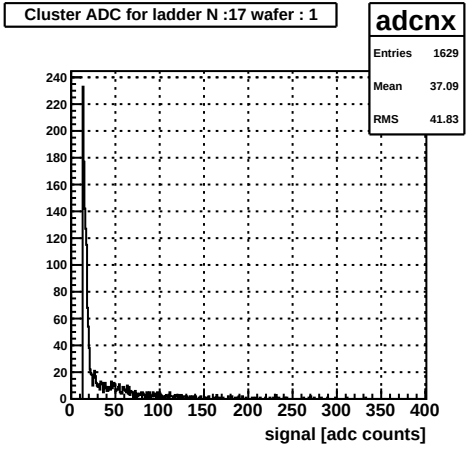

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1528
Mean 51.74
RMS 57.64
signal [adc counts]

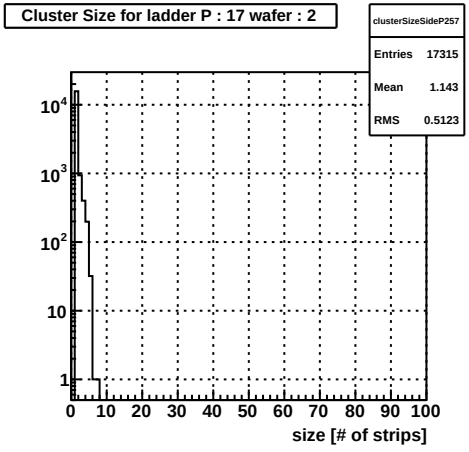

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1129
Mean 1.117
RMS 0.3818
size [# of strips]

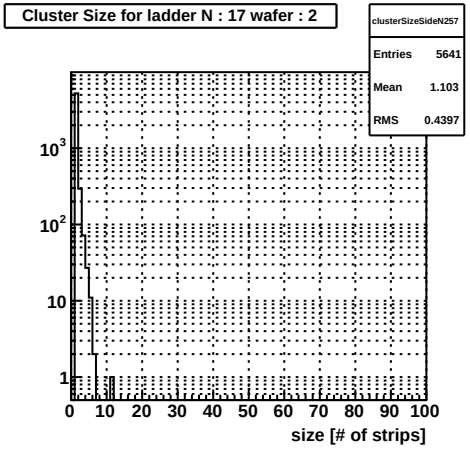

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1629
Mean 1.261
RMS 0.5937
size [# of strips]

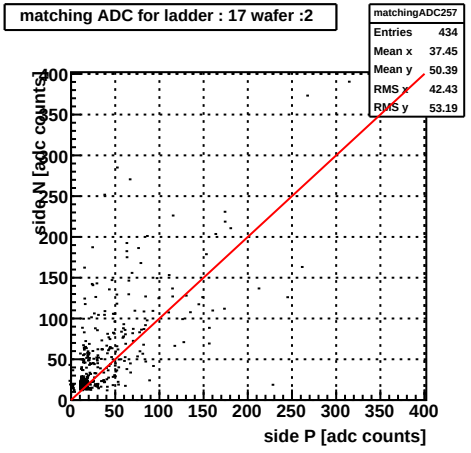

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 324
Mean x 86.83
Mean y 72.55
RMS x 60.77
RMS y 55.46
side N [adc counts]
side P [adc counts]

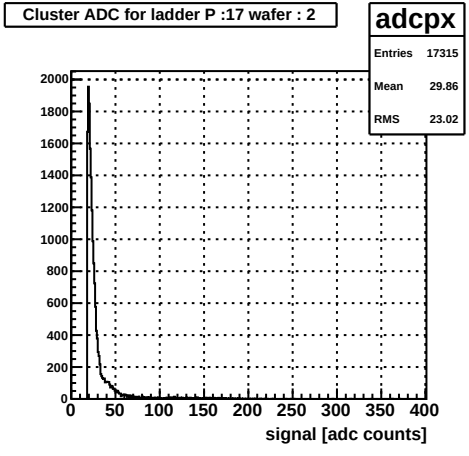

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1129
Mean 61.96
RMS 59.15
signal [adc counts]

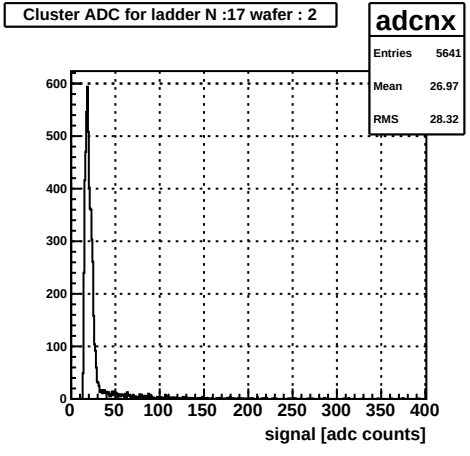

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1629
Mean 37.09
RMS 41.83
signal [adc counts]

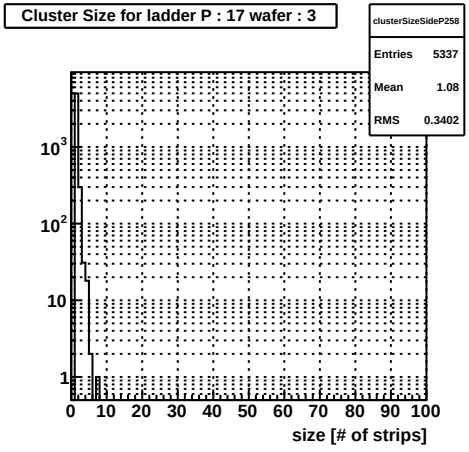

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 17315
Mean 1.143
RMS 0.5123
size [# of strips]

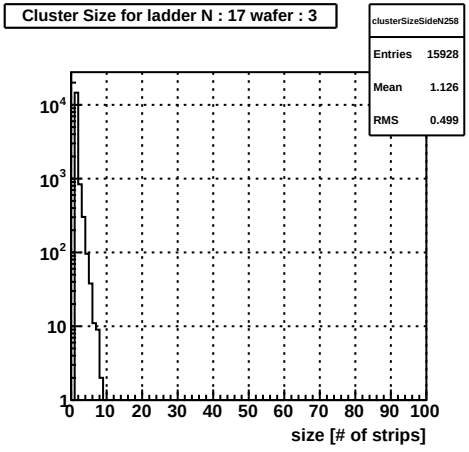

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5641
Mean 1.103
RMS 0.4397
size [# of strips]

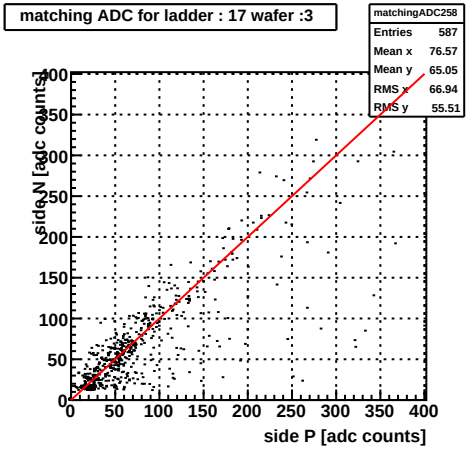

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 434
Mean x 37.45
Mean y 50.39
RMS x 42.43
RMS y 53.19
side N [adc counts]
side P [adc counts]

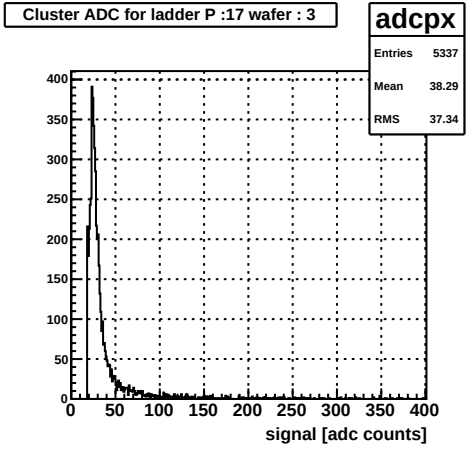

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 17315
Mean 29.86
RMS 23.02
signal [adc counts]

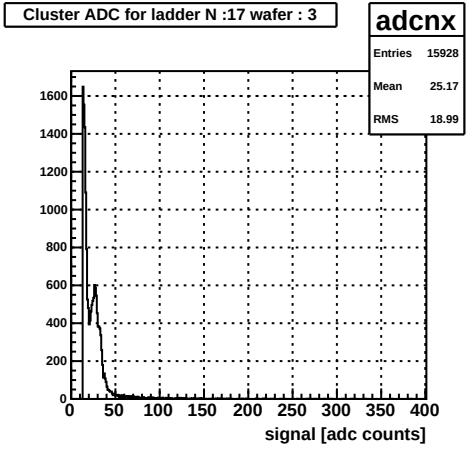

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5641
Mean 26.97
RMS 28.32
signal [adc counts]

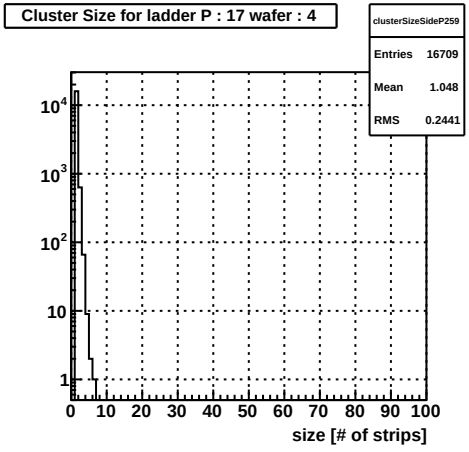

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5337
Mean 1.08
RMS 0.3402
size [# of strips]

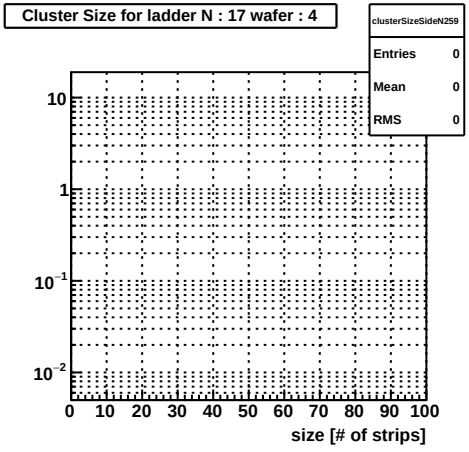

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15928
Mean 1.126
RMS 0.499
size [# of strips]

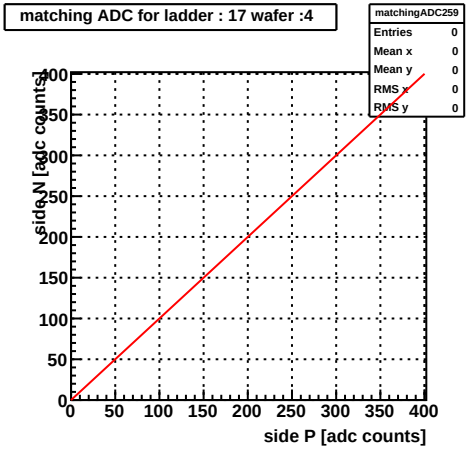

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 587
Mean x 76.57
Mean y 65.05
RMS x 66.94
RMS y 55.51
side N [adc counts]
side P [adc counts]

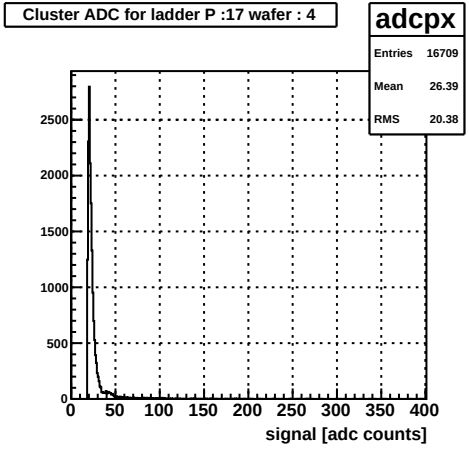

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5337
Mean 38.29
RMS 37.34
signal [adc counts]

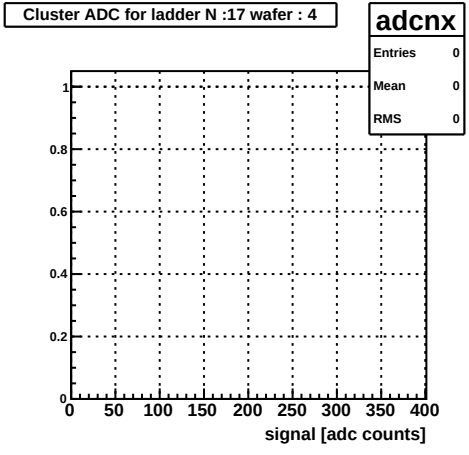

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15928
Mean 25.17
RMS 18.99
signal [adc counts]

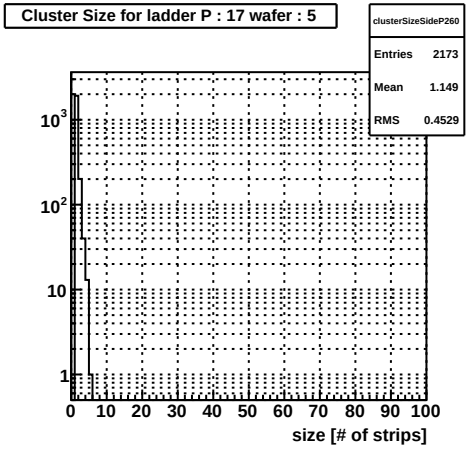

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 16709
Mean 1.048
RMS 0.2441
size [# of strips]

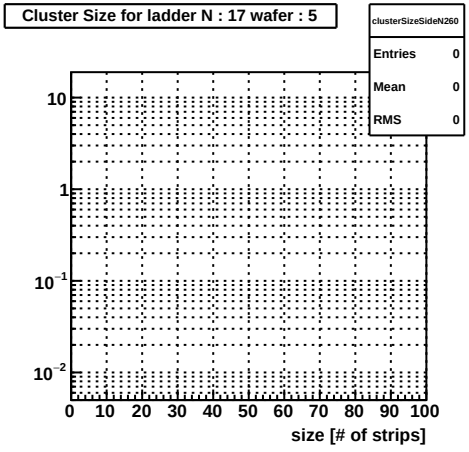

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

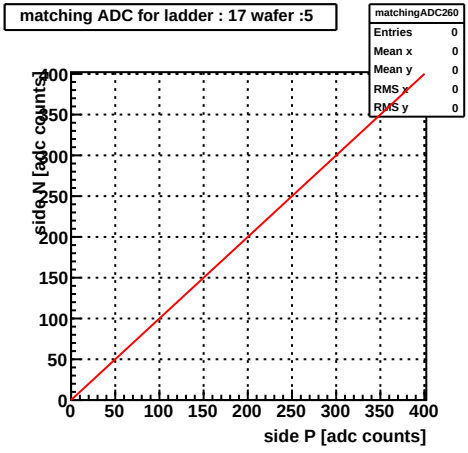

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

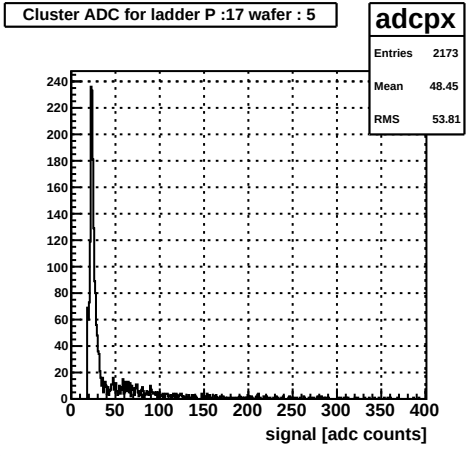

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 16709
Mean 26.39
RMS 20.38
signal [adc counts]

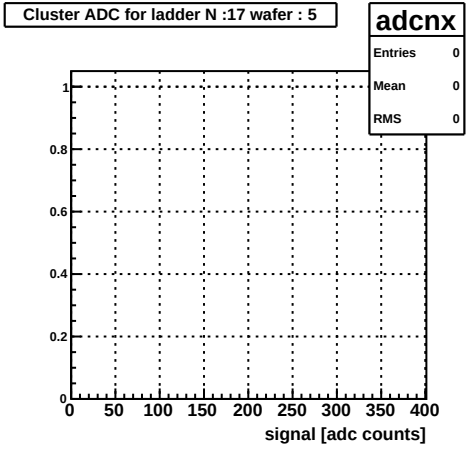

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

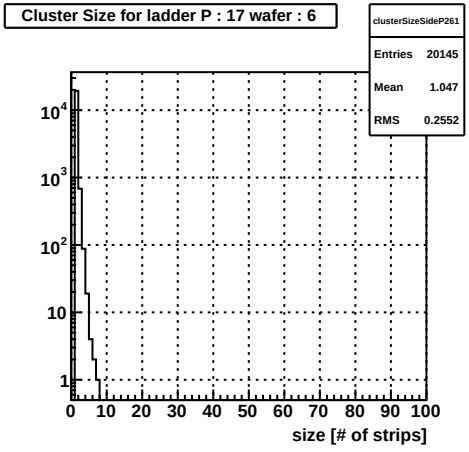

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2173
Mean 1.149
RMS 0.4529
size [# of strips]

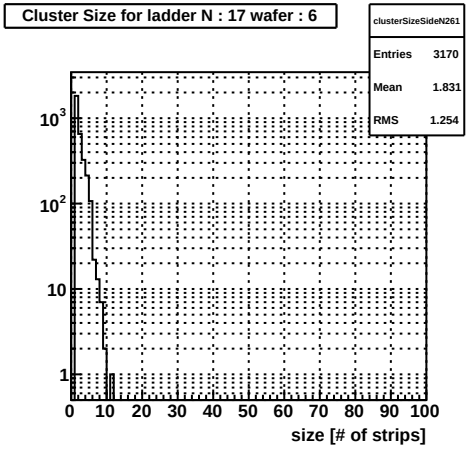

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

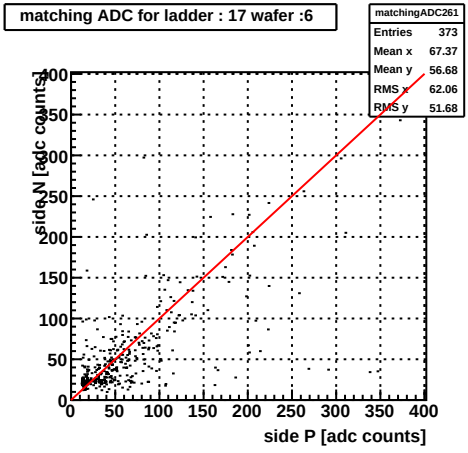

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

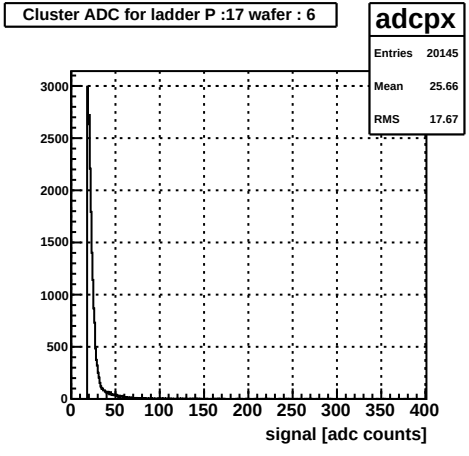

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2173
Mean 48.45
RMS 53.81
signal [adc counts]

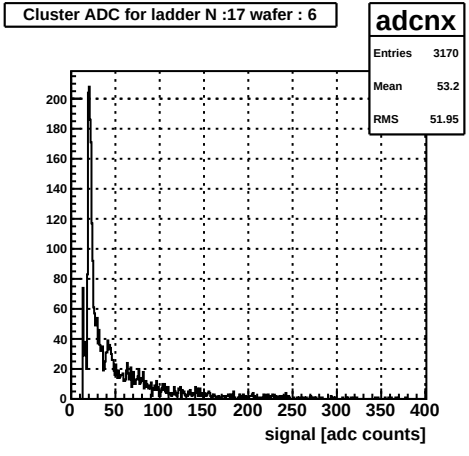

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

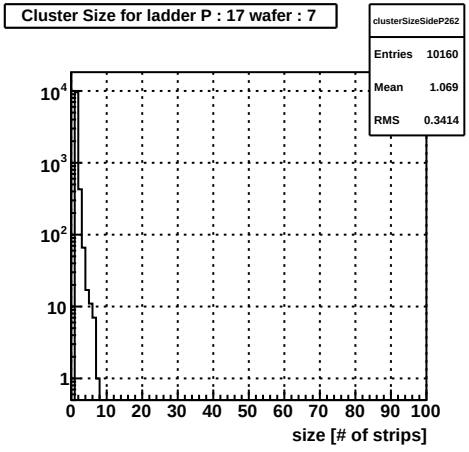

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 20145
Mean 1.047
RMS 0.2552
size [# of strips]

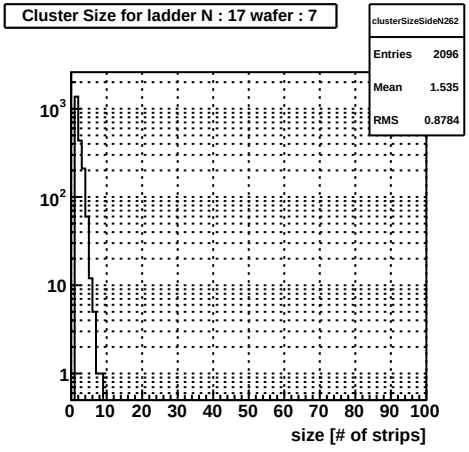

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3170
Mean 1.831
RMS 1.254
size [# of strips]

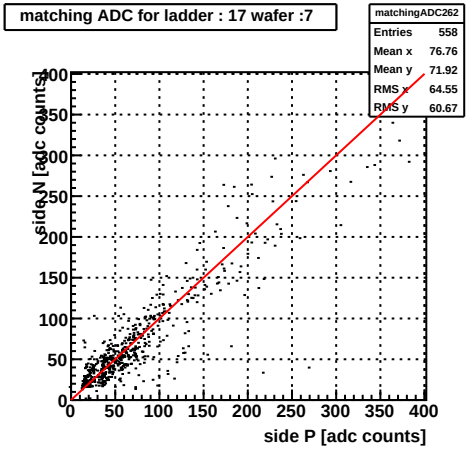

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 373
Mean x 67.37
Mean y 56.68
RMS x 62.06
RMS y 51.68
side N [adc counts]
side P [adc counts]

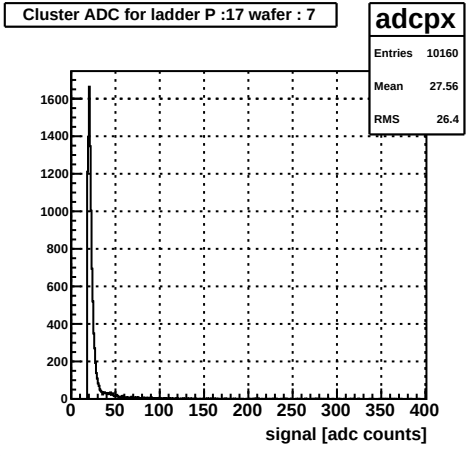

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 20145
Mean 25.66
RMS 17.67
signal [adc counts]

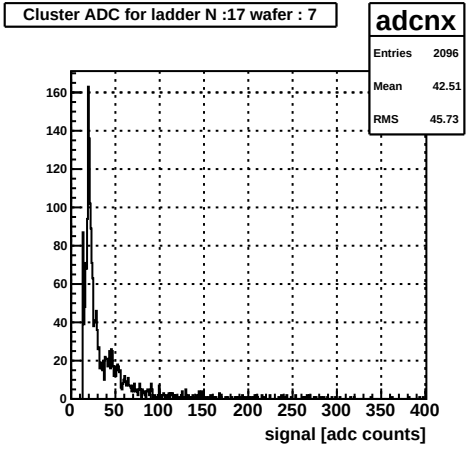

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3170
Mean 53.2
RMS 51.95
signal [adc counts]

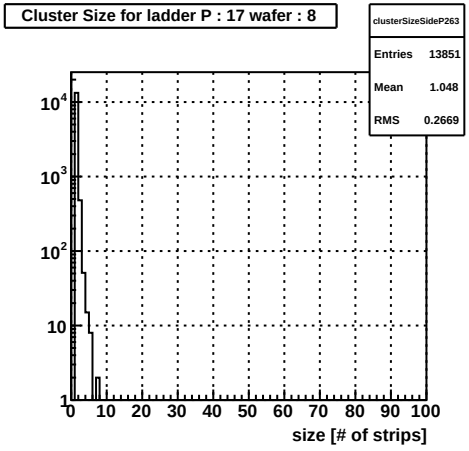

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10160
Mean 1.069
RMS 0.3414
size [# of strips]

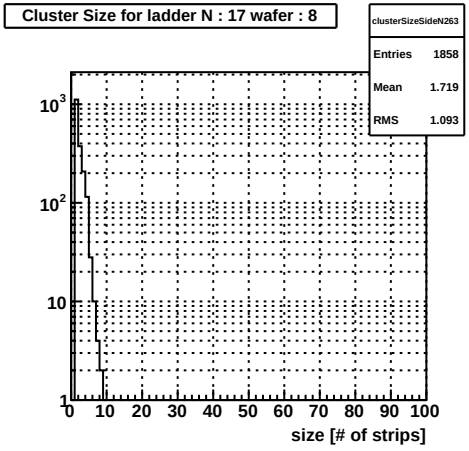

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2096
Mean 1.535
RMS 0.8784
size [# of strips]

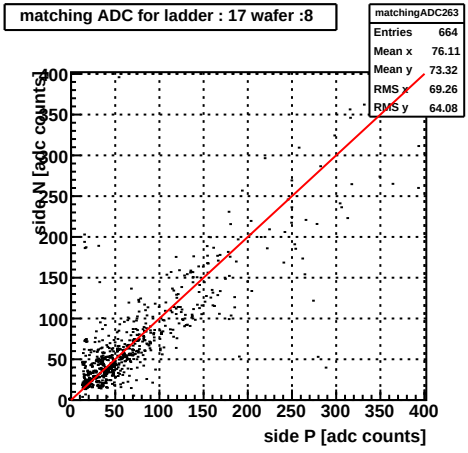

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 558
Mean x 76.76
Mean y 71.92
RMS x 64.55
RMS y 60.67
side N [adc counts]
side P [adc counts]

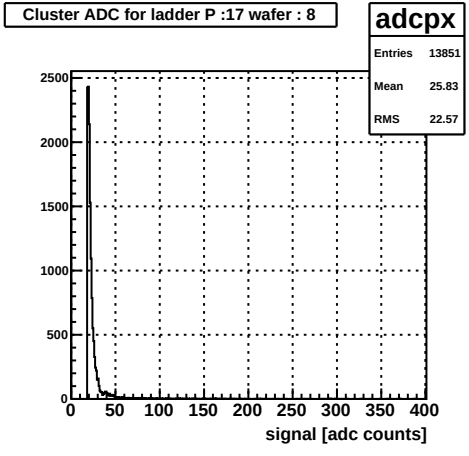

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10160
Mean 27.56
RMS 26.4
signal [adc counts]

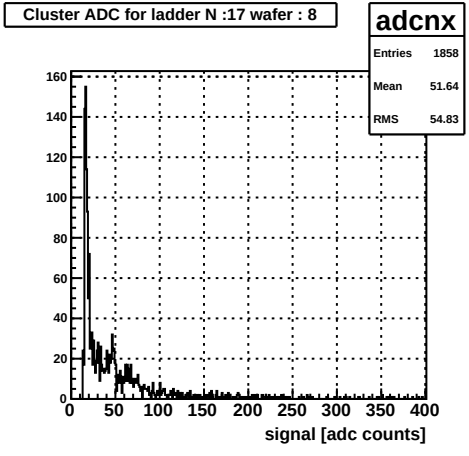

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2096
Mean 42.51
RMS 45.73
signal [adc counts]

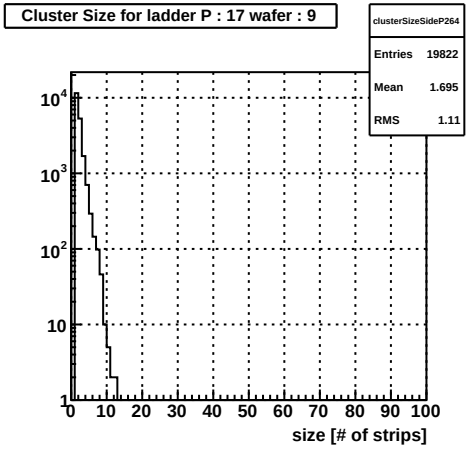

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13851
Mean 1.048
RMS 0.2669
size [# of strips]

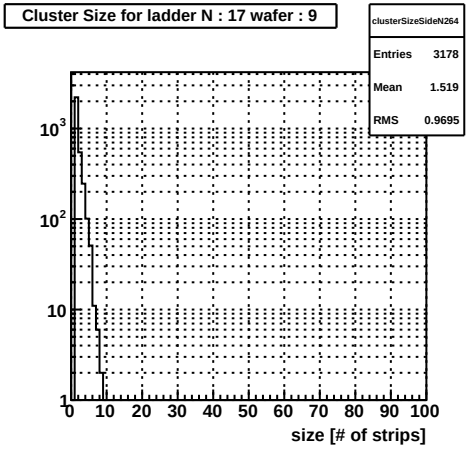

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1858
Mean 1.719
RMS 1.093
size [# of strips]

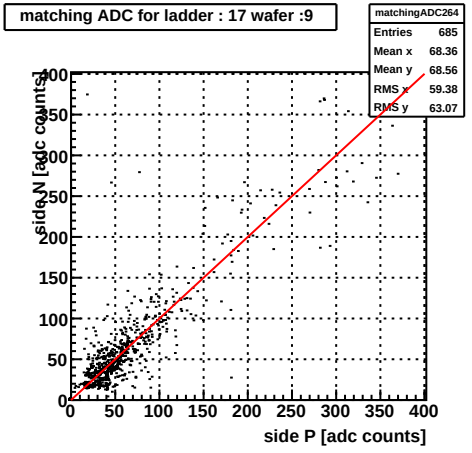

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 664
Mean x 76.11
Mean y 73.32
RMS x 69.26
RMS y 64.08
side N [adc counts]
side P [adc counts]

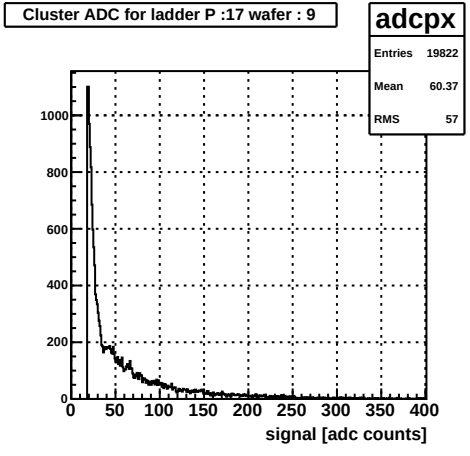

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13851
Mean 25.83
RMS 22.57
signal [adc counts]

