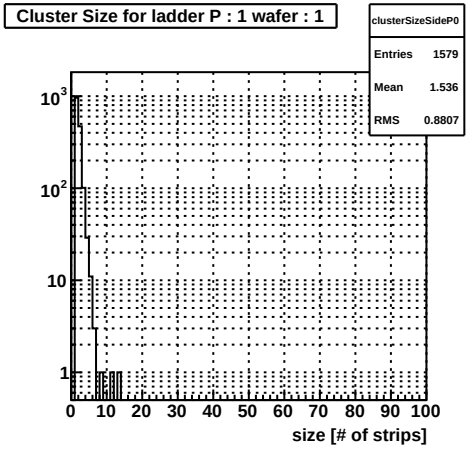
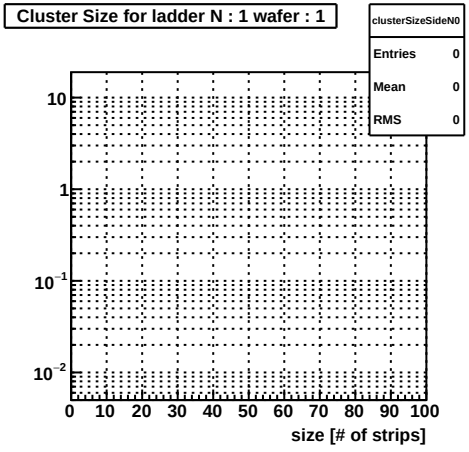
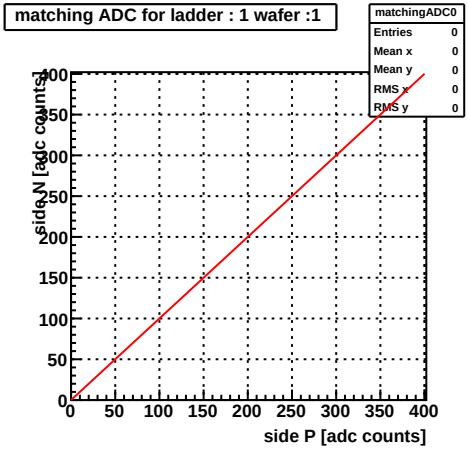
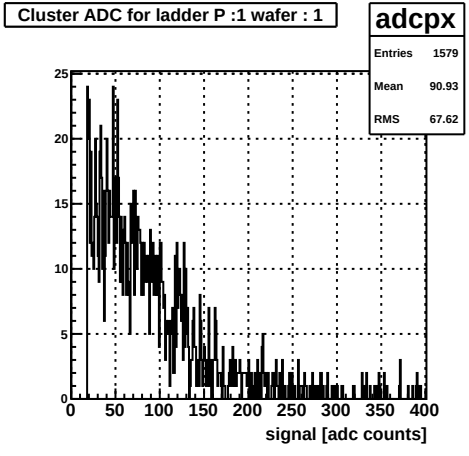
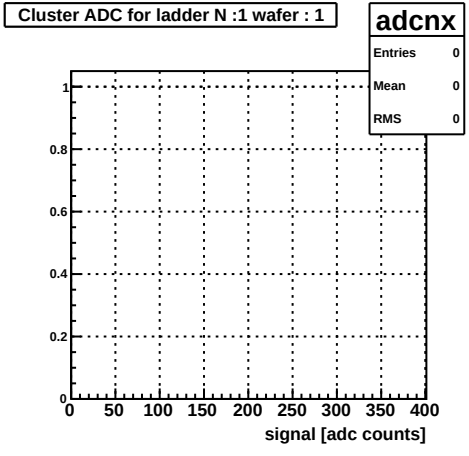
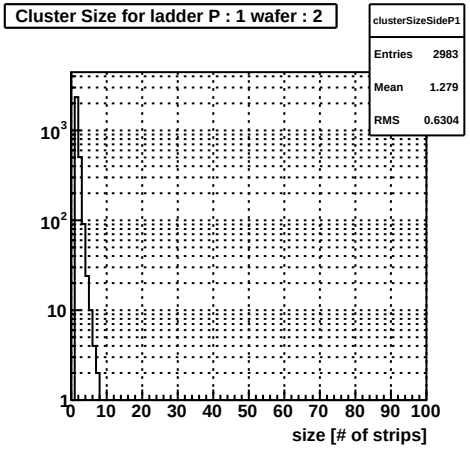

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1579
Mean 1.536
RMS 0.8807
size [# of strips]

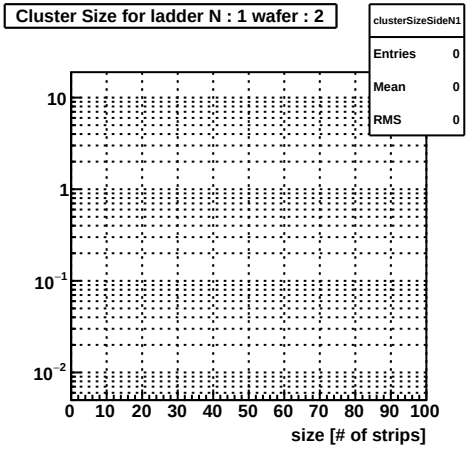

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

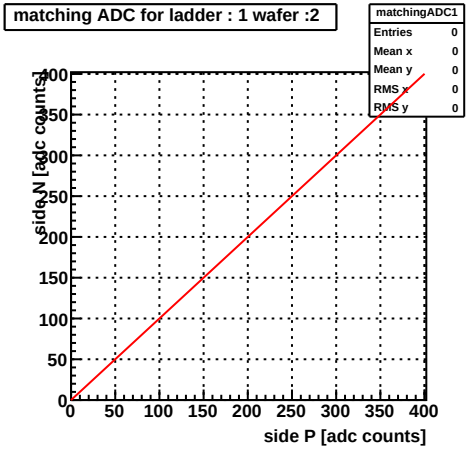

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

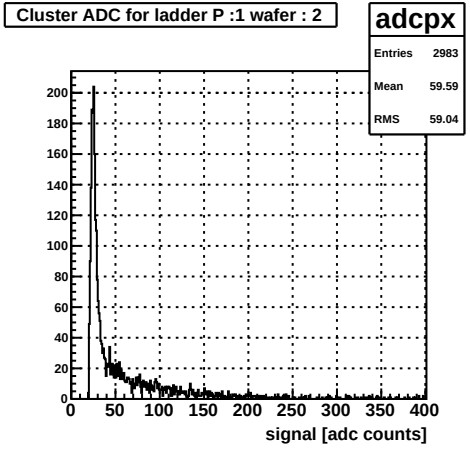

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1579
Mean 90.93
RMS 67.62
signal [adc counts]

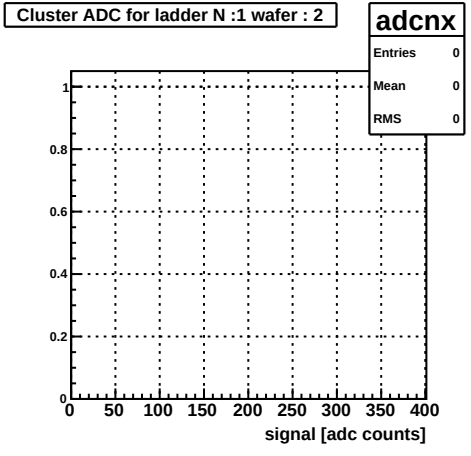

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

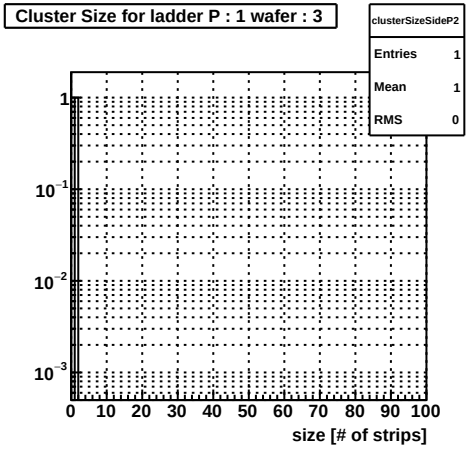

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2983
Mean 1.279
RMS 0.6304
size [# of strips]

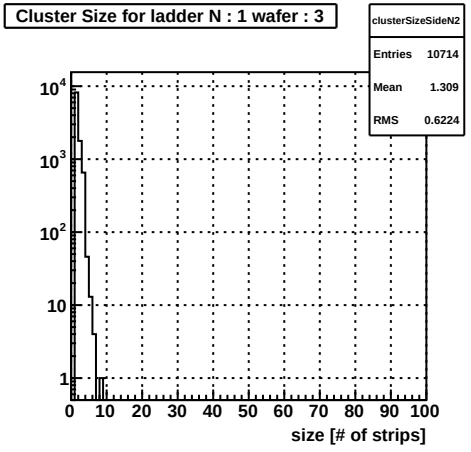

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

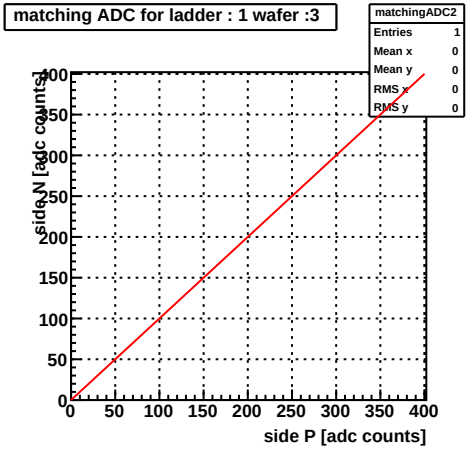

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

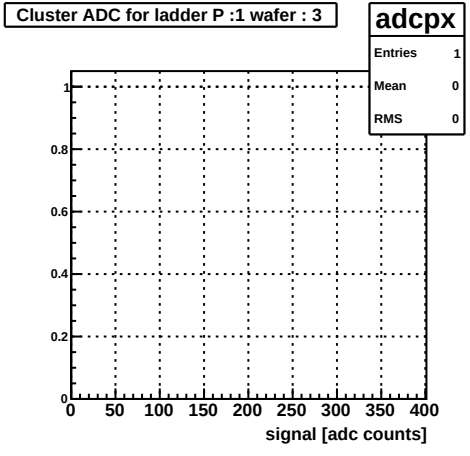

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2983
Mean 59.59
RMS 59.04
signal [adc counts]

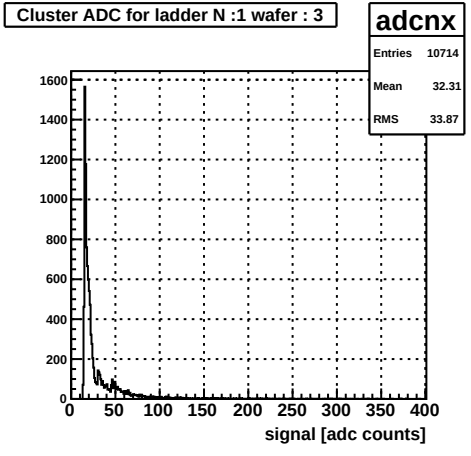

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

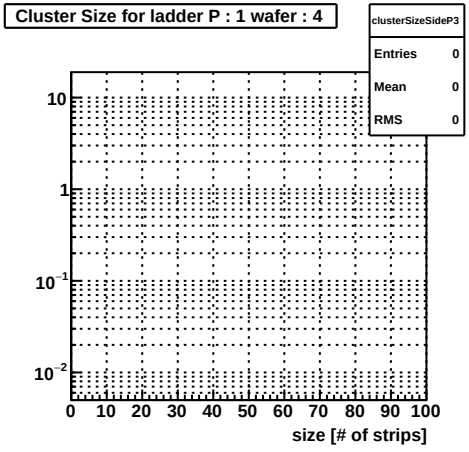

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

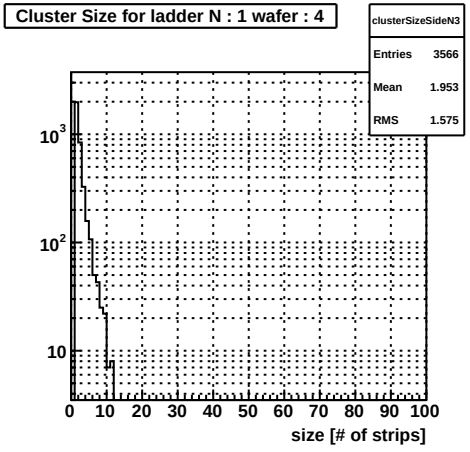

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 10714
Mean 1.309
RMS 0.6224
size [# of strips]

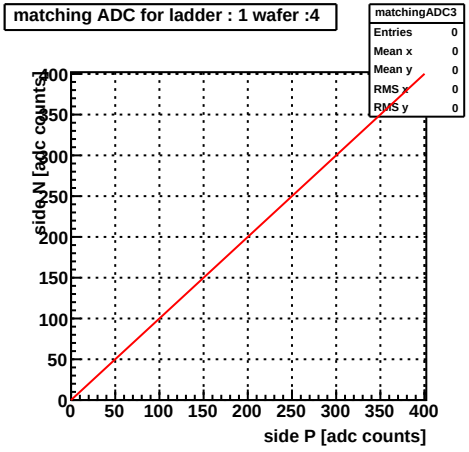

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

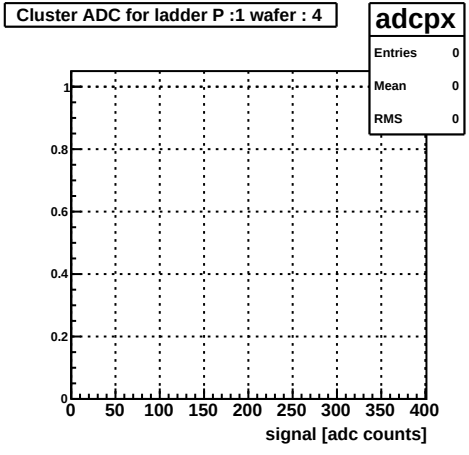

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

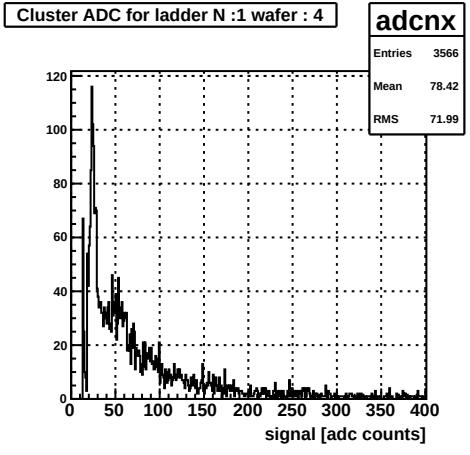

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 10714
Mean 32.31
RMS 33.87
signal [adc counts]

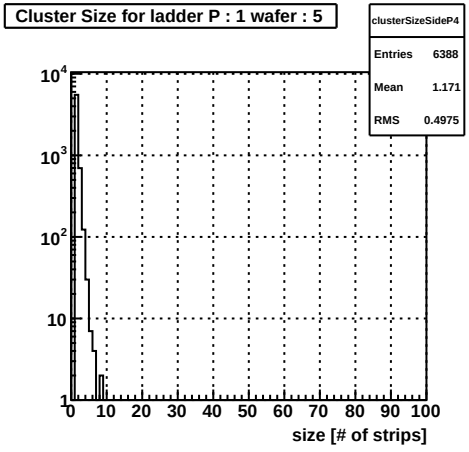

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

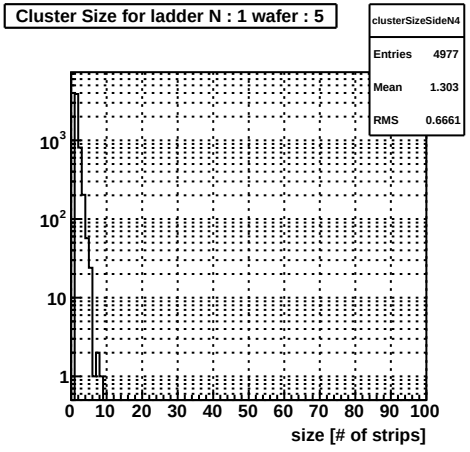

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3566
Mean 1.953
RMS 1.575
size [# of strips]

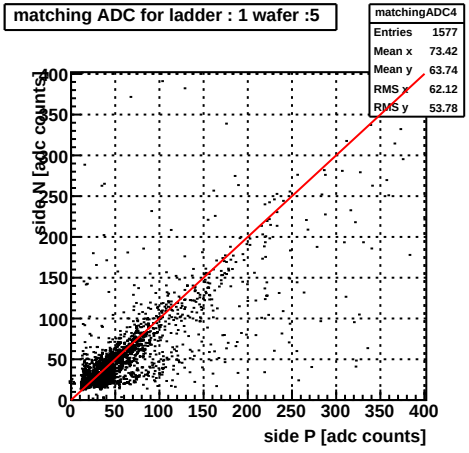

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

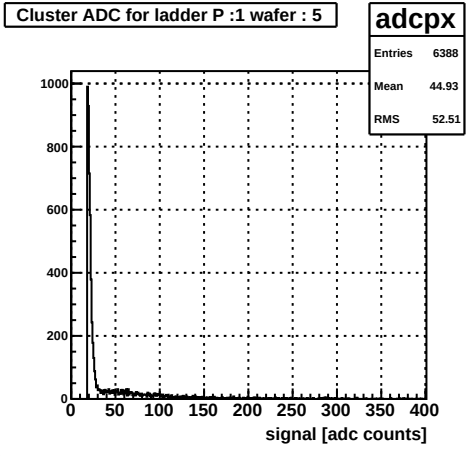

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

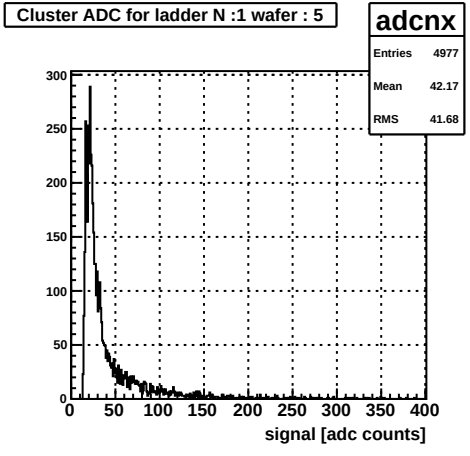

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3566
Mean 78.42
RMS 71.99
signal [adc counts]

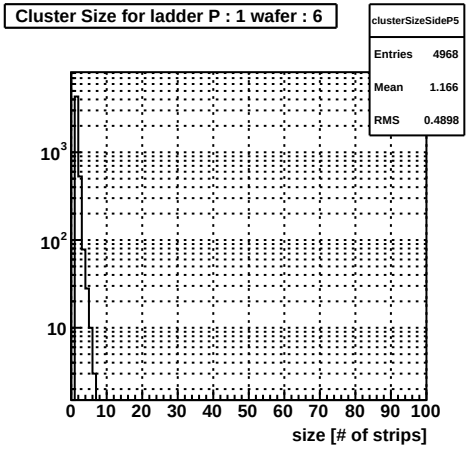

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6388
Mean 1.171
RMS 0.4975
size [# of strips]

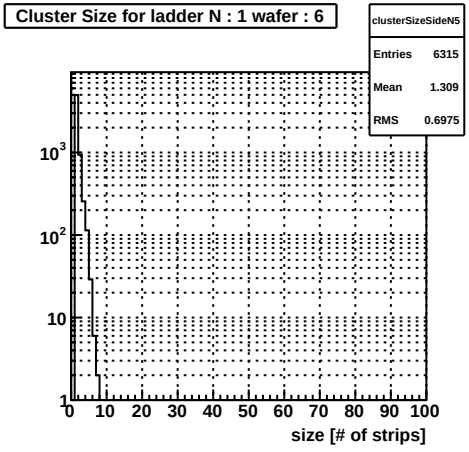

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4977
Mean 1.303
RMS 0.6661
size [# of strips]

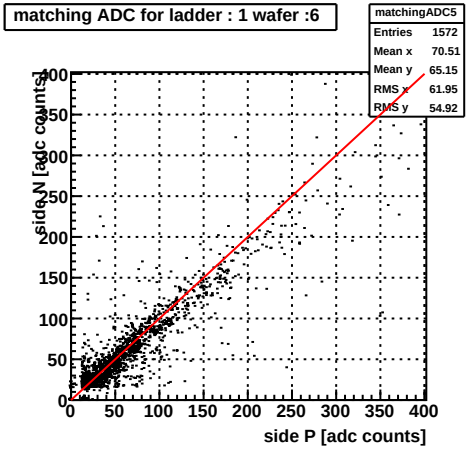

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1577
Mean x 73.42
Mean y 63.74
RMS x 62.12
RMS y 53.78
side N [adc counts]
side P [adc counts]

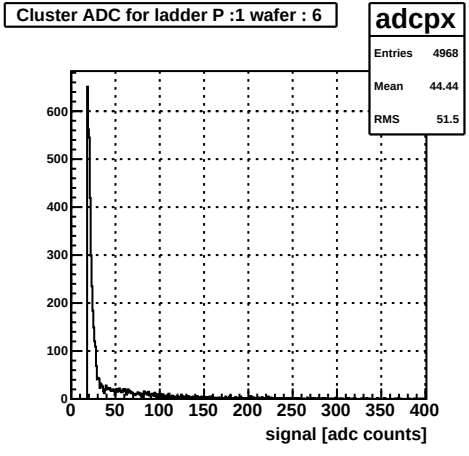

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6388
Mean 44.93
RMS 52.51
signal [adc counts]

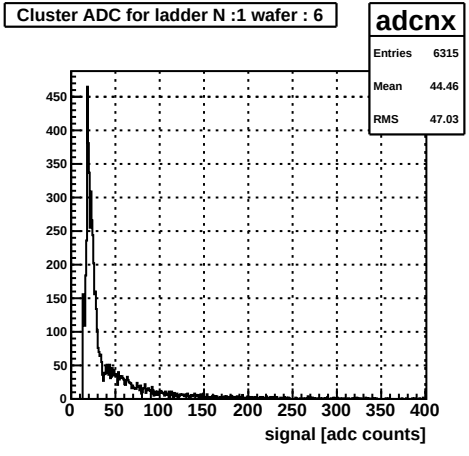

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4977
Mean 42.17
RMS 41.68
signal [adc counts]

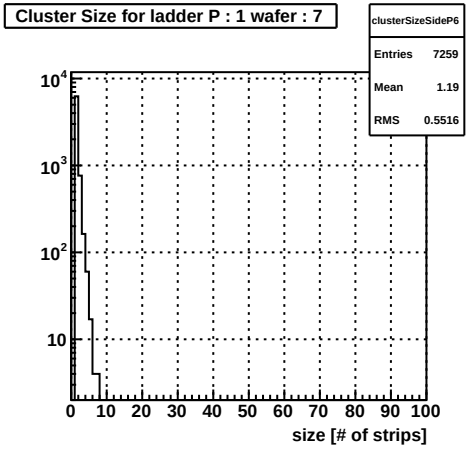

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4968
Mean 1.166
RMS 0.4898
size [# of strips]

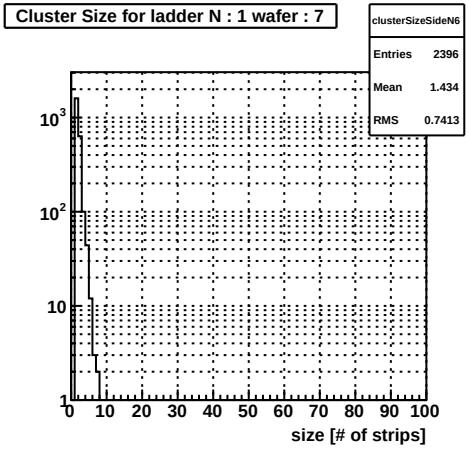

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6315
Mean 1.309
RMS 0.6975
size [# of strips]

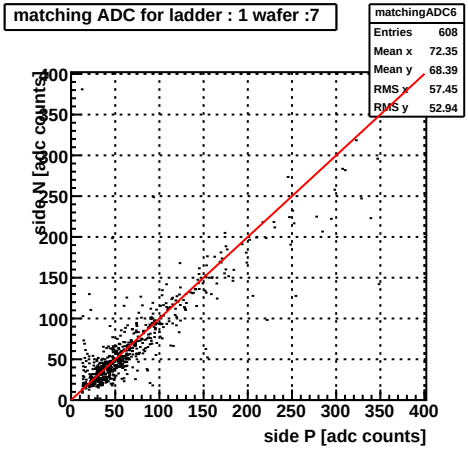

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1572
Mean x 70.51
Mean y 65.15
RMS x 61.95
RMS y 54.92
side N [adc counts]
side P [adc counts]

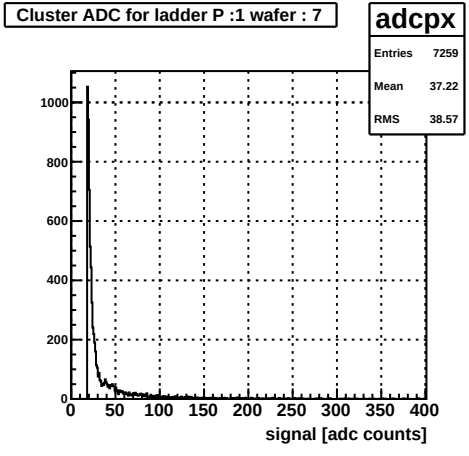

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4968
Mean 44.44
RMS 51.5
signal [adc counts]

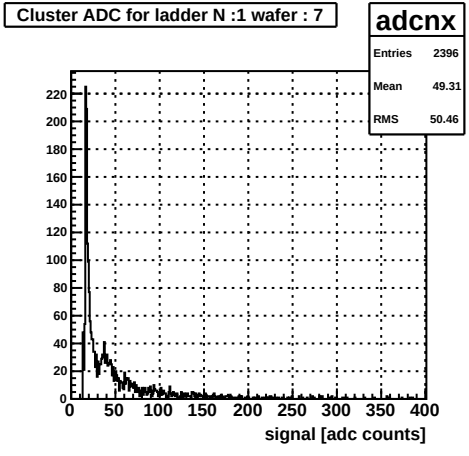

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6315
Mean 44.46
RMS 47.03
signal [adc counts]

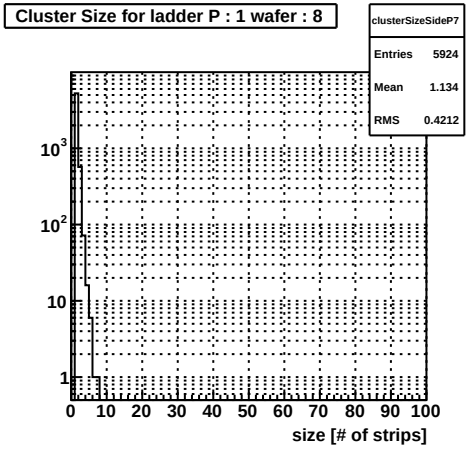

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 7259
Mean 1.19
RMS 0.5516
size [# of strips]

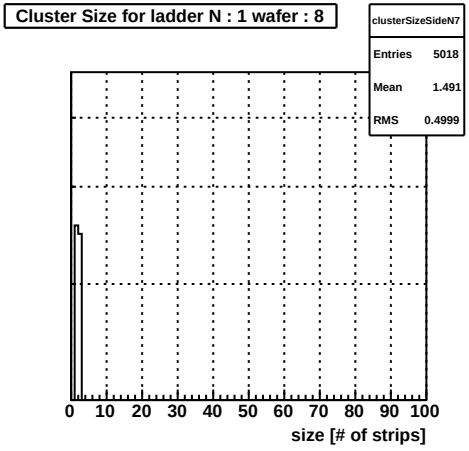

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2396
Mean 1.434
RMS 0.7413
size [# of strips]

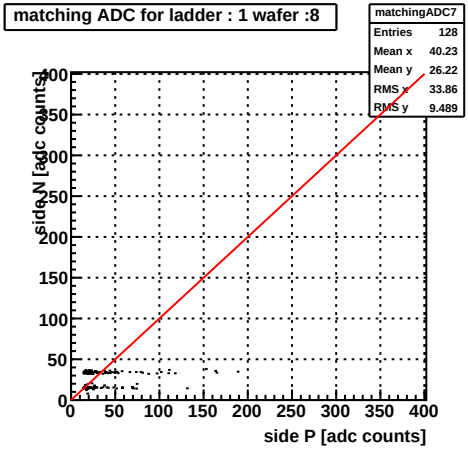

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 608
Mean x 72.35
Mean y 68.39
RMS x 57.45
RMS y 52.94
side N [adc counts]
side P [adc counts]

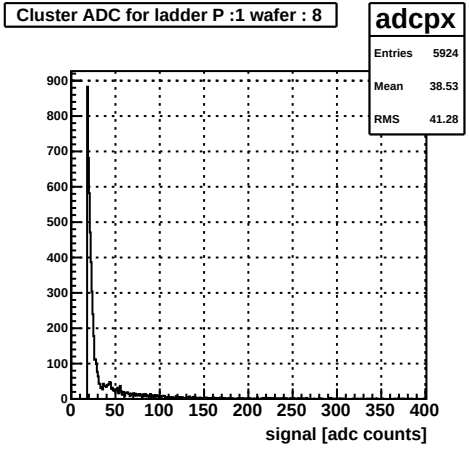

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 7259
Mean 37.22
RMS 38.57
signal [adc counts]

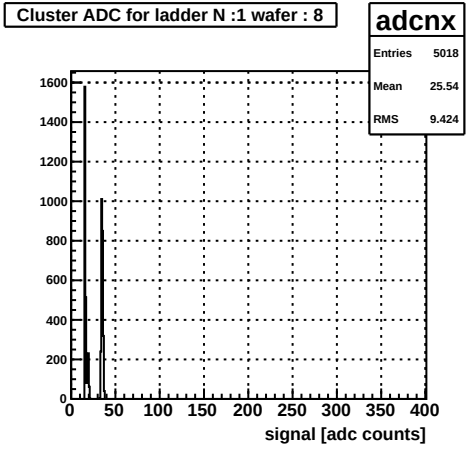

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2396
Mean 49.31
RMS 50.46
signal [adc counts]

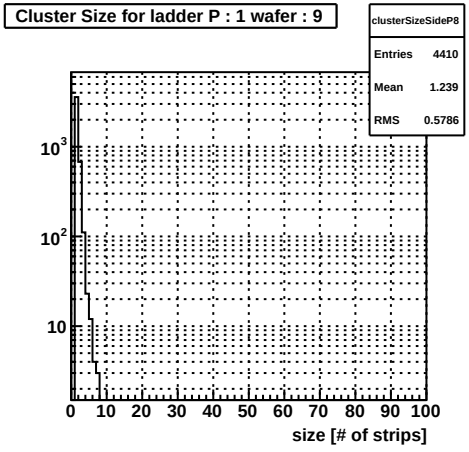

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5924
Mean 1.134
RMS 0.4212
size [# of strips]

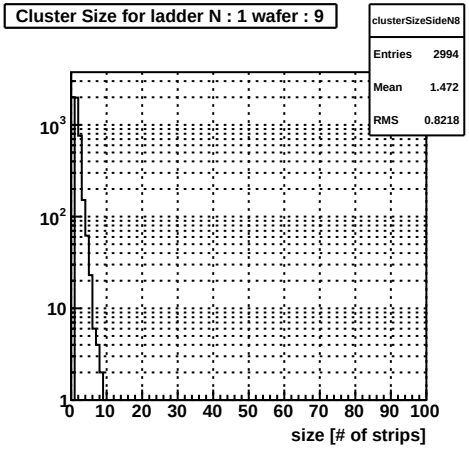

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5018
Mean 1.491
RMS 0.4999
size [# of strips]

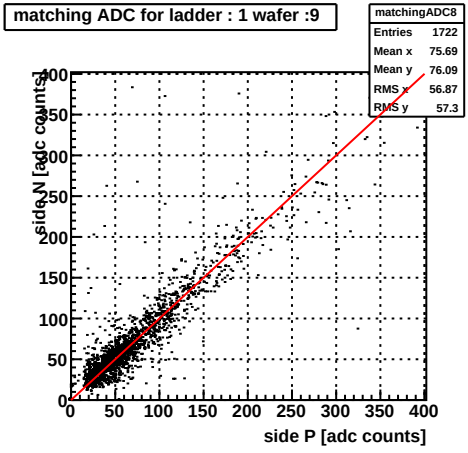

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 128
Mean x 40.23
Mean y 26.22
RMS x 33.86
RMS y 9.489
side N [adc counts]
side P [adc counts]

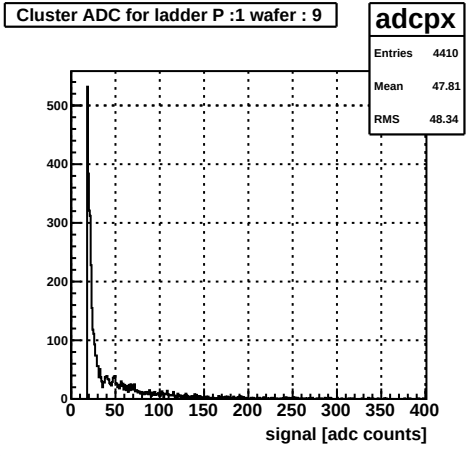

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5924
Mean 38.53
RMS 41.28
signal [adc counts]

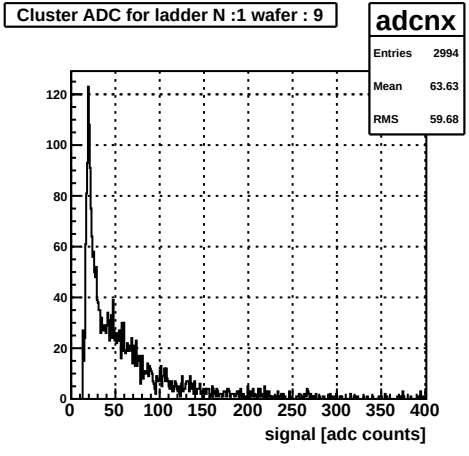

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5018
Mean 25.54
RMS 9.424
signal [adc counts]

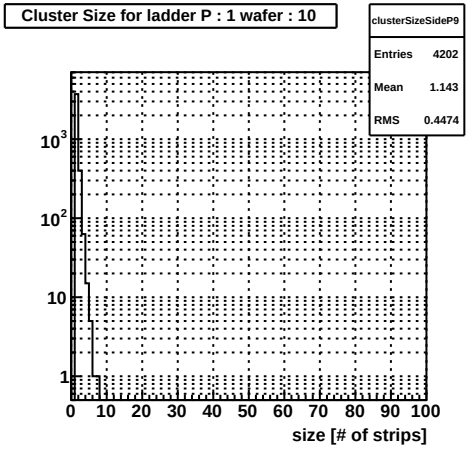

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4410
Mean 1.239
RMS 0.5786
size [# of strips]

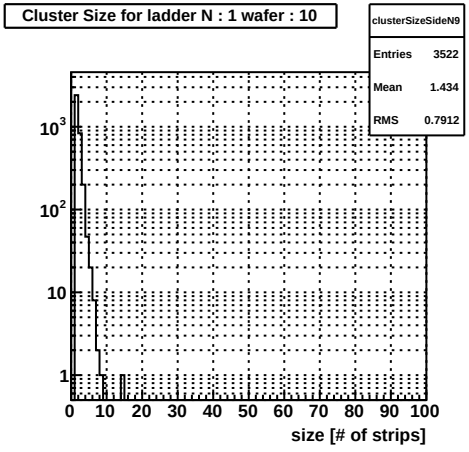

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2994
Mean 1.472
RMS 0.8218
size [# of strips]

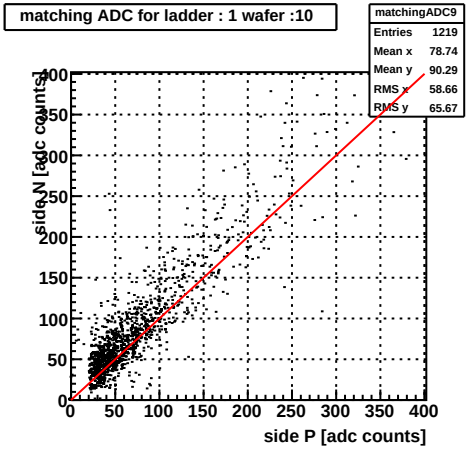

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1722
Mean x 75.69
Mean y 76.09
RMS x 56.87
RMS y 57.3
side N [adc counts]
side P [adc counts]

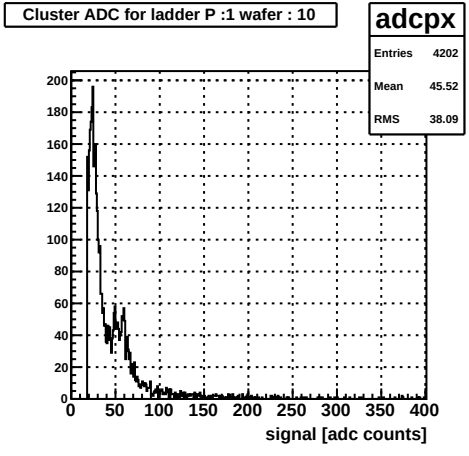

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4410
Mean 47.81
RMS 48.34
signal [adc counts]

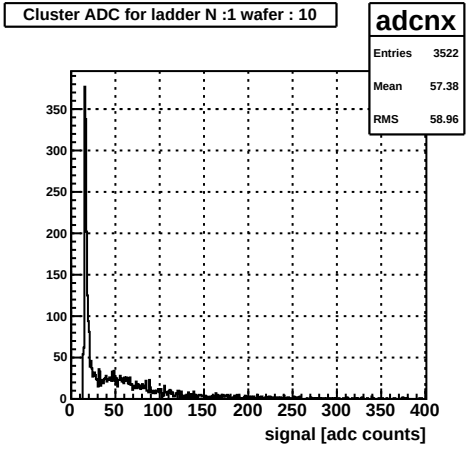

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2994
Mean 63.63
RMS 59.68
signal [adc counts]

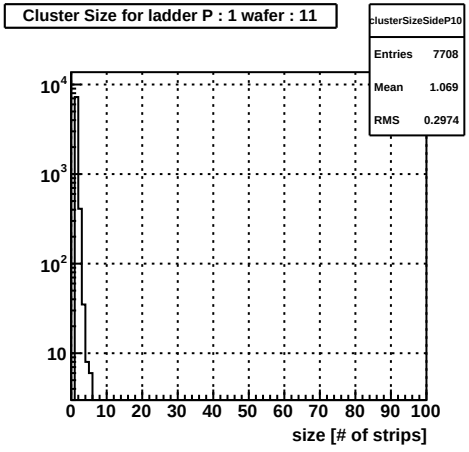

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4202
Mean 1.143
RMS 0.4474
size [# of strips]

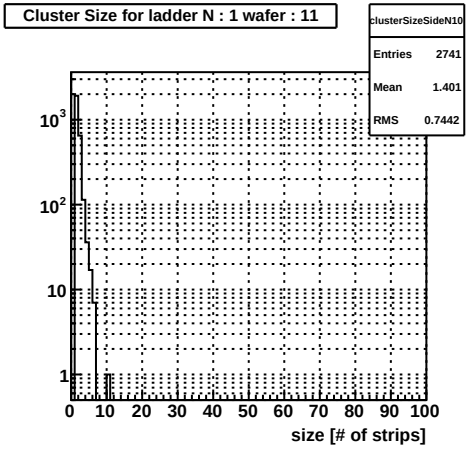

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3522
Mean 1.434
RMS 0.7912
size [# of strips]

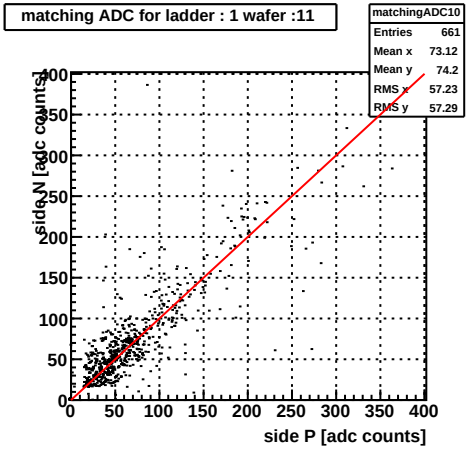

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1219
Mean x 78.74
Mean y 90.29
RMS x 58.66
RMS y 65.67
side N [adc counts]
side P [adc counts]

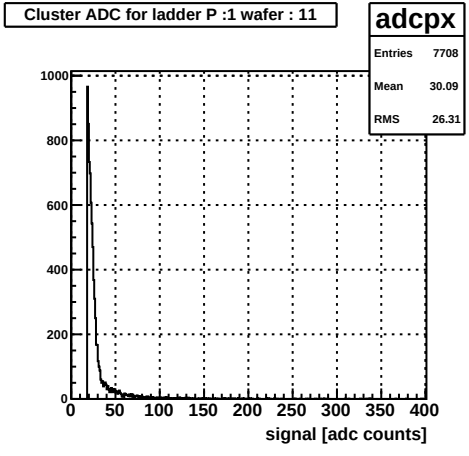

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4202
Mean 45.52
RMS 38.09
signal [adc counts]

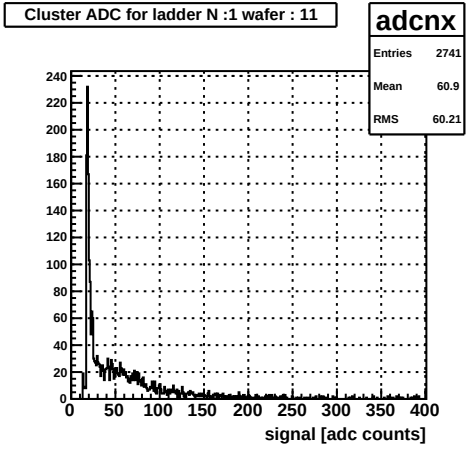

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3522
Mean 57.38
RMS 58.96
signal [adc counts]

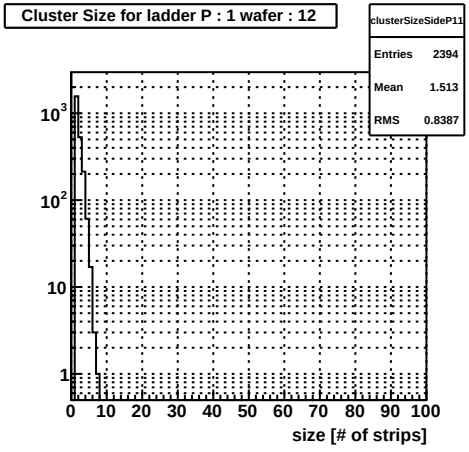

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7708
Mean 1.069
RMS 0.2974
size [# of strips]

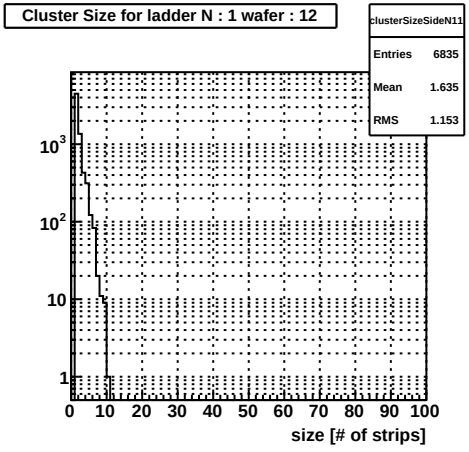

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2741
Mean 1.401
RMS 0.7442
size [# of strips]

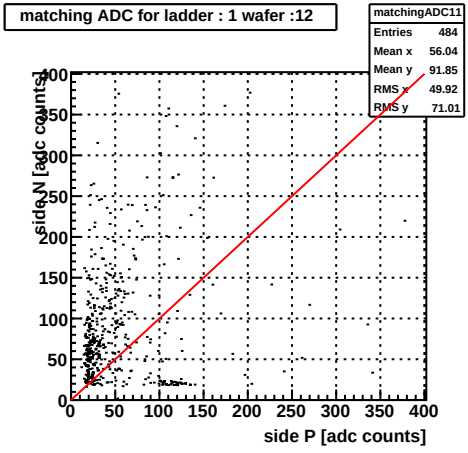

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 661
Mean x 73.12
Mean y 74.2
RMS x 57.23
RMS y 57.29
side N [adc counts]
side P [adc counts]

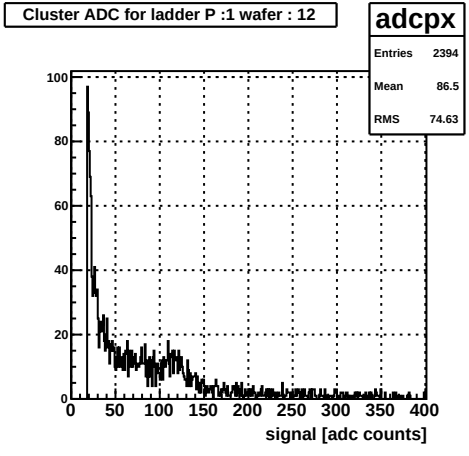

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7708
Mean 30.09
RMS 26.31
signal [adc counts]

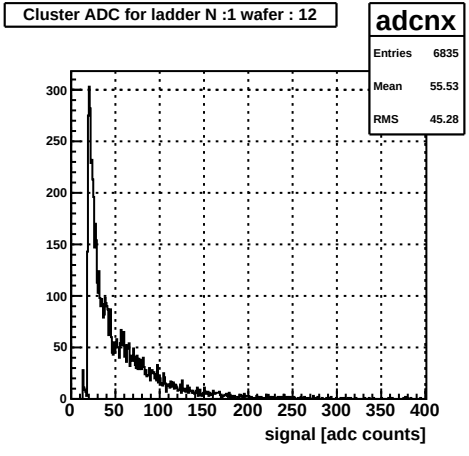

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2741
Mean 60.9
RMS 60.21
signal [adc counts]

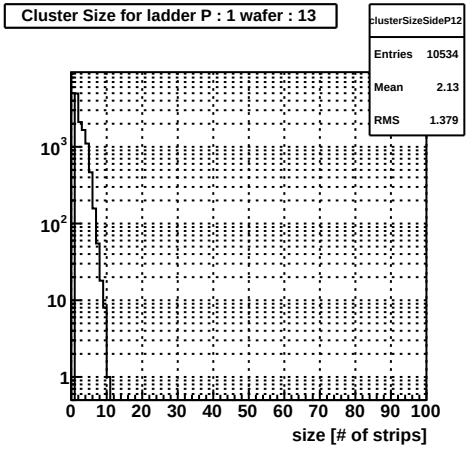

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2394
Mean 1.513
RMS 0.8387
size [# of strips]

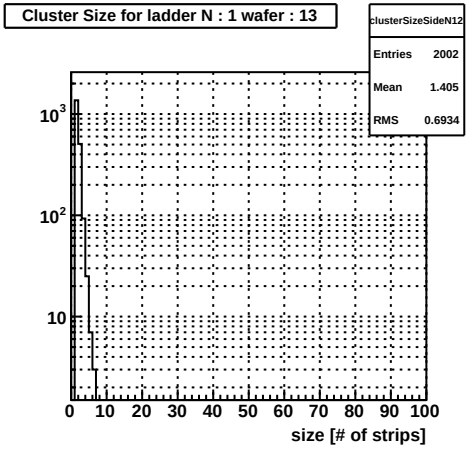

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6835
Mean 1.635
RMS 1.153
size [# of strips]

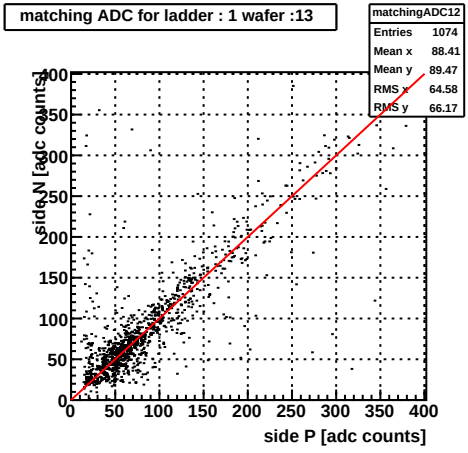

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 484
Mean x 56.04
Mean y 91.85
RMS x 49.92
RMS y 71.01
side N [adc counts]
side P [adc counts]

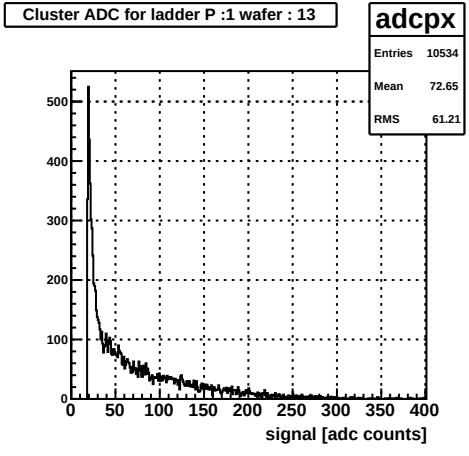

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2394
Mean 86.5
RMS 74.63
signal [adc counts]

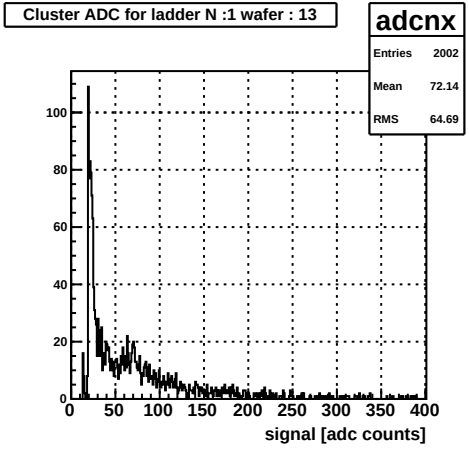

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6835
Mean 55.53
RMS 45.28
signal [adc counts]

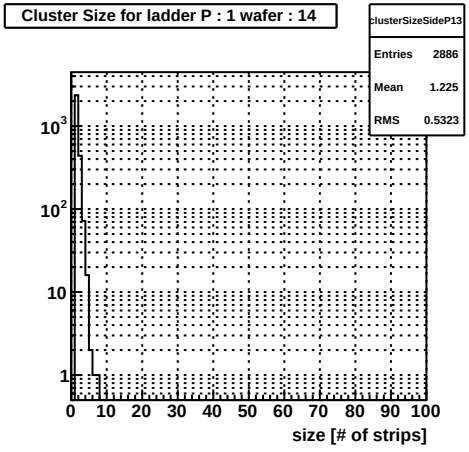

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10534
Mean 2.13
RMS 1.379
size [# of strips]

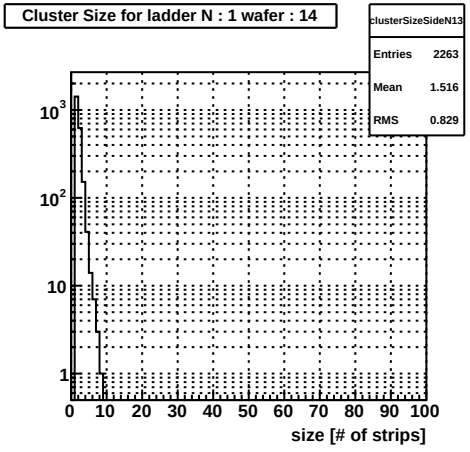

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2002
Mean 1.405
RMS 0.6934
size [# of strips]

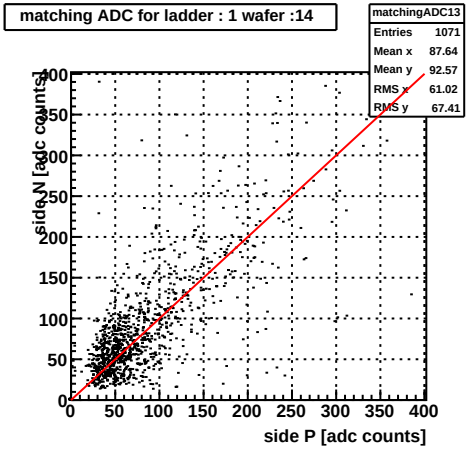

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1074
Mean x 88.41
Mean y 89.47
RMS x 64.58
RMS y 66.17
side N [adc counts]
side P [adc counts]

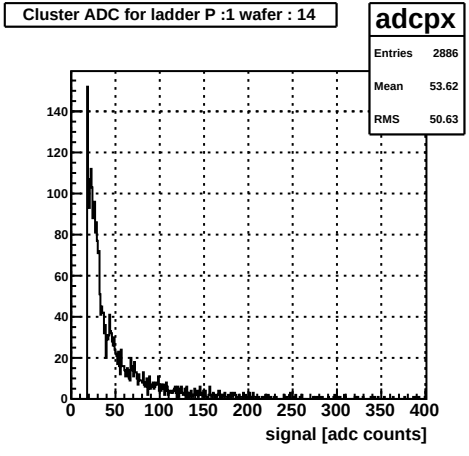

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10534
Mean 72.65
RMS 61.21
signal [adc counts]

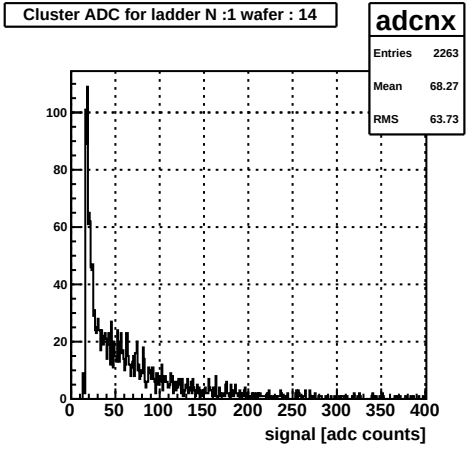

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2002
Mean 72.14
RMS 64.69
signal [adc counts]

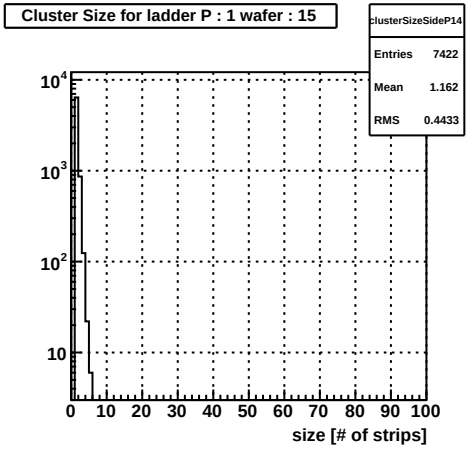

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2886
Mean 1.225
RMS 0.5323
size [# of strips]

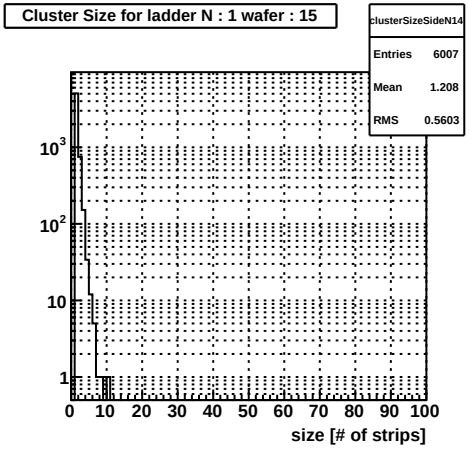

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2263
Mean 1.516
RMS 0.829
size [# of strips]

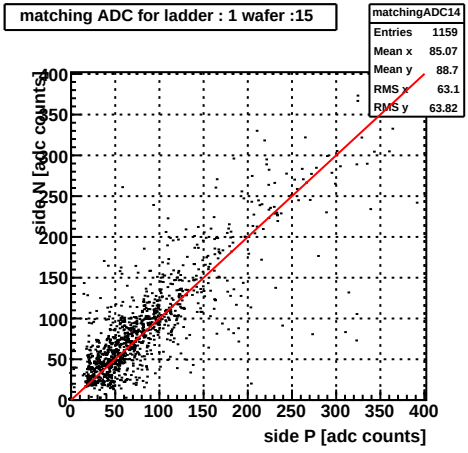

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1071
Mean x 87.64
Mean y 92.57
RMS x 61.02
RMS y 67.41
side N [adc counts]
side P [adc counts]

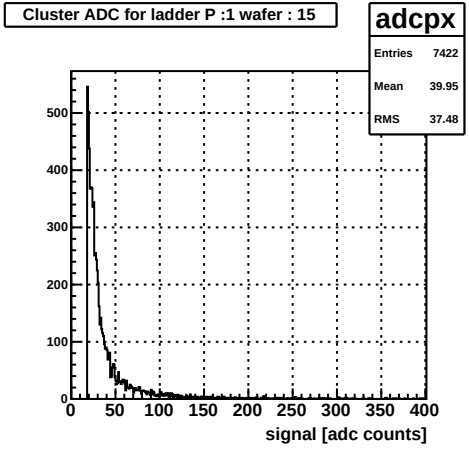

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2886
Mean 53.62
RMS 50.63
signal [adc counts]

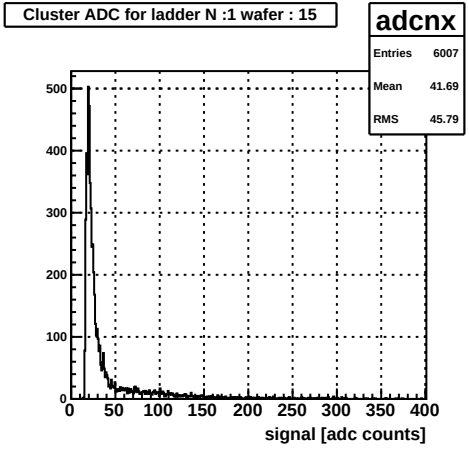

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2263
Mean 68.27
RMS 63.73
signal [adc counts]

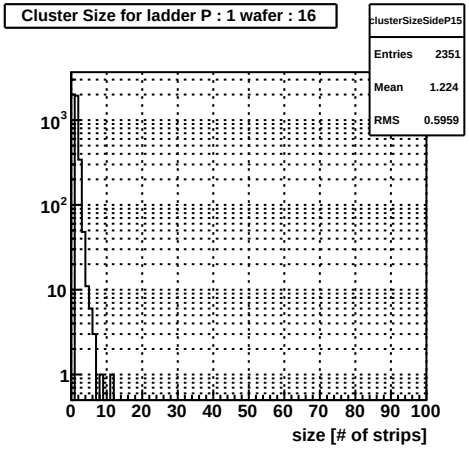

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7422
Mean 1.162
RMS 0.4433
size [# of strips]

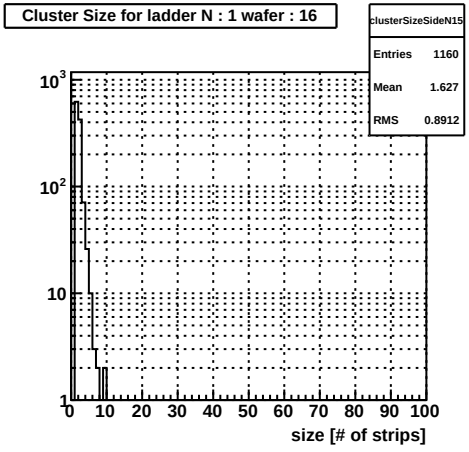

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 6007
Mean 1.208
RMS 0.5603
size [# of strips]

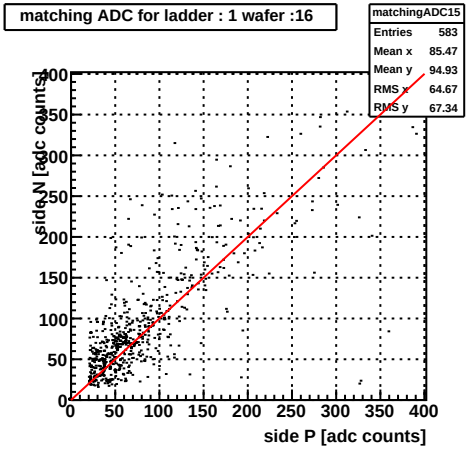

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1159
Mean x 85.07
Mean y 88.7
RMS x 63.1
RMS y 63.82
side N [adc counts]
side P [adc counts]

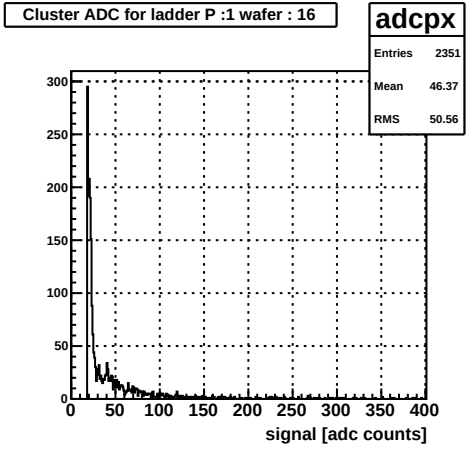

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7422
Mean 39.95
RMS 37.48
signal [adc counts]

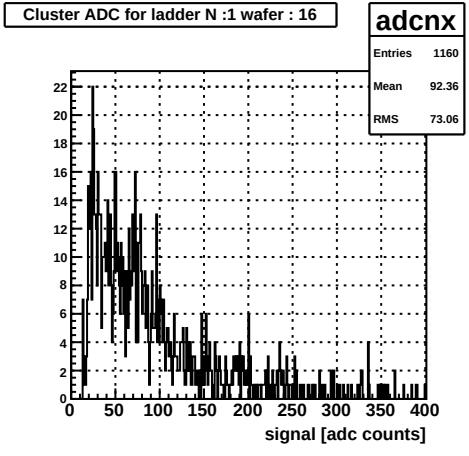

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 6007
Mean 41.69
RMS 45.79
signal [adc counts]

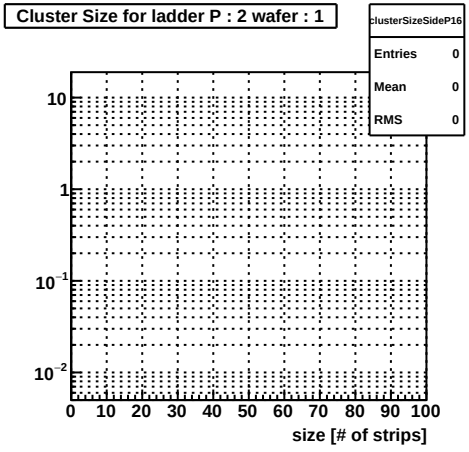

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2351
Mean 1.224
RMS 0.5959
size [# of strips]

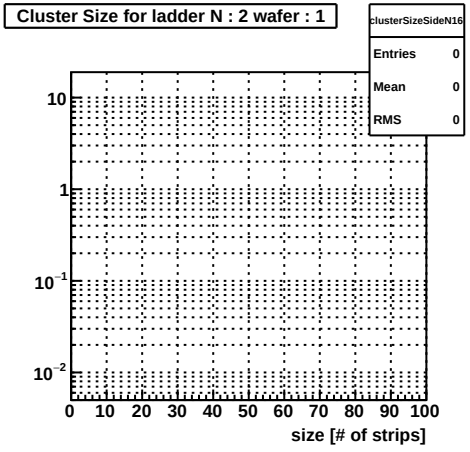

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1160
Mean 1.627
RMS 0.8912
size [# of strips]

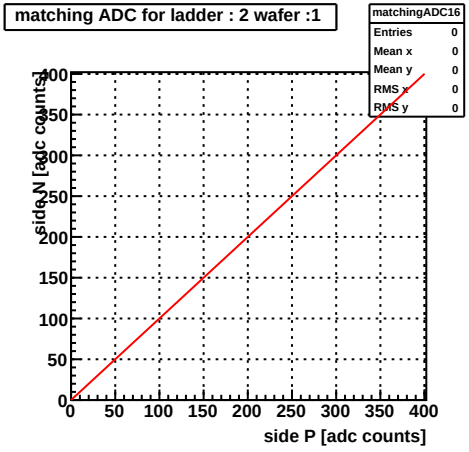

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 583
Mean x 85.47
Mean y 94.93
RMS x 64.67
RMS y 67.34
side N [adc counts]
side P [adc counts]

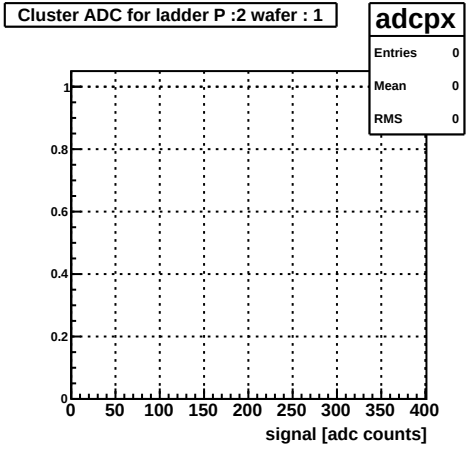

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2351
Mean 46.37
RMS 50.56
signal [adc counts]

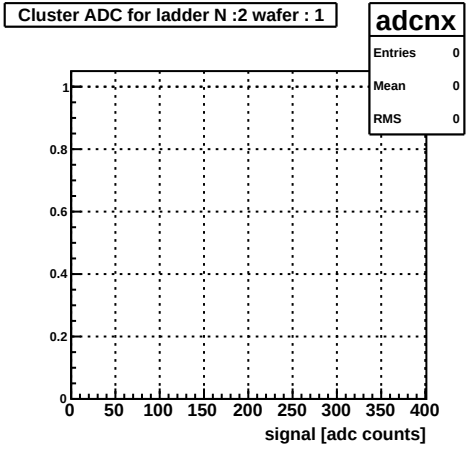

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1160
Mean 92.36
RMS 73.06
signal [adc counts]