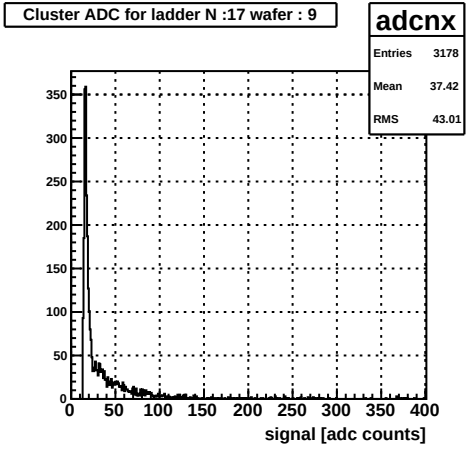

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1858
Mean 51.64
RMS 54.83
signal [adc counts]

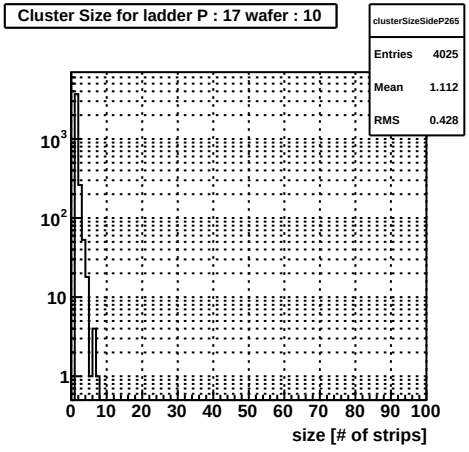

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19822
Mean 1.695
RMS 1.11
size [# of strips]

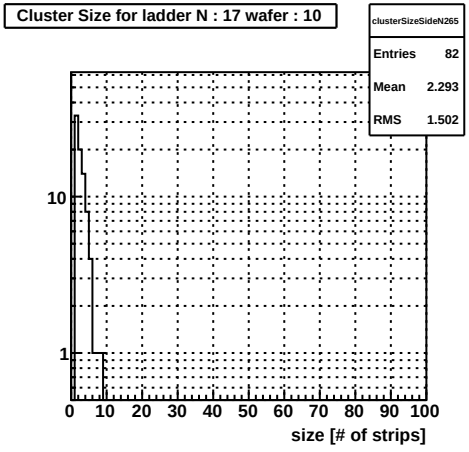

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3178
Mean 1.519
RMS 0.9695
size [# of strips]

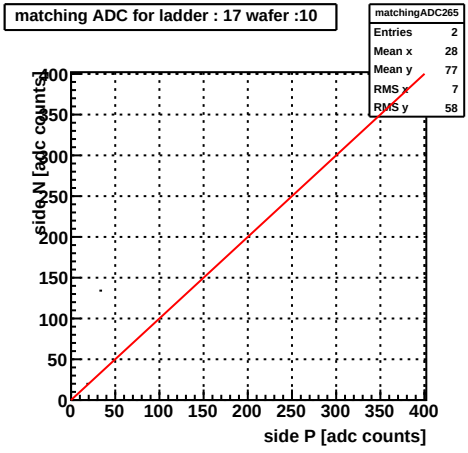

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 685
Mean x 68.36
Mean y 68.56
RMS x 59.38
RMS y 63.07
side N [adc counts]
side P [adc counts]

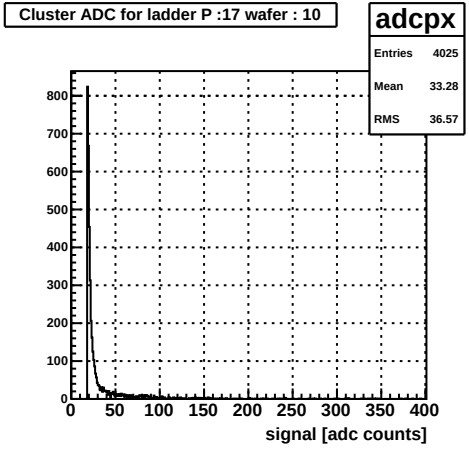

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19822
Mean 60.37
RMS 57
signal [adc counts]

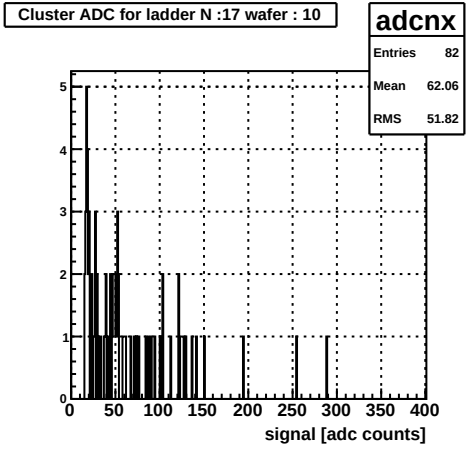

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3178
Mean 37.42
RMS 43.01
signal [adc counts]

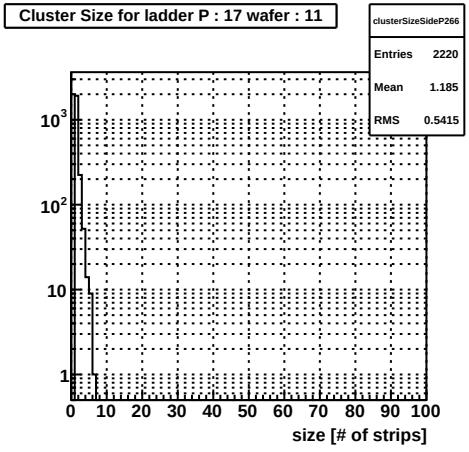

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4025
Mean 1.112
RMS 0.428
size [# of strips]

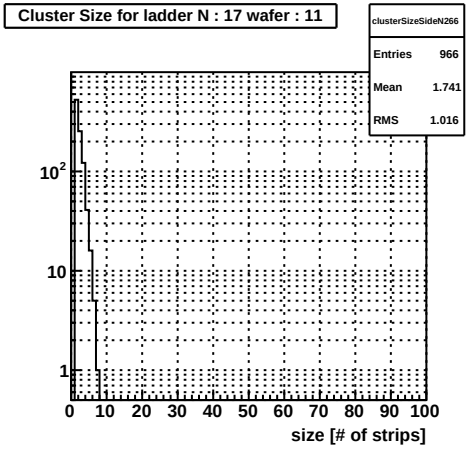

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 82
Mean 2.293
RMS 1.502
size [# of strips]

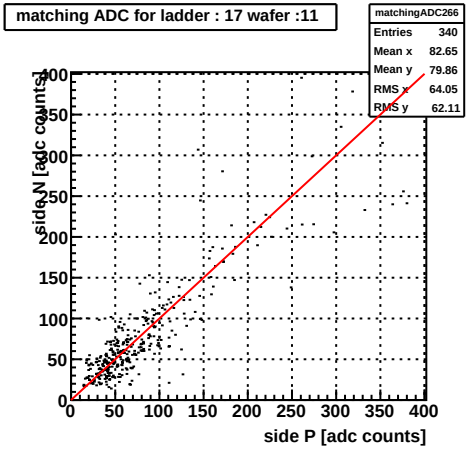

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 28
Mean y 77
RMS x 7
RMS y 58
side N [adc counts]
side P [adc counts]

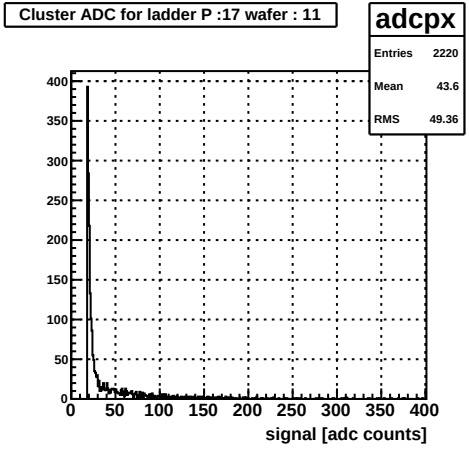

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4025
Mean 33.28
RMS 36.57
signal [adc counts]

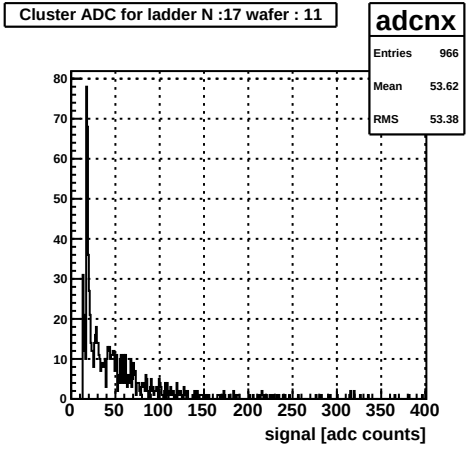

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 82
Mean 62.06
RMS 51.82
signal [adc counts]

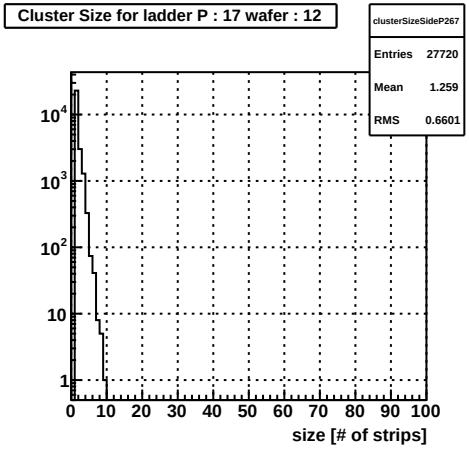

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2220
Mean 1.185
RMS 0.5415
size [# of strips]

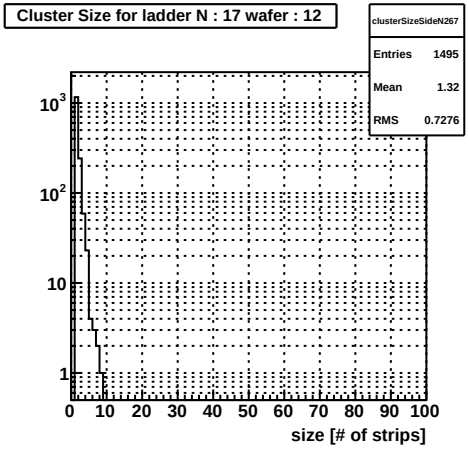

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 966
Mean 1.741
RMS 1.016
size [# of strips]

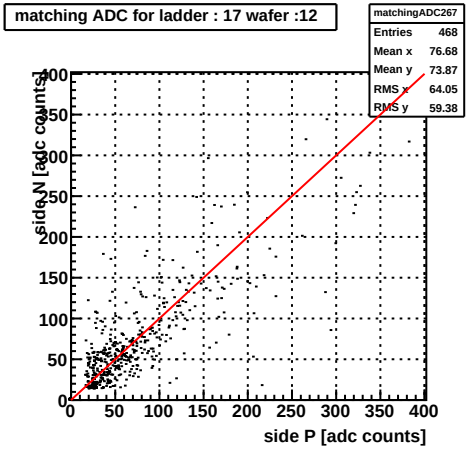

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 340
Mean x 82.65
Mean y 79.86
RMS x 64.05
RMS y 62.11
side N [adc counts]
side P [adc counts]

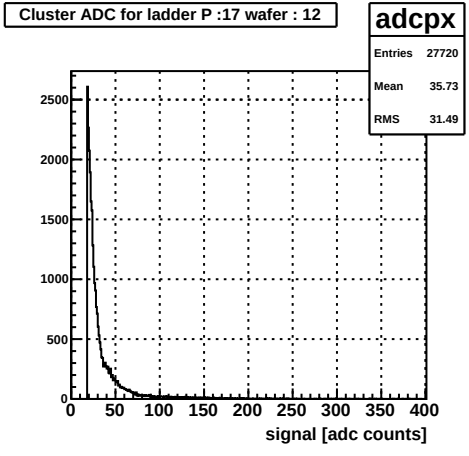

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2220
Mean 43.6
RMS 49.36
signal [adc counts]

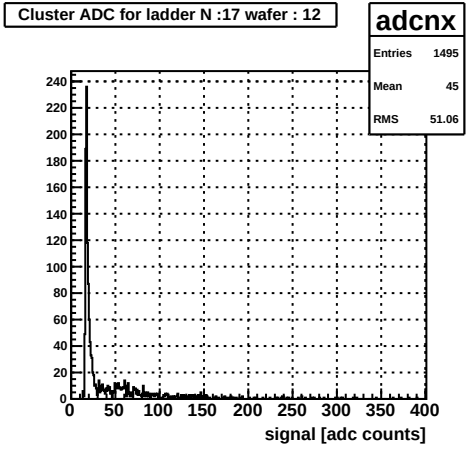

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 966
Mean 53.62
RMS 53.38
signal [adc counts]

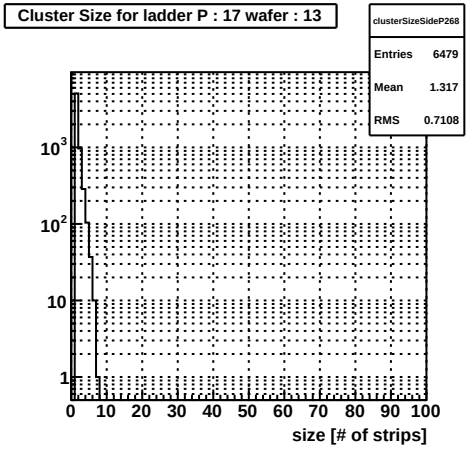

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 27720
Mean 1.259
RMS 0.6601
size [# of strips]

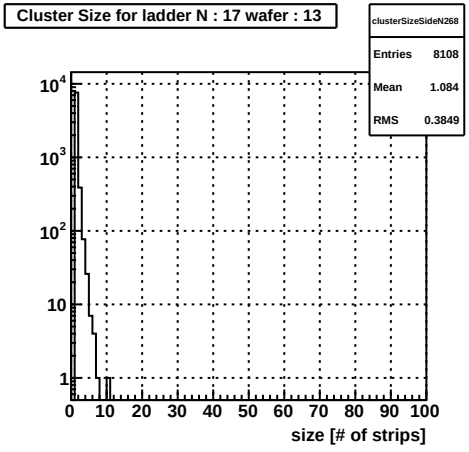

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1495
Mean 1.32
RMS 0.7276
size [# of strips]

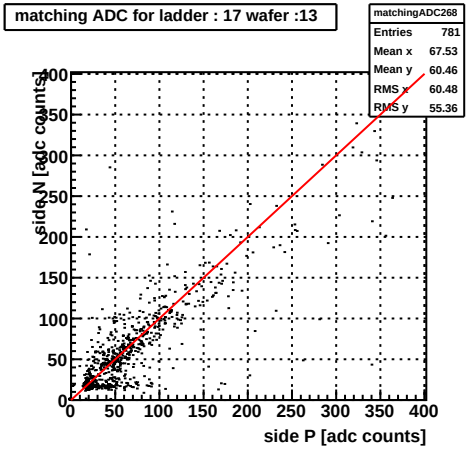

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 468
Mean x 76.68
Mean y 73.87
RMS x 64.05
RMS y 59.38
side N [adc counts]
side P [adc counts]

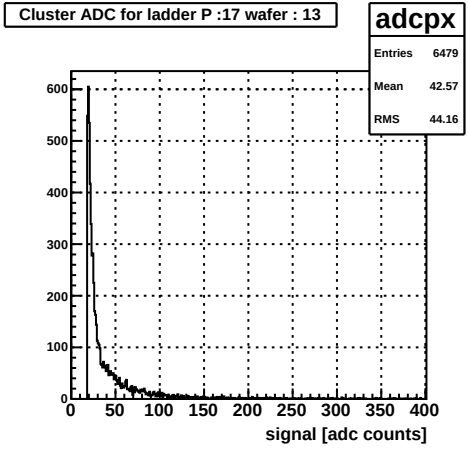

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 27720
Mean 35.73
RMS 31.49
signal [adc counts]

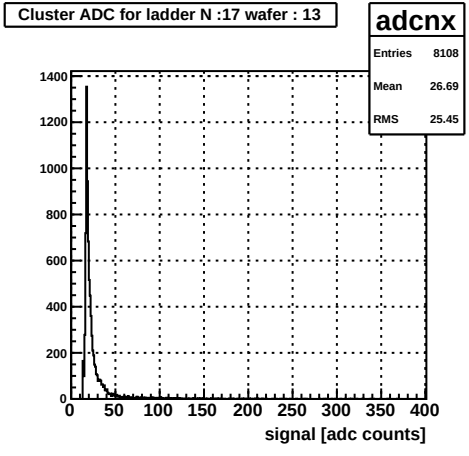

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1495
Mean 45
RMS 51.06
signal [adc counts]

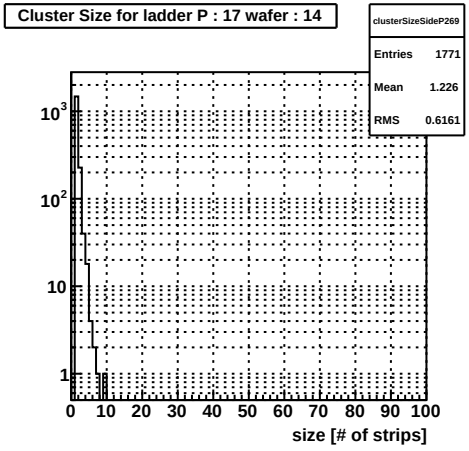

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6479
Mean 1.317
RMS 0.7108
size [# of strips]

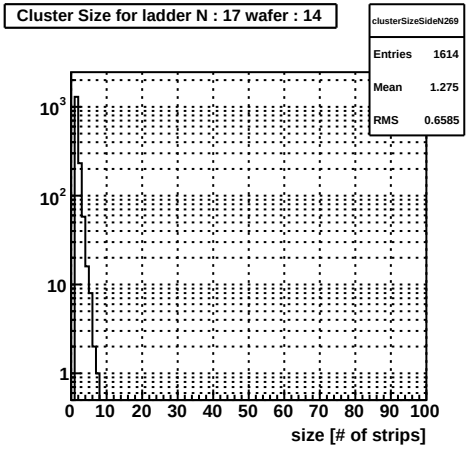

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8108
Mean 1.084
RMS 0.3849
size [# of strips]

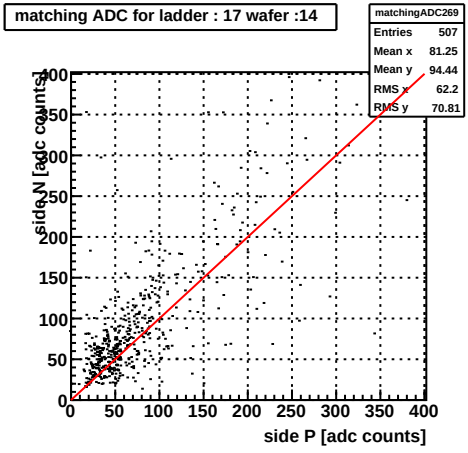

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 781
Mean x 67.53
Mean y 60.46
RMS x 60.48
RMS y 55.36
side N [adc counts]
side P [adc counts]

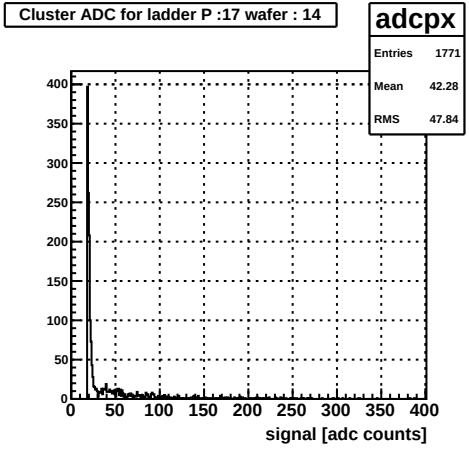

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6479
Mean 42.57
RMS 44.16
signal [adc counts]

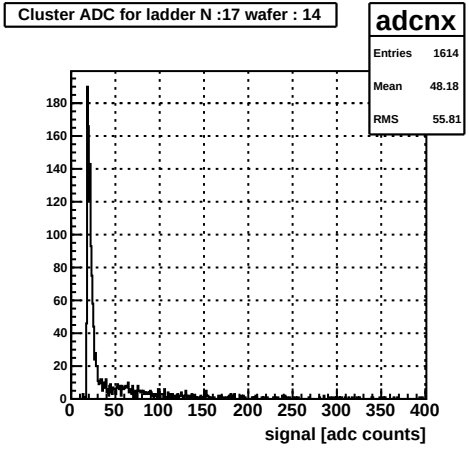

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8108
Mean 26.69
RMS 25.45
signal [adc counts]

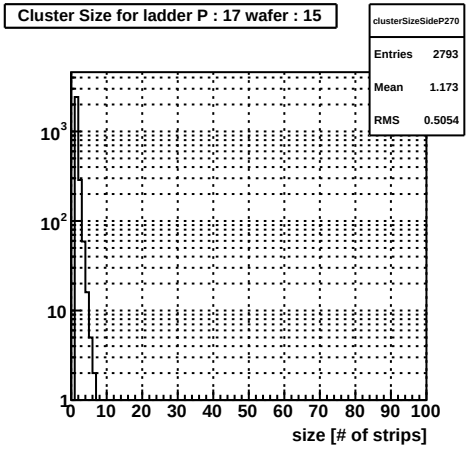

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1771
Mean 1.226
RMS 0.6161
size [# of strips]

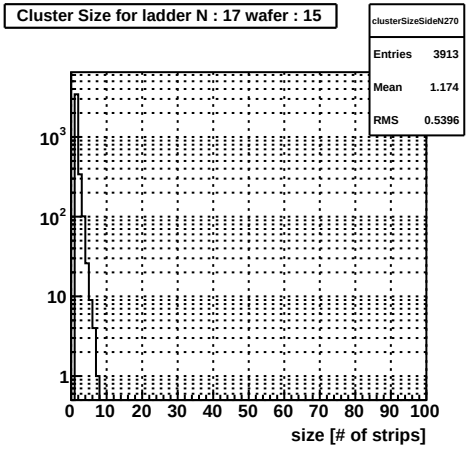

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1614
Mean 1.275
RMS 0.6585
size [# of strips]

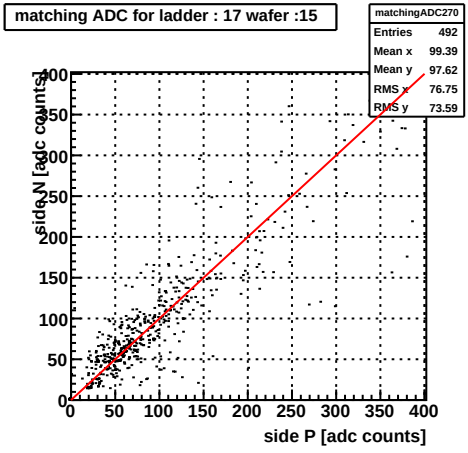

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 507
Mean x 81.25
Mean y 94.44
RMS x 62.2
RMS y 70.81
side N [adc counts]
side P [adc counts]

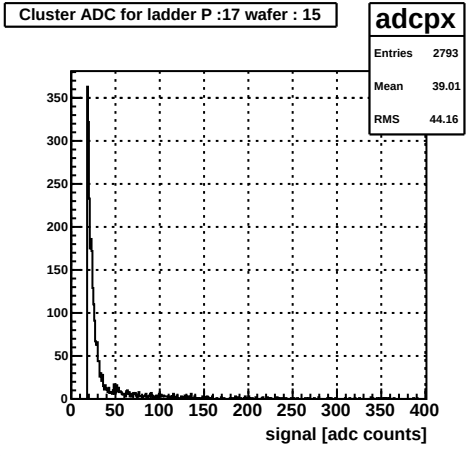

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1771
Mean 42.28
RMS 47.84
signal [adc counts]

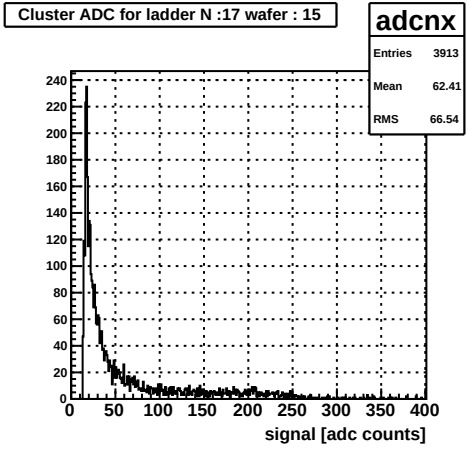

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1614
Mean 48.18
RMS 55.81
signal [adc counts]

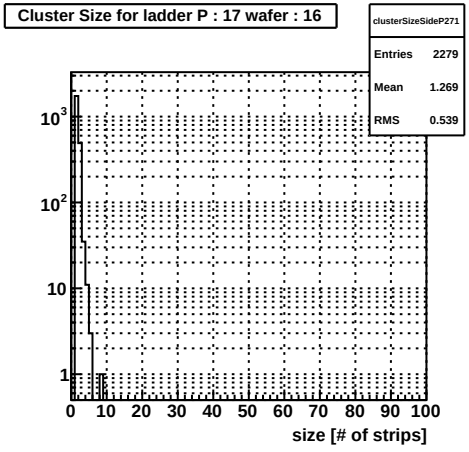

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2793
Mean 1.173
RMS 0.5054
size [# of strips]

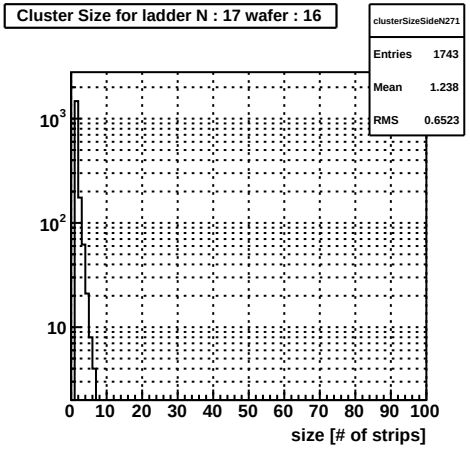

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3913
Mean 1.174
RMS 0.5396
size [# of strips]

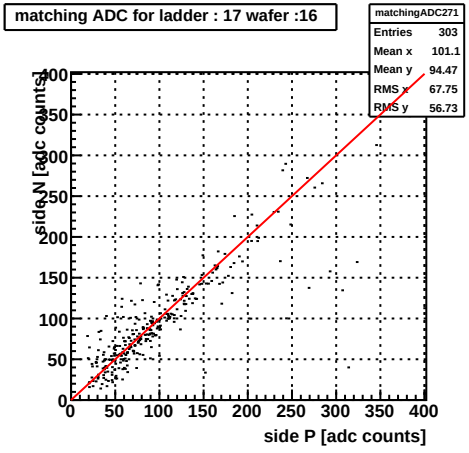

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 492
Mean x 99.39
Mean y 97.62
RMS x 76.75
RMS y 73.59
side N [adc counts]
side P [adc counts]

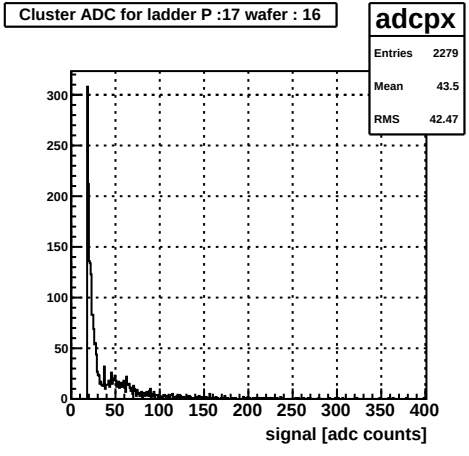

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2793
Mean 39.01
RMS 44.16
signal [adc counts]

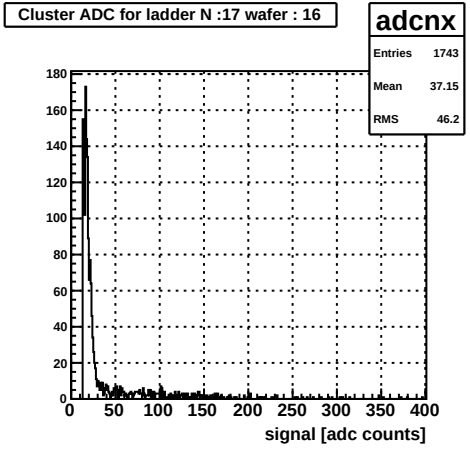

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3913
Mean 62.41
RMS 66.54
signal [adc counts]

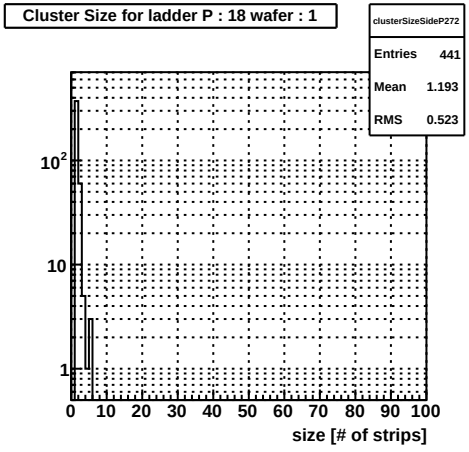

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2279
Mean 1.269
RMS 0.539
size [# of strips]

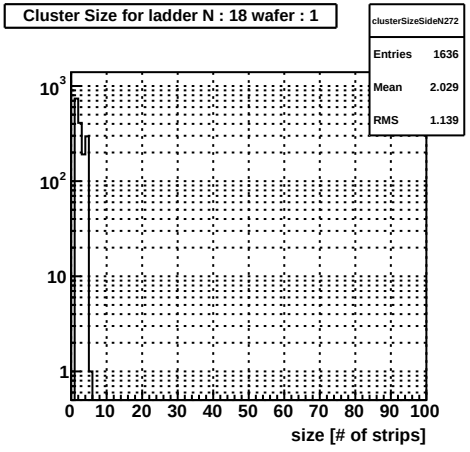

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1743
Mean 1.238
RMS 0.6523
size [# of strips]

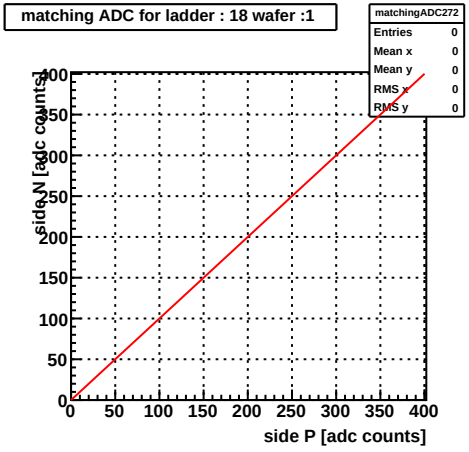

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 303
Mean x 101.1
Mean y 94.47
RMS x 67.75
RMS y 56.73
side N [adc counts]
side P [adc counts]

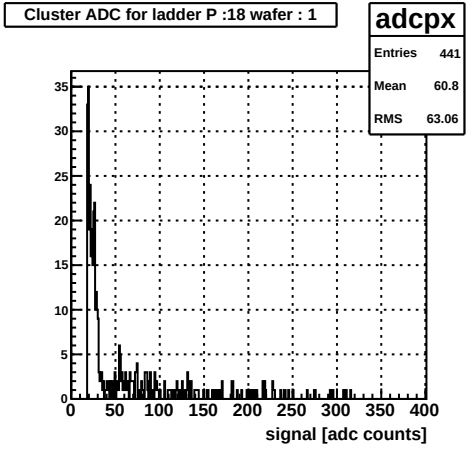

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2279
Mean 43.5
RMS 42.47
signal [adc counts]

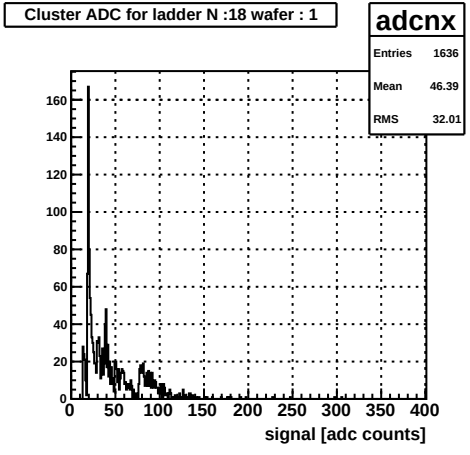

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1743
Mean 37.15
RMS 46.2
signal [adc counts]

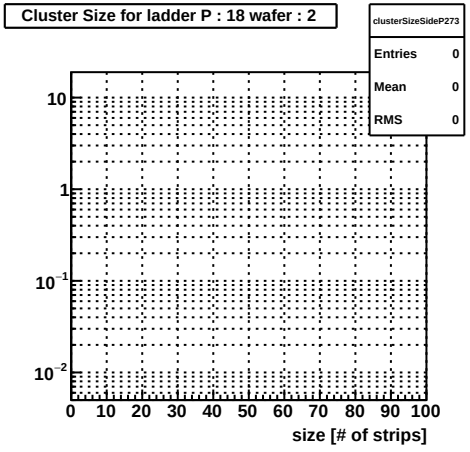

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 441
Mean 1.193
RMS 0.523
size [# of strips]

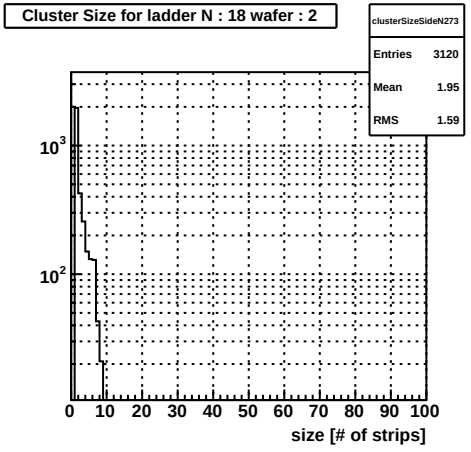

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1636
Mean 2.029
RMS 1.139
size [# of strips]

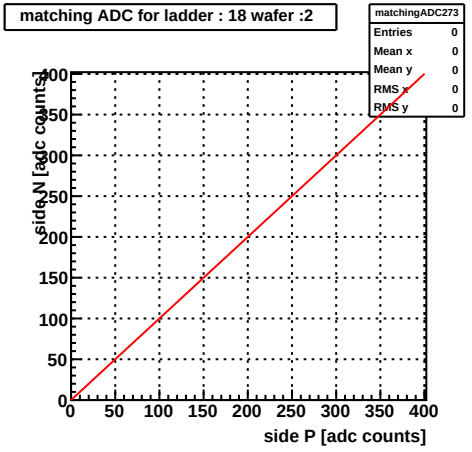

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

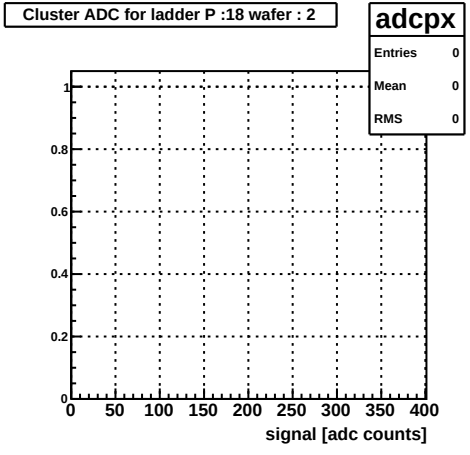

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 441
Mean 60.8
RMS 63.06
signal [adc counts]

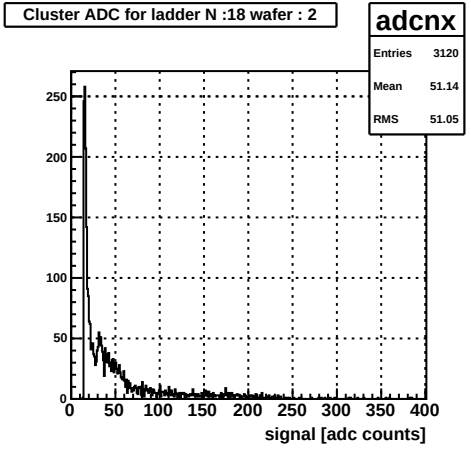

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1636
Mean 46.39
RMS 32.01
signal [adc counts]

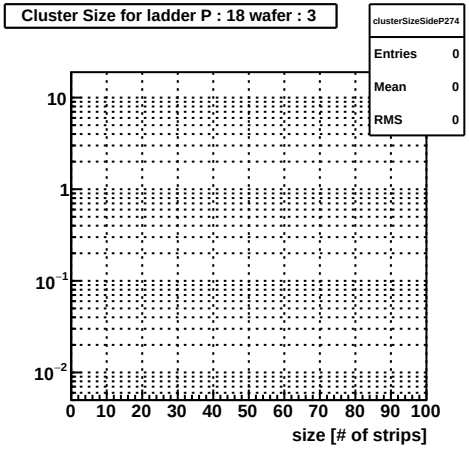

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

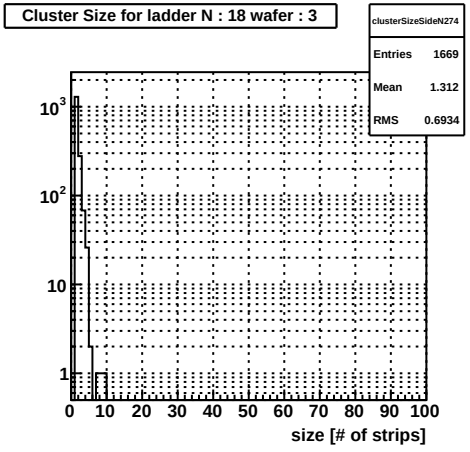

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3120
Mean 1.95
RMS 1.59
size [# of strips]

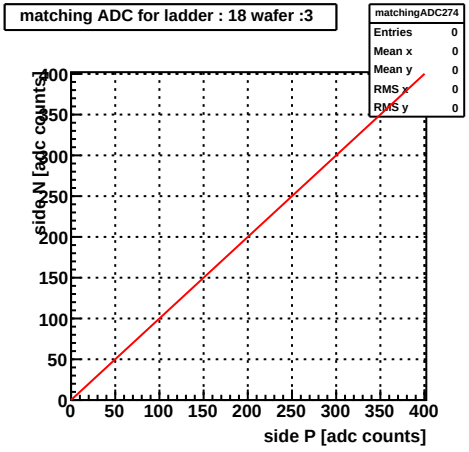

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

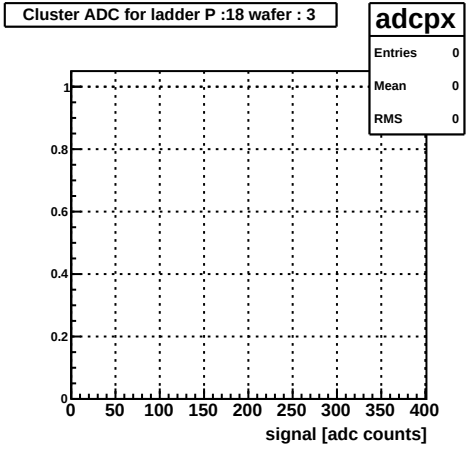

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

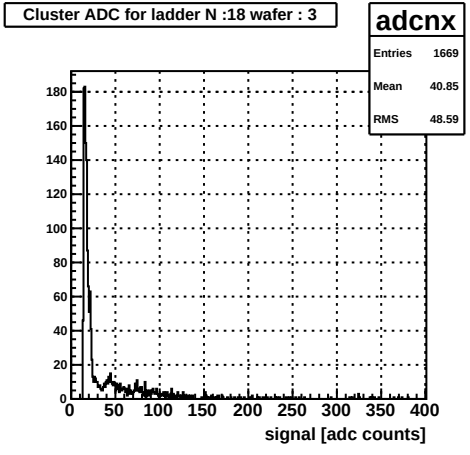

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3120
Mean 51.14
RMS 51.05
signal [adc counts]

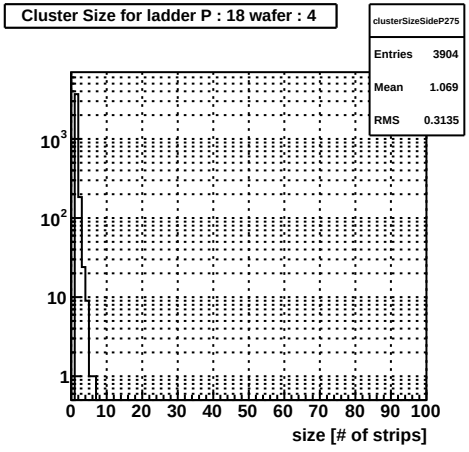

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

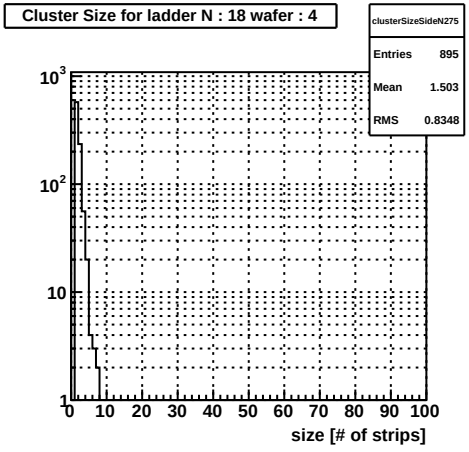

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1669
Mean 1.312
RMS 0.6934
size [# of strips]

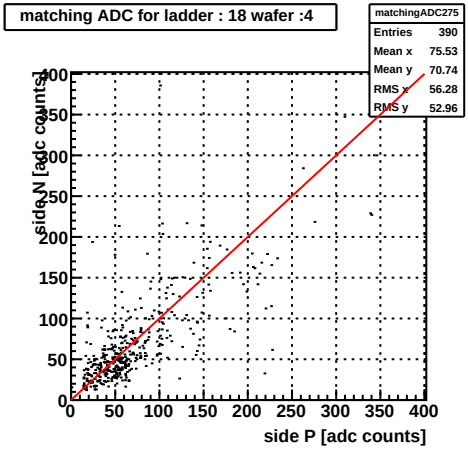

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

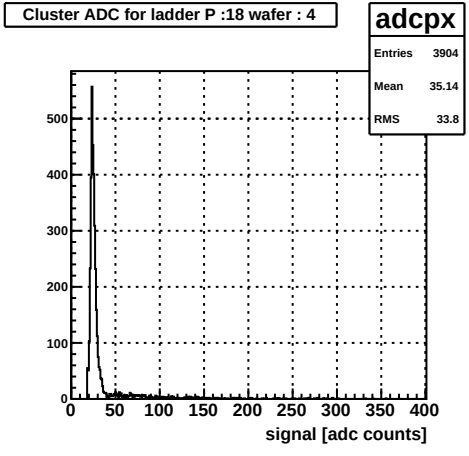

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

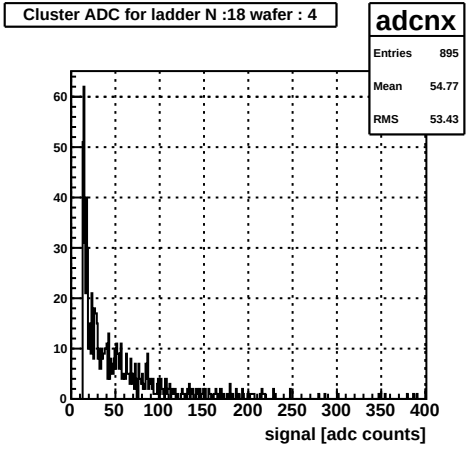

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1669
Mean 40.85
RMS 48.59
signal [adc counts]

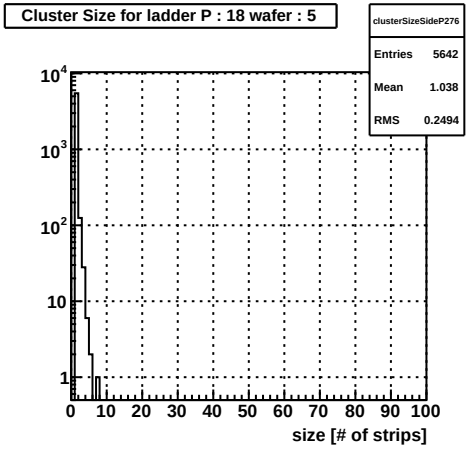

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3904
Mean 1.069
RMS 0.3135
size [# of strips]

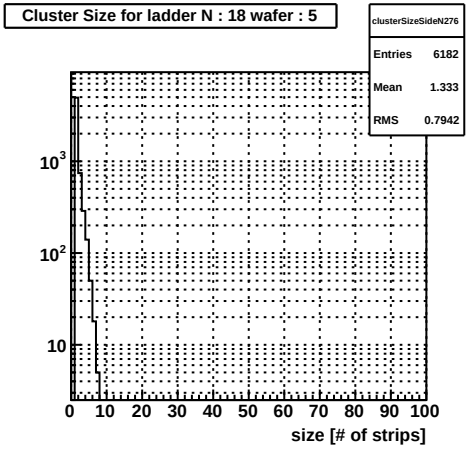

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 895
Mean 1.503
RMS 0.8348
size [# of strips]

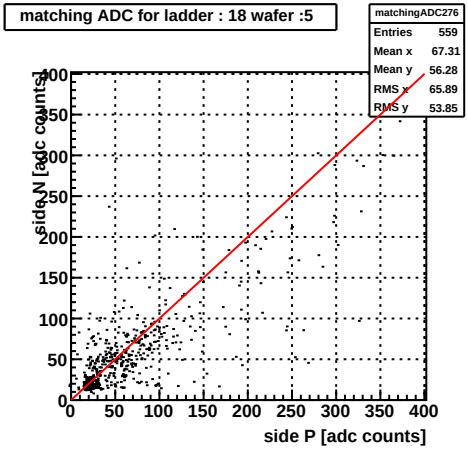

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 390
Mean x 75.53
Mean y 70.74
RMS x 56.28
RMS y 52.96
side N [adc counts]
side P [adc counts]

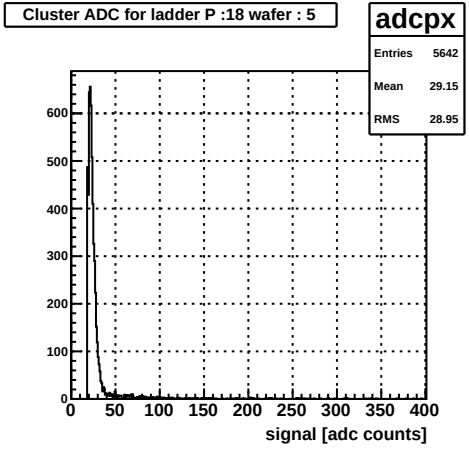

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3904
Mean 35.14
RMS 33.8
signal [adc counts]

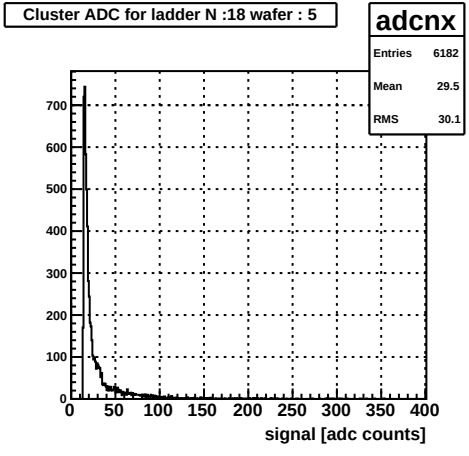

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 895
Mean 54.77
RMS 53.43
signal [adc counts]

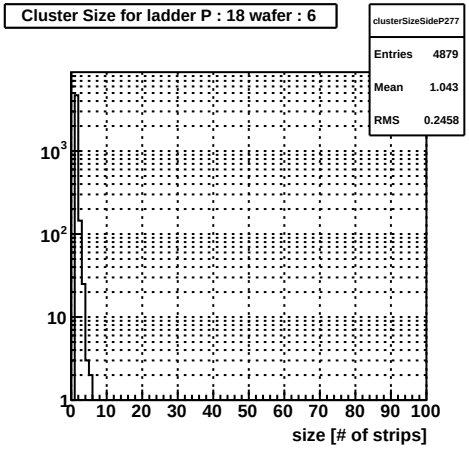

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5642
Mean 1.038
RMS 0.2494
size [# of strips]

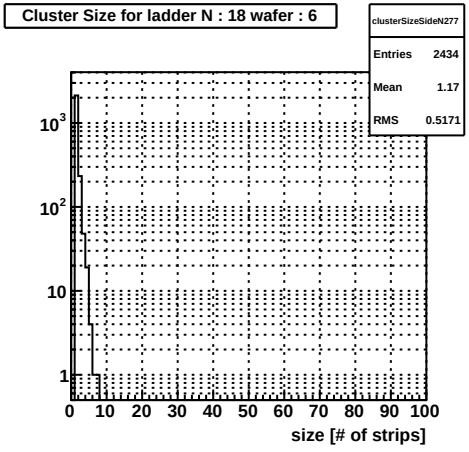

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6182
Mean 1.333
RMS 0.7942
size [# of strips]

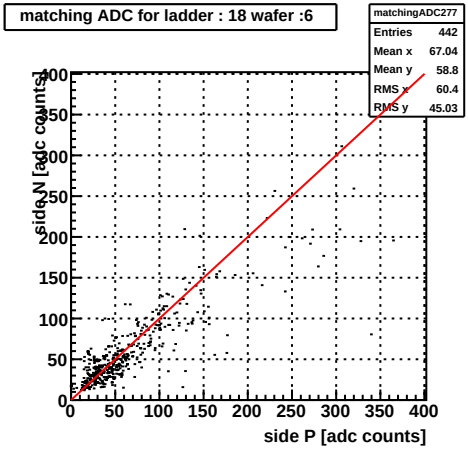

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 559
Mean x 67.31
Mean y 56.28
RMS x 65.89
RMS y 53.85
side N [adc counts]
side P [adc counts]

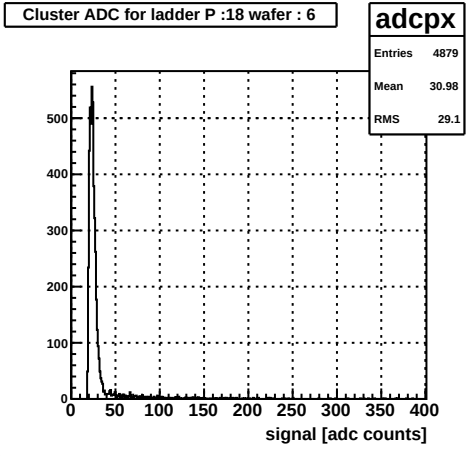

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5642
Mean 29.15
RMS 28.95
signal [adc counts]

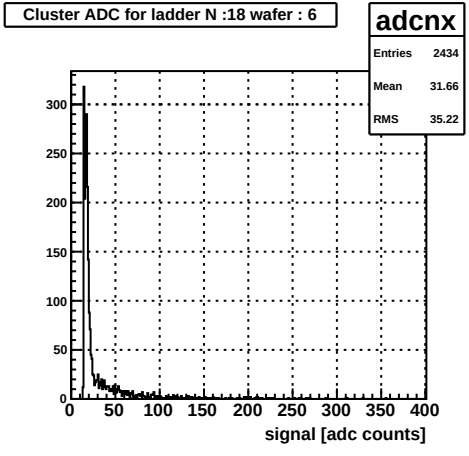

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6182
Mean 29.5
RMS 30.1
signal [adc counts]

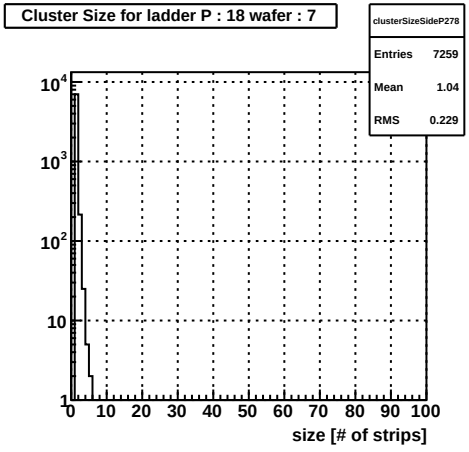

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4879
Mean 1.043
RMS 0.2458
size [# of strips]

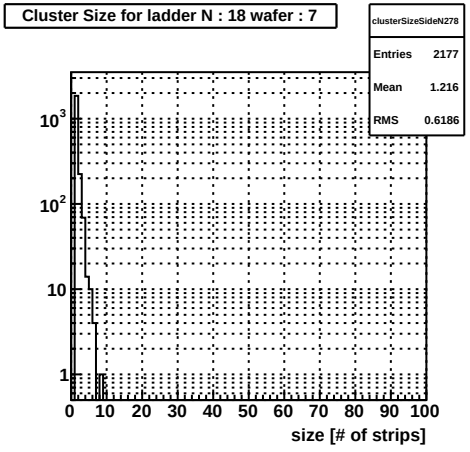

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2434
Mean 1.17
RMS 0.5171
size [# of strips]

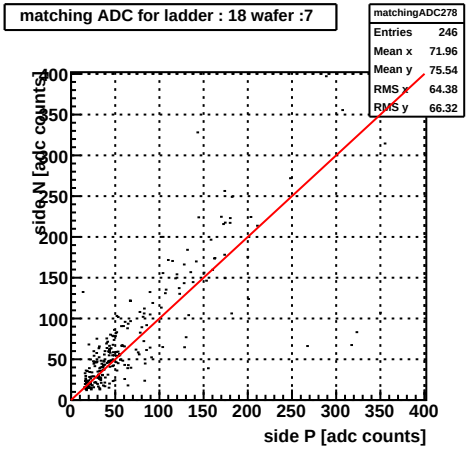

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 442
Mean x 67.04
Mean y 58.8
RMS x 60.4
RMS y 45.03
side N [adc counts]
side P [adc counts]

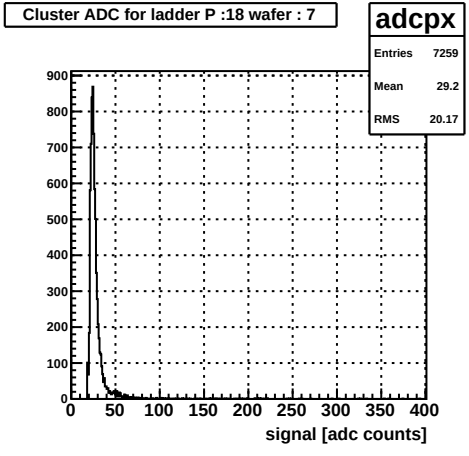

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4879
Mean 30.98
RMS 29.1
signal [adc counts]

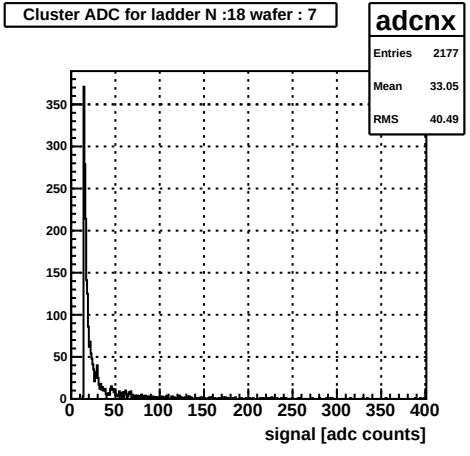

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2434
Mean 31.66
RMS 35.22
signal [adc counts]

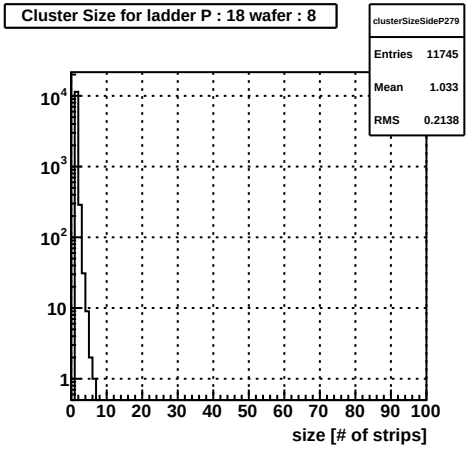

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7259
Mean 1.04
RMS 0.229
size [# of strips]

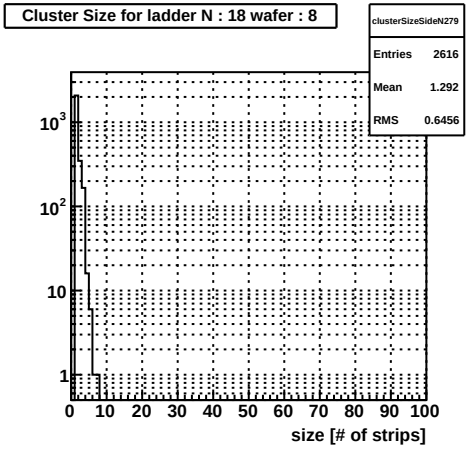

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2177
Mean 1.216
RMS 0.6186
size [# of strips]

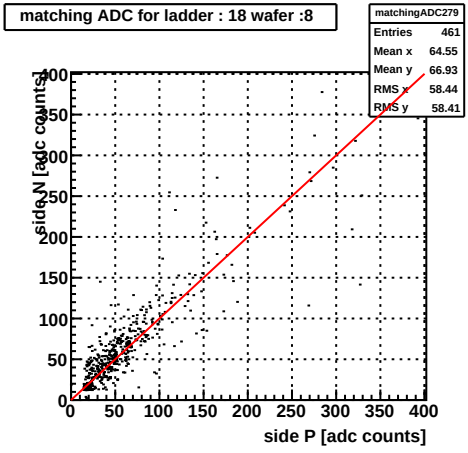

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 246
Mean x 71.96
Mean y 75.54
RMS x 64.38
RMS y 66.32
side N [adc counts]
side P [adc counts]

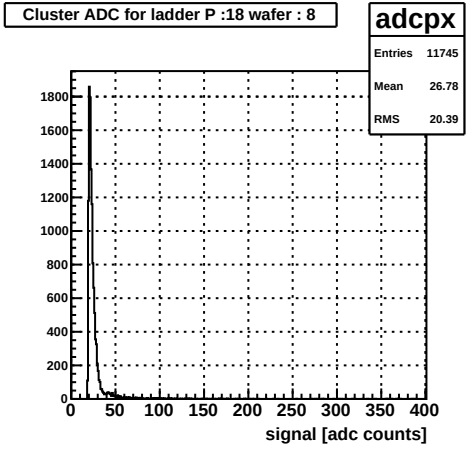

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7259
Mean 29.2
RMS 20.17
signal [adc counts]

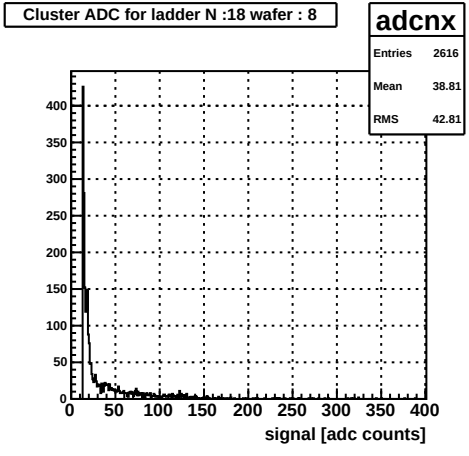

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2177
Mean 33.05
RMS 40.49
signal [adc counts]

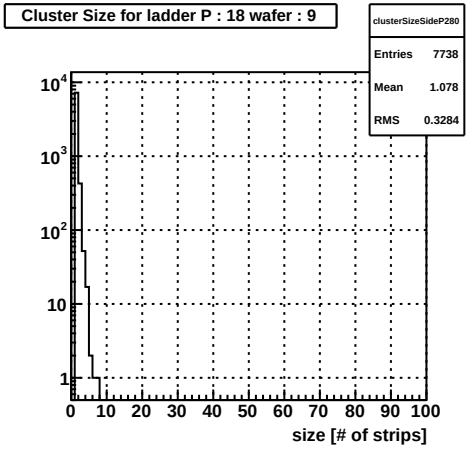

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11745
Mean 1.033
RMS 0.2138
size [# of strips]

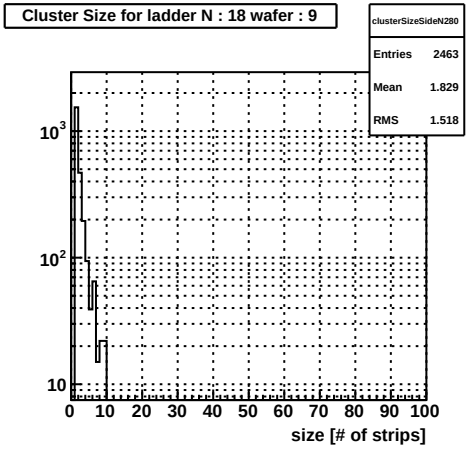

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2616
Mean 1.292
RMS 0.6456
size [# of strips]

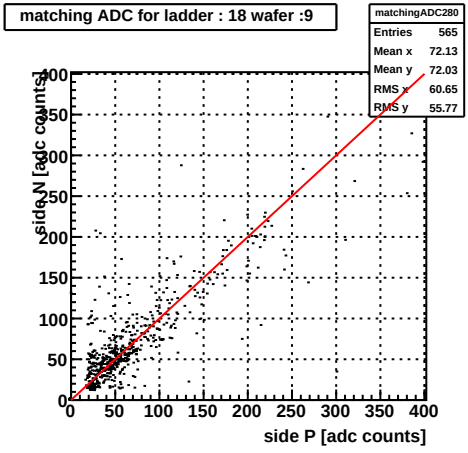

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 461
Mean x 64.55
Mean y 66.93
RMS x 58.44
RMS y 58.41
side N [adc counts]
side P [adc counts]

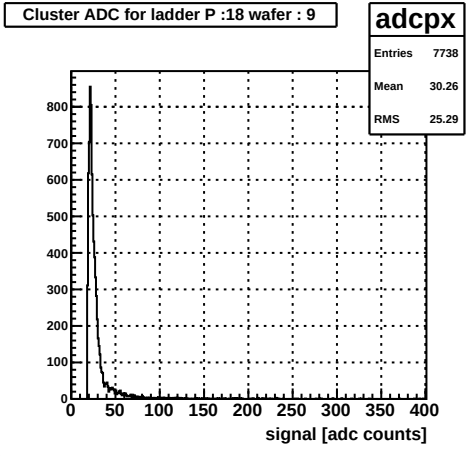

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11745
Mean 26.78
RMS 20.39
signal [adc counts]