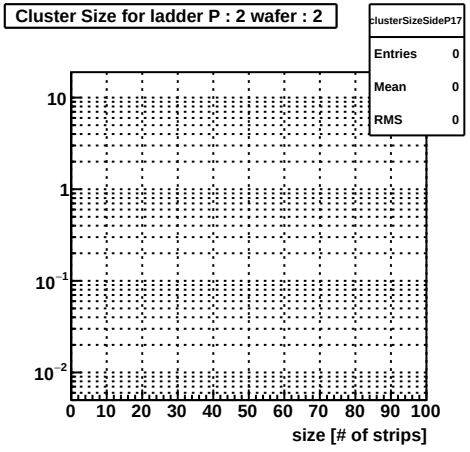

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

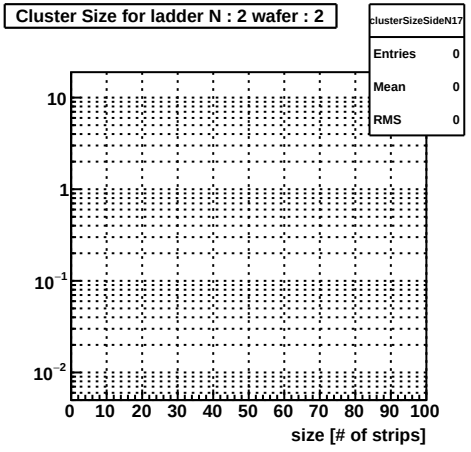

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

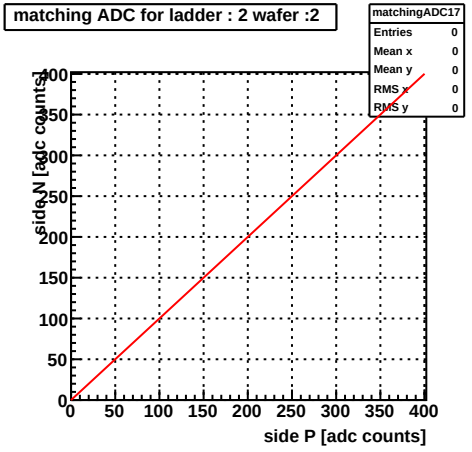

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

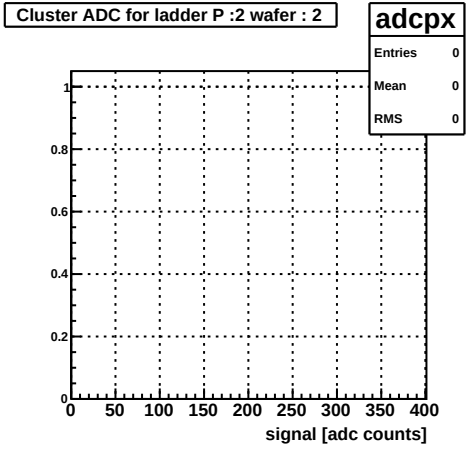

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

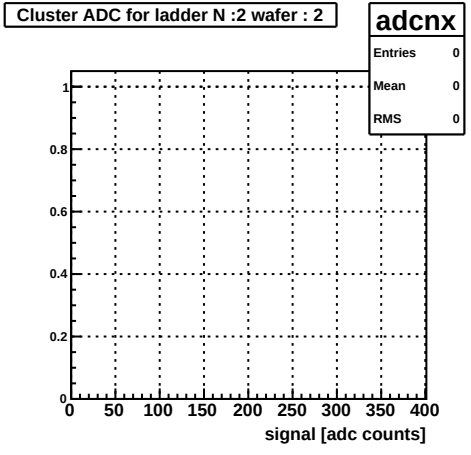

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

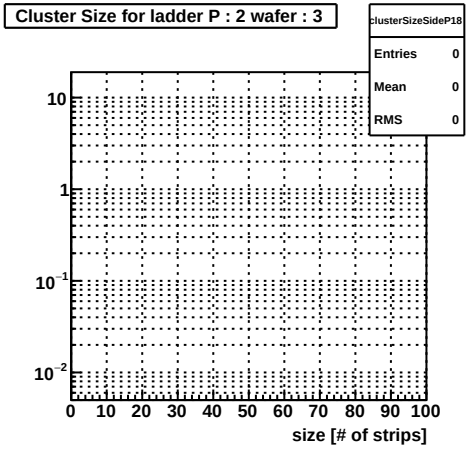

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

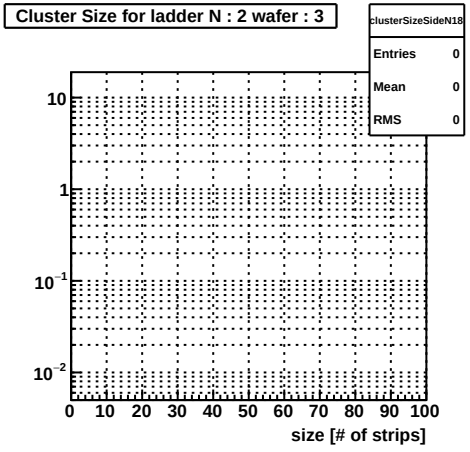

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

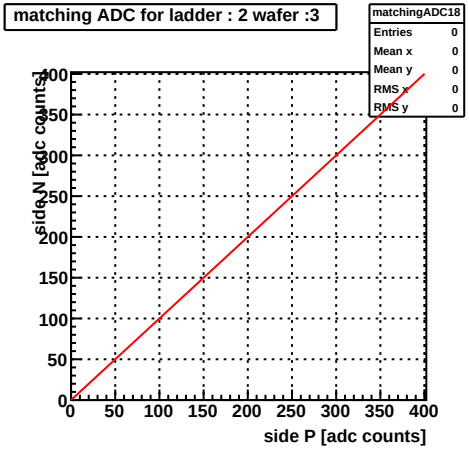

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

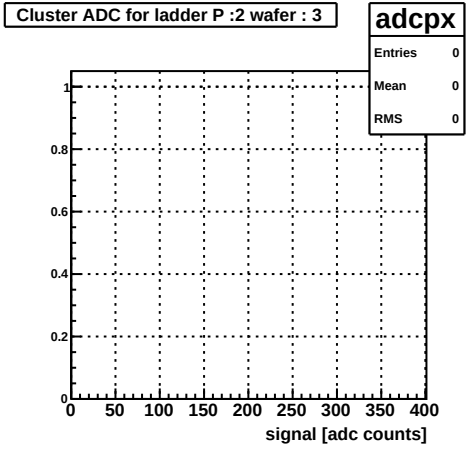

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

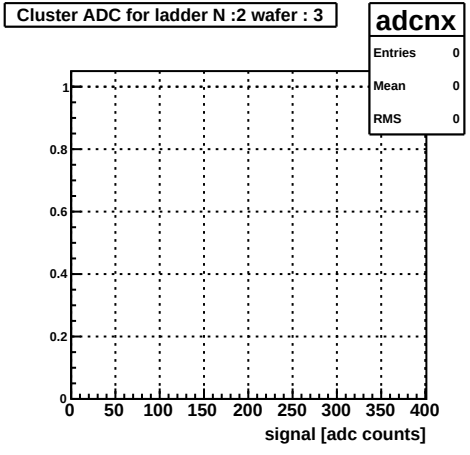

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

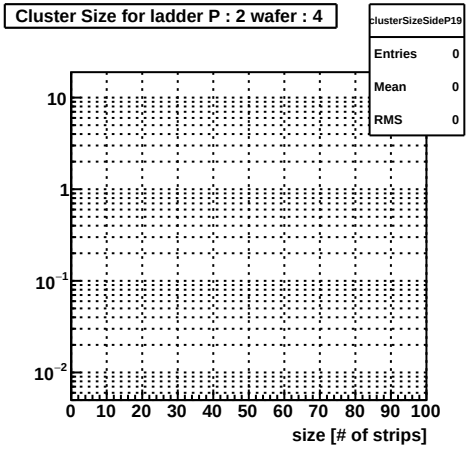

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

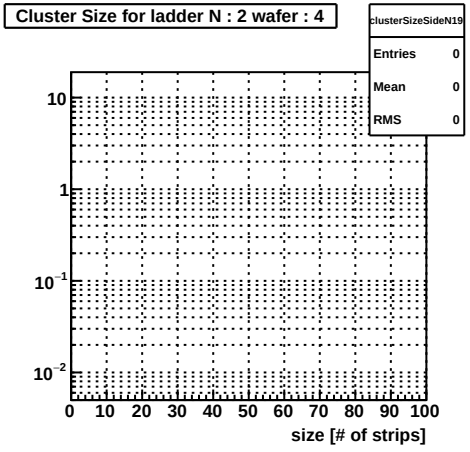

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

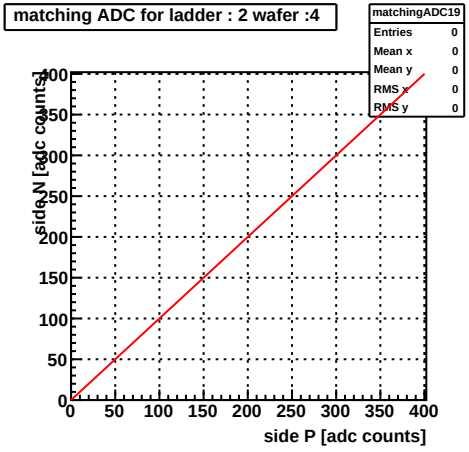

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

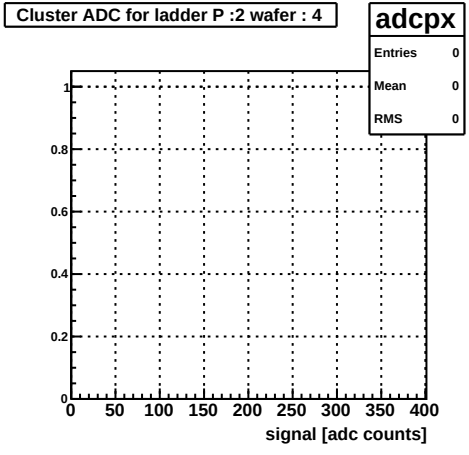

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

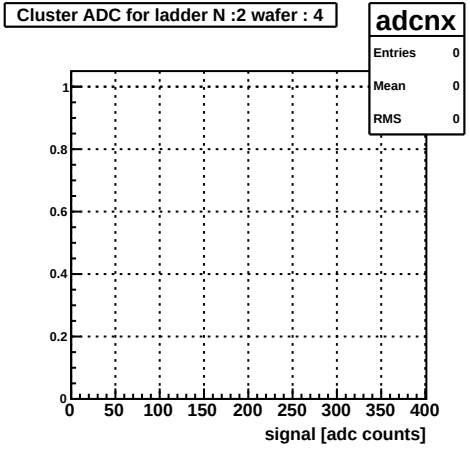

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

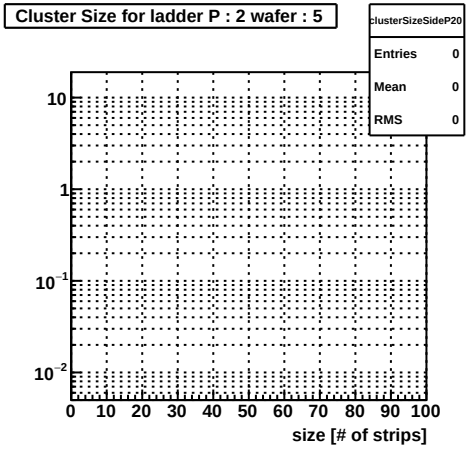

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

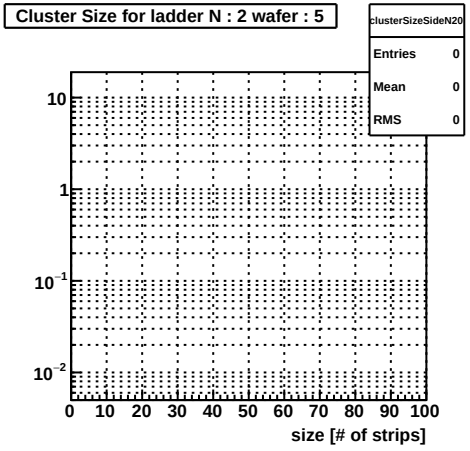

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

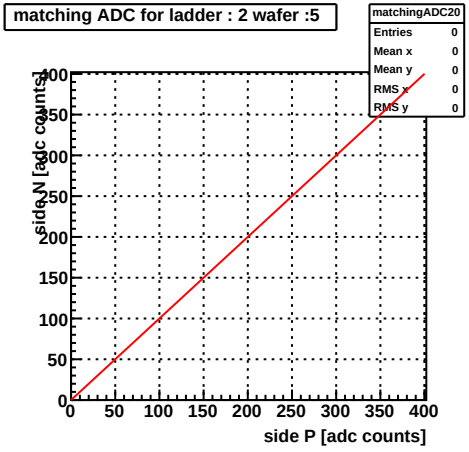

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

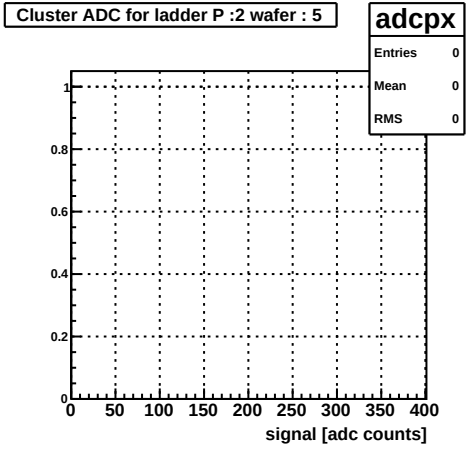

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

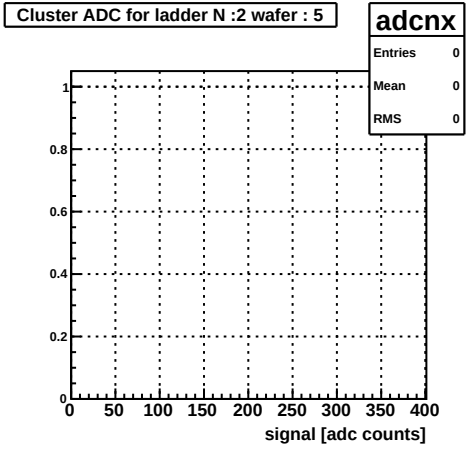

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

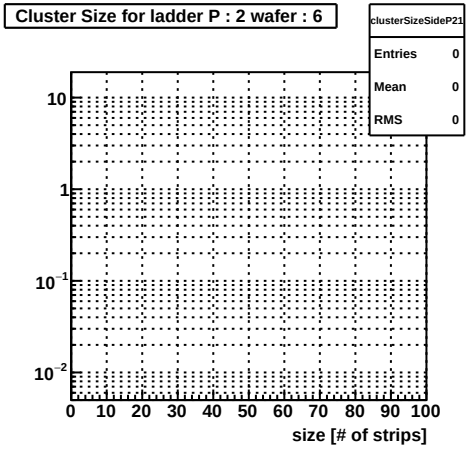

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

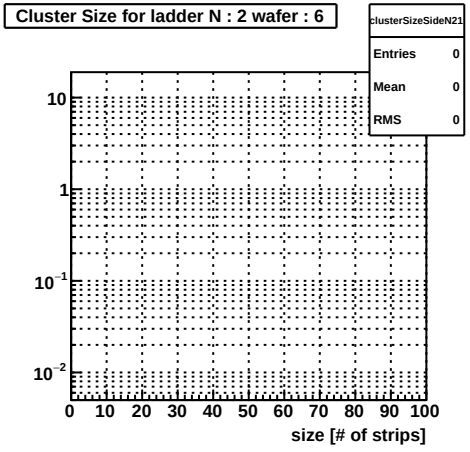

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

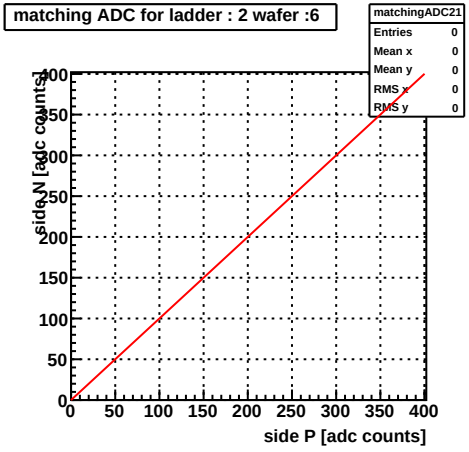

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

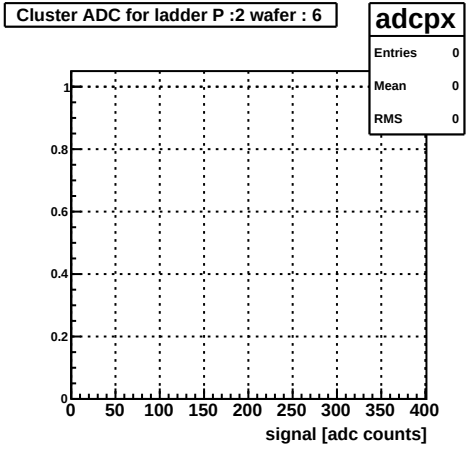

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

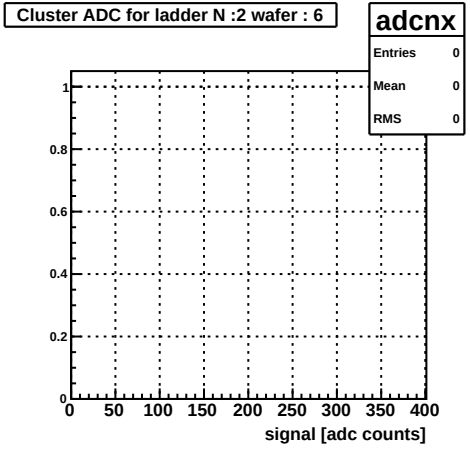

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

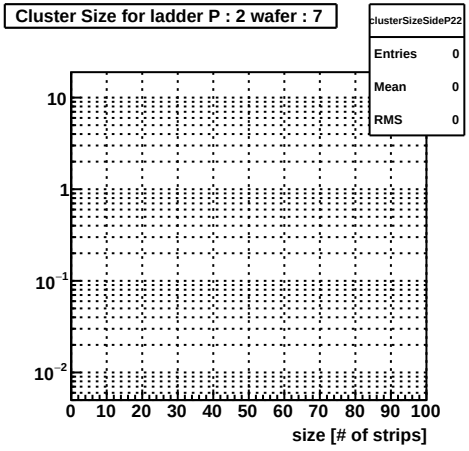

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

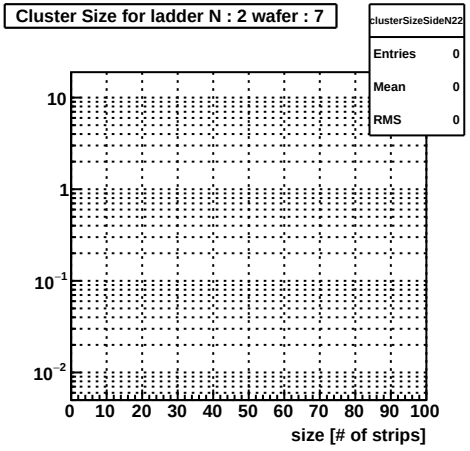

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

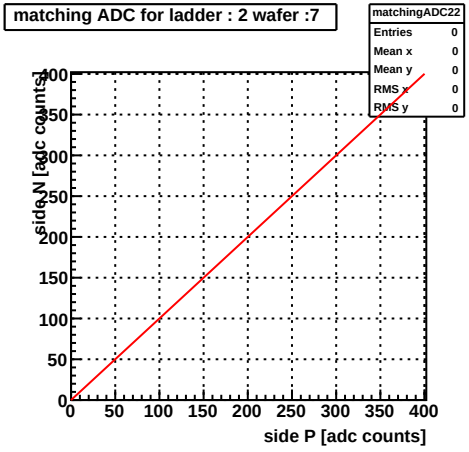

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

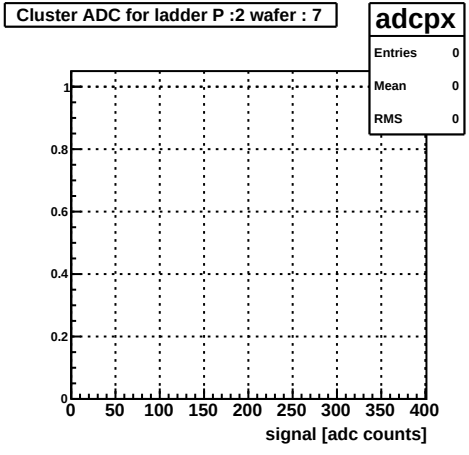

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

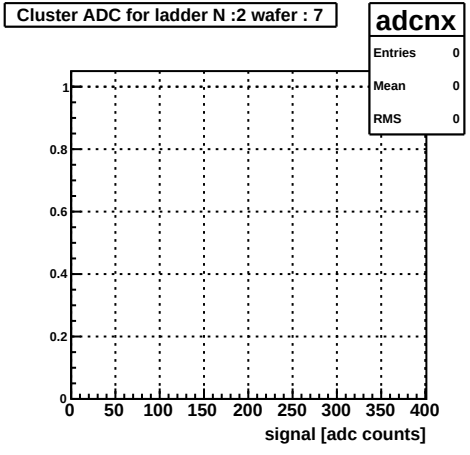

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

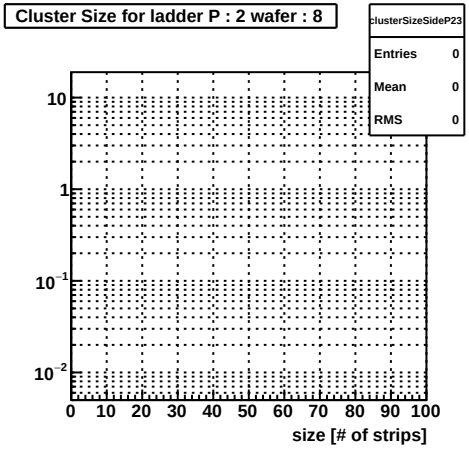

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

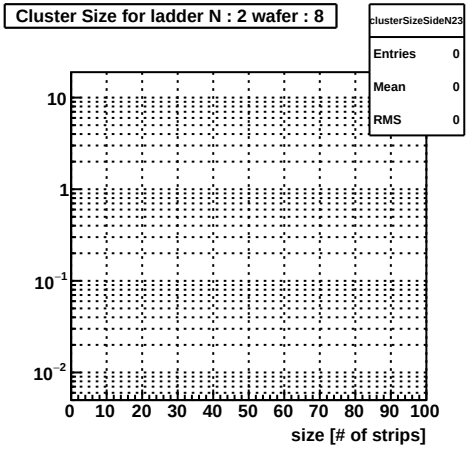

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

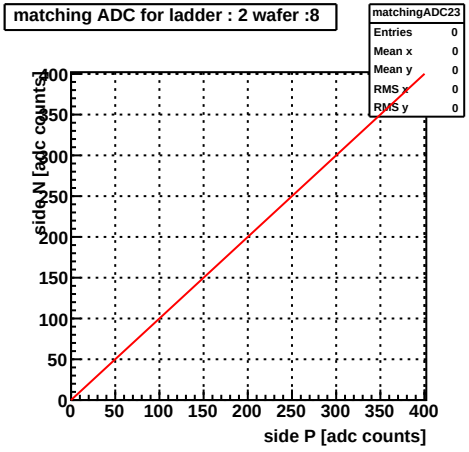

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

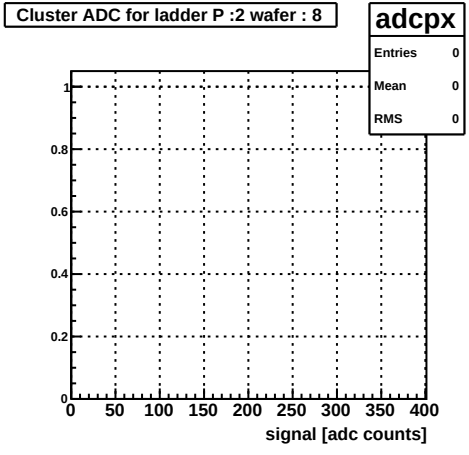

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

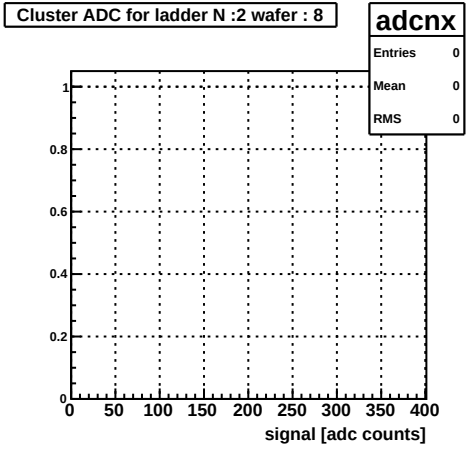

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

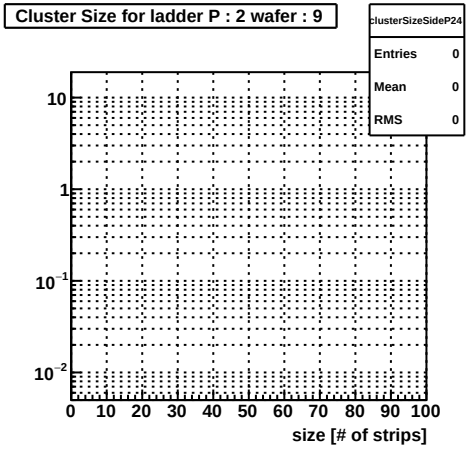

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

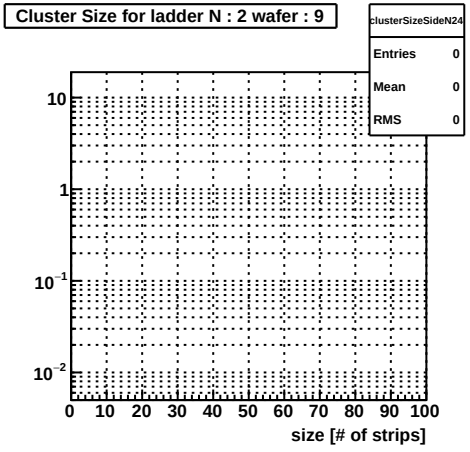

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

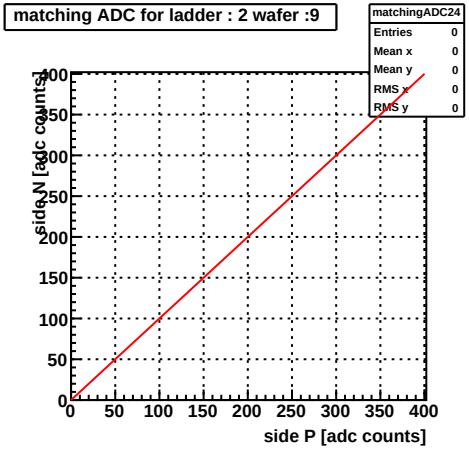

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

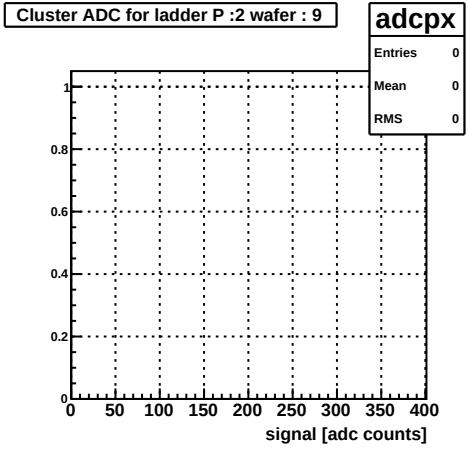

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

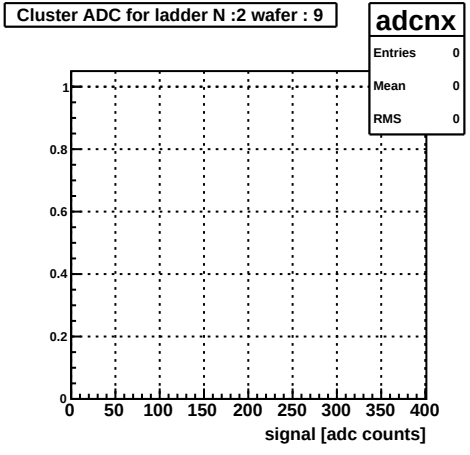

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

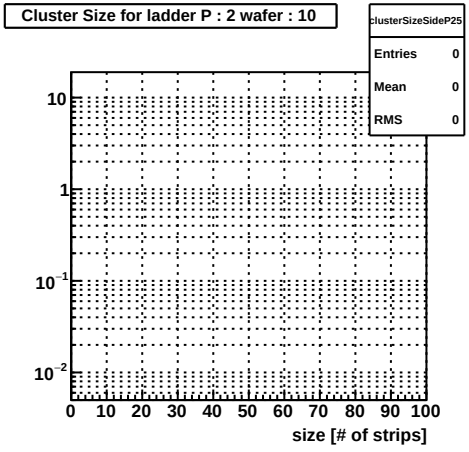

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

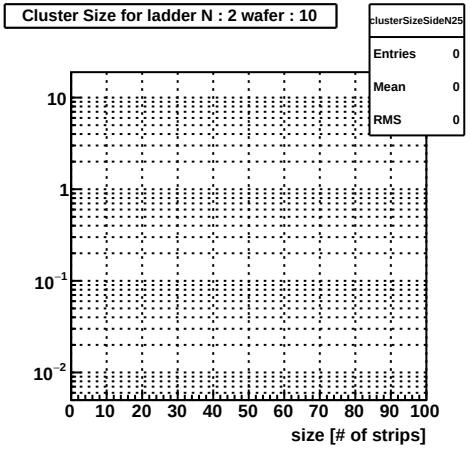

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

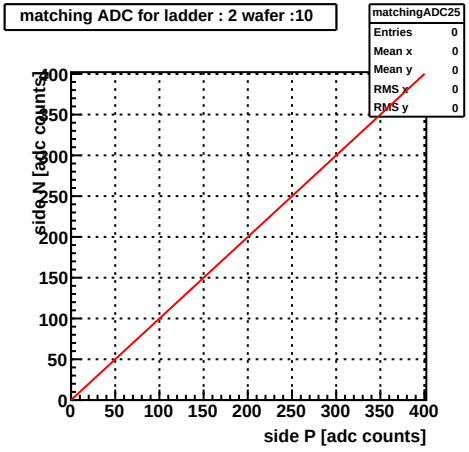

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

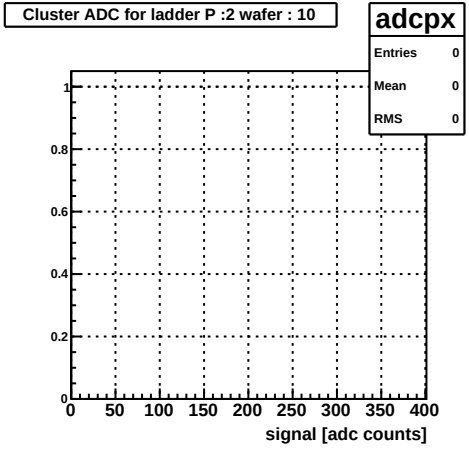

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

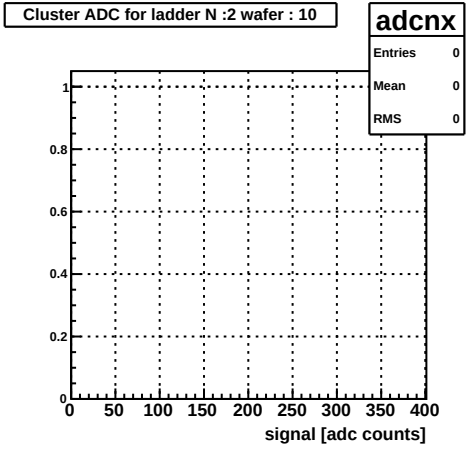

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

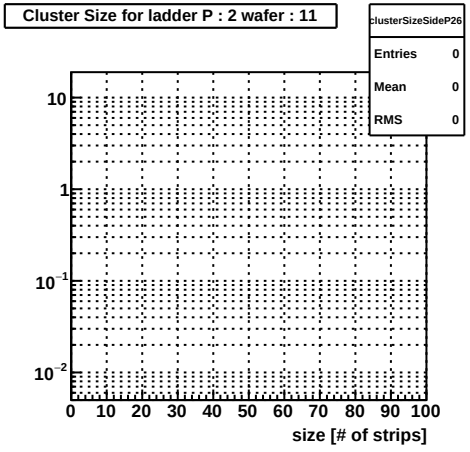

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

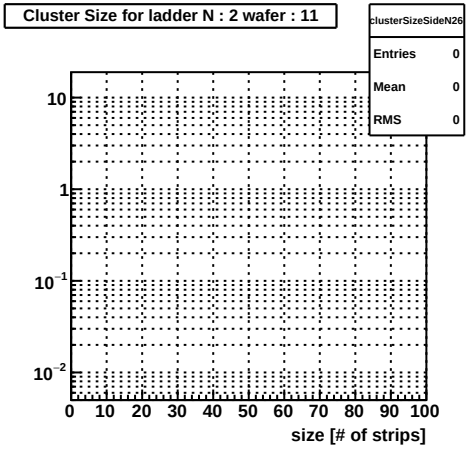

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

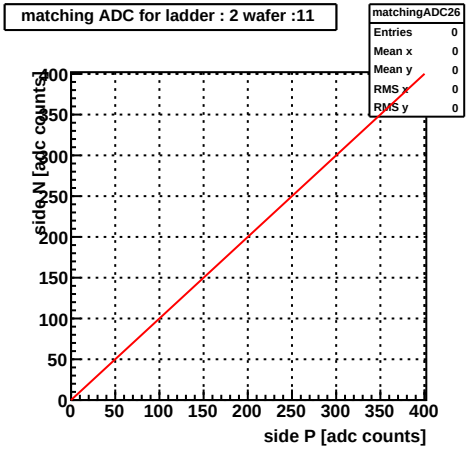

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

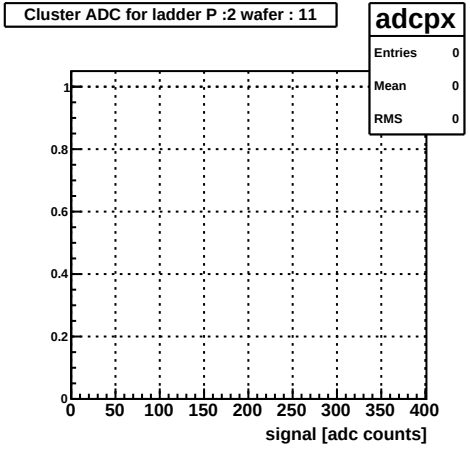

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

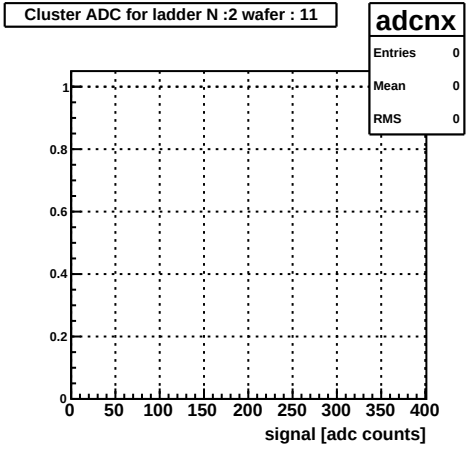

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

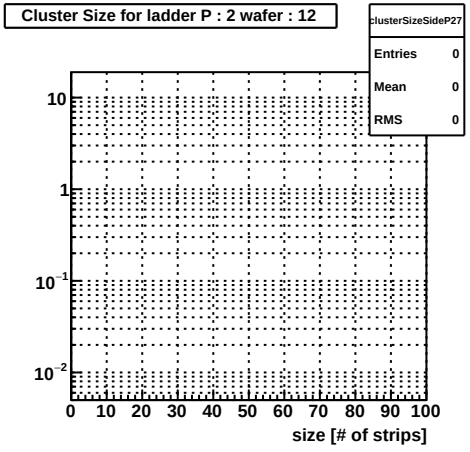

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

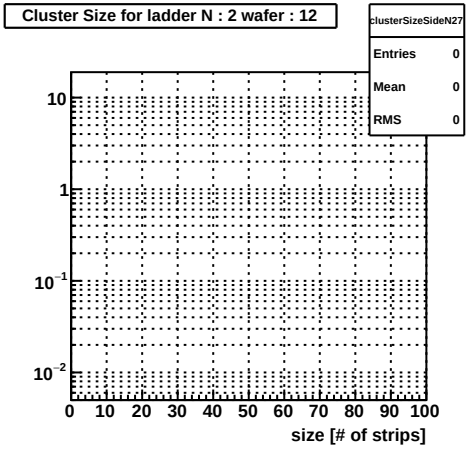

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

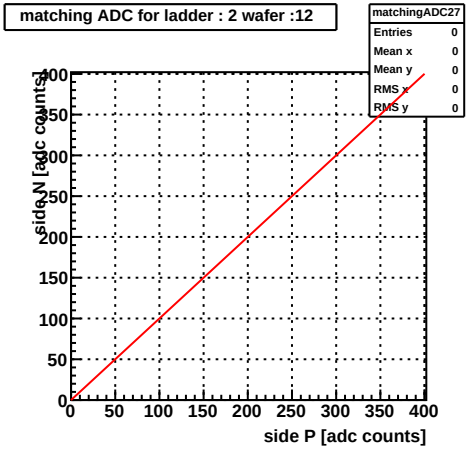

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

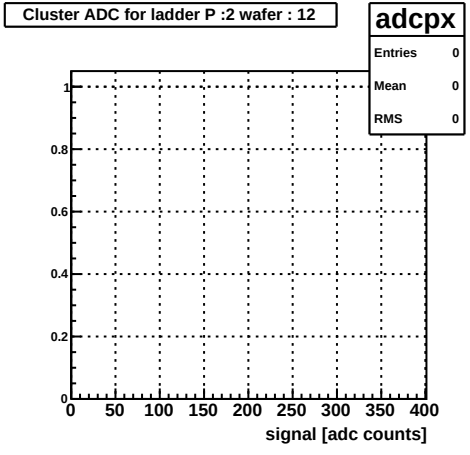

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

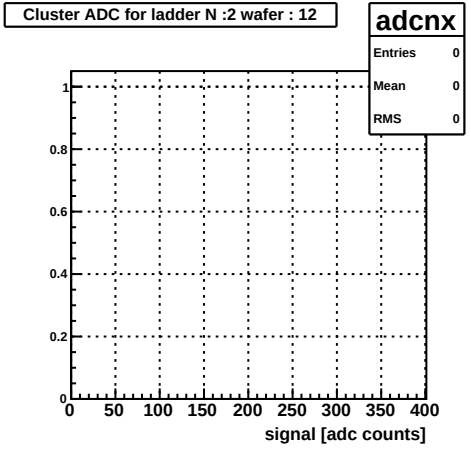

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

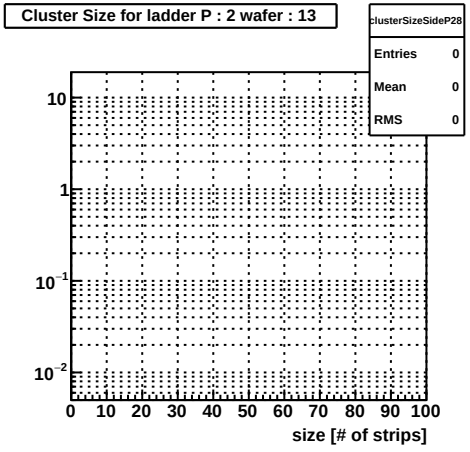

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

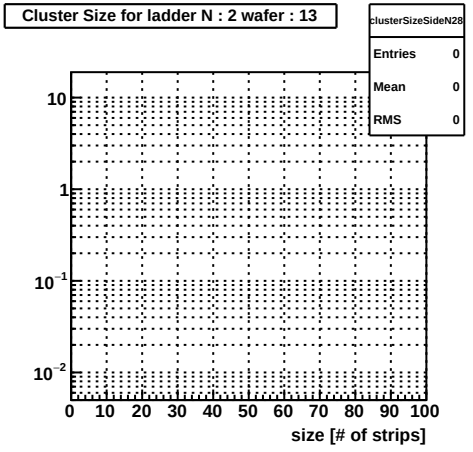

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

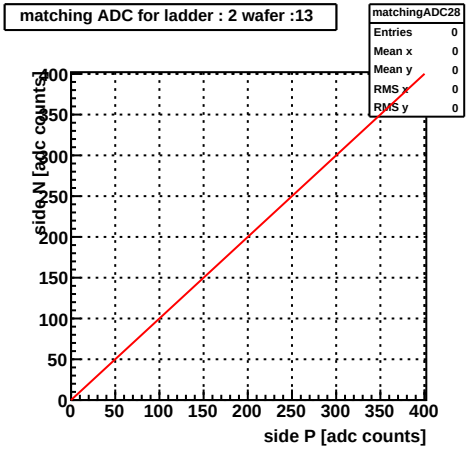

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

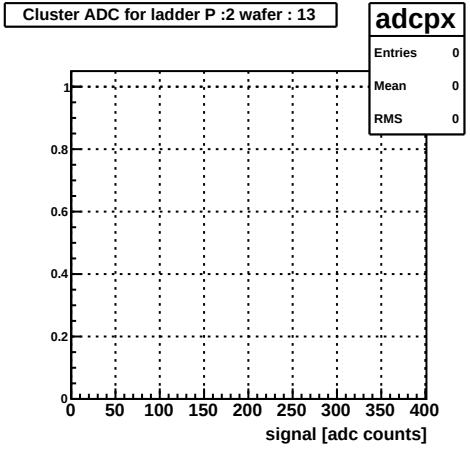

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

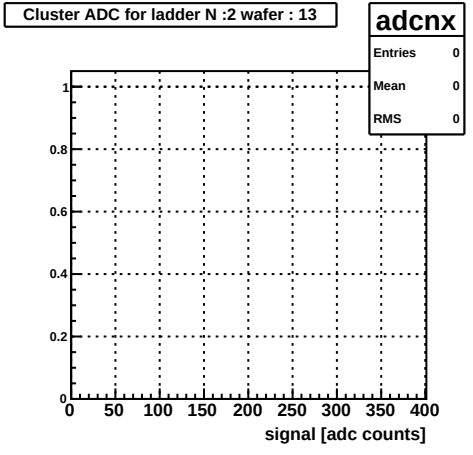

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

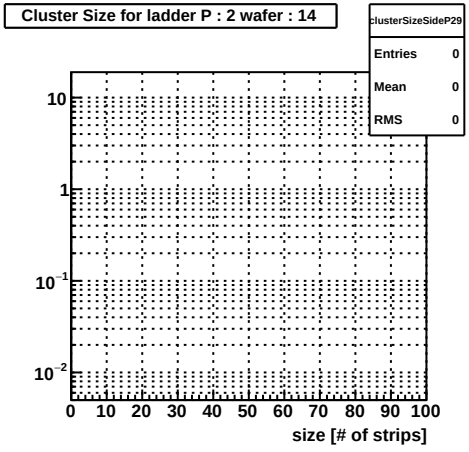

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

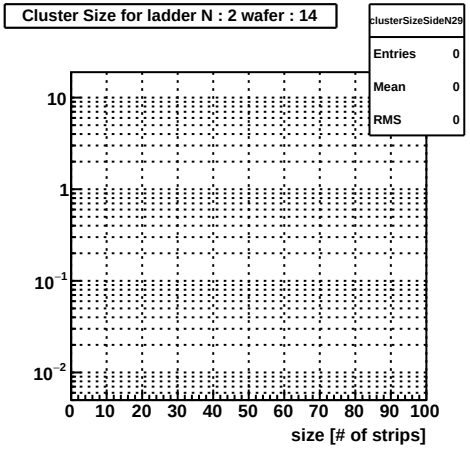

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

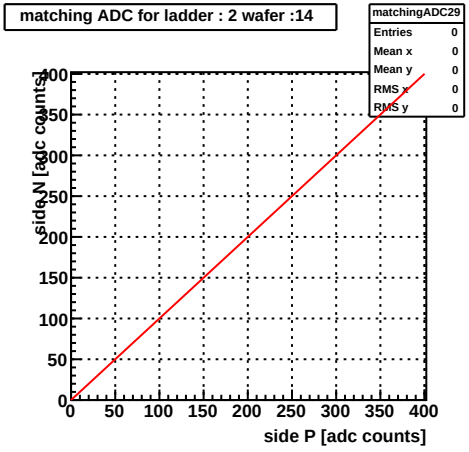

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

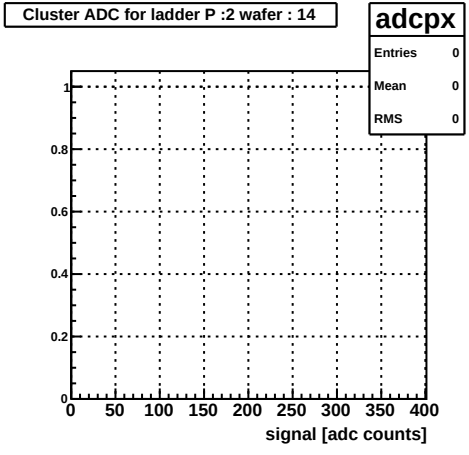

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

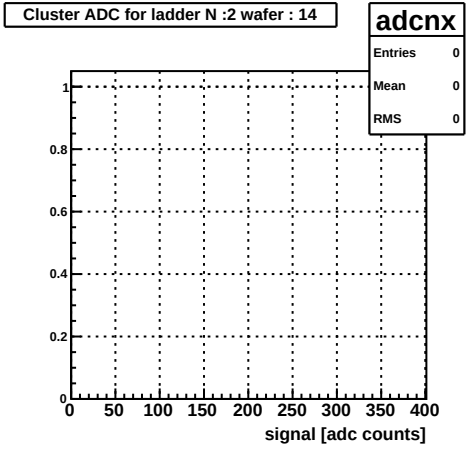

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

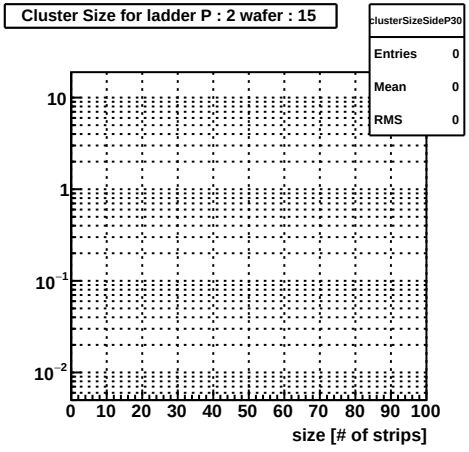

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

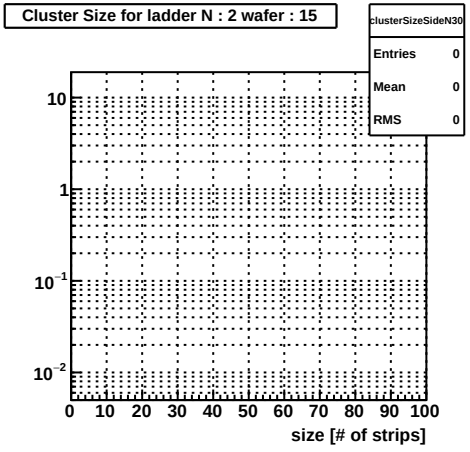

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

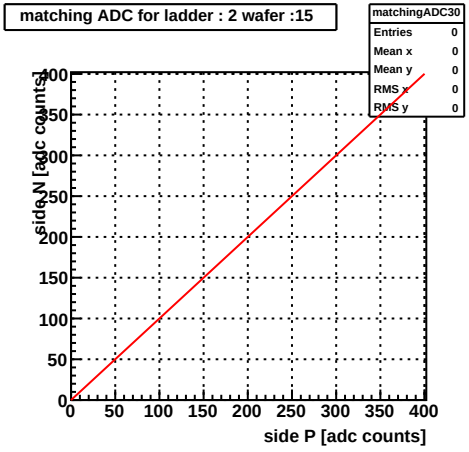

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

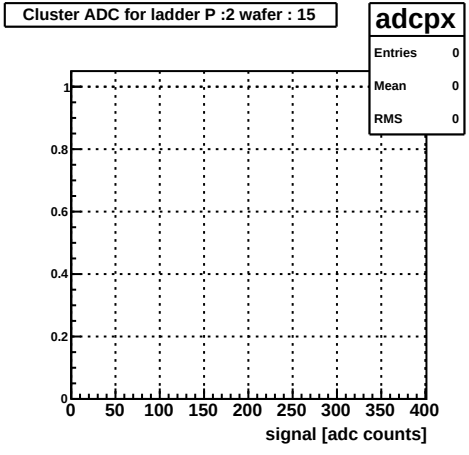

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

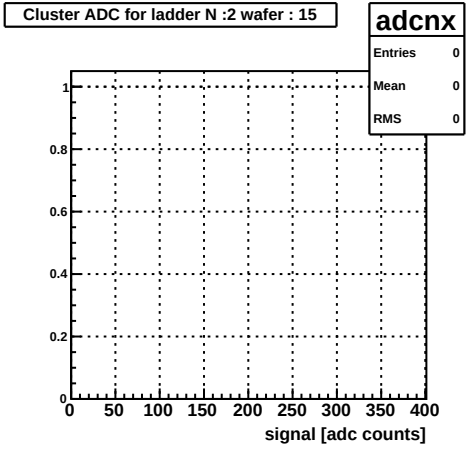

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

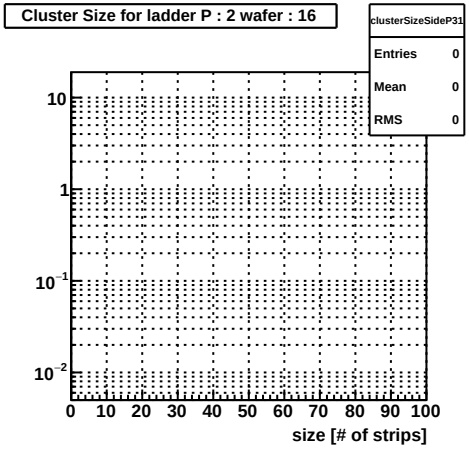

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

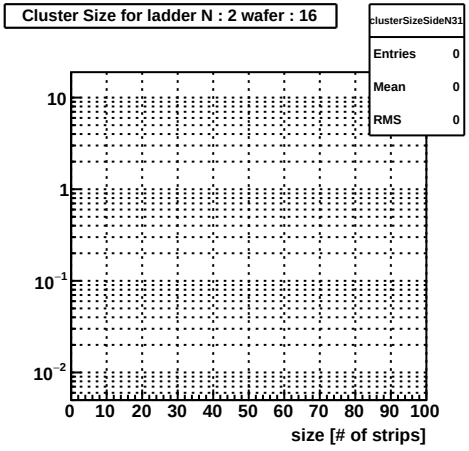

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

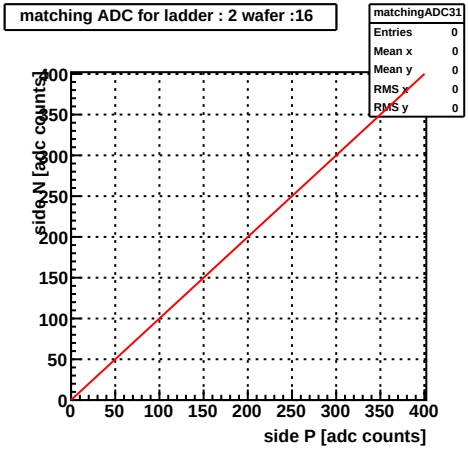

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

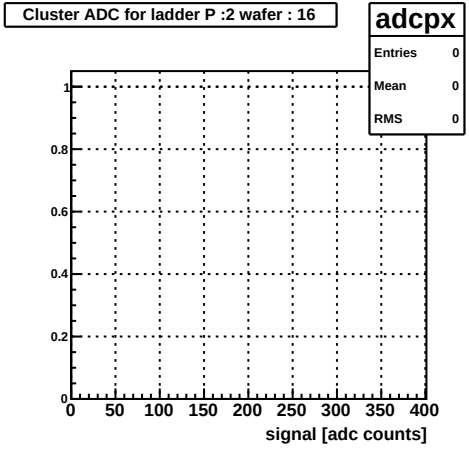

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

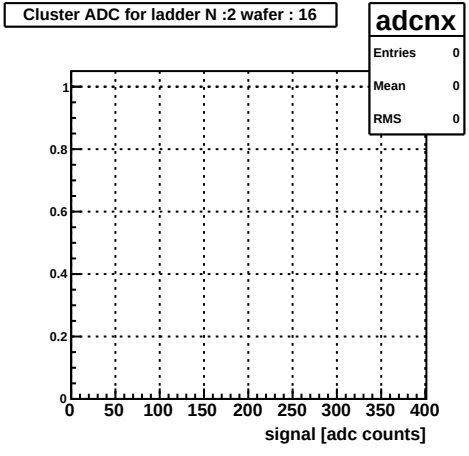

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

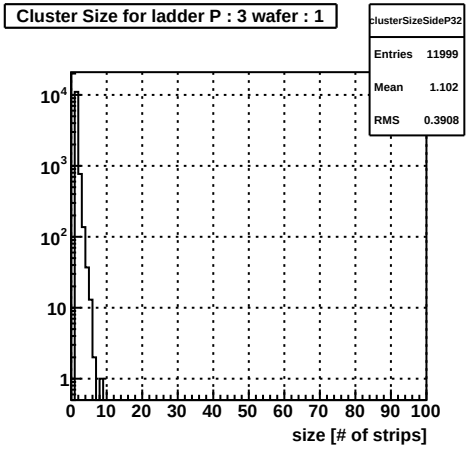

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

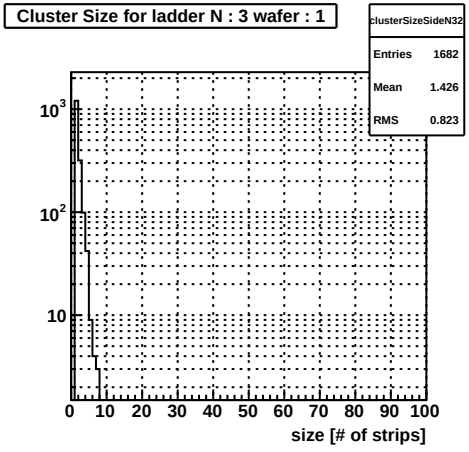

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

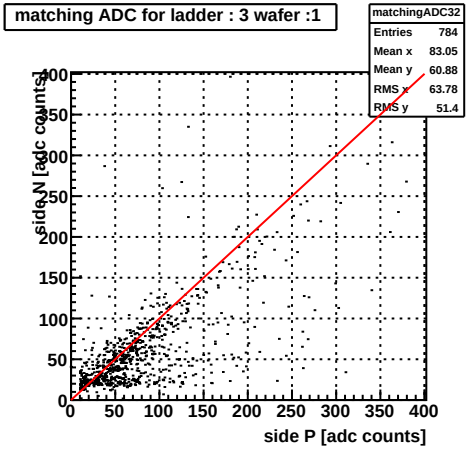

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

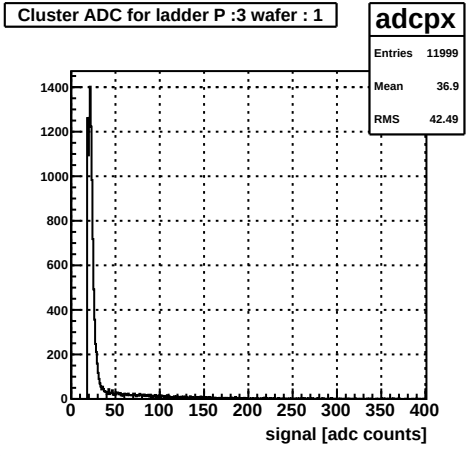

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

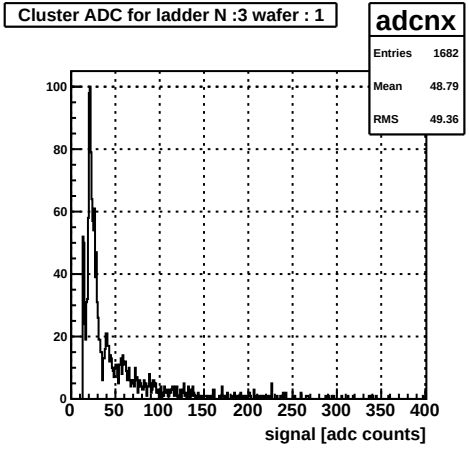

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

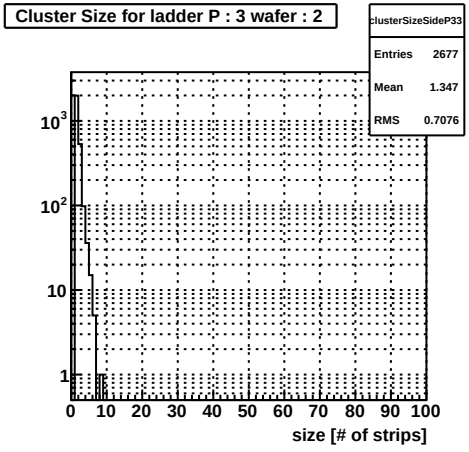

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11999
Mean 1.102
RMS 0.3908
size [# of strips]

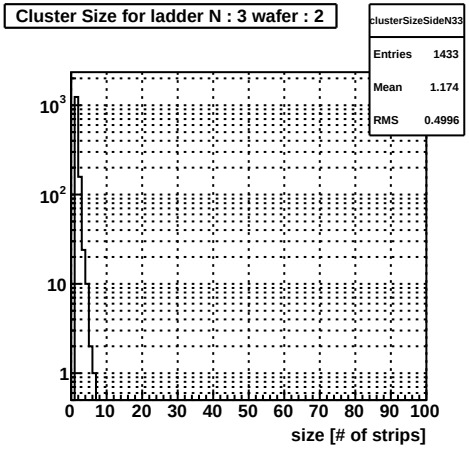

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1682
Mean 1.426
RMS 0.823
size [# of strips]

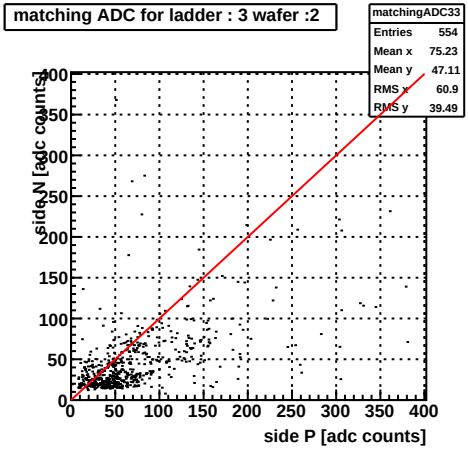

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 784
Mean x 83.05
Mean y 60.88
RMS x 63.78
RMS y 51.4
side N [adc counts]
side P [adc counts]

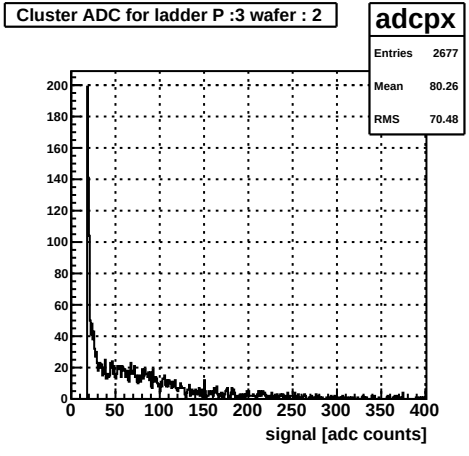

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11999
Mean 36.9
RMS 42.49
signal [adc counts]

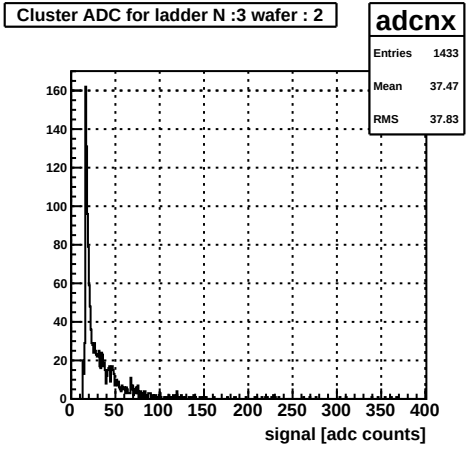

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1682
Mean 48.79
RMS 49.36
signal [adc counts]

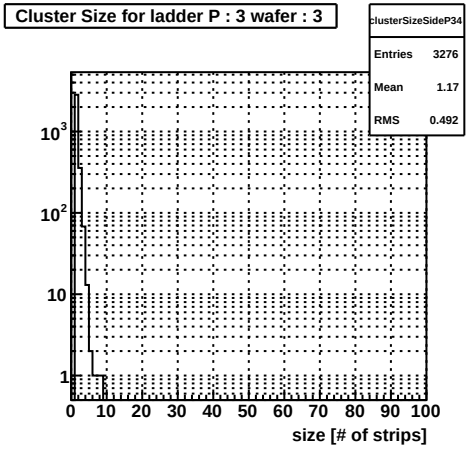

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2677
Mean 1.347
RMS 0.7076
size [# of strips]

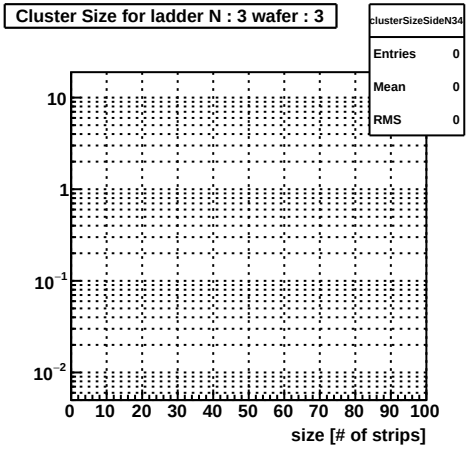

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1433
Mean 1.174
RMS 0.4996
size [# of strips]

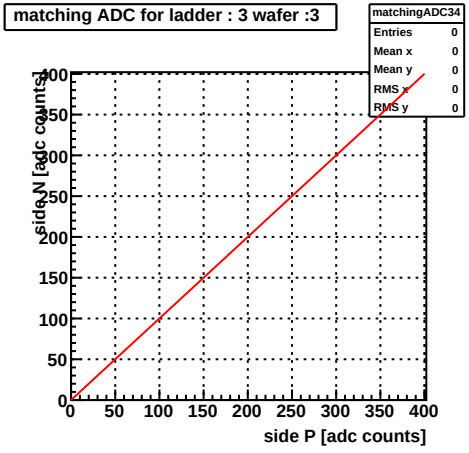

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 554
Mean x 75.23
Mean y 47.11
RMS x 60.9
RMS y 39.49
side N [adc counts]
side P [adc counts]

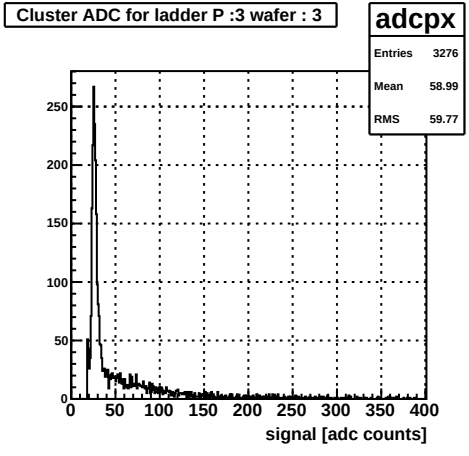

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2677
Mean 80.26
RMS 70.48
signal [adc counts]

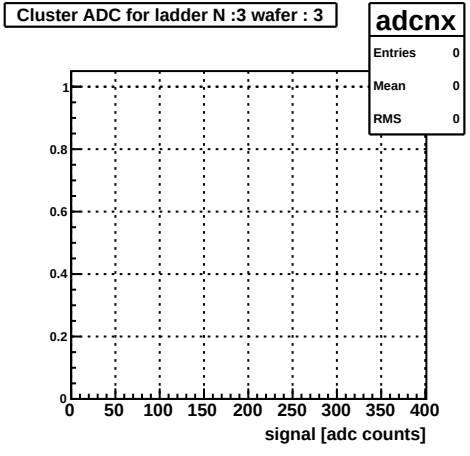

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1433
Mean 37.47
RMS 37.83
signal [adc counts]

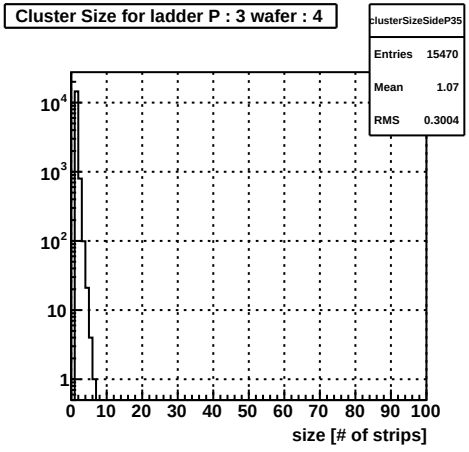

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3276
Mean 1.17
RMS 0.492
size [# of strips]

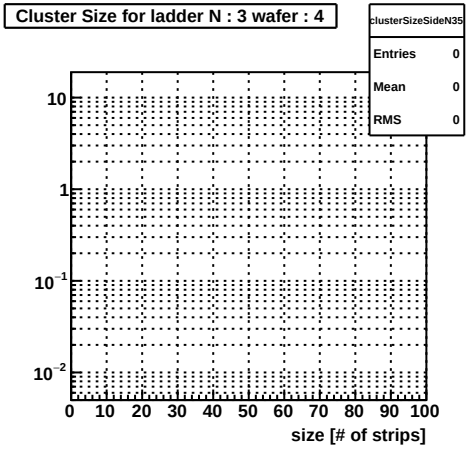

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

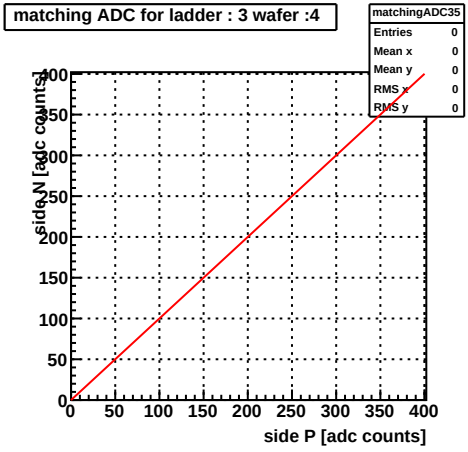

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

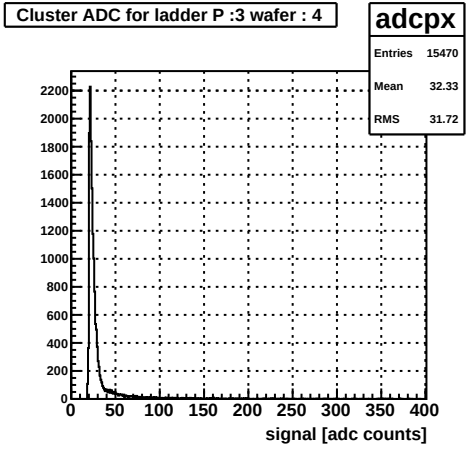

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3276
Mean 58.99
RMS 59.77
signal [adc counts]

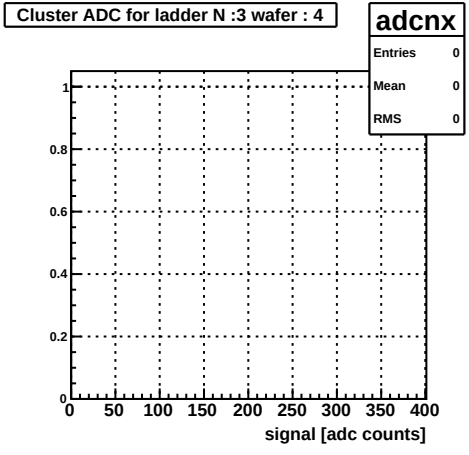

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

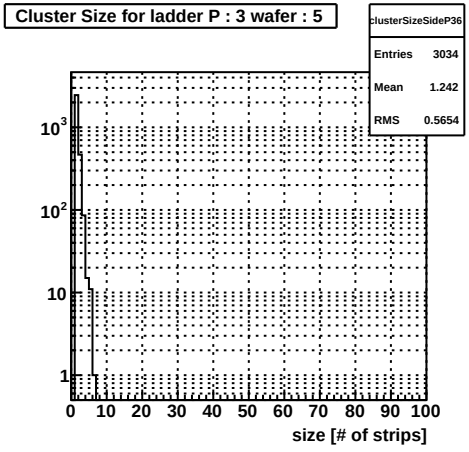

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15470
Mean 1.07
RMS 0.3004
size [# of strips]

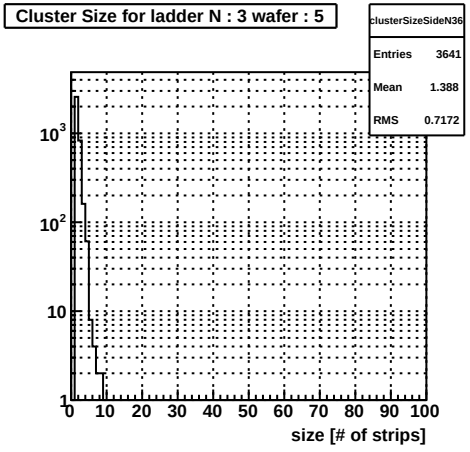

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

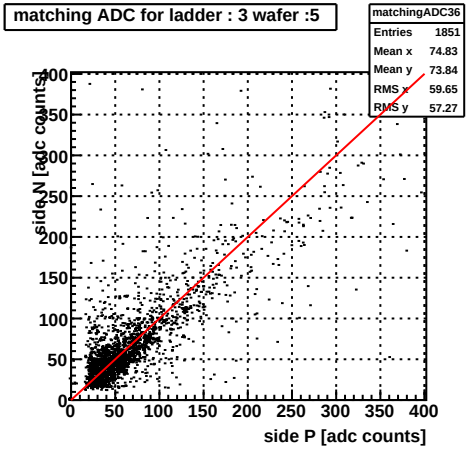

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

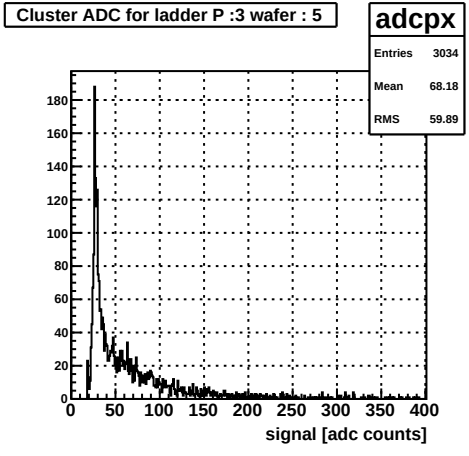

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15470
Mean 32.33
RMS 31.72
signal [adc counts]

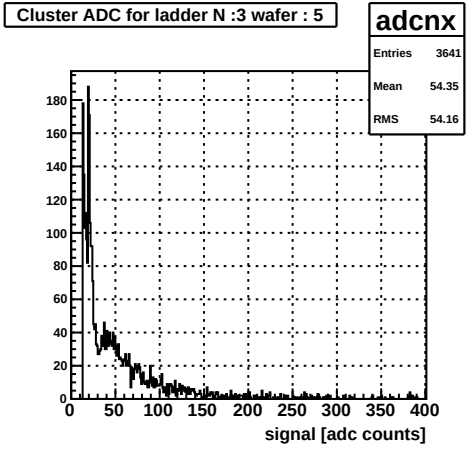

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

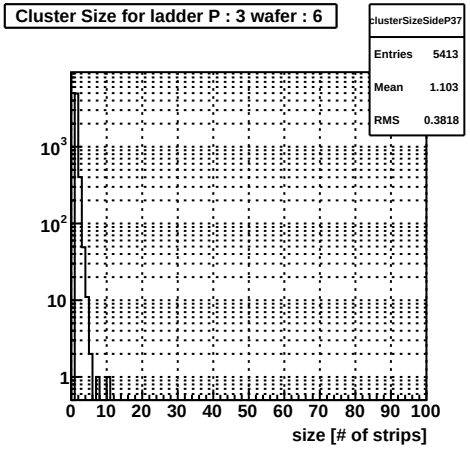

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3034
Mean 1.242
RMS 0.5654
size [# of strips]

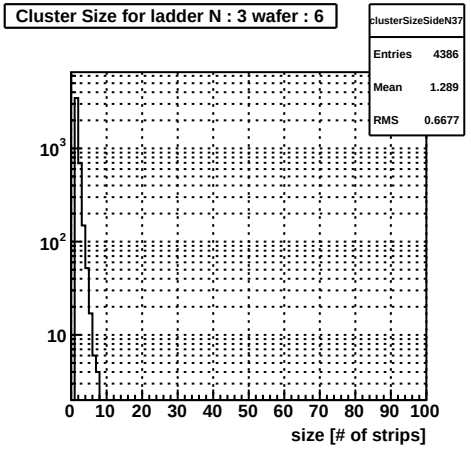

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3641
Mean 1.388
RMS 0.7172
size [# of strips]

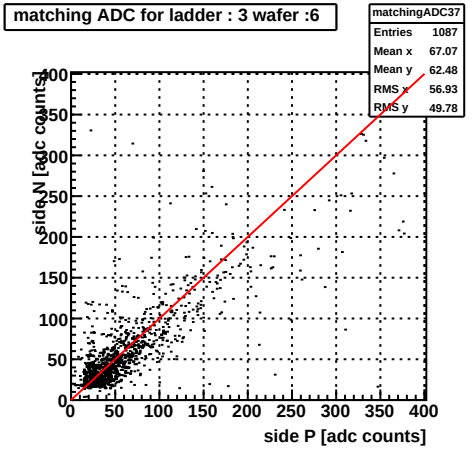

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1851
Mean x 74.83
Mean y 73.84
RMS x 59.65
RMS y 57.27
side N [adc counts]
side P [adc counts]

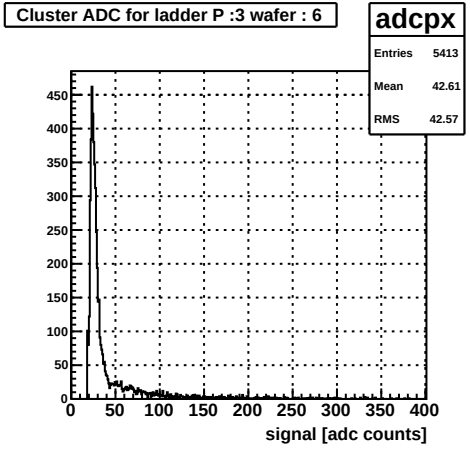

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3034
Mean 68.18
RMS 59.89
signal [adc counts]

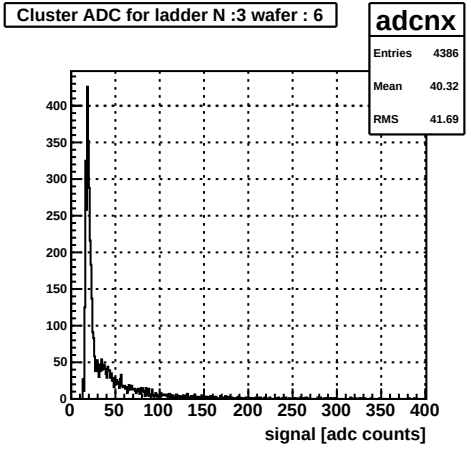

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3641
Mean 54.35
RMS 54.16
signal [adc counts]

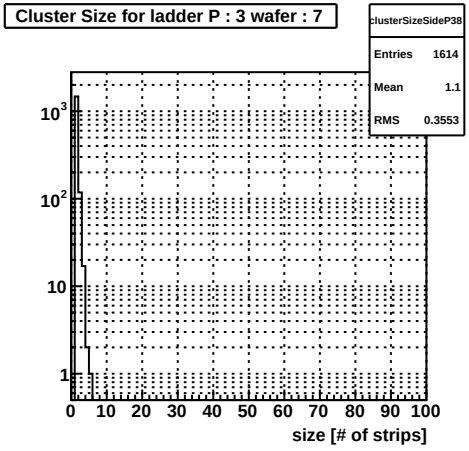

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5413
Mean 1.103
RMS 0.3818
size [# of strips]

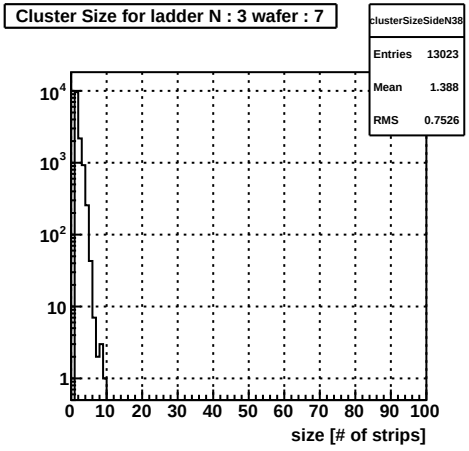

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4386
Mean 1.289
RMS 0.6677
size [# of strips]

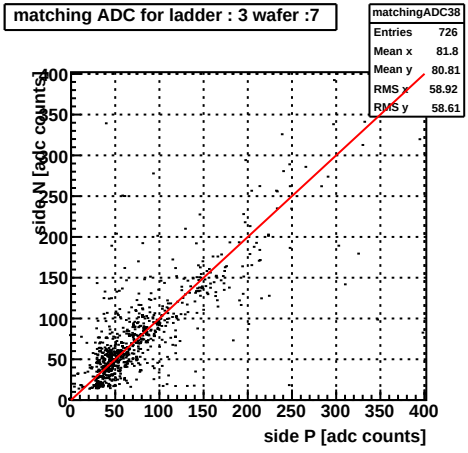

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1087
Mean x 67.07
Mean y 62.48
RMS x 56.93
RMS y 49.78
side N [adc counts]
side P [adc counts]

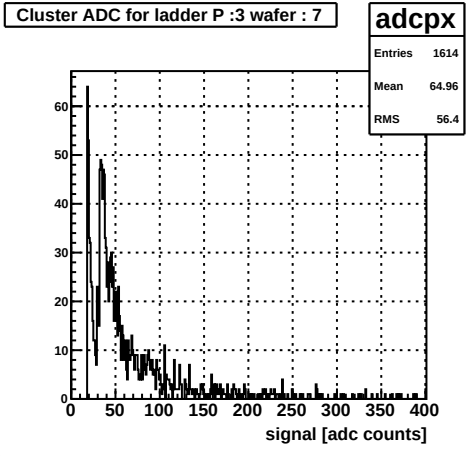

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5413
Mean 42.61
RMS 42.57
signal [adc counts]

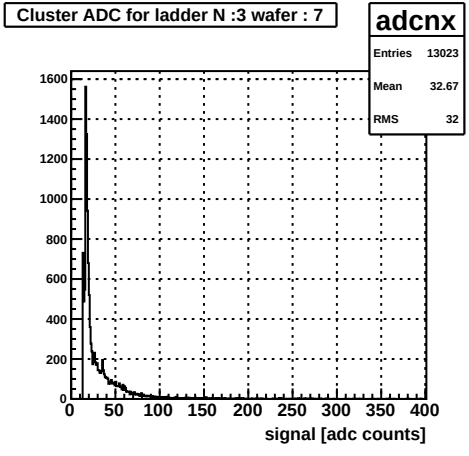

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4386
Mean 40.32
RMS 41.69
signal [adc counts]

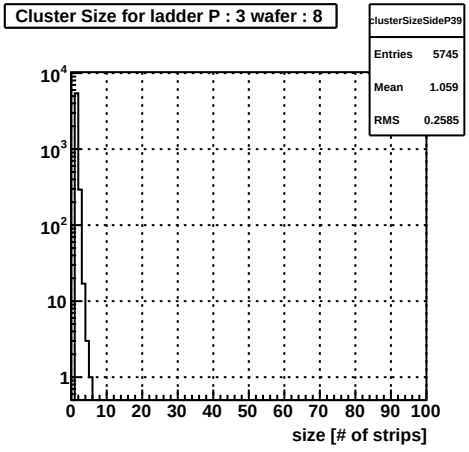

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1614
Mean 1.1
RMS 0.3553
size [# of strips]

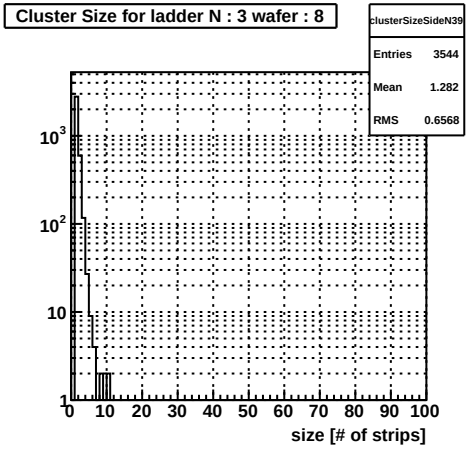

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13023
Mean 1.388
RMS 0.7526
size [# of strips]

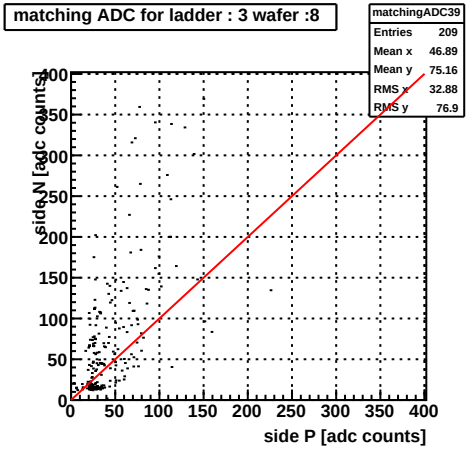

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 726
Mean x 81.8
Mean y 80.81
RMS x 58.92
RMS y 58.61
side N [adc counts]
side P [adc counts]

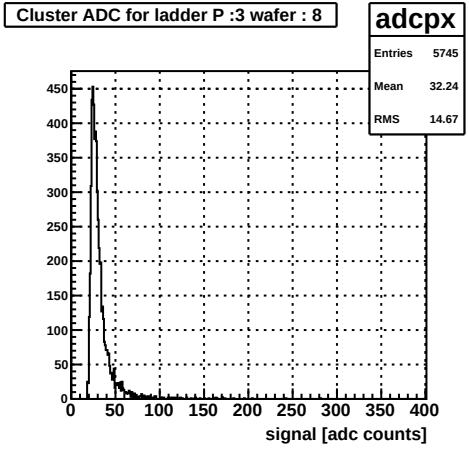

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1614
Mean 64.96
RMS 56.4
signal [adc counts]

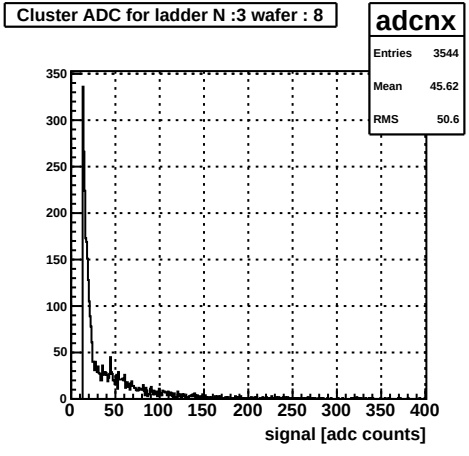

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13023
Mean 32.67
RMS 32
signal [adc counts]

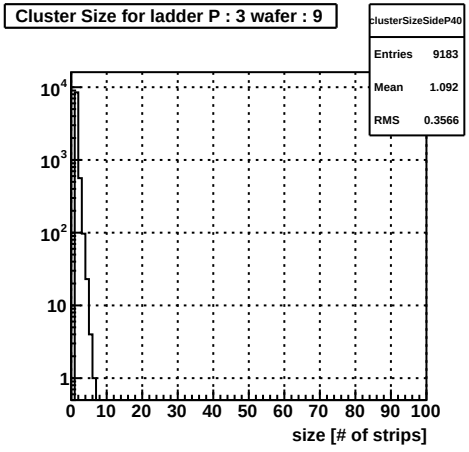

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5745
Mean 1.059
RMS 0.2585
size [# of strips]

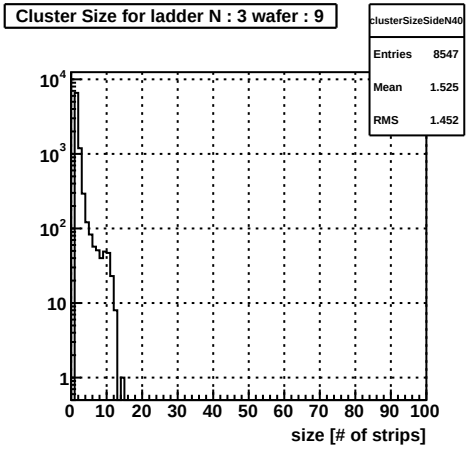

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3544
Mean 1.282
RMS 0.6568
size [# of strips]

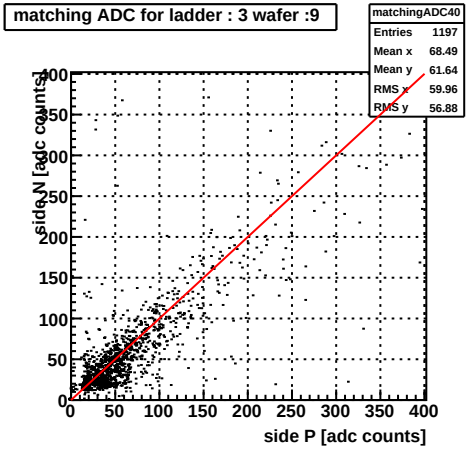

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 209
Mean x 46.89
Mean y 75.16
RMS x 32.88
RMS y 76.9
side N [adc counts]
side P [adc counts]

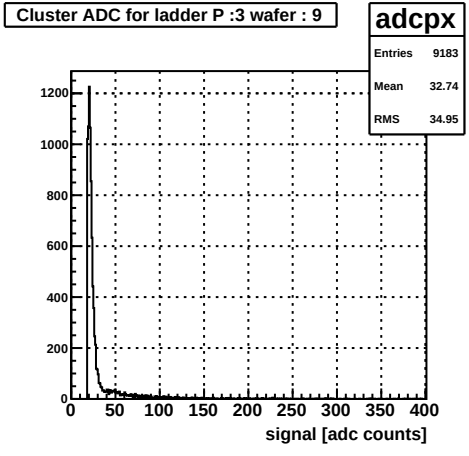

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5745
Mean 32.24
RMS 14.67
signal [adc counts]

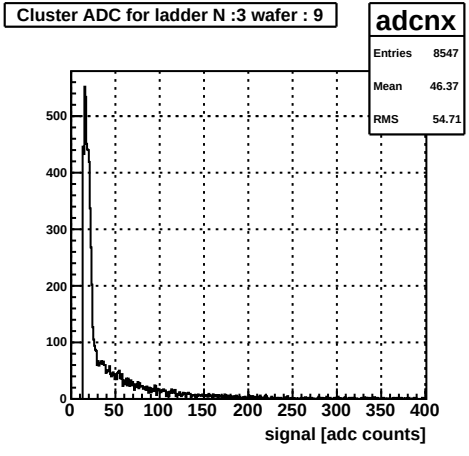

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3544
Mean 45.62
RMS 50.6
signal [adc counts]

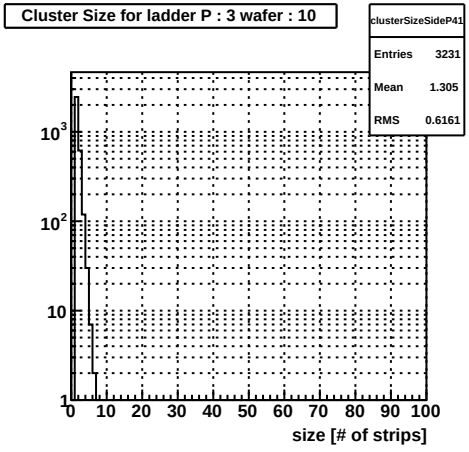

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9183
Mean 1.092
RMS 0.3566
size [# of strips]

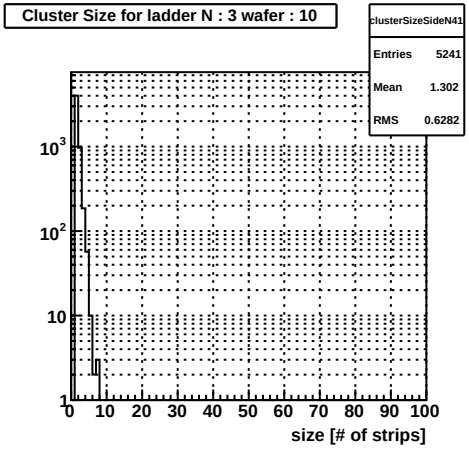

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8547
Mean 1.525
RMS 1.452
size [# of strips]