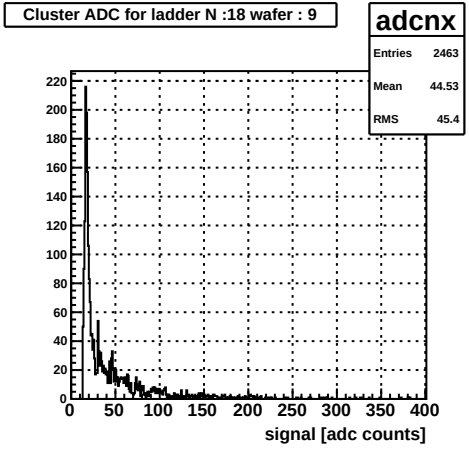

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2616
Mean 38.81
RMS 42.81
signal [adc counts]

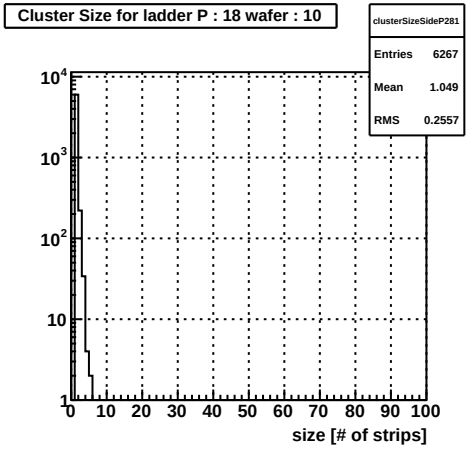

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7738
Mean 1.078
RMS 0.3284
size [# of strips]

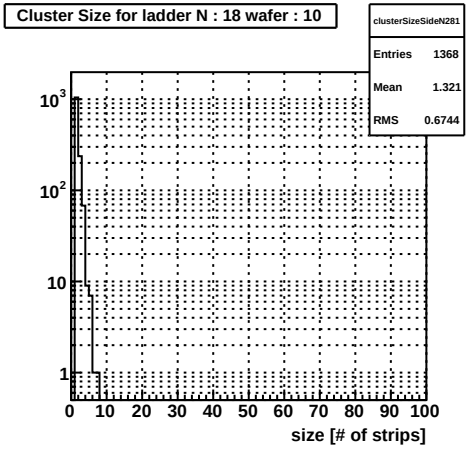

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2463
Mean 1.829
RMS 1.518
size [# of strips]

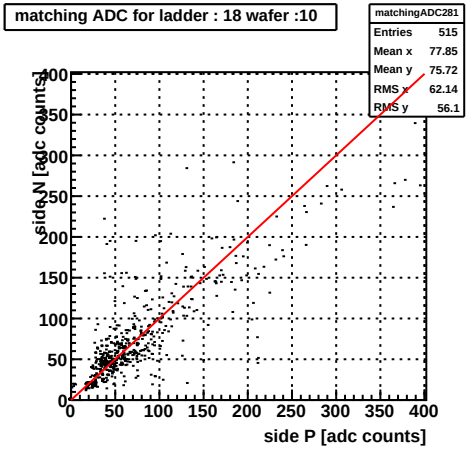

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 565
Mean x 72.13
Mean y 72.03
RMS x 60.65
RMS y 55.77
side N [adc counts]
side P [adc counts]

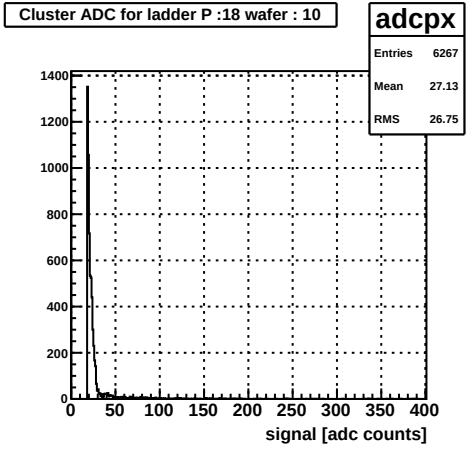

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7738
Mean 30.26
RMS 25.29
signal [adc counts]

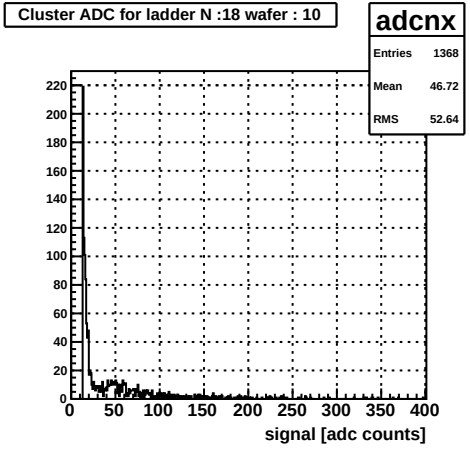

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2463
Mean 44.53
RMS 45.4
signal [adc counts]

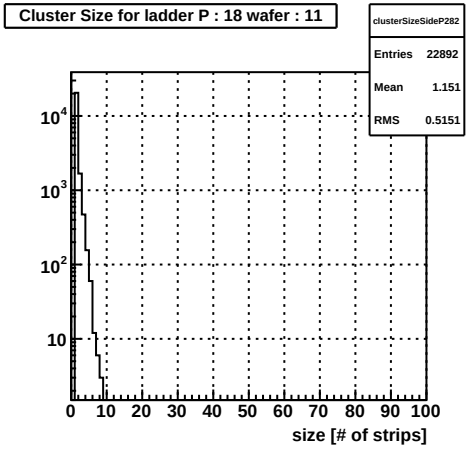

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6267
Mean 1.049
RMS 0.2557
size [# of strips]

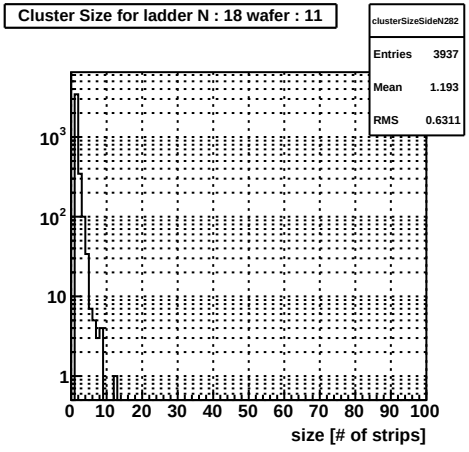

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1368
Mean 1.321
RMS 0.6744
size [# of strips]

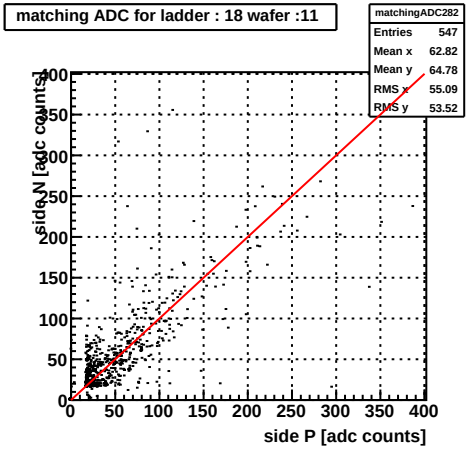

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 515
Mean x 77.85
Mean y 75.72
RMS x 62.14
RMS y 56.1
side N [adc counts]
side P [adc counts]

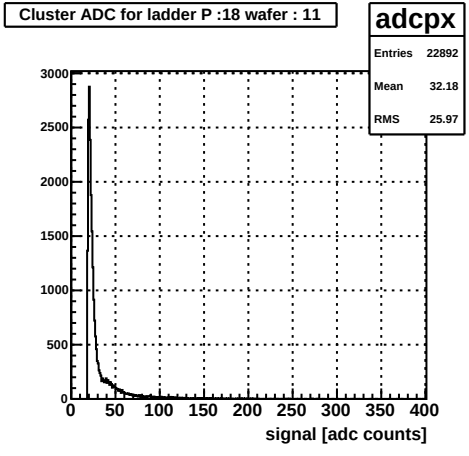

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6267
Mean 27.13
RMS 26.75
signal [adc counts]

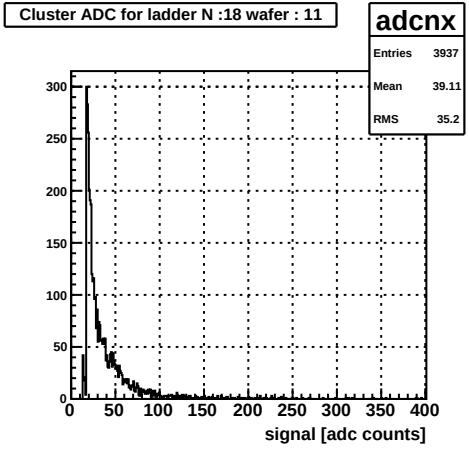

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1368
Mean 46.72
RMS 52.64
signal [adc counts]

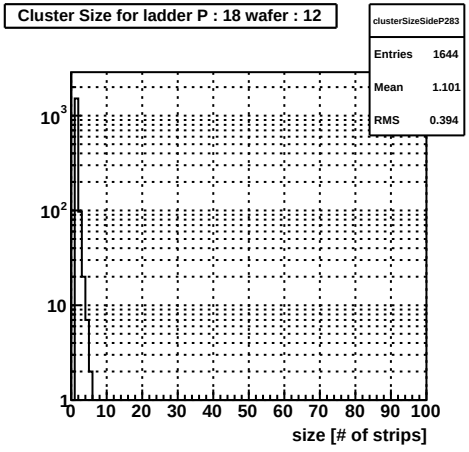

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 22892
Mean 1.151
RMS 0.5151
size [# of strips]

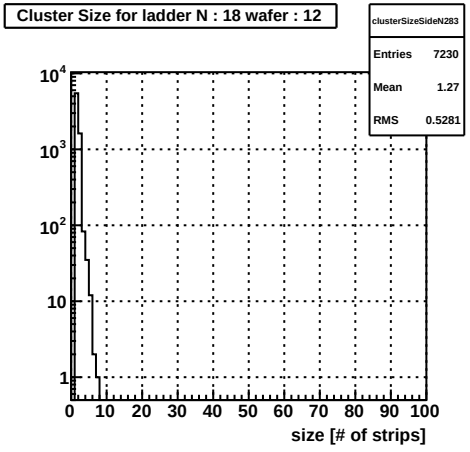

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3937
Mean 1.193
RMS 0.6311
size [# of strips]

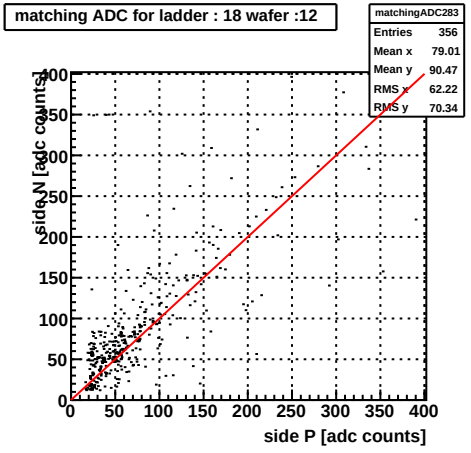

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 547
Mean x 62.82
Mean y 64.78
RMS x 55.09
RMS y 53.52
side N [adc counts]
side P [adc counts]

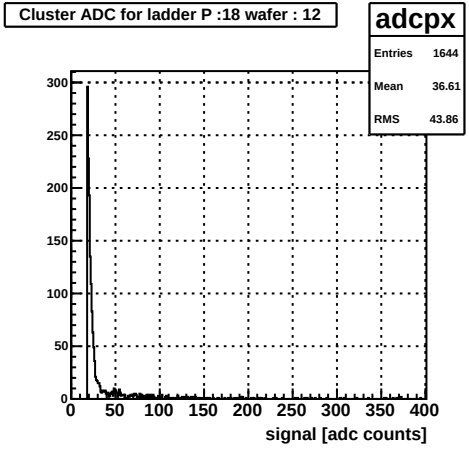

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 22892
Mean 32.18
RMS 25.97
signal [adc counts]

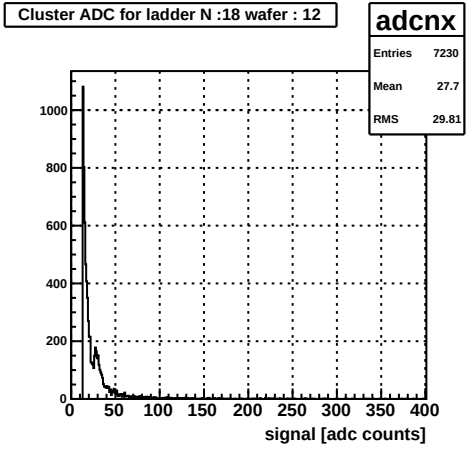

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3937
Mean 39.11
RMS 35.2
signal [adc counts]

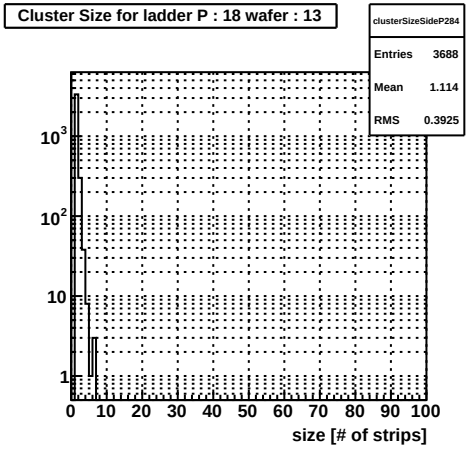

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1644
Mean 1.101
RMS 0.394
size [# of strips]

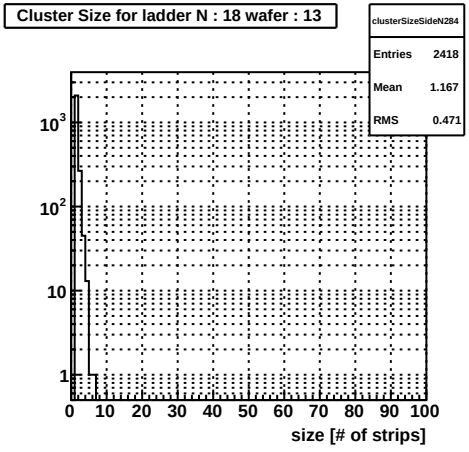

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7230
Mean 1.27
RMS 0.5281
size [# of strips]

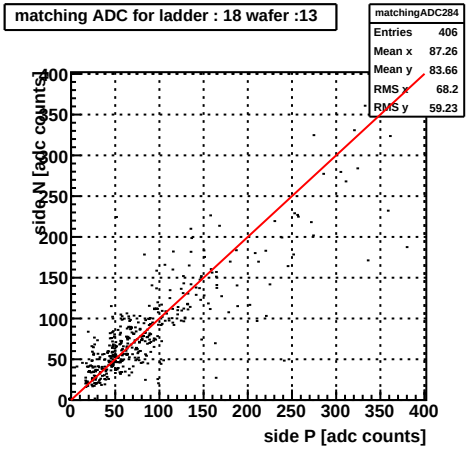

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 356
Mean x 79.01
Mean y 90.47
RMS x 62.22
RMS y 70.34
side N [adc counts]
side P [adc counts]

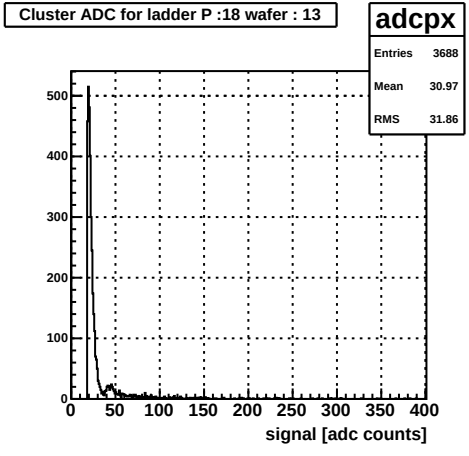

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1644
Mean 36.61
RMS 43.86
signal [adc counts]

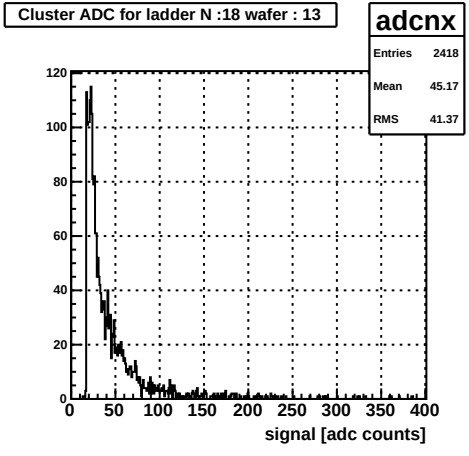

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7230
Mean 27.7
RMS 29.81
signal [adc counts]

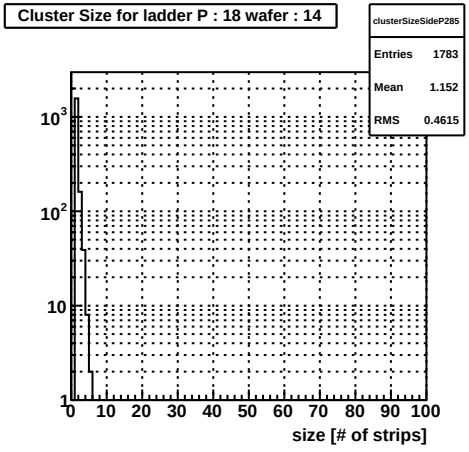

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3688
Mean 1.114
RMS 0.3925
size [# of strips]

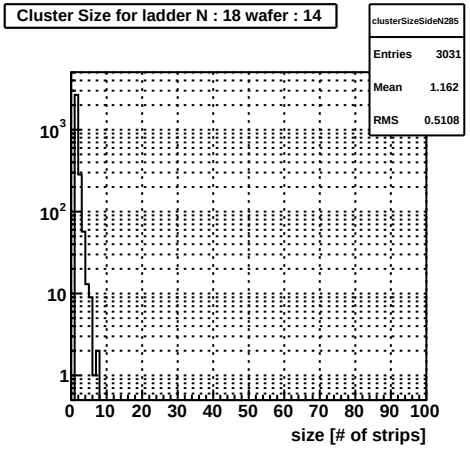

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2418
Mean 1.167
RMS 0.471
size [# of strips]

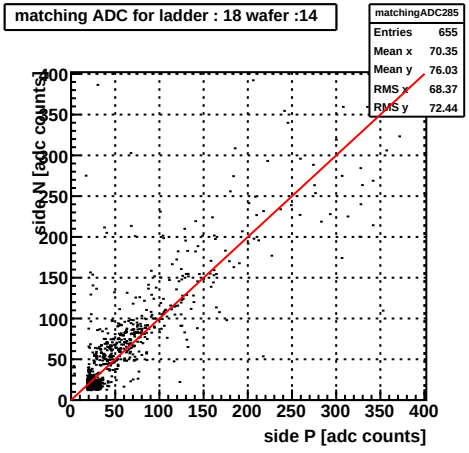

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 406
Mean x 87.26
Mean y 83.66
RMS x 68.2
RMS y 59.23
side N [adc counts]
side P [adc counts]

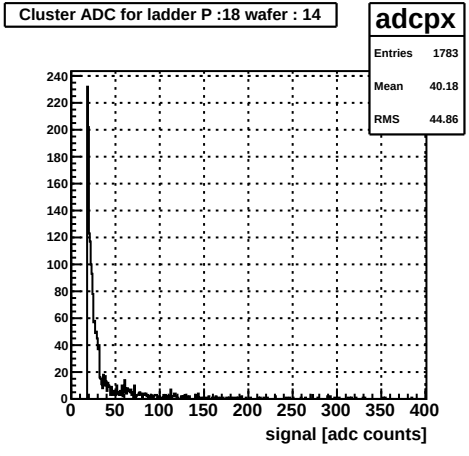

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3688
Mean 30.97
RMS 31.86
signal [adc counts]

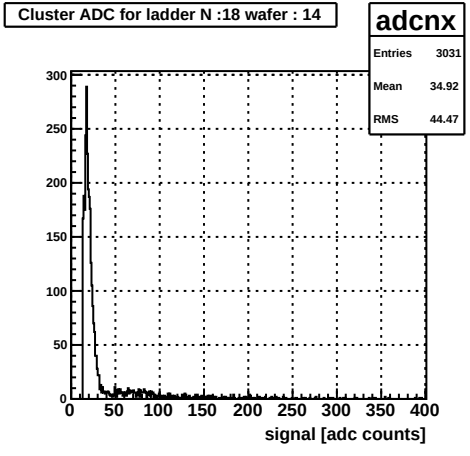

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2418
Mean 45.17
RMS 41.37
signal [adc counts]

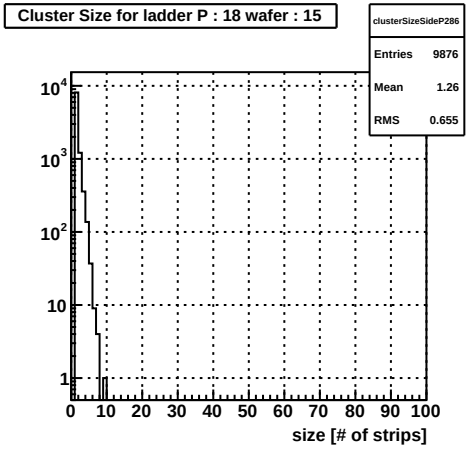

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1783
Mean 1.152
RMS 0.4615
size [# of strips]

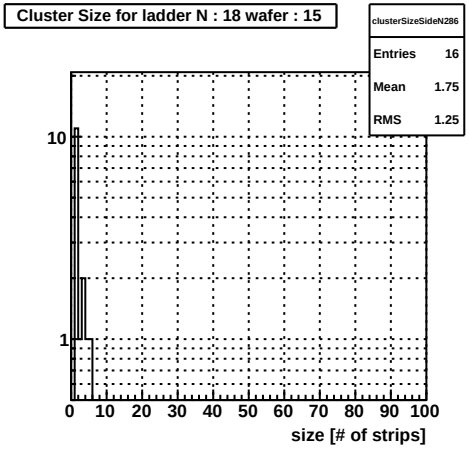

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3031
Mean 1.162
RMS 0.5108
size [# of strips]

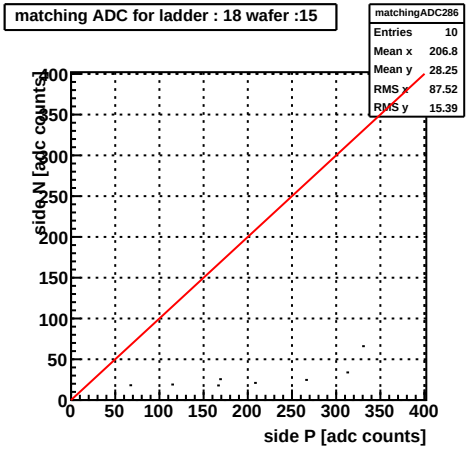

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 655
Mean x 70.35
Mean y 76.03
RMS x 68.37
RMS y 72.44
side N [adc counts]
side P [adc counts]

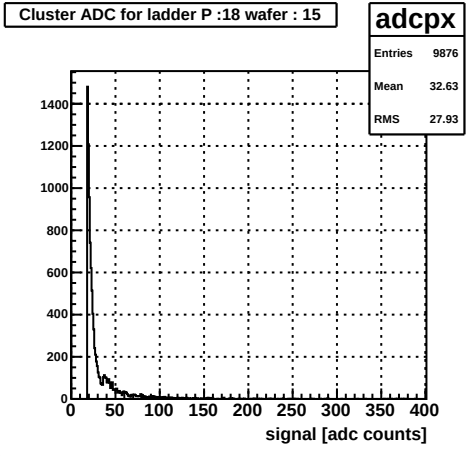

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1783
Mean 40.18
RMS 44.86
signal [adc counts]

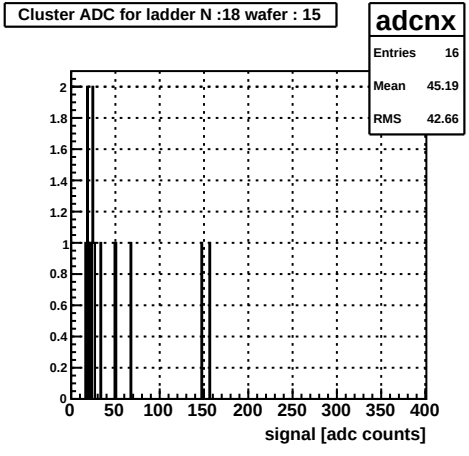

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3031
Mean 34.92
RMS 44.47
signal [adc counts]

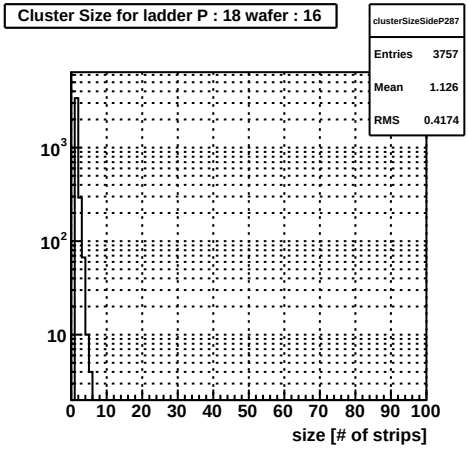

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 9876
Mean 1.26
RMS 0.655
size [# of strips]

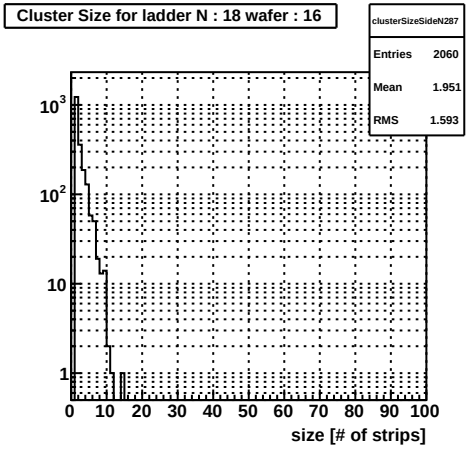

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 16
Mean 1.75
RMS 1.25
size [# of strips]

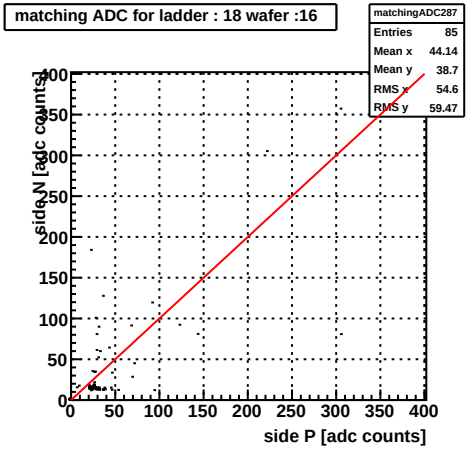

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 10
Mean x 206.8
Mean y 28.25
RMS x 87.52
RMS y 15.39
side N [adc counts]
side P [adc counts]

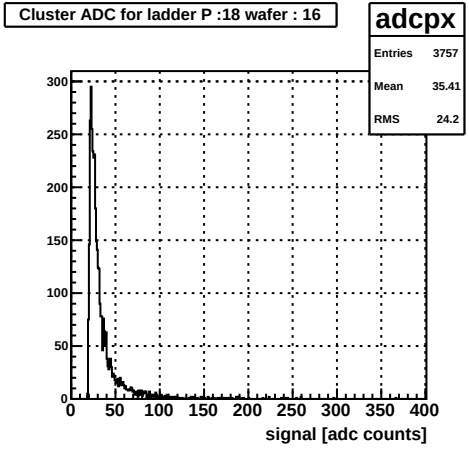

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 9876
Mean 32.63
RMS 27.93
signal [adc counts]

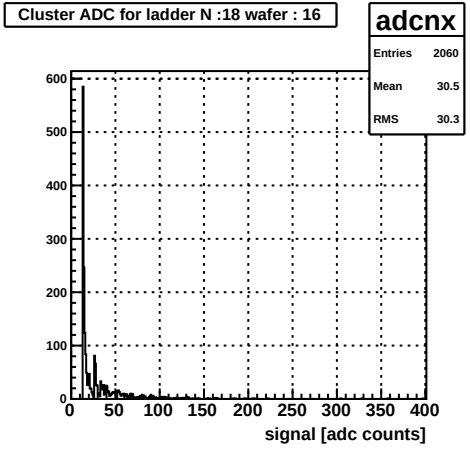

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 16
Mean 45.19
RMS 42.66
signal [adc counts]

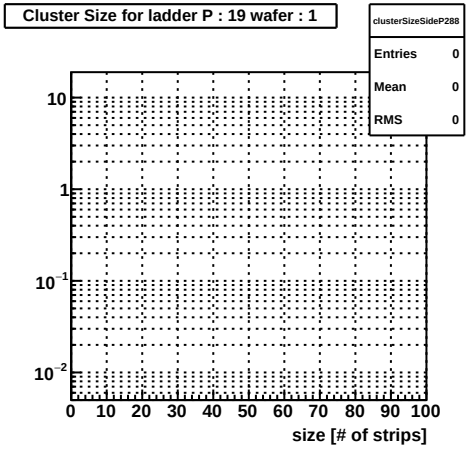

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3757
Mean 1.126
RMS 0.4174
size [# of strips]

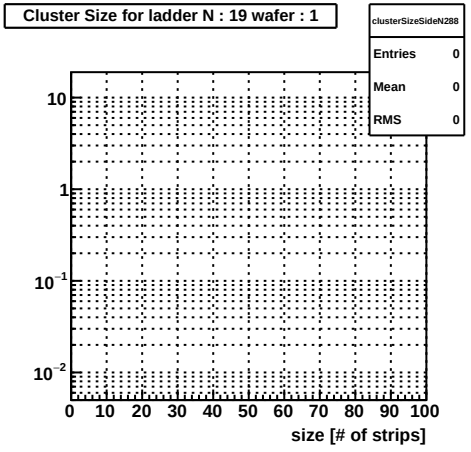

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2060
Mean 1.951
RMS 1.593
size [# of strips]

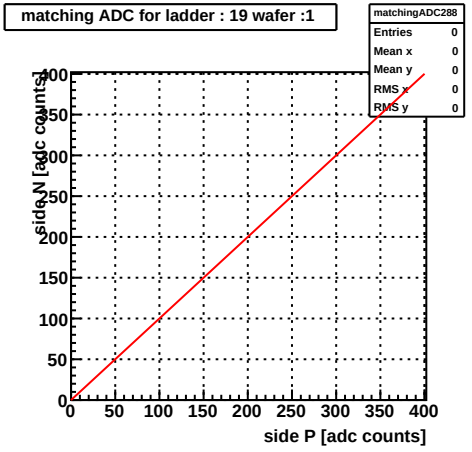

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 85
Mean x 44.14
Mean y 38.7
RMS x 54.6
RMS y 59.47
side N [adc counts]
side P [adc counts]

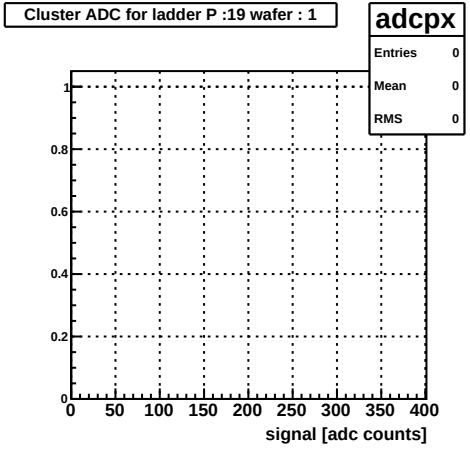

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3757
Mean 35.41
RMS 24.2
signal [adc counts]

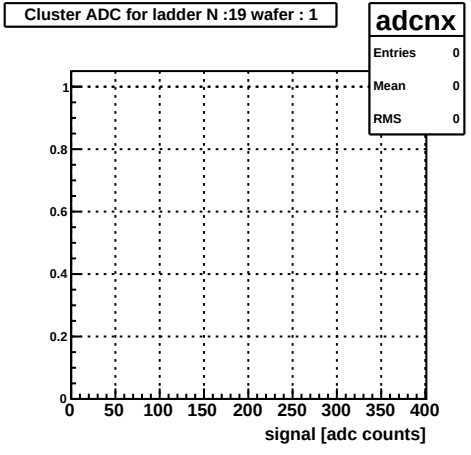

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2060
Mean 30.5
RMS 30.3
signal [adc counts]

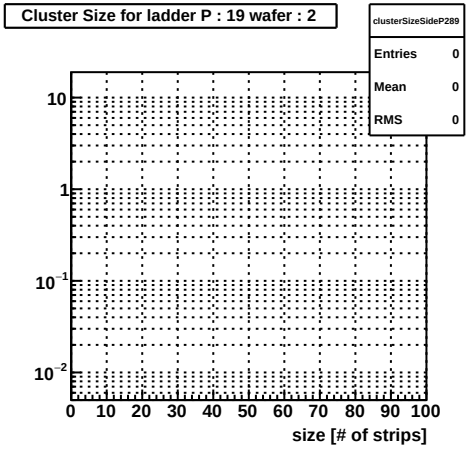

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

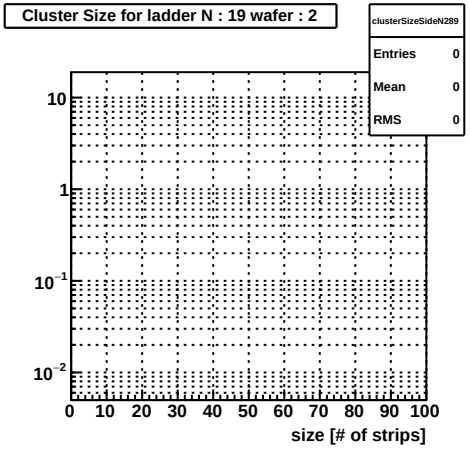

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

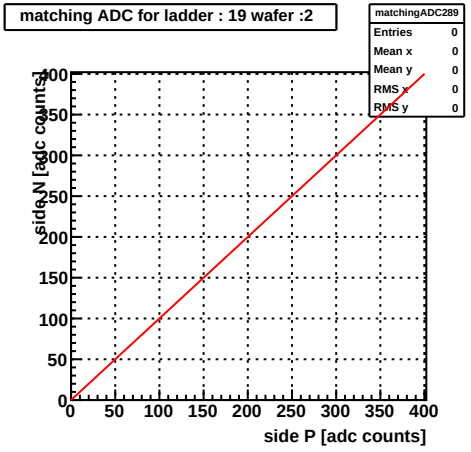

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

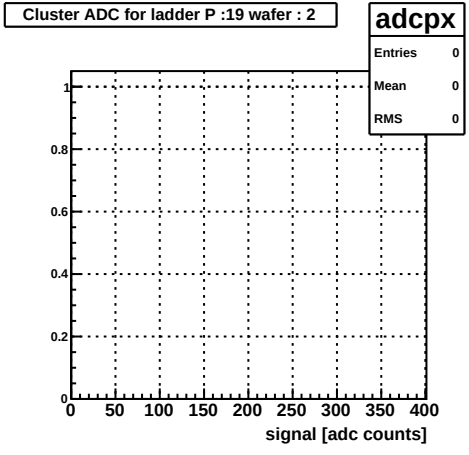

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

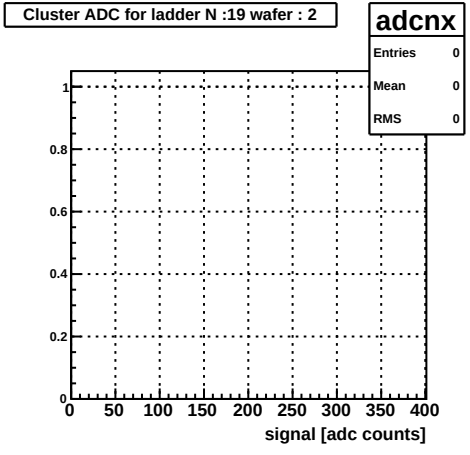

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

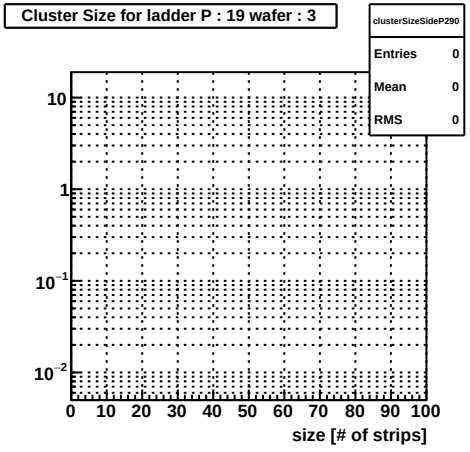

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

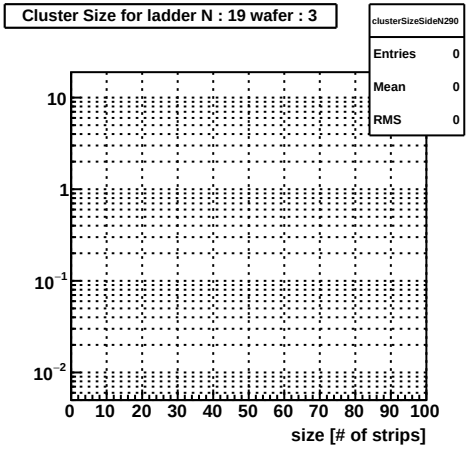

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

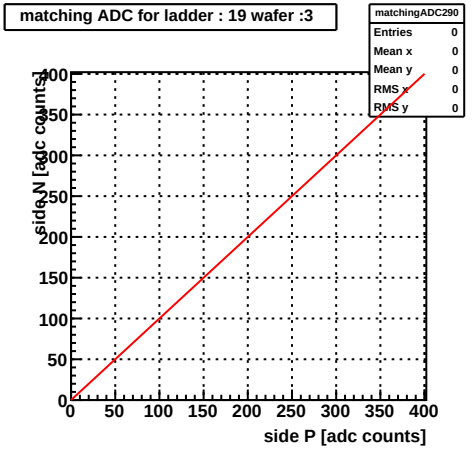

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

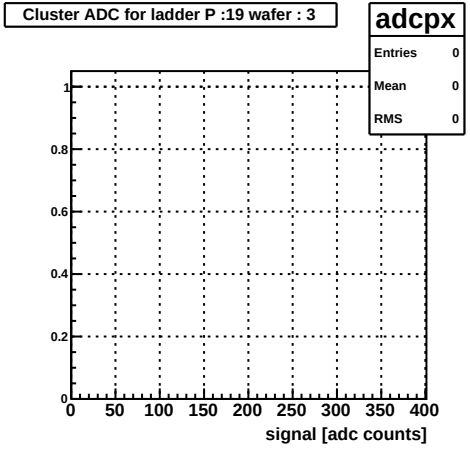

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

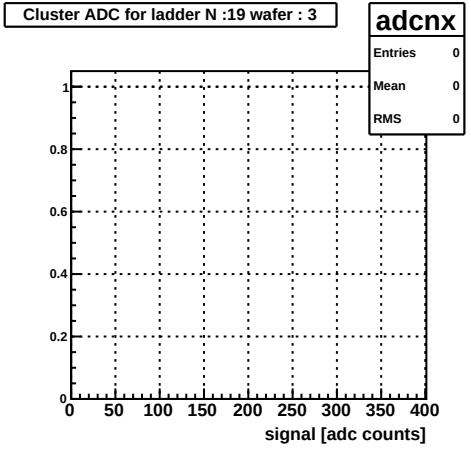

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

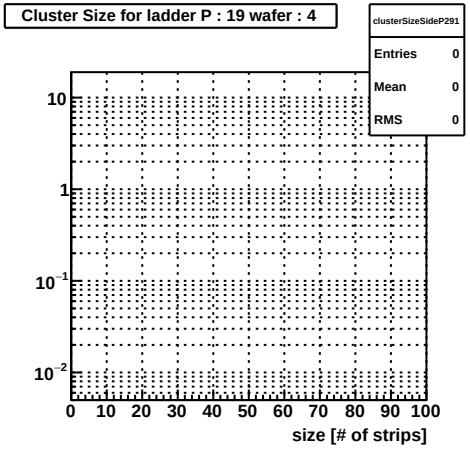

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

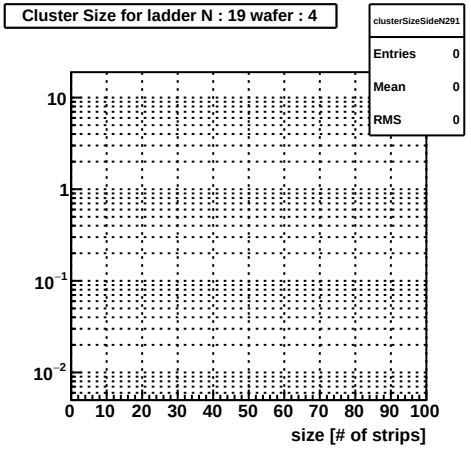

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

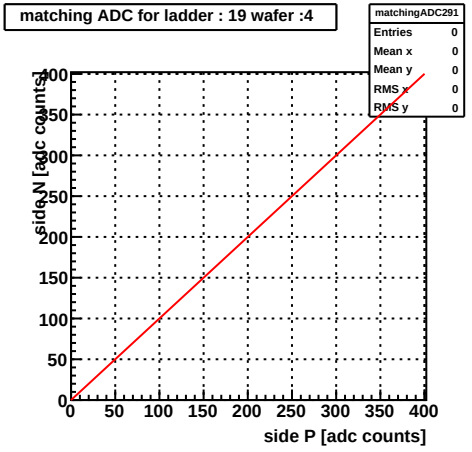

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

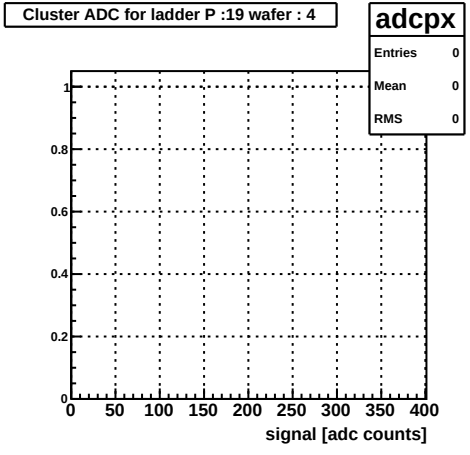

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

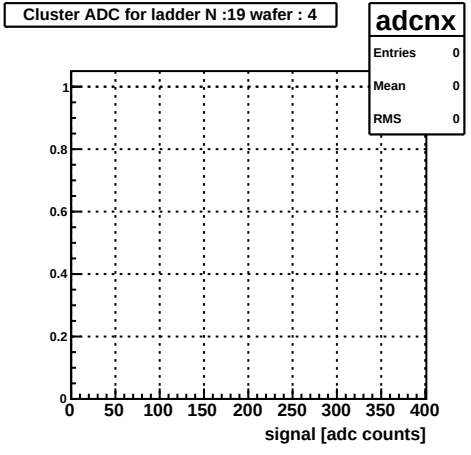

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

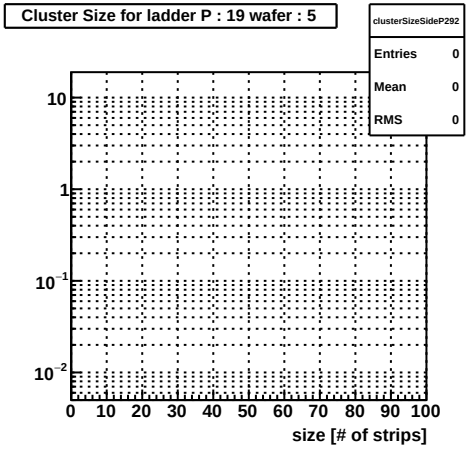

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

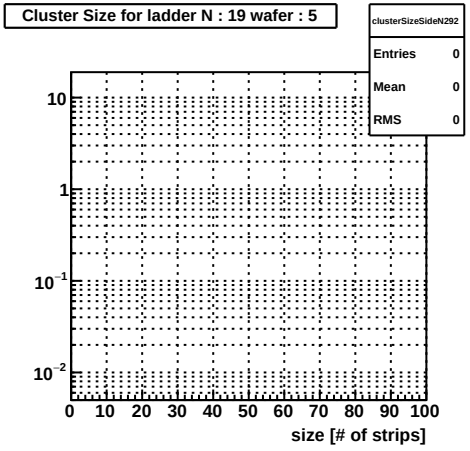

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

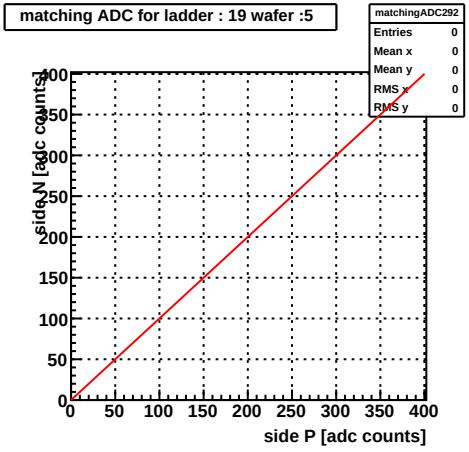

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

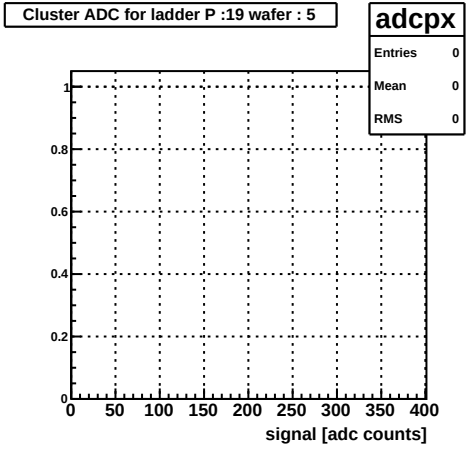

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

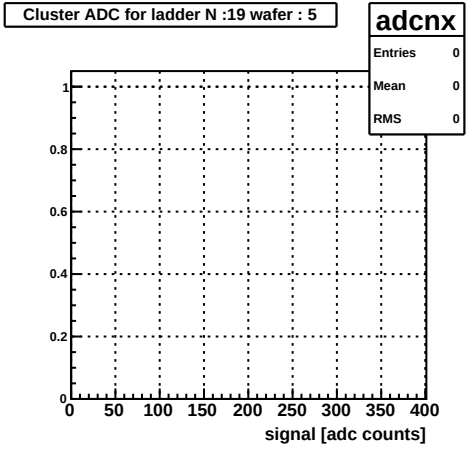

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

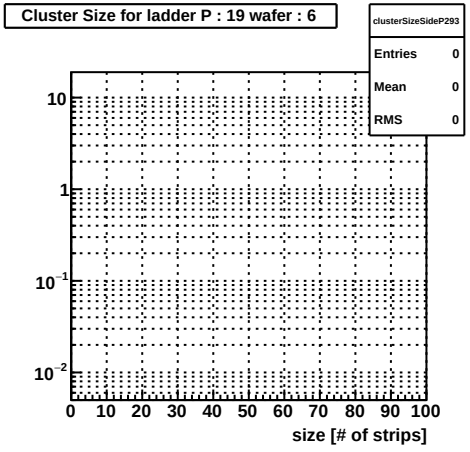

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

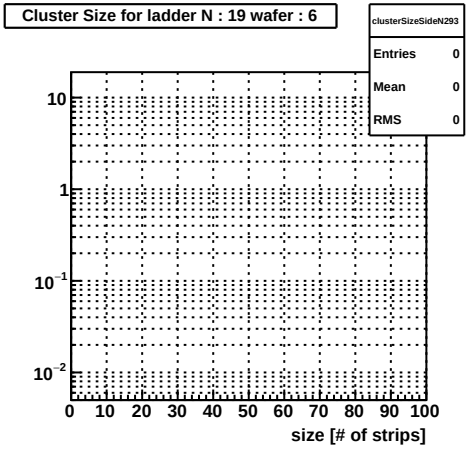

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

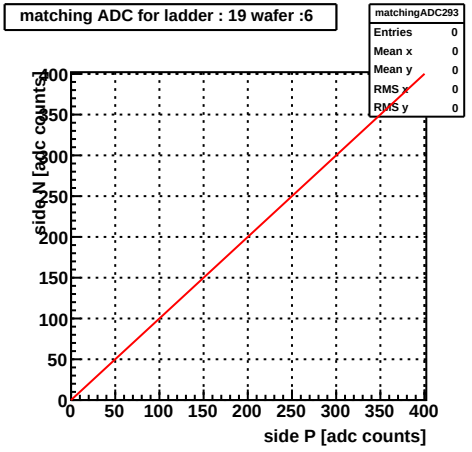

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

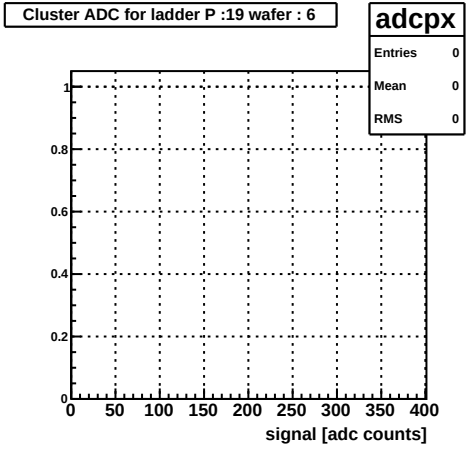

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

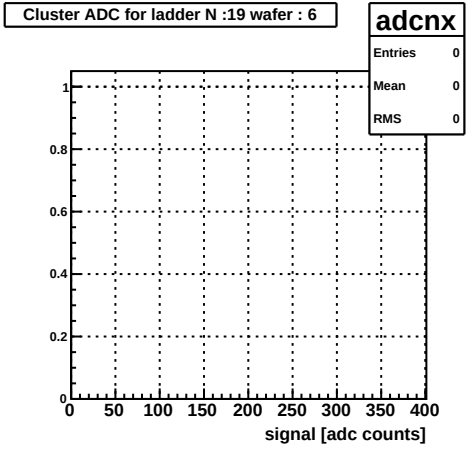

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

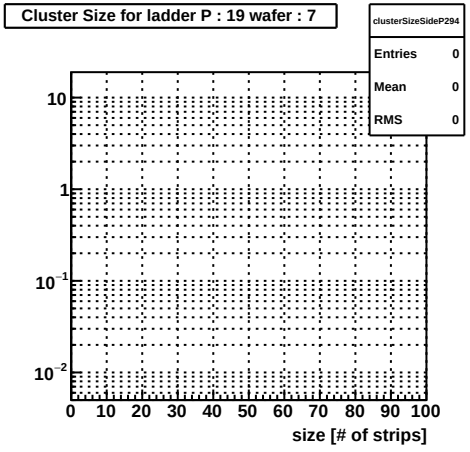

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

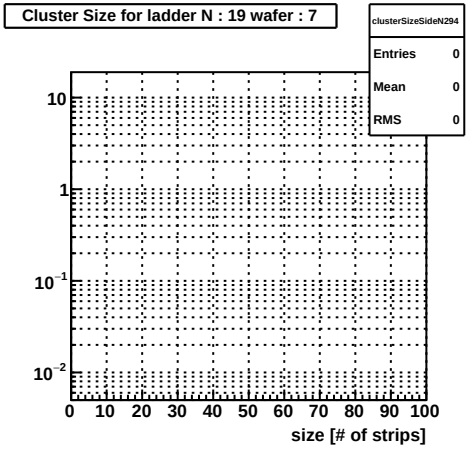

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

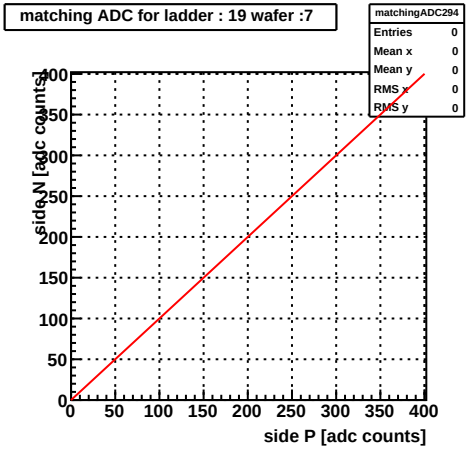

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

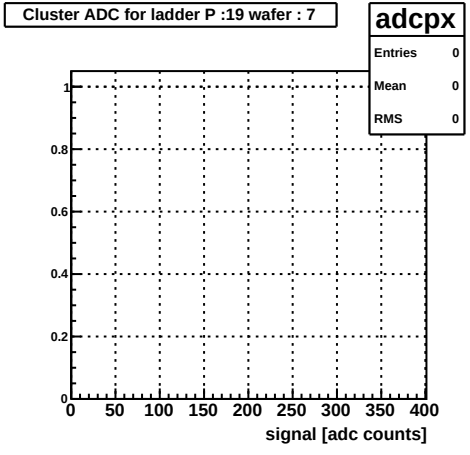

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

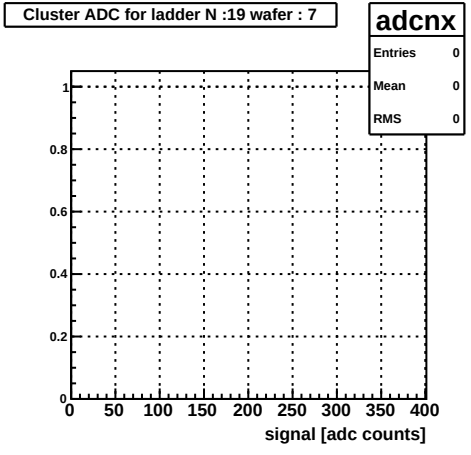

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

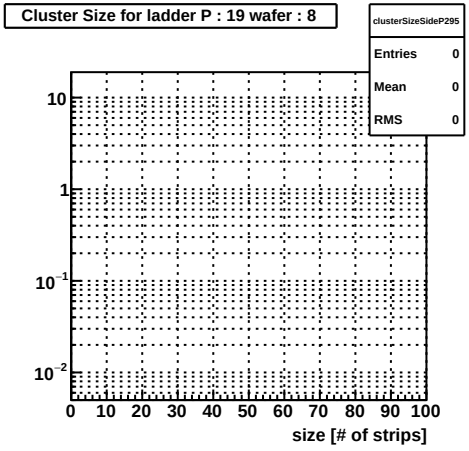

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

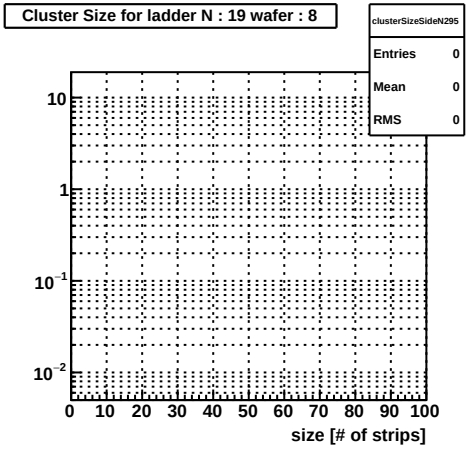

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

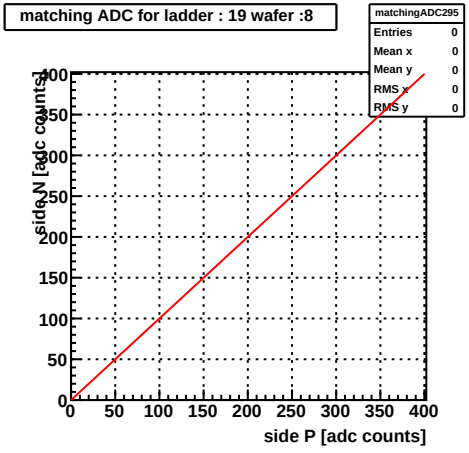

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

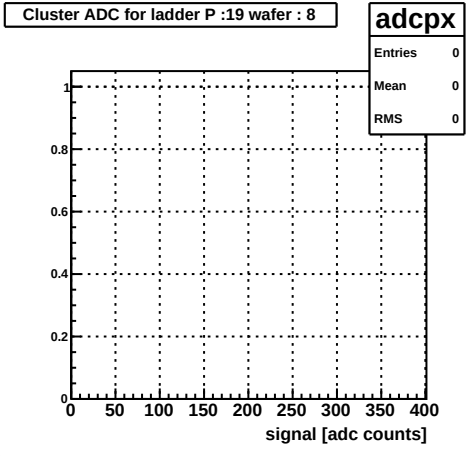

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

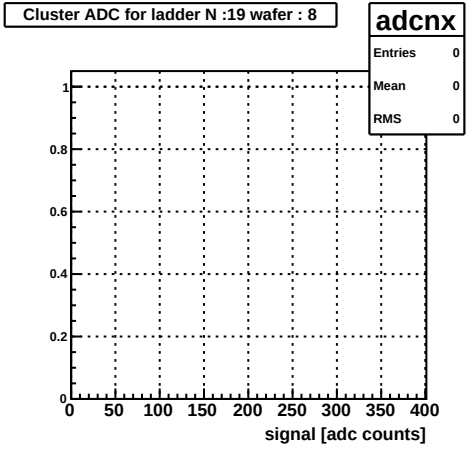

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

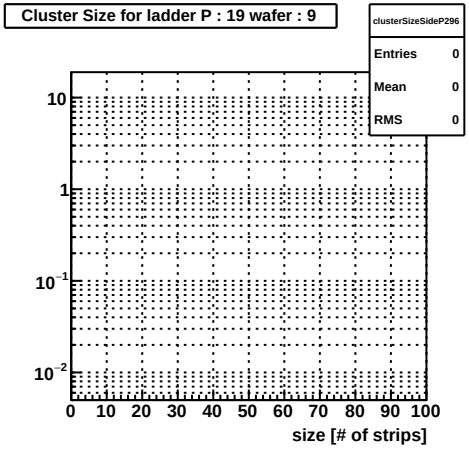

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

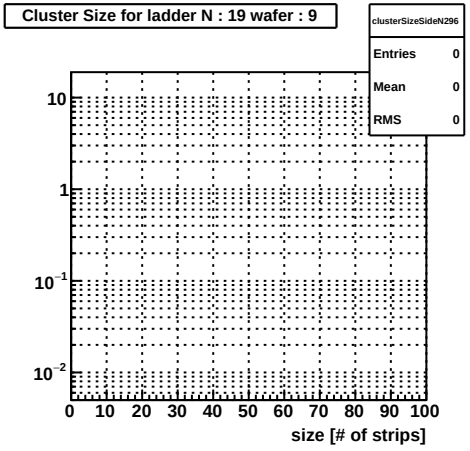

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

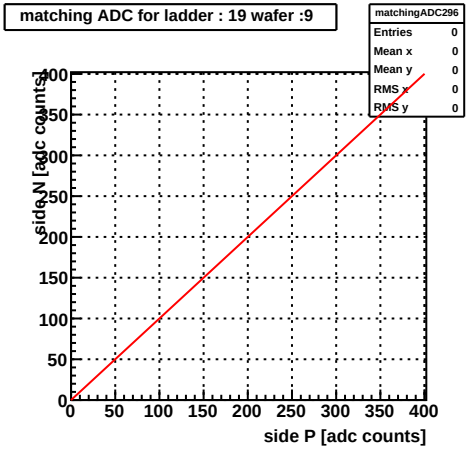

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

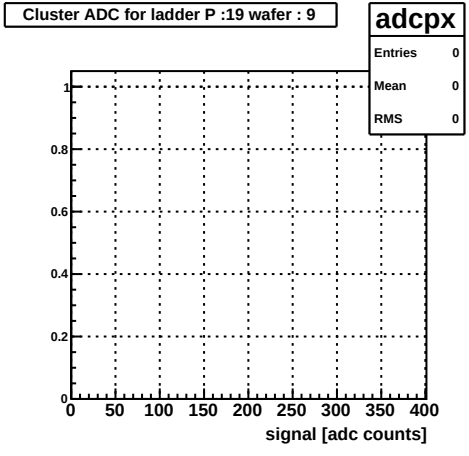

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

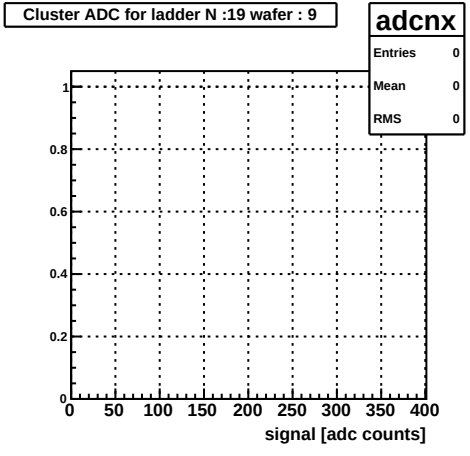

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

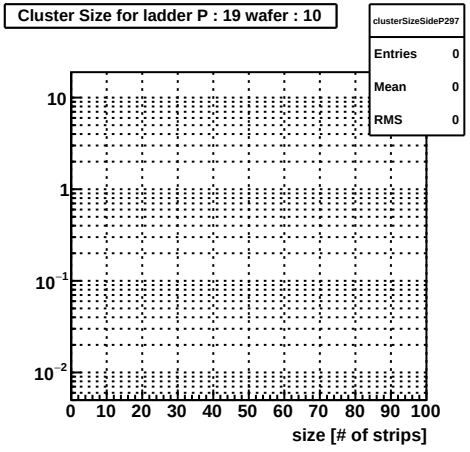

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

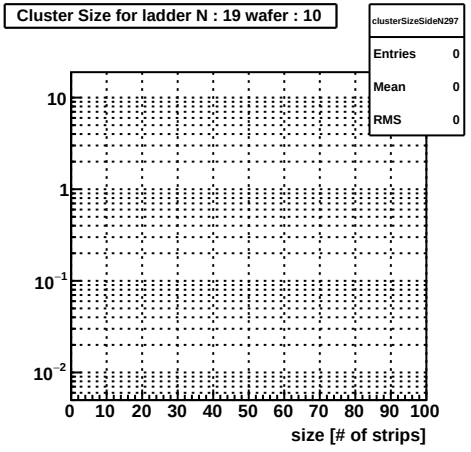

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

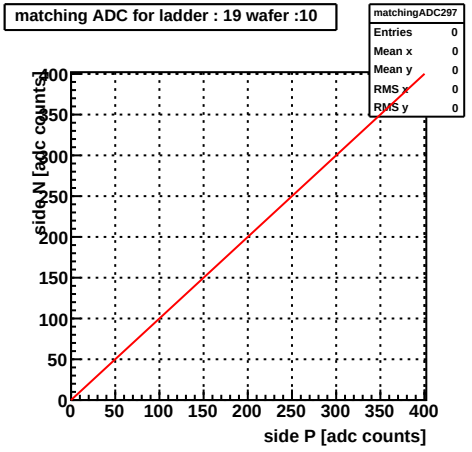

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

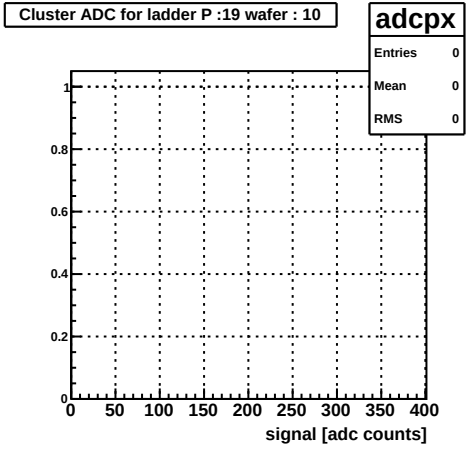

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