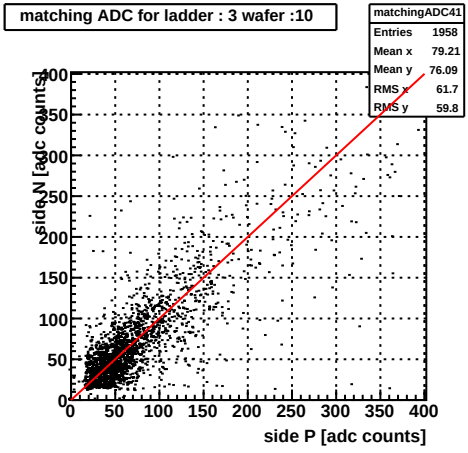

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1197
Mean x 68.49
Mean y 61.64
RMS x 59.96
RMS y 56.88
side N [adc counts]
side P [adc counts]

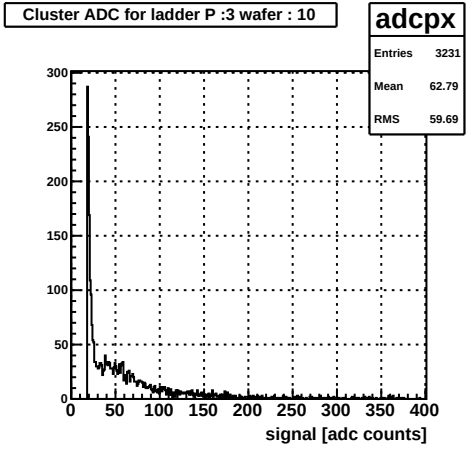

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9183
Mean 32.74
RMS 34.95
signal [adc counts]

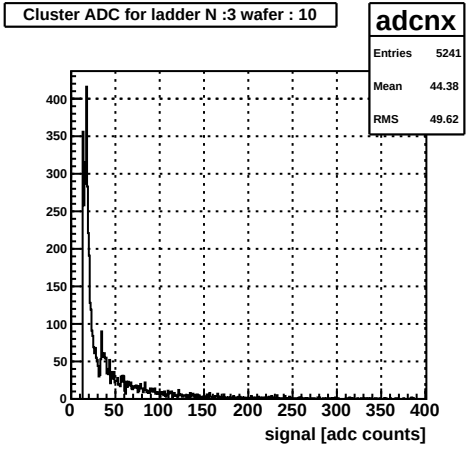

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8547
Mean 46.37
RMS 54.71
signal [adc counts]

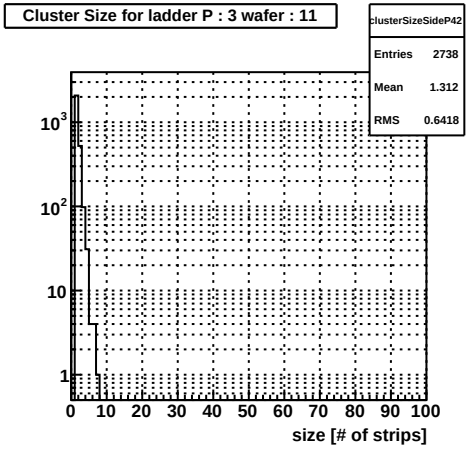

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3231
Mean 1.305
RMS 0.6161
size [# of strips]

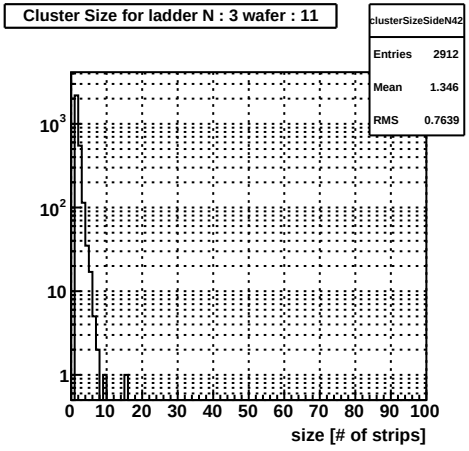

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5241
Mean 1.302
RMS 0.6282
size [# of strips]

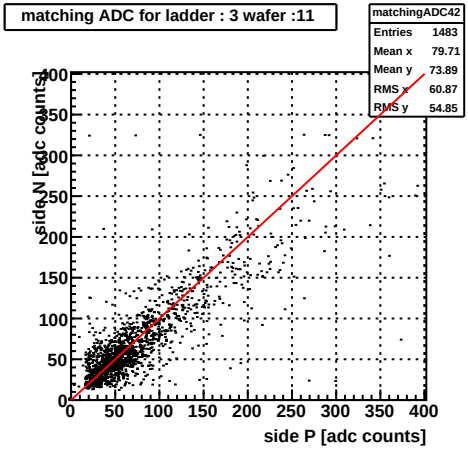

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1958
Mean x 79.21
Mean y 76.09
RMS x 61.7
RMS y 59.8
side N [adc counts]
side P [adc counts]

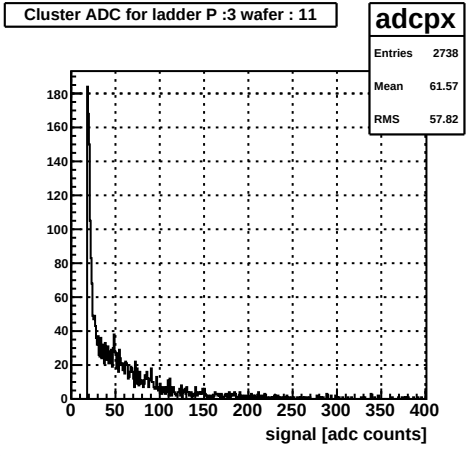

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3231
Mean 62.79
RMS 59.69
signal [adc counts]

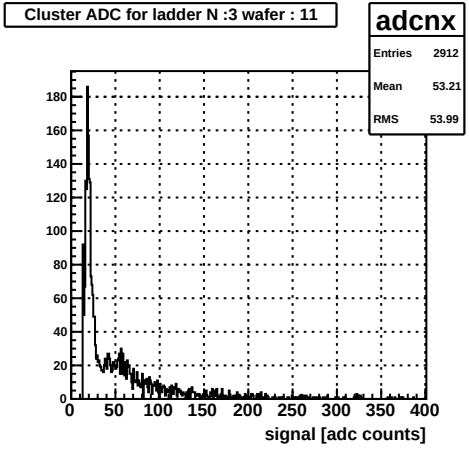

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5241
Mean 44.38
RMS 49.62
signal [adc counts]

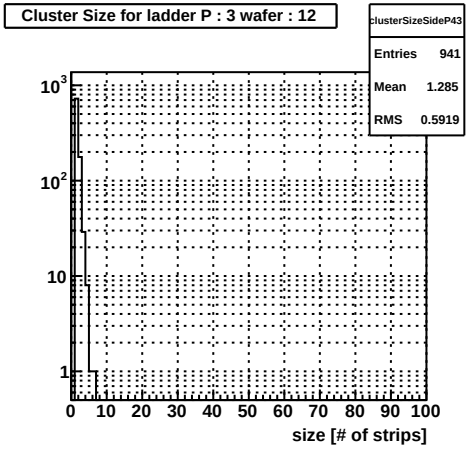

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2738
Mean 1.312
RMS 0.6418
size [# of strips]

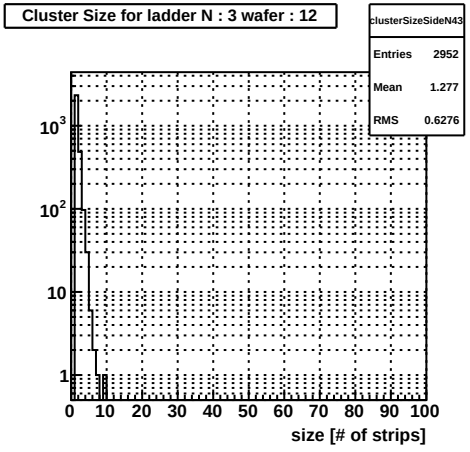

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2912
Mean 1.346
RMS 0.7639
size [# of strips]

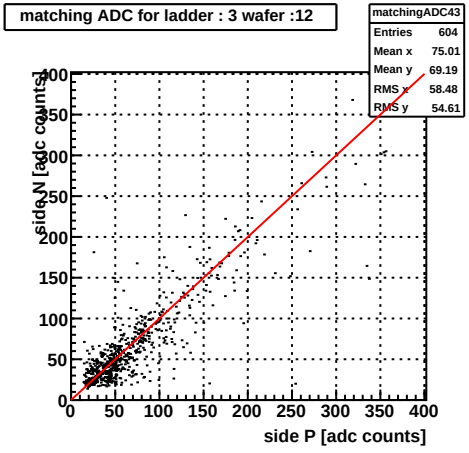

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1483
Mean x 79.71
Mean y 73.89
RMS x 60.87
RMS y 54.85
side N [adc counts]
side P [adc counts]

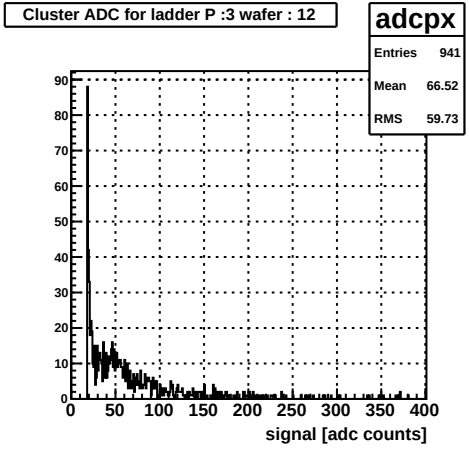

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2738
Mean 61.57
RMS 57.82
signal [adc counts]

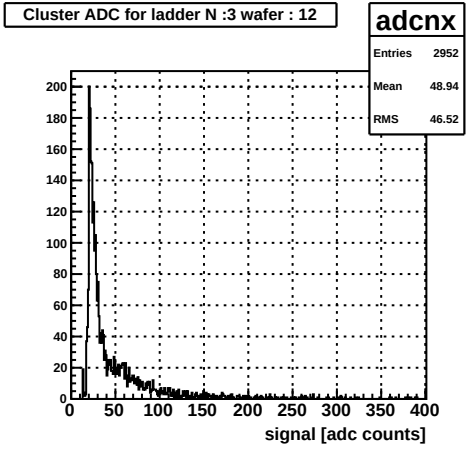

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2912
Mean 53.21
RMS 53.99
signal [adc counts]

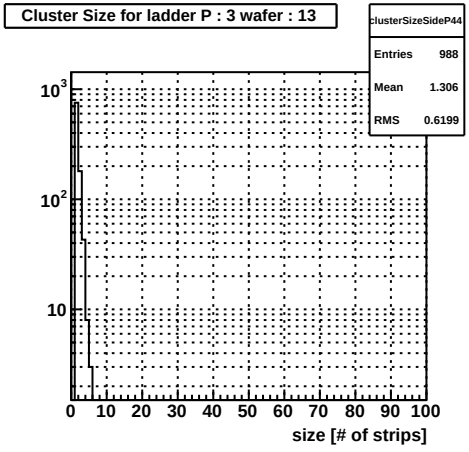

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 941
Mean 1.285
RMS 0.5919
size [# of strips]

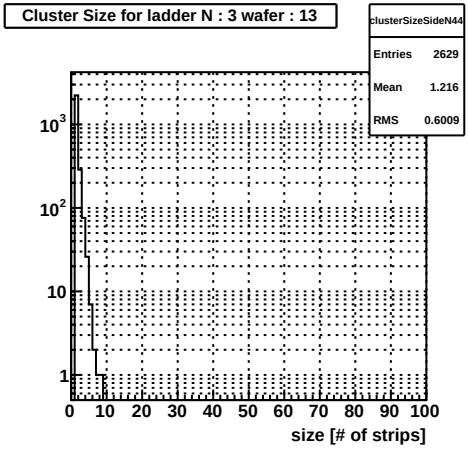

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2952
Mean 1.277
RMS 0.6276
size [# of strips]

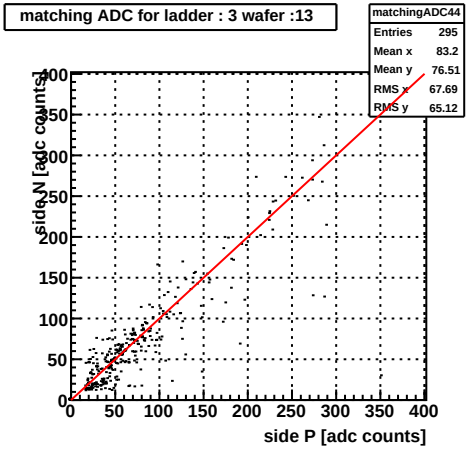

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 604
Mean x 75.01
Mean y 69.19
RMS x 58.48
RMS y 54.61
side N [adc counts]
side P [adc counts]

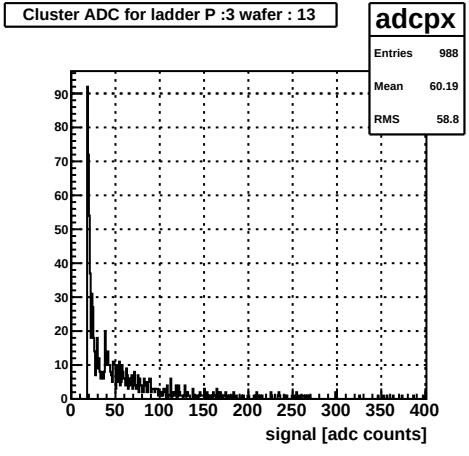

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 941
Mean 66.52
RMS 59.73
signal [adc counts]

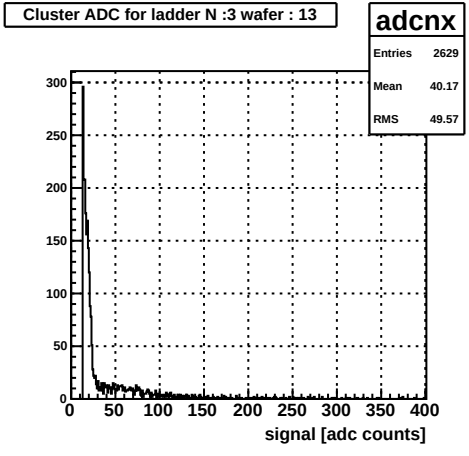

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2952
Mean 48.94
RMS 46.52
signal [adc counts]

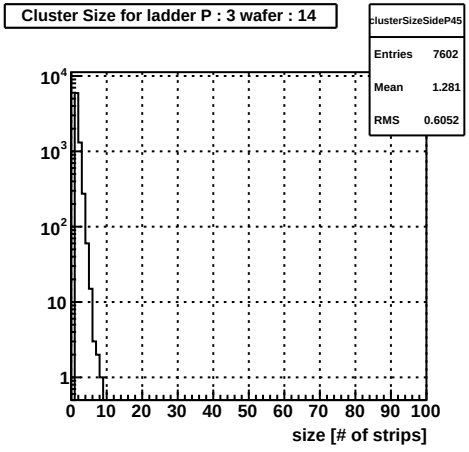

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 988
Mean 1.306
RMS 0.6199
size [# of strips]

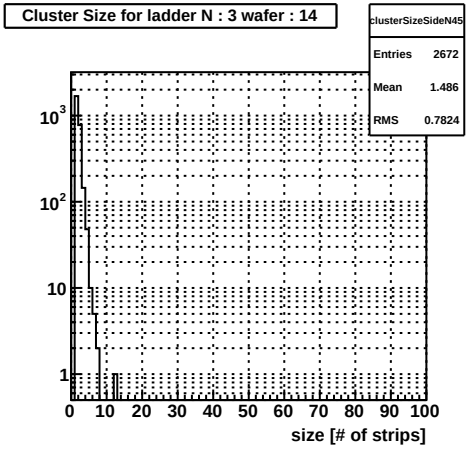

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2629
Mean 1.216
RMS 0.6009
size [# of strips]

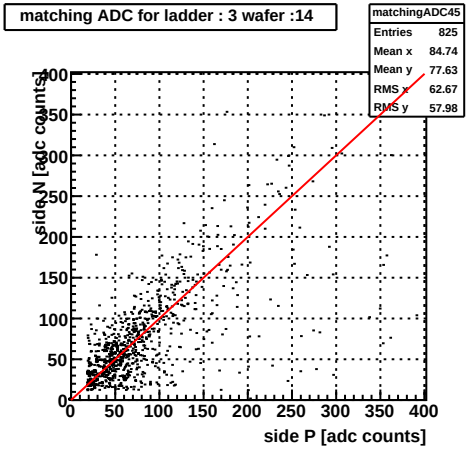

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 295
Mean x 83.2
Mean y 76.51
RMS x 67.69
RMS y 65.12
side N [adc counts]
side P [adc counts]

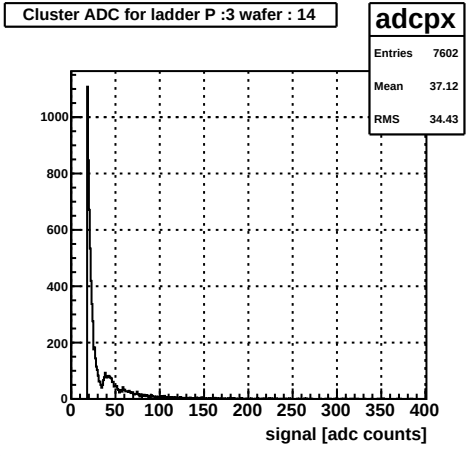

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 988
Mean 60.19
RMS 58.8
signal [adc counts]

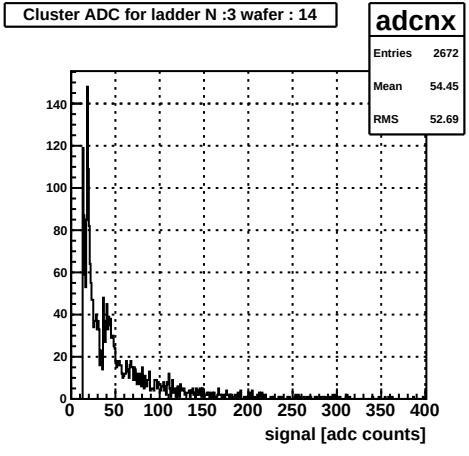

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2629
Mean 40.17
RMS 49.57
signal [adc counts]

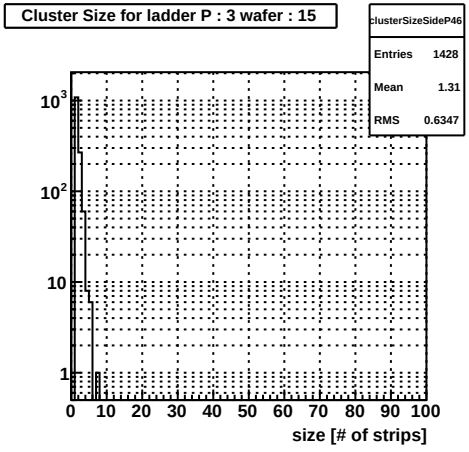

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7602
Mean 1.281
RMS 0.6052
size [# of strips]

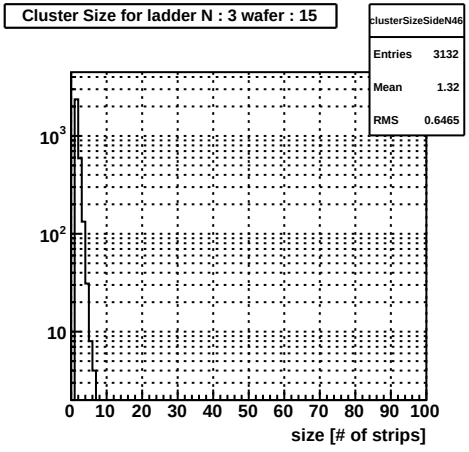

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2672
Mean 1.486
RMS 0.7824
size [# of strips]

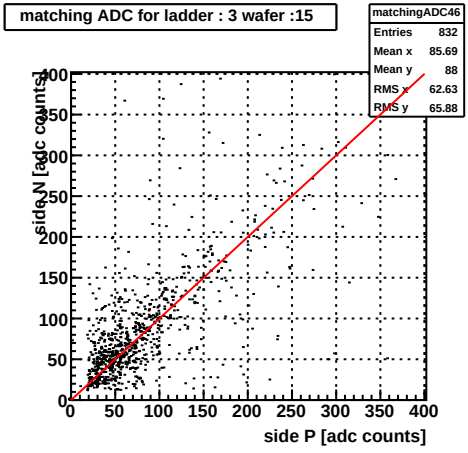

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 825
Mean x 84.74
Mean y 77.63
RMS x 62.67
RMS y 57.98
side N [adc counts]
side P [adc counts]

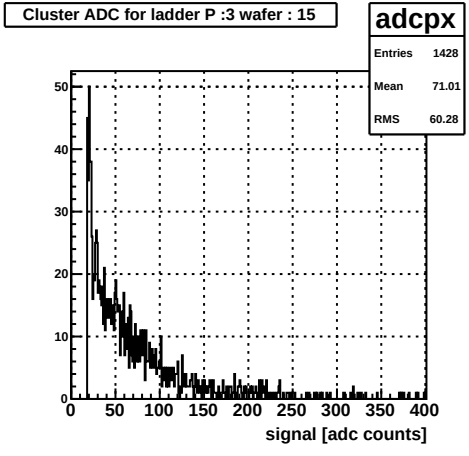

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7602
Mean 37.12
RMS 34.43
signal [adc counts]

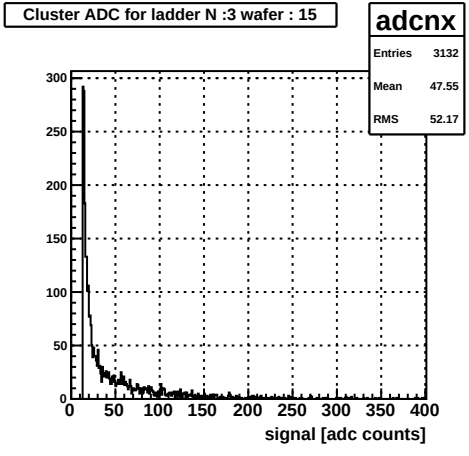

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2672
Mean 54.45
RMS 52.69
signal [adc counts]

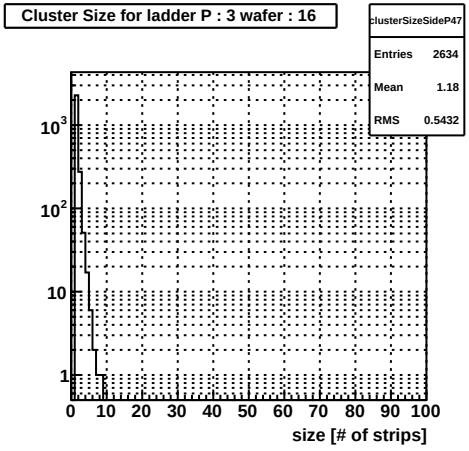

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1428
Mean 1.31
RMS 0.6347
size [# of strips]

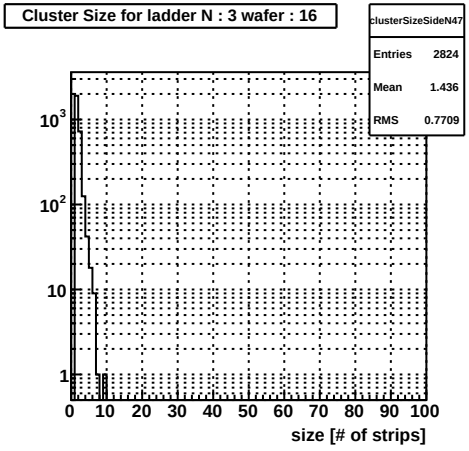

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3132
Mean 1.32
RMS 0.6465
size [# of strips]

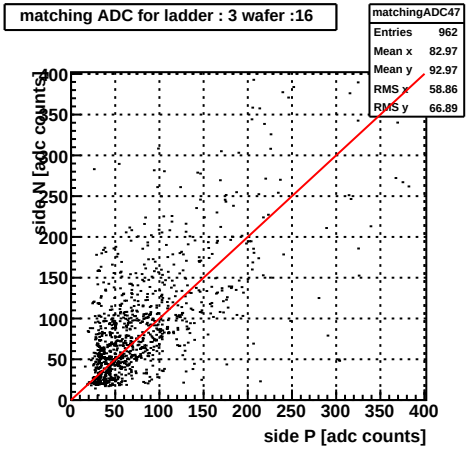

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 832
Mean x 85.69
Mean y 88
RMS x 62.63
RMS y 65.88
side N [adc counts]
side P [adc counts]

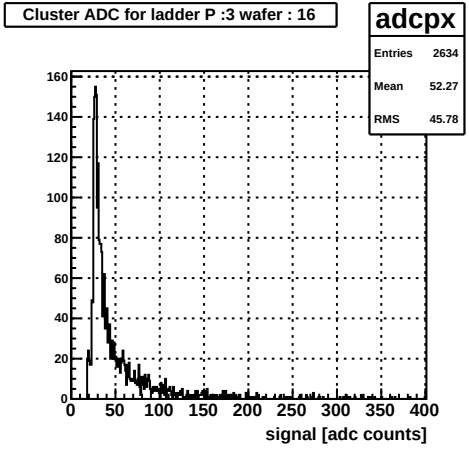

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1428
Mean 71.01
RMS 60.28
signal [adc counts]

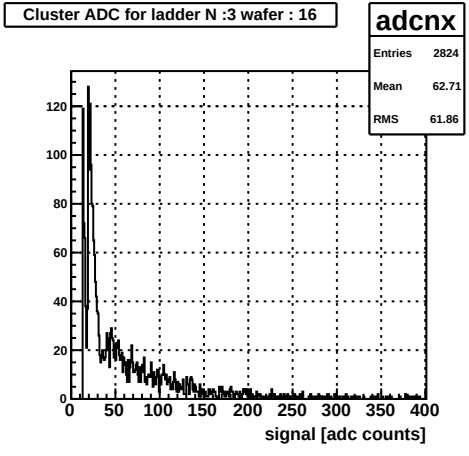

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3132
Mean 47.55
RMS 52.17
signal [adc counts]

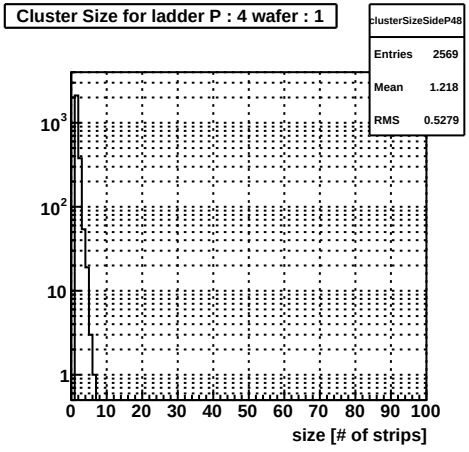

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2634
Mean 1.18
RMS 0.5432
size [# of strips]

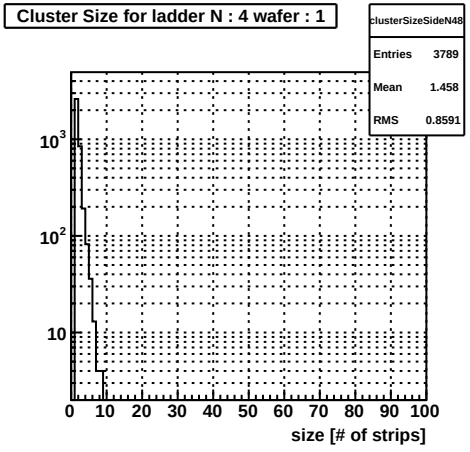

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2824
Mean 1.436
RMS 0.7709
size [# of strips]

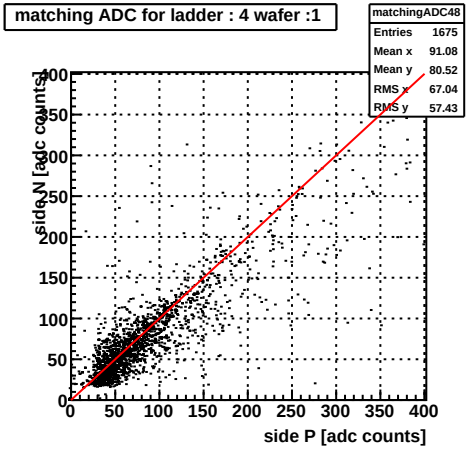

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 962
Mean x 82.97
Mean y 92.97
RMS x 58.86
RMS y 66.89
side N [adc counts]
side P [adc counts]

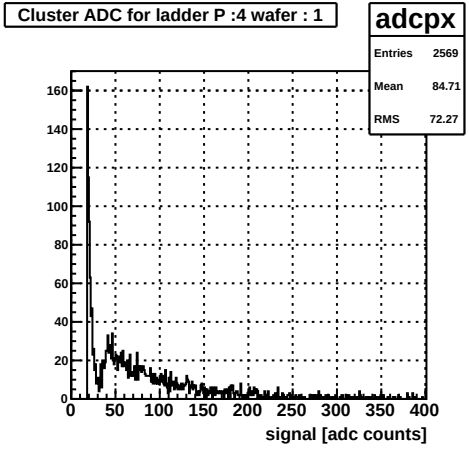

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2634
Mean 52.27
RMS 45.78
signal [adc counts]

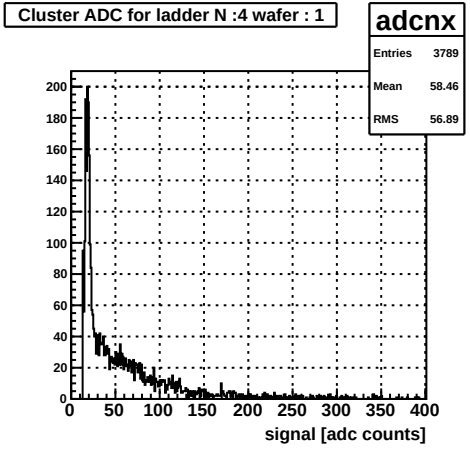

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2824
Mean 62.71
RMS 61.86
signal [adc counts]

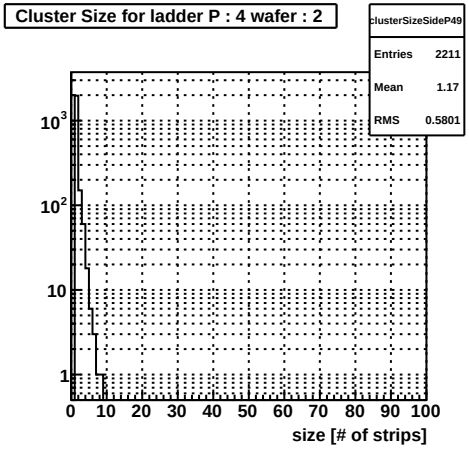

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2569
Mean 1.218
RMS 0.5279
size [# of strips]

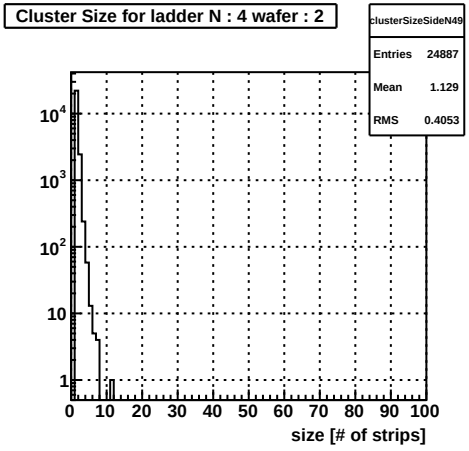

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3789
Mean 1.458
RMS 0.8591
size [# of strips]

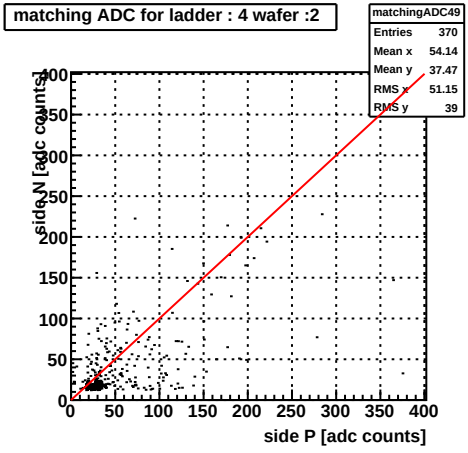

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1675
Mean x 91.08
Mean y 80.52
RMS x 67.04
RMS y 57.43
side N [adc counts]
side P [adc counts]

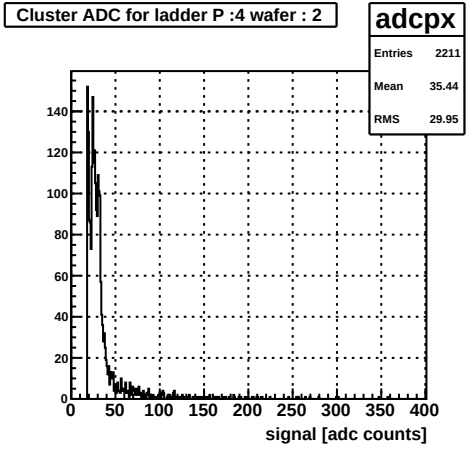

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2569
Mean 84.71
RMS 72.27
signal [adc counts]

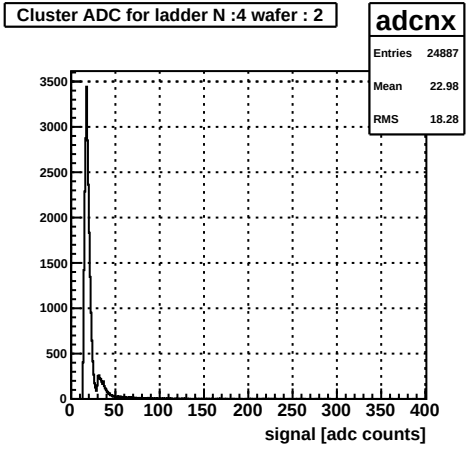

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3789
Mean 58.46
RMS 56.89
signal [adc counts]

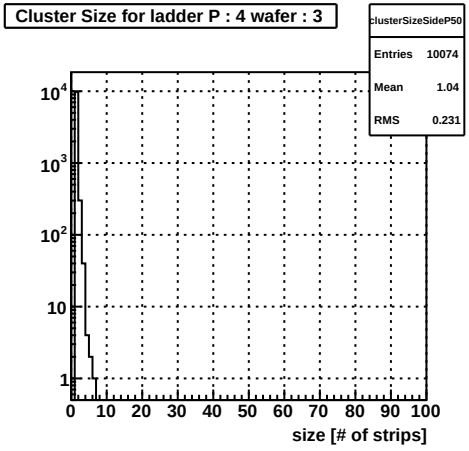

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2211
Mean 1.17
RMS 0.5801
size [# of strips]

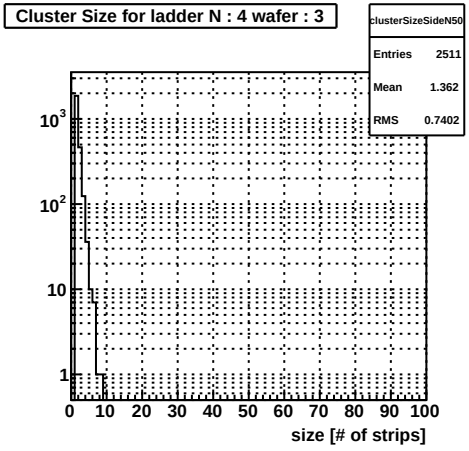

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 24887
Mean 1.129
RMS 0.4053
size [# of strips]

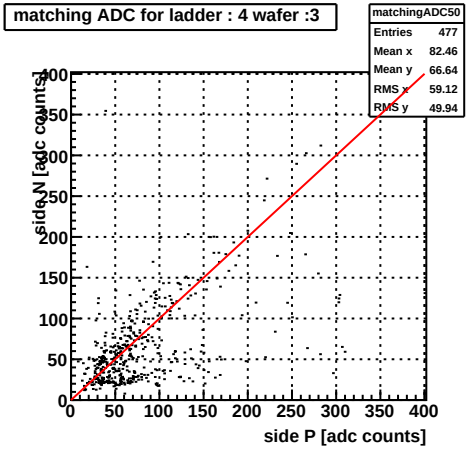

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 370
Mean x 54.14
Mean y 37.47
RMS x 51.15
RMS y 39
side N [adc counts]
side P [adc counts]

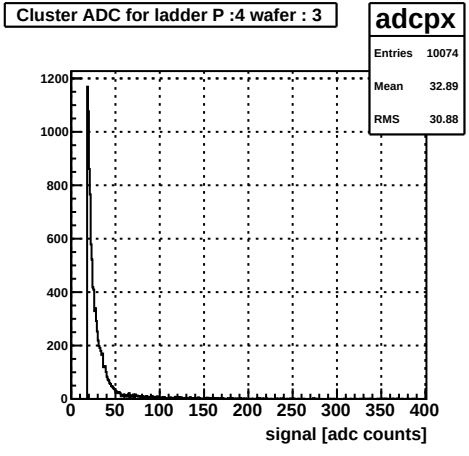

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2211
Mean 35.44
RMS 29.95
signal [adc counts]

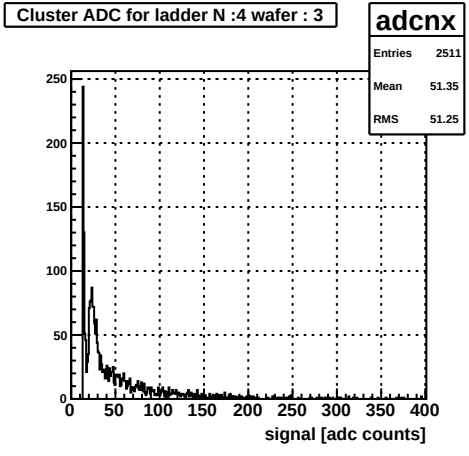

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 24887
Mean 22.98
RMS 18.28
signal [adc counts]

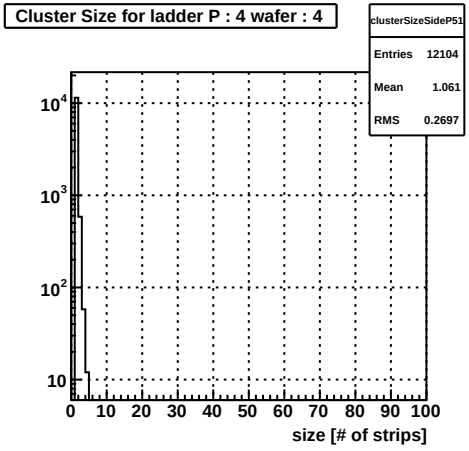

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10074
Mean 1.04
RMS 0.231
size [# of strips]

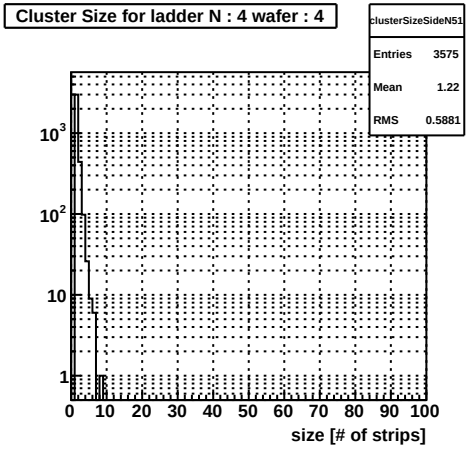

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2511
Mean 1.362
RMS 0.7402
size [# of strips]

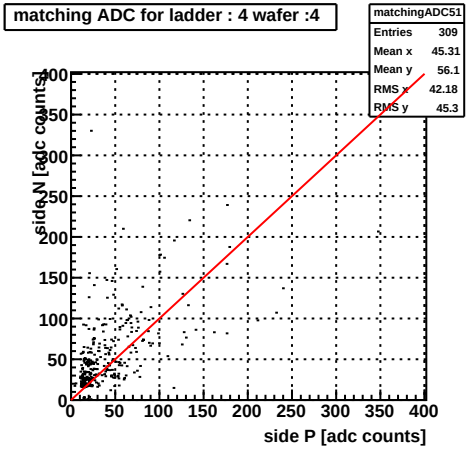

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 477
Mean x 82.46
Mean y 66.64
RMS x 59.12
RMS y 49.94
side N [adc counts]
side P [adc counts]

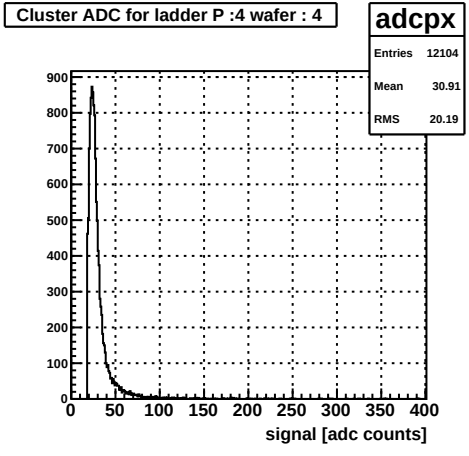

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10074
Mean 32.89
RMS 30.88
signal [adc counts]

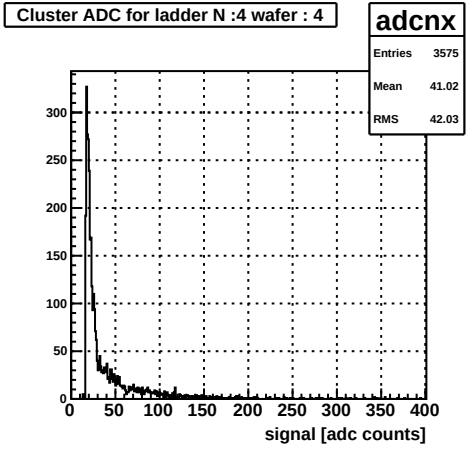

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2511
Mean 51.35
RMS 51.25
signal [adc counts]

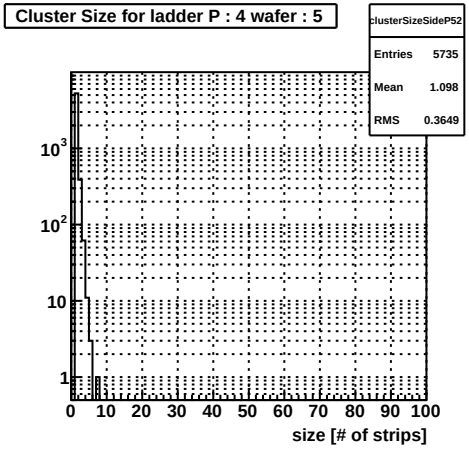

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 12104
Mean 1.061
RMS 0.2697
size [# of strips]

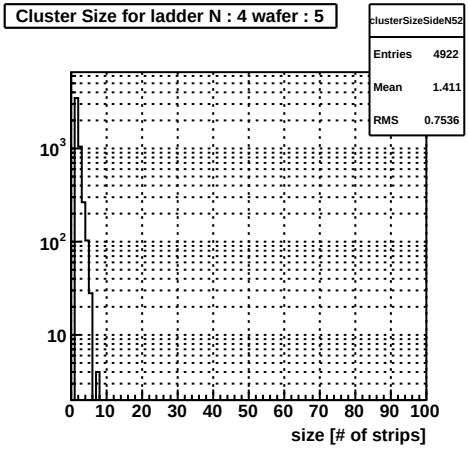

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3575
Mean 1.22
RMS 0.5881
size [# of strips]

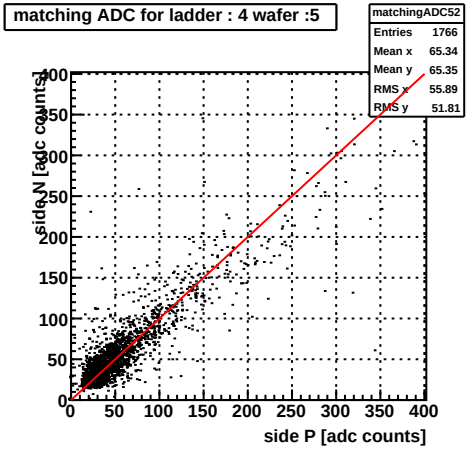

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 309
Mean x 45.31
Mean y 56.1
RMS x 42.18
RMS y 45.3
side N [adc counts]
side P [adc counts]

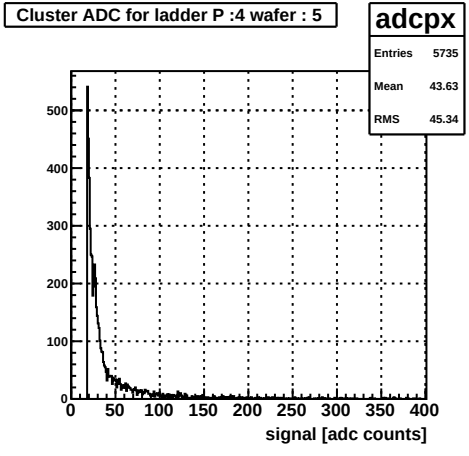

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 12104
Mean 30.91
RMS 20.19
signal [adc counts]

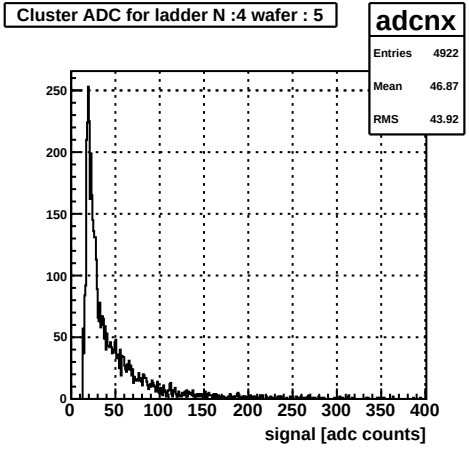

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3575
Mean 41.02
RMS 42.03
signal [adc counts]

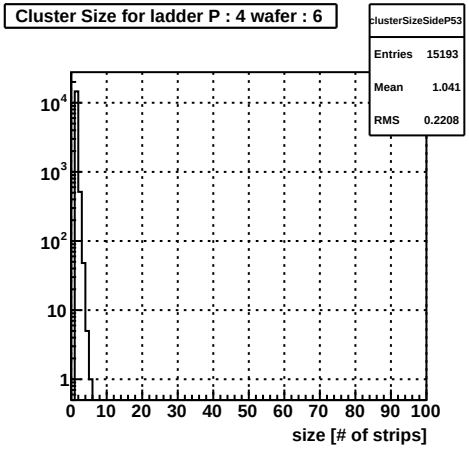

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5735
Mean 1.098
RMS 0.3649
size [# of strips]

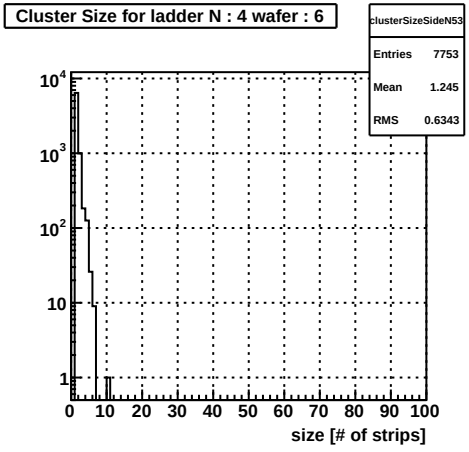

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4922
Mean 1.411
RMS 0.7536
size [# of strips]

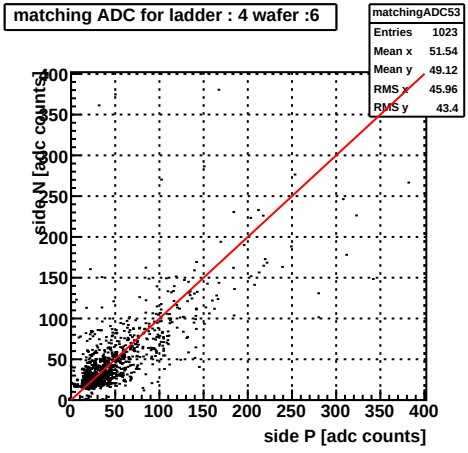

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1766
Mean x 65.34
Mean y 65.35
RMS x 55.89
RMS y 51.81
side N [adc counts]
side P [adc counts]

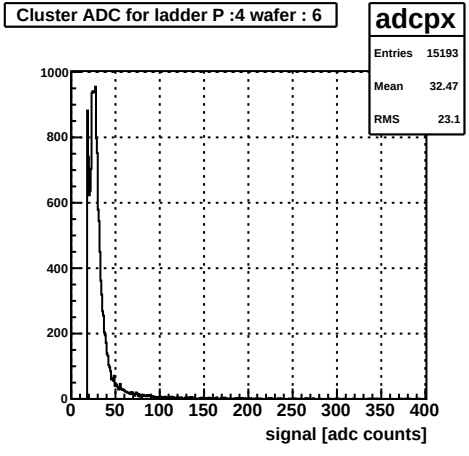

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5735
Mean 43.63
RMS 45.34
signal [adc counts]

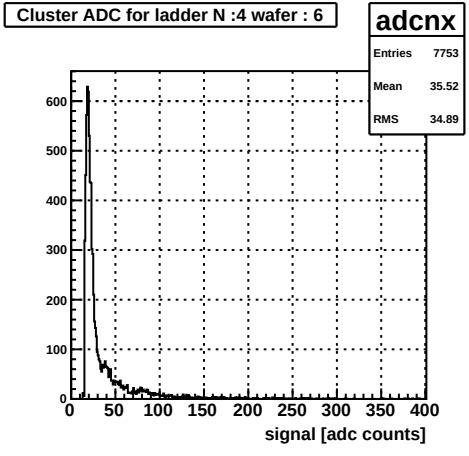

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4922
Mean 46.87
RMS 43.92
signal [adc counts]

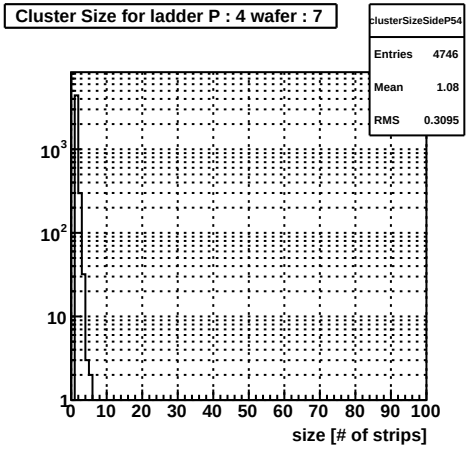

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15193
Mean 1.041
RMS 0.2208
size [# of strips]

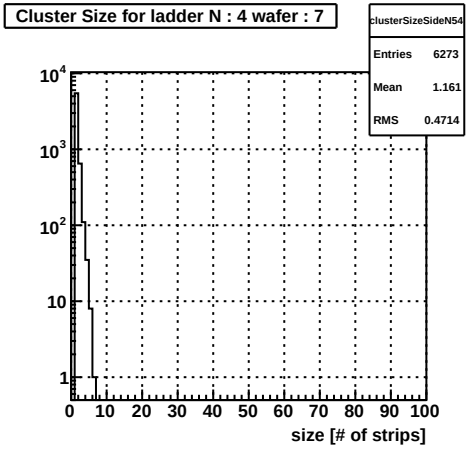

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7753
Mean 1.245
RMS 0.6343
size [# of strips]

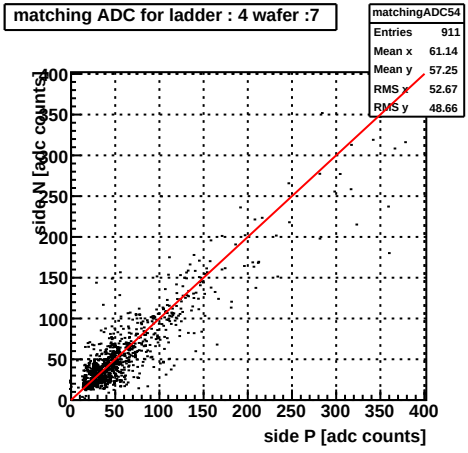

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1023
Mean x 51.54
Mean y 49.12
RMS x 45.96
RMS y 43.4
side N [adc counts]
side P [adc counts]

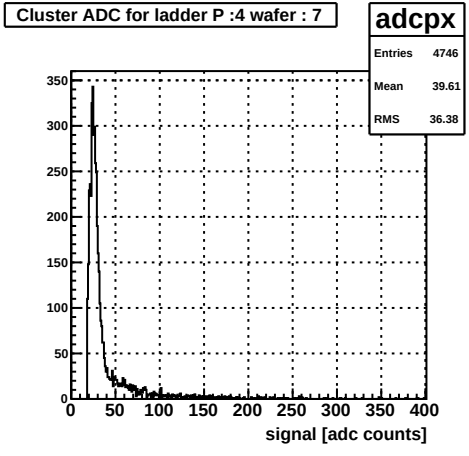

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15193
Mean 32.47
RMS 23.1
signal [adc counts]

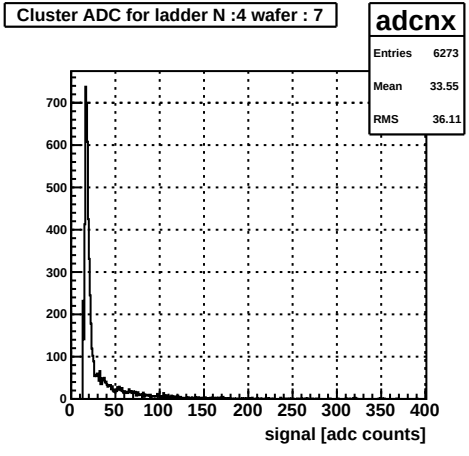

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7753
Mean 35.52
RMS 34.89
signal [adc counts]

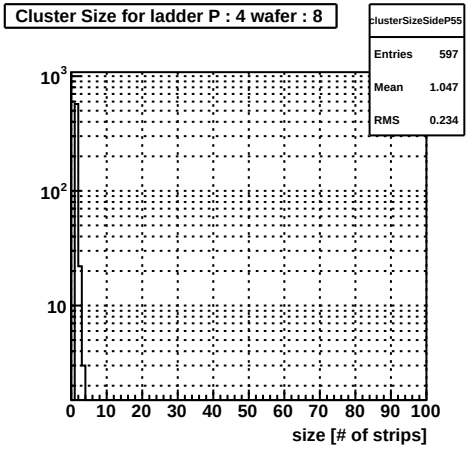

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4746
Mean 1.08
RMS 0.3095
size [# of strips]

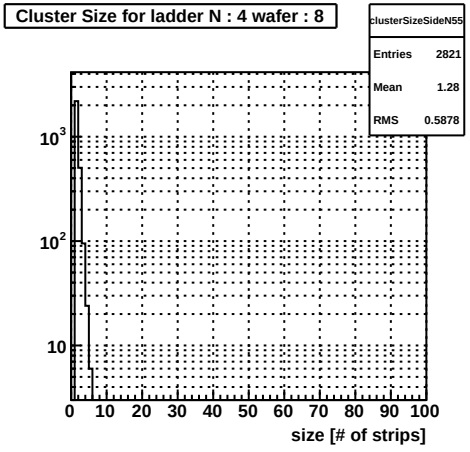

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6273
Mean 1.161
RMS 0.4714
size [# of strips]

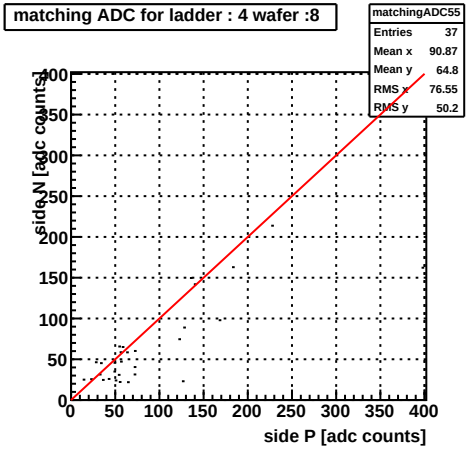

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 911
Mean x 61.14
Mean y 57.25
RMS x 52.67
RMS y 48.66
side N [adc counts]
side P [adc counts]

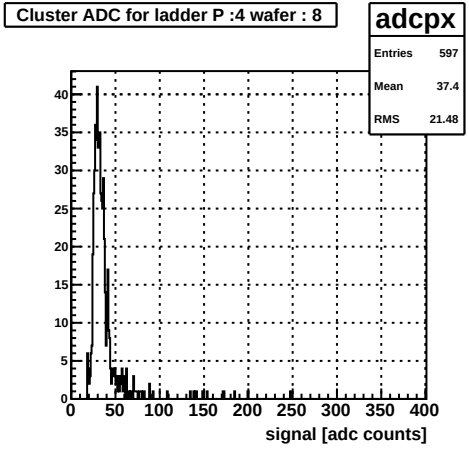

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4746
Mean 39.61
RMS 36.38
signal [adc counts]

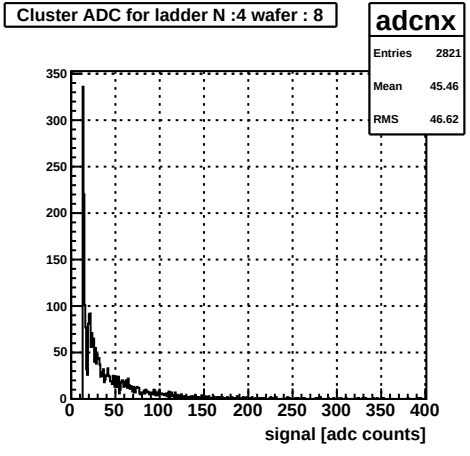

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6273
Mean 33.55
RMS 36.11
signal [adc counts]

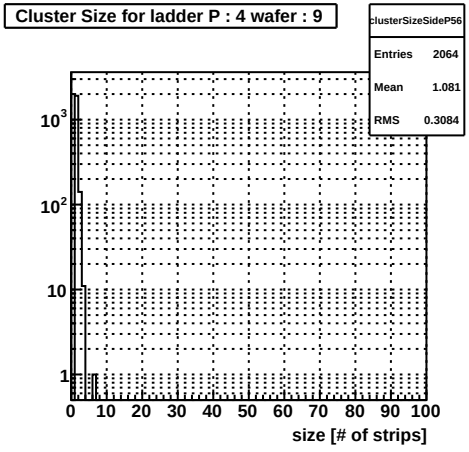

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 597
Mean 1.047
RMS 0.234
size [# of strips]

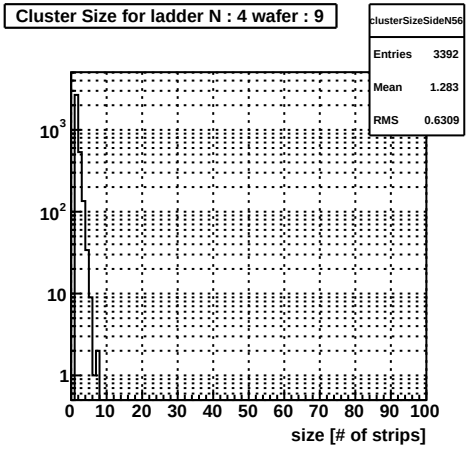

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2821
Mean 1.28
RMS 0.5878
size [# of strips]

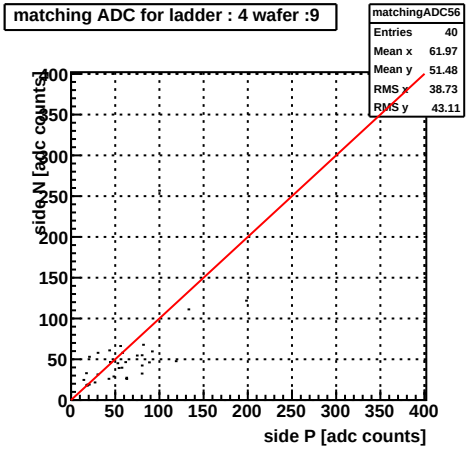

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 37
Mean x 90.87
Mean y 64.8
RMS x 76.55
RMS y 50.2
side N [adc counts]
side P [adc counts]

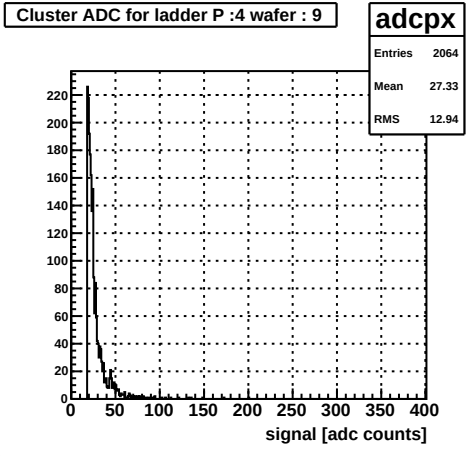

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 597
Mean 37.4
RMS 21.48
signal [adc counts]

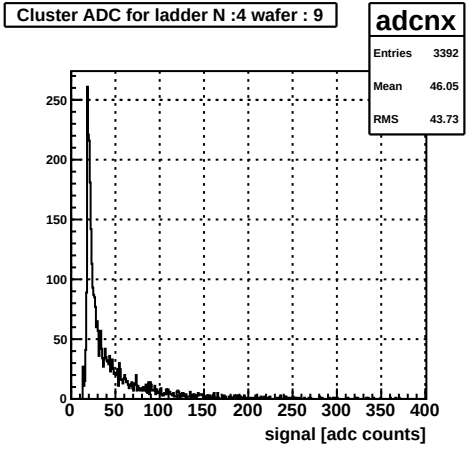

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2821
Mean 45.46
RMS 46.62
signal [adc counts]

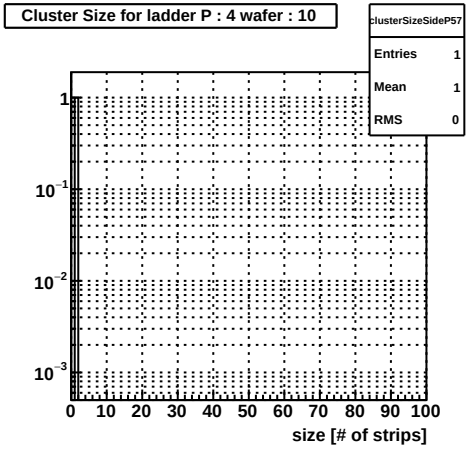

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2064
Mean 1.081
RMS 0.3084
size [# of strips]

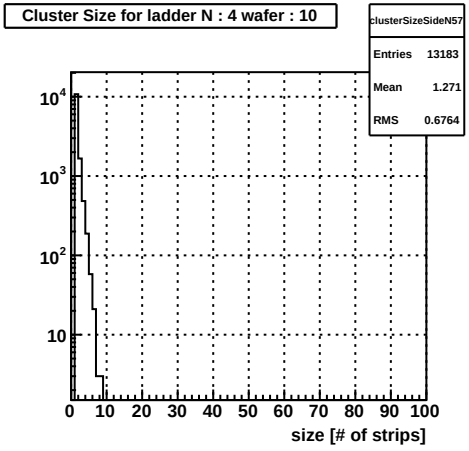

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3392
Mean 1.283
RMS 0.6309
size [# of strips]

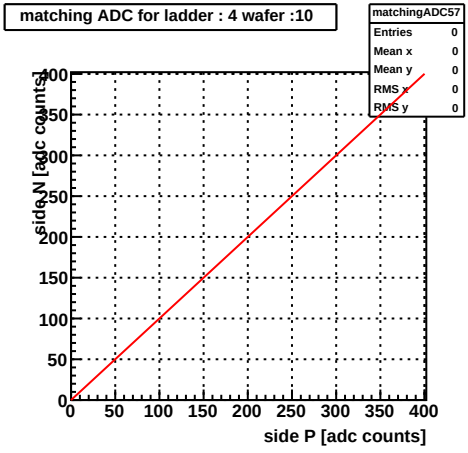

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 40
Mean x 61.97
Mean y 51.48
RMS x 38.73
RMS y 43.11
side N [adc counts]
side P [adc counts]

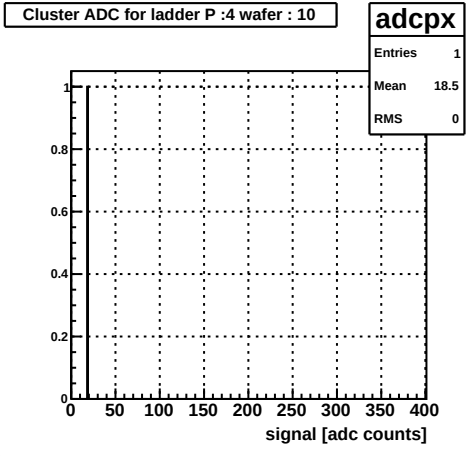

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2064
Mean 27.33
RMS 12.94
signal [adc counts]

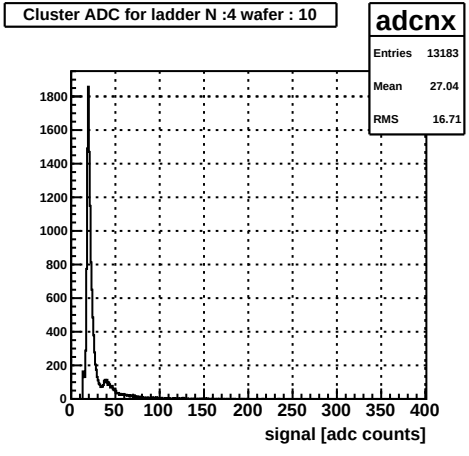

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3392
Mean 46.05
RMS 43.73
signal [adc counts]

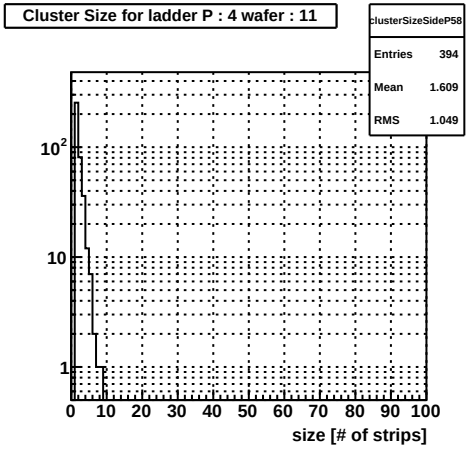

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1
Mean 1
RMS 0
size [# of strips]

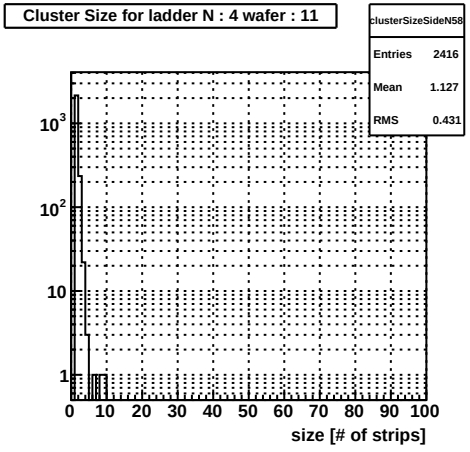

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 13183
Mean 1.271
RMS 0.6764
size [# of strips]

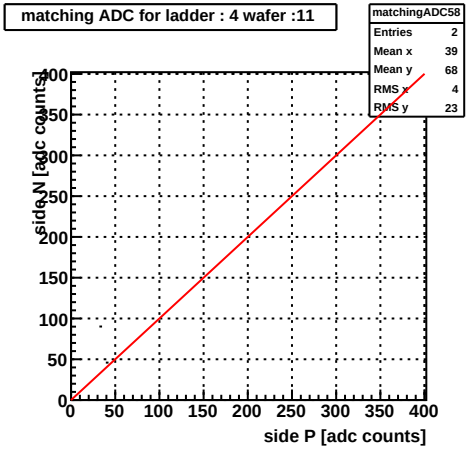

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

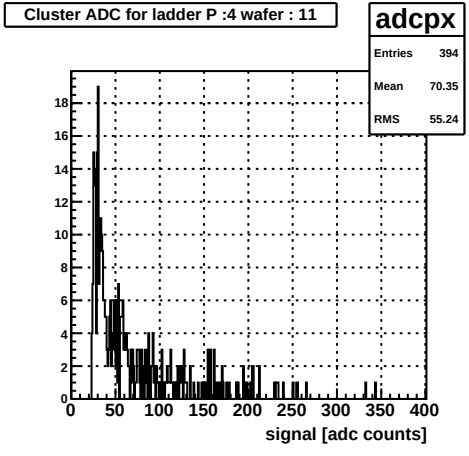

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

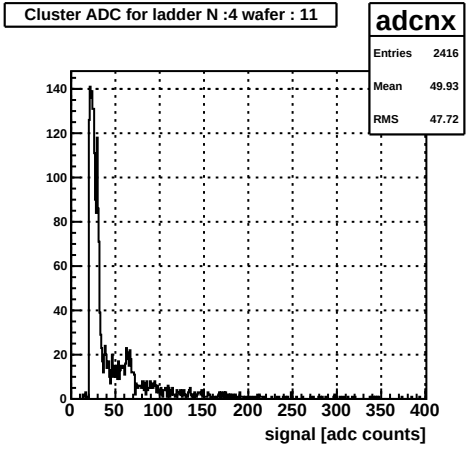

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 13183
Mean 27.04
RMS 16.71
signal [adc counts]

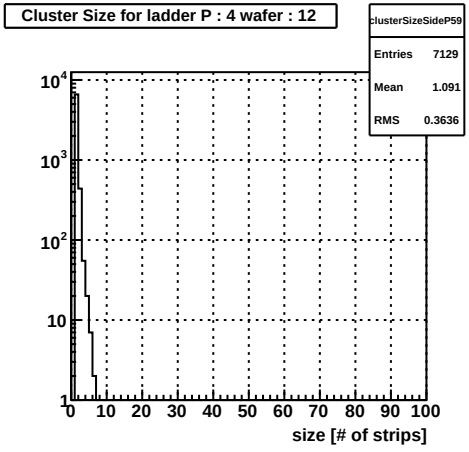

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 394
Mean 1.609
RMS 1.049
size [# of strips]

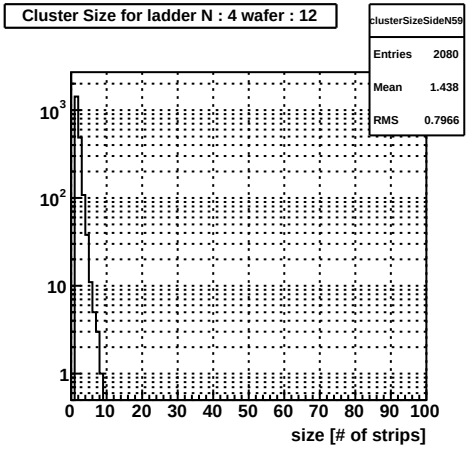

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2416
Mean 1.127
RMS 0.431
size [# of strips]

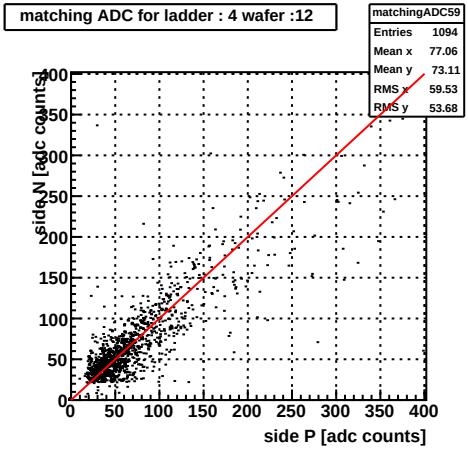

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 39
Mean y 68
RMS x 4
RMS y 23
side N [adc counts]
side P [adc counts]

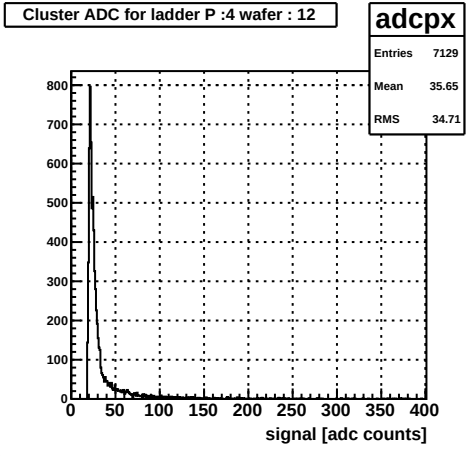

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 394
Mean 70.35
RMS 55.24
signal [adc counts]

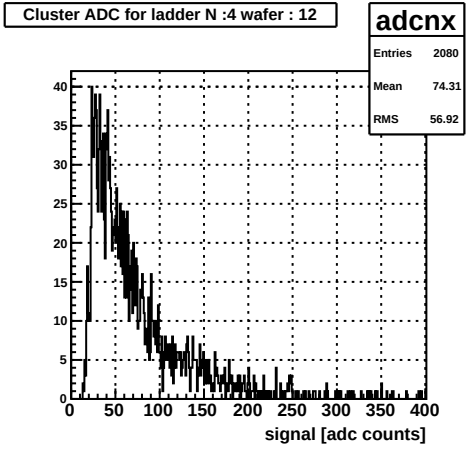

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2416
Mean 49.93
RMS 47.72
signal [adc counts]

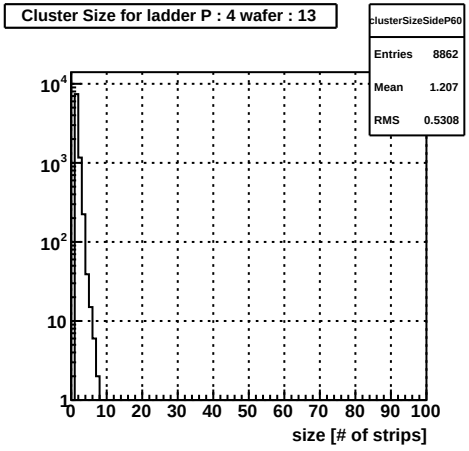

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7129
Mean 1.091
RMS 0.3636
size [# of strips]

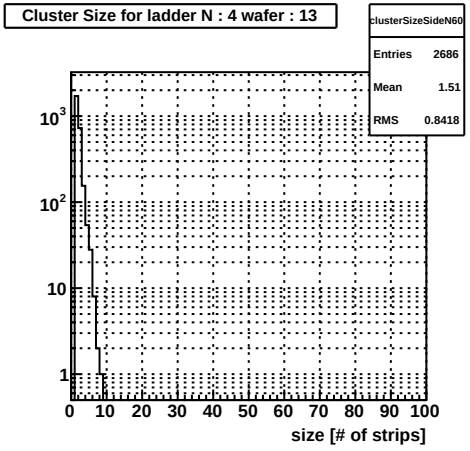

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2080
Mean 1.438
RMS 0.7966
size [# of strips]

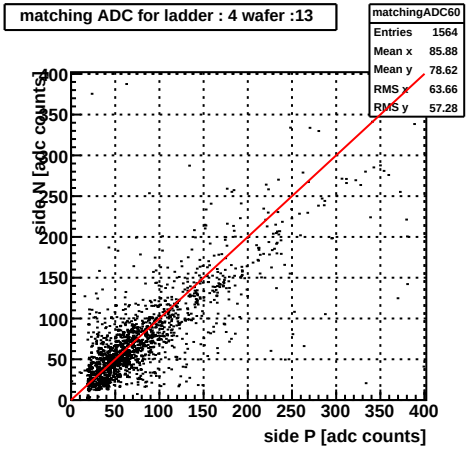

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1094
Mean x 77.06
Mean y 73.11
RMS x 59.53
RMS y 53.68
side N [adc counts]
side P [adc counts]

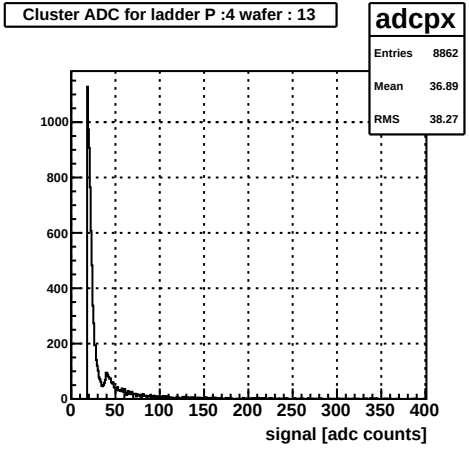

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7129
Mean 35.65
RMS 34.71
signal [adc counts]

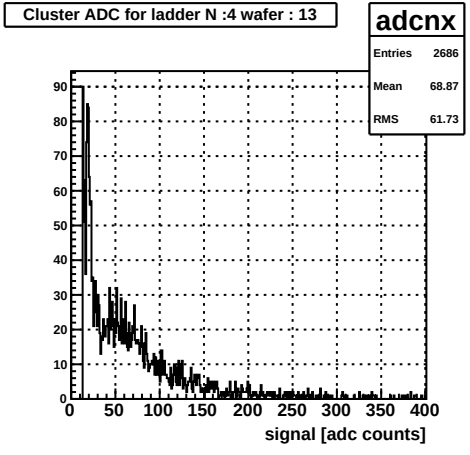

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2080
Mean 74.31
RMS 56.92
signal [adc counts]