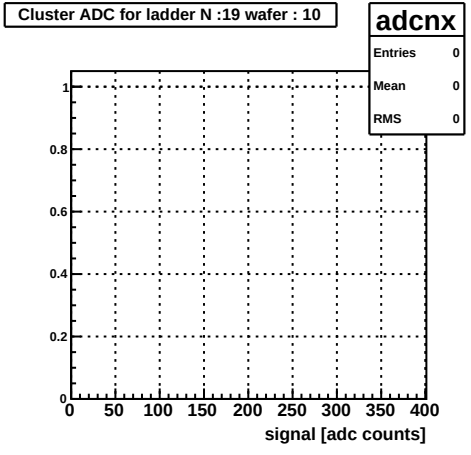

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

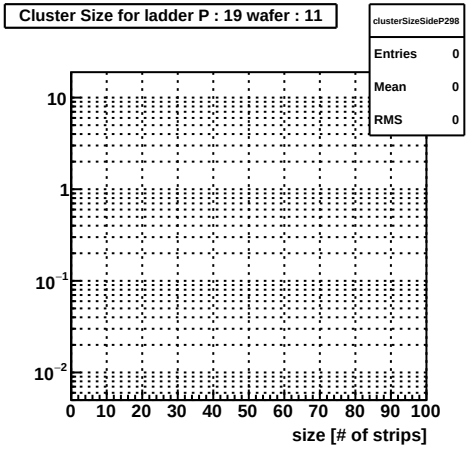

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

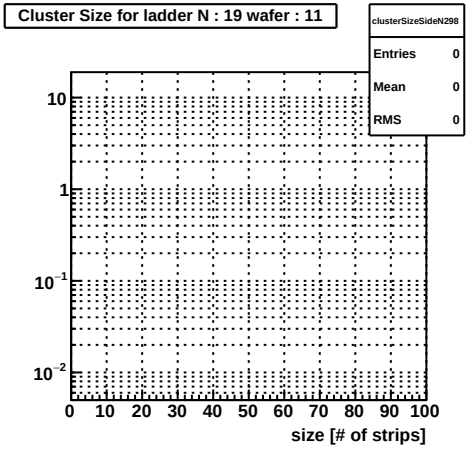

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

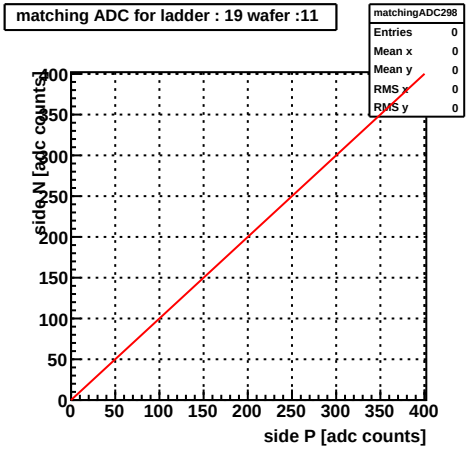

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

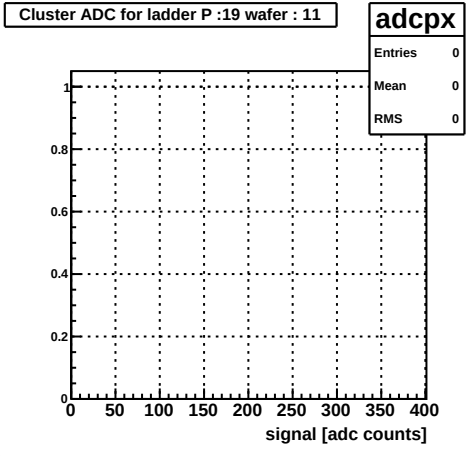

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

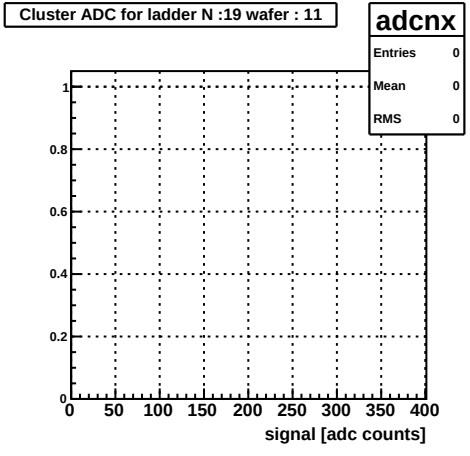

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

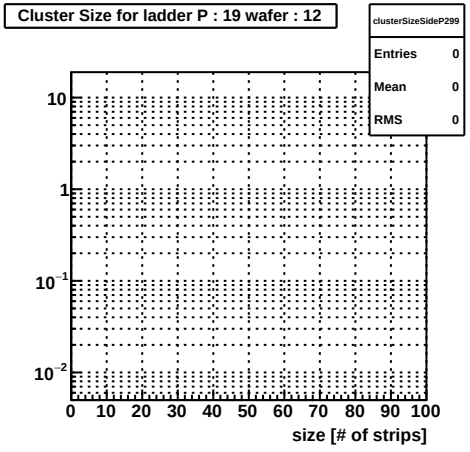

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

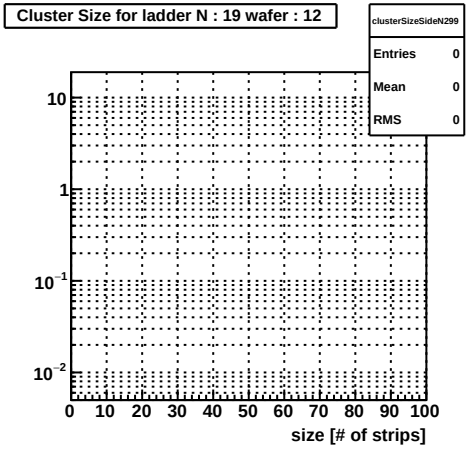

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

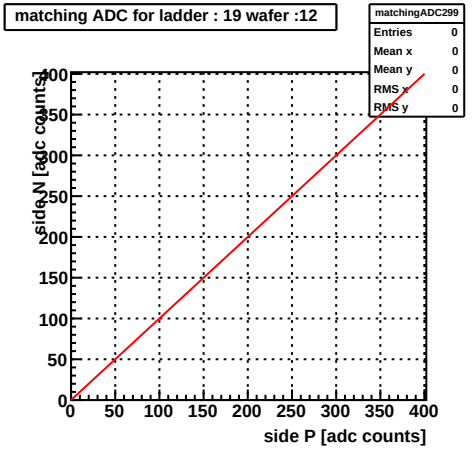

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

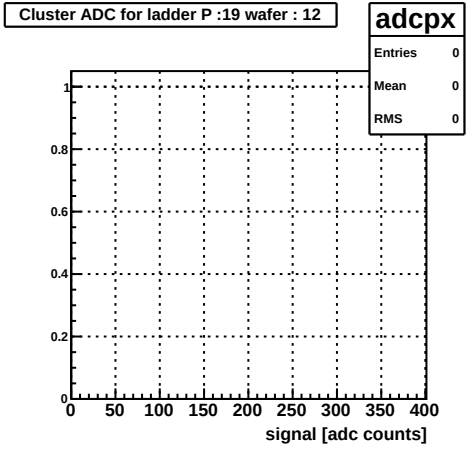

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

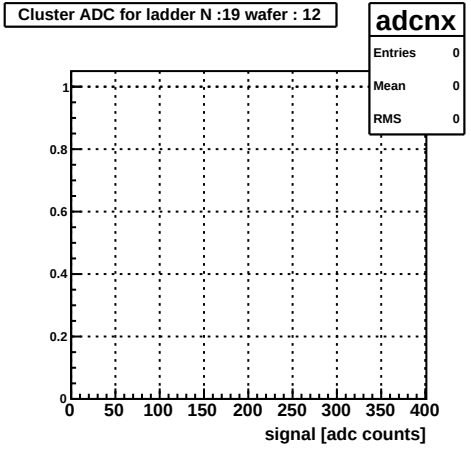

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

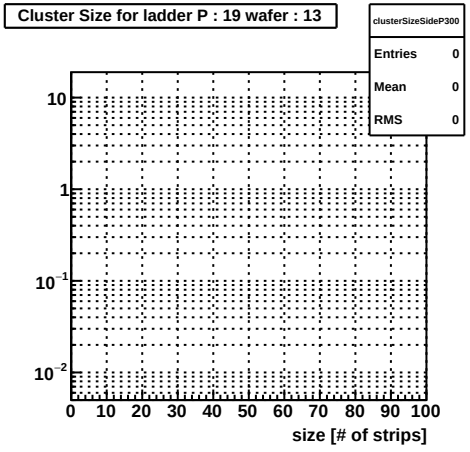

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

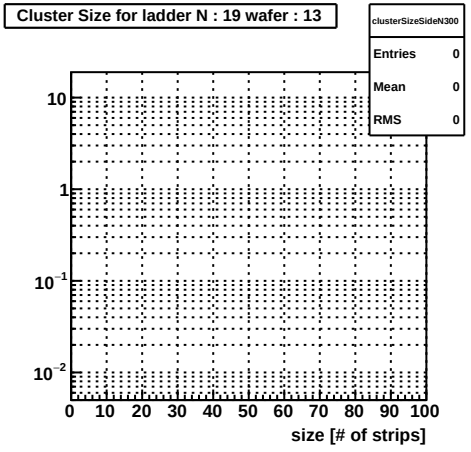

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

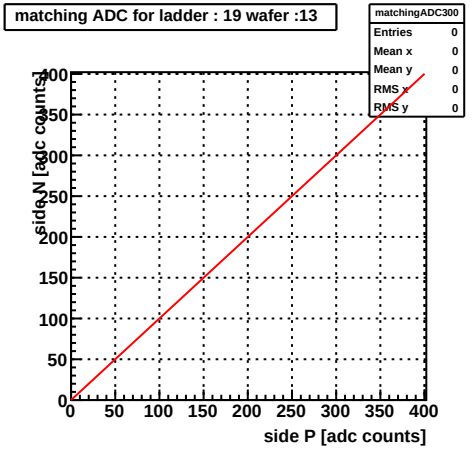

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

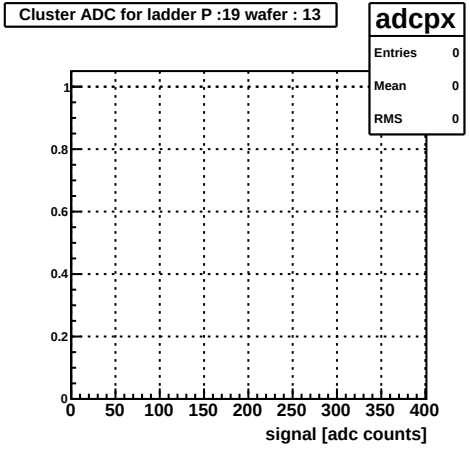

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

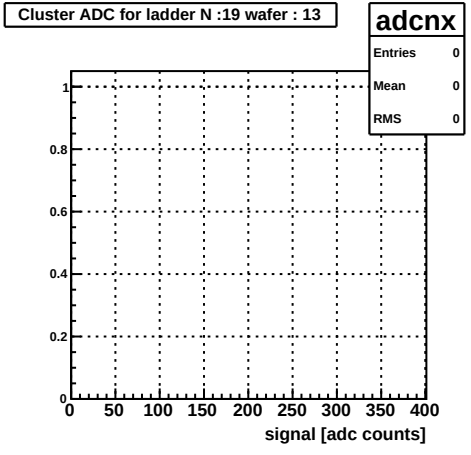

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

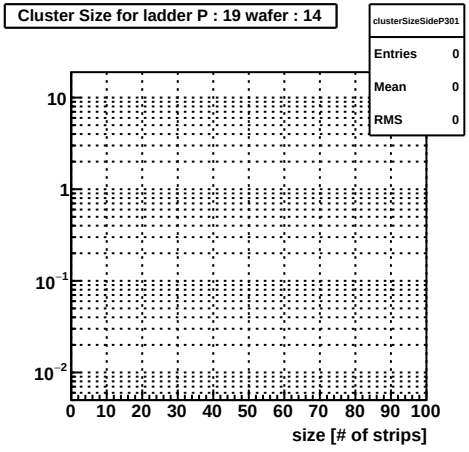

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

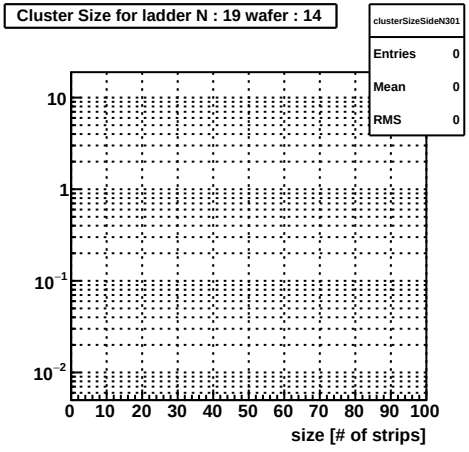

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

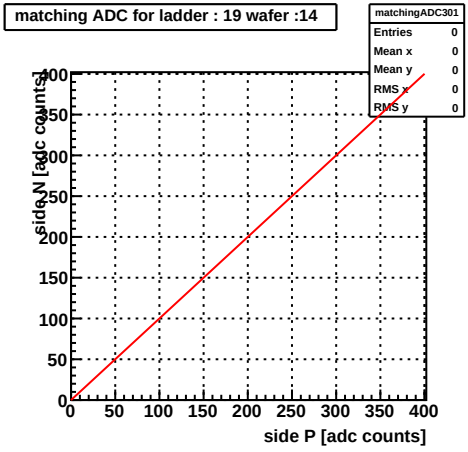

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

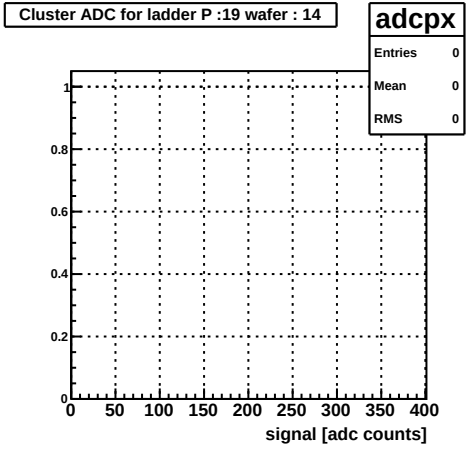

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

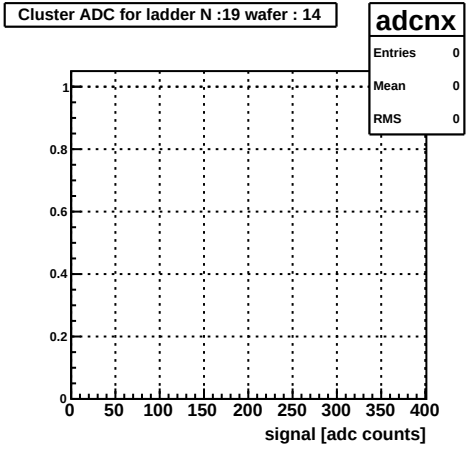

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

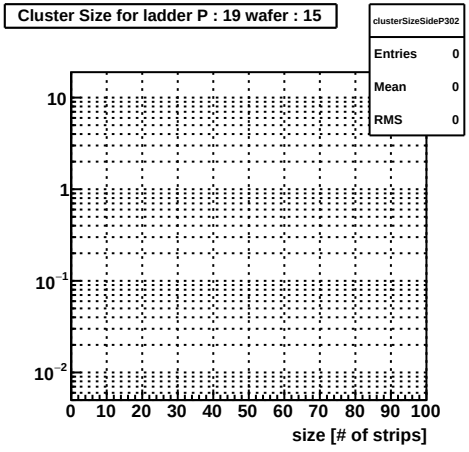

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

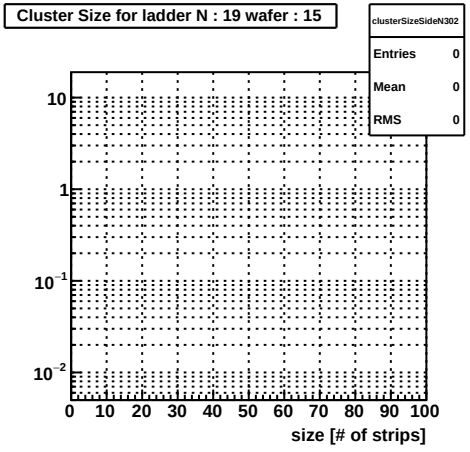

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

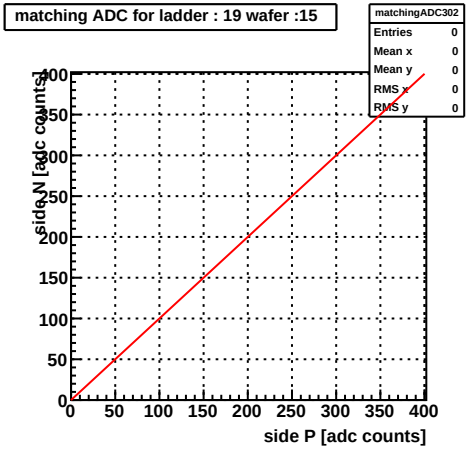

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

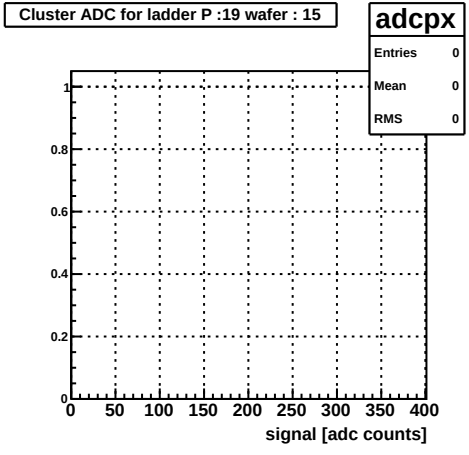

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

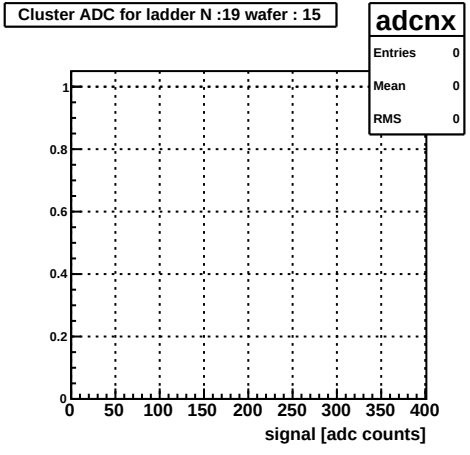

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

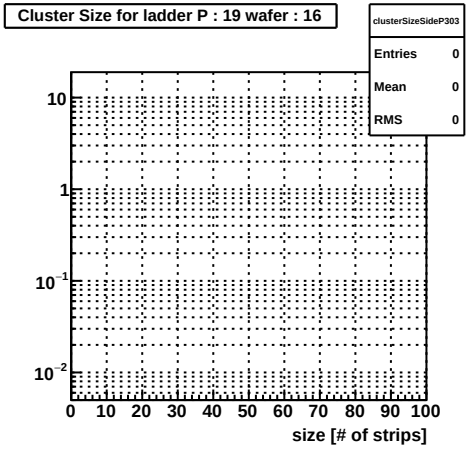

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

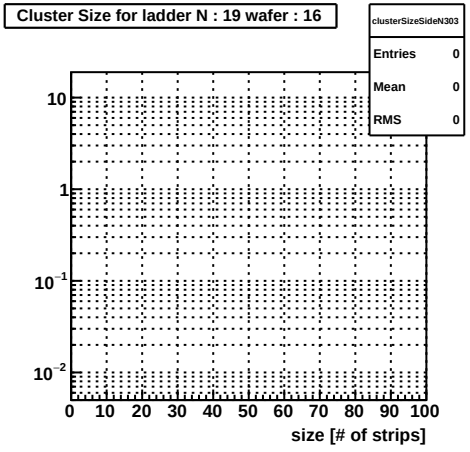

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

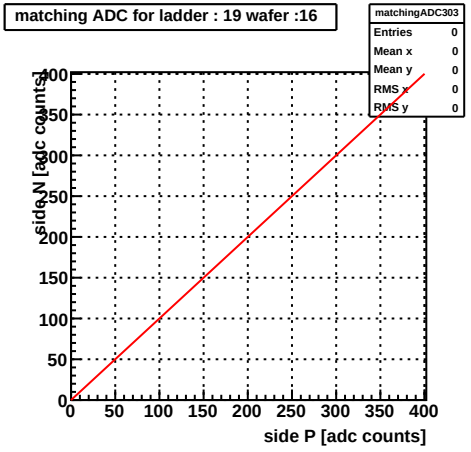

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

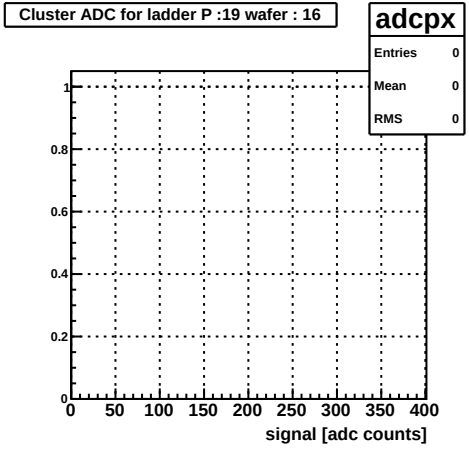

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

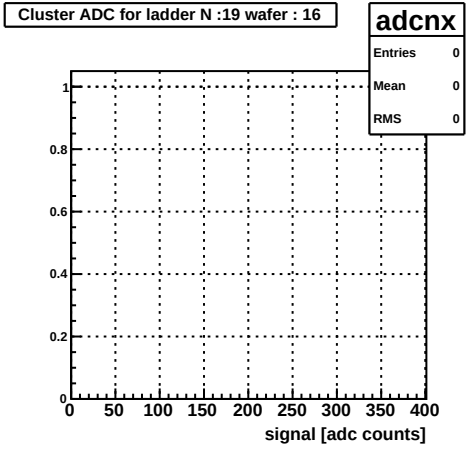

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

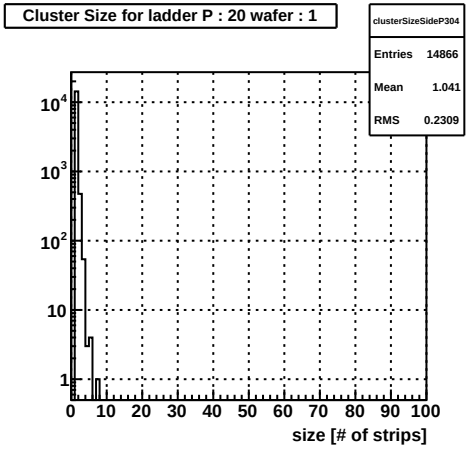

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

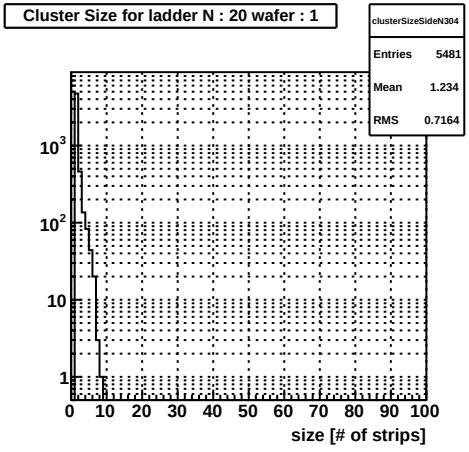

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

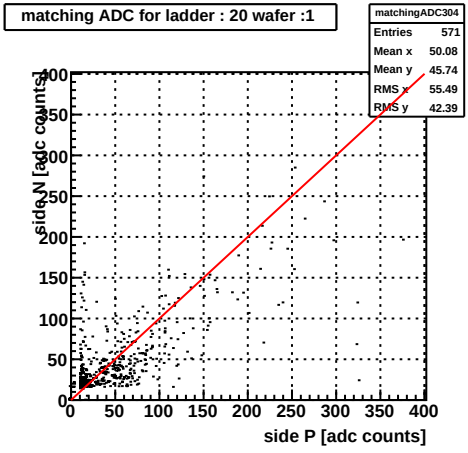

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

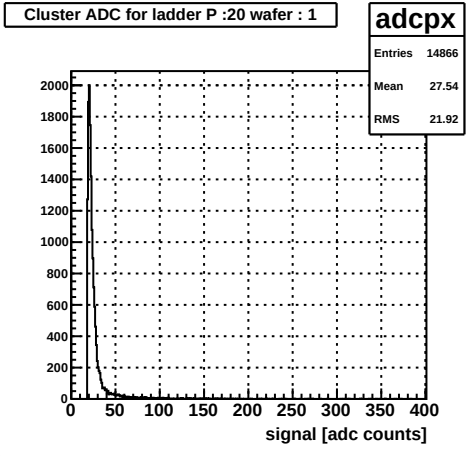

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

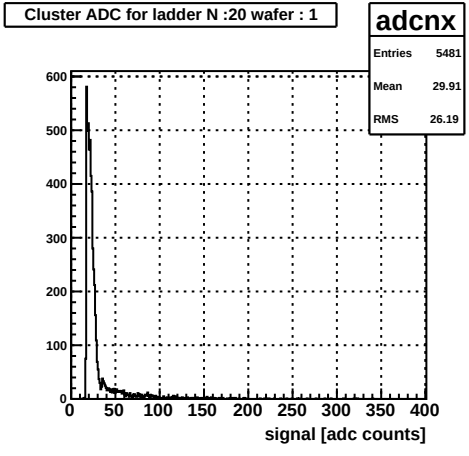

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

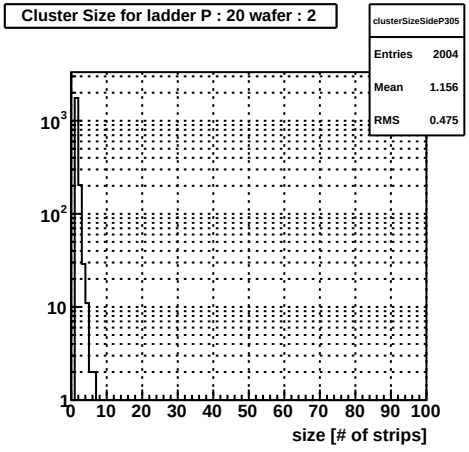

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 14866
Mean 1.041
RMS 0.2309
size [# of strips]

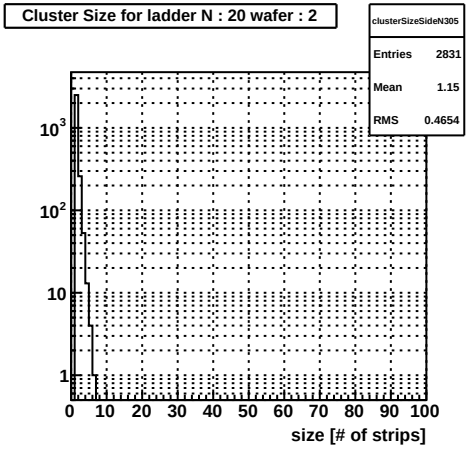

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5481
Mean 1.234
RMS 0.7164
size [# of strips]

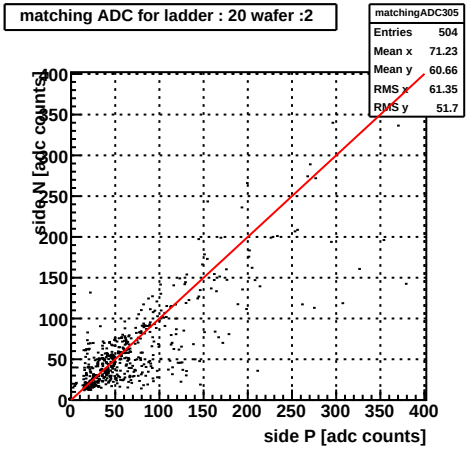

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 571
Mean x 50.08
Mean y 45.74
RMS x 55.49
RMS y 42.39
side N [adc counts]
side P [adc counts]

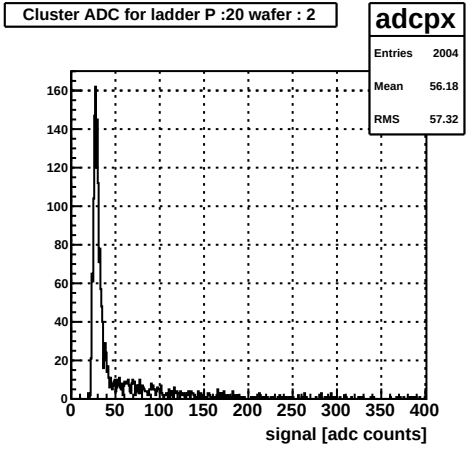

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 14866
Mean 27.54
RMS 21.92
signal [adc counts]

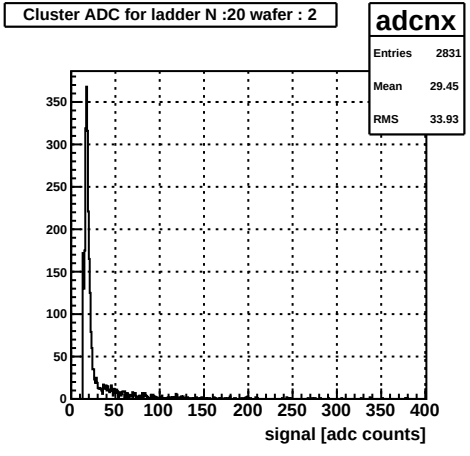

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5481
Mean 29.91
RMS 26.19
signal [adc counts]

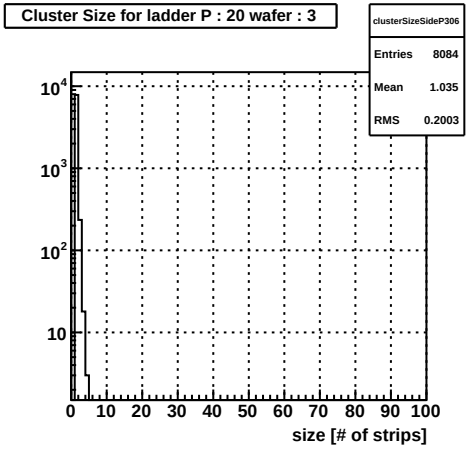

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2004
Mean 1.156
RMS 0.475
size [# of strips]