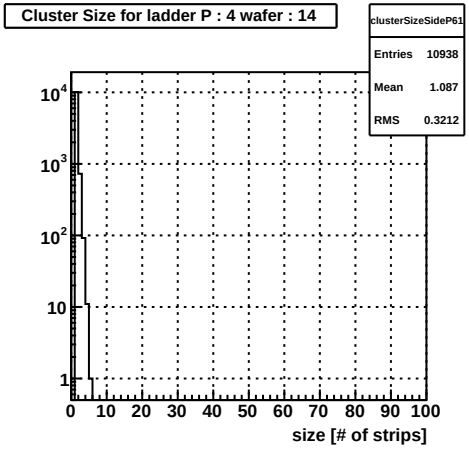

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8862
Mean 1.207
RMS 0.5308
size [# of strips]

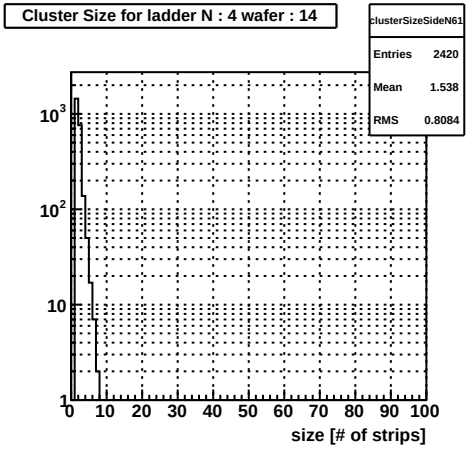

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2686
Mean 1.51
RMS 0.8418
size [# of strips]

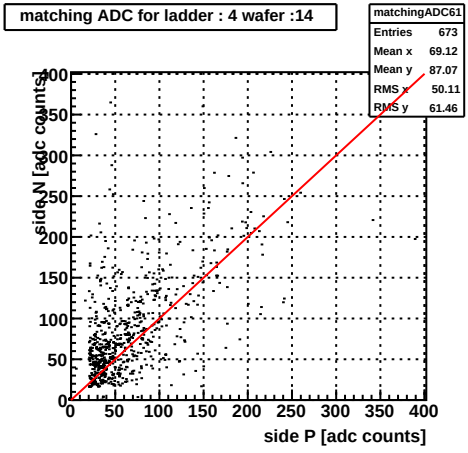

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1564
Mean x 85.88
Mean y 78.62
RMS x 63.66
RMS y 57.28
side N [adc counts]
side P [adc counts]

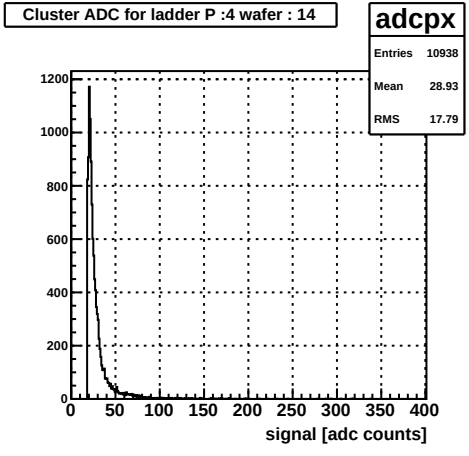

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8862
Mean 36.89
RMS 38.27
signal [adc counts]

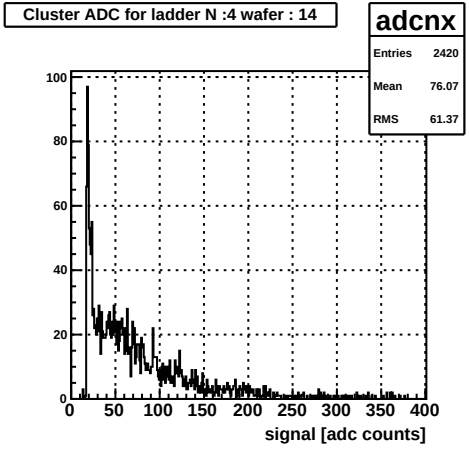

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2686
Mean 68.87
RMS 61.73
signal [adc counts]

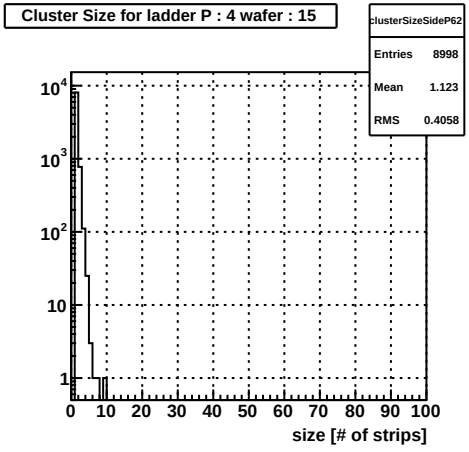

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10938
Mean 1.087
RMS 0.3212
size [# of strips]

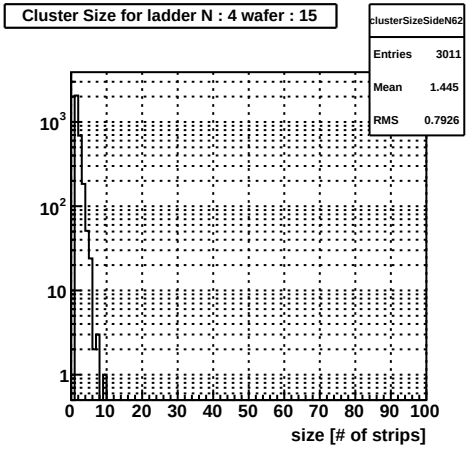

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2420
Mean 1.538
RMS 0.8084
size [# of strips]

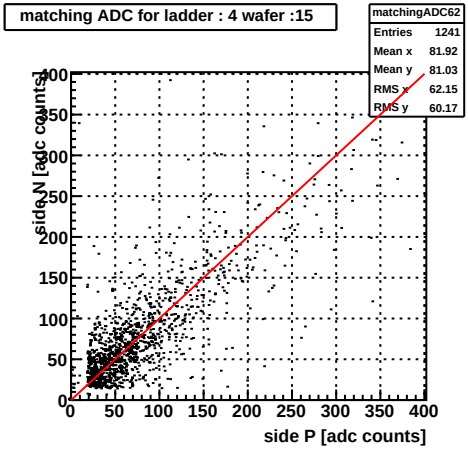

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 673
Mean x 69.12
Mean y 87.07
RMS x 50.11
RMS y 61.46
side N [adc counts]
side P [adc counts]

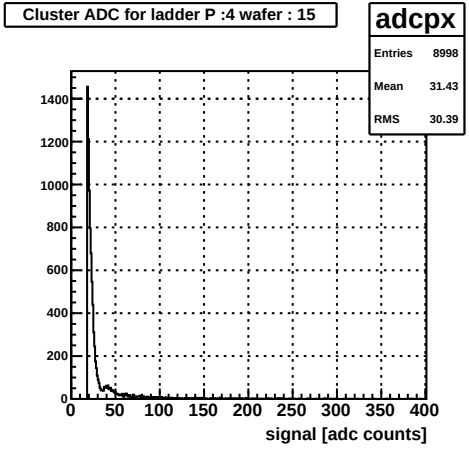

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10938
Mean 28.93
RMS 17.79
signal [adc counts]

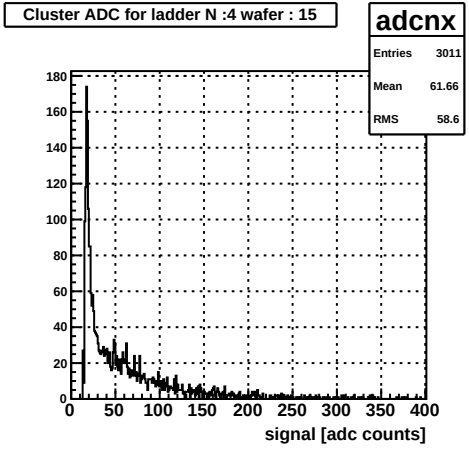

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2420
Mean 76.07
RMS 61.37
signal [adc counts]

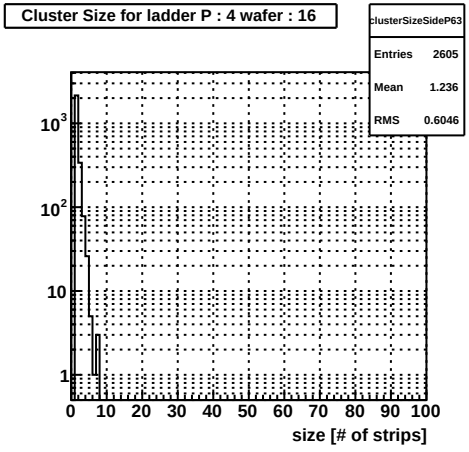

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8998
Mean 1.123
RMS 0.4058
size [# of strips]

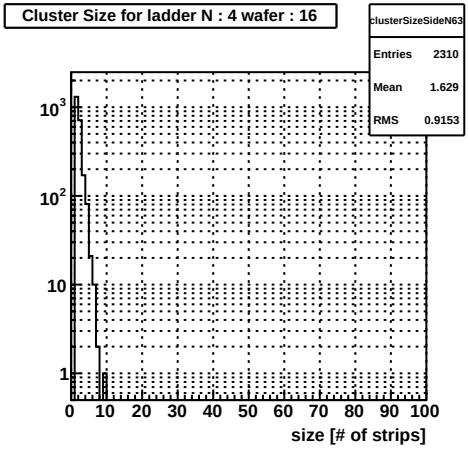

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3011
Mean 1.445
RMS 0.7926
size [# of strips]

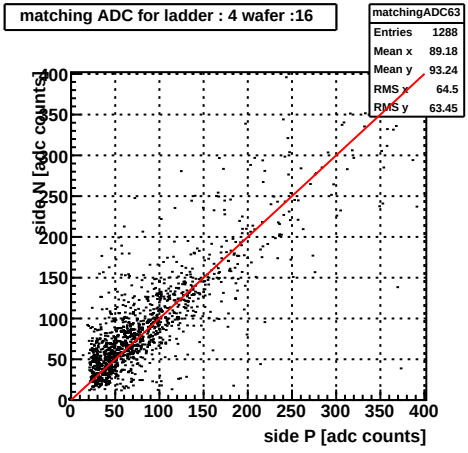

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1241
Mean x 81.92
Mean y 81.03
RMS x 62.15
RMS y 60.17
side N [adc counts]
side P [adc counts]

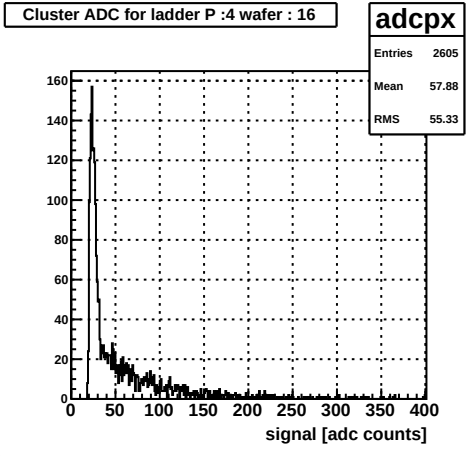

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8998
Mean 31.43
RMS 30.39
signal [adc counts]

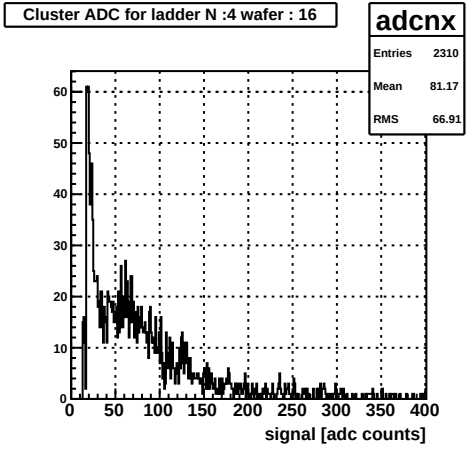

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3011
Mean 61.66
RMS 58.6
signal [adc counts]

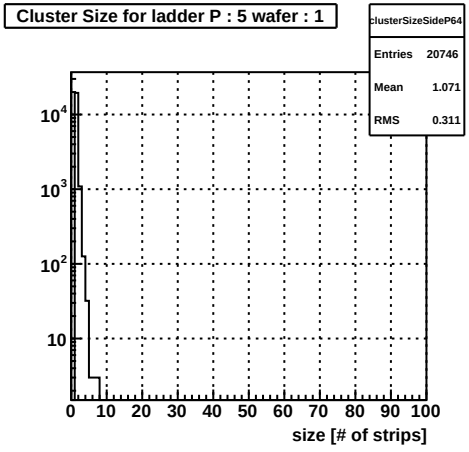

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2605
Mean 1.236
RMS 0.6046
size [# of strips]

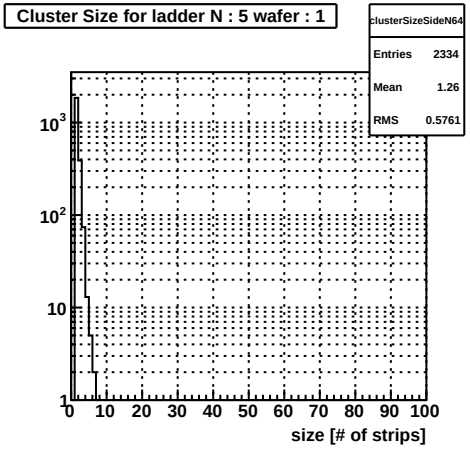

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2310
Mean 1.629
RMS 0.9153
size [# of strips]

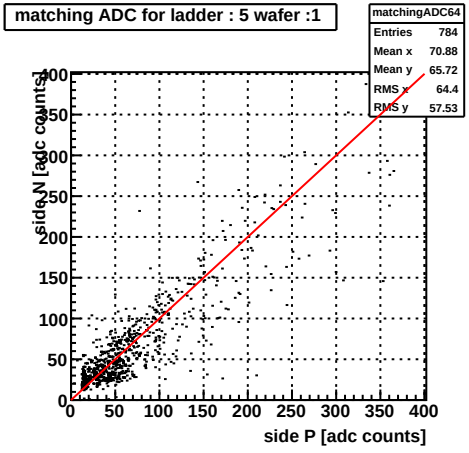

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1288
Mean x 89.18
Mean y 93.24
RMS x 64.5
RMS y 63.45
side N [adc counts]
side P [adc counts]

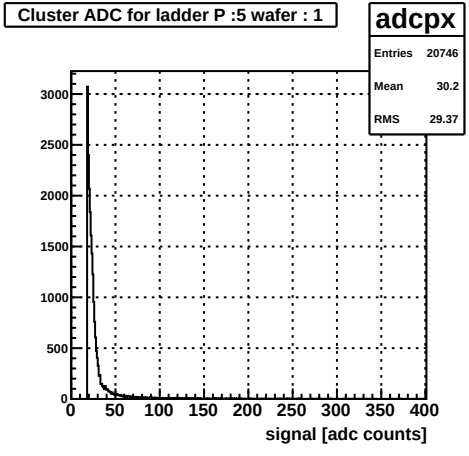

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2605
Mean 57.88
RMS 55.33
signal [adc counts]

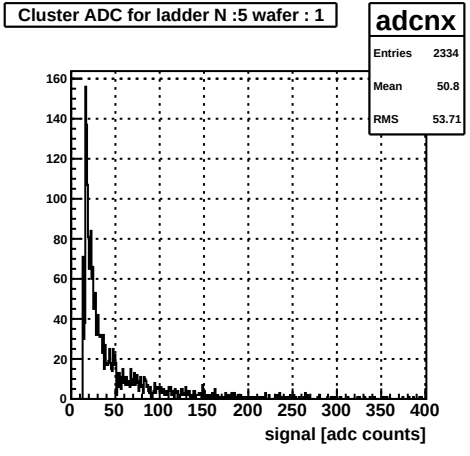

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2310
Mean 81.17
RMS 66.91
signal [adc counts]

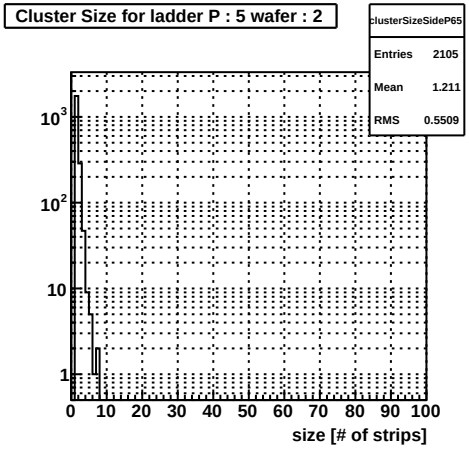

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20746
Mean 1.071
RMS 0.311
size [# of strips]

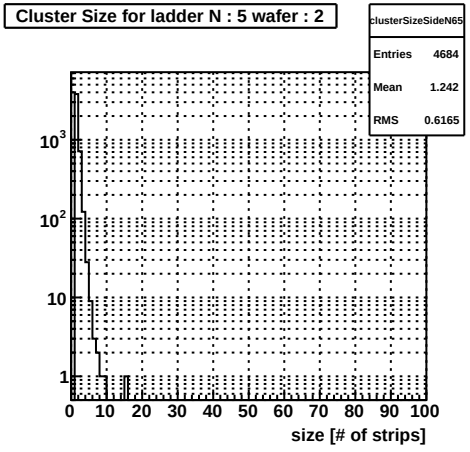

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2334
Mean 1.26
RMS 0.5761
size [# of strips]

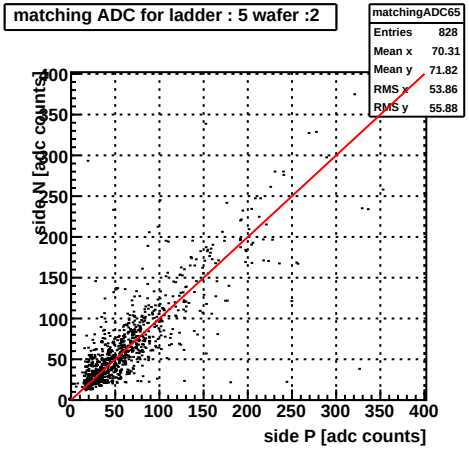

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 784
Mean x 70.88
Mean y 65.72
RMS x 64.4
RMS y 57.53
side N [adc counts]
side P [adc counts]

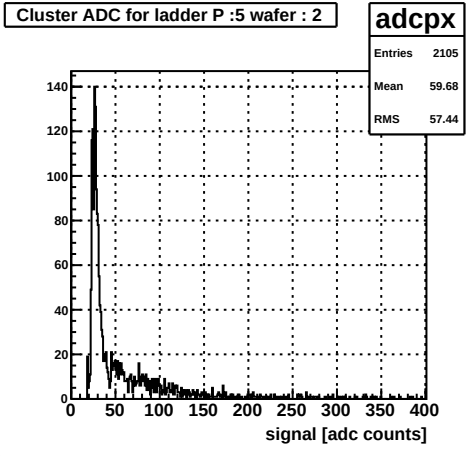

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20746
Mean 30.2
RMS 29.37
signal [adc counts]

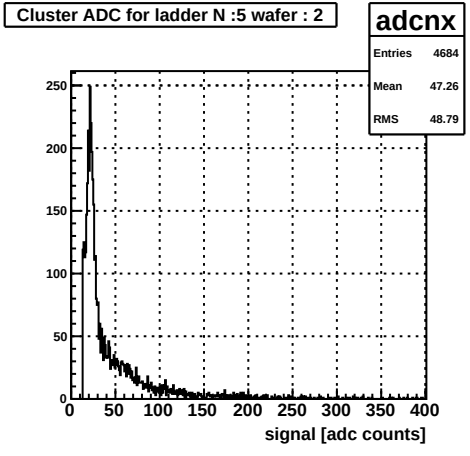

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2334
Mean 50.8
RMS 53.71
signal [adc counts]

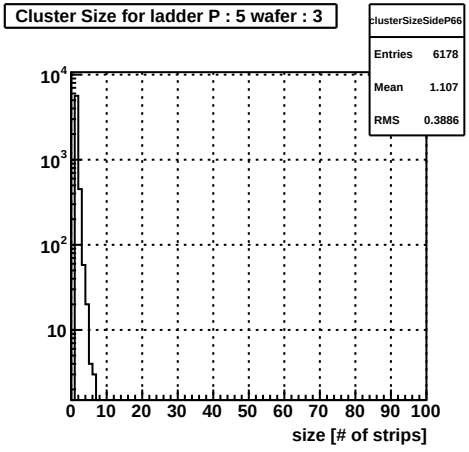

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2105
Mean 1.211
RMS 0.5509
size [# of strips]

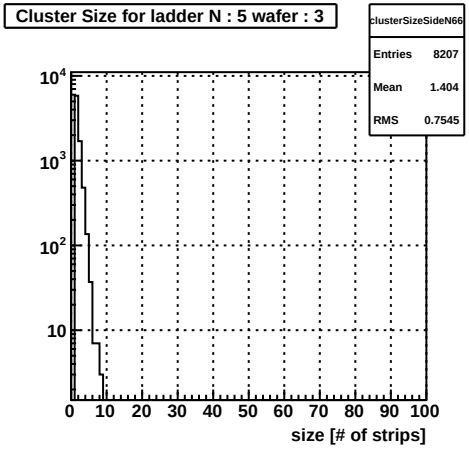

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4684
Mean 1.242
RMS 0.6165
size [# of strips]

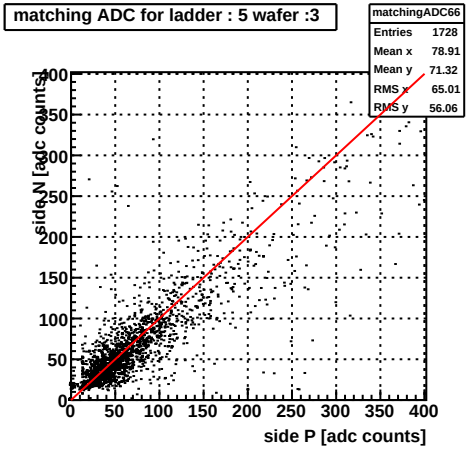

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 828
Mean x 70.31
Mean y 71.82
RMS x 53.86
RMS y 55.88
side N [adc counts]
side P [adc counts]

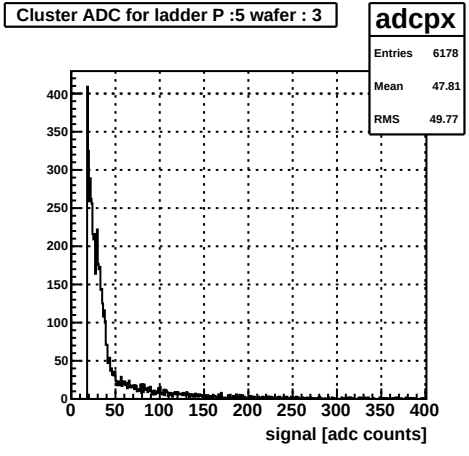

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2105
Mean 59.68
RMS 57.44
signal [adc counts]

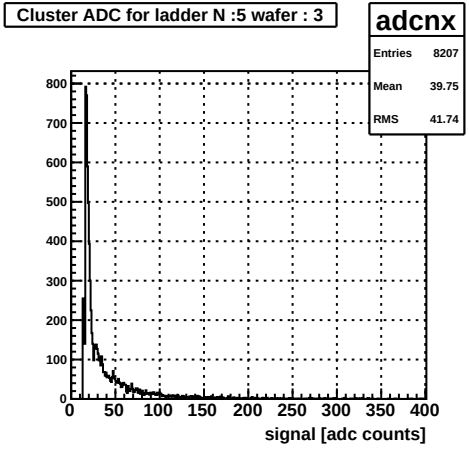

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4684
Mean 47.26
RMS 48.79
signal [adc counts]

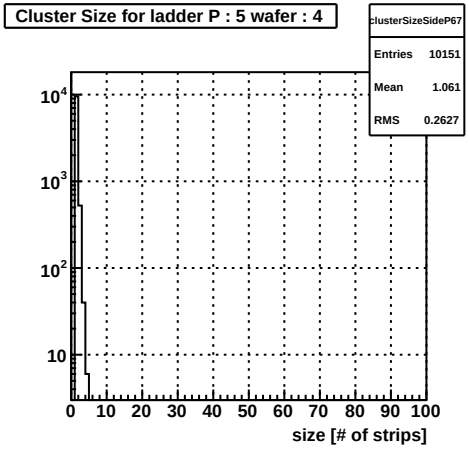

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6178
Mean 1.107
RMS 0.3886
size [# of strips]

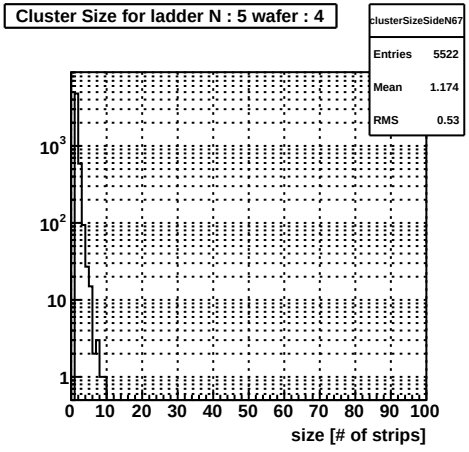

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8207
Mean 1.404
RMS 0.7545
size [# of strips]

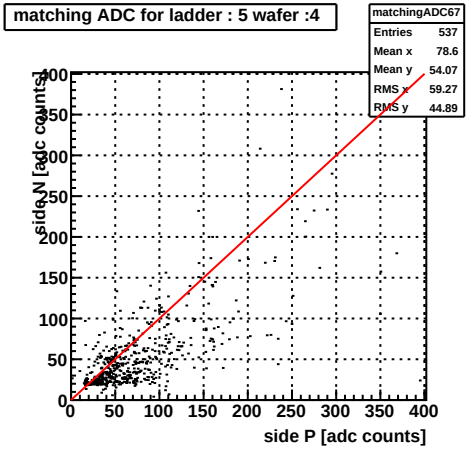

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1728
Mean x 78.91
Mean y 71.32
RMS x 65.01
RMS y 56.06
side N [adc counts]
side P [adc counts]

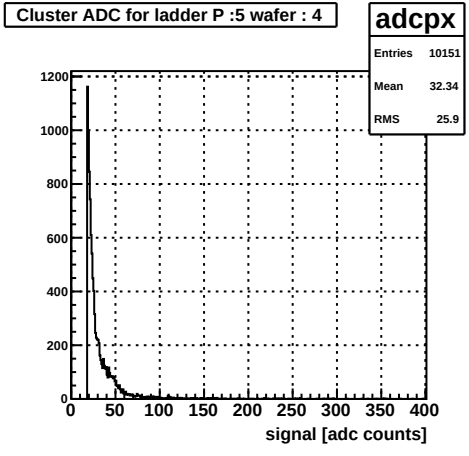

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6178
Mean 47.81
RMS 49.77
signal [adc counts]

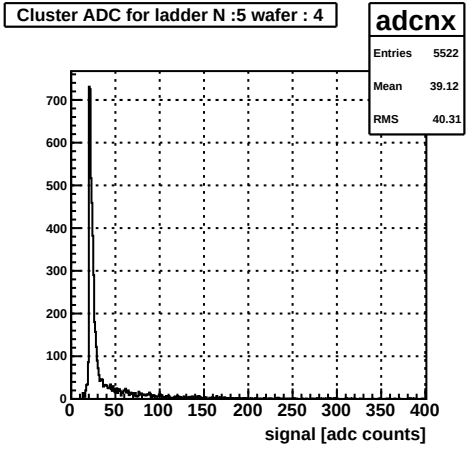

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8207
Mean 39.75
RMS 41.74
signal [adc counts]

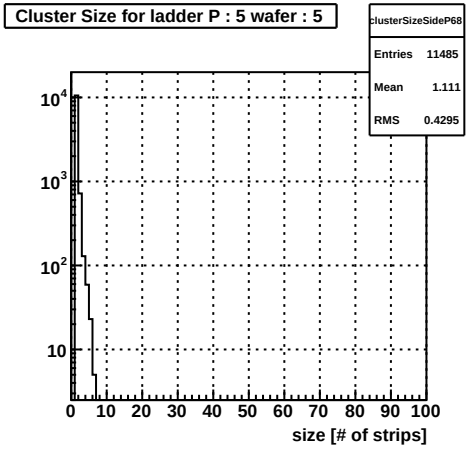

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10151
Mean 1.061
RMS 0.2627
size [# of strips]

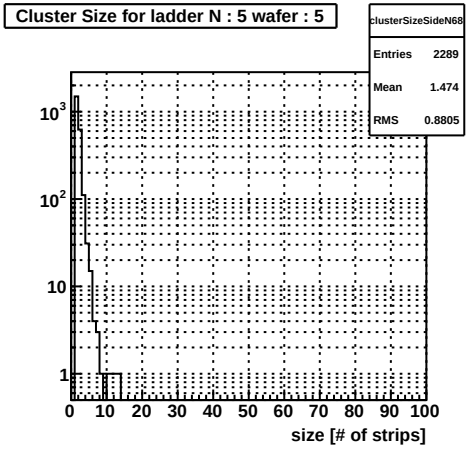

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5522
Mean 1.174
RMS 0.53
size [# of strips]

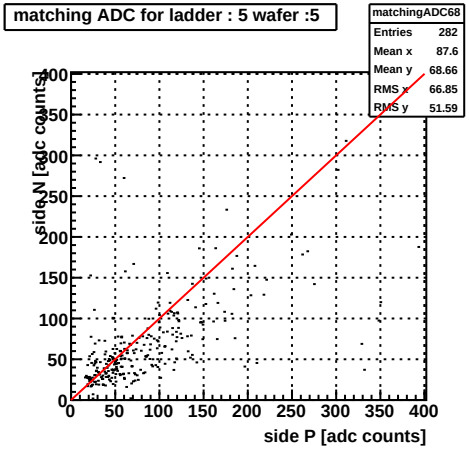

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 537
Mean x 78.6
Mean y 54.07
RMS x 59.27
RMS y 44.89
side N [adc counts]
side P [adc counts]

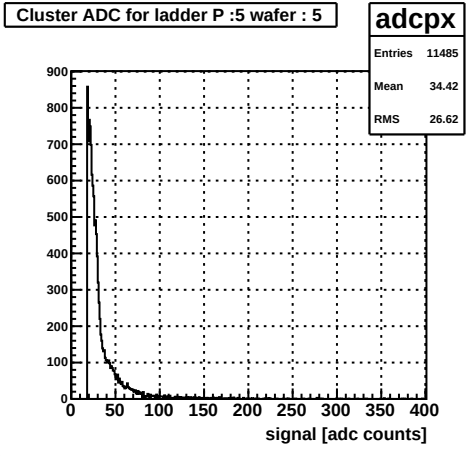

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10151
Mean 32.34
RMS 25.9
signal [adc counts]

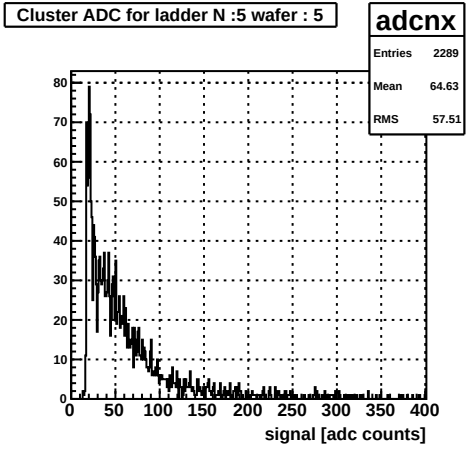

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5522
Mean 39.12
RMS 40.31
signal [adc counts]

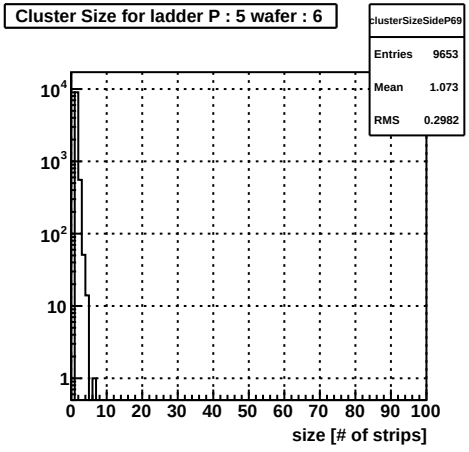

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11485
Mean 1.111
RMS 0.4295
size [# of strips]

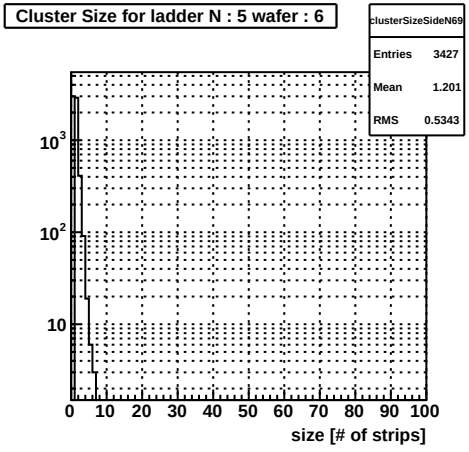

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2289
Mean 1.474
RMS 0.8805
size [# of strips]

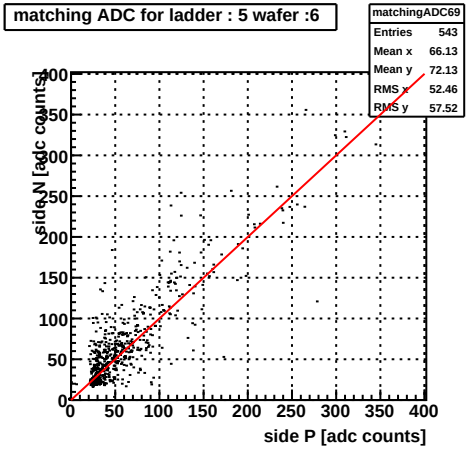

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 282
Mean x 87.6
Mean y 68.66
RMS x 66.85
RMS y 51.59
side N [adc counts]
side P [adc counts]

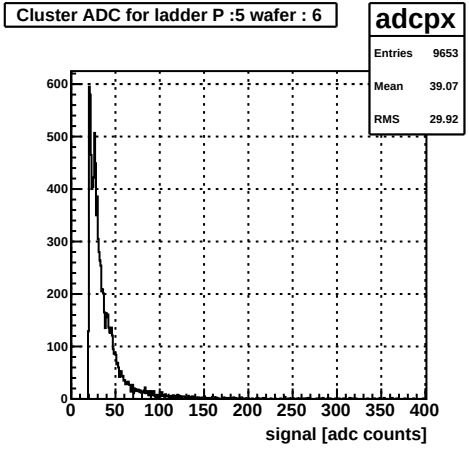

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11485
Mean 34.42
RMS 26.62
signal [adc counts]

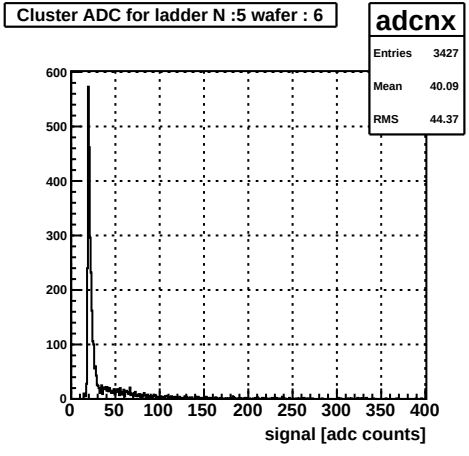

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2289
Mean 64.63
RMS 57.51
signal [adc counts]

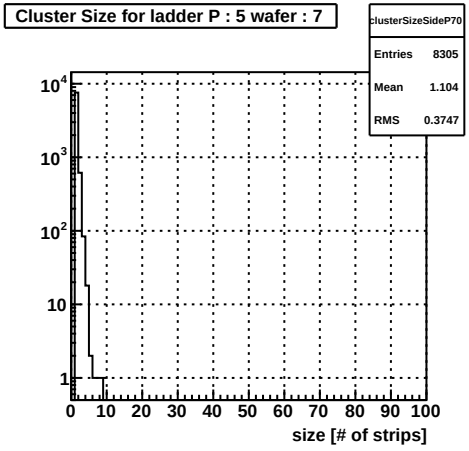

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9653
Mean 1.073
RMS 0.2982
size [# of strips]

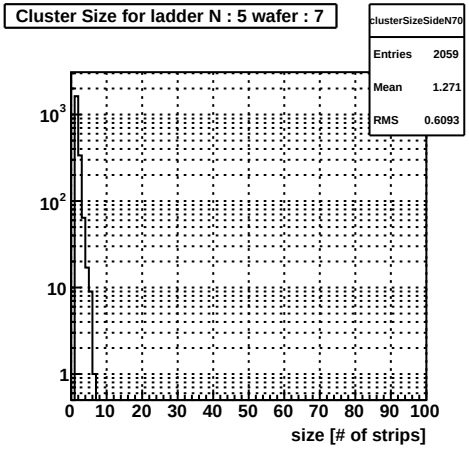

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3427
Mean 1.201
RMS 0.5343
size [# of strips]

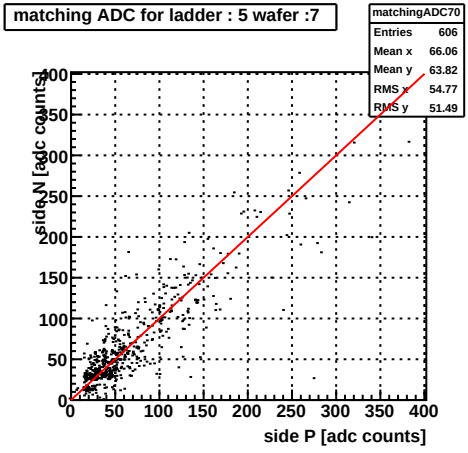

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 543
Mean x 66.13
Mean y 72.13
RMS x 52.46
RMS y 57.52
side N [adc counts]
side P [adc counts]

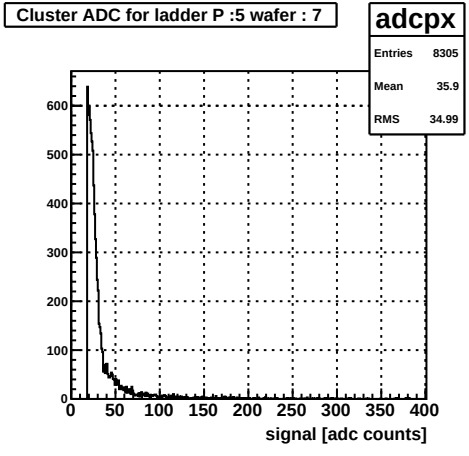

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9653
Mean 39.07
RMS 29.92
signal [adc counts]

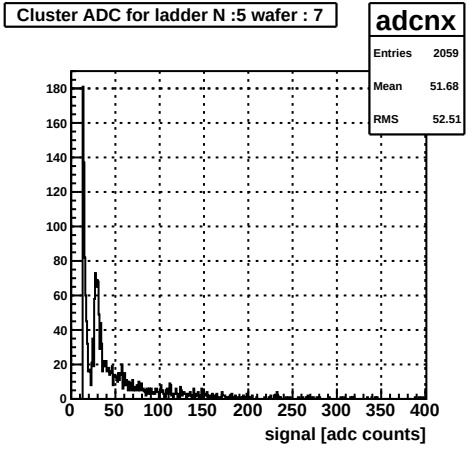

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3427
Mean 40.09
RMS 44.37
signal [adc counts]

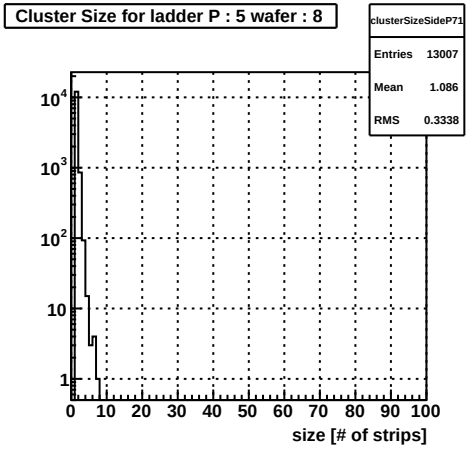

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8305
Mean 1.104
RMS 0.3747
size [# of strips]

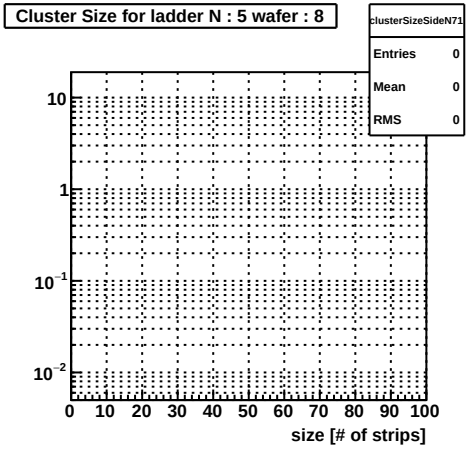

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2059
Mean 1.271
RMS 0.6093
size [# of strips]

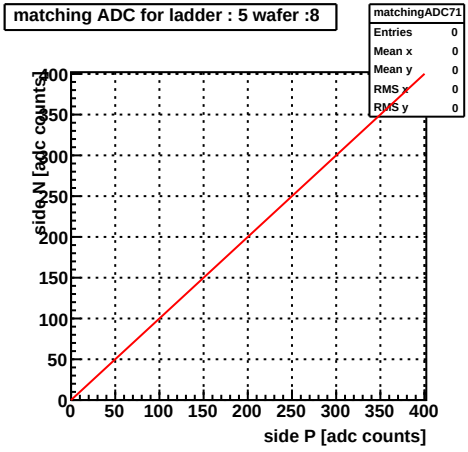

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 606
Mean x 66.06
Mean y 63.82
RMS x 54.77
RMS y 51.49
side N [adc counts]
side P [adc counts]

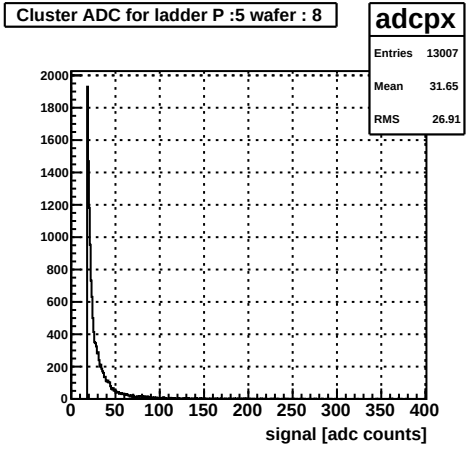

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8305
Mean 35.9
RMS 34.99
signal [adc counts]

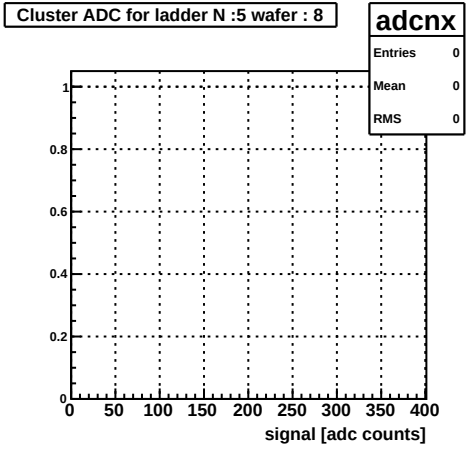

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2059
Mean 51.68
RMS 52.51
signal [adc counts]

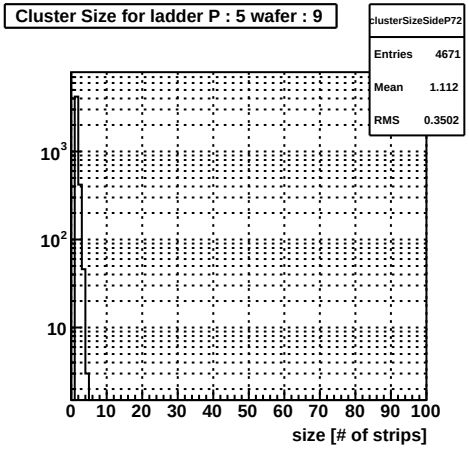

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13007
Mean 1.086
RMS 0.3338
size [# of strips]

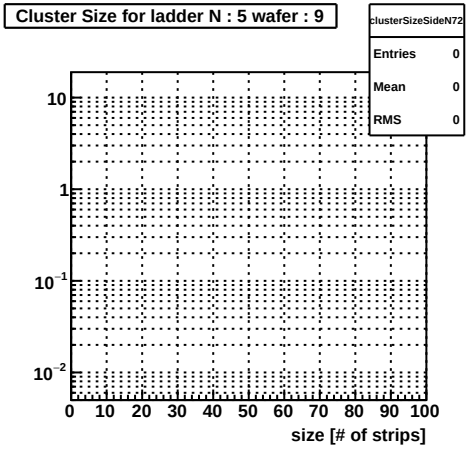

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

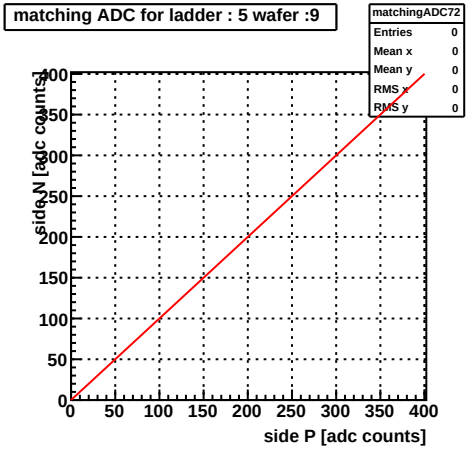

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

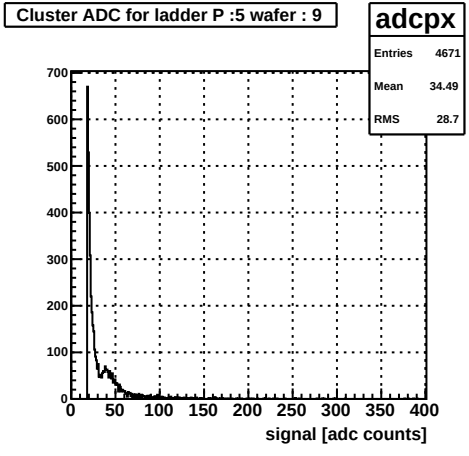

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13007
Mean 31.65
RMS 26.91
signal [adc counts]

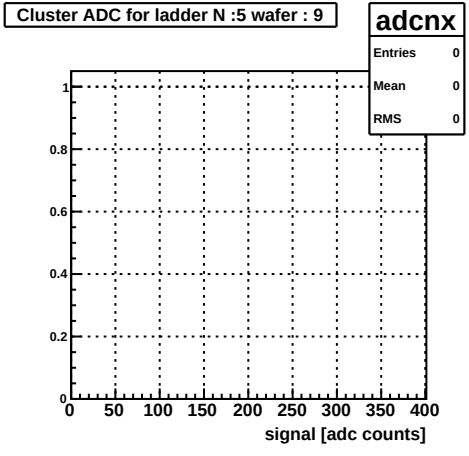

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

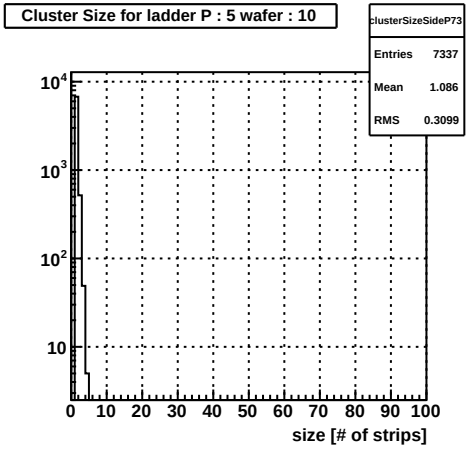

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4671
Mean 1.112
RMS 0.3502
size [# of strips]

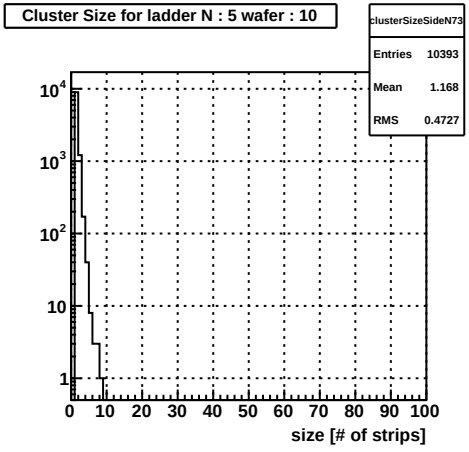

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

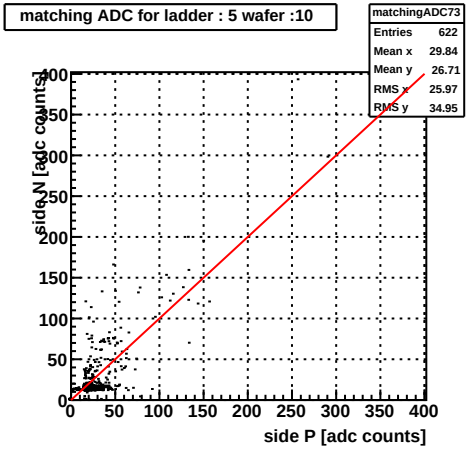

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

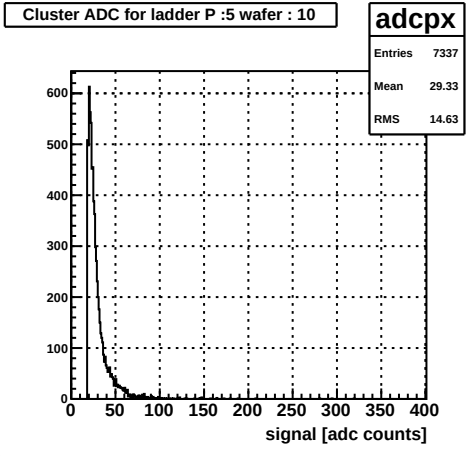

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4671
Mean 34.49
RMS 28.7
signal [adc counts]

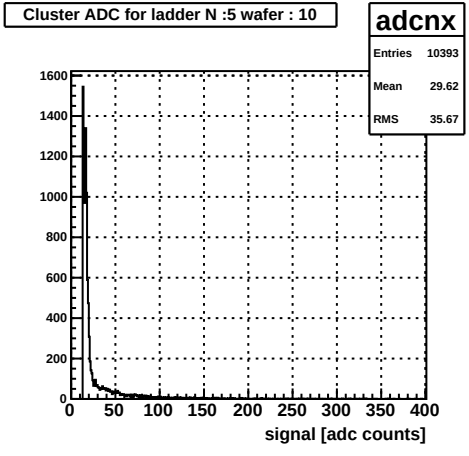

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

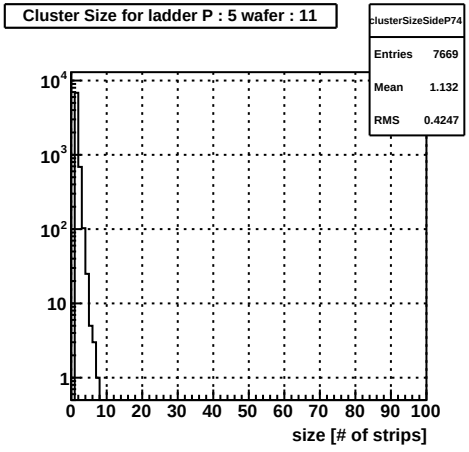

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 7337
Mean 1.086
RMS 0.3099
size [# of strips]

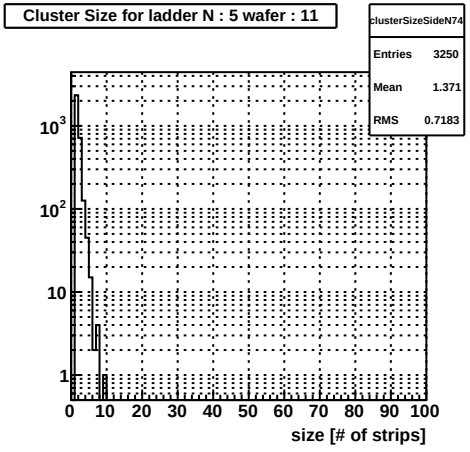

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10393
Mean 1.168
RMS 0.4727
size [# of strips]

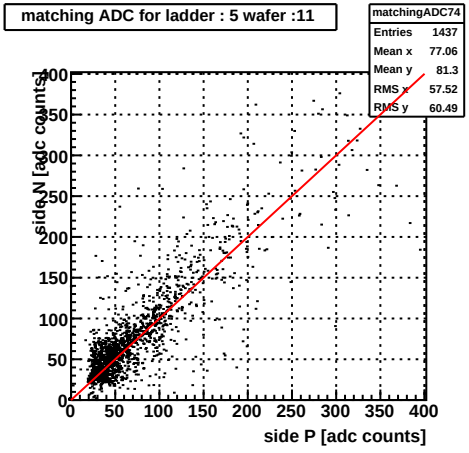

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 622
Mean x 29.84
Mean y 26.71
RMS x 25.97
RMS y 34.95
side N [adc counts]
side P [adc counts]

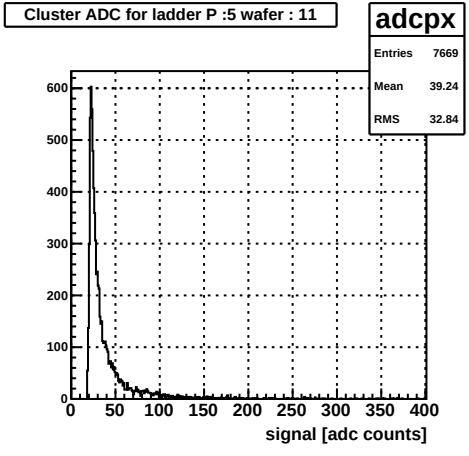

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 7337
Mean 29.33
RMS 14.63
signal [adc counts]

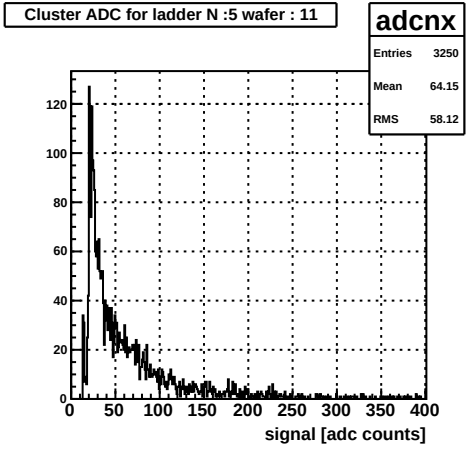

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10393
Mean 29.62
RMS 35.67
signal [adc counts]

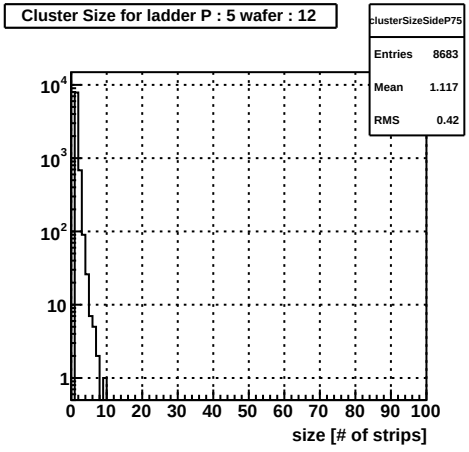

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 7669
Mean 1.132
RMS 0.4247
size [# of strips]

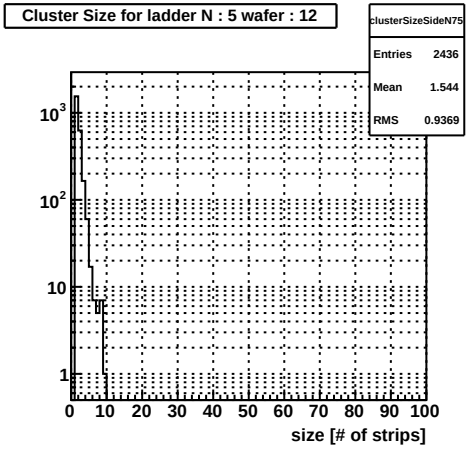

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3250
Mean 1.371
RMS 0.7183
size [# of strips]

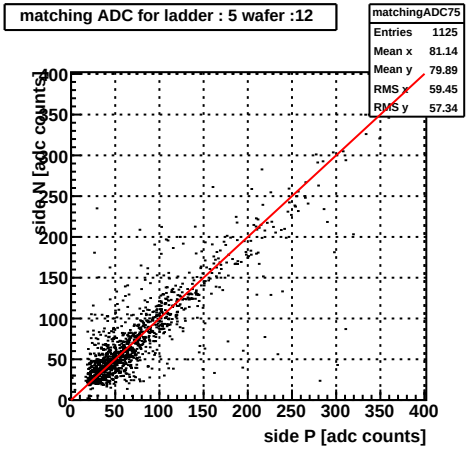

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1437
Mean x 77.06
Mean y 81.3
RMS x 57.52
RMS y 60.49
side N [adc counts]
side P [adc counts]

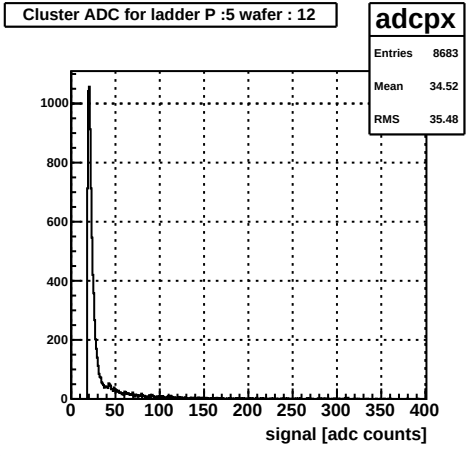

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 7669
Mean 39.24
RMS 32.84
signal [adc counts]

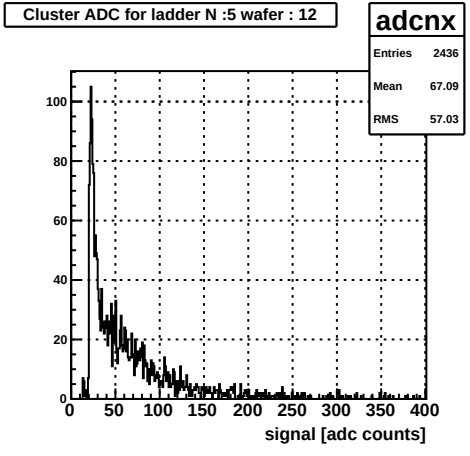

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3250
Mean 64.15
RMS 58.12
signal [adc counts]

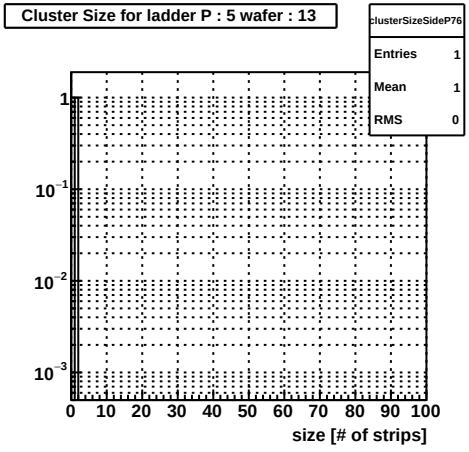

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8683
Mean 1.117
RMS 0.42
size [# of strips]

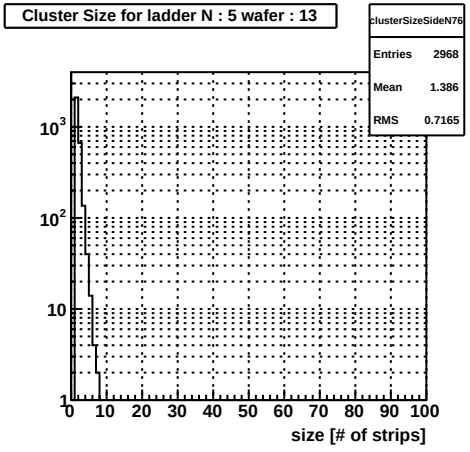

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2436
Mean 1.544
RMS 0.9369
size [# of strips]

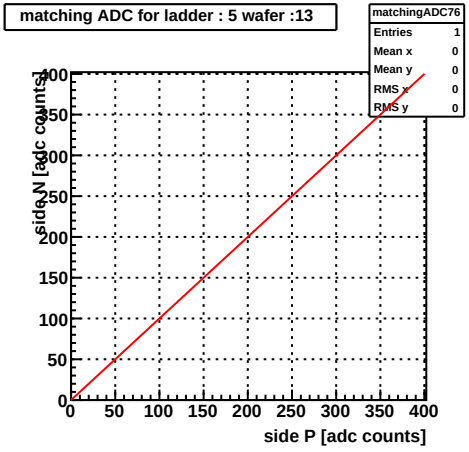

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1125
Mean x 81.14
Mean y 79.89
RMS x 59.45
RMS y 57.34
side N [adc counts]
side P [adc counts]

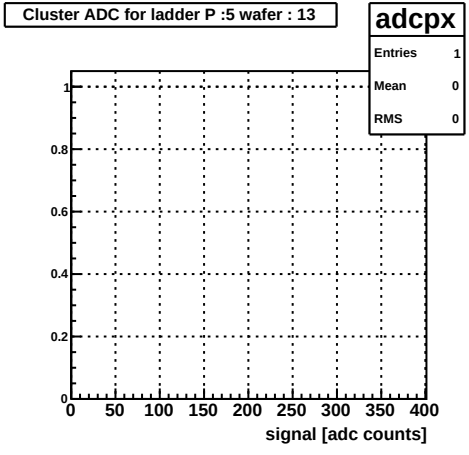

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8683
Mean 34.52
RMS 35.48
signal [adc counts]

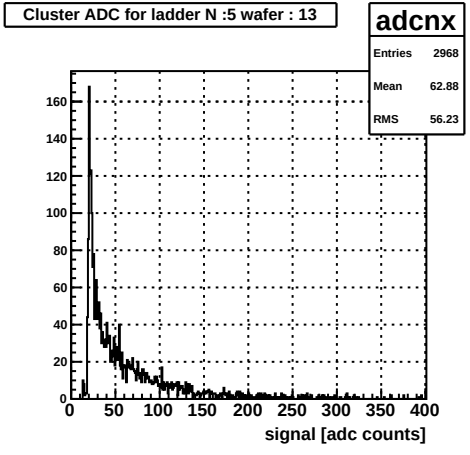

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2436
Mean 67.09
RMS 57.03
signal [adc counts]

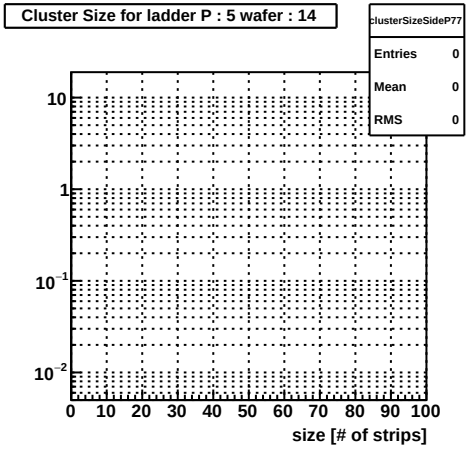

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

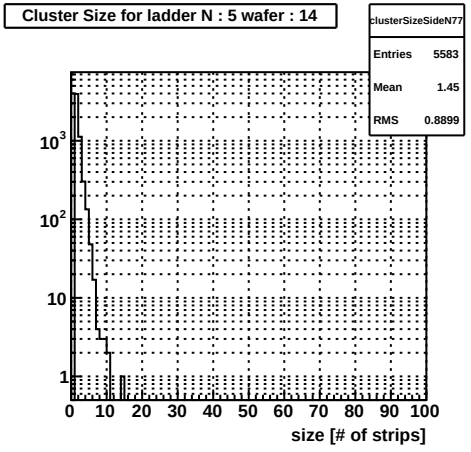

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2968
Mean 1.386
RMS 0.7165
size [# of strips]

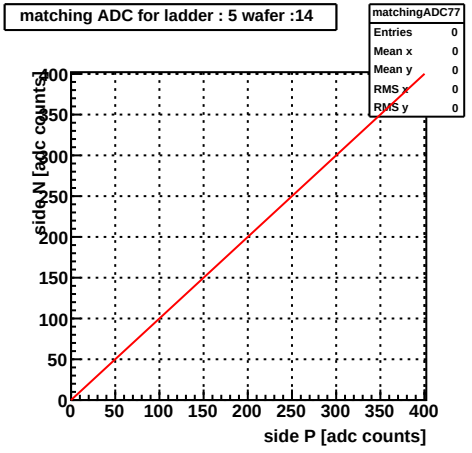

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

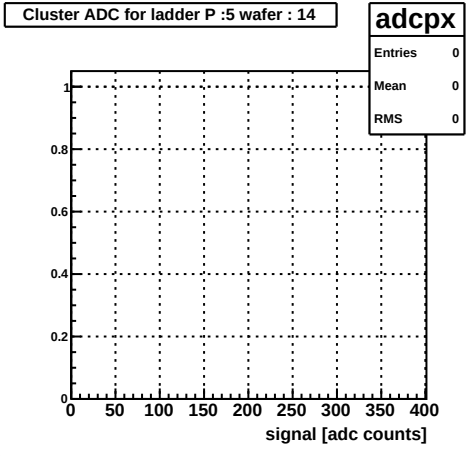

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

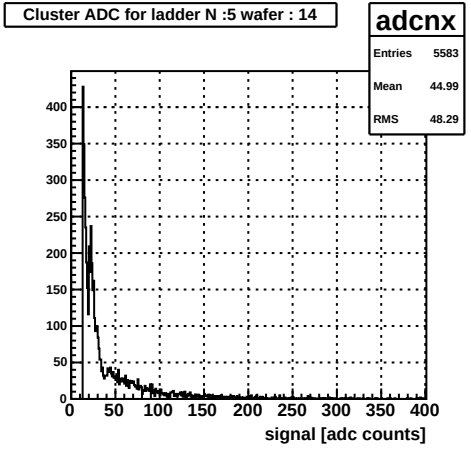

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2968
Mean 62.88
RMS 56.23
signal [adc counts]

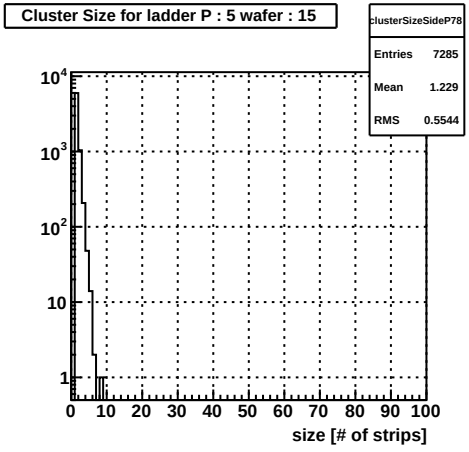

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

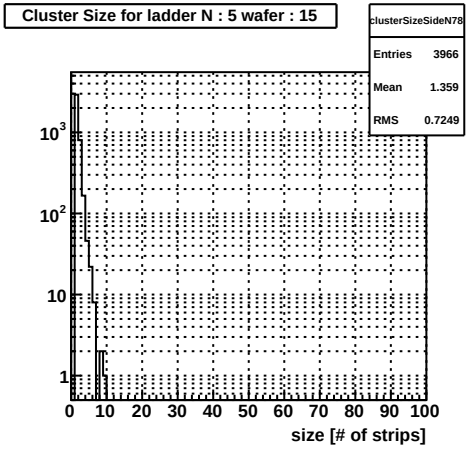

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5583
Mean 1.45
RMS 0.8899
size [# of strips]

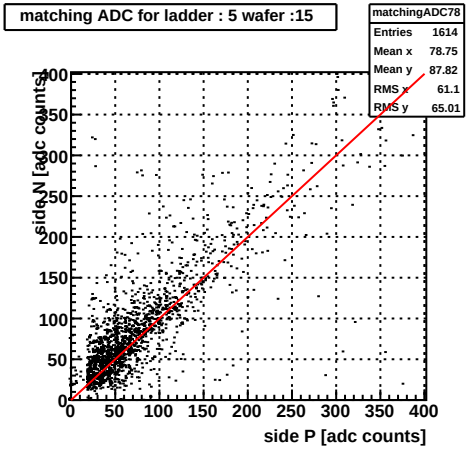

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

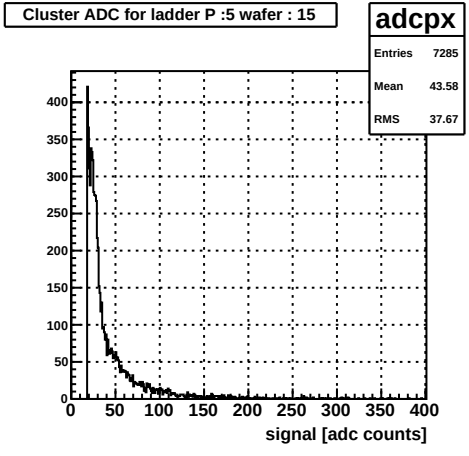

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

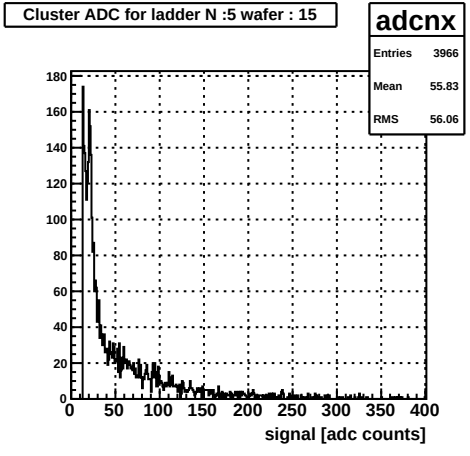

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5583
Mean 44.99
RMS 48.29
signal [adc counts]

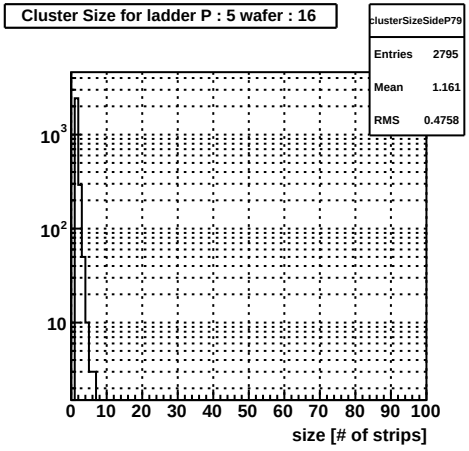

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7285
Mean 1.229
RMS 0.5544
size [# of strips]

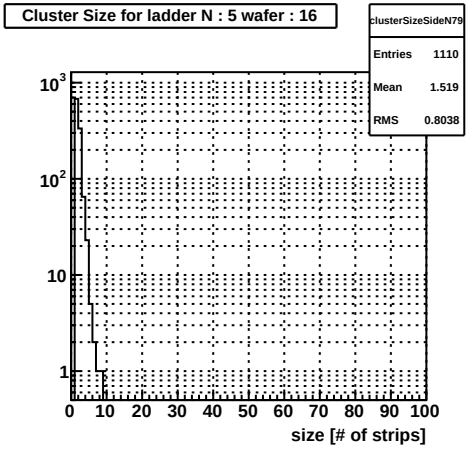

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3966
Mean 1.359
RMS 0.7249
size [# of strips]

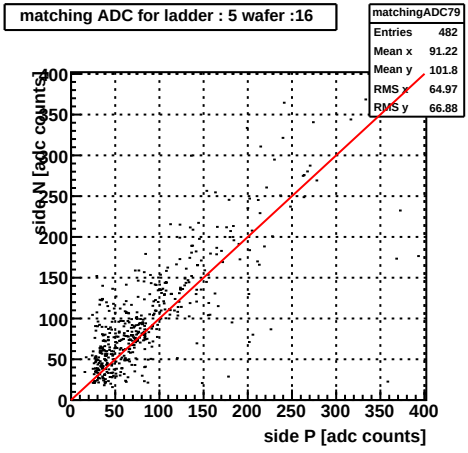

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1614
Mean x 78.75
Mean y 87.82
RMS x 61.1
RMS y 65.01
side N [adc counts]
side P [adc counts]

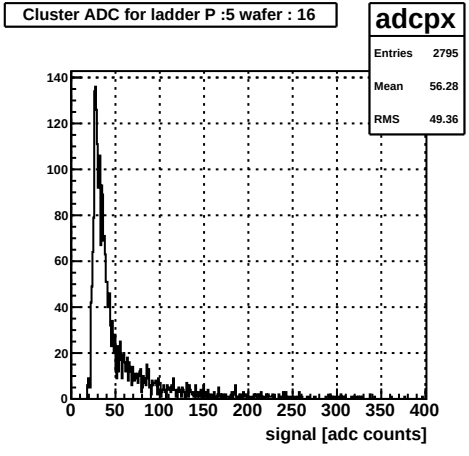

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7285
Mean 43.58
RMS 37.67
signal [adc counts]

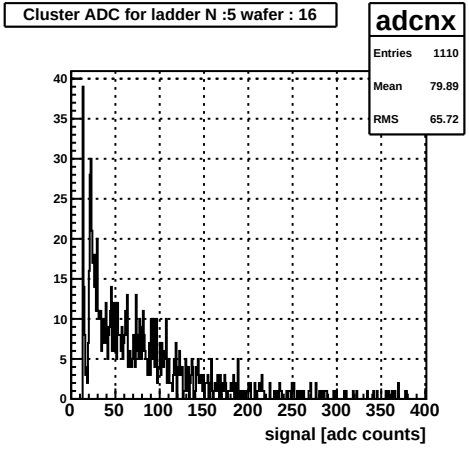

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3966
Mean 55.83
RMS 56.06
signal [adc counts]

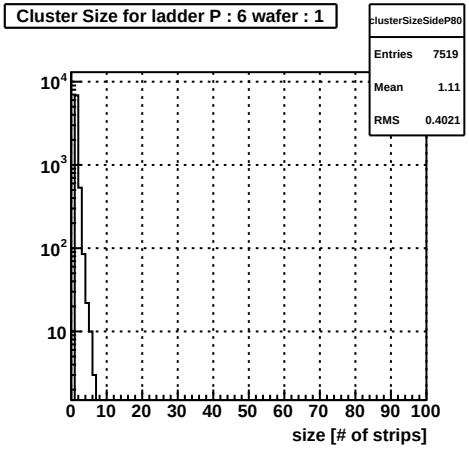

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2795
Mean 1.161
RMS 0.4758
size [# of strips]

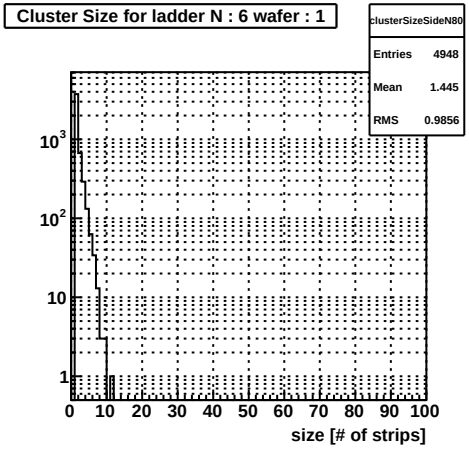

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1110
Mean 1.519
RMS 0.8038
size [# of strips]

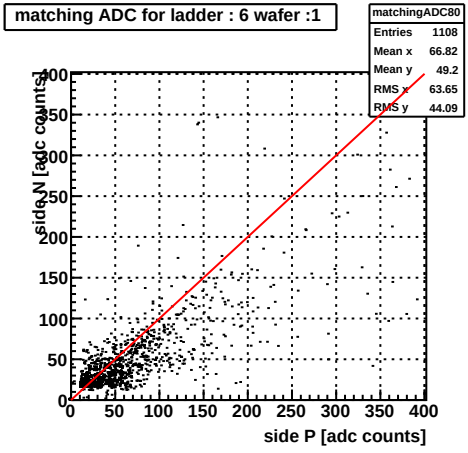

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 482
Mean x 91.22
Mean y 101.8
RMS x 64.97
RMS y 66.88
side N [adc counts]
side P [adc counts]

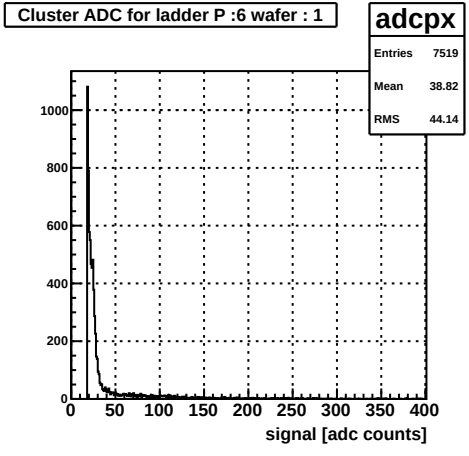

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2795
Mean 56.28
RMS 49.36
signal [adc counts]

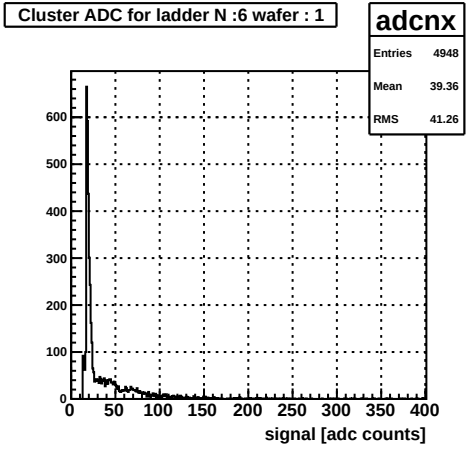

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1110
Mean 79.89
RMS 65.72
signal [adc counts]