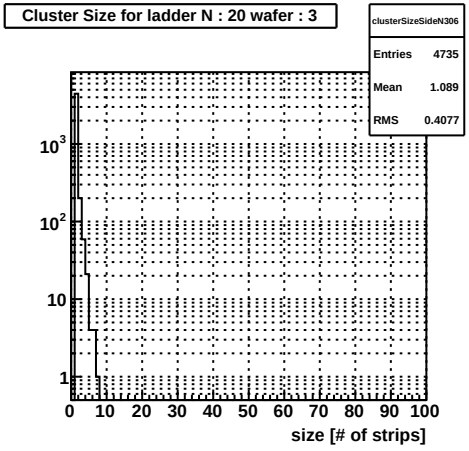

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2831
Mean 1.15
RMS 0.4654
size [# of strips]

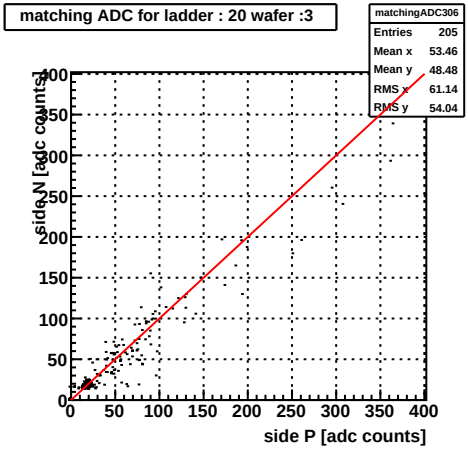

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 504
Mean x 71.23
Mean y 60.66
RMS x 61.35
RMS y 51.7
side N [adc counts]
side P [adc counts]

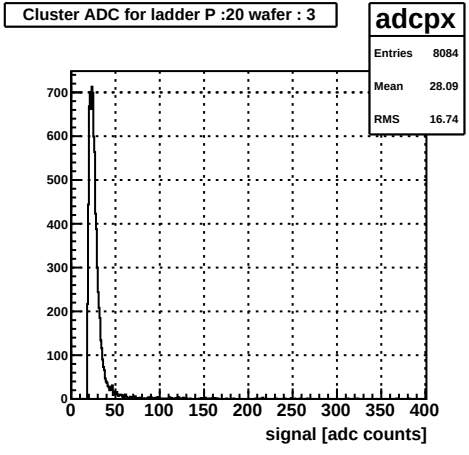

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2004
Mean 56.18
RMS 57.32
signal [adc counts]

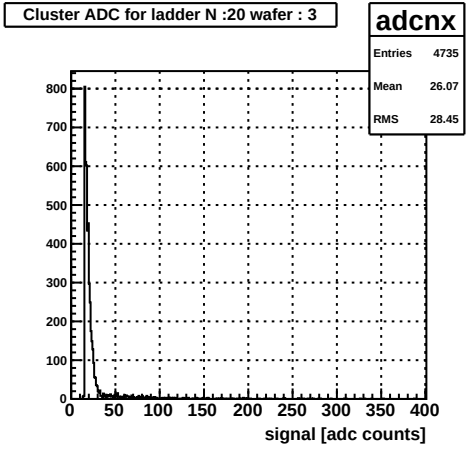

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2831
Mean 29.45
RMS 33.93
signal [adc counts]

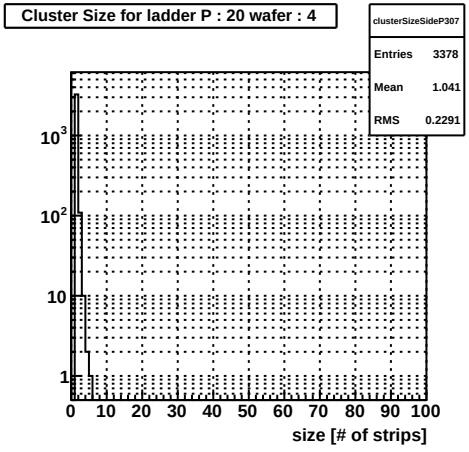

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 8084
Mean 1.035
RMS 0.2003
size [# of strips]

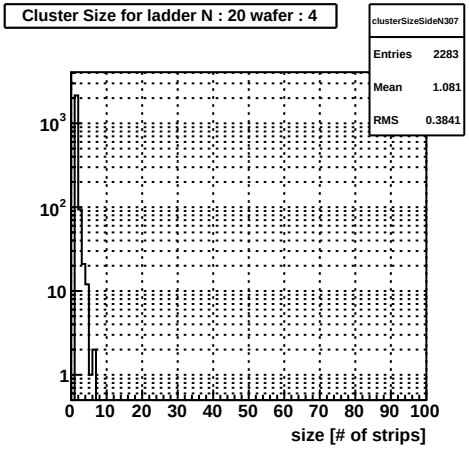

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 4735
Mean 1.089
RMS 0.4077
size [# of strips]

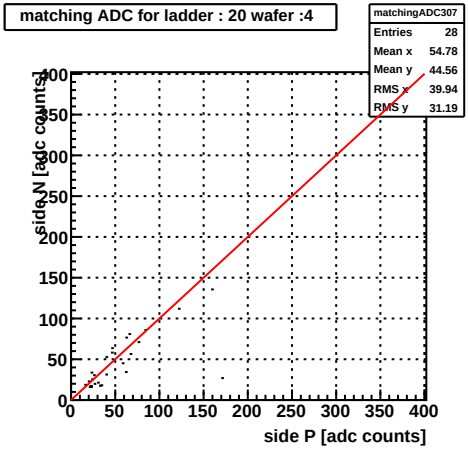

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 205
Mean x 53.46
Mean y 48.48
RMS x 61.14
RMS y 54.04
side N [adc counts]
side P [adc counts]

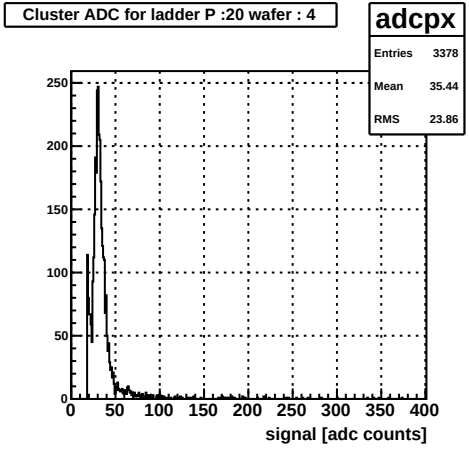

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 8084
Mean 28.09
RMS 16.74
signal [adc counts]

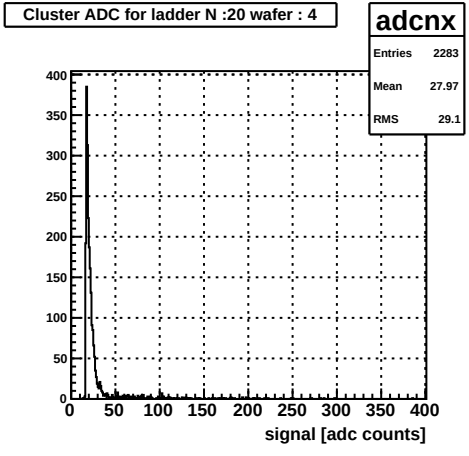

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 4735
Mean 26.07
RMS 28.45
signal [adc counts]

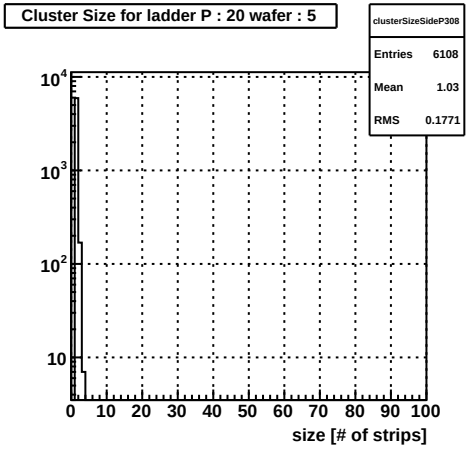

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3378
Mean 1.041
RMS 0.2291
size [# of strips]

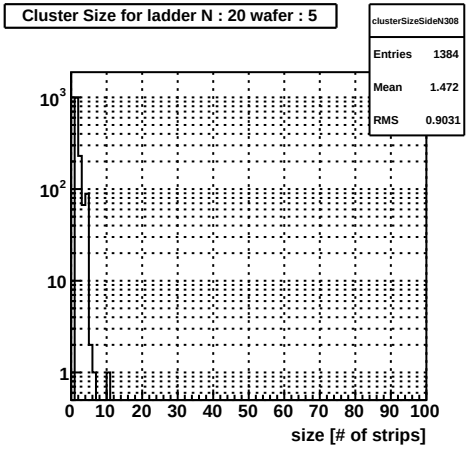

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2283
Mean 1.081
RMS 0.3841
size [# of strips]

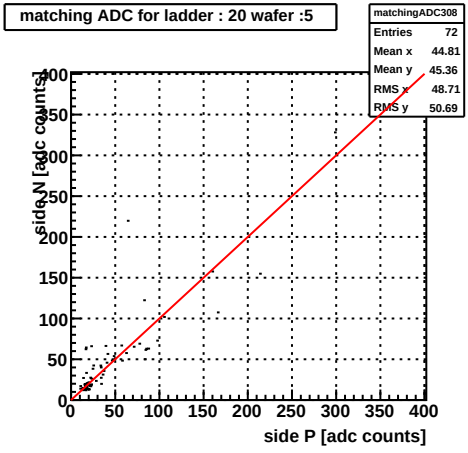

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 28
Mean x 54.78
Mean y 44.56
RMS x 39.94
RMS y 31.19
side N [adc counts]
side P [adc counts]

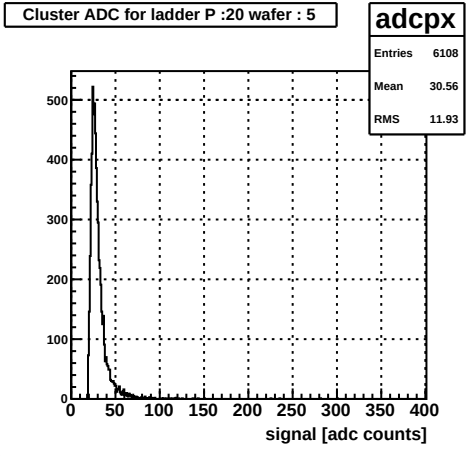

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3378
Mean 35.44
RMS 23.86
signal [adc counts]

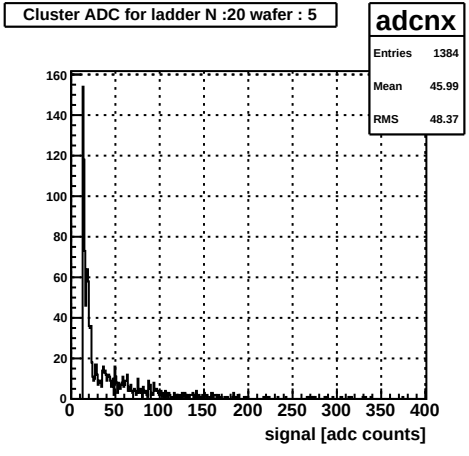

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2283
Mean 27.97
RMS 29.1
signal [adc counts]

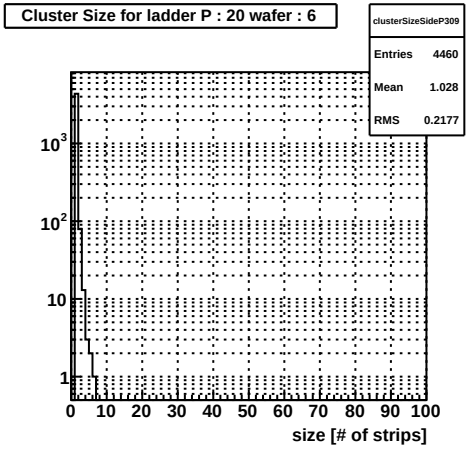

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 6108
Mean 1.03
RMS 0.1771
size [# of strips]

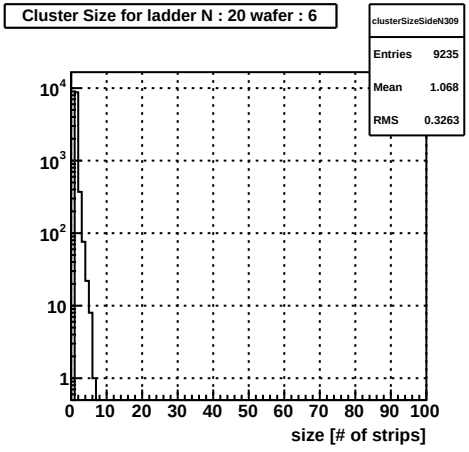

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1384
Mean 1.472
RMS 0.9031
size [# of strips]

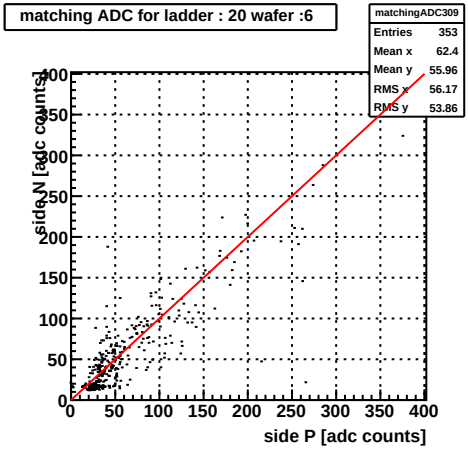

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 72
Mean x 44.81
Mean y 45.36
RMS x 48.71
RMS y 50.69
side N [adc counts]
side P [adc counts]

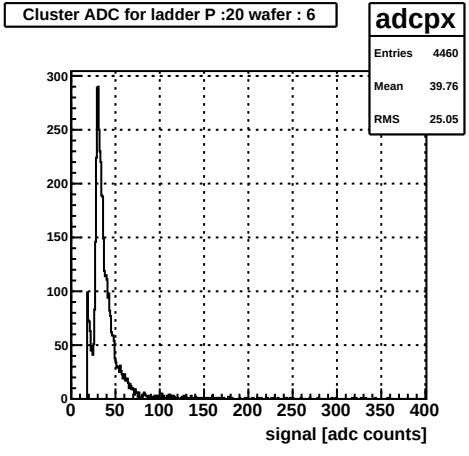

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 6108
Mean 30.56
RMS 11.93
signal [adc counts]

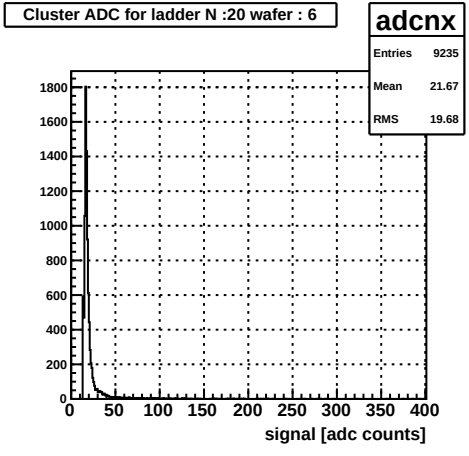

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1384
Mean 45.99
RMS 48.37
signal [adc counts]

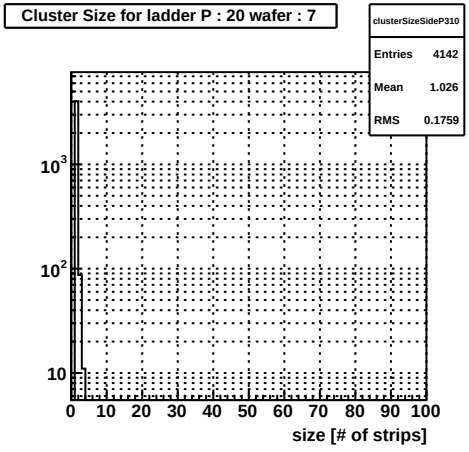

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4460
Mean 1.028
RMS 0.2177
size [# of strips]

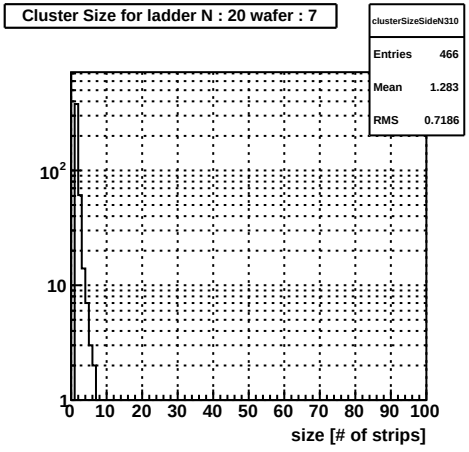

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9235
Mean 1.068
RMS 0.3263
size [# of strips]

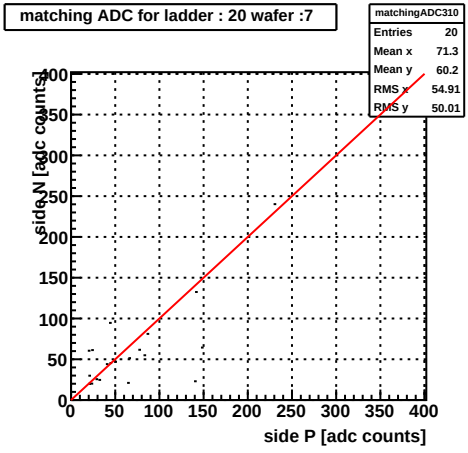

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 353
Mean x 62.4
Mean y 55.96
RMS x 56.17
RMS y 53.86
side N [adc counts]
side P [adc counts]

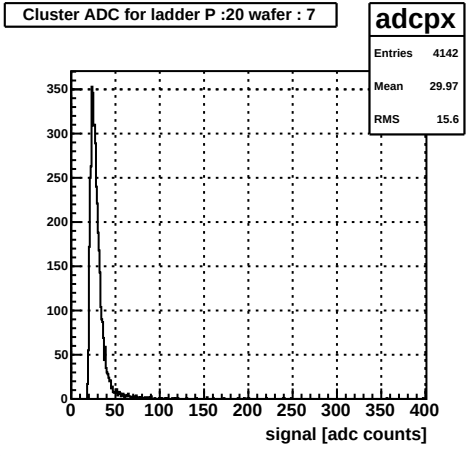

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4460
Mean 39.76
RMS 25.05
signal [adc counts]

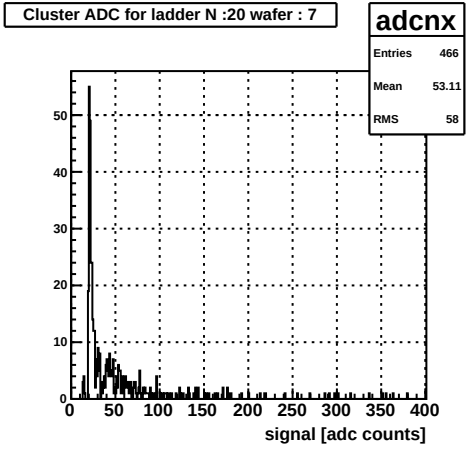

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9235
Mean 21.67
RMS 19.68
signal [adc counts]

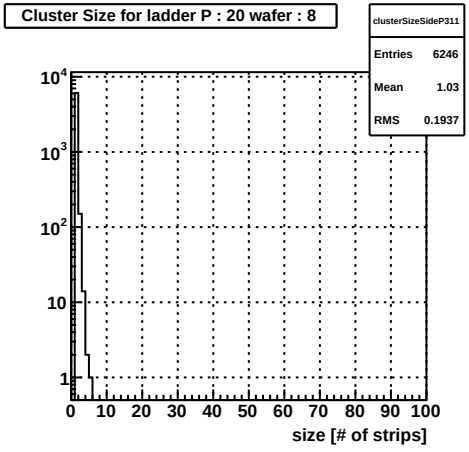

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4142
Mean 1.026
RMS 0.1759
size [# of strips]

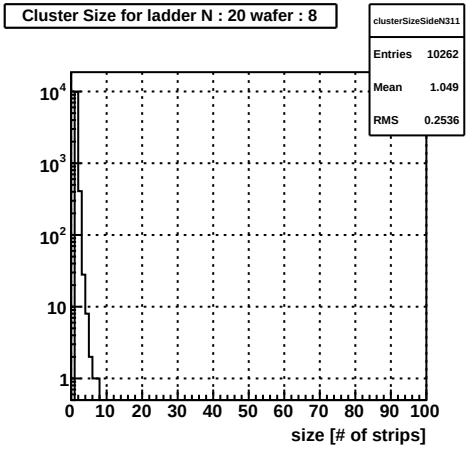

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 466
Mean 1.283
RMS 0.7186
size [# of strips]

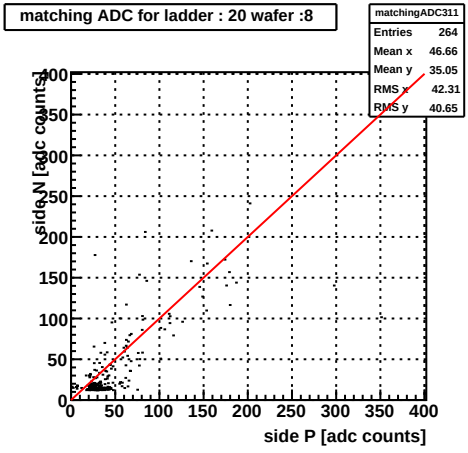

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 20
Mean x 71.3
Mean y 60.2
RMS x 54.91
RMS y 50.01
side N [adc counts]
side P [adc counts]

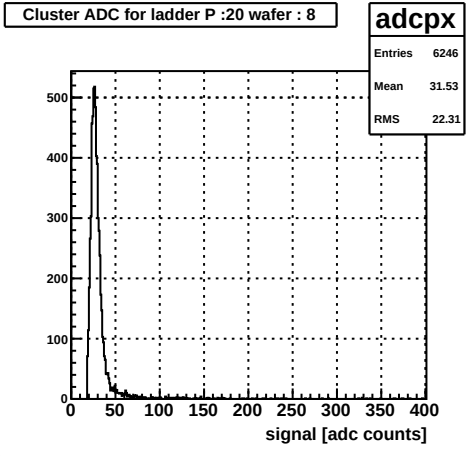

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4142
Mean 29.97
RMS 15.6
signal [adc counts]

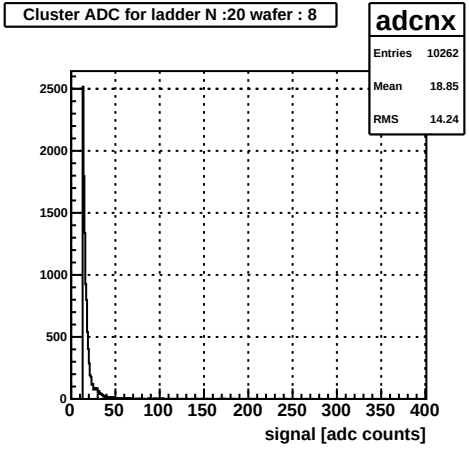

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 466
Mean 53.11
RMS 58
signal [adc counts]

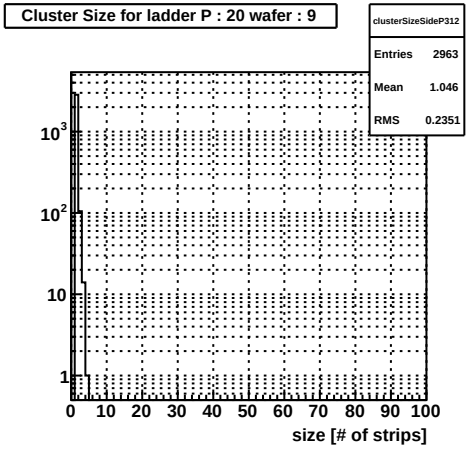

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6246
Mean 1.03
RMS 0.1937
size [# of strips]

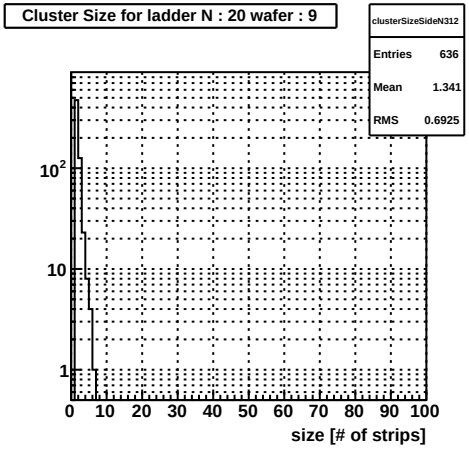

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10262
Mean 1.049
RMS 0.2536
size [# of strips]

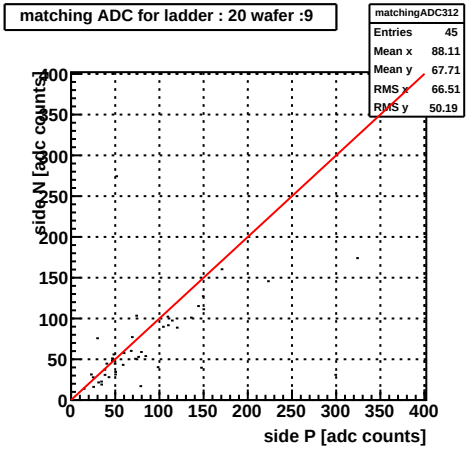

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 264
Mean x 46.66
Mean y 35.05
RMS x 42.31
RMS y 40.65
side N [adc counts]
side P [adc counts]

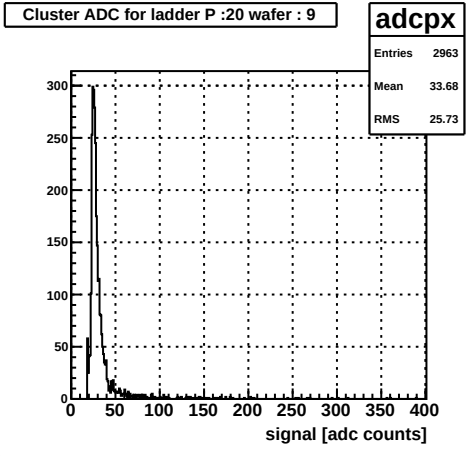

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6246
Mean 31.53
RMS 22.31
signal [adc counts]

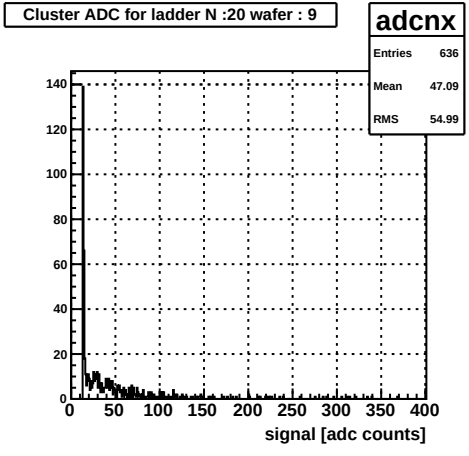

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10262
Mean 18.85
RMS 14.24
signal [adc counts]

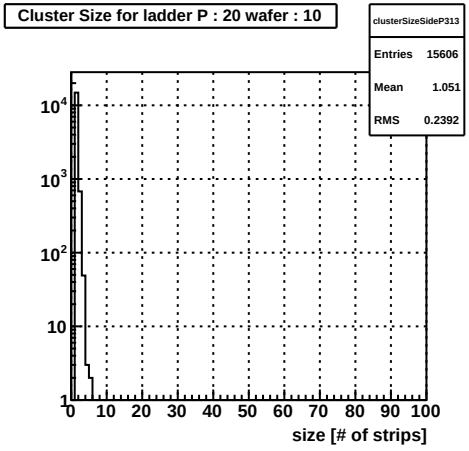

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2963
Mean 1.046
RMS 0.2351
size [# of strips]

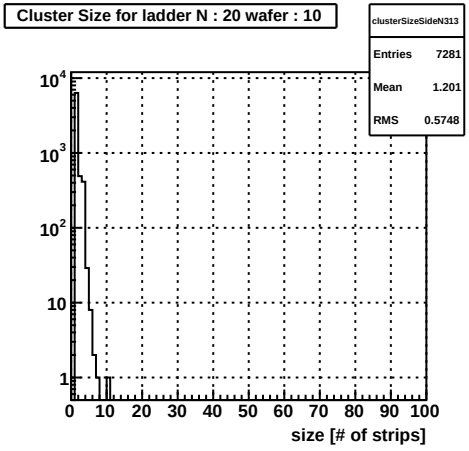

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 636
Mean 1.341
RMS 0.6925
size [# of strips]

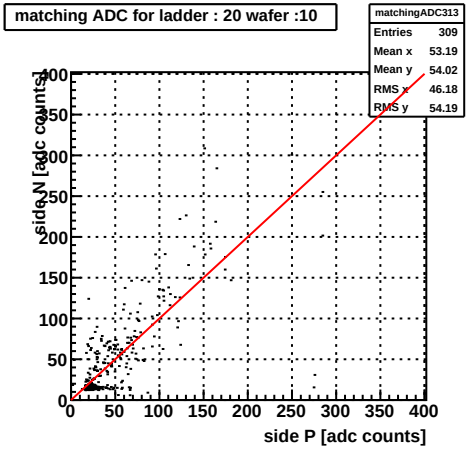

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 45
Mean x 88.11
Mean y 67.71
RMS x 66.51
RMS y 50.19
side N [adc counts]
side P [adc counts]

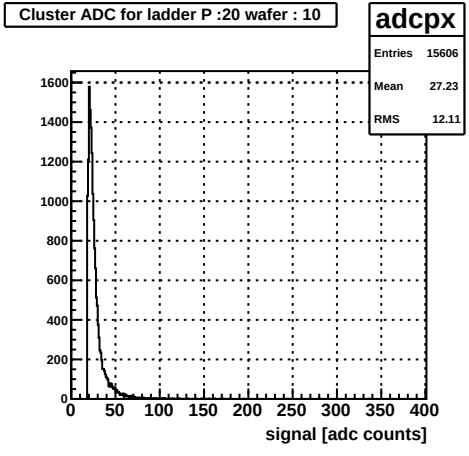

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2963
Mean 33.68
RMS 25.73
signal [adc counts]

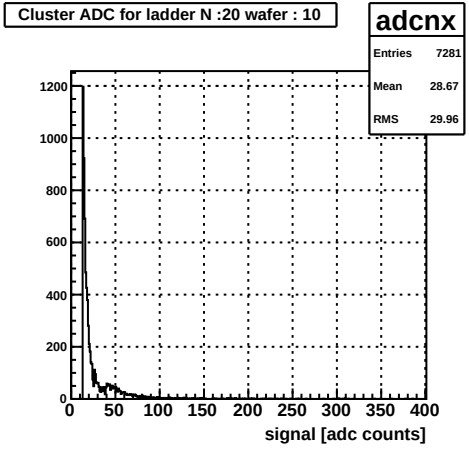

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 636
Mean 47.09
RMS 54.99
signal [adc counts]

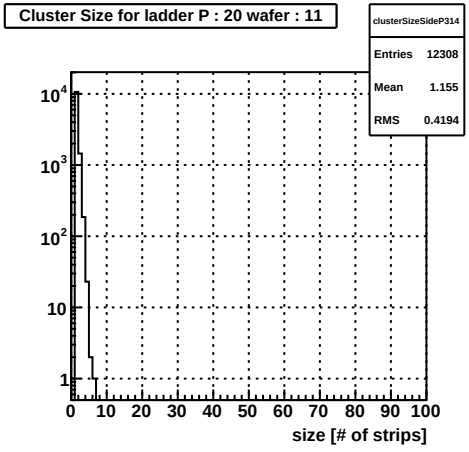

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 15606
Mean 1.051
RMS 0.2392
size [# of strips]