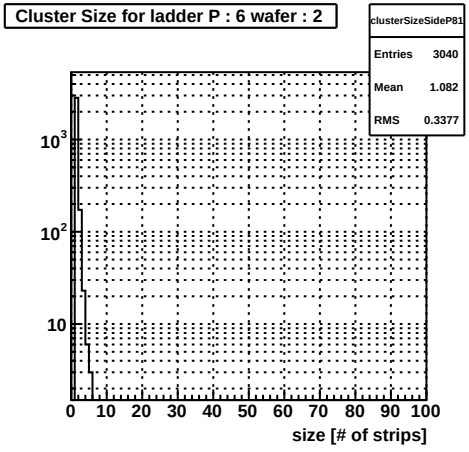

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7519
Mean 1.11
RMS 0.4021
size [# of strips]

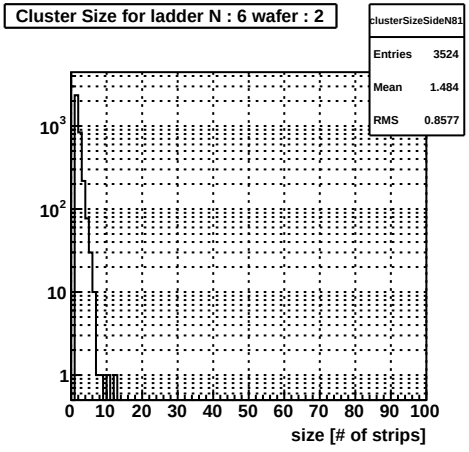

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4948
Mean 1.445
RMS 0.9856
size [# of strips]

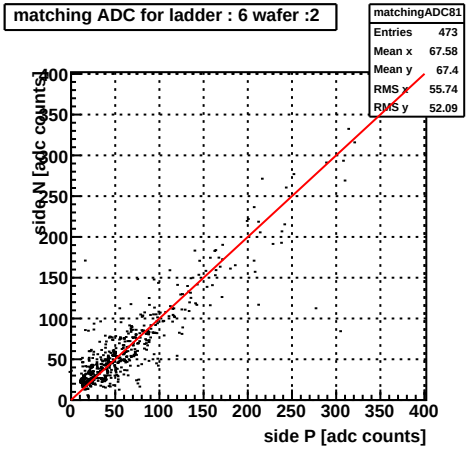

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1108
Mean x 66.82
Mean y 49.2
RMS x 63.65
RMS y 44.09
side N [adc counts]
side P [adc counts]

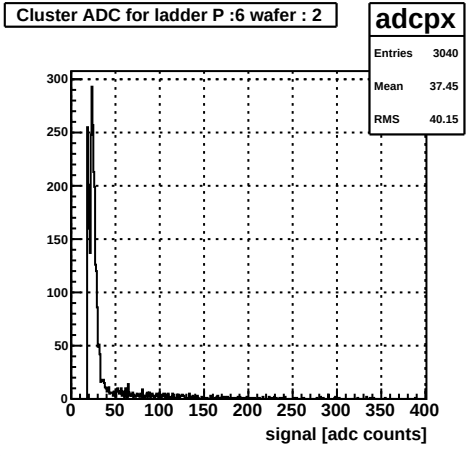

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7519
Mean 38.82
RMS 44.14
signal [adc counts]

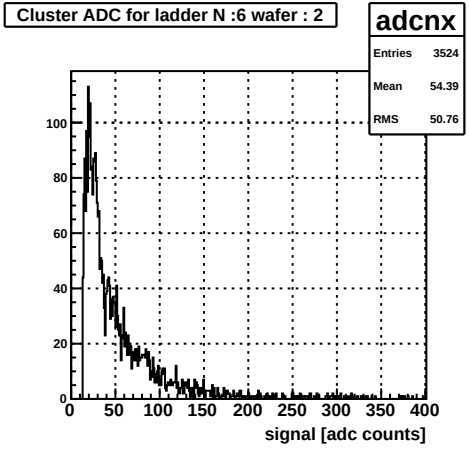

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4948
Mean 39.36
RMS 41.26
signal [adc counts]

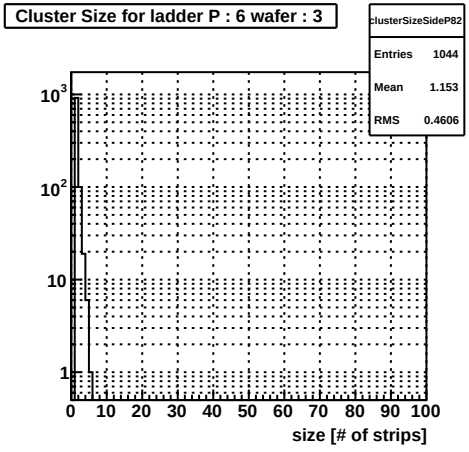

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3040
Mean 1.082
RMS 0.3377
size [# of strips]

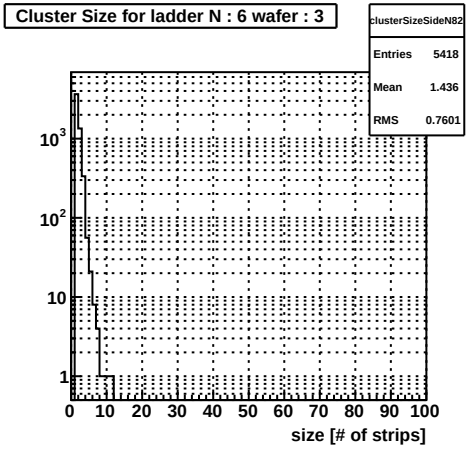

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3524
Mean 1.484
RMS 0.8577
size [# of strips]

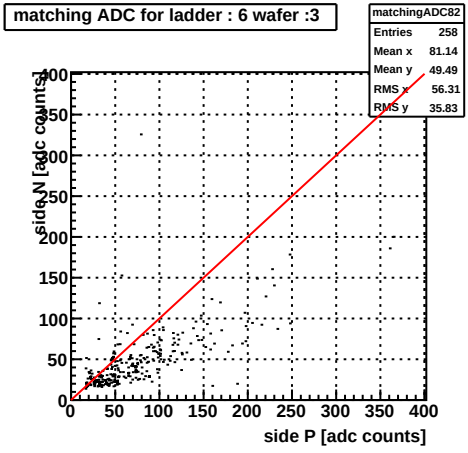

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 473
Mean x 67.58
Mean y 67.4
RMS x 55.74
RMS y 52.09
side N [adc counts]
side P [adc counts]

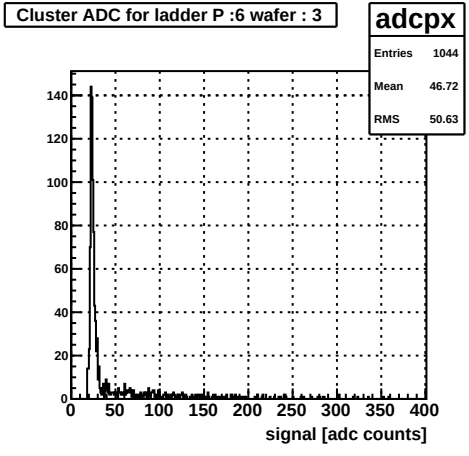

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3040
Mean 37.45
RMS 40.15
signal [adc counts]

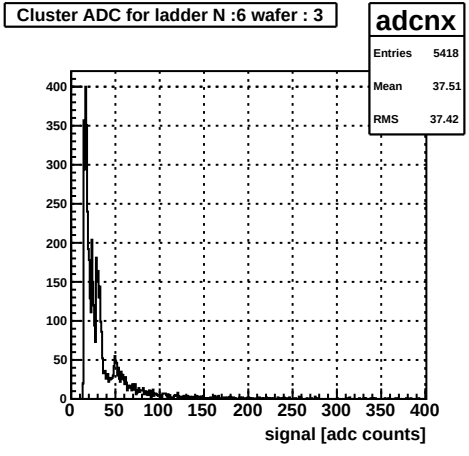

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3524
Mean 54.39
RMS 50.76
signal [adc counts]

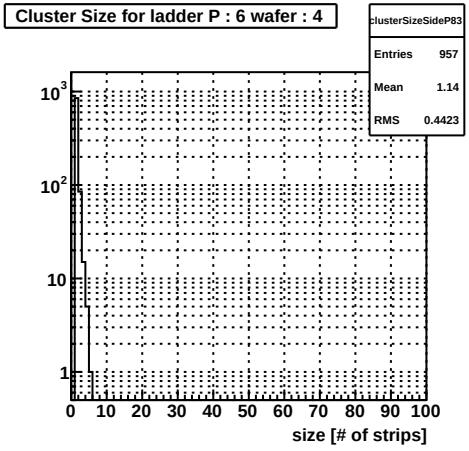

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1044
Mean 1.153
RMS 0.4606
size [# of strips]

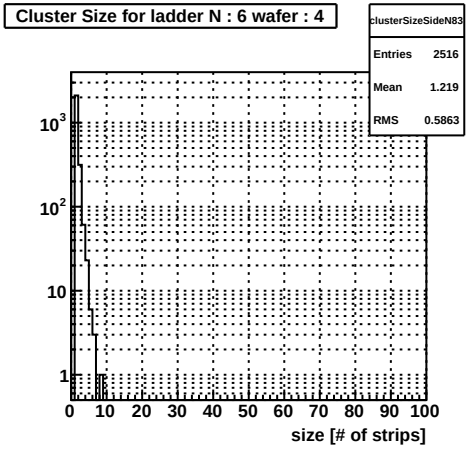

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5418
Mean 1.436
RMS 0.7601
size [# of strips]

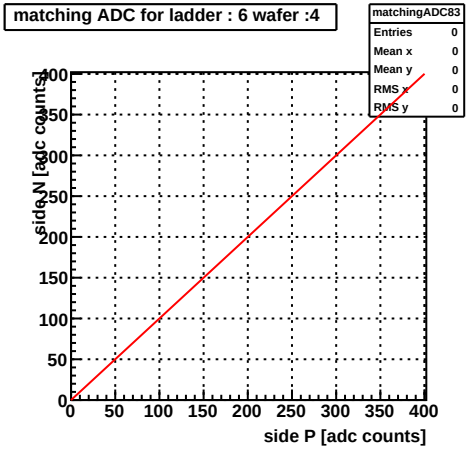

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 258
Mean x 81.14
Mean y 49.49
RMS x 56.31
RMS y 35.83
side N [adc counts]
side P [adc counts]

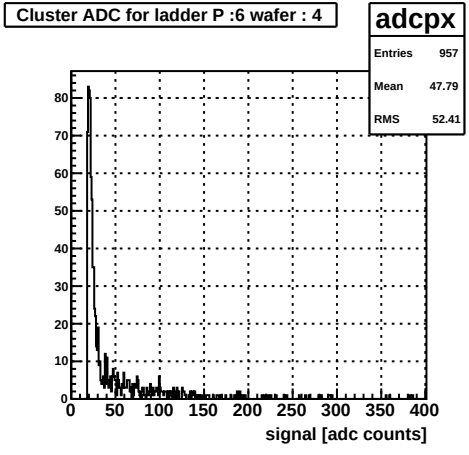

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1044
Mean 46.72
RMS 50.63
signal [adc counts]

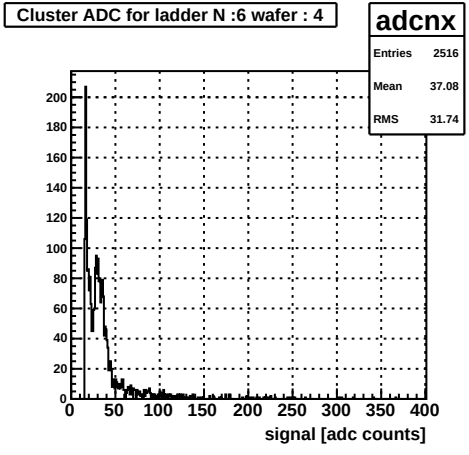

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5418
Mean 37.51
RMS 37.42
signal [adc counts]

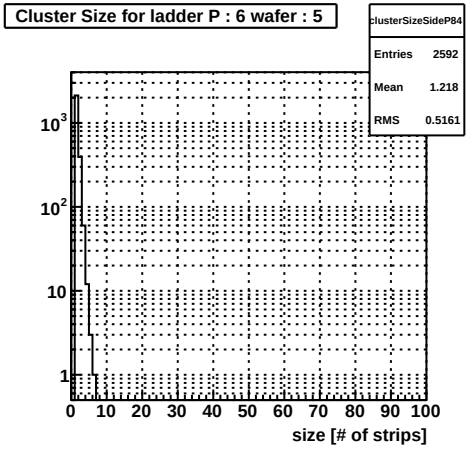

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 957
Mean 1.14
RMS 0.4423
size [# of strips]

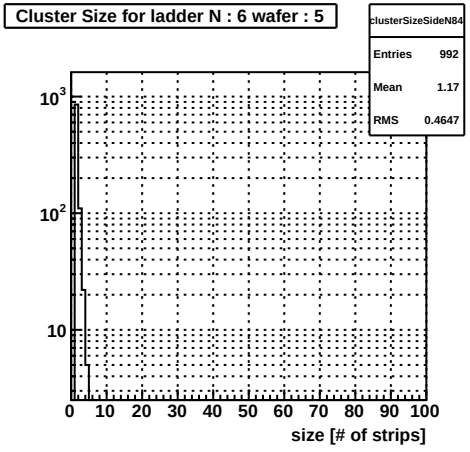

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2516
Mean 1.219
RMS 0.5863
size [# of strips]

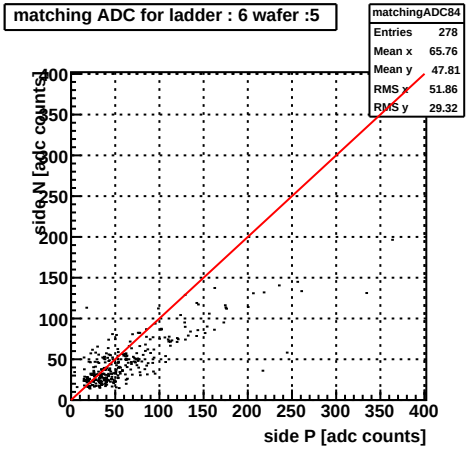

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

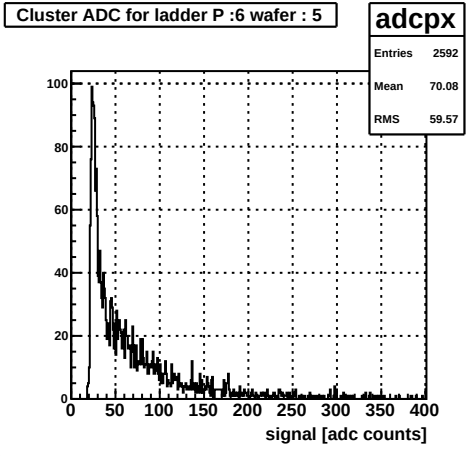

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 957
Mean 47.79
RMS 52.41
signal [adc counts]

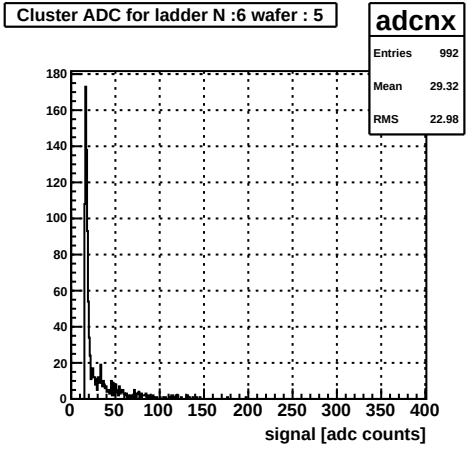

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2516
Mean 37.08
RMS 31.74
signal [adc counts]

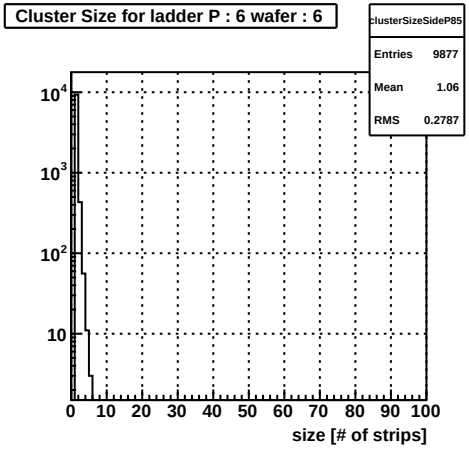

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2592
Mean 1.218
RMS 0.5161
size [# of strips]

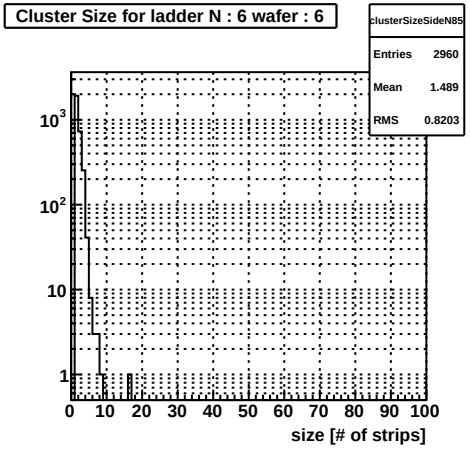

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 992
Mean 1.17
RMS 0.4647
size [# of strips]

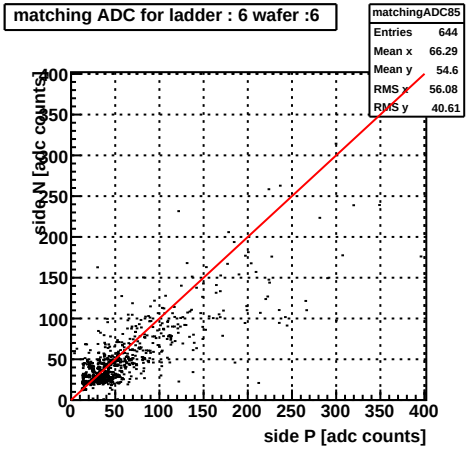

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 278
Mean x 65.76
Mean y 47.81
RMS x 51.86
RMS y 29.32
side N [adc counts]
side P [adc counts]

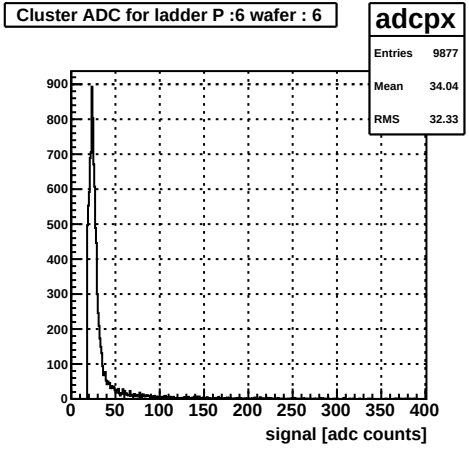

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2592
Mean 70.08
RMS 59.57
signal [adc counts]

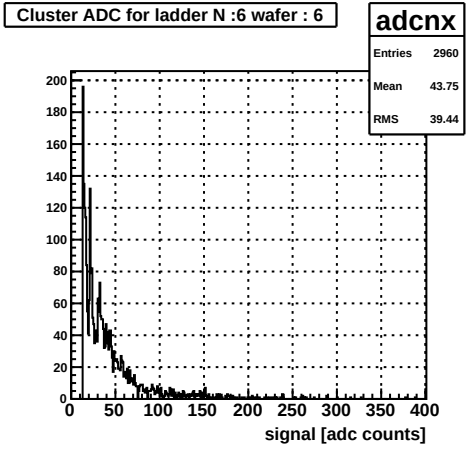

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 992
Mean 29.32
RMS 22.98
signal [adc counts]

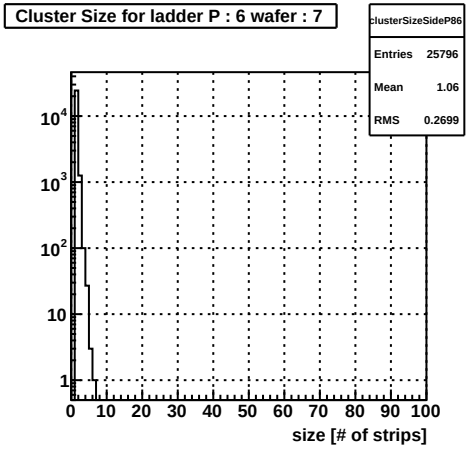

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 9877
Mean 1.06
RMS 0.2787
size [# of strips]

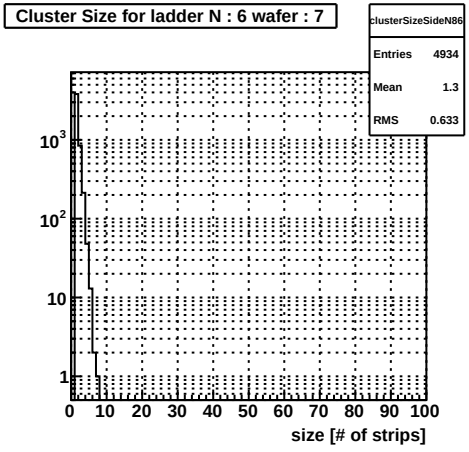

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2960
Mean 1.489
RMS 0.8203
size [# of strips]

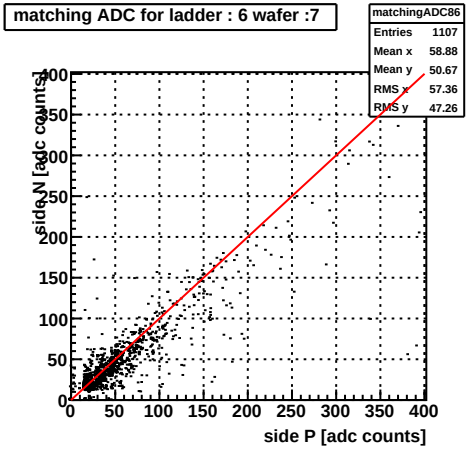

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 644
Mean x 66.29
Mean y 54.6
RMS x 56.08
RMS y 40.61
side N [adc counts]
side P [adc counts]

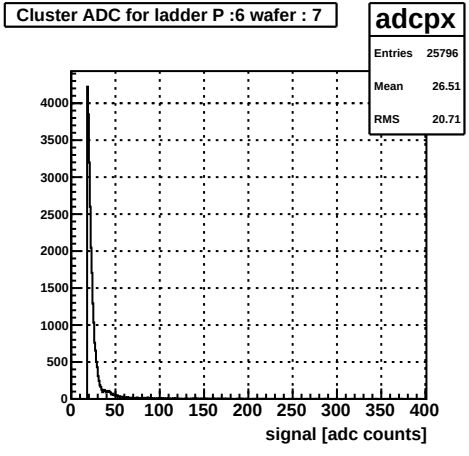

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 9877
Mean 34.04
RMS 32.33
signal [adc counts]

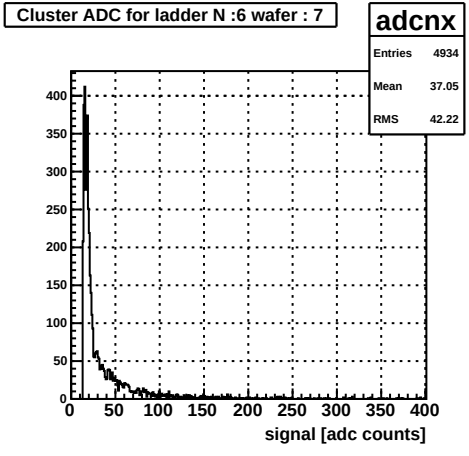

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2960
Mean 43.75
RMS 39.44
signal [adc counts]

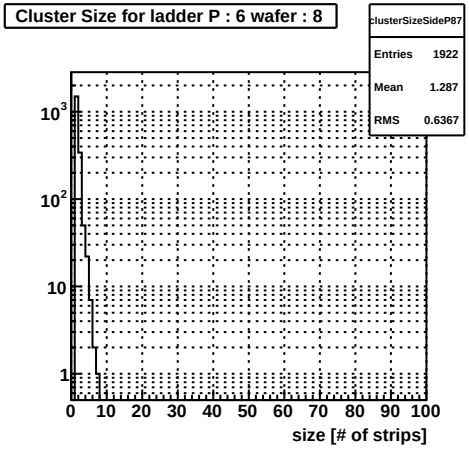

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25796
Mean 1.06
RMS 0.2699
size [# of strips]

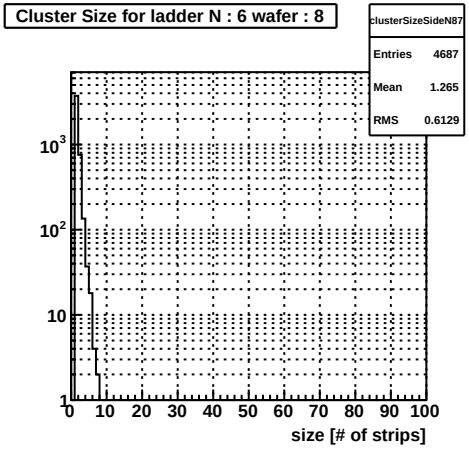

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4934
Mean 1.3
RMS 0.633
size [# of strips]

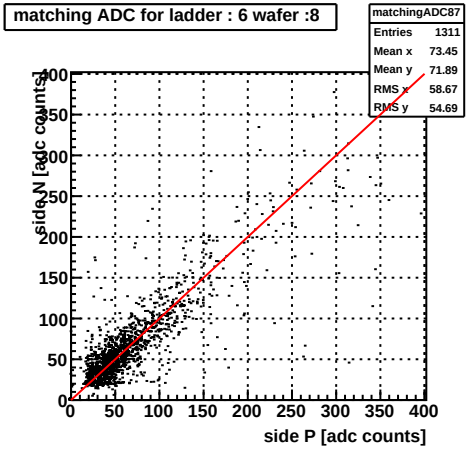

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1107
Mean x 58.88
Mean y 50.67
RMS x 57.36
RMS y 47.26
side N [adc counts]
side P [adc counts]

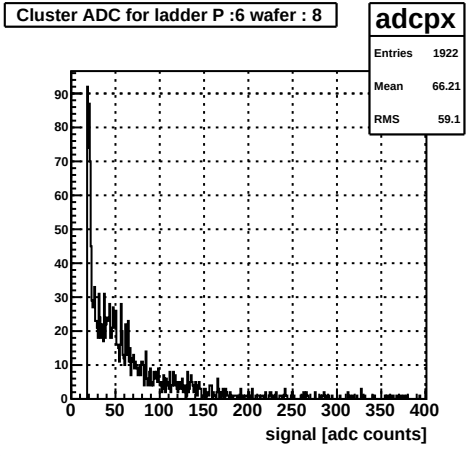

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25796
Mean 26.51
RMS 20.71
signal [adc counts]

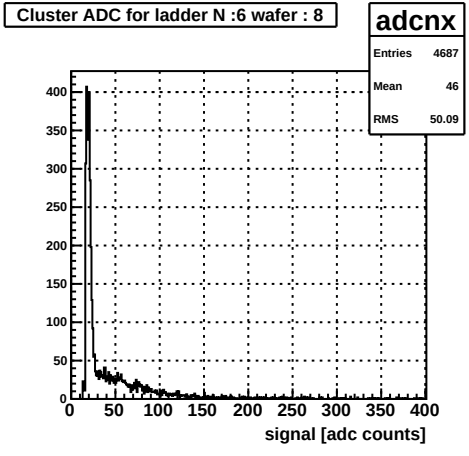

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4934
Mean 37.05
RMS 42.22
signal [adc counts]

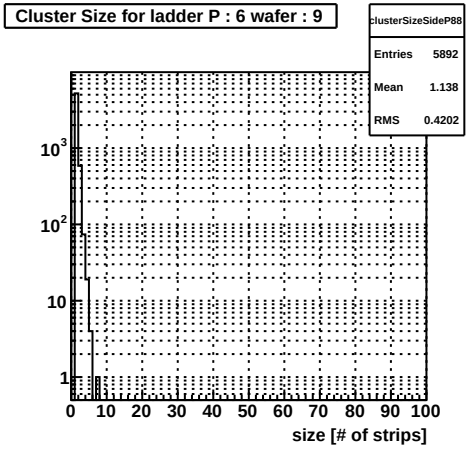

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1922
Mean 1.287
RMS 0.6367
size [# of strips]

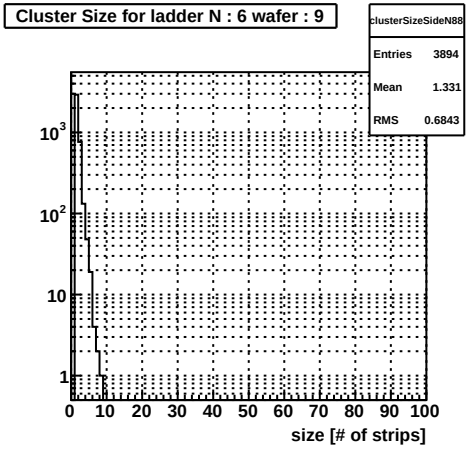

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4687
Mean 1.265
RMS 0.6129
size [# of strips]

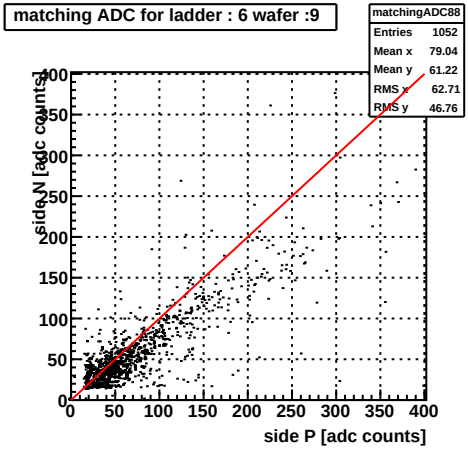

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1311
Mean x 73.45
Mean y 71.89
RMS x 58.67
RMS y 54.69
side N [adc counts]
side P [adc counts]

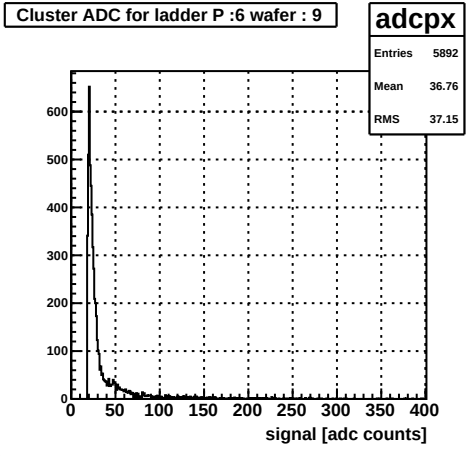

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1922
Mean 66.21
RMS 59.1
signal [adc counts]

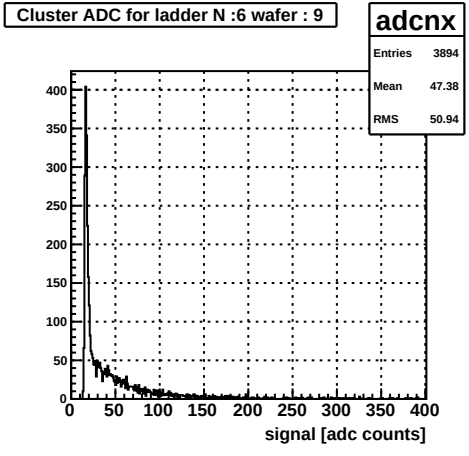

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4687
Mean 46
RMS 50.09
signal [adc counts]

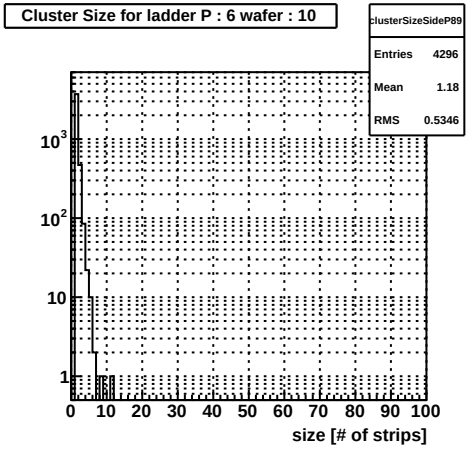

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5892
Mean 1.138
RMS 0.4202
size [# of strips]

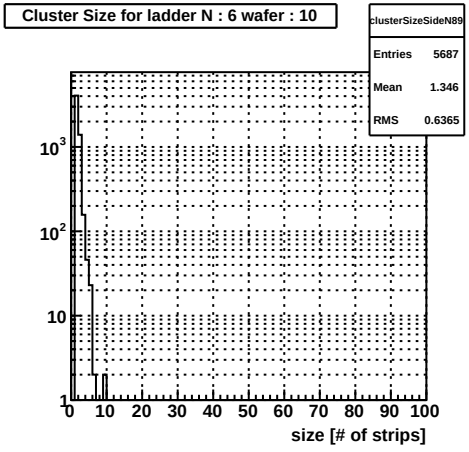

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3894
Mean 1.331
RMS 0.6843
size [# of strips]

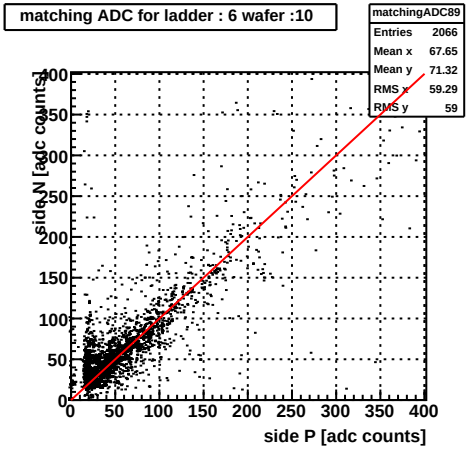

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1052
Mean x 79.04
Mean y 61.22
RMS x 62.71
RMS y 46.76
side N [adc counts]
side P [adc counts]

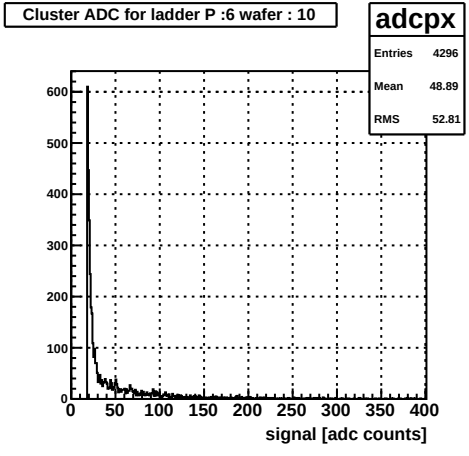

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5892
Mean 36.76
RMS 37.15
signal [adc counts]

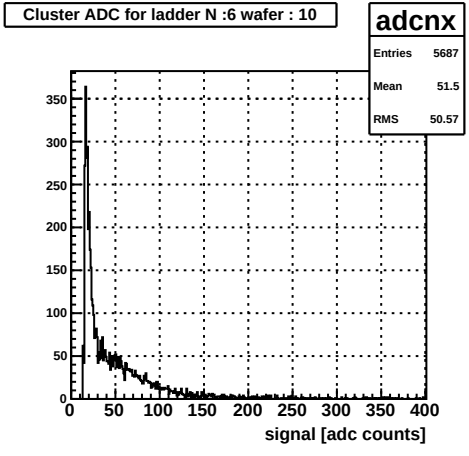

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3894
Mean 47.38
RMS 50.94
signal [adc counts]

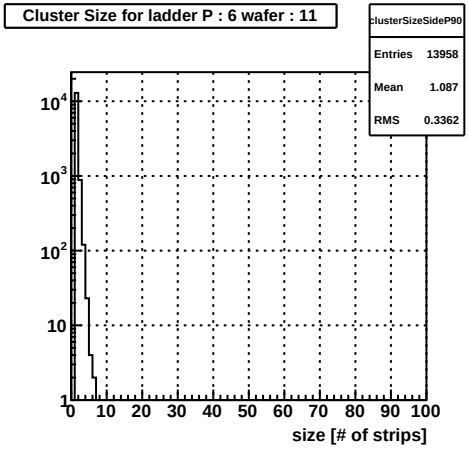

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4296
Mean 1.18
RMS 0.5346
size [# of strips]

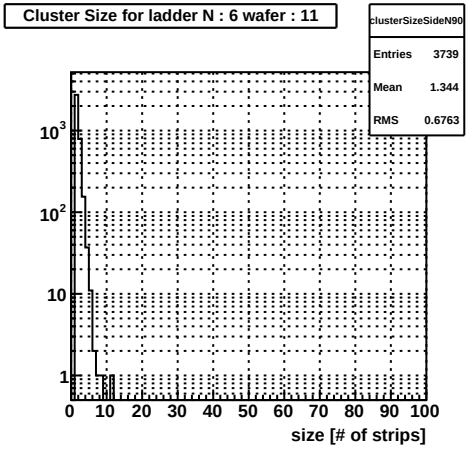

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5687
Mean 1.346
RMS 0.6365
size [# of strips]

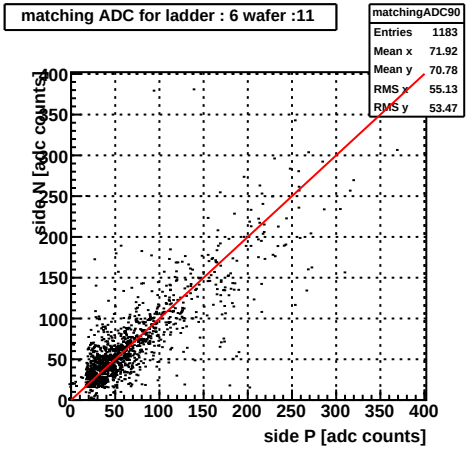

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2066
Mean x 67.65
Mean y 71.32
RMS x 59.29
RMS y 59
side N [adc counts]
side P [adc counts]

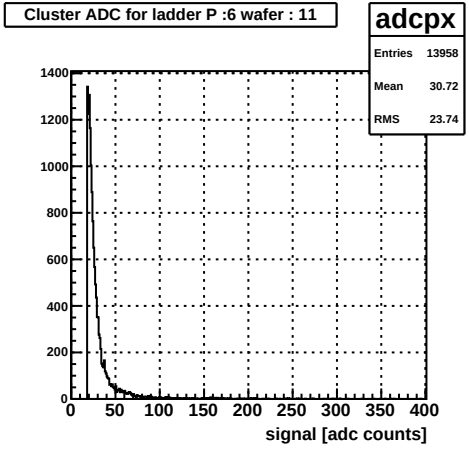

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4296
Mean 48.89
RMS 52.81
signal [adc counts]

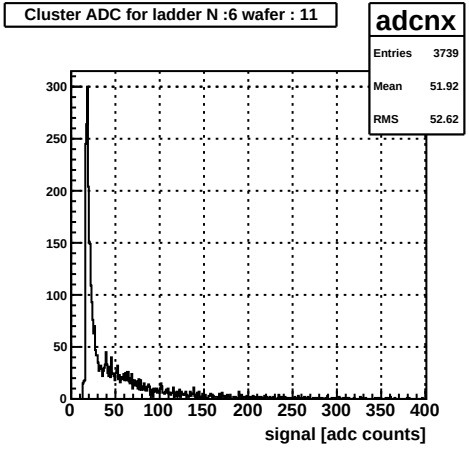

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5687
Mean 51.5
RMS 50.57
signal [adc counts]

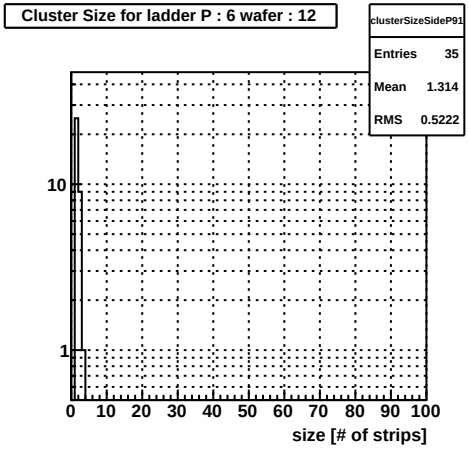

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13958
Mean 1.087
RMS 0.3362
size [# of strips]

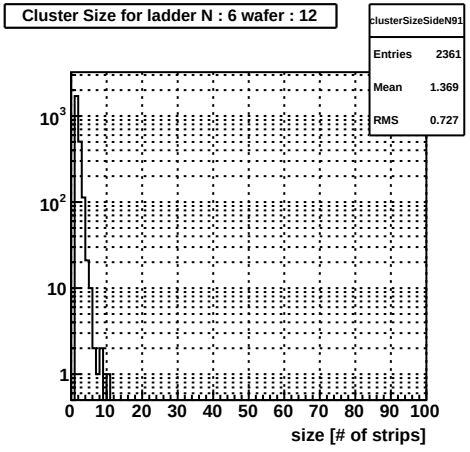

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3739
Mean 1.344
RMS 0.6763
size [# of strips]

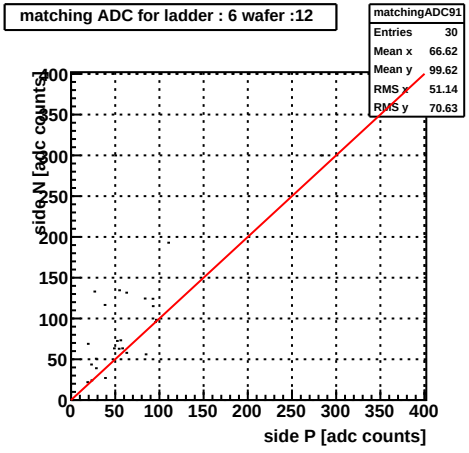

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1183
Mean x 71.92
Mean y 70.78
RMS x 55.13
RMS y 53.47
side N [adc counts]
side P [adc counts]

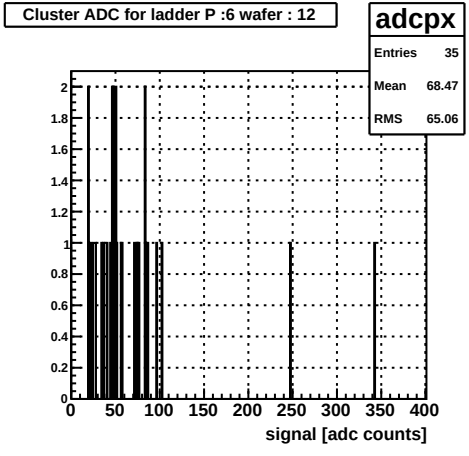

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13958
Mean 30.72
RMS 23.74
signal [adc counts]

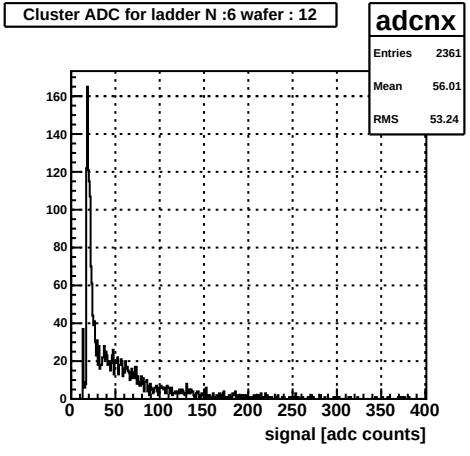

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3739
Mean 51.92
RMS 52.62
signal [adc counts]

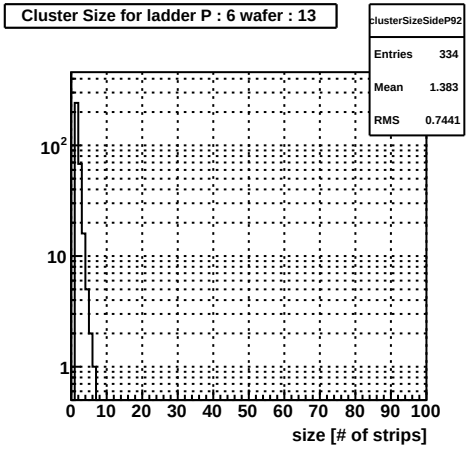

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 35
Mean 1.314
RMS 0.5222
size [# of strips]

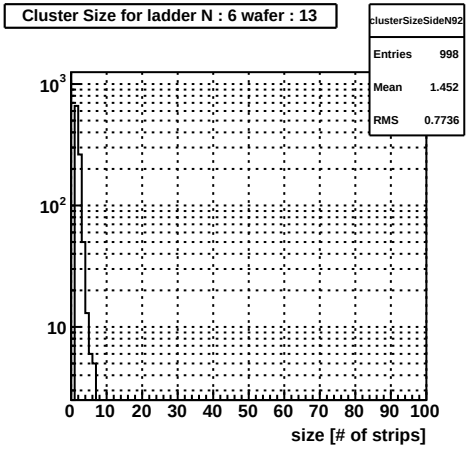

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2361
Mean 1.369
RMS 0.727
size [# of strips]

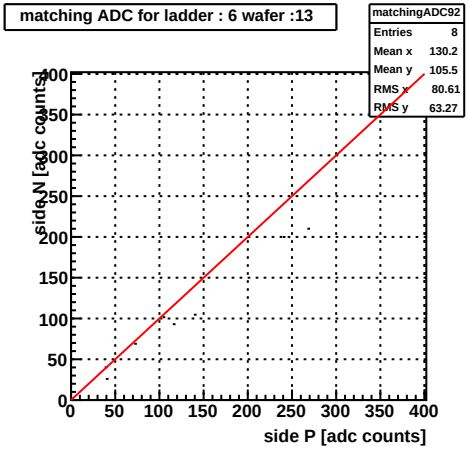

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 30
Mean x 66.62
Mean y 99.62
RMS x 51.14
RMS y 70.63
side N [adc counts]
side P [adc counts]

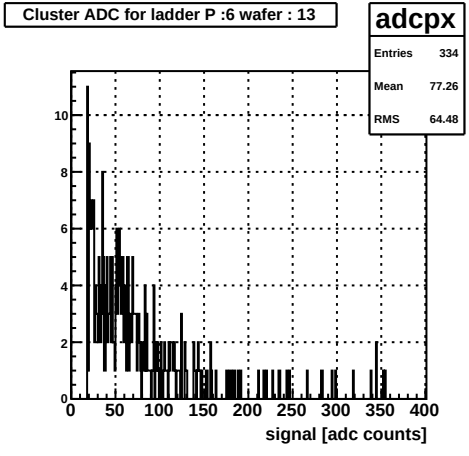

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 35
Mean 68.47
RMS 65.06
signal [adc counts]

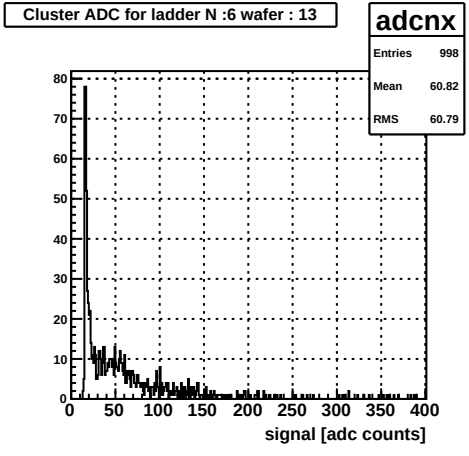

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2361
Mean 56.01
RMS 53.24
signal [adc counts]

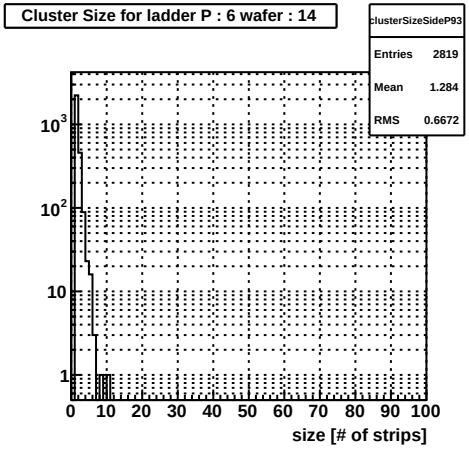

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 334
Mean 1.383
RMS 0.7441
size [# of strips]

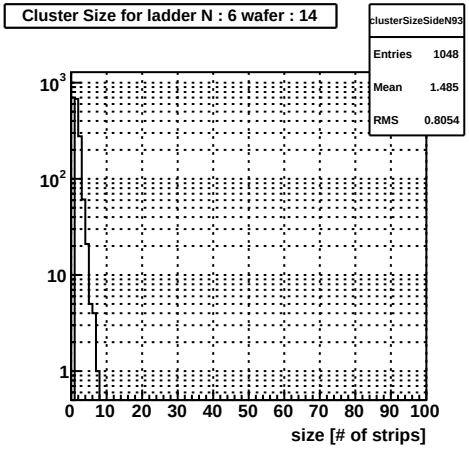

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 998
Mean 1.452
RMS 0.7736
size [# of strips]

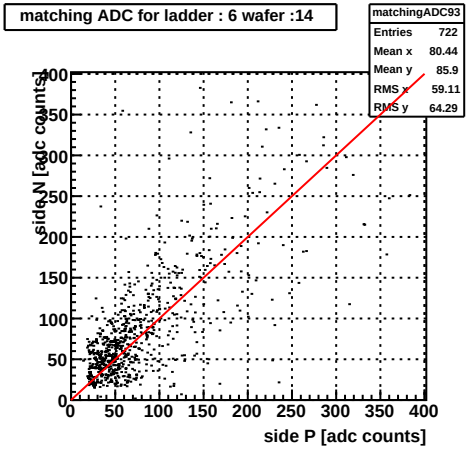

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 8
Mean x 130.2
Mean y 105.5
RMS x 80.61
RMS y 63.27
side N [adc counts]
side P [adc counts]

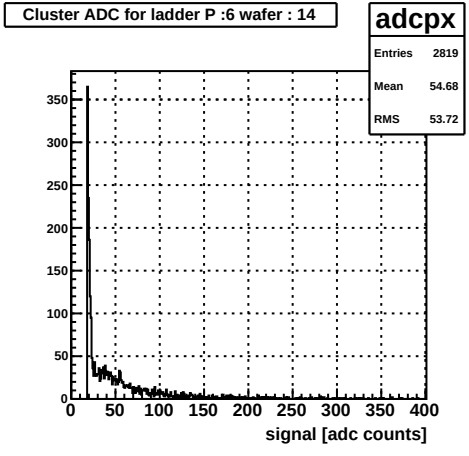

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 334
Mean 77.26
RMS 64.48
signal [adc counts]

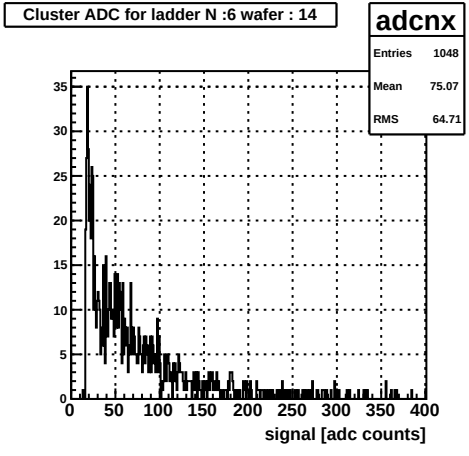

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 998
Mean 60.82
RMS 60.79
signal [adc counts]

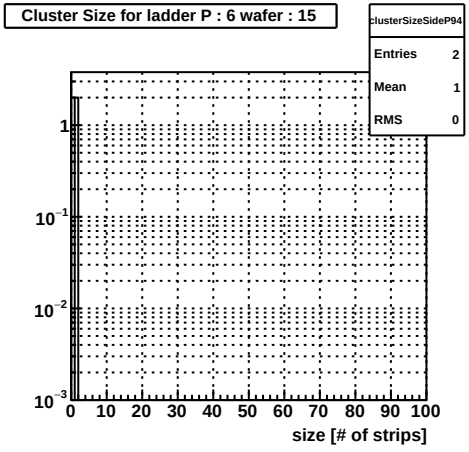

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2819
Mean 1.284
RMS 0.6672
size [# of strips]

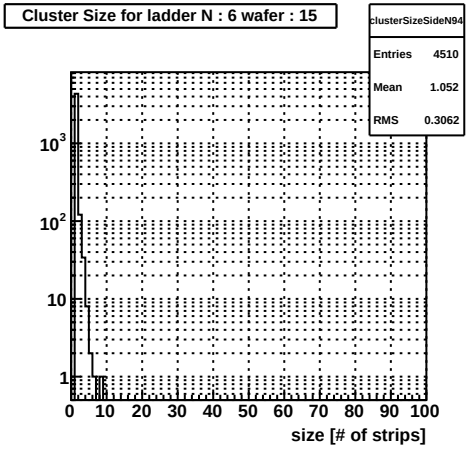

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1048
Mean 1.485
RMS 0.8054
size [# of strips]

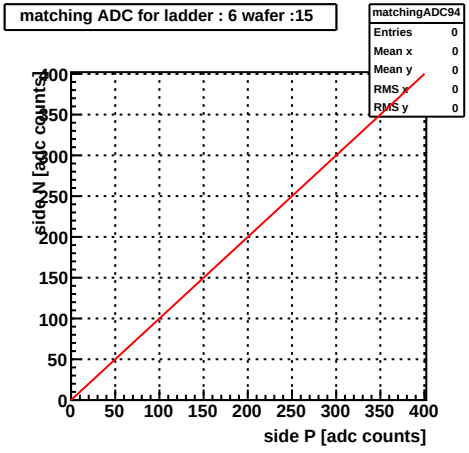

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 722
Mean x 80.44
Mean y 85.9
RMS x 59.11
RMS y 64.29
side N [adc counts]
side P [adc counts]

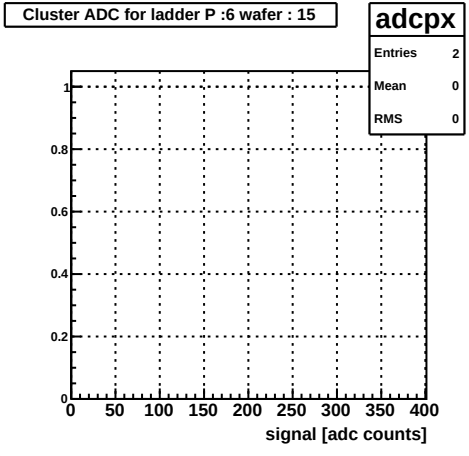

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2819
Mean 54.68
RMS 53.72
signal [adc counts]

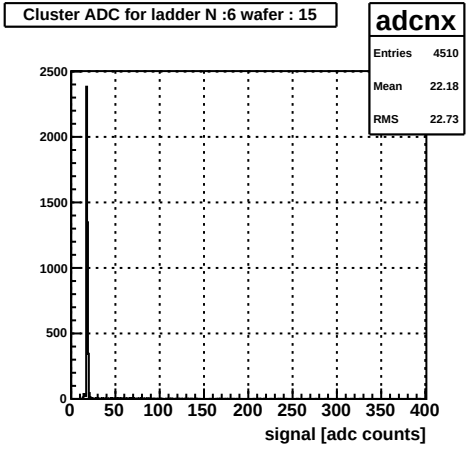

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1048
Mean 75.07
RMS 64.71
signal [adc counts]

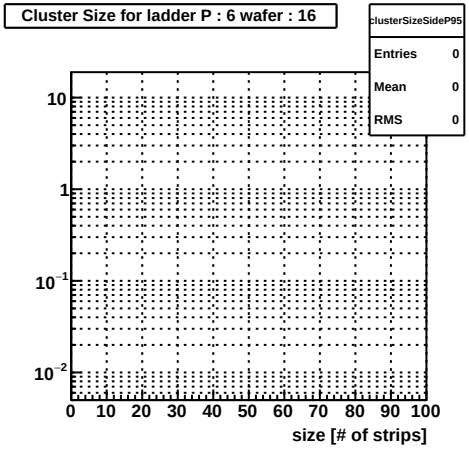

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

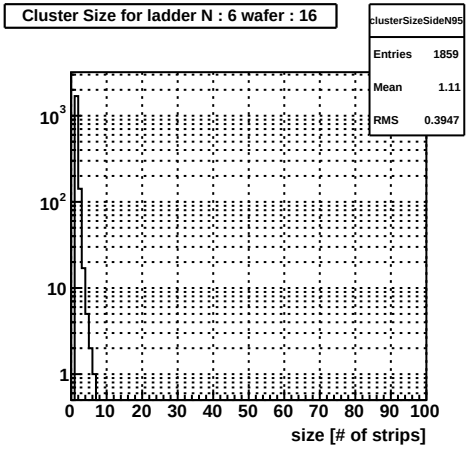

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4510
Mean 1.052
RMS 0.3062
size [# of strips]

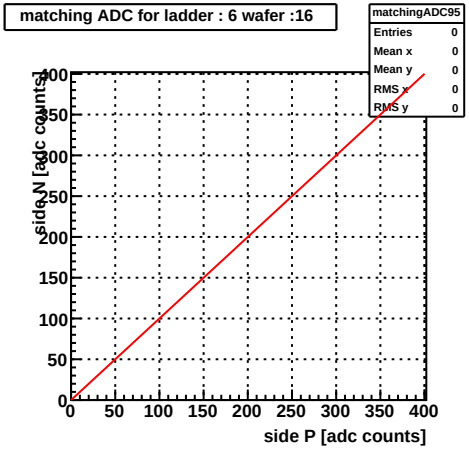

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

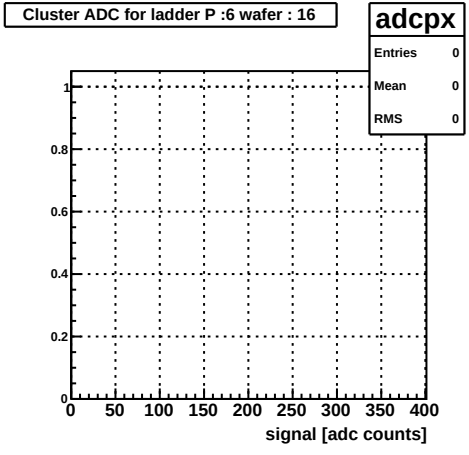

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

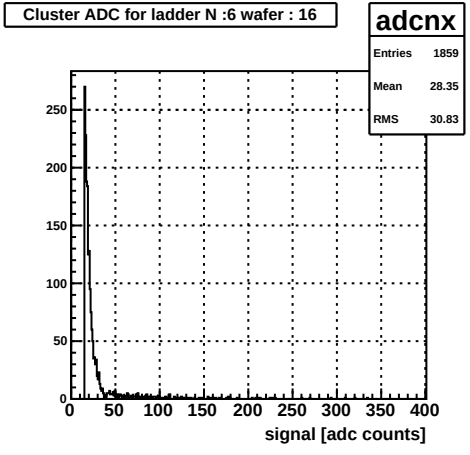

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4510
Mean 22.18
RMS 22.73
signal [adc counts]

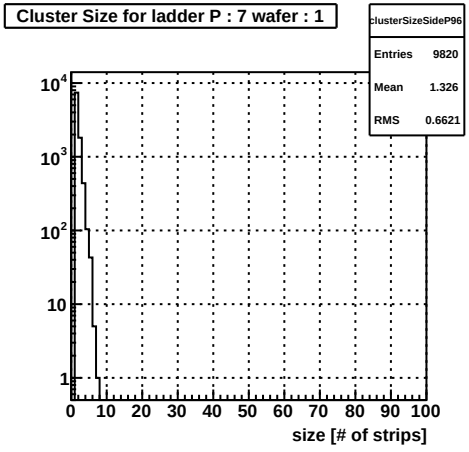

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

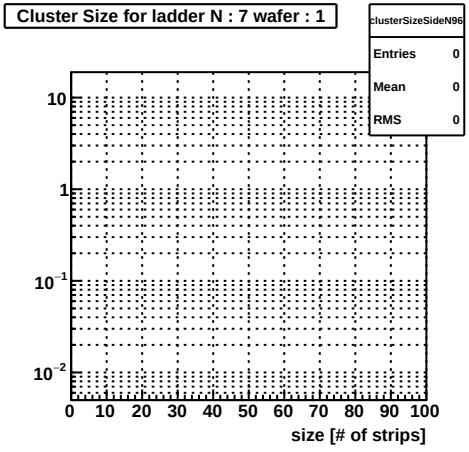

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1859
Mean 1.11
RMS 0.3947
size [# of strips]

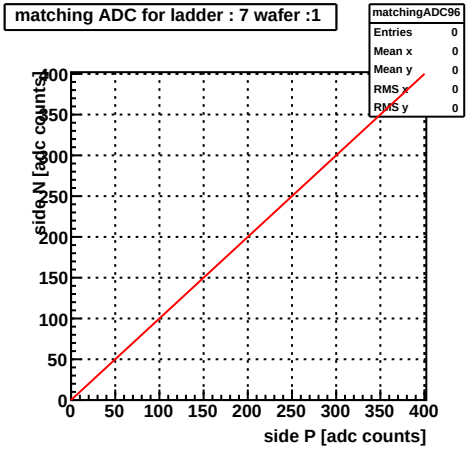

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

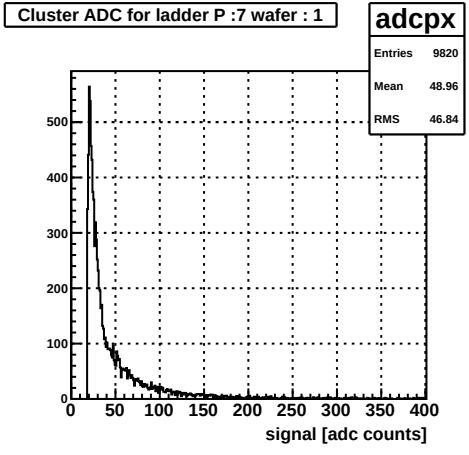

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

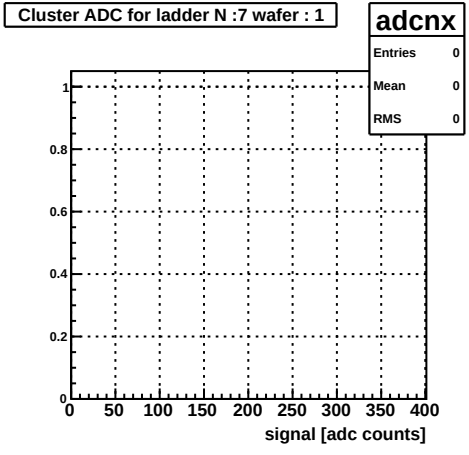

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1859
Mean 28.35
RMS 30.83
signal [adc counts]

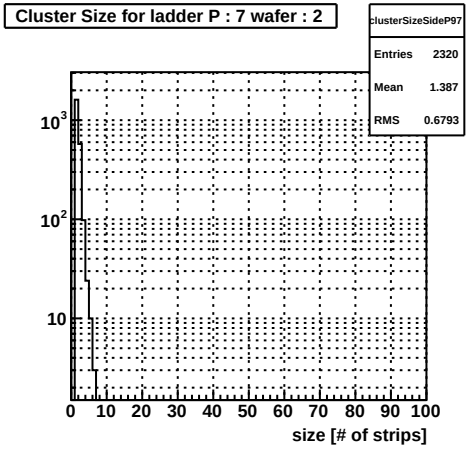

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9820
Mean 1.326
RMS 0.6621
size [# of strips]

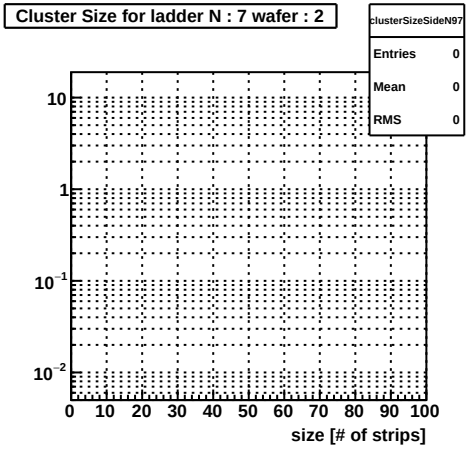

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

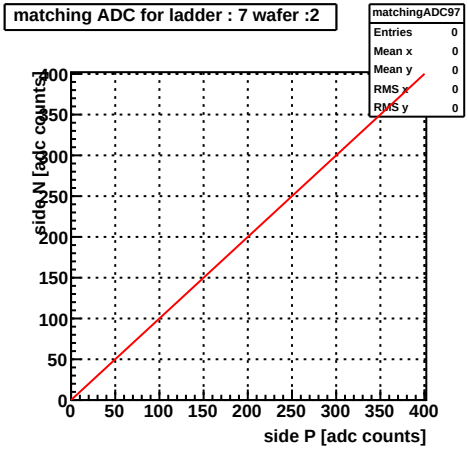

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

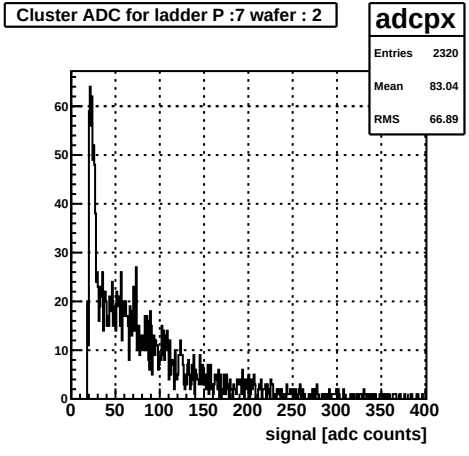

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9820
Mean 48.96
RMS 46.84
signal [adc counts]

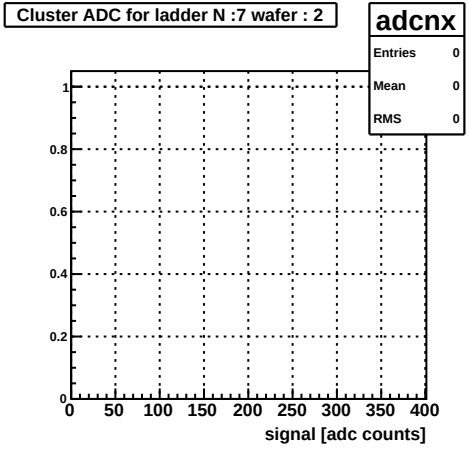

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

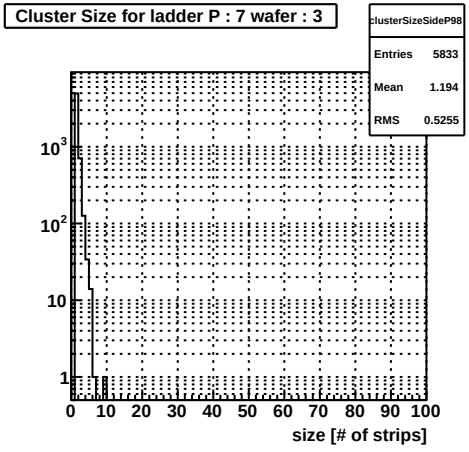

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2320
Mean 1.387
RMS 0.6793
size [# of strips]

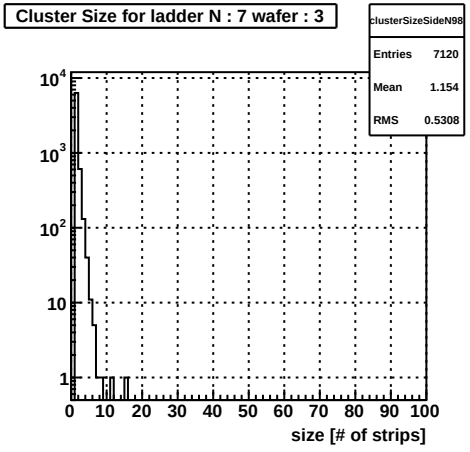

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

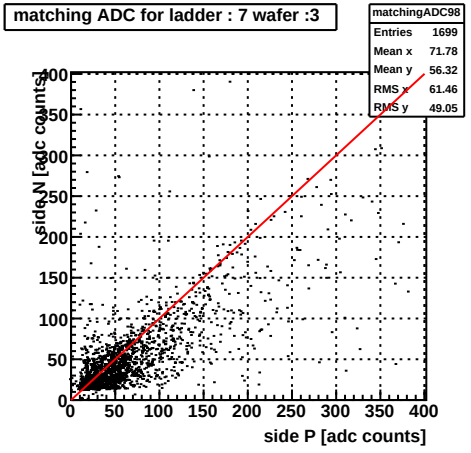

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

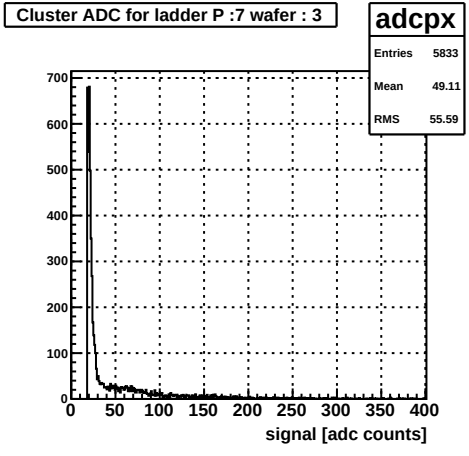

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2320
Mean 83.04
RMS 66.89
signal [adc counts]

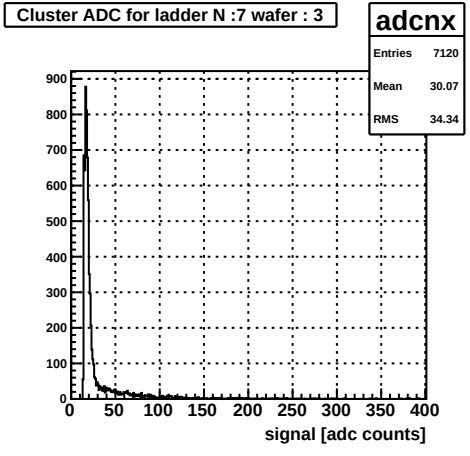

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

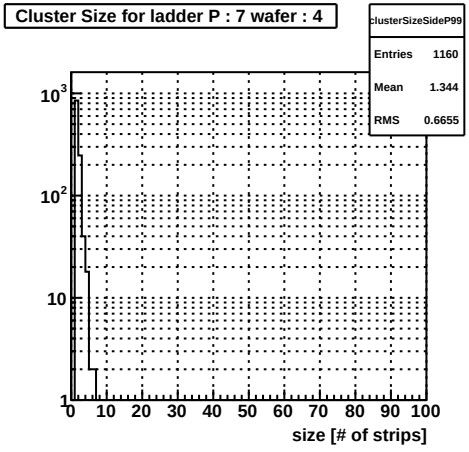

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5833
Mean 1.194
RMS 0.5255
size [# of strips]

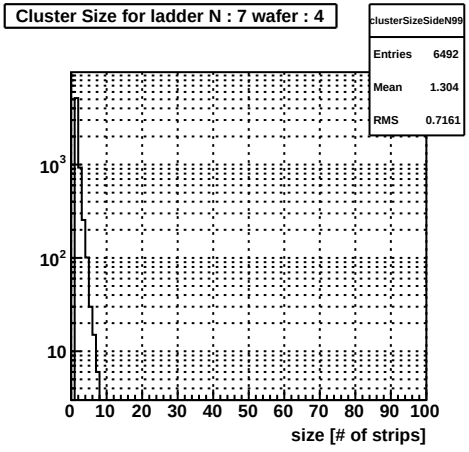

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7120
Mean 1.154
RMS 0.5308
size [# of strips]

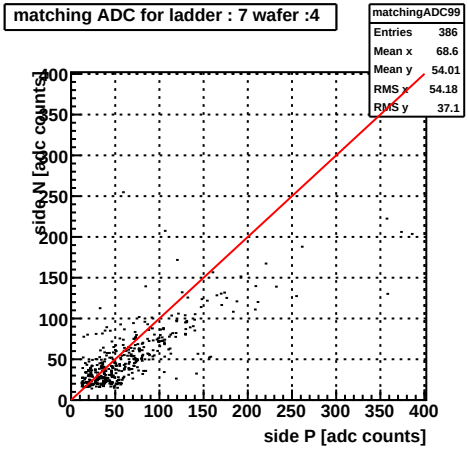

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1699
Mean x 71.78
Mean y 56.32
RMS x 61.46
RMS y 49.05
side N [adc counts]
side P [adc counts]

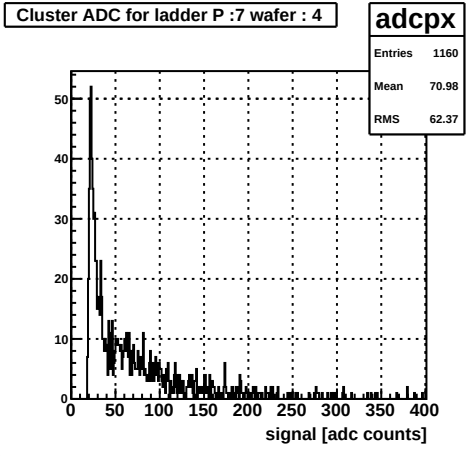

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5833
Mean 49.11
RMS 55.59
signal [adc counts]

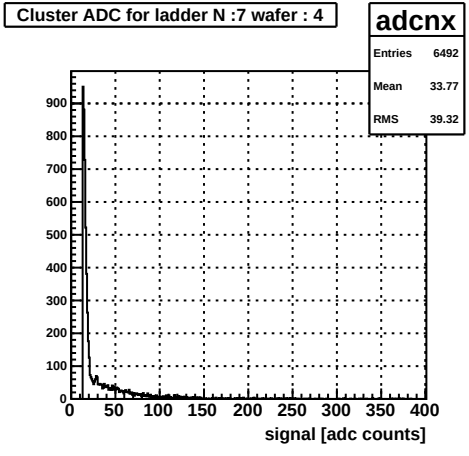

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7120
Mean 30.07
RMS 34.34
signal [adc counts]

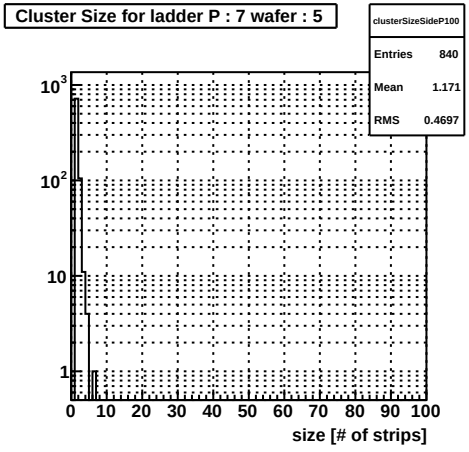

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1160
Mean 1.344
RMS 0.6655
size [# of strips]

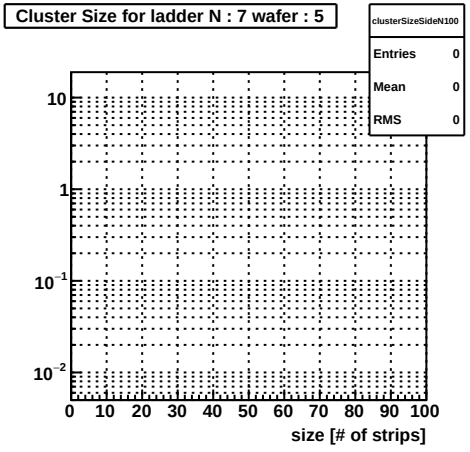

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6492
Mean 1.304
RMS 0.7161
size [# of strips]

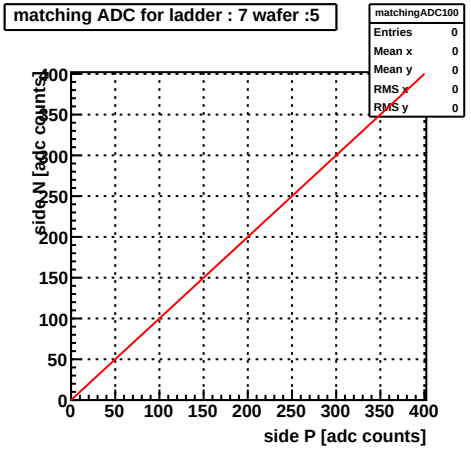

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 386
Mean x 68.6
Mean y 54.01
RMS x 54.18
RMS y 37.1
side N [adc counts]
side P [adc counts]

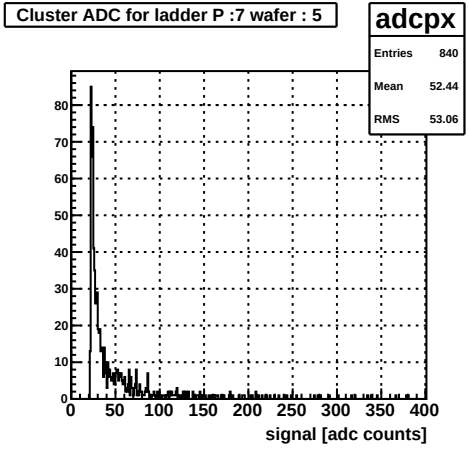

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1160
Mean 70.98
RMS 62.37
signal [adc counts]

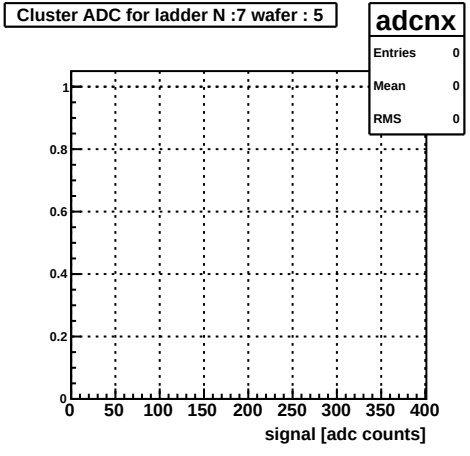

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6492
Mean 33.77
RMS 39.32
signal [adc counts]

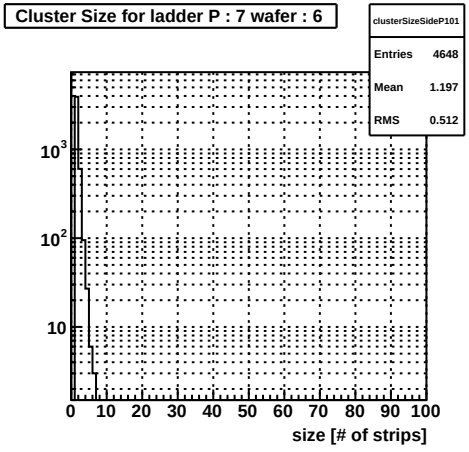

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 840
Mean 1.171
RMS 0.4697
size [# of strips]

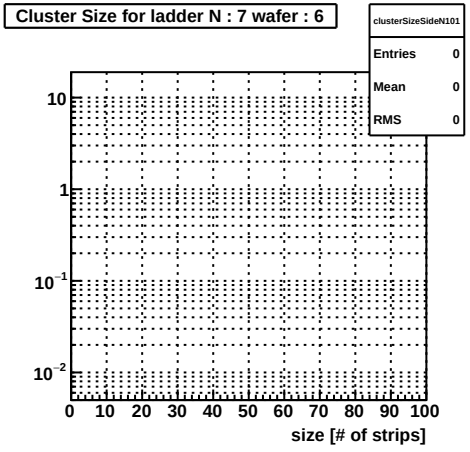

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

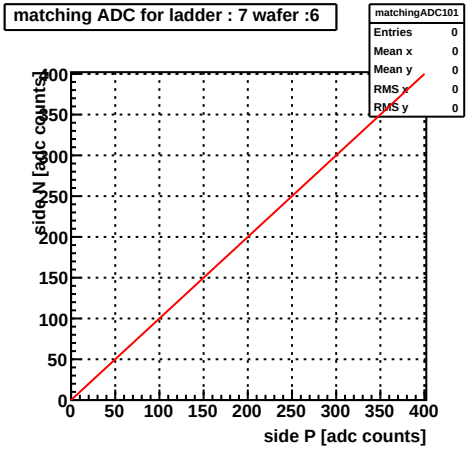

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

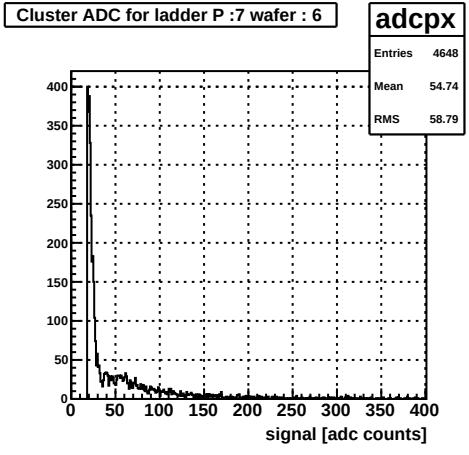

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 840
Mean 52.44
RMS 53.06
signal [adc counts]

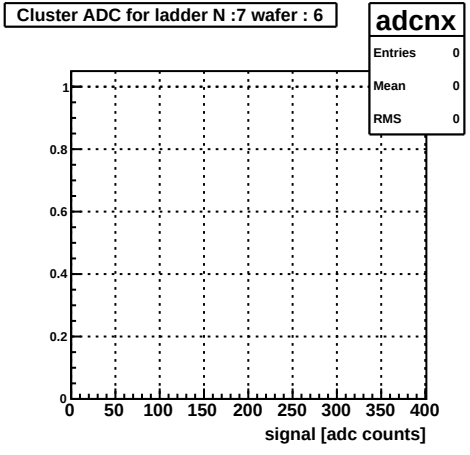

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

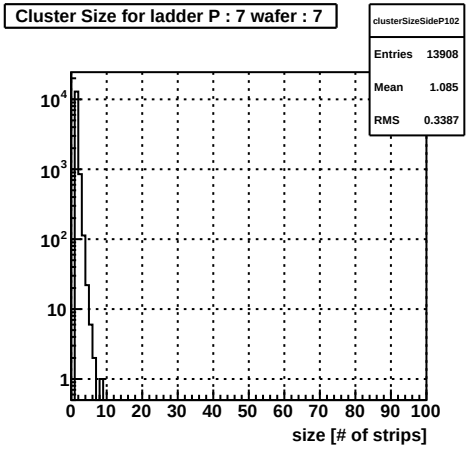

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4648
Mean 1.197
RMS 0.512
size [# of strips]

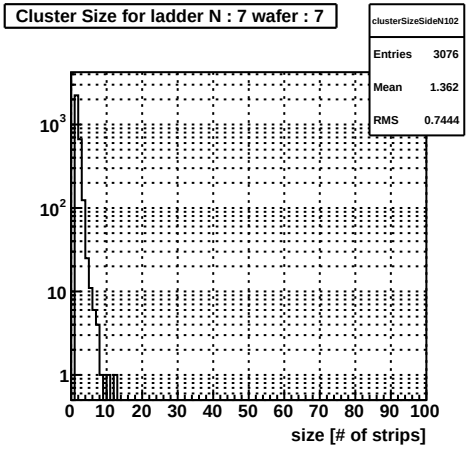

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

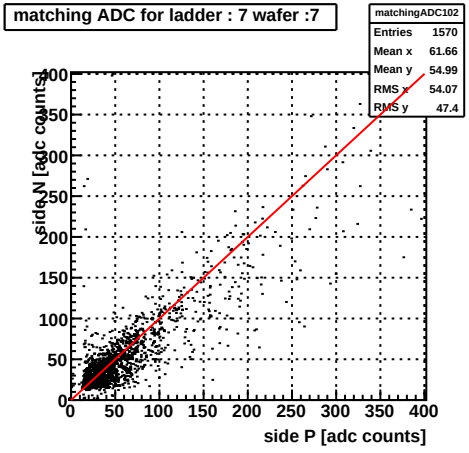

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

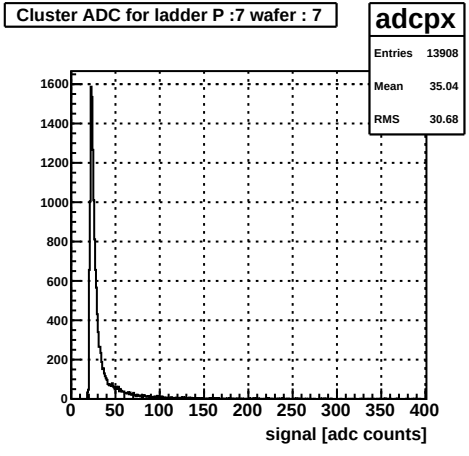

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4648
Mean 54.74
RMS 58.79
signal [adc counts]

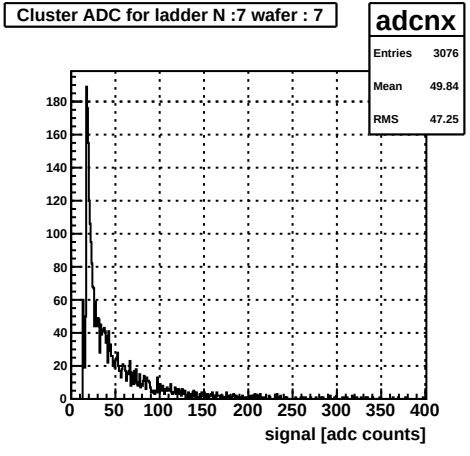

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

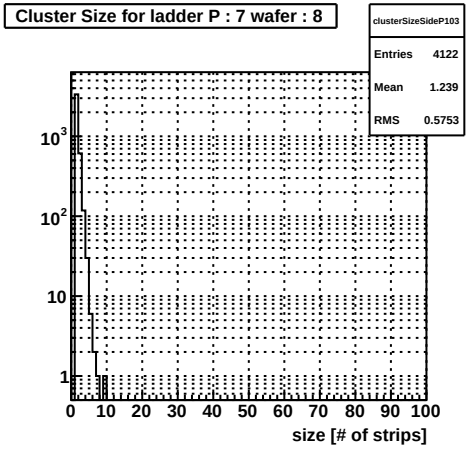

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13908
Mean 1.085
RMS 0.3387
size [# of strips]

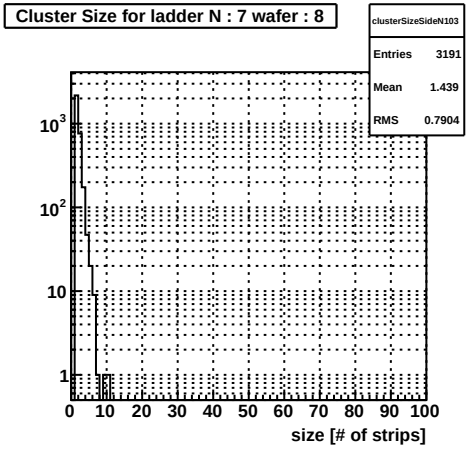

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3076
Mean 1.362
RMS 0.7444
size [# of strips]

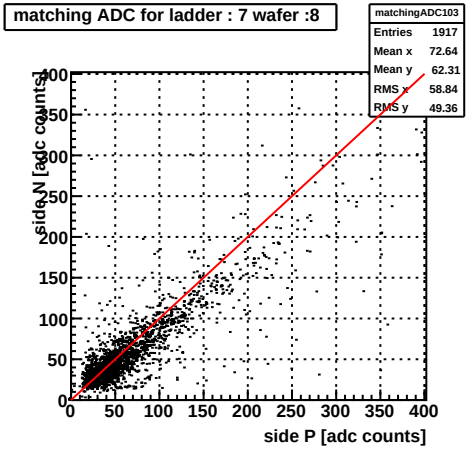

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1570
Mean x 61.66
Mean y 54.99
RMS x 54.07
RMS y 47.4
side N [adc counts]
side P [adc counts]

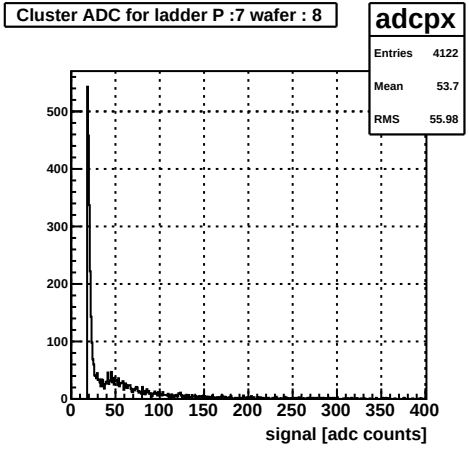

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13908
Mean 35.04
RMS 30.68
signal [adc counts]

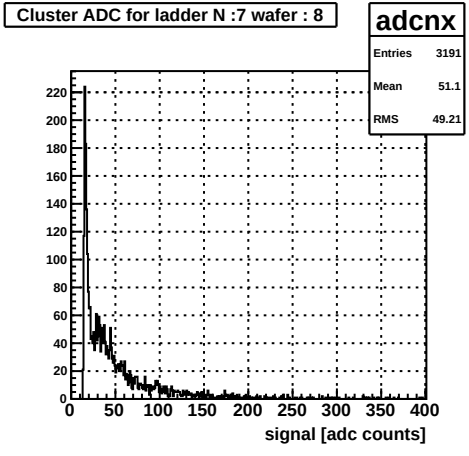

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3076
Mean 49.84
RMS 47.25
signal [adc counts]

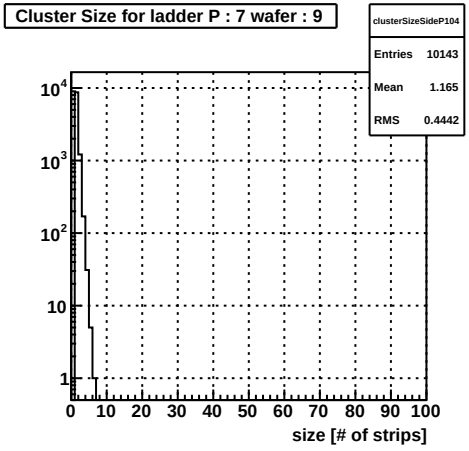

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4122
Mean 1.239
RMS 0.5753
size [# of strips]

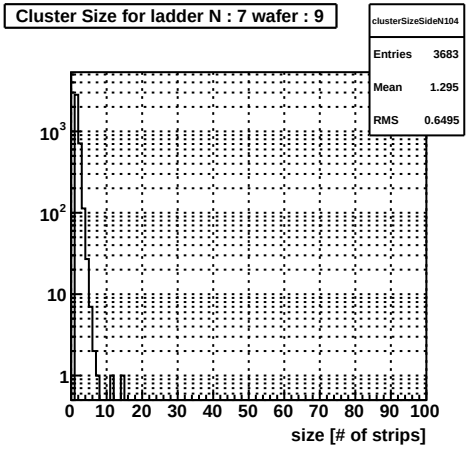

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3191
Mean 1.439
RMS 0.7904
size [# of strips]

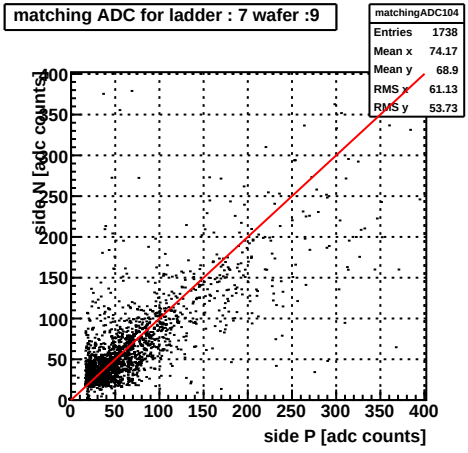

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1917
Mean x 72.64
Mean y 62.31
RMS x 58.84
RMS y 49.36
side N [adc counts]
side P [adc counts]

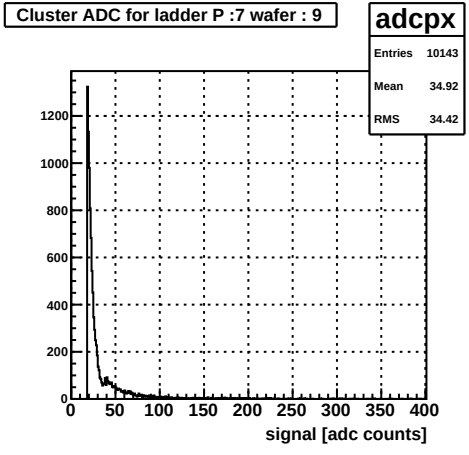

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4122
Mean 53.7
RMS 55.98
signal [adc counts]

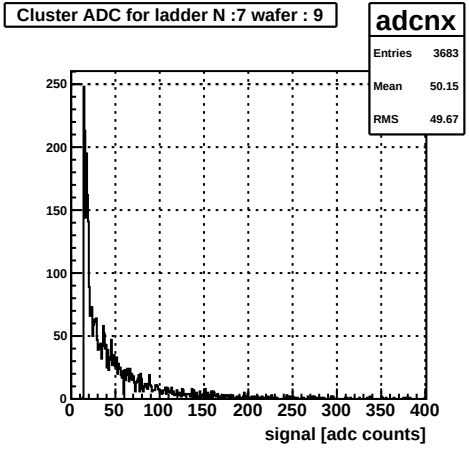

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3191
Mean 51.1
RMS 49.21
signal [adc counts]

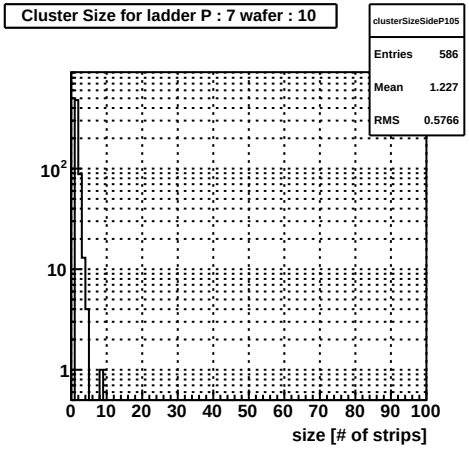

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10143
Mean 1.165
RMS 0.4442
size [# of strips]

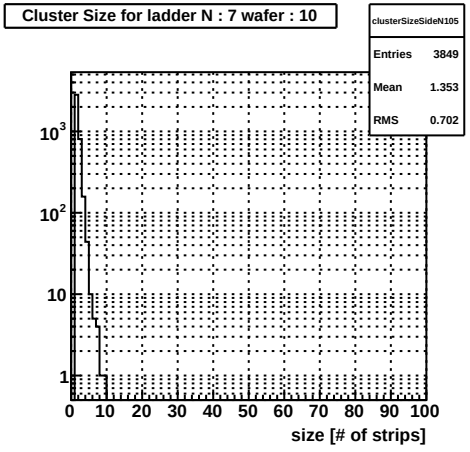

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3683
Mean 1.295
RMS 0.6495
size [# of strips]

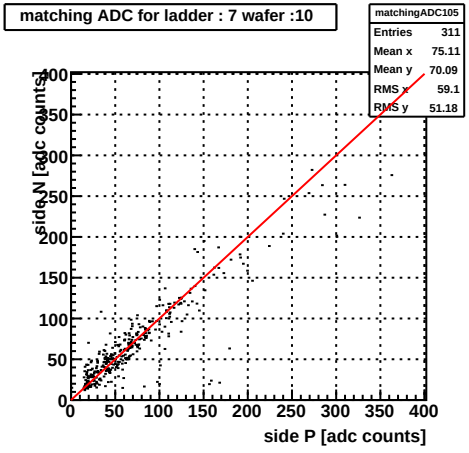

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1738
Mean x 74.17
Mean y 68.9
RMS x 61.13
RMS y 53.73
side N [adc counts]
side P [adc counts]

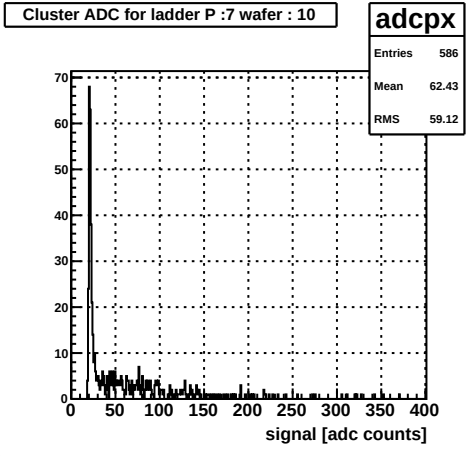

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10143
Mean 34.92
RMS 34.42
signal [adc counts]

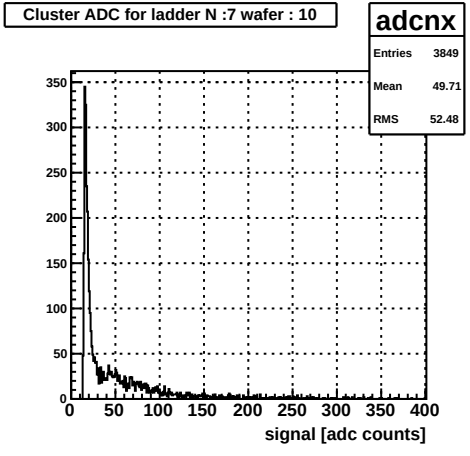

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3683
Mean 50.15
RMS 49.67
signal [adc counts]

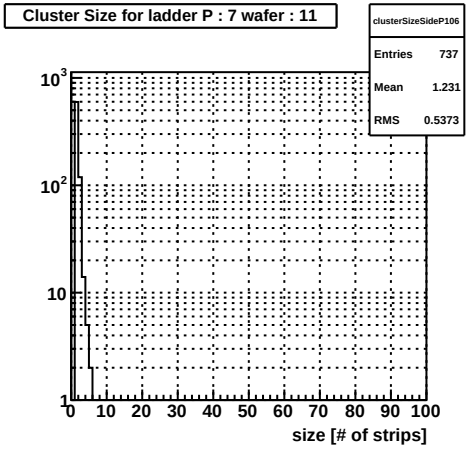

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 586
Mean 1.227
RMS 0.5766
size [# of strips]

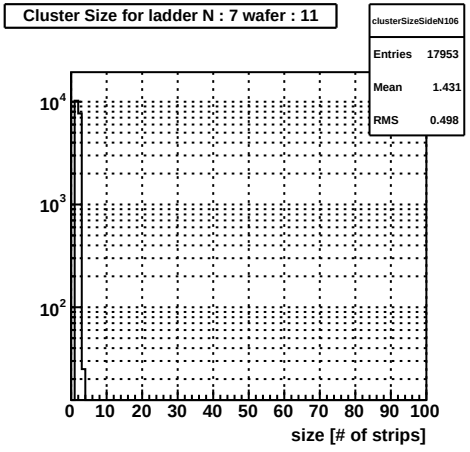

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3849
Mean 1.353
RMS 0.702
size [# of strips]

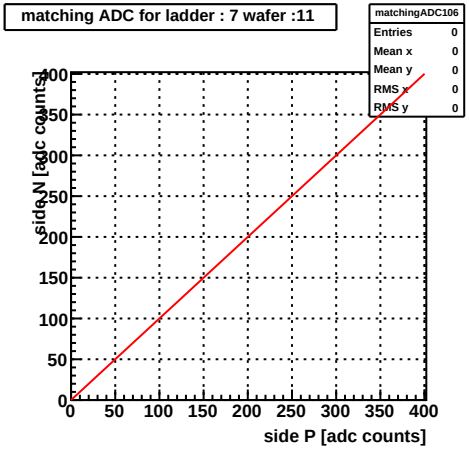

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 311
Mean x 75.11
Mean y 70.09
RMS x 59.1
RMS y 51.18
side N [adc counts]
side P [adc counts]

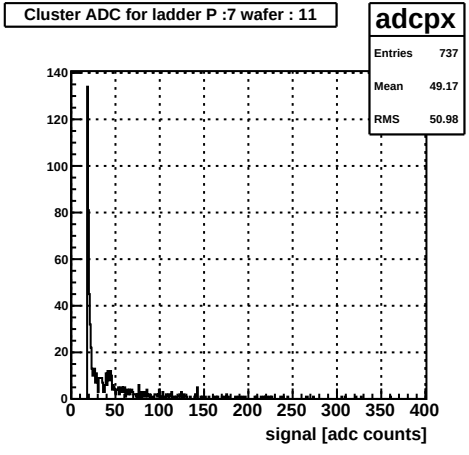

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 586
Mean 62.43
RMS 59.12
signal [adc counts]

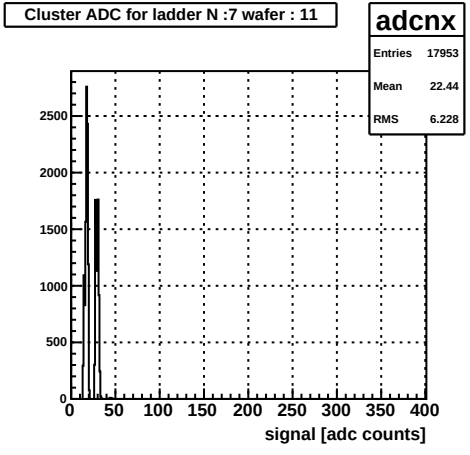

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3849
Mean 49.71
RMS 52.48
signal [adc counts]

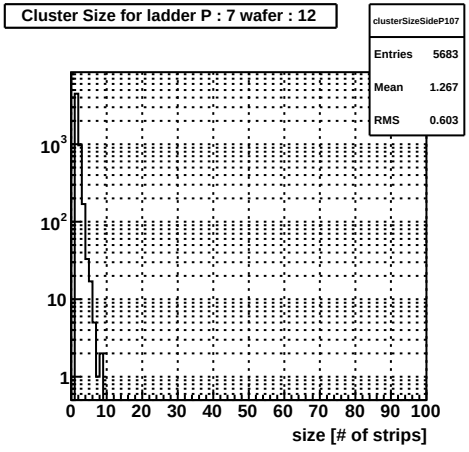

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 737
Mean 1.231
RMS 0.5373
size [# of strips]

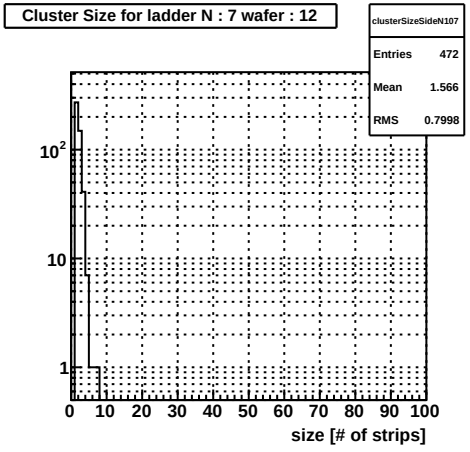

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 17953
Mean 1.431
RMS 0.498
size [# of strips]

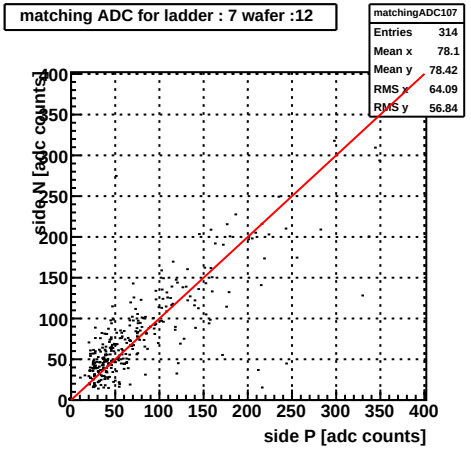

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

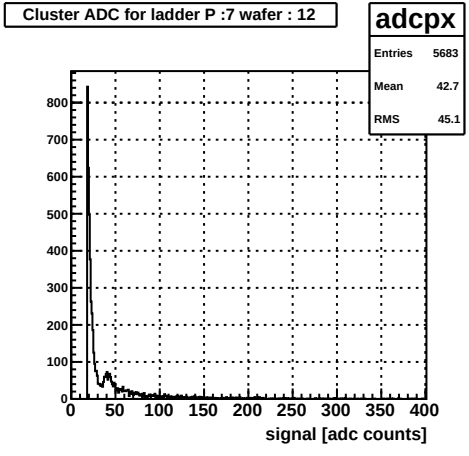

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 737
Mean 49.17
RMS 50.98
signal [adc counts]

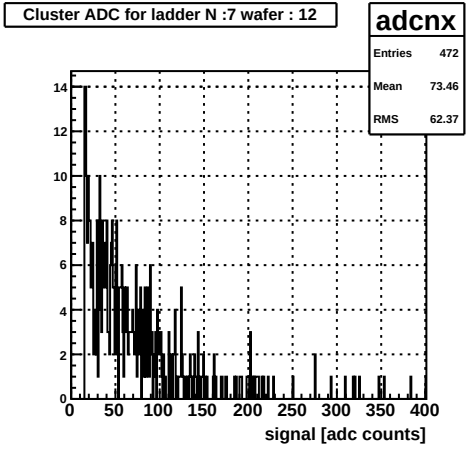

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 17953
Mean 22.44
RMS 6.228
signal [adc counts]

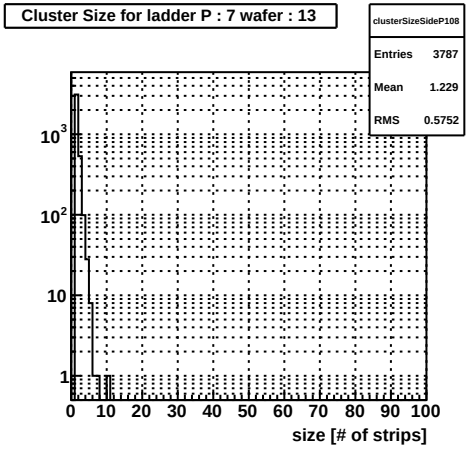

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5683
Mean 1.267
RMS 0.603
size [# of strips]

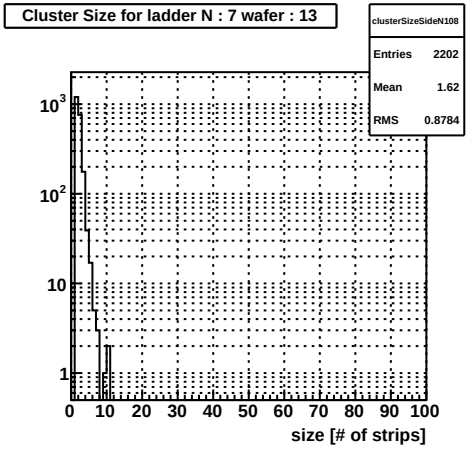

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 472
Mean 1.566
RMS 0.7998
size [# of strips]

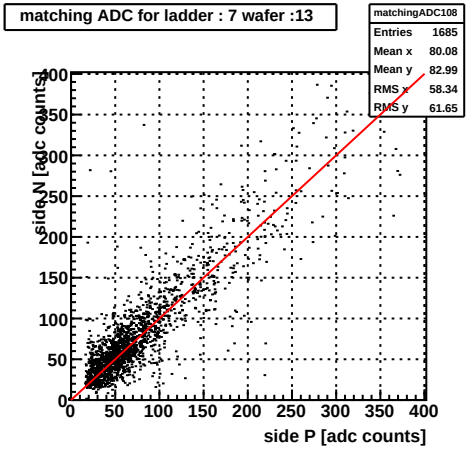

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 314
Mean x 78.1
Mean y 78.42
RMS x 64.09
RMS y 56.84
side N [adc counts]
side P [adc counts]

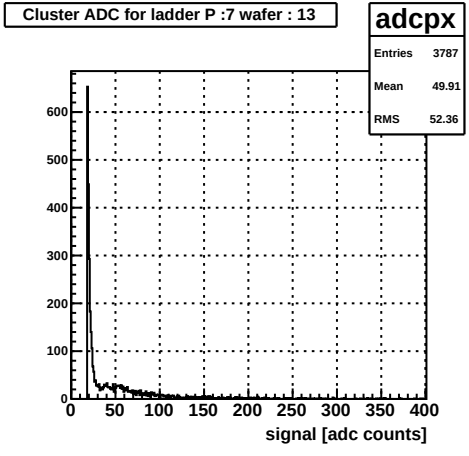

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5683
Mean 42.7
RMS 45.1
signal [adc counts]

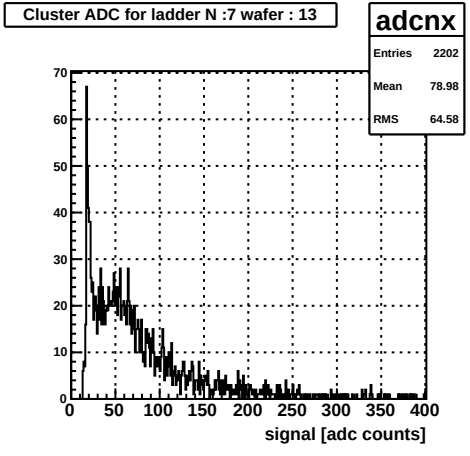

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 472
Mean 73.46
RMS 62.37
signal [adc counts]

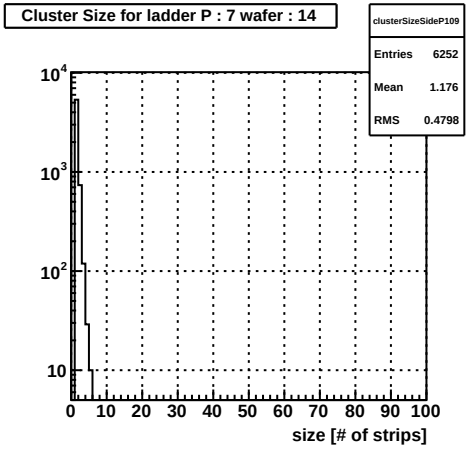

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3787
Mean 1.229
RMS 0.5752
size [# of strips]

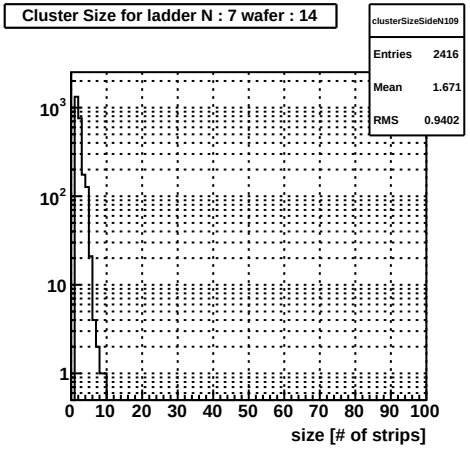

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2202
Mean 1.62
RMS 0.8784
size [# of strips]

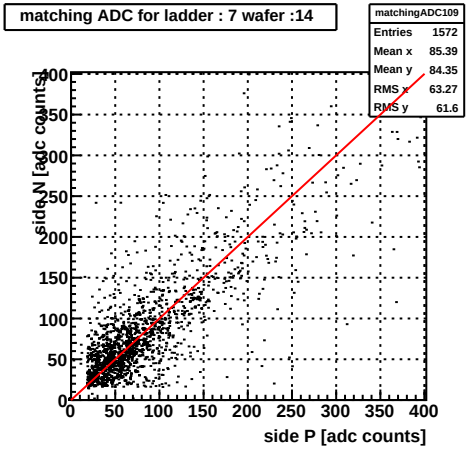

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1685
Mean x 80.08
Mean y 82.99
RMS x 58.34
RMS y 61.65
side N [adc counts]
side P [adc counts]

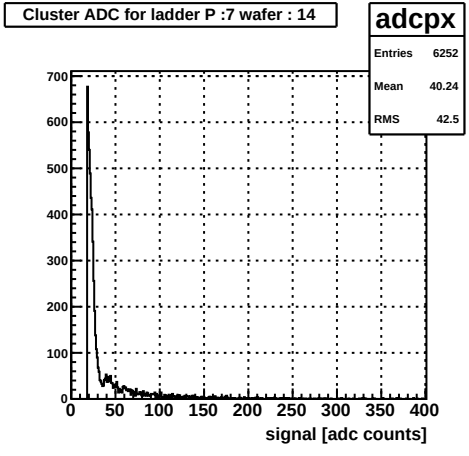

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3787
Mean 49.91
RMS 52.36
signal [adc counts]

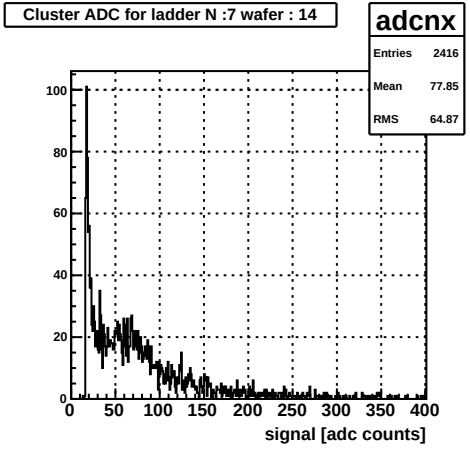

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2202
Mean 78.98
RMS 64.58
signal [adc counts]

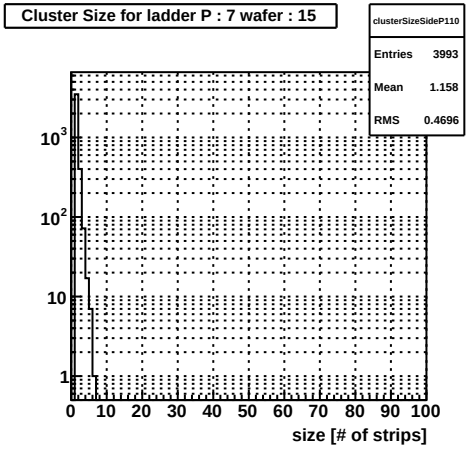

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6252
Mean 1.176
RMS 0.4798
size [# of strips]

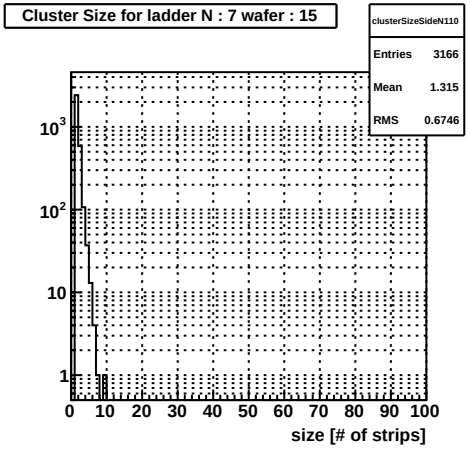

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2416
Mean 1.671
RMS 0.9402
size [# of strips]

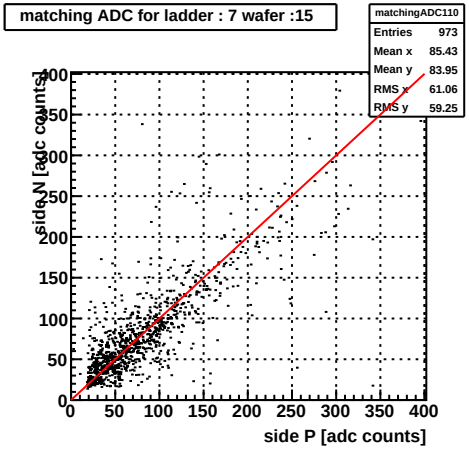

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1572
Mean x 85.39
Mean y 84.35
RMS x 63.27
RMS y 61.6
side N [adc counts]
side P [adc counts]

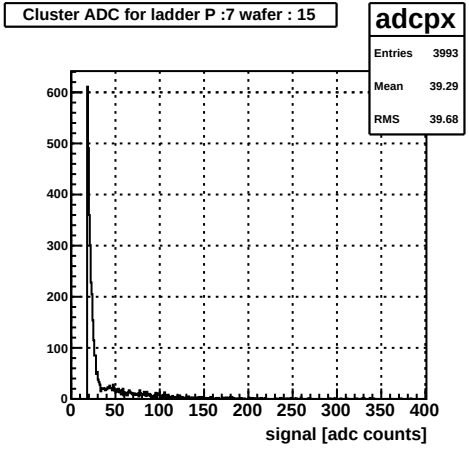

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6252
Mean 40.24
RMS 42.5
signal [adc counts]

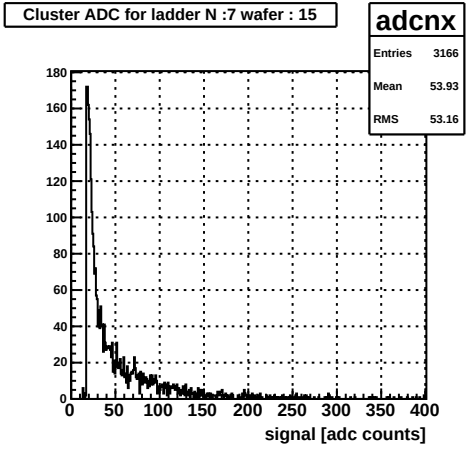

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2416
Mean 77.85
RMS 64.87
signal [adc counts]

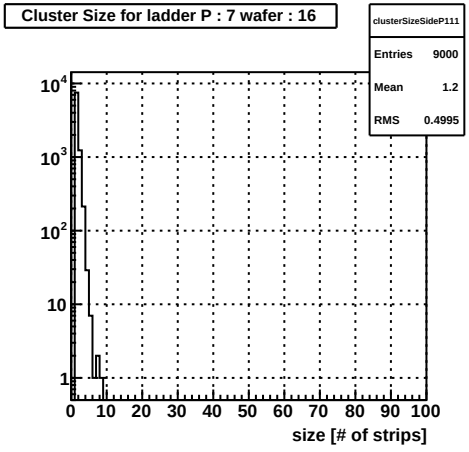

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3993
Mean 1.158
RMS 0.4696
size [# of strips]

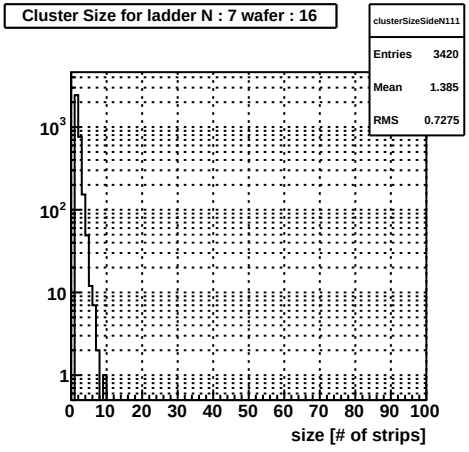

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3166
Mean 1.315
RMS 0.6746
size [# of strips]

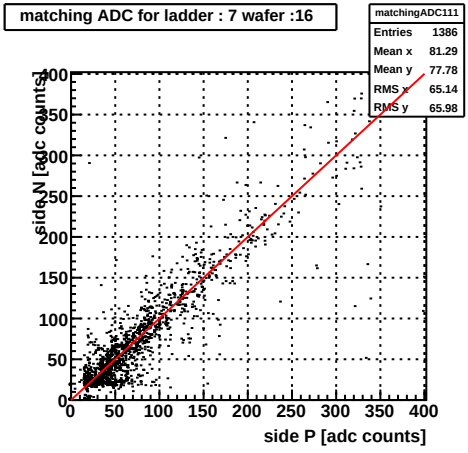

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 973
Mean x 85.43
Mean y 83.95
RMS x 61.06
RMS y 59.25
side N [adc counts]
side P [adc counts]

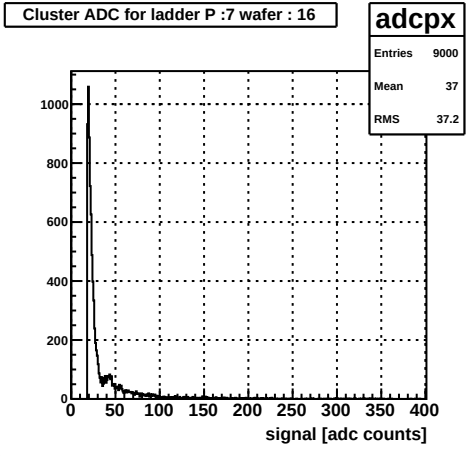

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3993
Mean 39.29
RMS 39.68
signal [adc counts]

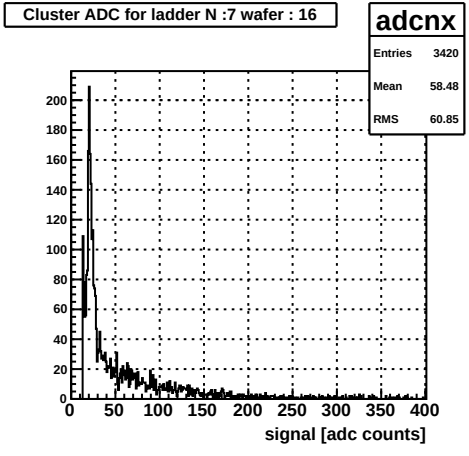

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3166
Mean 53.93
RMS 53.16
signal [adc counts]

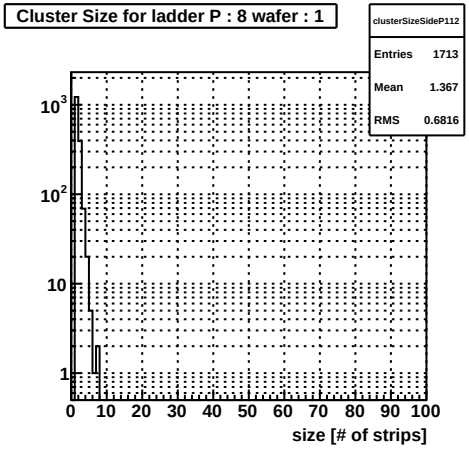

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9000
Mean 1.2
RMS 0.4995
size [# of strips]

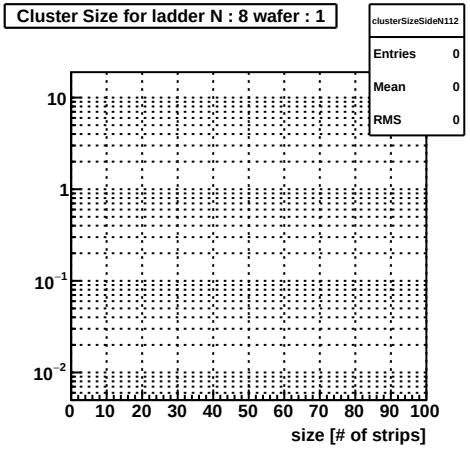

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3420
Mean 1.385
RMS 0.7275
size [# of strips]

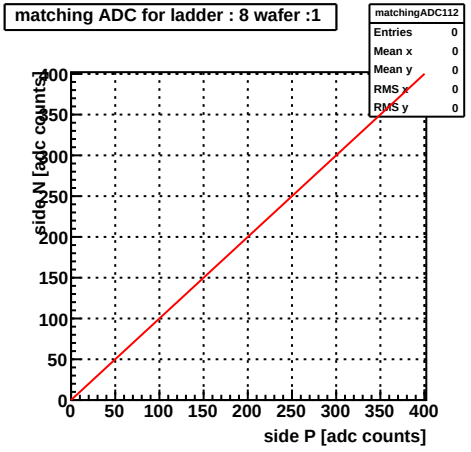

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1386
Mean x 81.29
Mean y 77.78
RMS x 65.14
RMS y 65.98
side N [adc counts]
side P [adc counts]

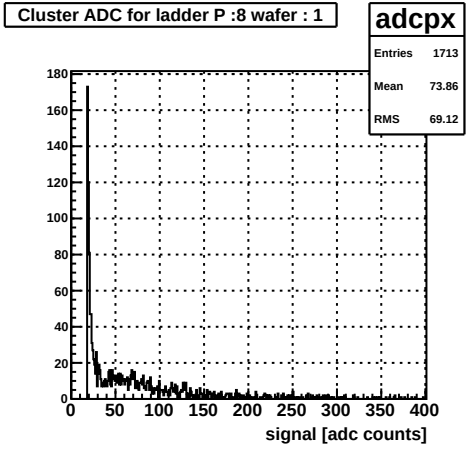

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9000
Mean 37
RMS 37.2
signal [adc counts]

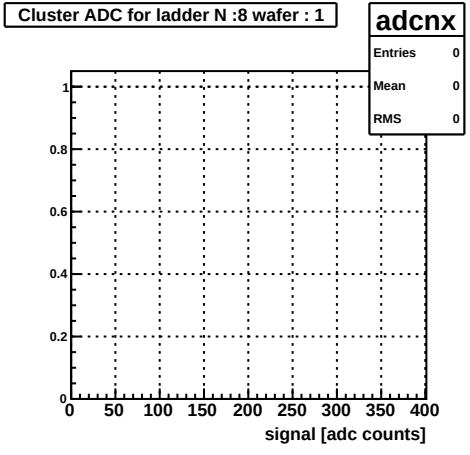

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3420
Mean 58.48
RMS 60.85
signal [adc counts]

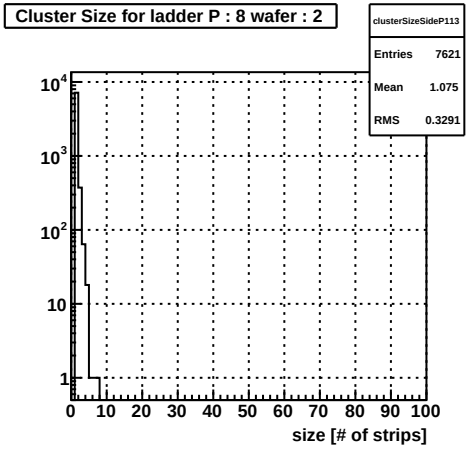

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1713
Mean 1.367
RMS 0.6816
size [# of strips]

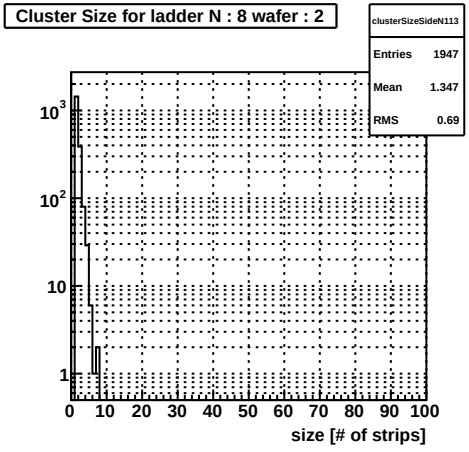

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

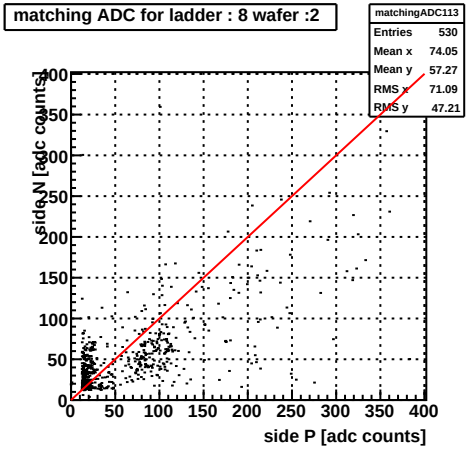

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

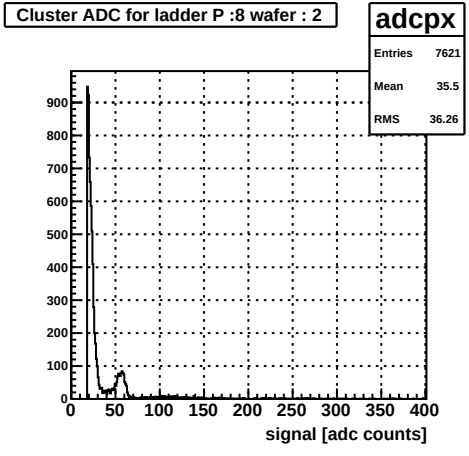

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1713
Mean 73.86
RMS 69.12
signal [adc counts]

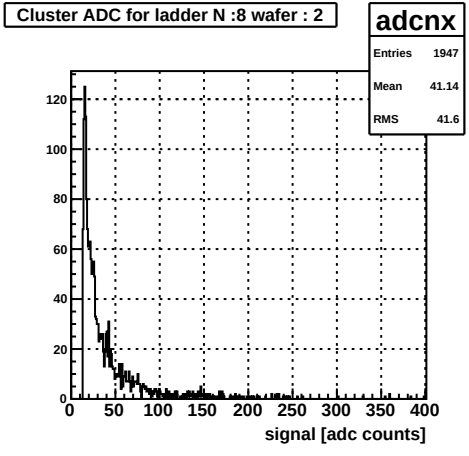

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

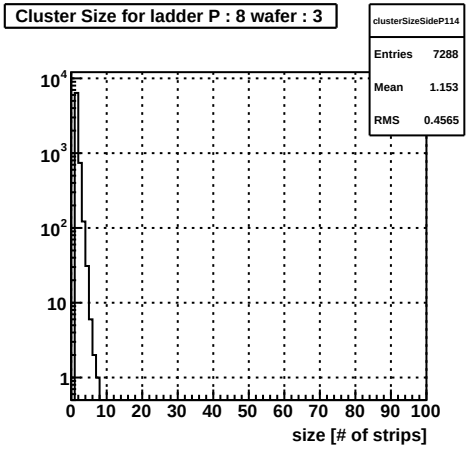

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7621
Mean 1.075
RMS 0.3291
size [# of strips]

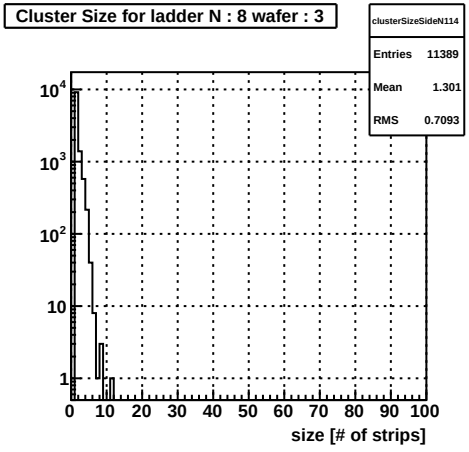

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1947
Mean 1.347
RMS 0.69
size [# of strips]

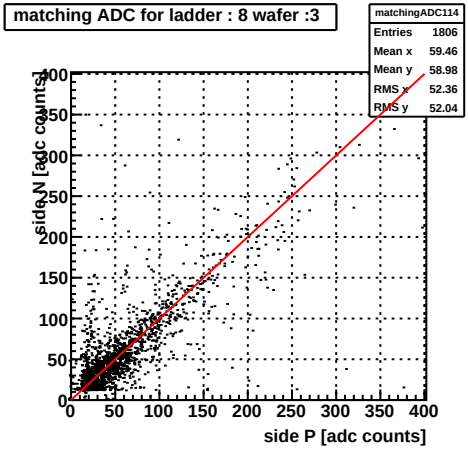

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 530
Mean x 74.05
Mean y 57.27
RMS x 71.09
RMS y 47.21
side N [adc counts]
side P [adc counts]

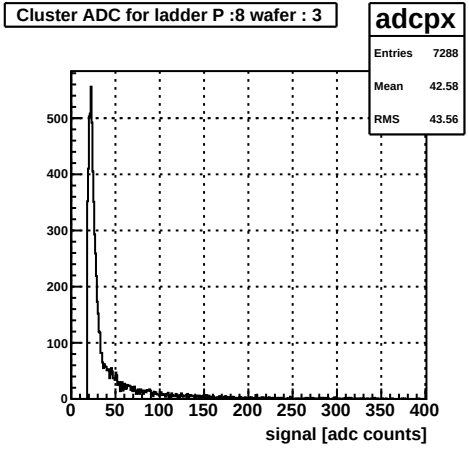

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7621
Mean 35.5
RMS 36.26
signal [adc counts]

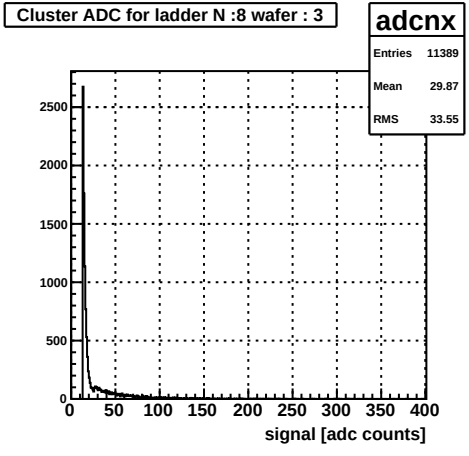

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1947
Mean 41.14
RMS 41.6
signal [adc counts]

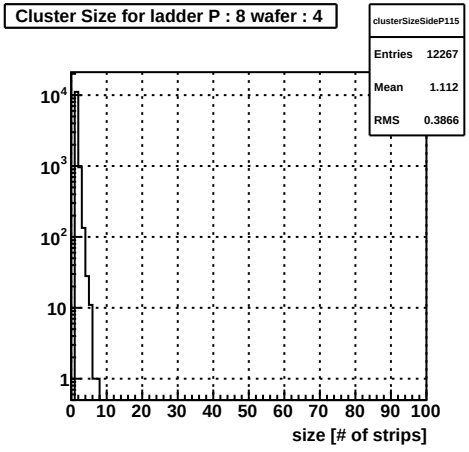

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7288
Mean 1.153
RMS 0.4565
size [# of strips]

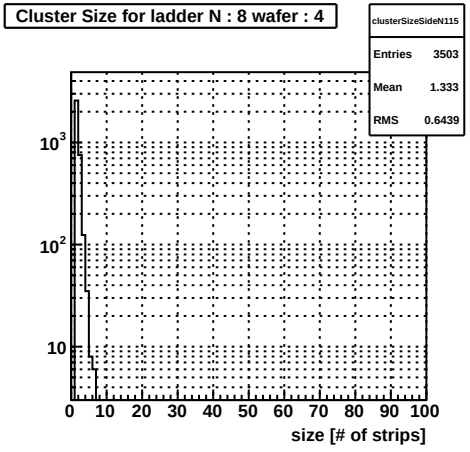

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11389
Mean 1.301
RMS 0.7093
size [# of strips]

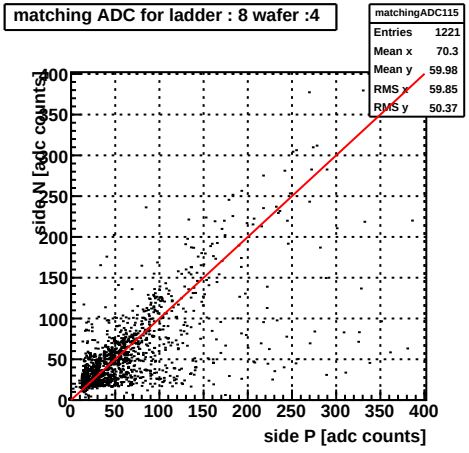

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1806
Mean x 59.46
Mean y 58.98
RMS x 52.36
RMS y 52.04
side N [adc counts]
side P [adc counts]

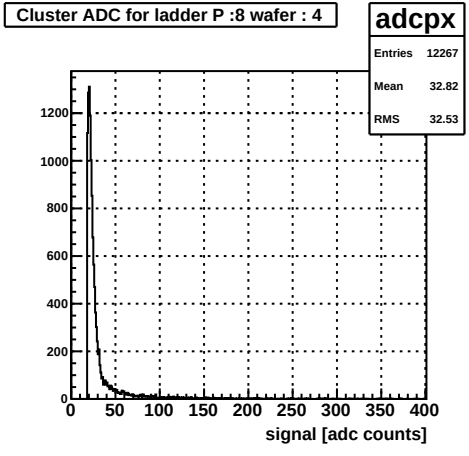

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7288
Mean 42.58
RMS 43.56
signal [adc counts]

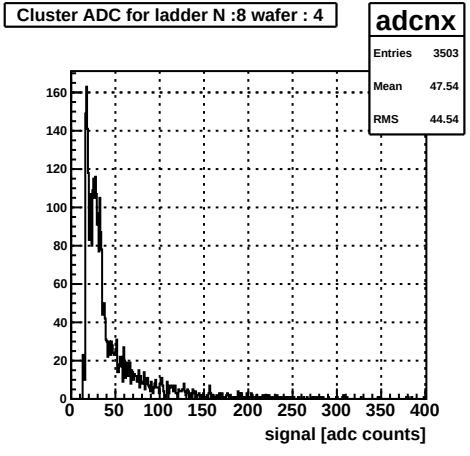

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11389
Mean 29.87
RMS 33.55
signal [adc counts]

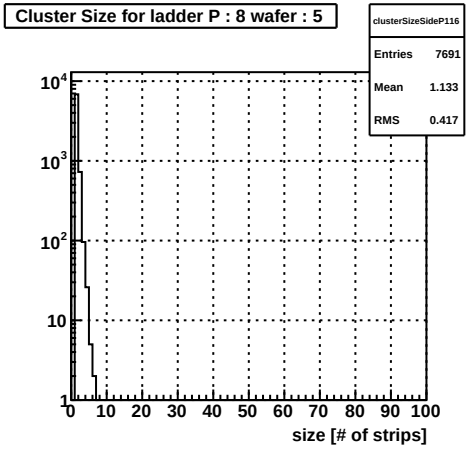

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12267
Mean 1.112
RMS 0.3866
size [# of strips]

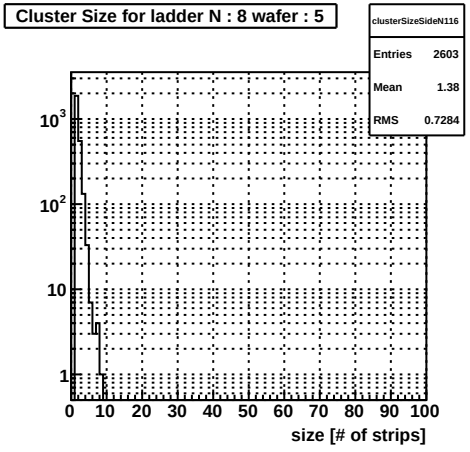

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3503
Mean 1.333
RMS 0.6439
size [# of strips]

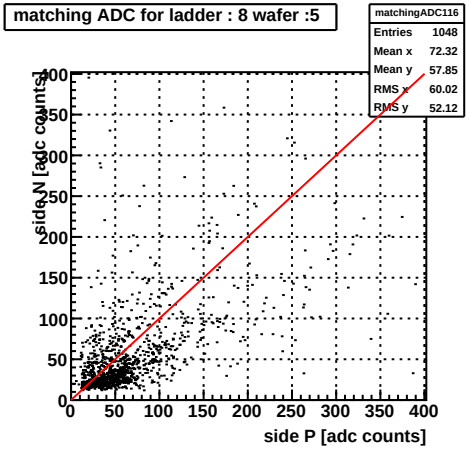

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1221
Mean x 70.3
Mean y 59.98
RMS x 59.85
RMS y 50.37
side N [adc counts]
side P [adc counts]

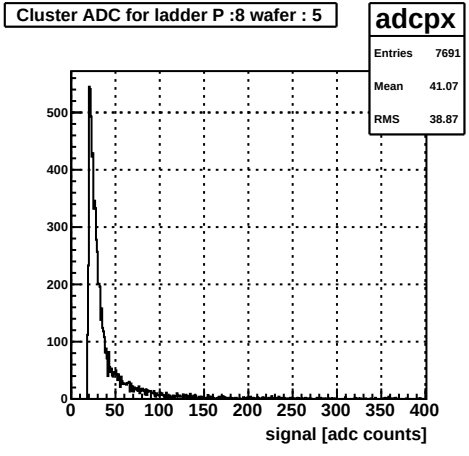

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12267
Mean 32.82
RMS 32.53
signal [adc counts]

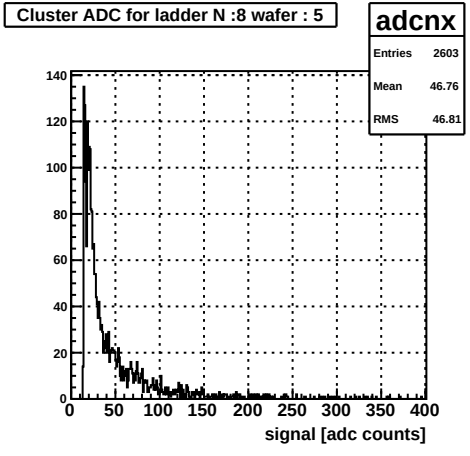

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3503
Mean 47.54
RMS 44.54
signal [adc counts]

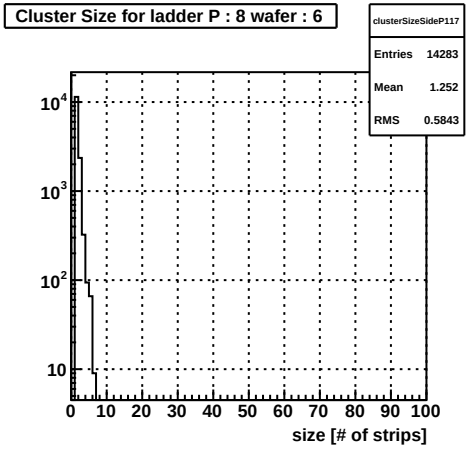

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7691
Mean 1.133
RMS 0.417
size [# of strips]

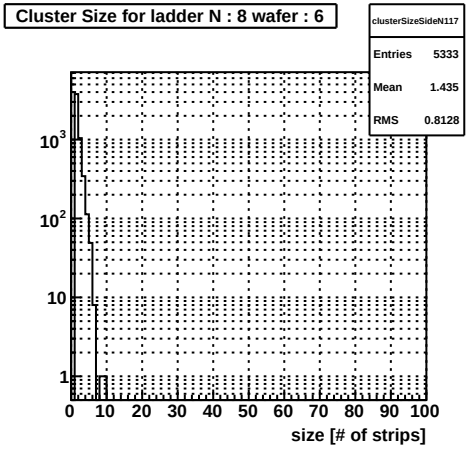

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2603
Mean 1.38
RMS 0.7284
size [# of strips]

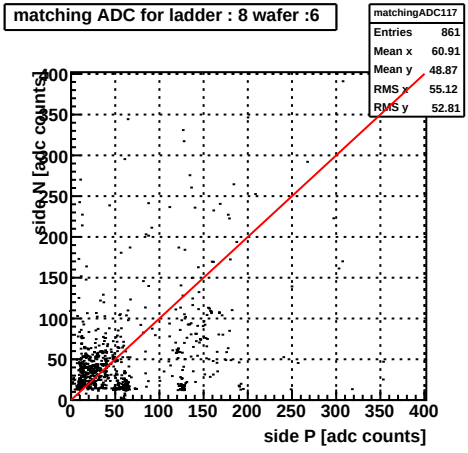

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1048
Mean x 72.32
Mean y 57.85
RMS x 60.02
RMS y 52.12
side N [adc counts]
side P [adc counts]

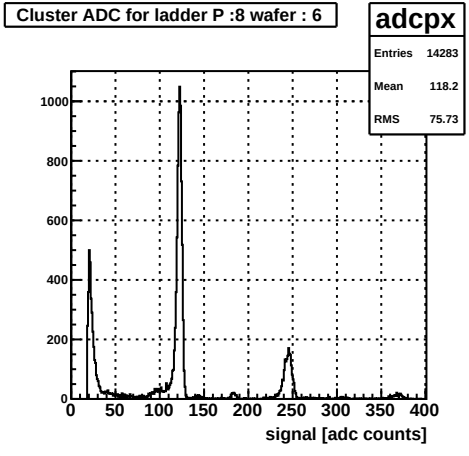

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7691
Mean 41.07
RMS 38.87
signal [adc counts]

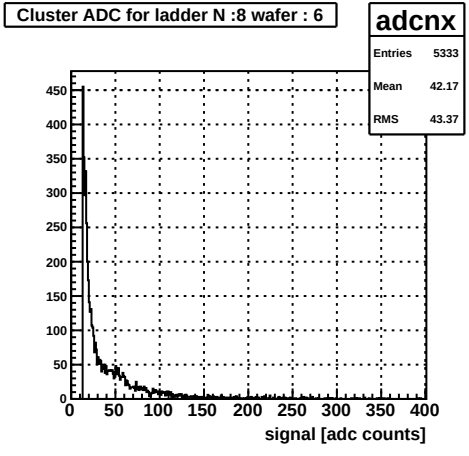

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2603
Mean 46.76
RMS 46.81
signal [adc counts]

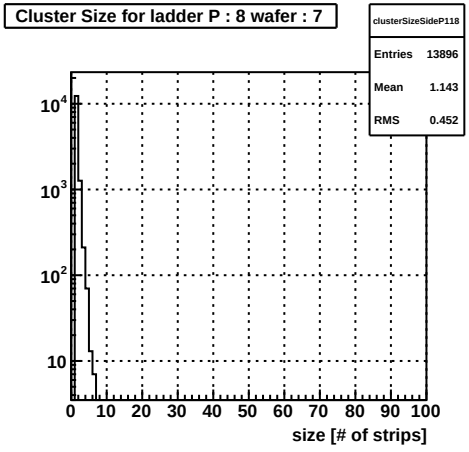

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14283
Mean 1.252
RMS 0.5843
size [# of strips]

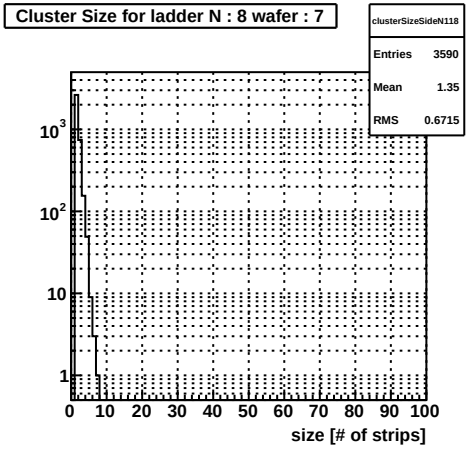

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5333
Mean 1.435
RMS 0.8128
size [# of strips]

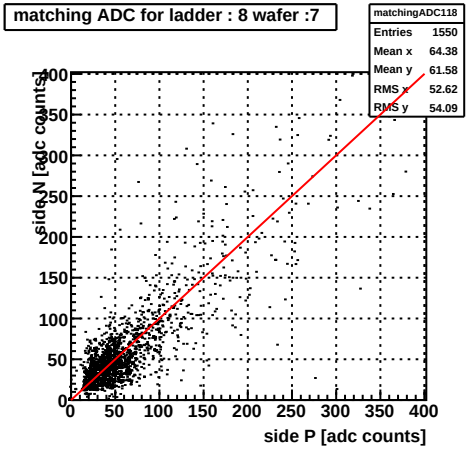

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 861
Mean x 60.91
Mean y 48.87
RMS x 55.12
RMS y 52.81
side N [adc counts]
side P [adc counts]

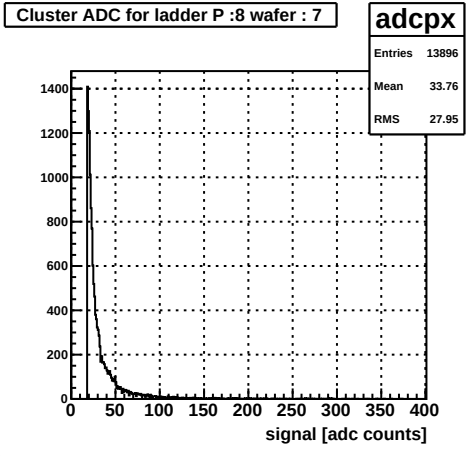

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14283
Mean 118.2
RMS 75.73
signal [adc counts]

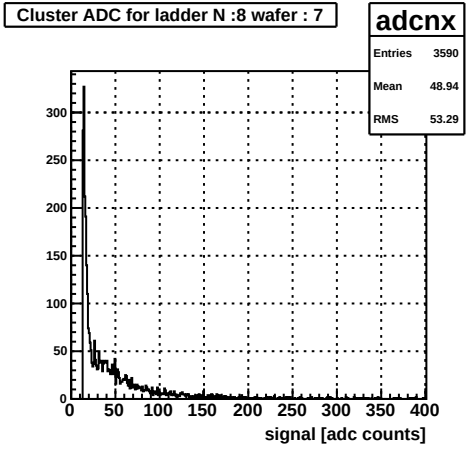

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5333
Mean 42.17
RMS 43.37
signal [adc counts]

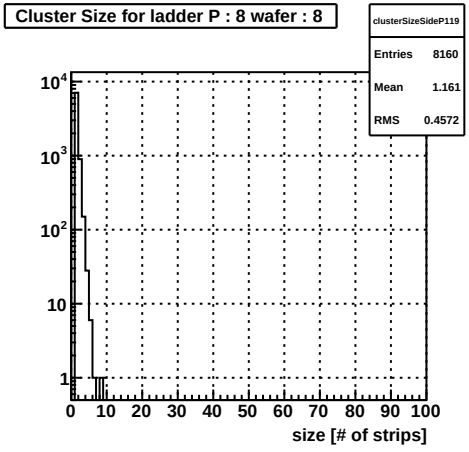

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13896
Mean 1.143
RMS 0.452
size [# of strips]

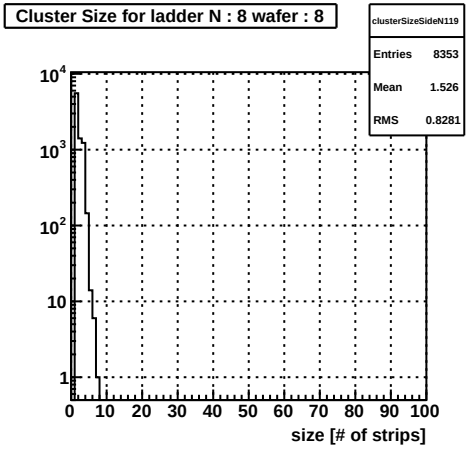

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3590
Mean 1.35
RMS 0.6715
size [# of strips]

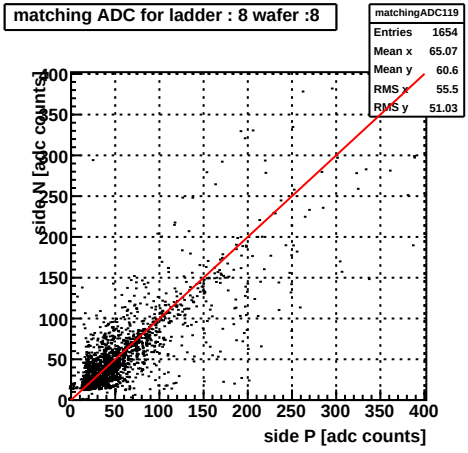

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1550
Mean x 64.38
Mean y 61.58
RMS x 52.62
RMS y 54.09
side N [adc counts]
side P [adc counts]

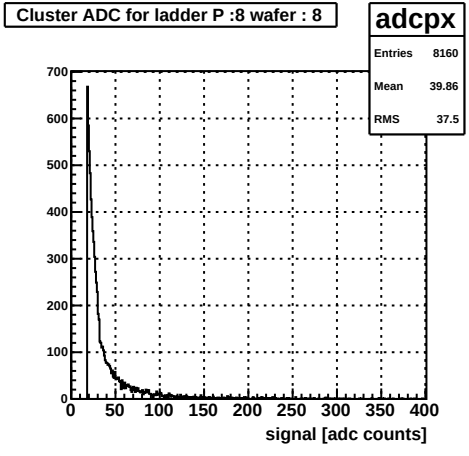

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13896
Mean 33.76
RMS 27.95
signal [adc counts]

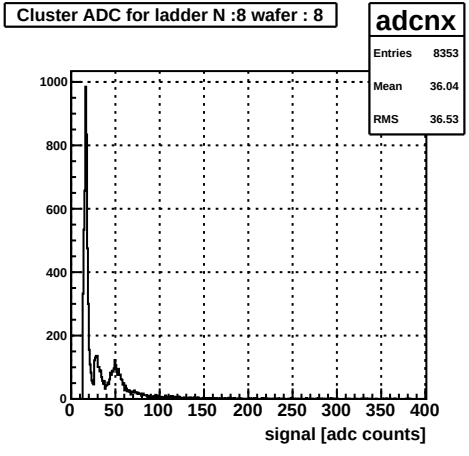

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3590
Mean 48.94
RMS 53.29
signal [adc counts]

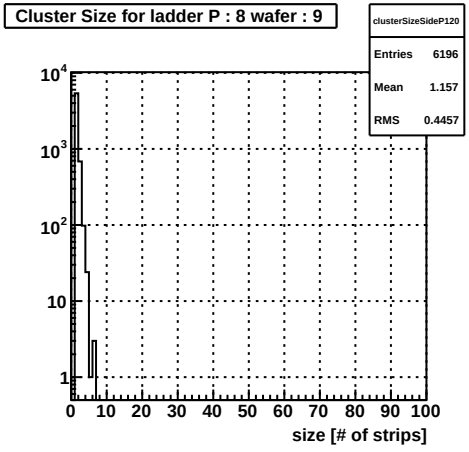

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8160
Mean 1.161
RMS 0.4572
size [# of strips]

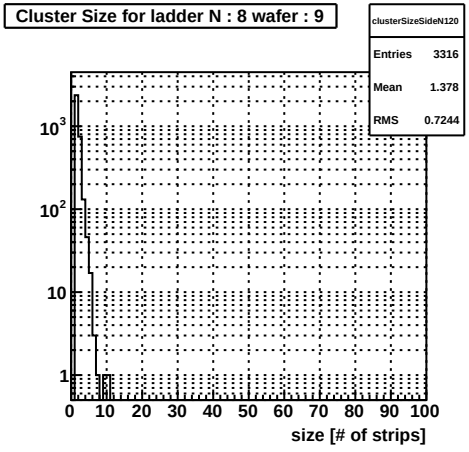

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8353
Mean 1.526
RMS 0.8281
size [# of strips]

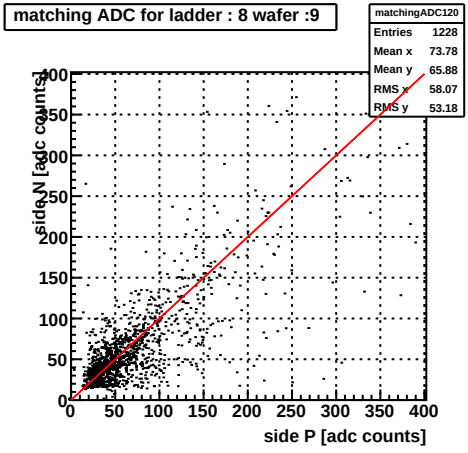

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1654
Mean x 65.07
Mean y 60.6
RMS x 55.5
RMS y 51.03
side N [adc counts]
side P [adc counts]

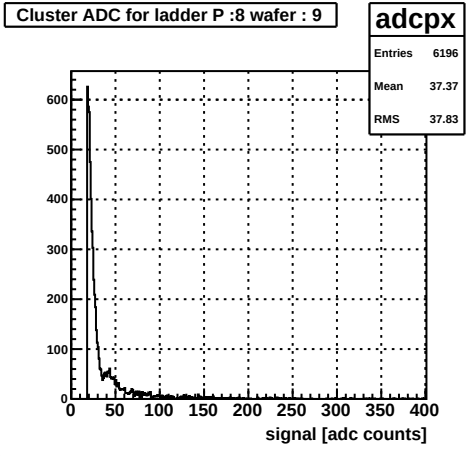

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8160
Mean 39.86
RMS 37.5
signal [adc counts]