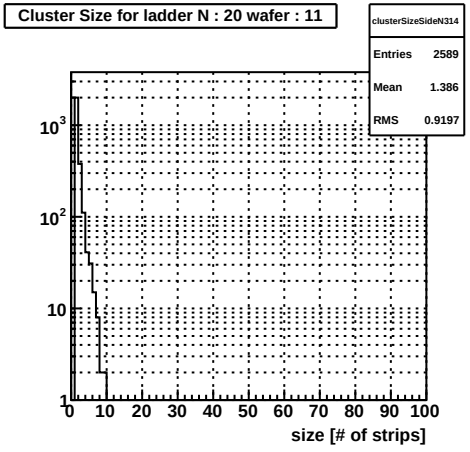

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7281
Mean 1.201
RMS 0.5748
size [# of strips]

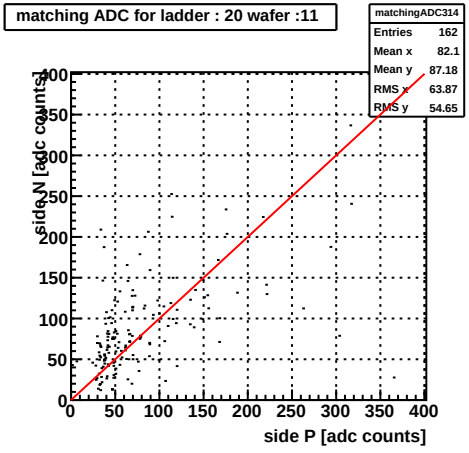

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 309
Mean x 53.19
Mean y 54.02
RMS x 46.18
RMS y 54.19
side N [adc counts]
side P [adc counts]

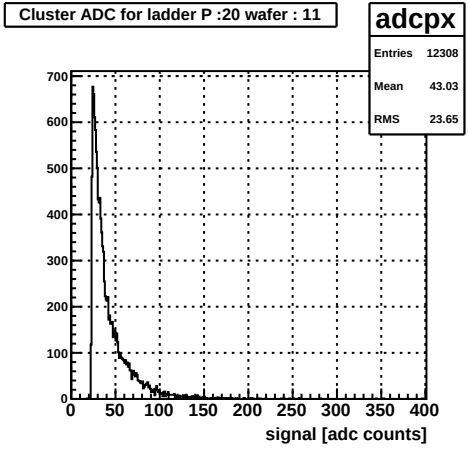

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 15606
Mean 27.23
RMS 12.11
signal [adc counts]

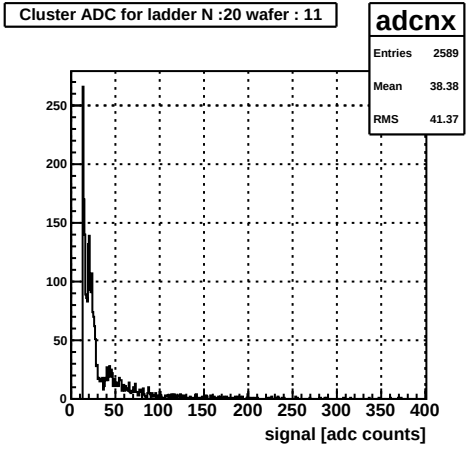

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7281
Mean 28.67
RMS 29.96
signal [adc counts]

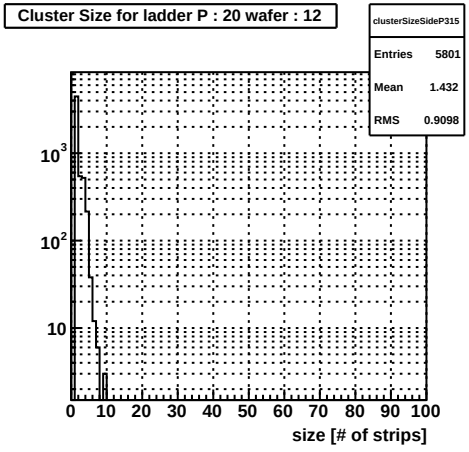

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 12308
Mean 1.155
RMS 0.4194
size [# of strips]

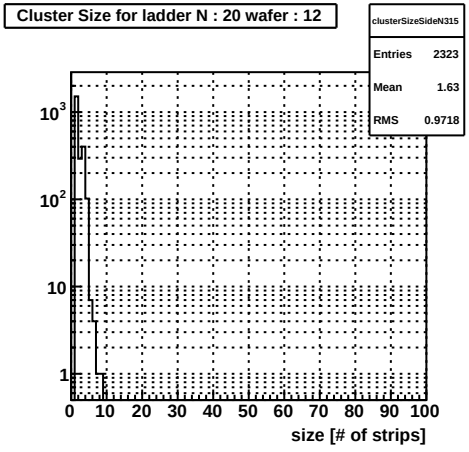

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2589
Mean 1.386
RMS 0.9197
size [# of strips]

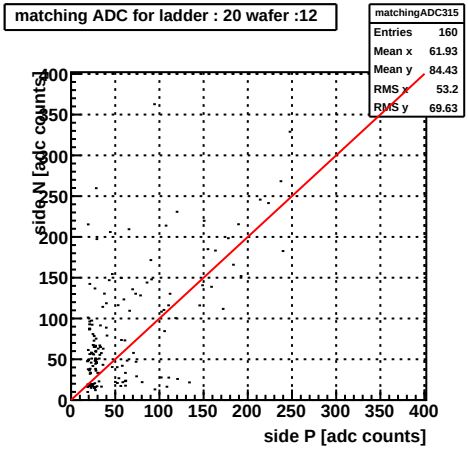

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 162
Mean x 82.1
Mean y 87.18
RMS x 63.87
RMS y 54.65
side N [adc counts]
side P [adc counts]

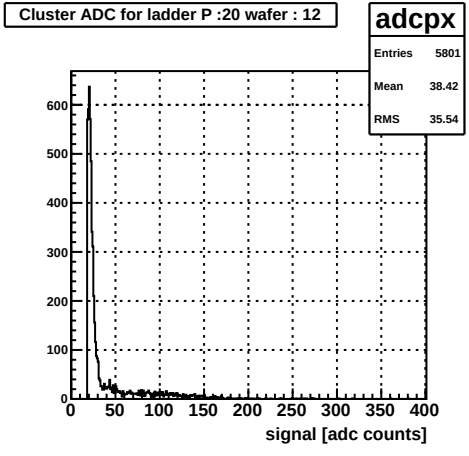

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 12308
Mean 43.03
RMS 23.65
signal [adc counts]

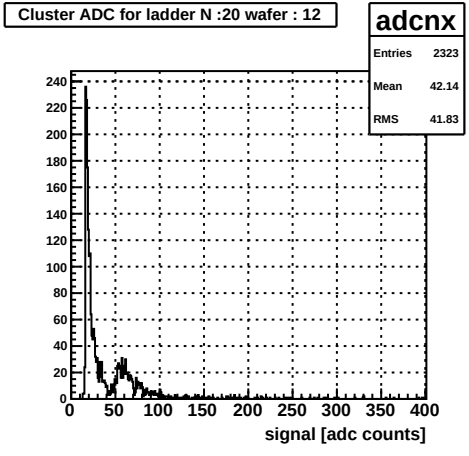

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2589
Mean 38.38
RMS 41.37
signal [adc counts]

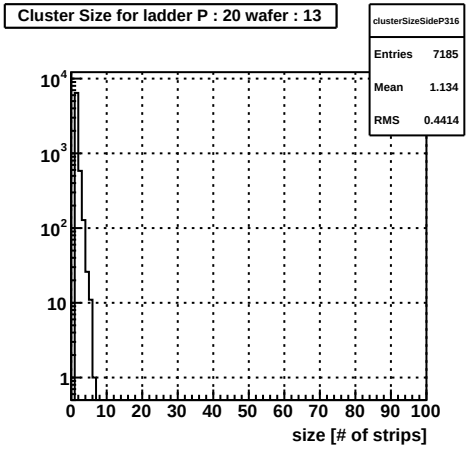

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5801
Mean 1.432
RMS 0.9098
size [# of strips]

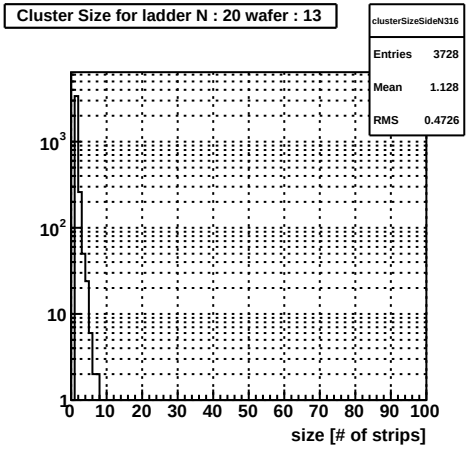

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2323
Mean 1.63
RMS 0.9718
size [# of strips]

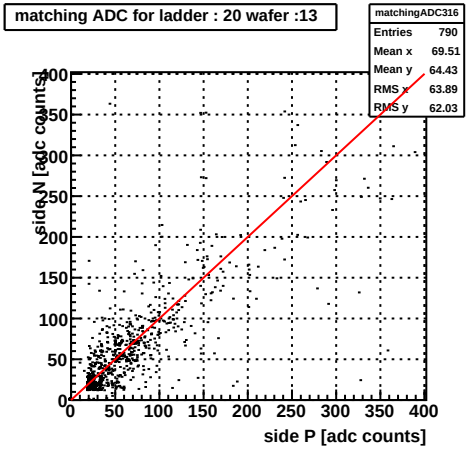

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 160
Mean x 61.93
Mean y 84.43
RMS x 53.2
RMS y 69.63
side N [adc counts]
side P [adc counts]

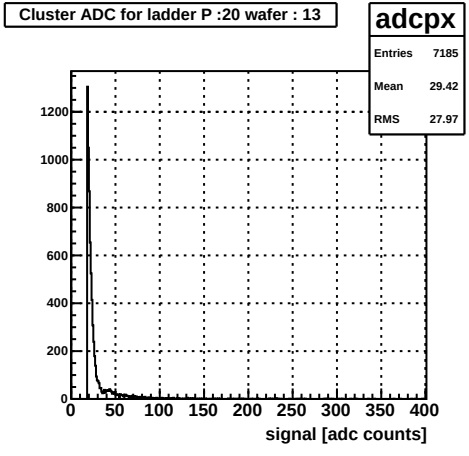

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5801
Mean 38.42
RMS 35.54
signal [adc counts]

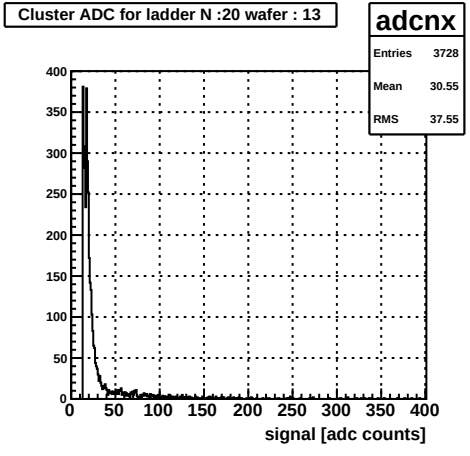

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2323
Mean 42.14
RMS 41.83
signal [adc counts]

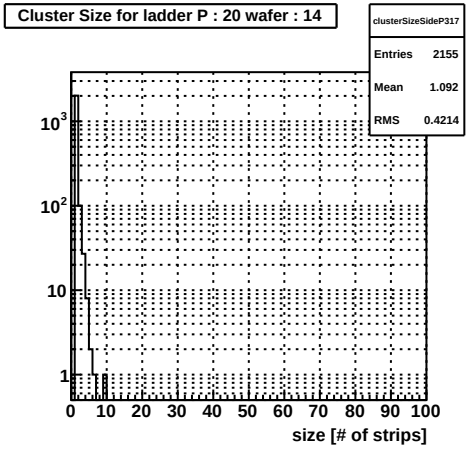

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 7185
Mean 1.134
RMS 0.4414
size [# of strips]

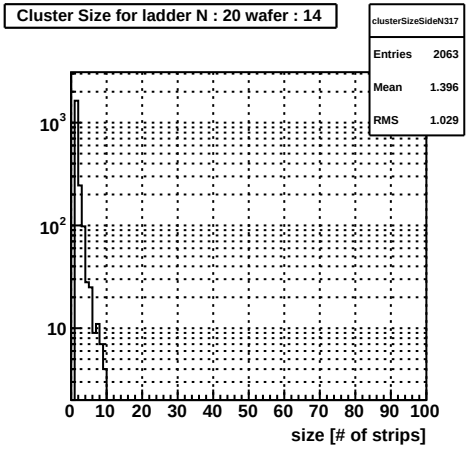

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3728
Mean 1.128
RMS 0.4726
size [# of strips]

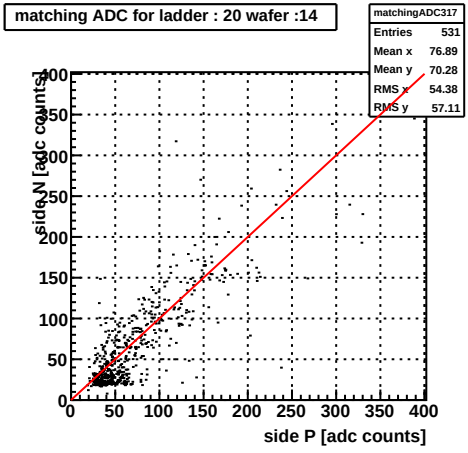

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 790
Mean x 69.51
Mean y 64.43
RMS x 63.89
RMS y 62.03
side N [adc counts]
side P [adc counts]

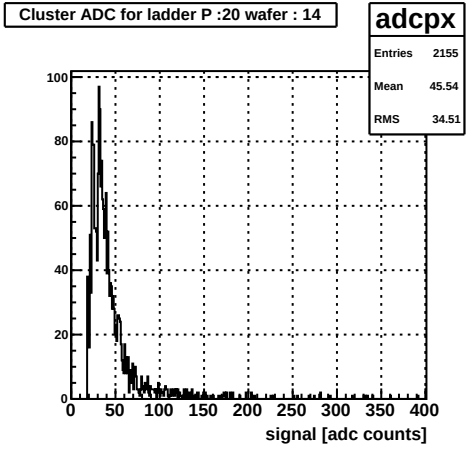

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 7185
Mean 29.42
RMS 27.97
signal [adc counts]

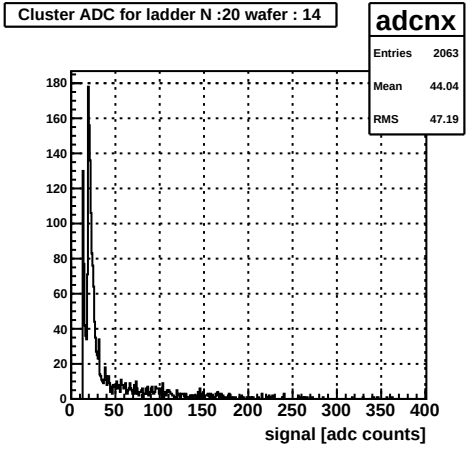

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3728
Mean 30.55
RMS 37.55
signal [adc counts]

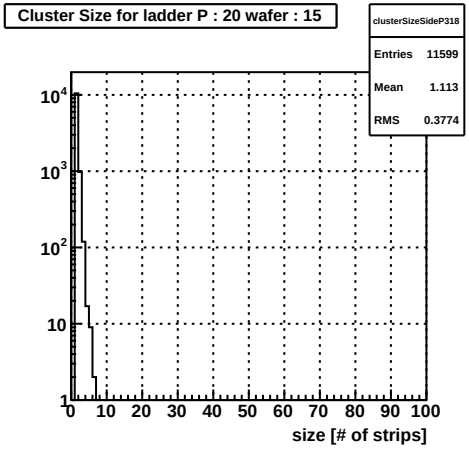

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2155
Mean 1.092
RMS 0.4214
size [# of strips]

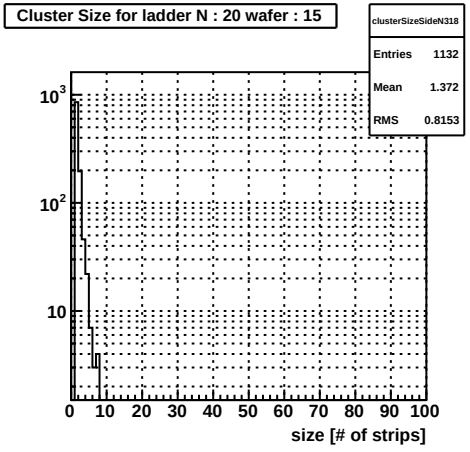

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2063
Mean 1.396
RMS 1.029
size [# of strips]

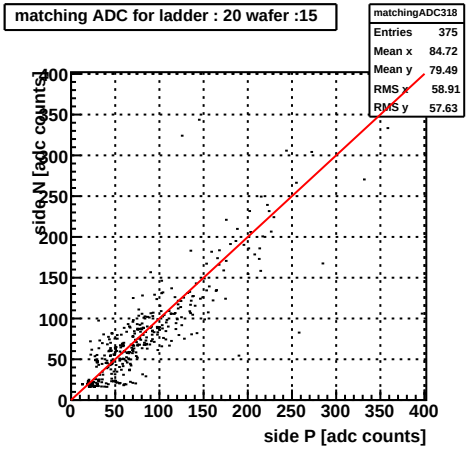

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 531
Mean x 76.89
Mean y 70.28
RMS x 54.38
RMS y 57.11
side N [adc counts]
side P [adc counts]

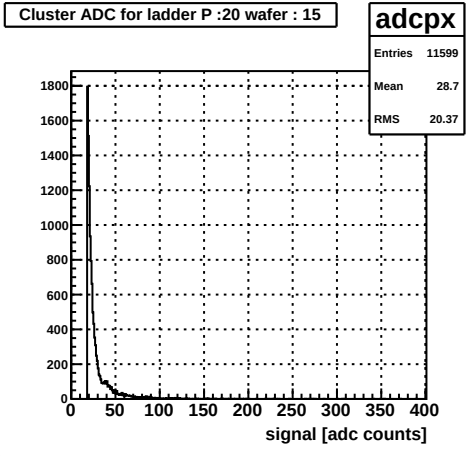

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2155
Mean 45.54
RMS 34.51
signal [adc counts]

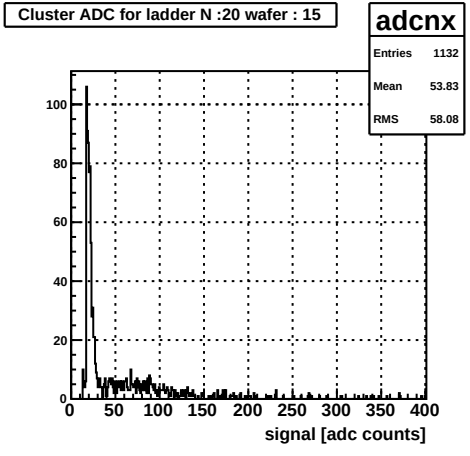

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2063
Mean 44.04
RMS 47.19
signal [adc counts]

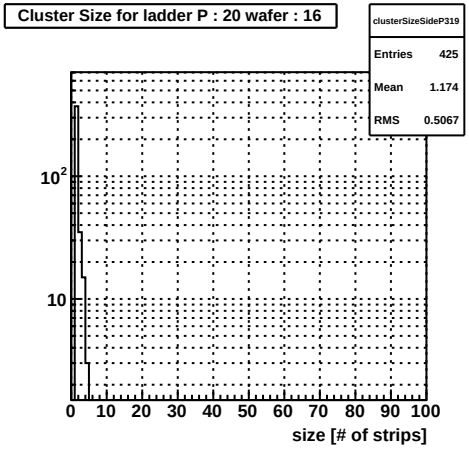

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 11599
Mean 1.113
RMS 0.3774
size [# of strips]

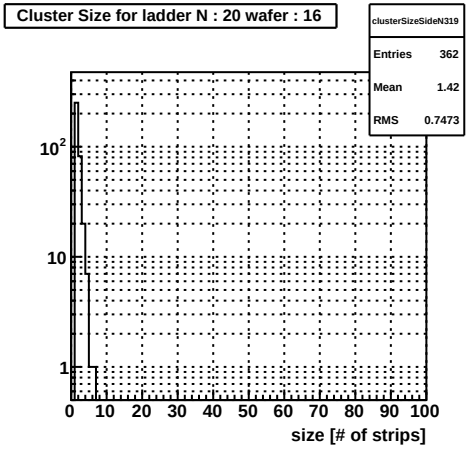

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1132
Mean 1.372
RMS 0.8153
size [# of strips]

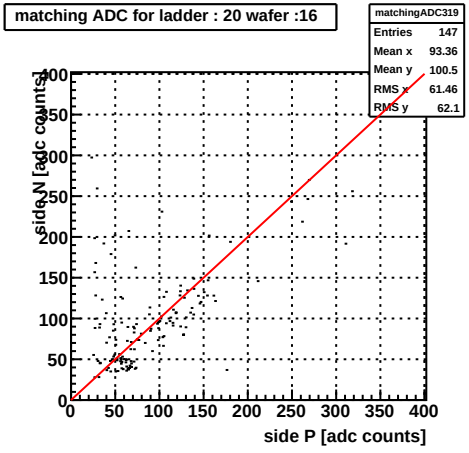

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 375
Mean x 84.72
Mean y 79.49
RMS x 58.91
RMS y 57.63
side N [adc counts]
side P [adc counts]

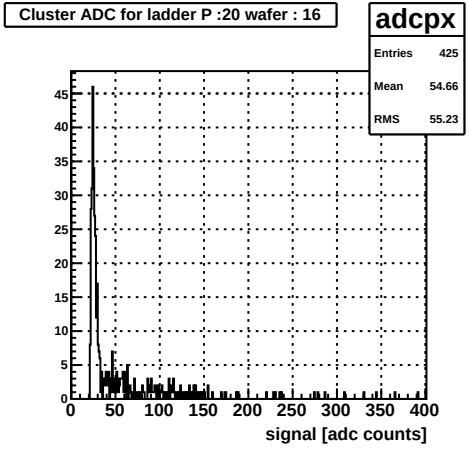

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 11599
Mean 28.7
RMS 20.37
signal [adc counts]

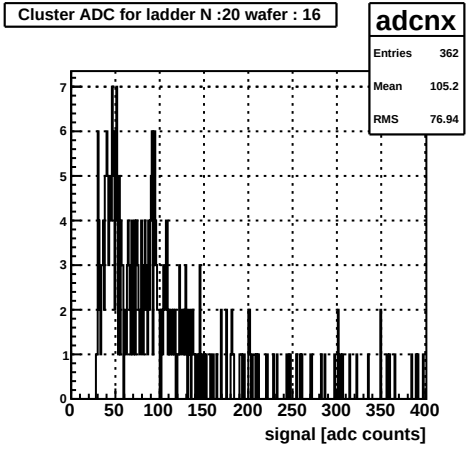

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1132
Mean 53.83
RMS 58.08
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 425
Mean 1.174
RMS 0.5067
size [# of strips]

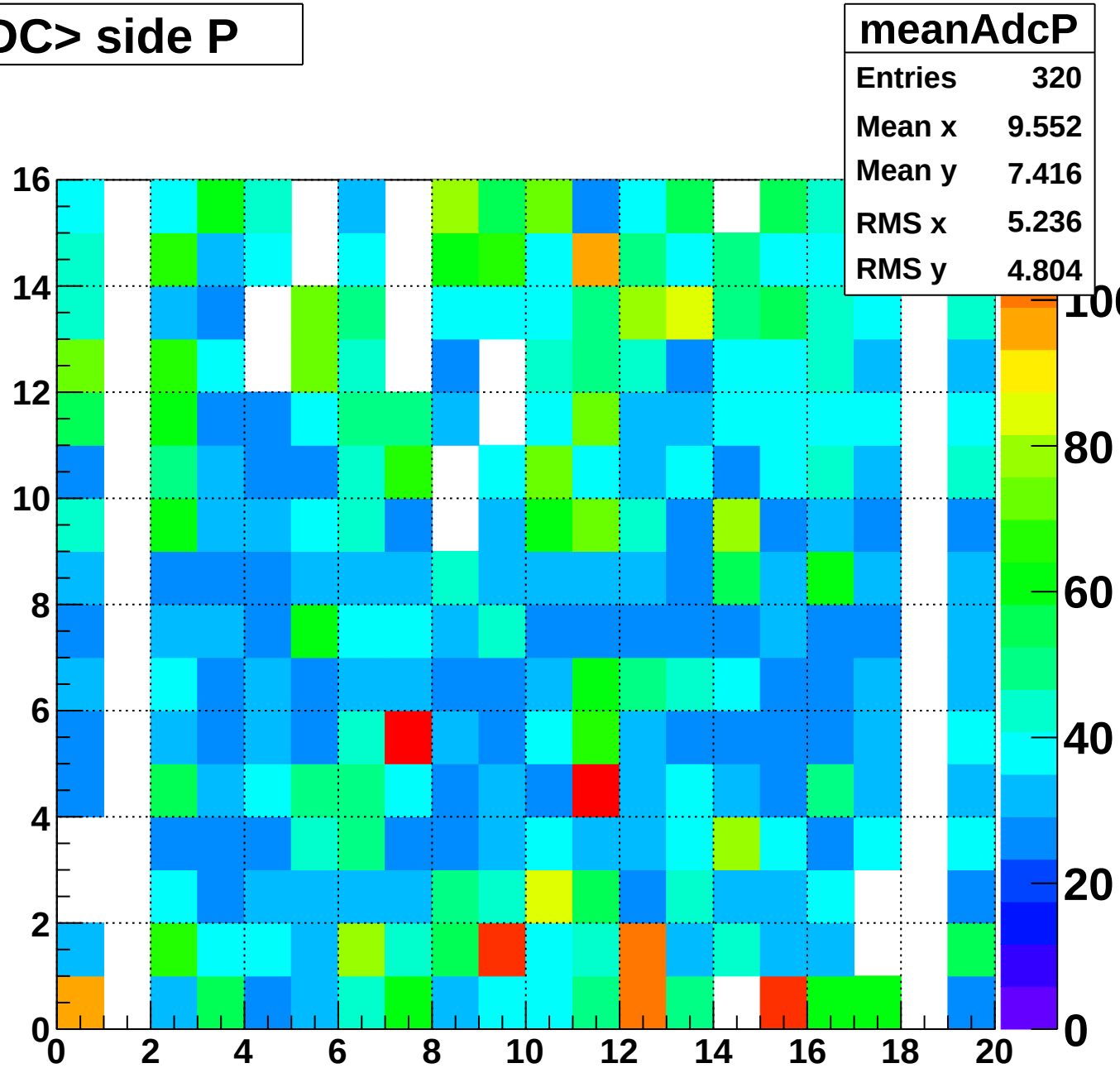

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 362
Mean 1.42
RMS 0.7473
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 147
Mean x 93.36
Mean y 100.5
RMS x 61.46
RMS y 62.1
side N [adc counts]
side P [adc counts]

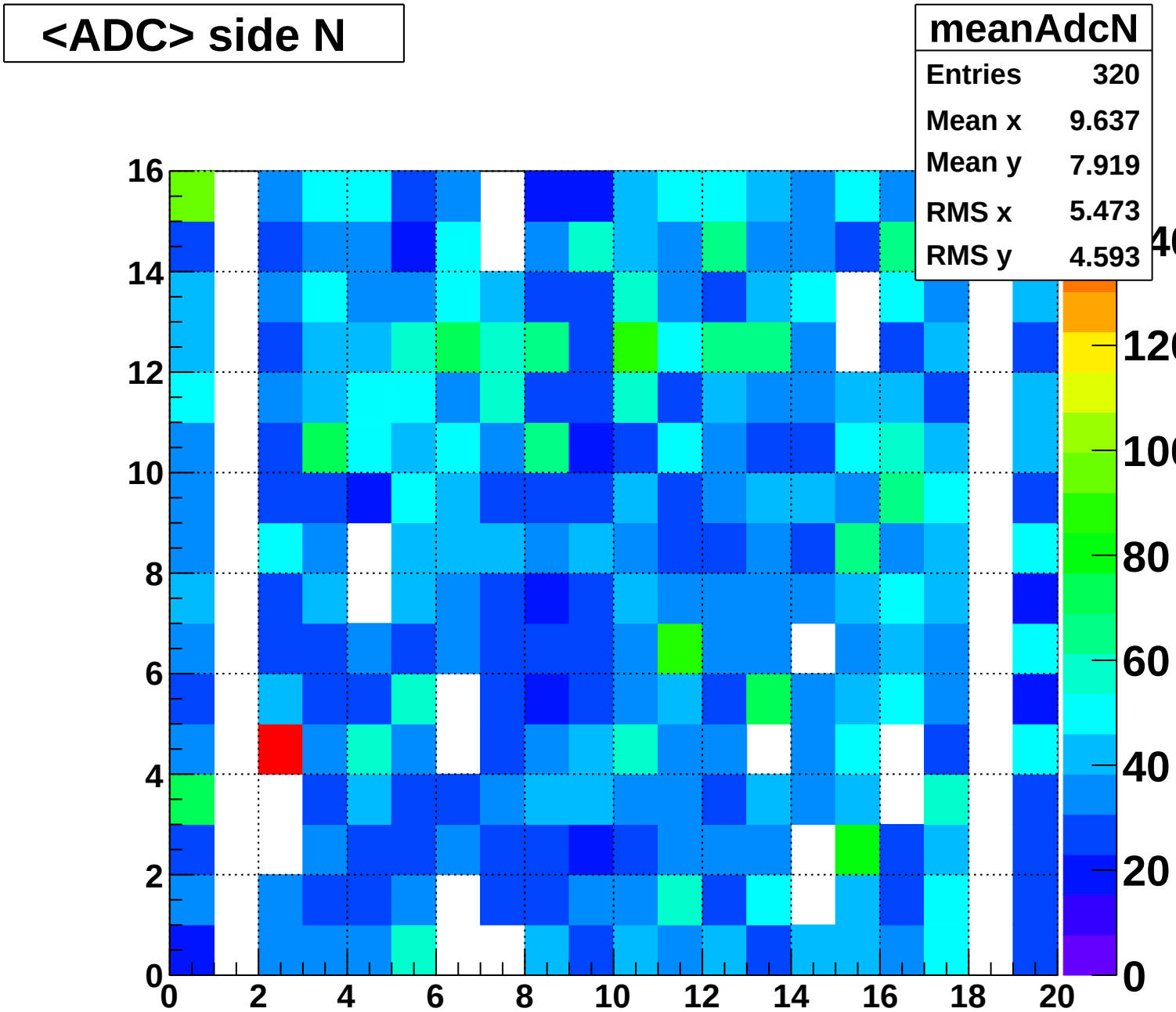

Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 425
Mean 54.66
RMS 55.23
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 362
Mean 105.2
RMS 76.94
signal [adc counts]

<ADC> side P



2016-05-22 09:16:02



2016-05-22 09:16:02