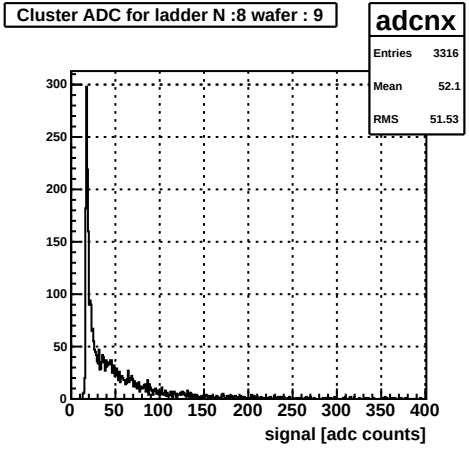

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8353
Mean 36.04
RMS 36.53
signal [adc counts]

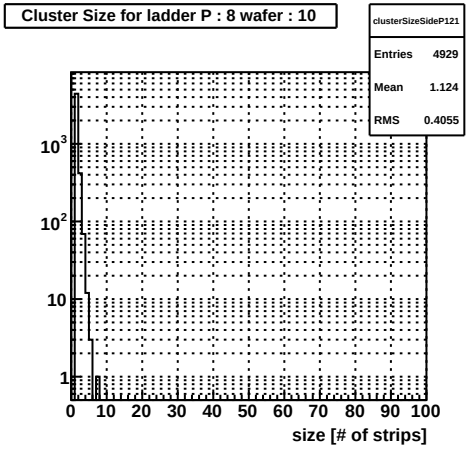

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6196
Mean 1.157
RMS 0.4457
size [# of strips]

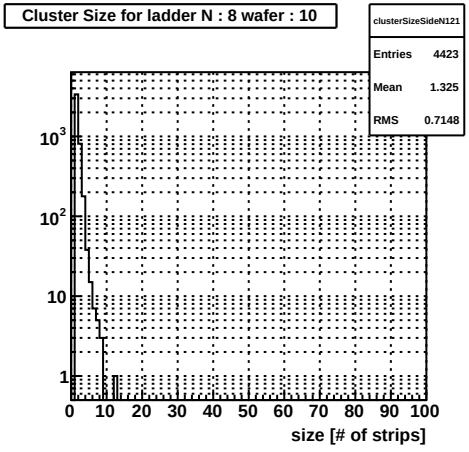

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3316
Mean 1.378
RMS 0.7244
size [# of strips]

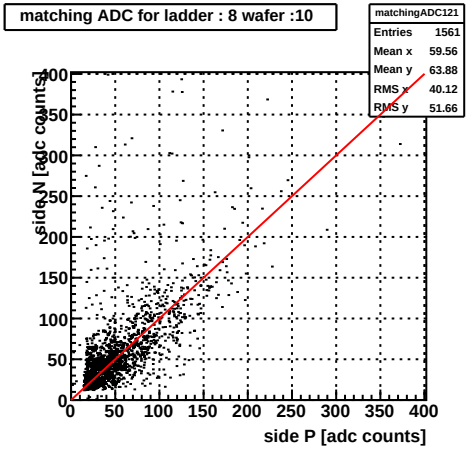

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1228
Mean x 73.78
Mean y 65.88
RMS x 58.07
RMS y 53.18
side N [adc counts]
side P [adc counts]

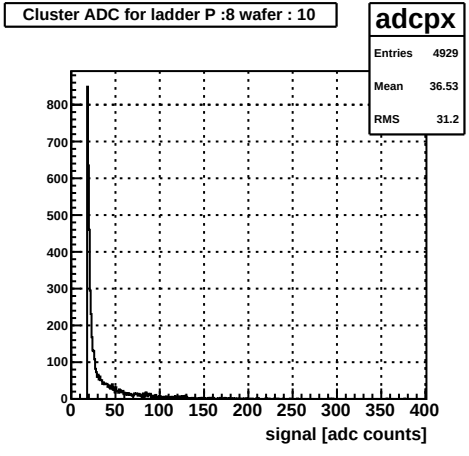

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6196
Mean 37.37
RMS 37.83
signal [adc counts]

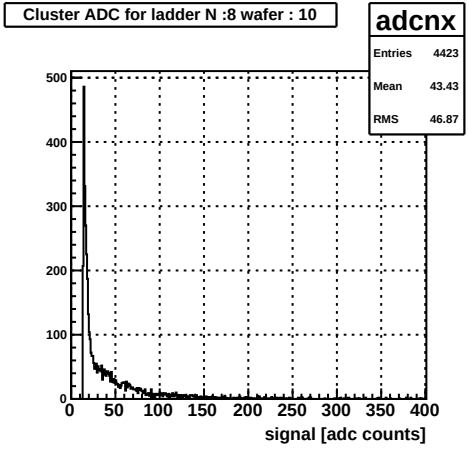

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3316
Mean 52.1
RMS 51.53
signal [adc counts]

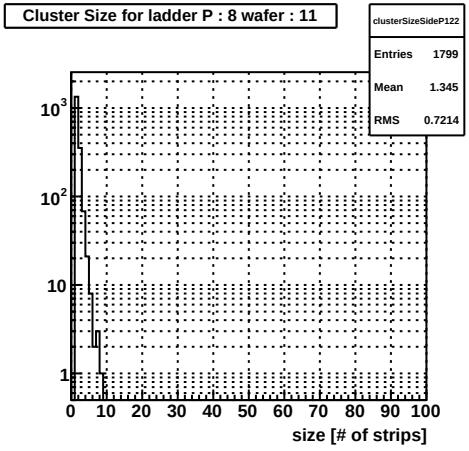

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4929
Mean 1.124
RMS 0.4055
size [# of strips]

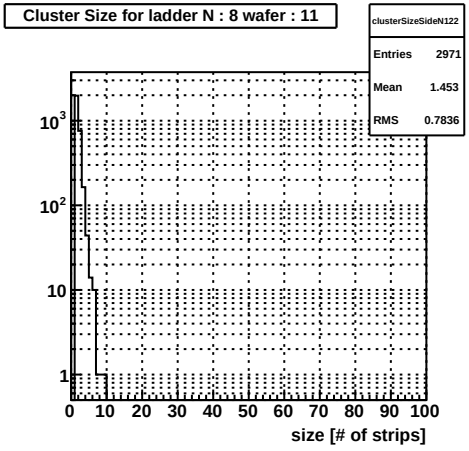

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4423
Mean 1.325
RMS 0.7148
size [# of strips]

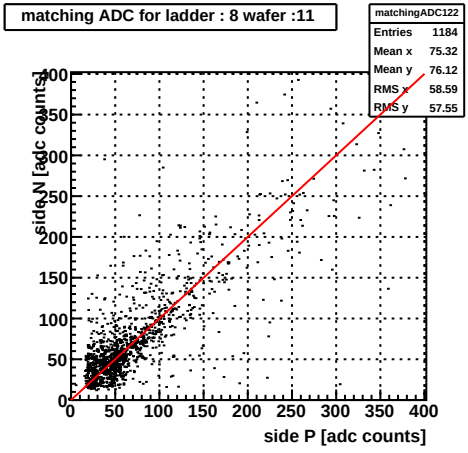

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1561
Mean x 59.56
Mean y 63.88
RMS x 40.12
RMS y 51.66
side N [adc counts]
side P [adc counts]

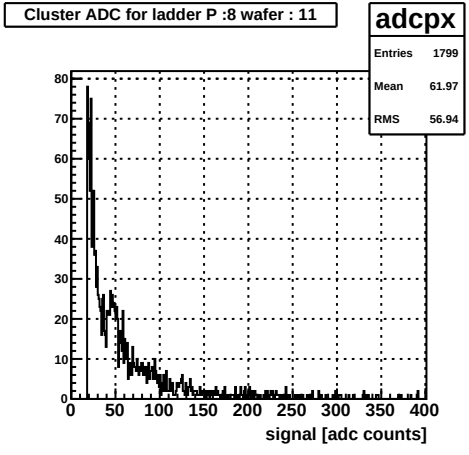

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4929
Mean 36.53
RMS 31.2
signal [adc counts]

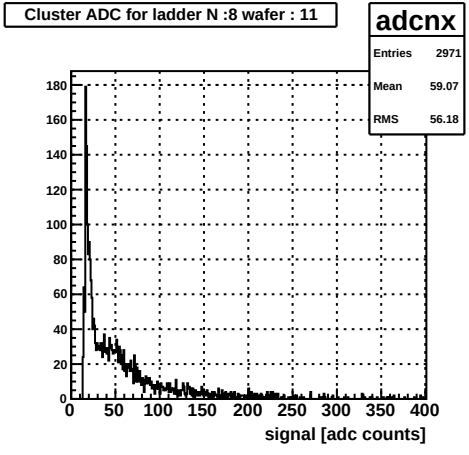

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4423
Mean 43.43
RMS 46.87
signal [adc counts]

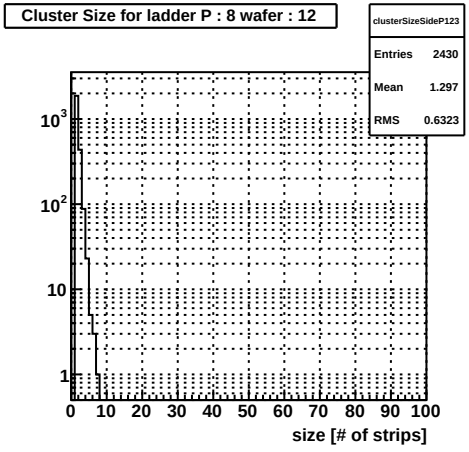

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1799
Mean 1.345
RMS 0.7214
size [# of strips]

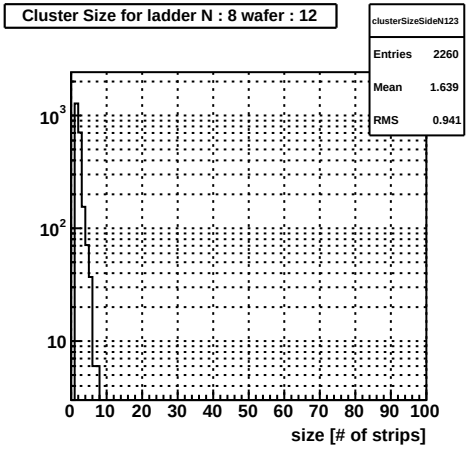

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2971
Mean 1.453
RMS 0.7836
size [# of strips]

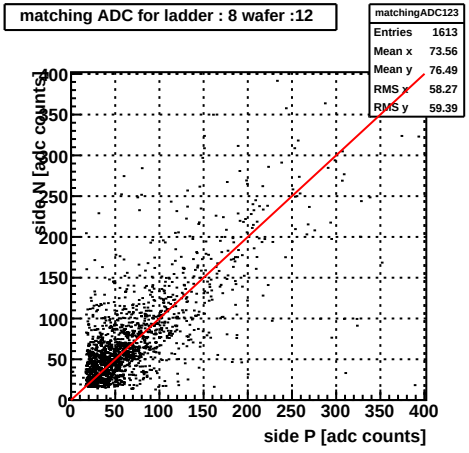

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1184
Mean x 75.32
Mean y 76.12
RMS x 58.59
RMS y 57.55
side N [adc counts]
side P [adc counts]

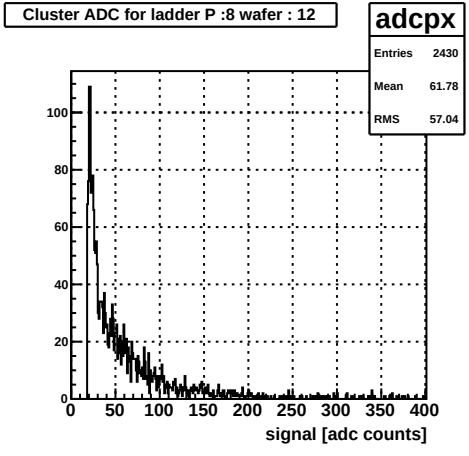

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1799
Mean 61.97
RMS 56.94
signal [adc counts]

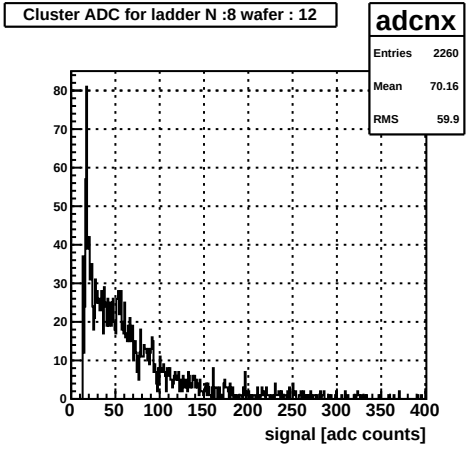

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2971
Mean 59.07
RMS 56.18
signal [adc counts]

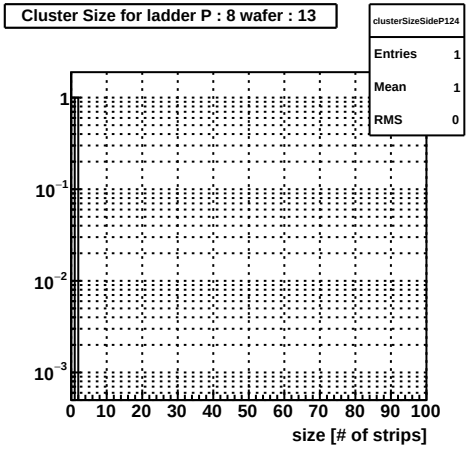

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2430
Mean 1.297
RMS 0.6323
size [# of strips]

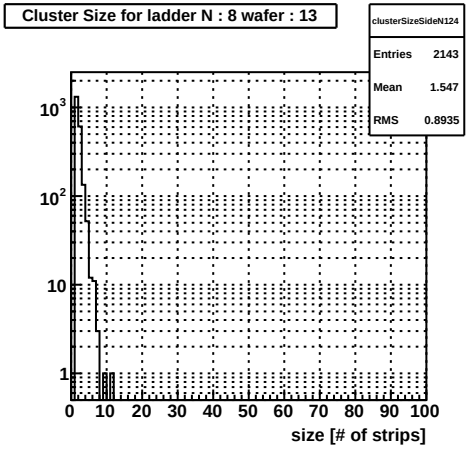

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2260
Mean 1.639
RMS 0.941
size [# of strips]

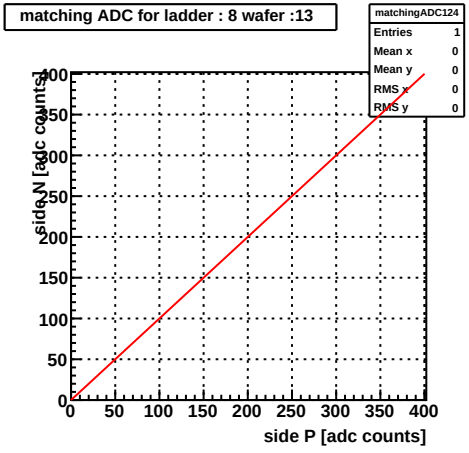

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1613
Mean x 73.56
Mean y 76.49
RMS x 58.27
RMS y 59.39
side N [adc counts]
side P [adc counts]

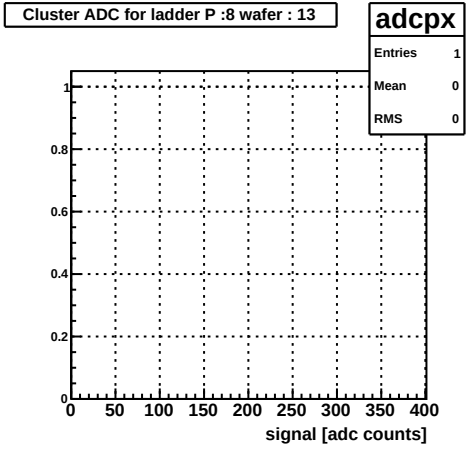

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2430
Mean 61.78
RMS 57.04
signal [adc counts]

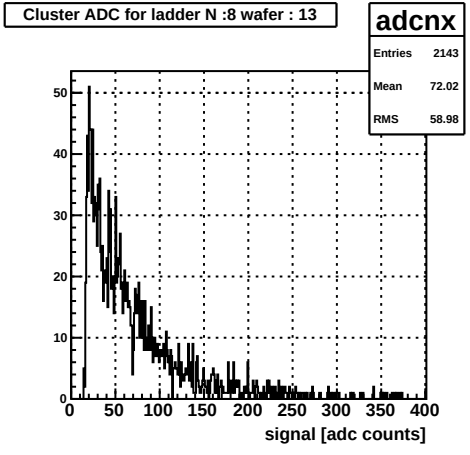

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2260
Mean 70.16
RMS 59.9
signal [adc counts]

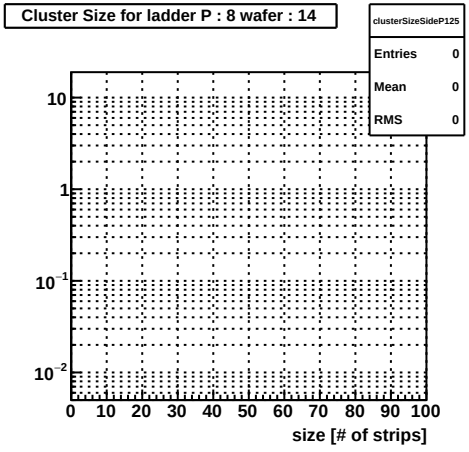

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

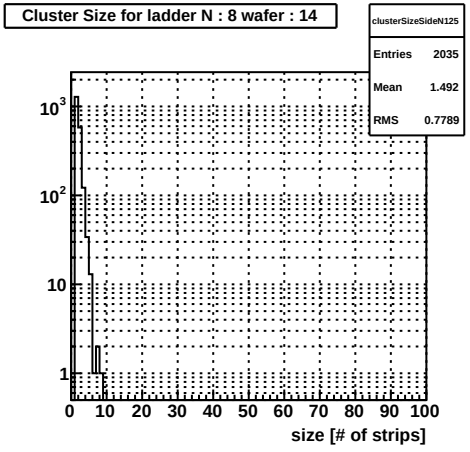

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2143
Mean 1.547
RMS 0.8935
size [# of strips]

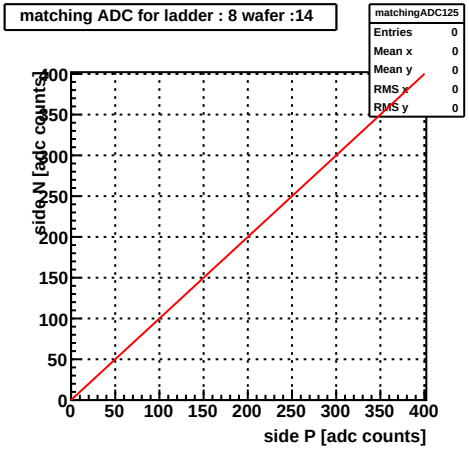

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

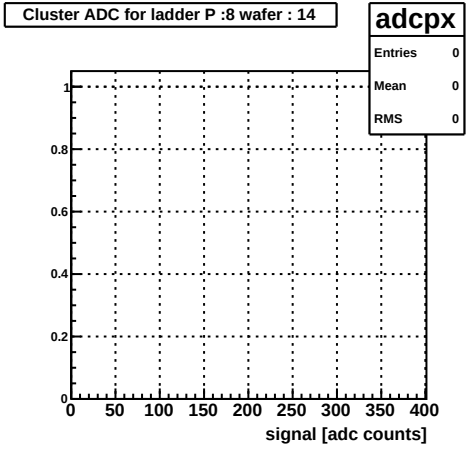

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

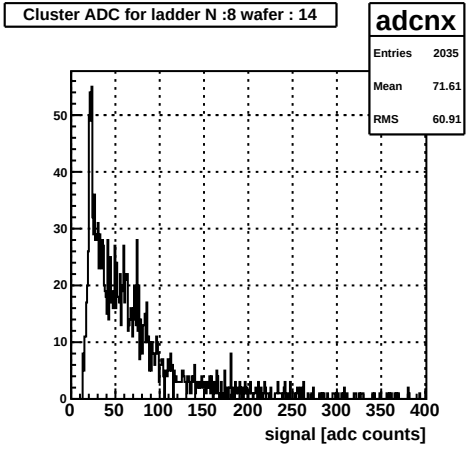

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2143
Mean 72.02
RMS 58.98
signal [adc counts]

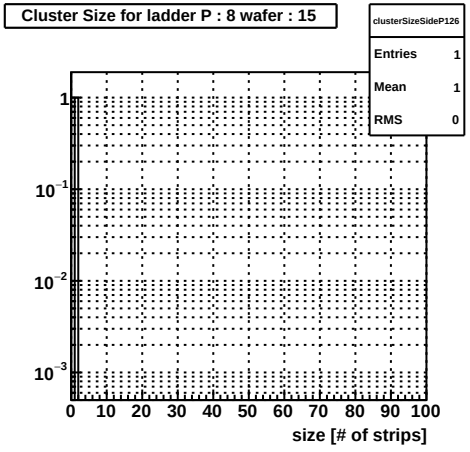

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

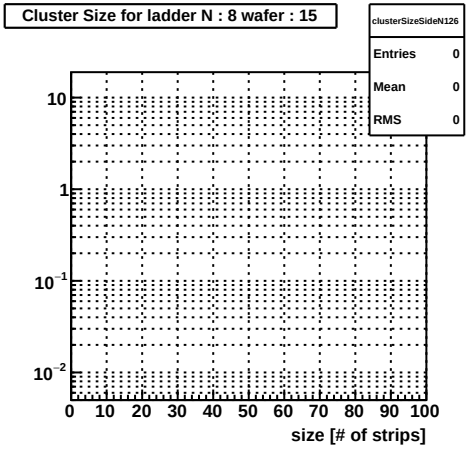

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2035
Mean 1.492
RMS 0.7789
size [# of strips]

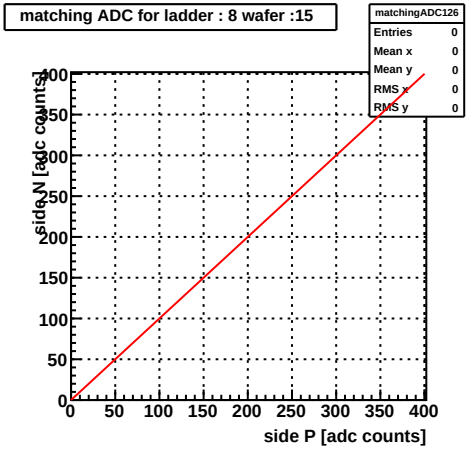

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

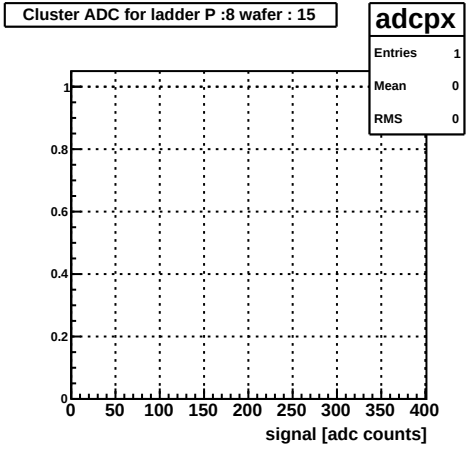

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

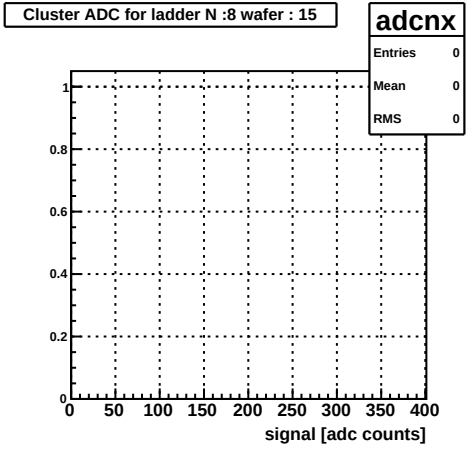

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2035
Mean 71.61
RMS 60.91
signal [adc counts]

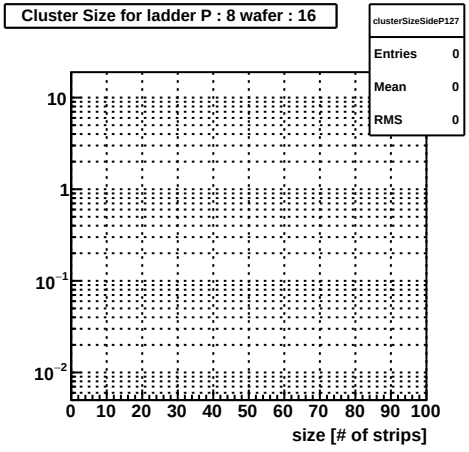

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

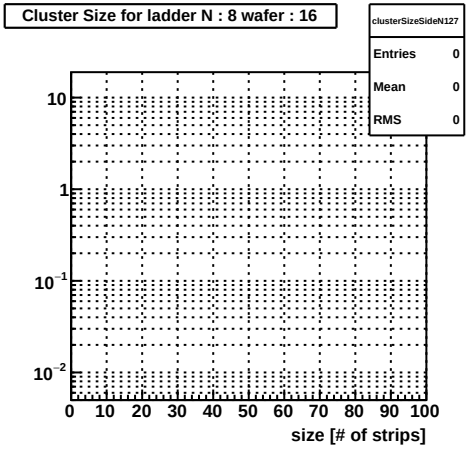

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

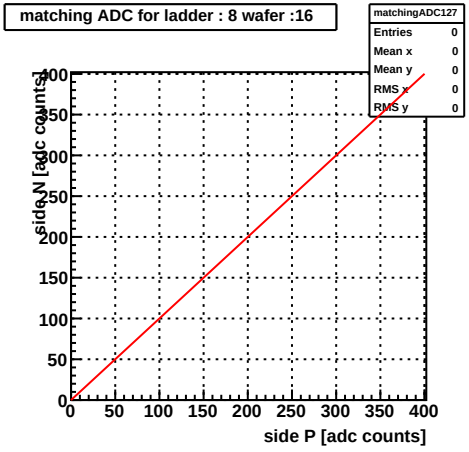

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

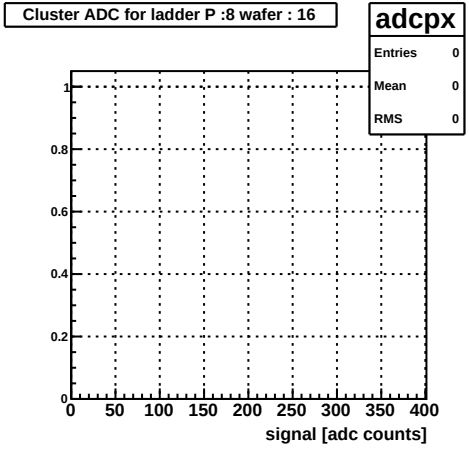

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

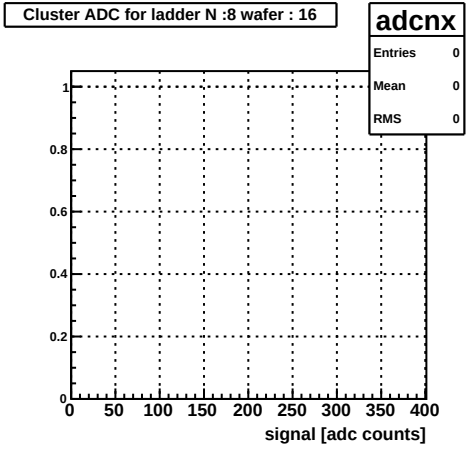

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

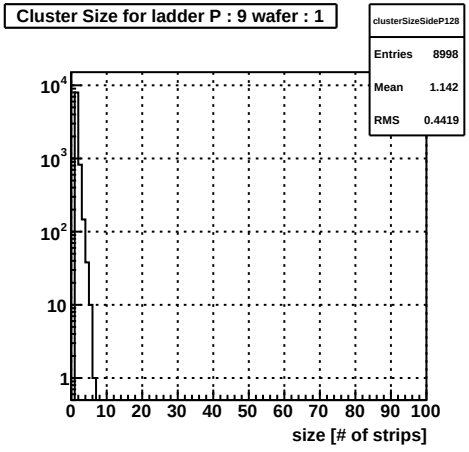

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

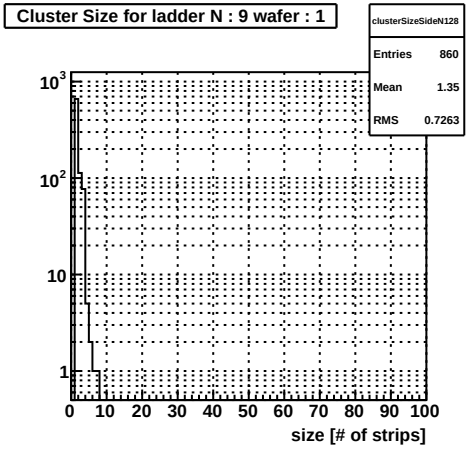

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

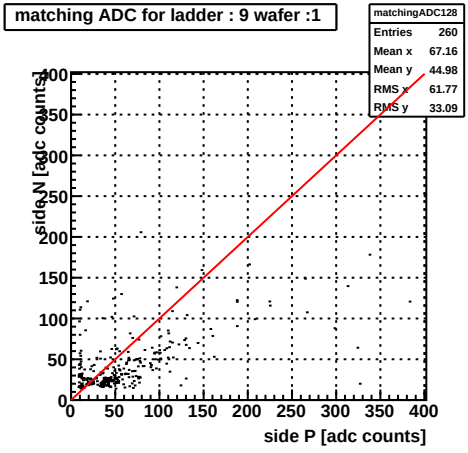

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

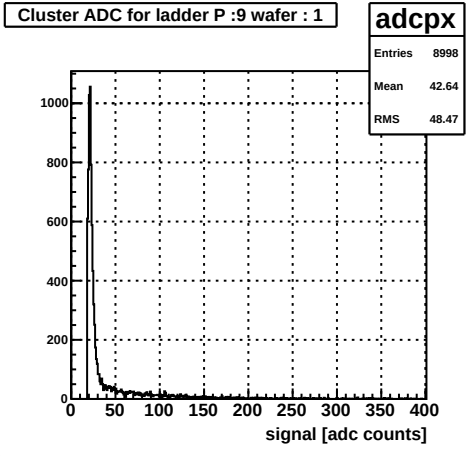

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

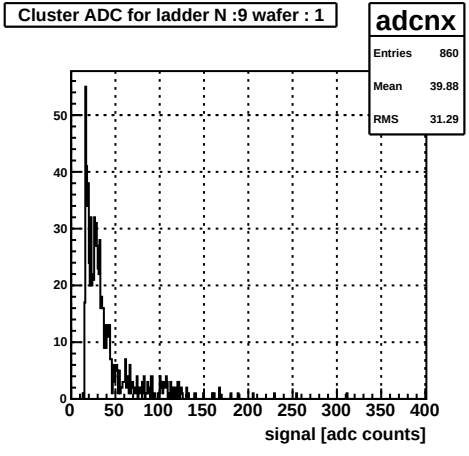

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

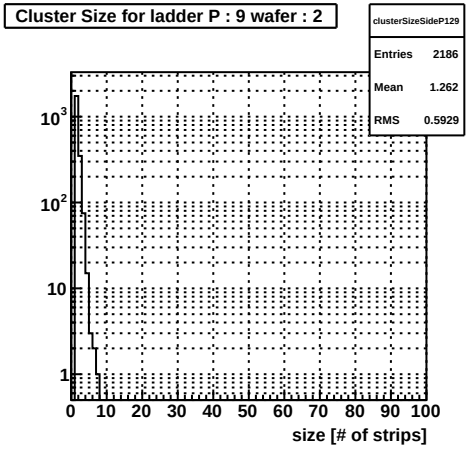

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8998
Mean 1.142
RMS 0.4419
size [# of strips]

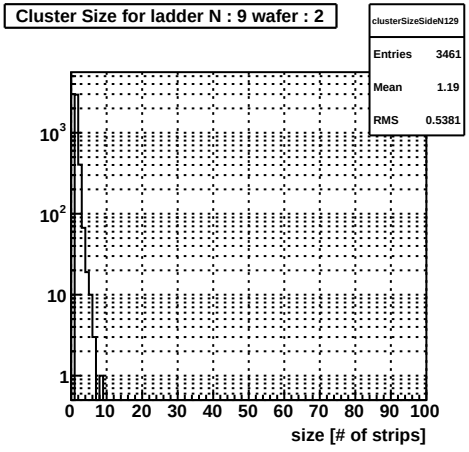

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 860
Mean 1.35
RMS 0.7263
size [# of strips]

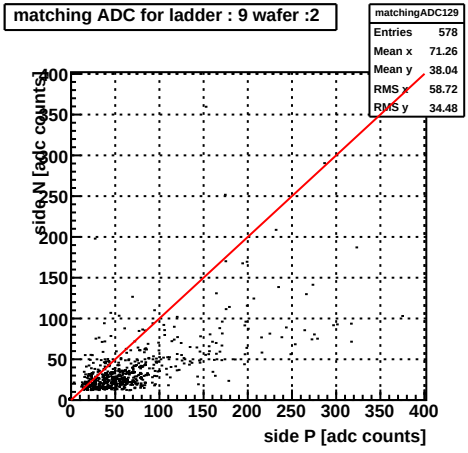

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 260
Mean x 67.16
Mean y 44.98
RMS x 61.77
RMS y 33.09
side N [adc counts]
side P [adc counts]

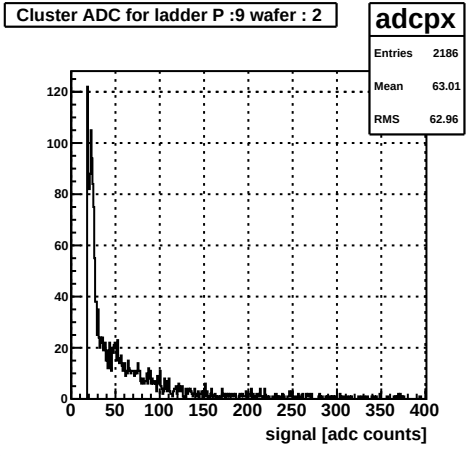

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8998
Mean 42.64
RMS 48.47
signal [adc counts]

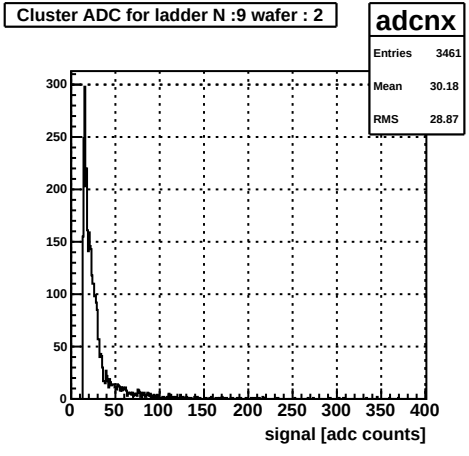

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 860
Mean 39.88
RMS 31.29
signal [adc counts]

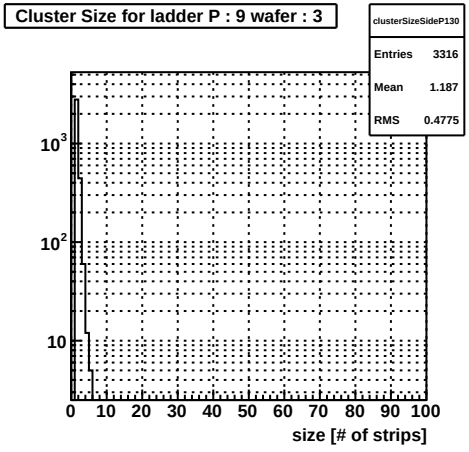

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2186
Mean 1.262
RMS 0.5929
size [# of strips]

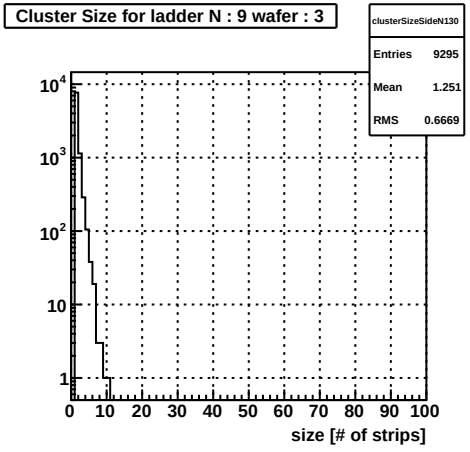

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3461
Mean 1.19
RMS 0.5381
size [# of strips]

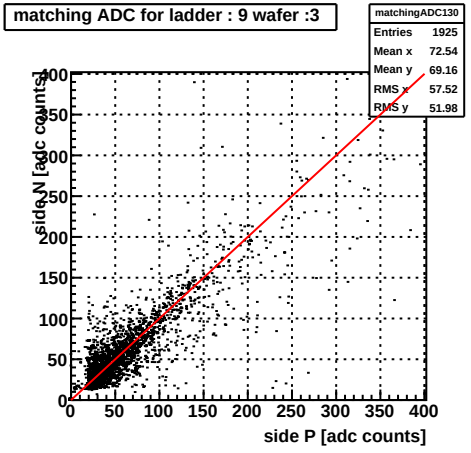

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 578
Mean x 71.26
Mean y 38.04
RMS x 58.72
RMS y 34.48
side N [adc counts]
side P [adc counts]

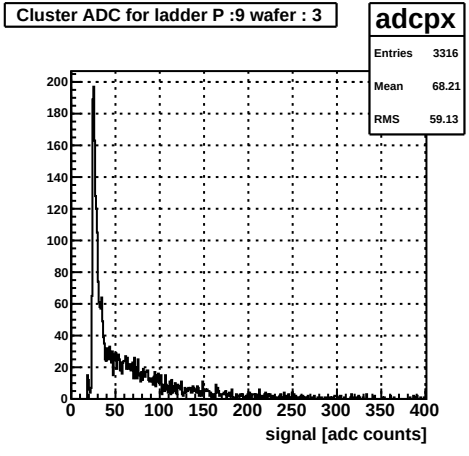

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2186
Mean 63.01
RMS 62.96
signal [adc counts]

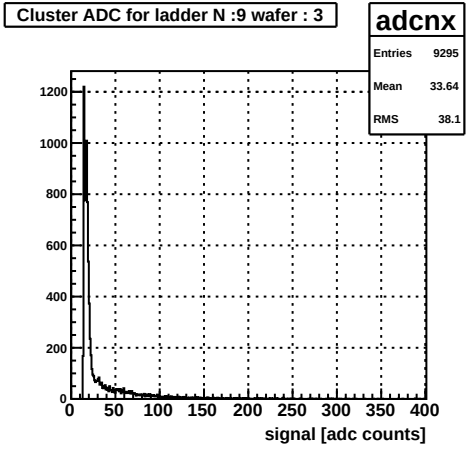

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3461
Mean 30.18
RMS 28.87
signal [adc counts]

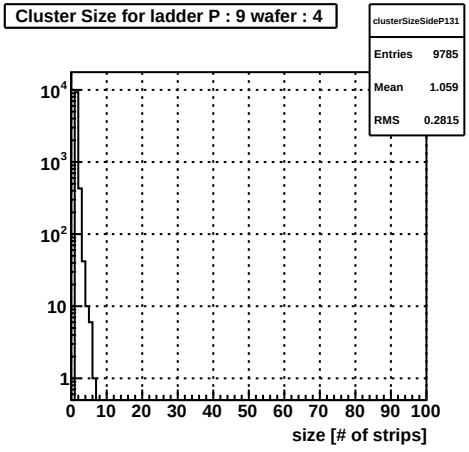

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3316
Mean 1.187
RMS 0.4775
size [# of strips]

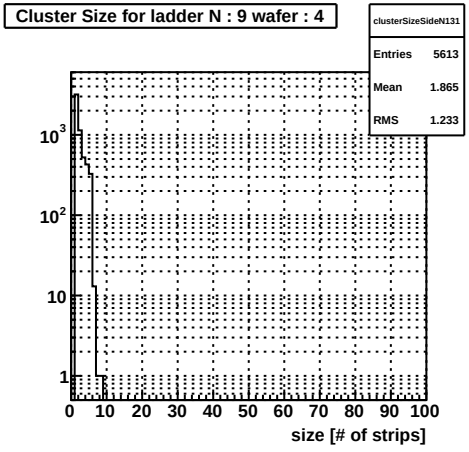

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9295
Mean 1.251
RMS 0.6669
size [# of strips]

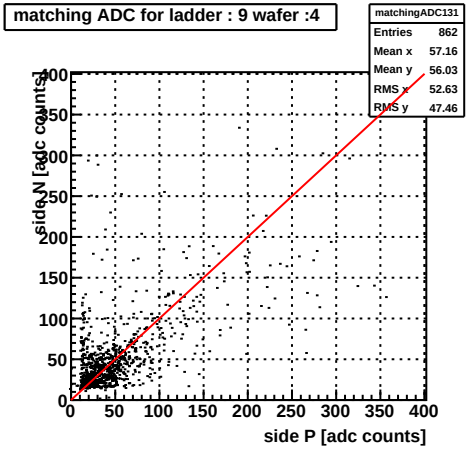

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1925
Mean x 72.54
Mean y 69.16
RMS x 57.52
RMS y 51.98
side N [adc counts]
side P [adc counts]

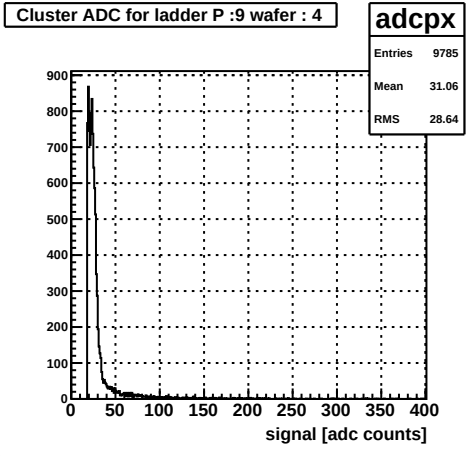

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3316
Mean 68.21
RMS 59.13
signal [adc counts]

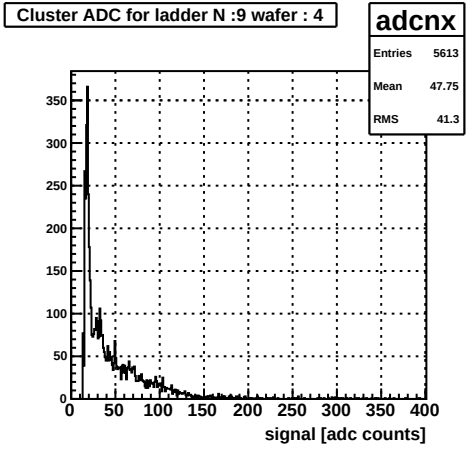

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9295
Mean 33.64
RMS 38.1
signal [adc counts]

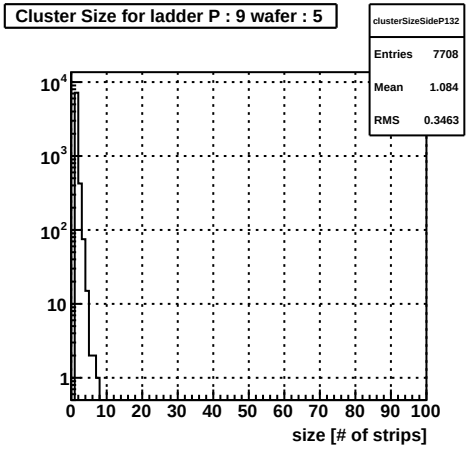

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9785
Mean 1.059
RMS 0.2815
size [# of strips]

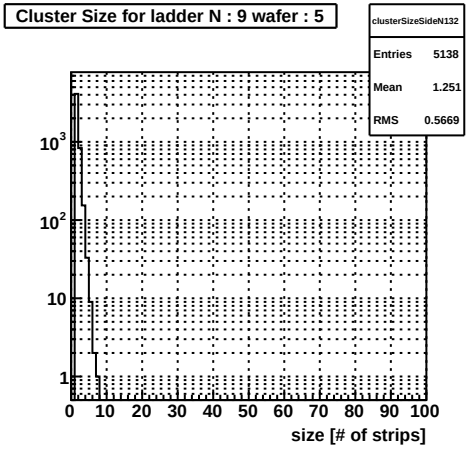

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5613
Mean 1.865
RMS 1.233
size [# of strips]

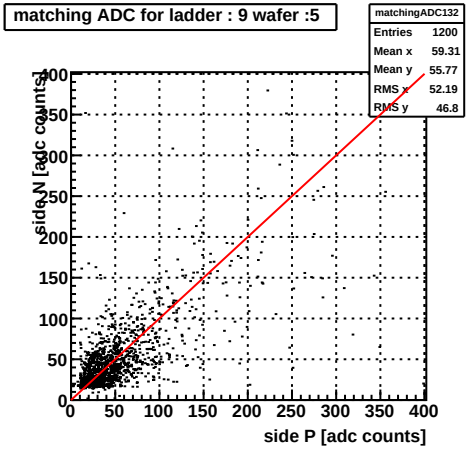

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 862
Mean x 57.16
Mean y 56.03
RMS x 52.63
RMS y 47.46
side N [adc counts]
side P [adc counts]

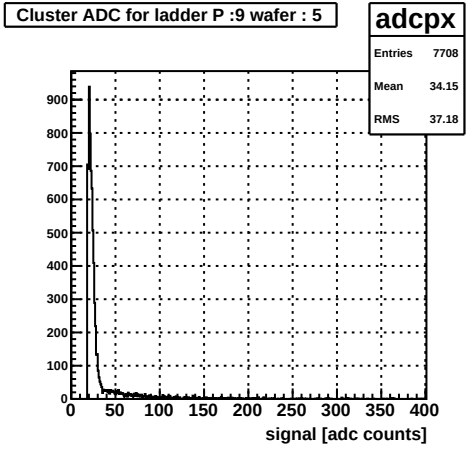

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9785
Mean 31.06
RMS 28.64
signal [adc counts]

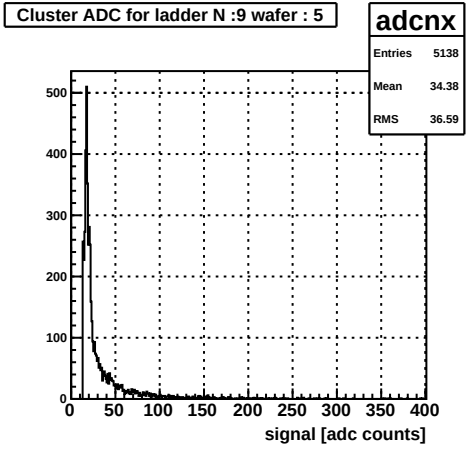

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5613
Mean 47.75
RMS 41.3
signal [adc counts]

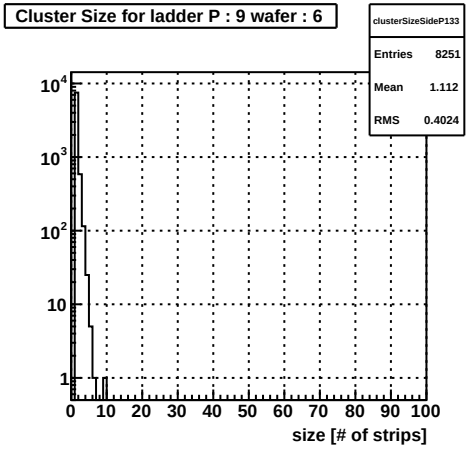

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7708
Mean 1.084
RMS 0.3463
size [# of strips]

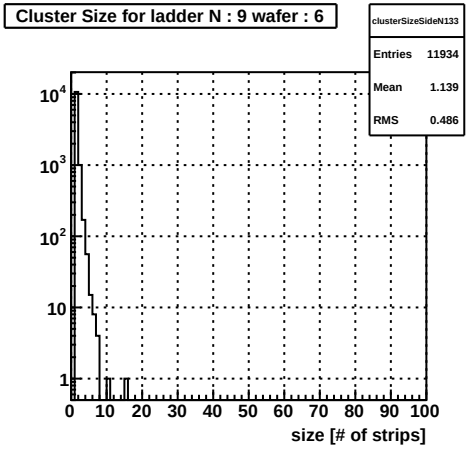

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5138
Mean 1.251
RMS 0.5669
size [# of strips]

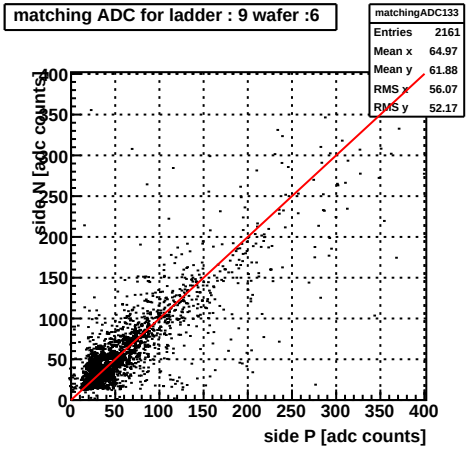

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1200
Mean x 59.31
Mean y 55.77
RMS x 52.19
RMS y 46.8
side N [adc counts]
side P [adc counts]

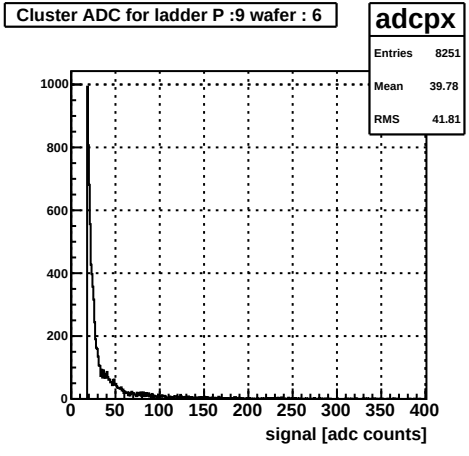

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7708
Mean 34.15
RMS 37.18
signal [adc counts]

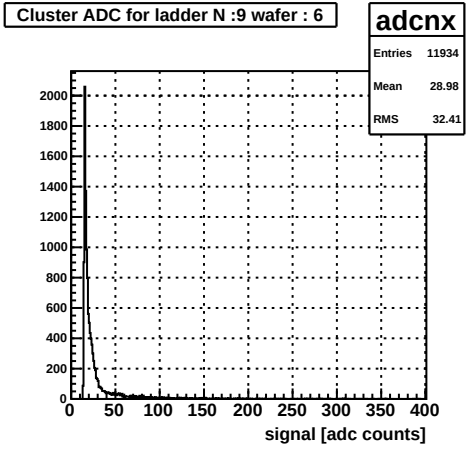

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5138
Mean 34.38
RMS 36.59
signal [adc counts]

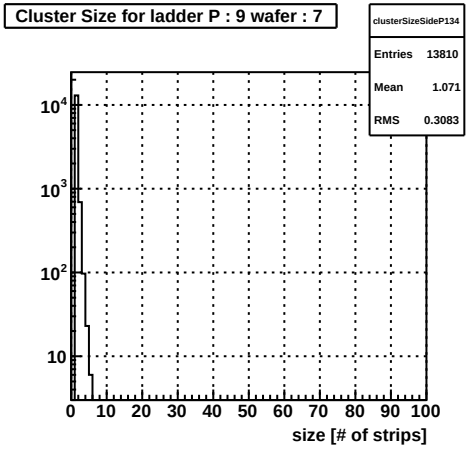

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8251
Mean 1.112
RMS 0.4024
size [# of strips]

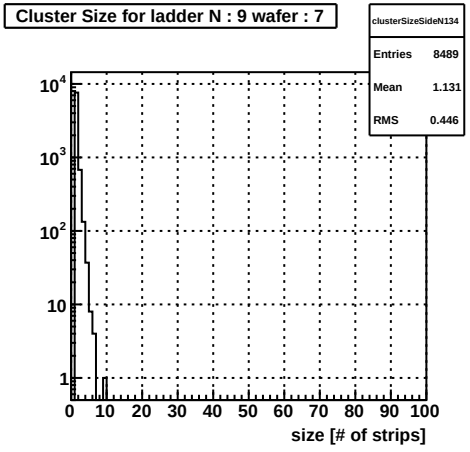

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 11934
Mean 1.139
RMS 0.486
size [# of strips]

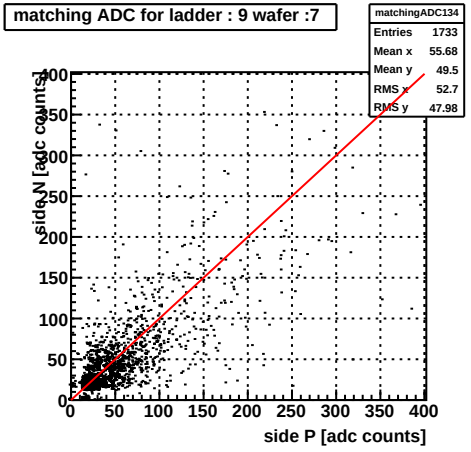

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2161
Mean x 64.97
Mean y 61.88
RMS x 56.07
RMS y 52.17
side N [adc counts]
side P [adc counts]

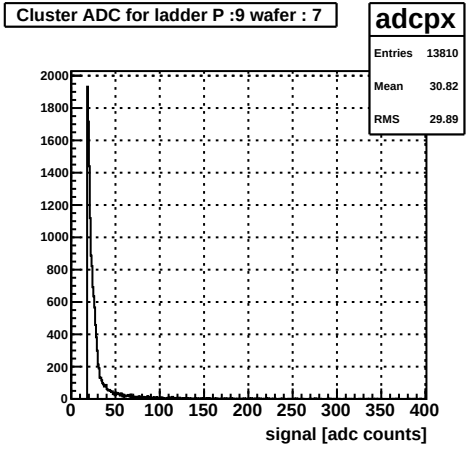

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8251
Mean 39.78
RMS 41.81
signal [adc counts]

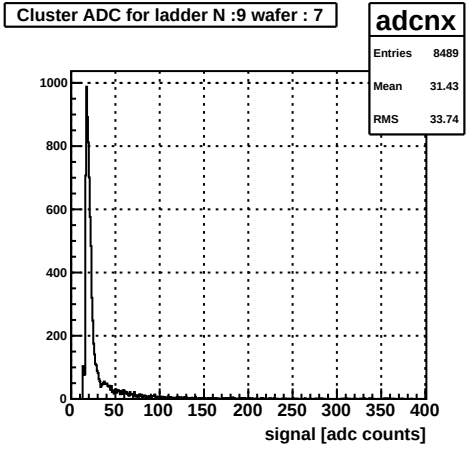

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 11934
Mean 28.98
RMS 32.41
signal [adc counts]

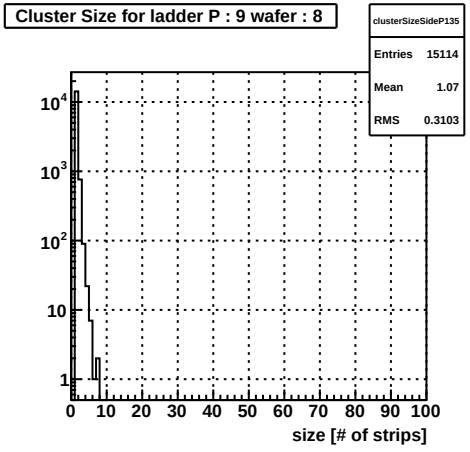

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13810
Mean 1.071
RMS 0.3083
size [# of strips]

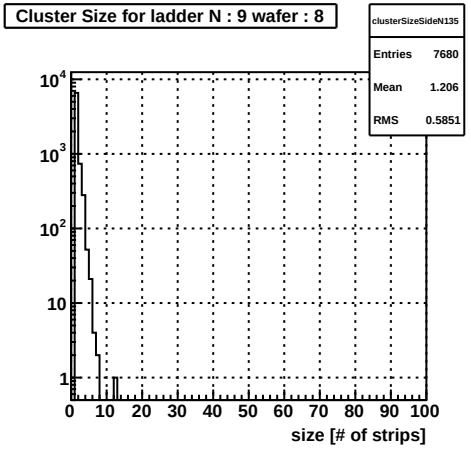

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8489
Mean 1.131
RMS 0.446
size [# of strips]

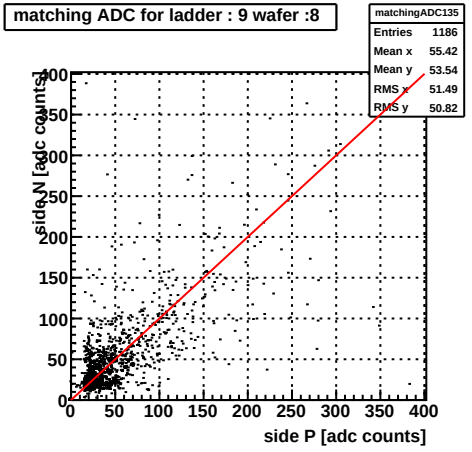

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1733
Mean x 55.68
Mean y 49.5
RMS x 52.7
RMS y 47.98
side N [adc counts]
side P [adc counts]

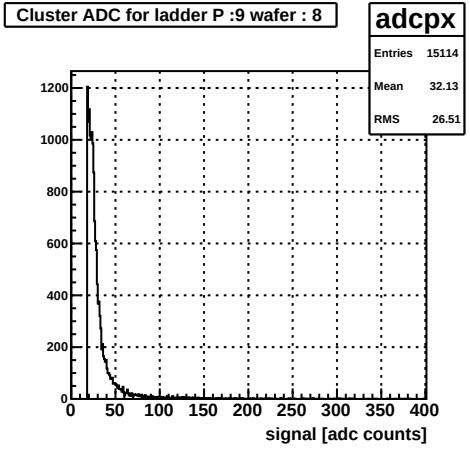

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13810
Mean 30.82
RMS 29.89
signal [adc counts]

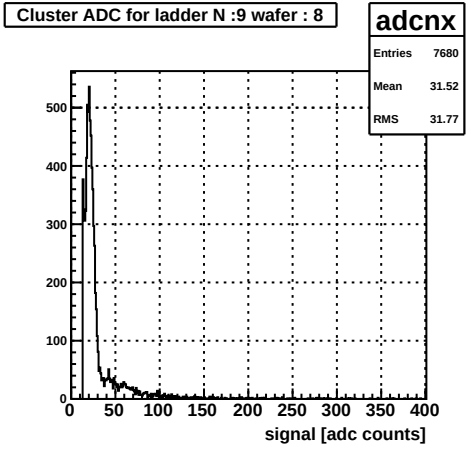

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8489
Mean 31.43
RMS 33.74
signal [adc counts]

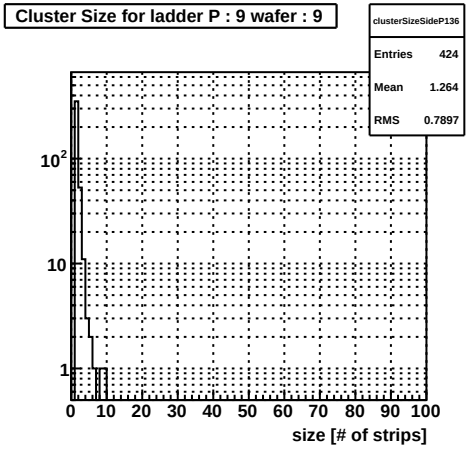

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15114
Mean 1.07
RMS 0.3103
size [# of strips]

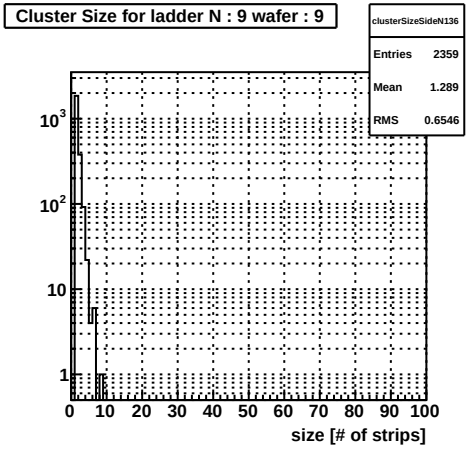

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7680
Mean 1.206
RMS 0.5851
size [# of strips]

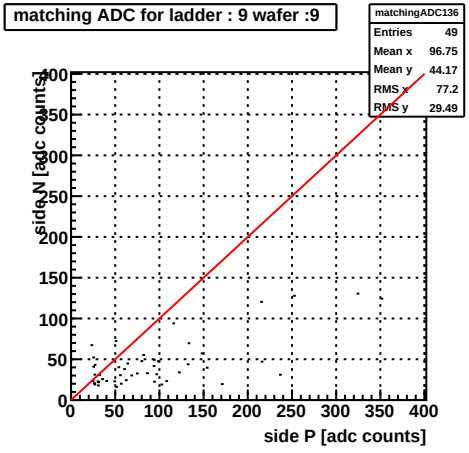

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1186
Mean x 55.42
Mean y 53.54
RMS x 51.49
RMS y 50.82
side N [adc counts]
side P [adc counts]

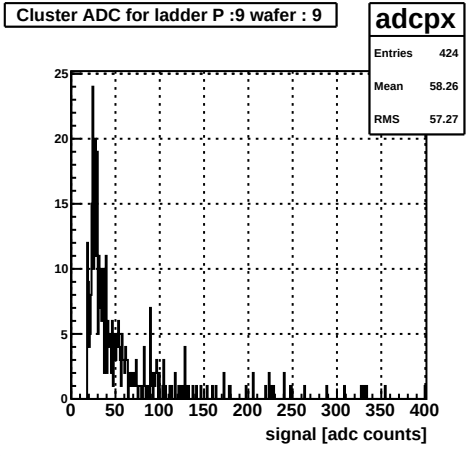

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15114
Mean 32.13
RMS 26.51
signal [adc counts]

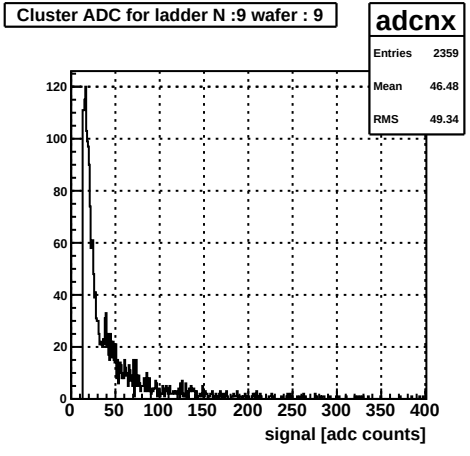

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7680
Mean 31.52
RMS 31.77
signal [adc counts]

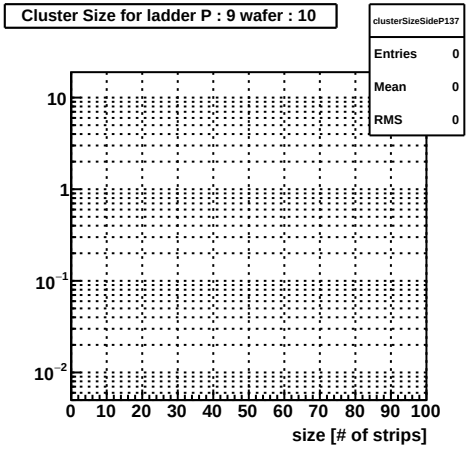

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 424
Mean 1.264
RMS 0.7897
size [# of strips]

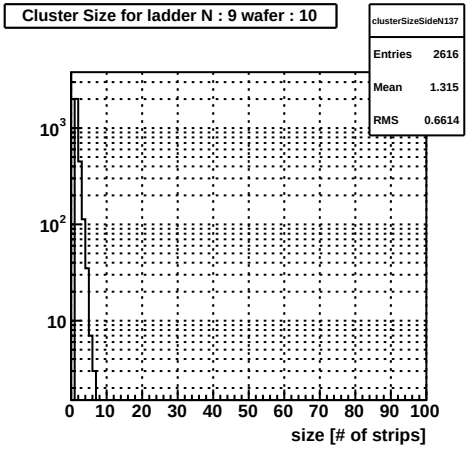

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2359
Mean 1.289
RMS 0.6546
size [# of strips]

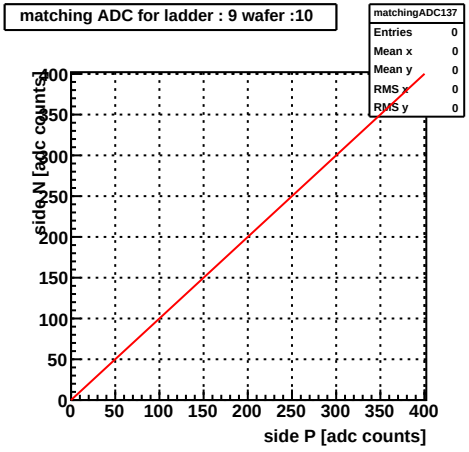

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 49
Mean x 96.75
Mean y 44.17
RMS x 77.2
RMS y 29.49
side N [adc counts]
side P [adc counts]

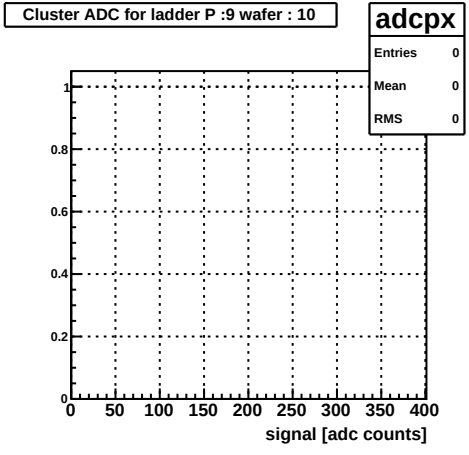

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 424
Mean 58.26
RMS 57.27
signal [adc counts]

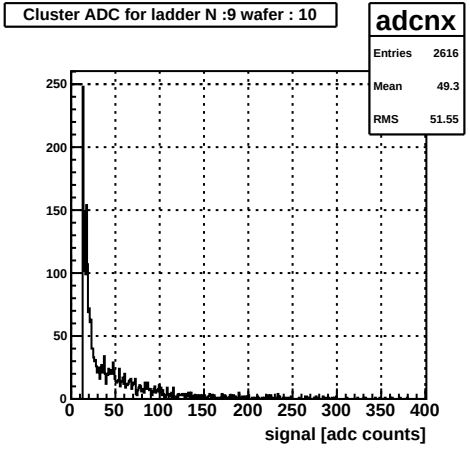

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2359
Mean 46.48
RMS 49.34
signal [adc counts]

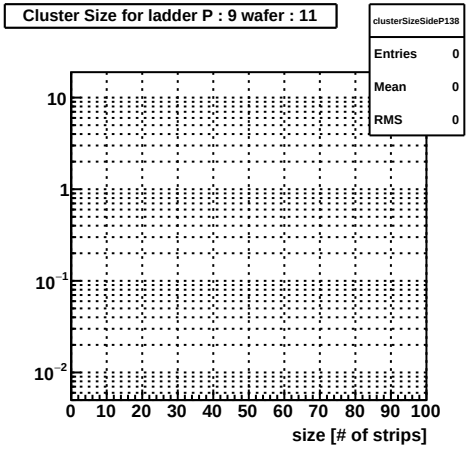

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

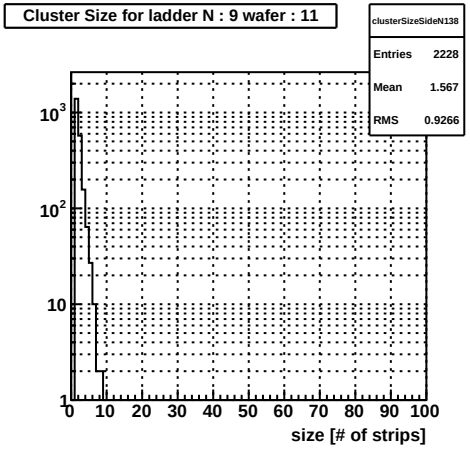

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2616
Mean 1.315
RMS 0.6614
size [# of strips]

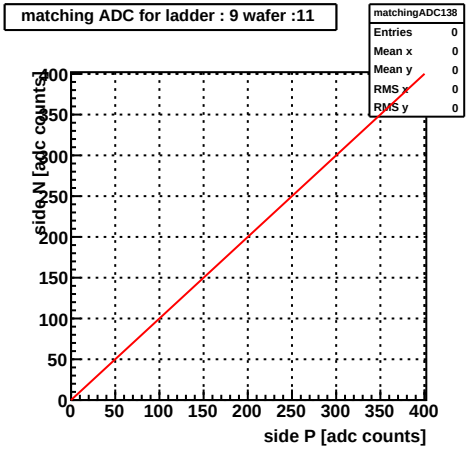

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

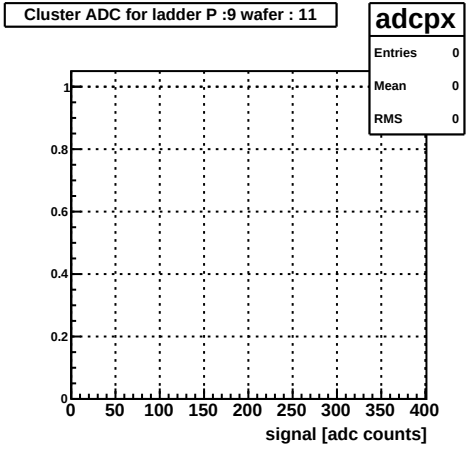

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

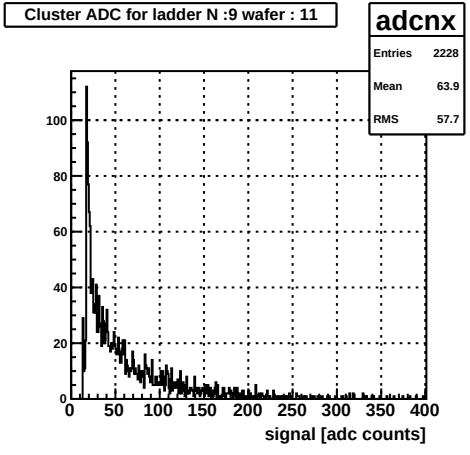

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2616
Mean 49.3
RMS 51.55
signal [adc counts]

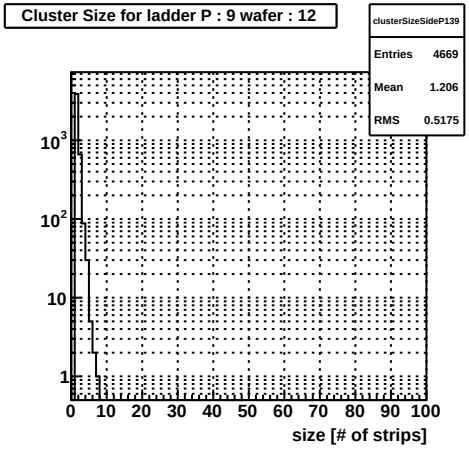

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

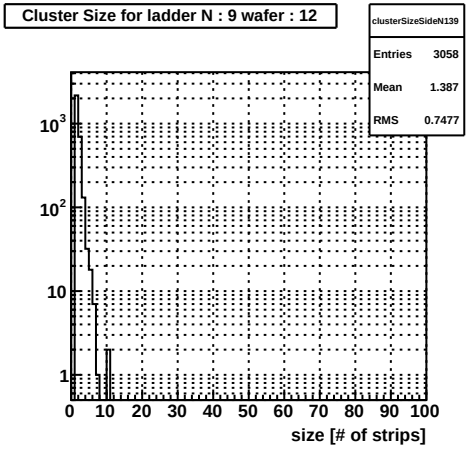

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2228
Mean 1.567
RMS 0.9266
size [# of strips]

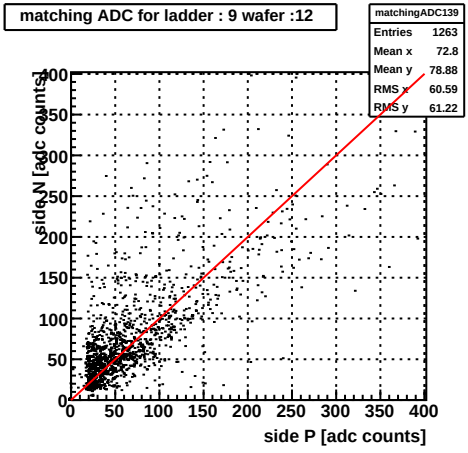

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

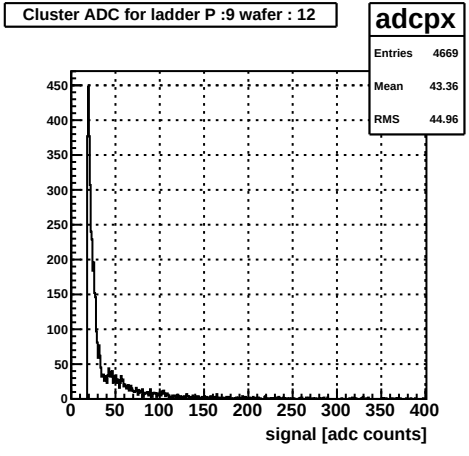

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

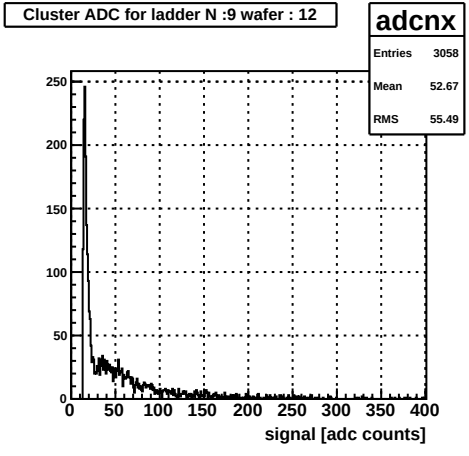

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2228
Mean 63.9
RMS 57.7
signal [adc counts]

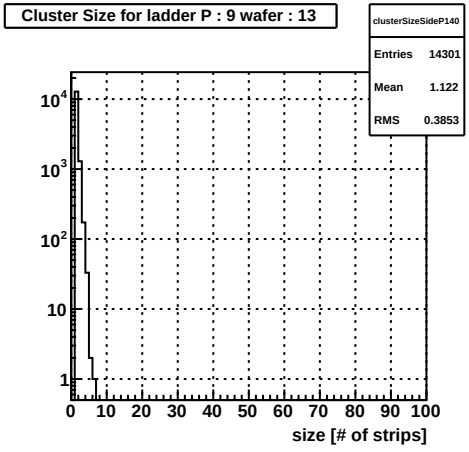

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4669
Mean 1.206
RMS 0.5175
size [# of strips]

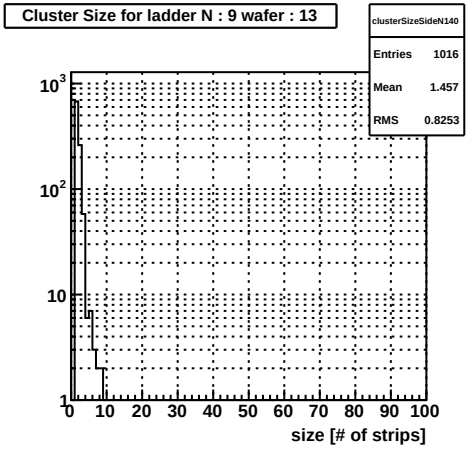

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3058
Mean 1.387
RMS 0.7477
size [# of strips]

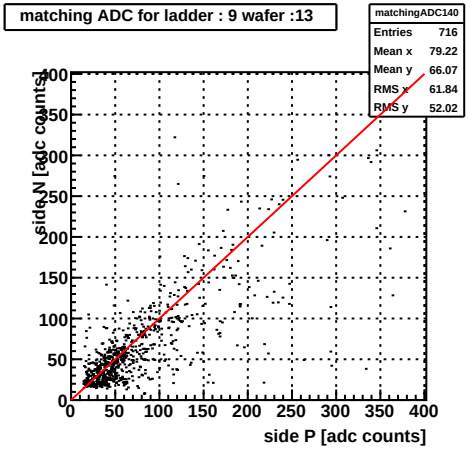

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1263
Mean x 72.8
Mean y 78.88
RMS x 60.59
RMS y 61.22
side N [adc counts]
side P [adc counts]

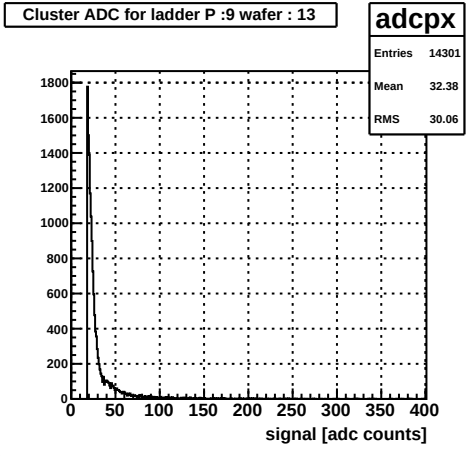

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4669
Mean 43.36
RMS 44.96
signal [adc counts]

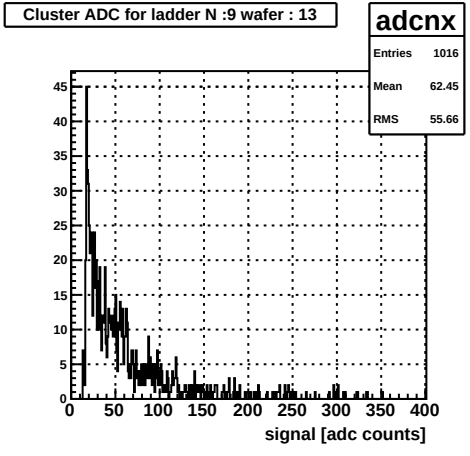

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3058
Mean 52.67
RMS 55.49
signal [adc counts]

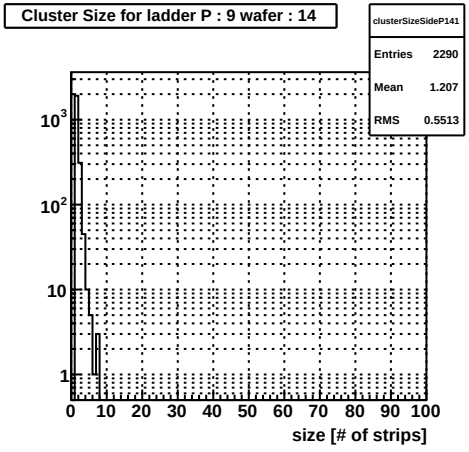

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14301
Mean 1.122
RMS 0.3853
size [# of strips]

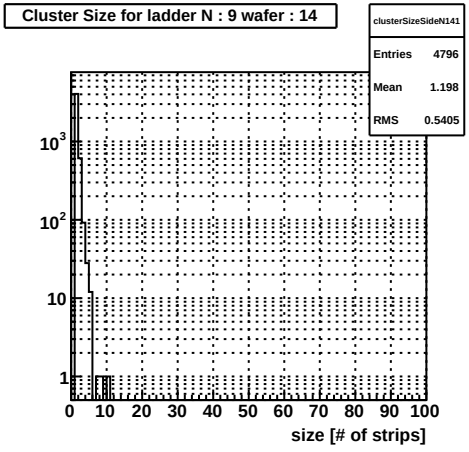

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1016
Mean 1.457
RMS 0.8253
size [# of strips]

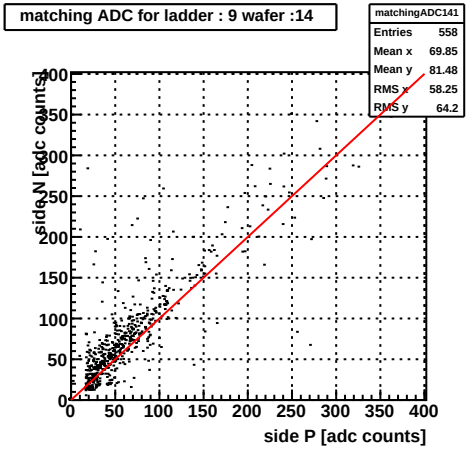

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 716
Mean x 79.22
Mean y 66.07
RMS x 61.84
RMS y 52.02
side N [adc counts]
side P [adc counts]

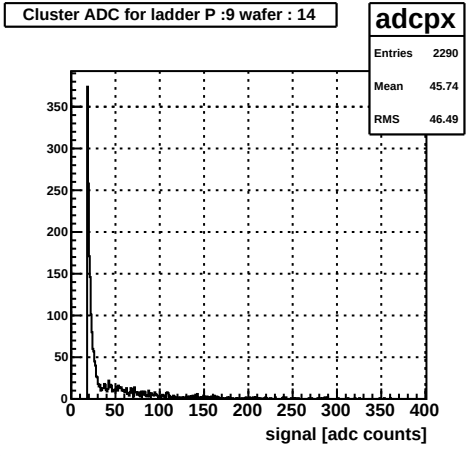

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14301
Mean 32.38
RMS 30.06
signal [adc counts]

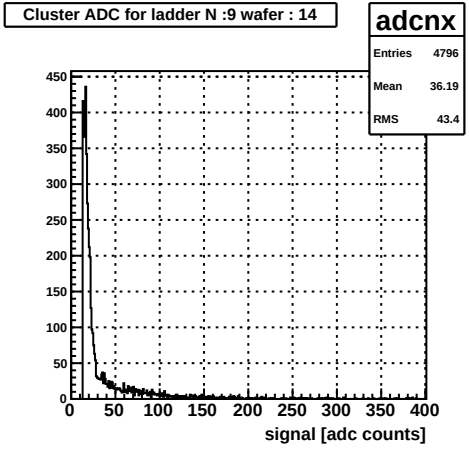

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1016
Mean 62.45
RMS 55.66
signal [adc counts]

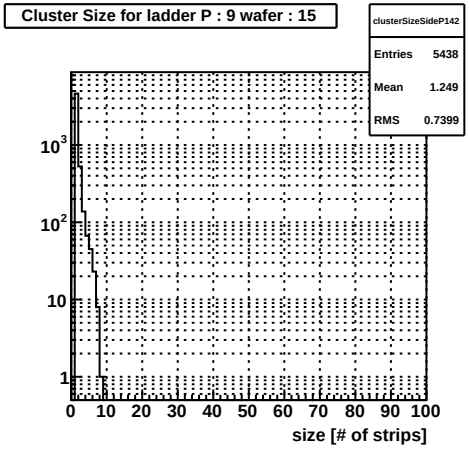

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2290
Mean 1.207
RMS 0.5513
size [# of strips]

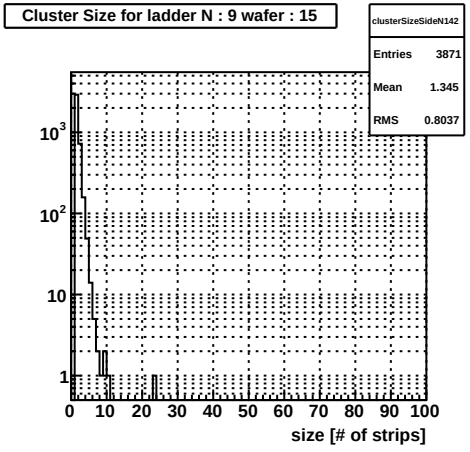

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4796
Mean 1.198
RMS 0.5405
size [# of strips]

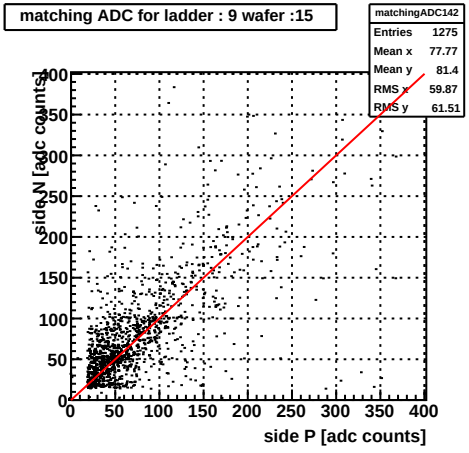

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 558
Mean x 69.85
Mean y 81.48
RMS x 58.25
RMS y 64.2
side N [adc counts]
side P [adc counts]

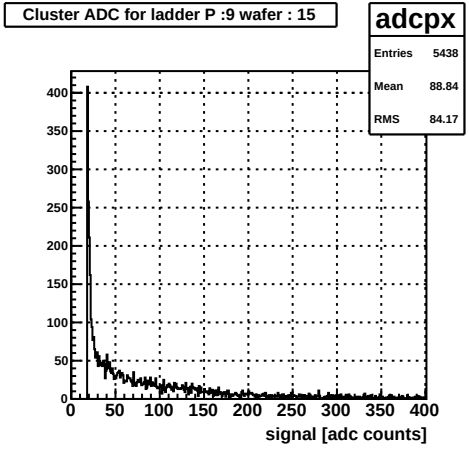

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2290
Mean 45.74
RMS 46.49
signal [adc counts]

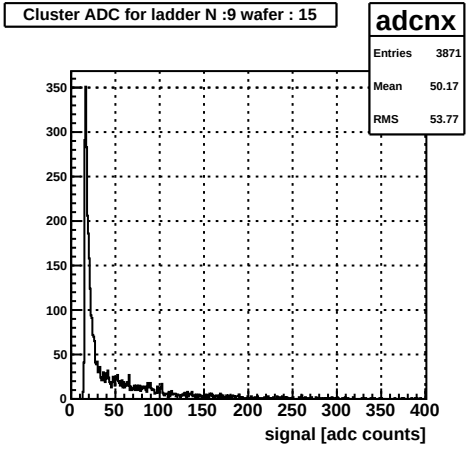

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4796
Mean 36.19
RMS 43.4
signal [adc counts]

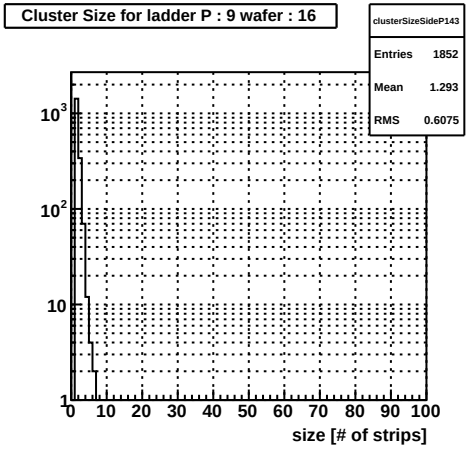

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5438
Mean 1.249
RMS 0.7399
size [# of strips]

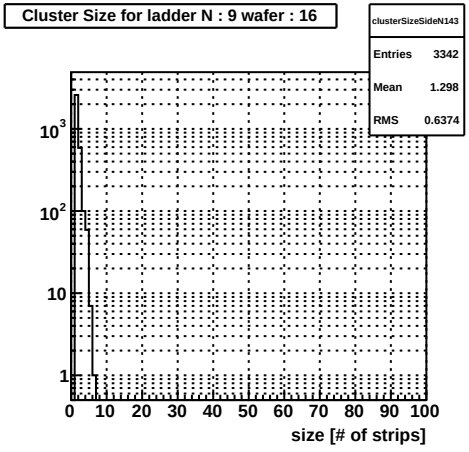

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3871
Mean 1.345
RMS 0.8037
size [# of strips]

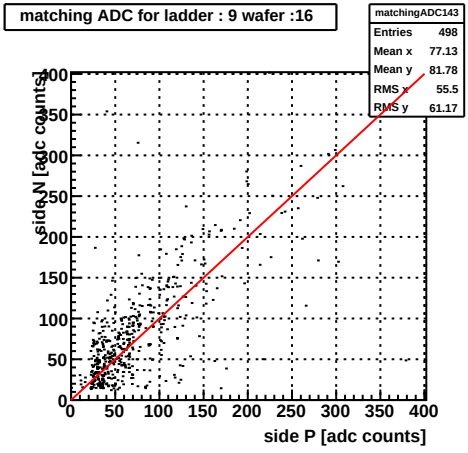

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1275
Mean x 77.77
Mean y 81.4
RMS x 59.87
RMS y 61.51
side N [adc counts]
side P [adc counts]

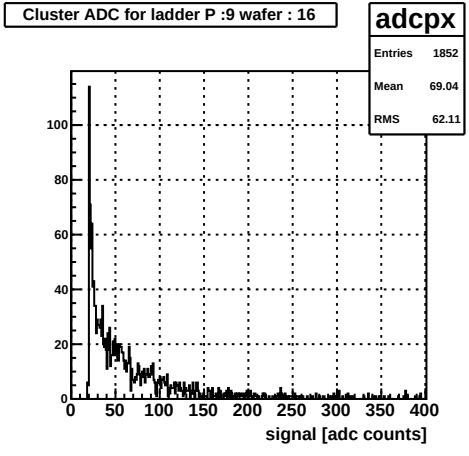

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5438
Mean 88.84
RMS 84.17
signal [adc counts]

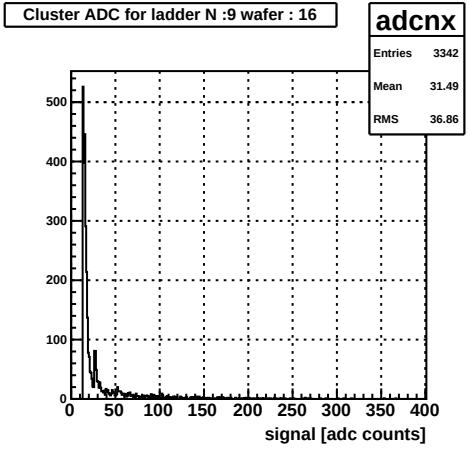

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3871
Mean 50.17
RMS 53.77
signal [adc counts]

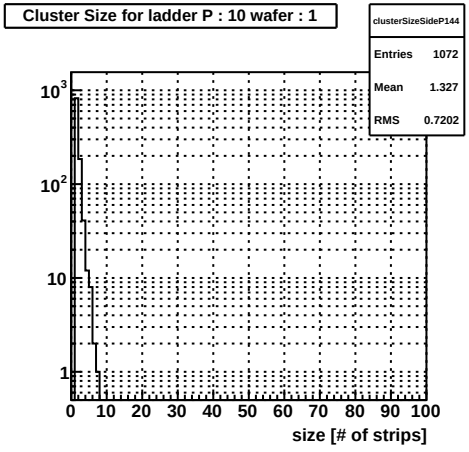

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1852
Mean 1.293
RMS 0.6075
size [# of strips]

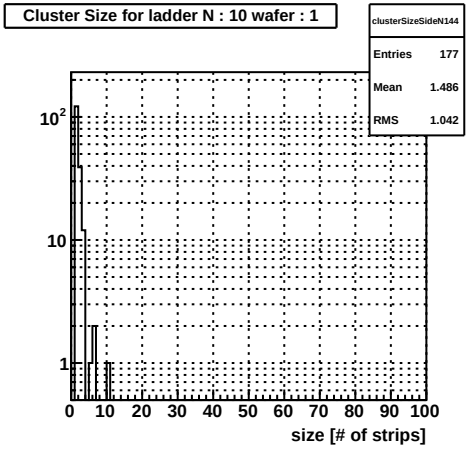

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3342
Mean 1.298
RMS 0.6374
size [# of strips]

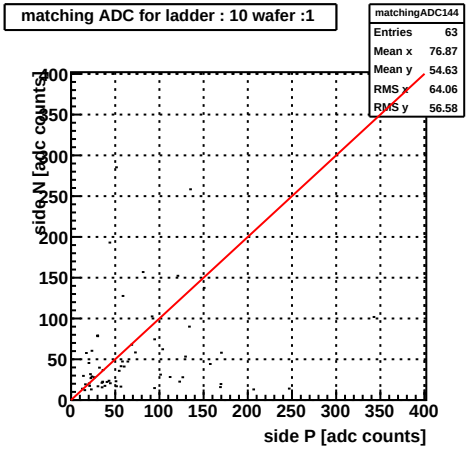

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 498
Mean x 77.13
Mean y 81.78
RMS x 55.5
RMS y 61.17
side N [adc counts]
side P [adc counts]

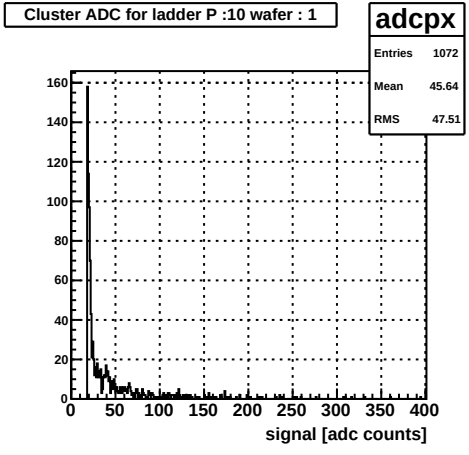

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1852
Mean 69.04
RMS 62.11
signal [adc counts]

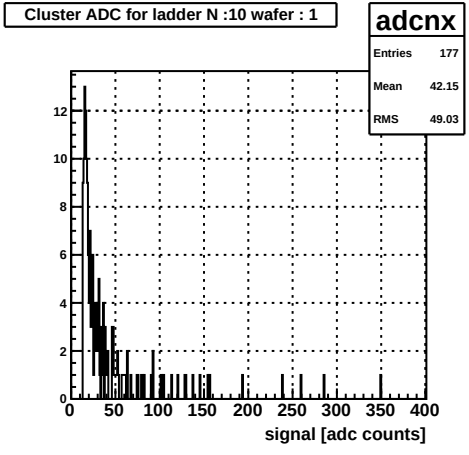

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3342
Mean 31.49
RMS 36.86
signal [adc counts]

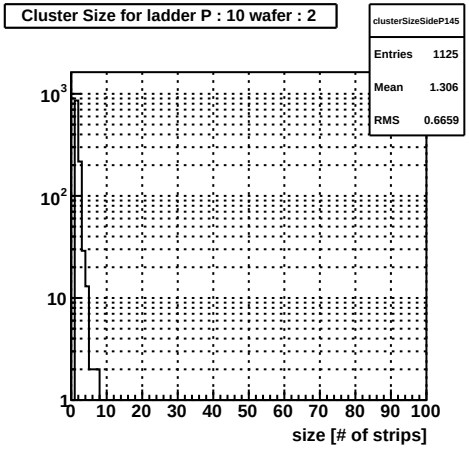

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1072
Mean 1.327
RMS 0.7202
size [# of strips]

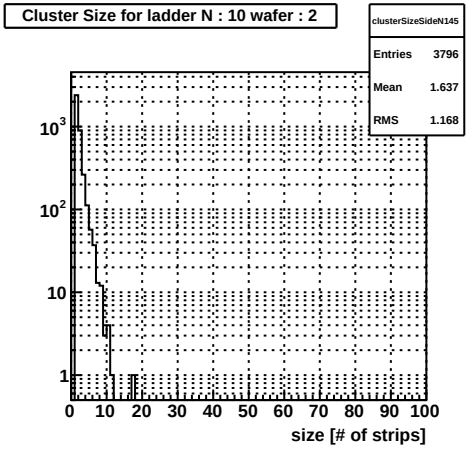

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 177
Mean 1.486
RMS 1.042
size [# of strips]

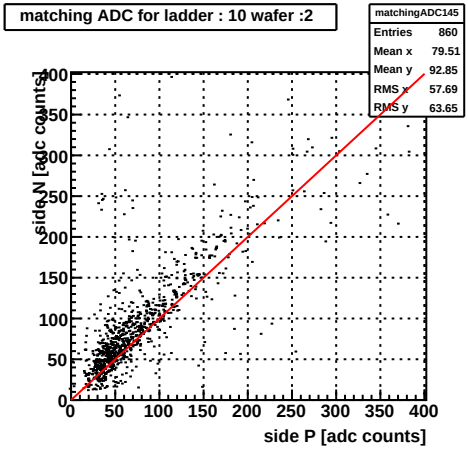

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 63
Mean x 76.87
Mean y 54.63
RMS x 64.06
RMS y 56.58
side N [adc counts]
side P [adc counts]

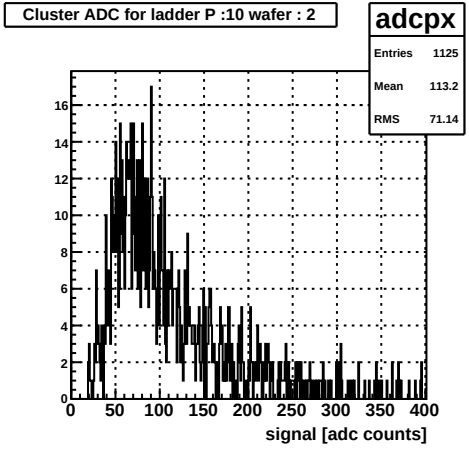

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1072
Mean 45.64
RMS 47.51
signal [adc counts]

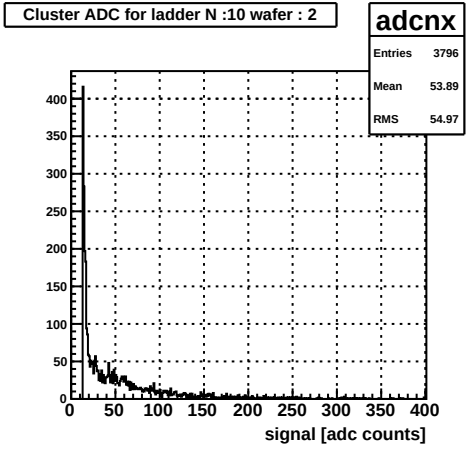

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 177
Mean 42.15
RMS 49.03
signal [adc counts]

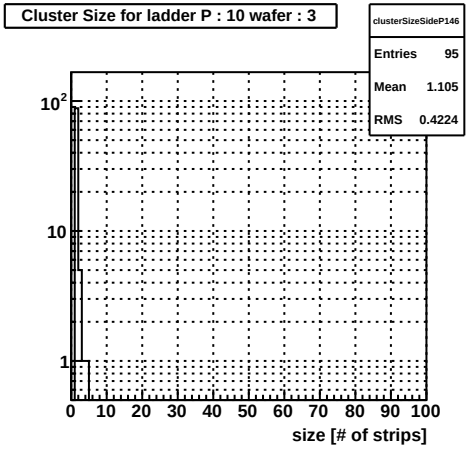

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1125
Mean 1.306
RMS 0.6659
size [# of strips]

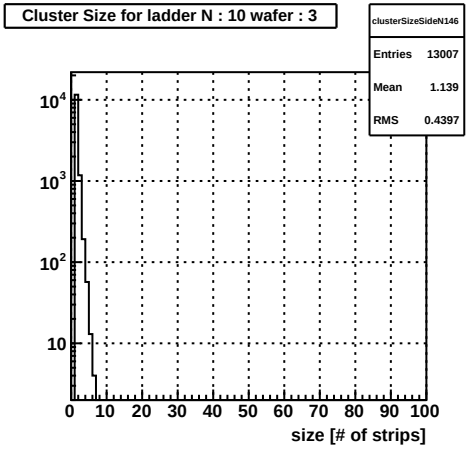

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3796
Mean 1.637
RMS 1.168
size [# of strips]

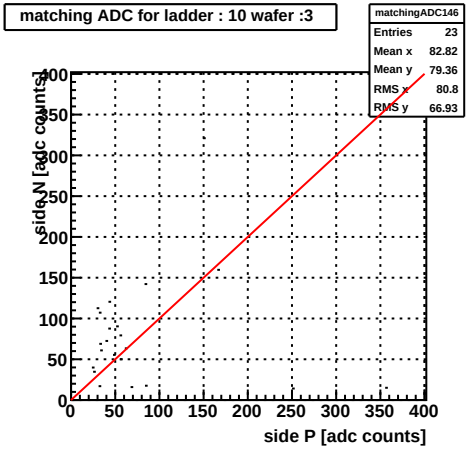

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 860
Mean x 79.51
Mean y 92.85
RMS x 57.69
RMS y 63.65
side N [adc counts]
side P [adc counts]

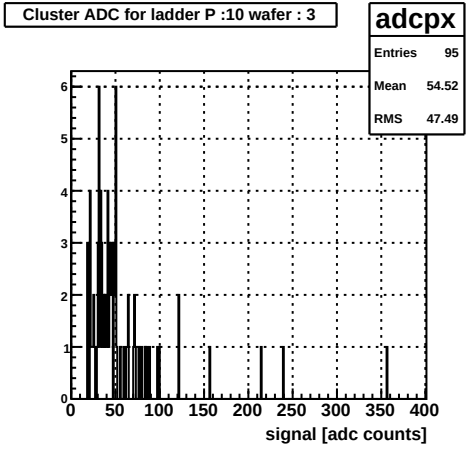

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1125
Mean 113.2
RMS 71.14
signal [adc counts]

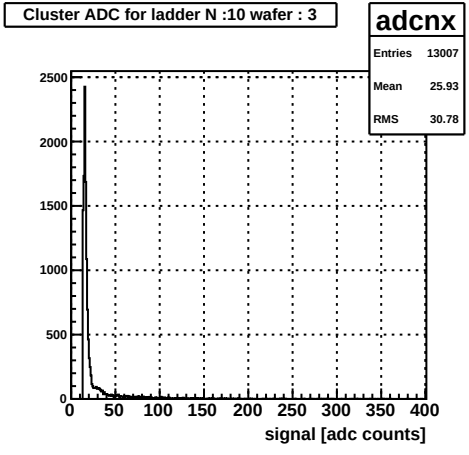

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3796
Mean 53.89
RMS 54.97
signal [adc counts]

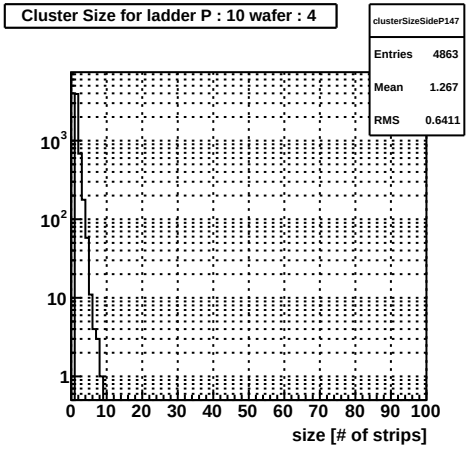

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 95
Mean 1.105
RMS 0.4224
size [# of strips]

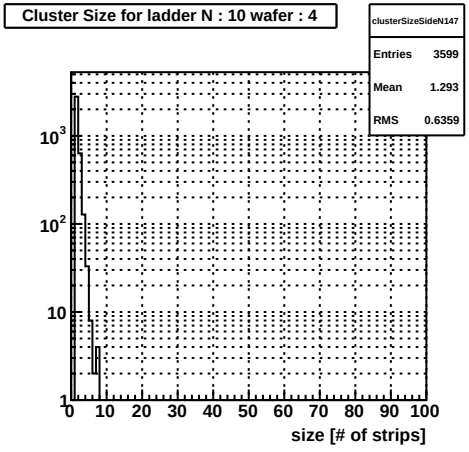

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13007
Mean 1.139
RMS 0.4397
size [# of strips]

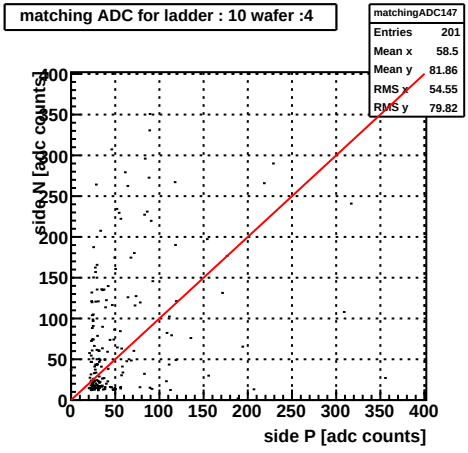

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 23
Mean x 82.82
Mean y 79.36
RMS x 80.8
RMS y 66.93
side N [adc counts]
side P [adc counts]

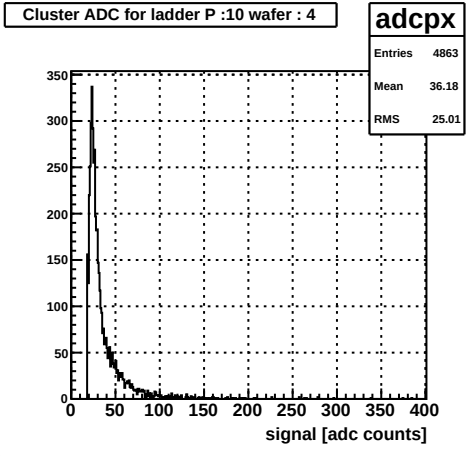

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 95
Mean 54.52
RMS 47.49
signal [adc counts]

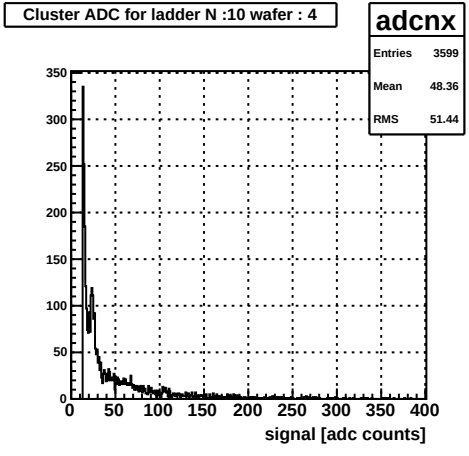

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13007
Mean 25.93
RMS 30.78
signal [adc counts]

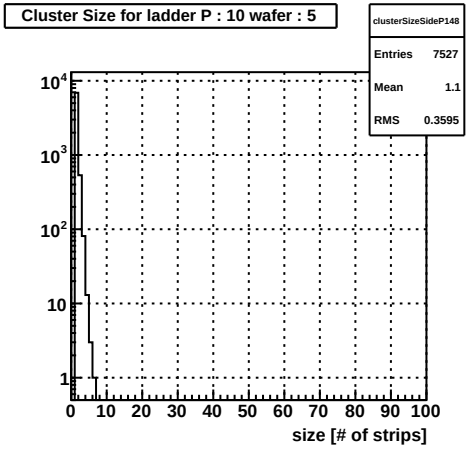

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4863
Mean 1.267
RMS 0.6411
size [# of strips]

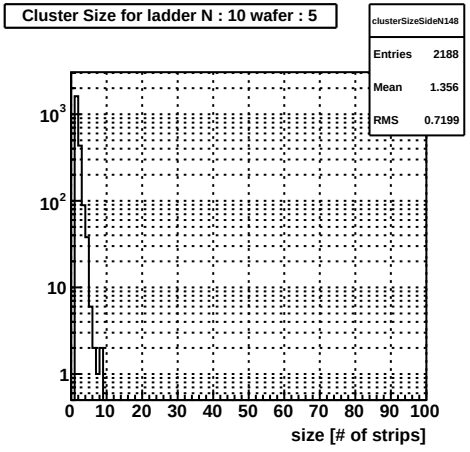

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3599
Mean 1.293
RMS 0.6359
size [# of strips]

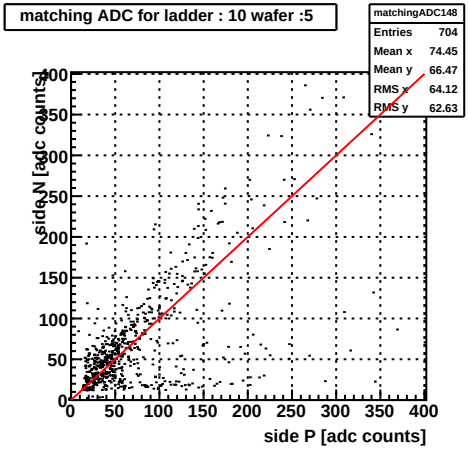

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 201
Mean x 58.5
Mean y 81.86
RMS x 54.55
RMS y 79.82
side N [adc counts]
side P [adc counts]

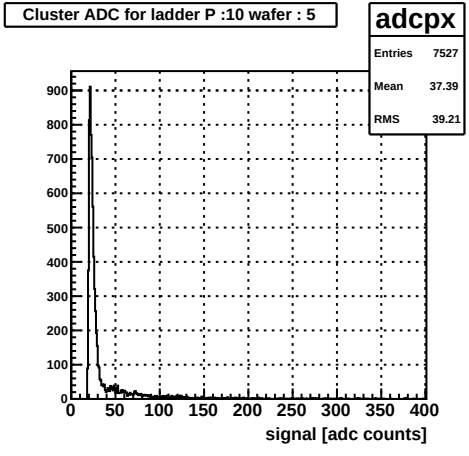

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4863
Mean 36.18
RMS 25.01
signal [adc counts]

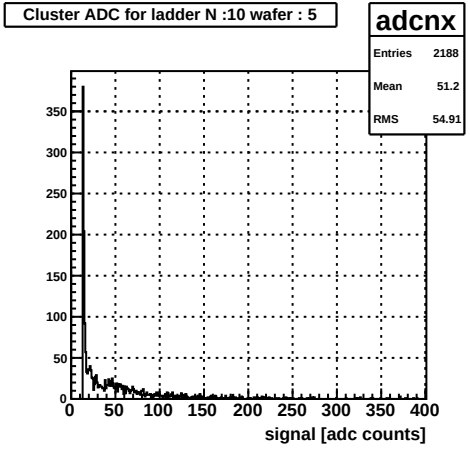

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3599
Mean 48.36
RMS 51.44
signal [adc counts]

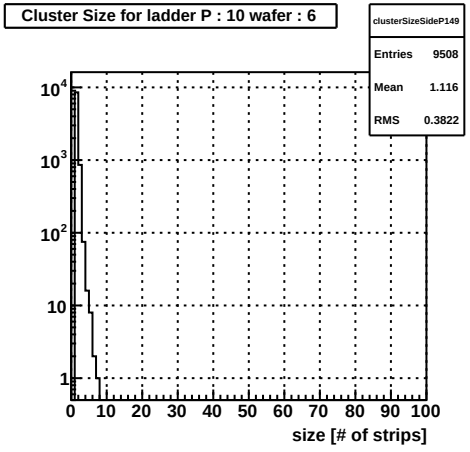

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7527
Mean 1.1
RMS 0.3595
size [# of strips]

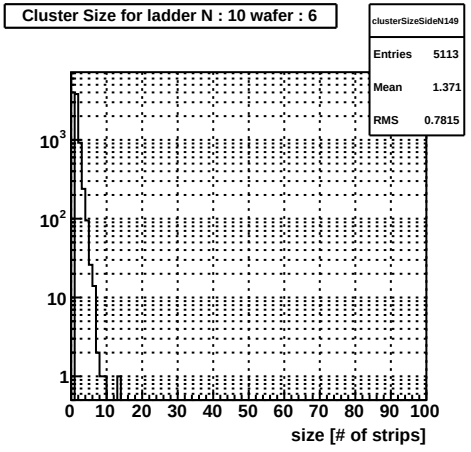

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2188
Mean 1.356
RMS 0.7199
size [# of strips]

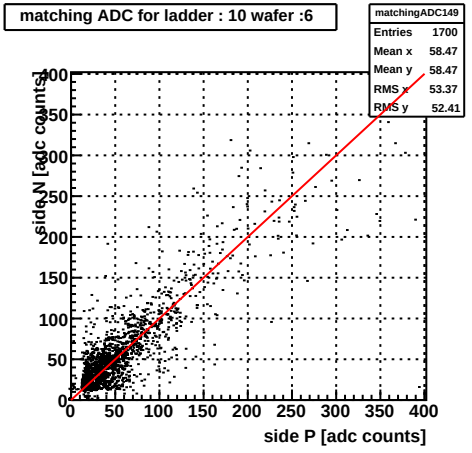

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 704
Mean x 74.45
Mean y 66.47
RMS x 64.12
RMS y 62.63
side N [adc counts]
side P [adc counts]

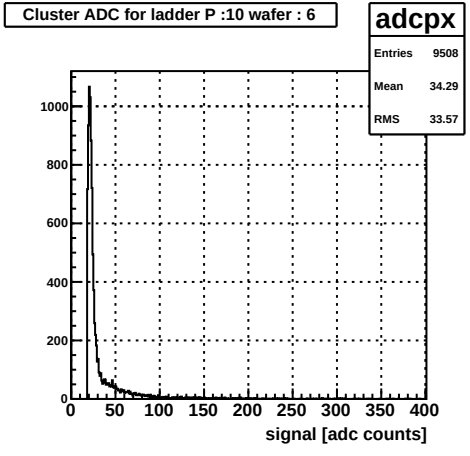

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7527
Mean 37.39
RMS 39.21
signal [adc counts]

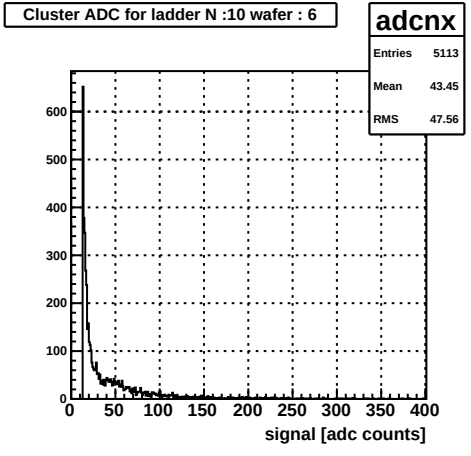

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2188
Mean 51.2
RMS 54.91
signal [adc counts]

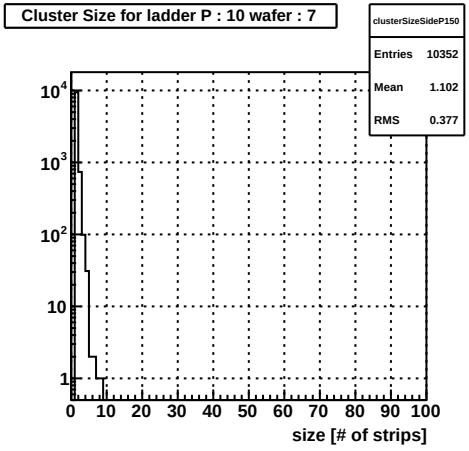

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9508
Mean 1.116
RMS 0.3822
size [# of strips]

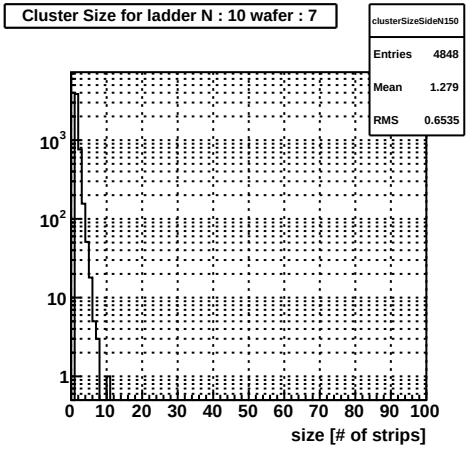

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5113
Mean 1.371
RMS 0.7815
size [# of strips]

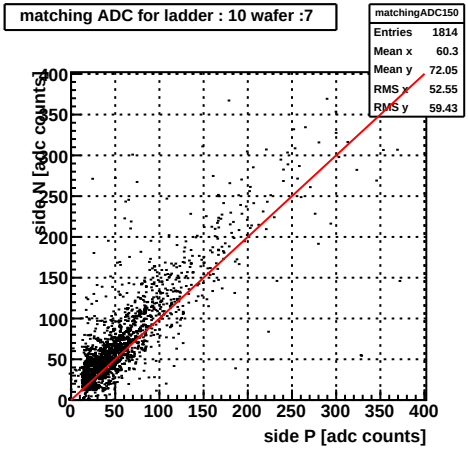

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1700
Mean x 58.47
Mean y 58.47
RMS x 53.37
RMS y 52.41
side N [adc counts]
side P [adc counts]

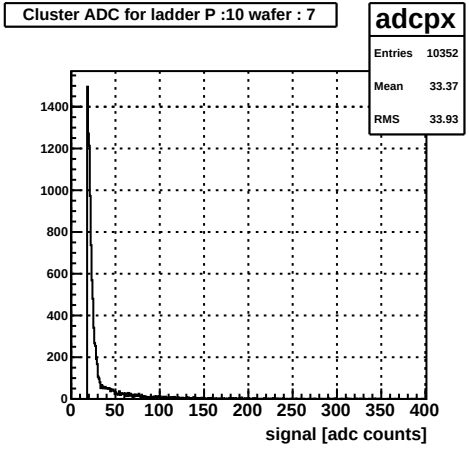

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9508
Mean 34.29
RMS 33.57
signal [adc counts]

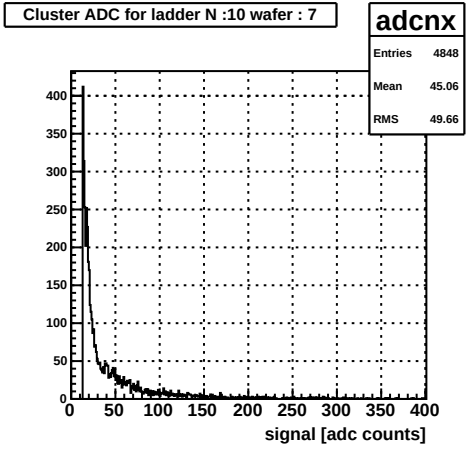

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5113
Mean 43.45
RMS 47.56
signal [adc counts]

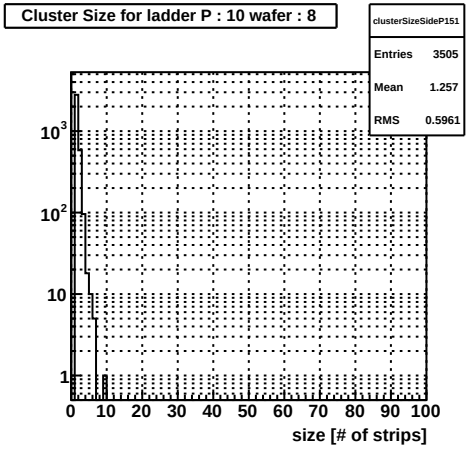

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10352
Mean 1.102
RMS 0.377
size [# of strips]

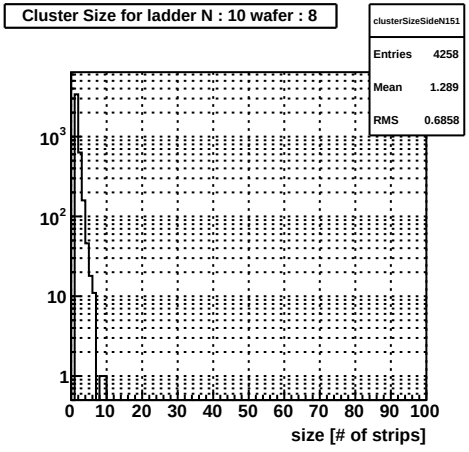

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4848
Mean 1.279
RMS 0.6535
size [# of strips]

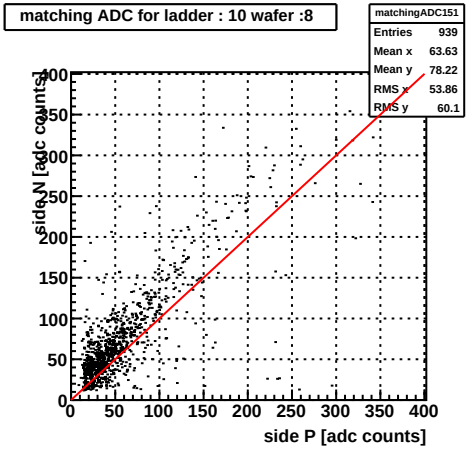

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1814
Mean x 60.3
Mean y 72.05
RMS x 52.55
RMS y 59.43
side N [adc counts]
side P [adc counts]

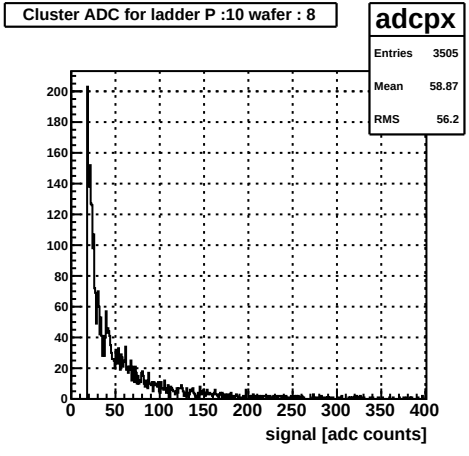

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10352
Mean 33.37
RMS 33.93
signal [adc counts]

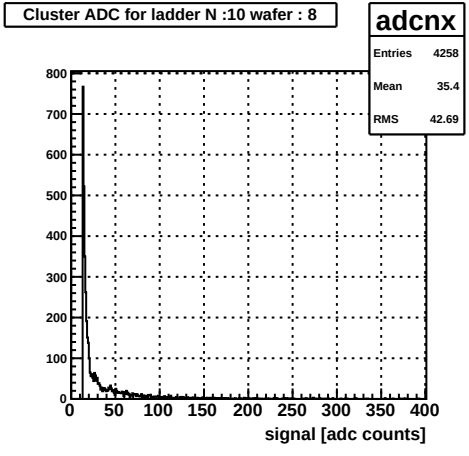

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4848
Mean 45.06
RMS 49.66
signal [adc counts]

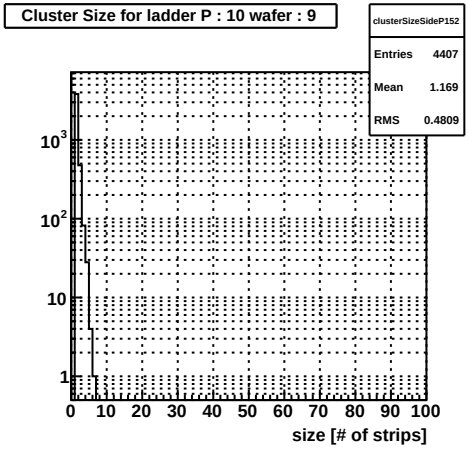

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3505
Mean 1.257
RMS 0.5961
size [# of strips]

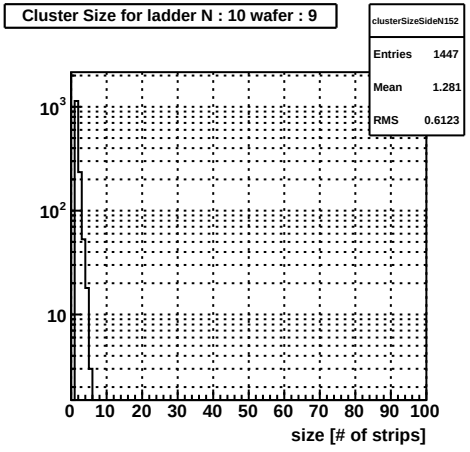

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4258
Mean 1.289
RMS 0.6858
size [# of strips]

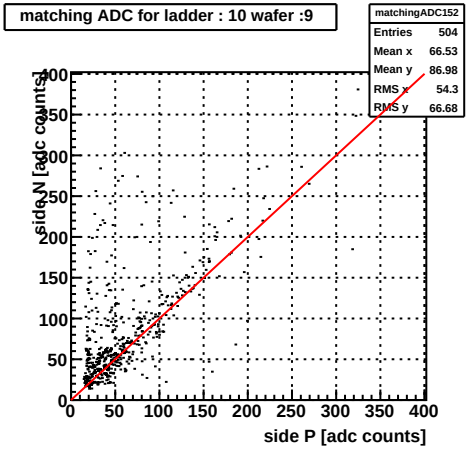

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 939
Mean x 63.63
Mean y 78.22
RMS x 53.86
RMS y 60.1
side N [adc counts]
side P [adc counts]

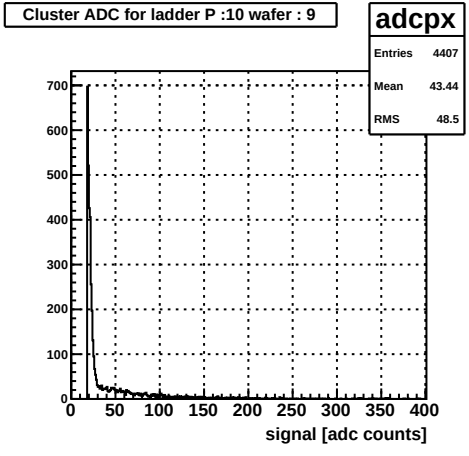

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3505
Mean 58.87
RMS 56.2
signal [adc counts]

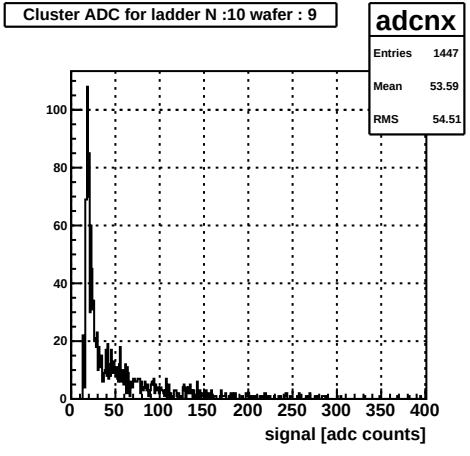

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4258
Mean 35.4
RMS 42.69
signal [adc counts]

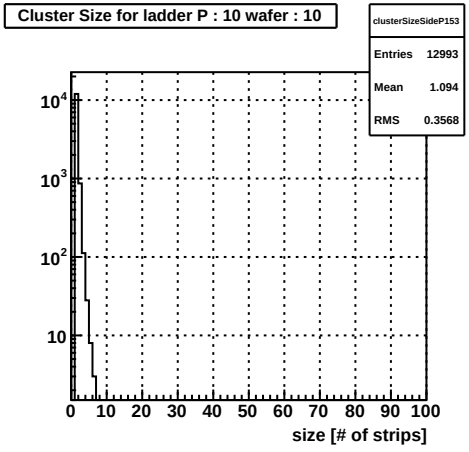

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4407
Mean 1.169
RMS 0.4809
size [# of strips]

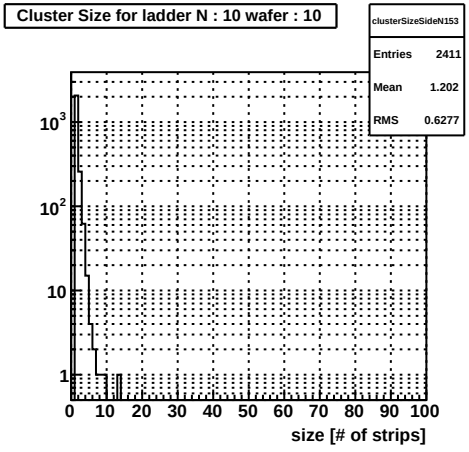

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1447
Mean 1.281
RMS 0.6123
size [# of strips]

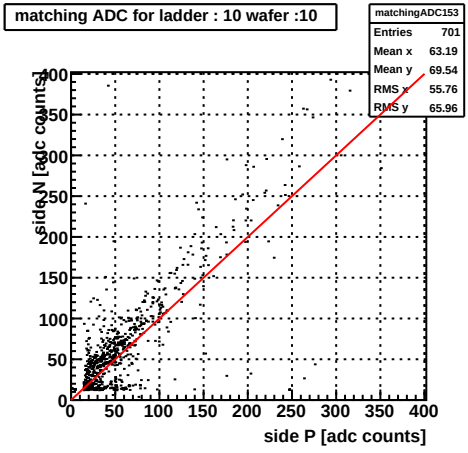

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 504
Mean x 66.53
Mean y 86.98
RMS x 54.3
RMS y 66.68
side N [adc counts]
side P [adc counts]

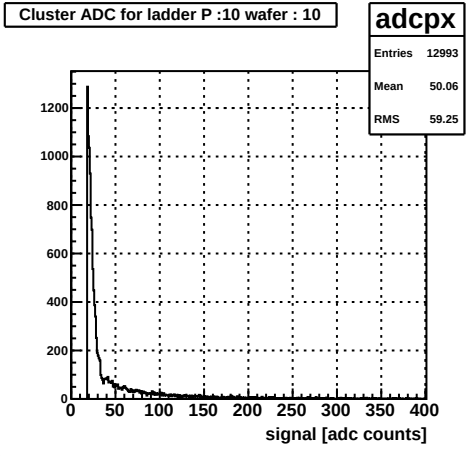

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4407
Mean 43.44
RMS 48.5
signal [adc counts]

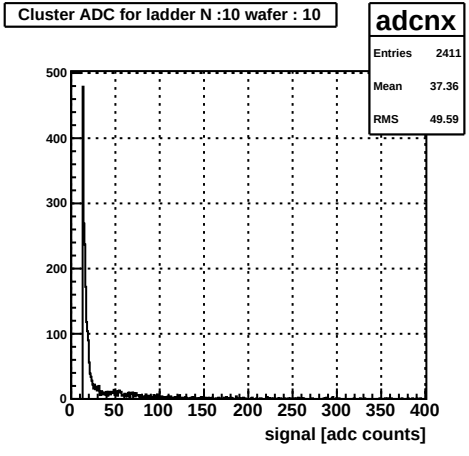

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1447
Mean 53.59
RMS 54.51
signal [adc counts]

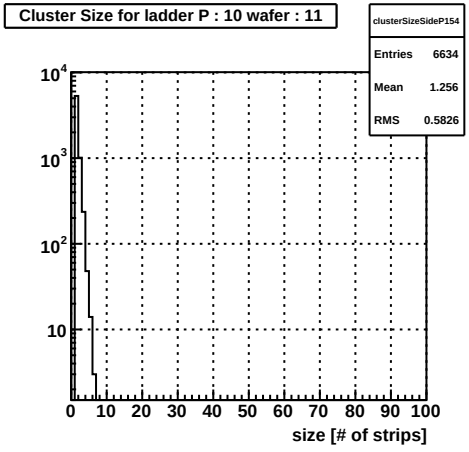

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12993
Mean 1.094
RMS 0.3568
size [# of strips]

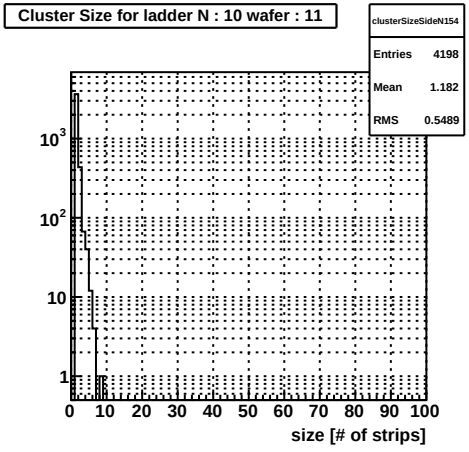

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2411
Mean 1.202
RMS 0.6277
size [# of strips]

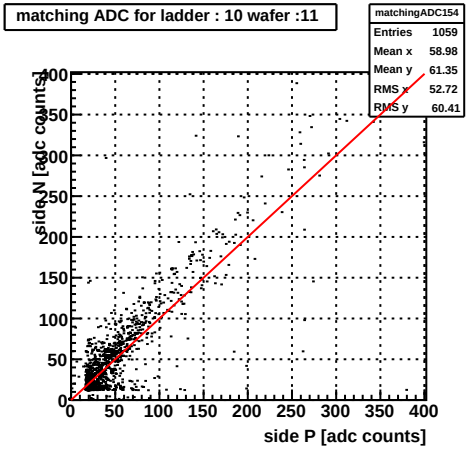

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 701
Mean x 63.19
Mean y 69.54
RMS x 55.76
RMS y 65.96
side N [adc counts]
side P [adc counts]

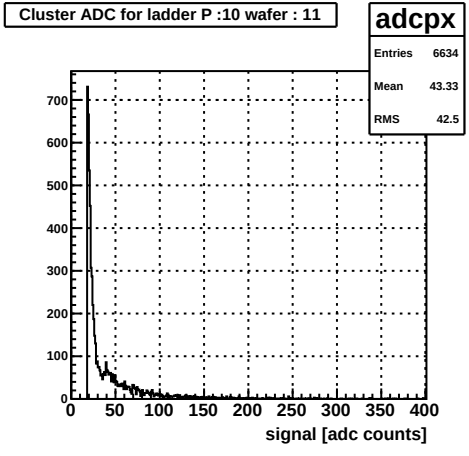

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12993
Mean 50.06
RMS 59.25
signal [adc counts]

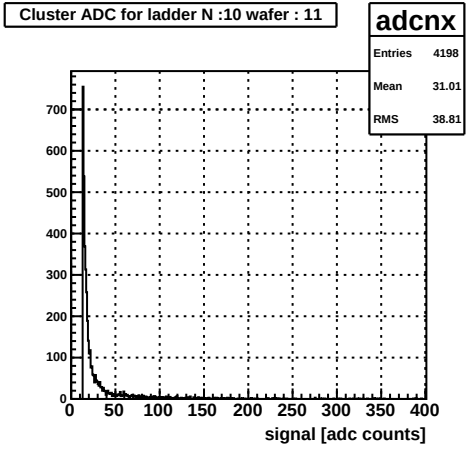

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2411
Mean 37.36
RMS 49.59
signal [adc counts]

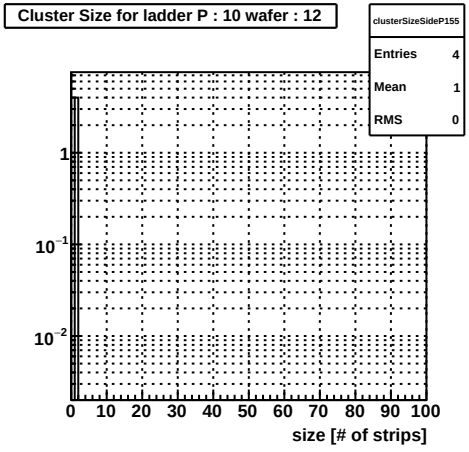

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6634
Mean 1.256
RMS 0.5826
size [# of strips]

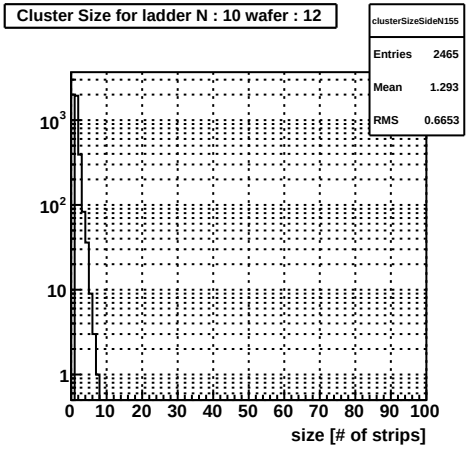

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4198
Mean 1.182
RMS 0.5489
size [# of strips]

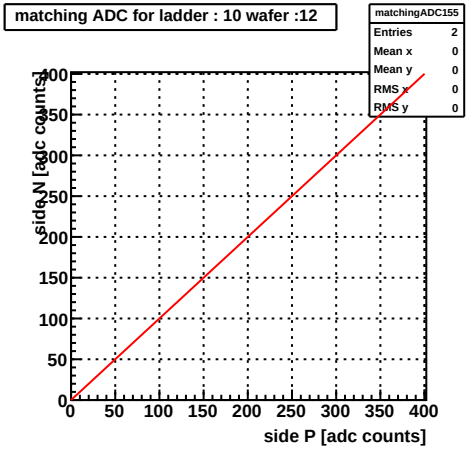

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1059
Mean x 58.98
Mean y 61.35
RMS x 52.72
RMS y 60.41
side N [adc counts]
side P [adc counts]

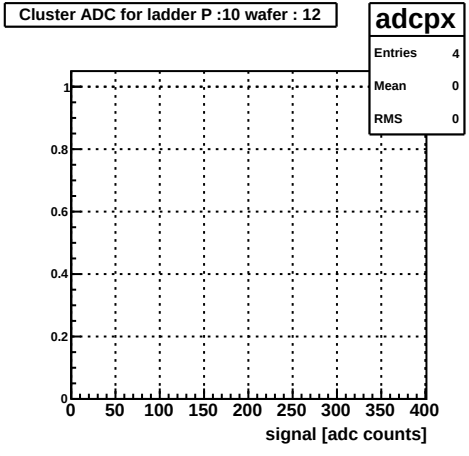

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6634
Mean 43.33
RMS 42.5
signal [adc counts]

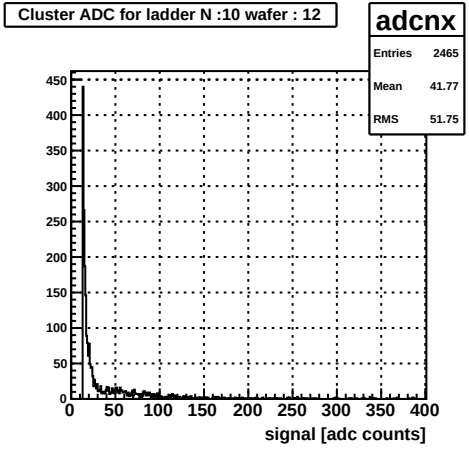

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4198
Mean 31.01
RMS 38.81
signal [adc counts]

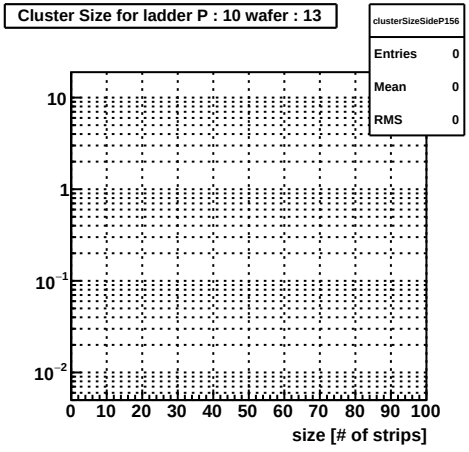

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 4
Mean 1
RMS 0
size [# of strips]

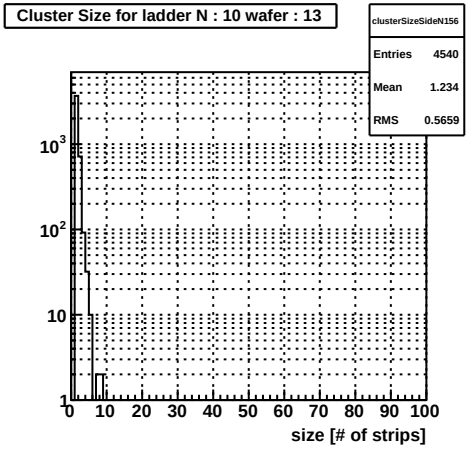

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2465
Mean 1.293
RMS 0.6653
size [# of strips]

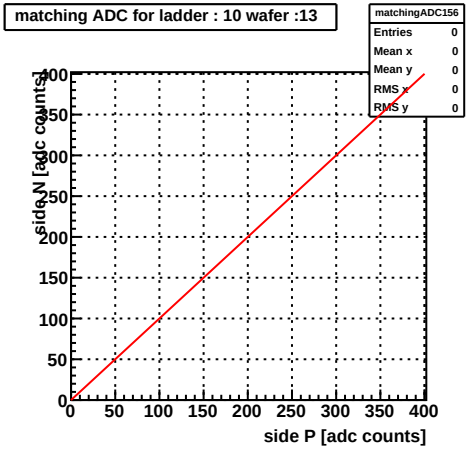

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

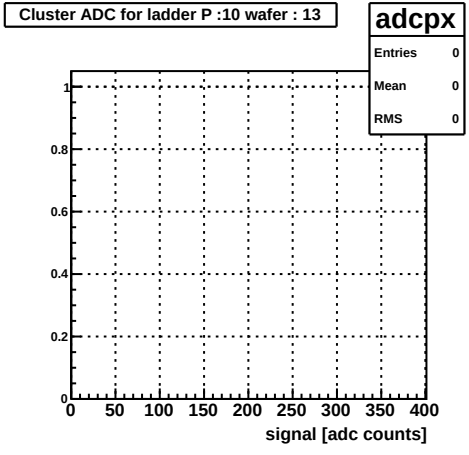

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

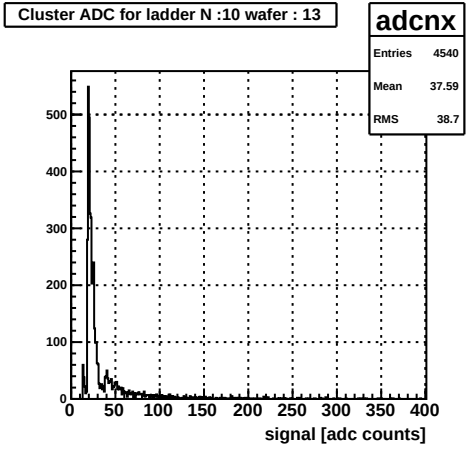

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2465
Mean 41.77
RMS 51.75
signal [adc counts]

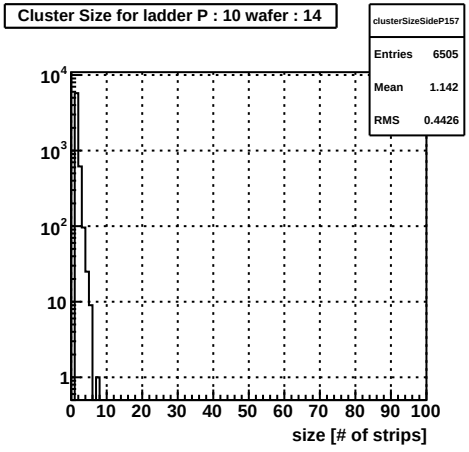

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

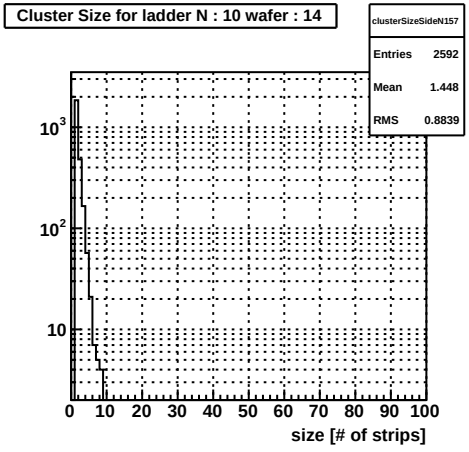

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4540
Mean 1.234
RMS 0.5659
size [# of strips]

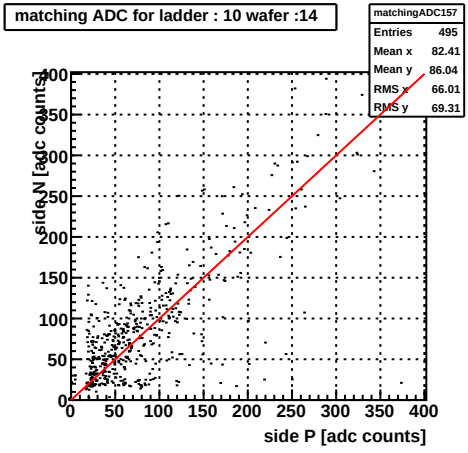

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

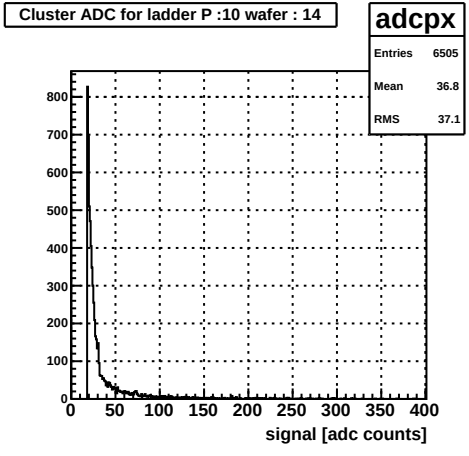

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

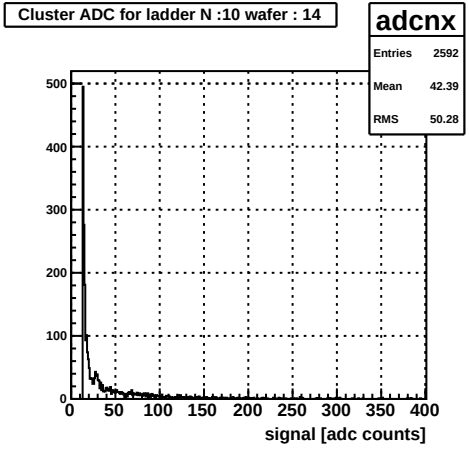

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4540
Mean 37.59
RMS 38.7
signal [adc counts]

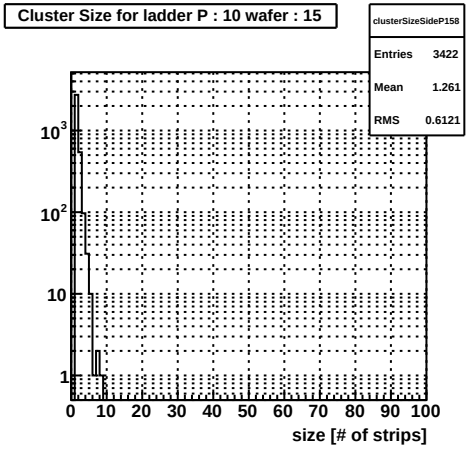

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6505
Mean 1.142
RMS 0.4426
size [# of strips]

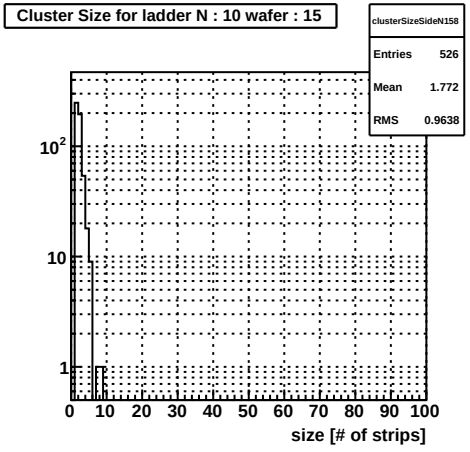

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2592
Mean 1.448
RMS 0.8839
size [# of strips]

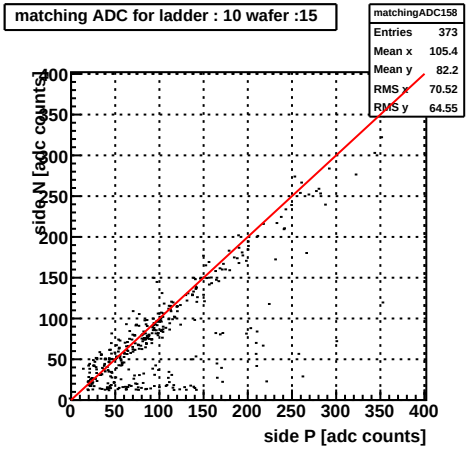

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 495
Mean x 82.41
Mean y 86.04
RMS x 66.01
RMS y 69.31
side N [adc counts]
side P [adc counts]

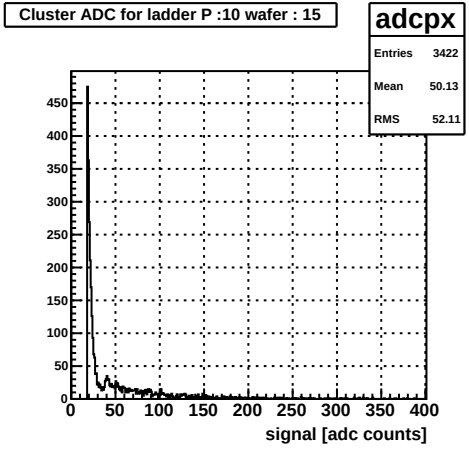

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6505
Mean 36.8
RMS 37.1
signal [adc counts]

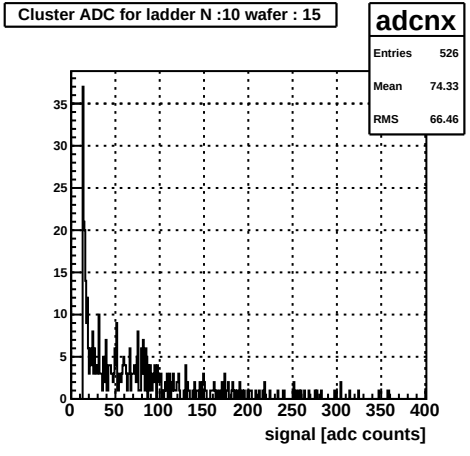

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2592
Mean 42.39
RMS 50.28
signal [adc counts]

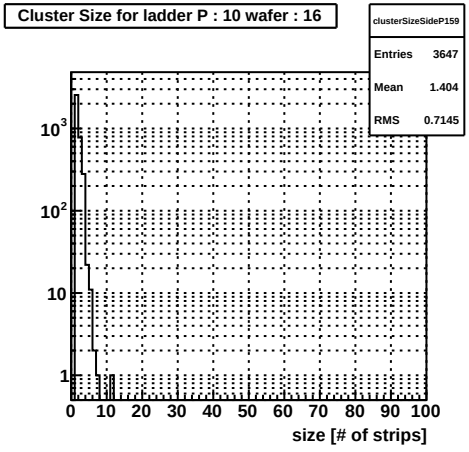

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3422
Mean 1.261
RMS 0.6121
size [# of strips]

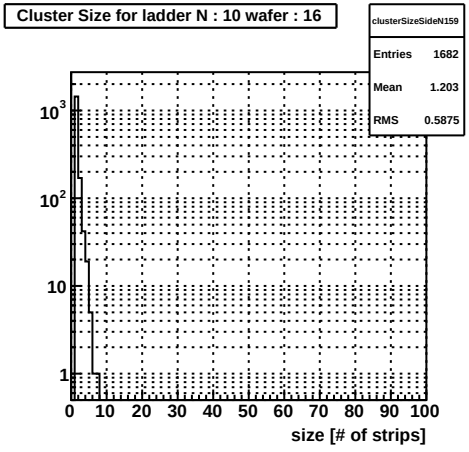

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 526
Mean 1.772
RMS 0.9638
size [# of strips]

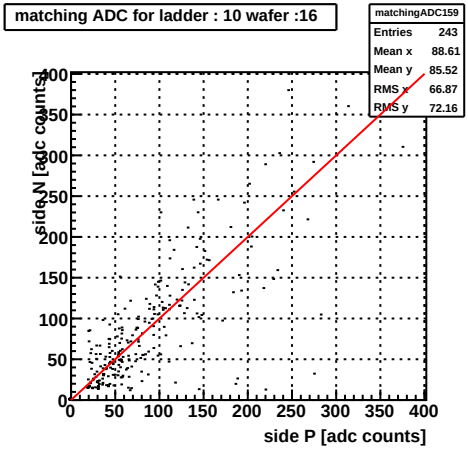

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 373
Mean x 105.4
Mean y 82.2
RMS x 70.52
RMS y 64.55
side N [adc counts]
side P [adc counts]

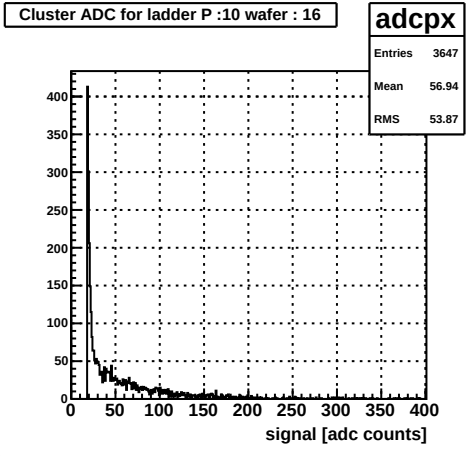

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3422
Mean 50.13
RMS 52.11
signal [adc counts]

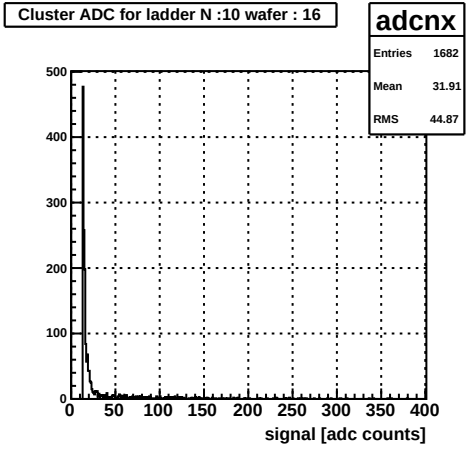

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 526
Mean 74.33
RMS 66.46
signal [adc counts]

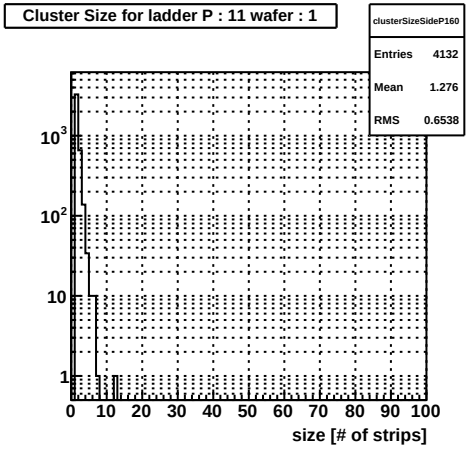

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3647
Mean 1.404
RMS 0.7145
size [# of strips]

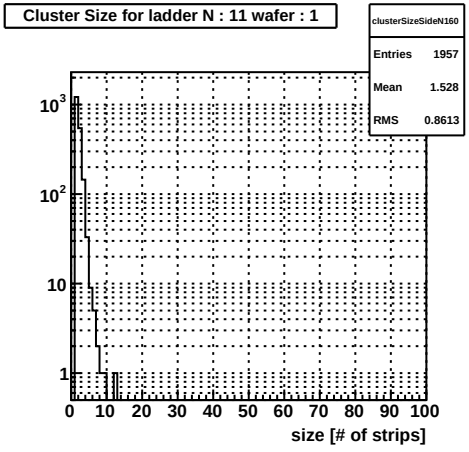

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1682
Mean 1.203
RMS 0.5875
size [# of strips]

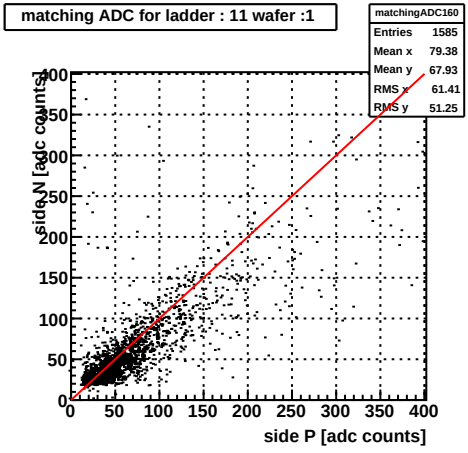

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 243
Mean x 88.61
Mean y 85.52
RMS x 66.87
RMS y 72.16
side N [adc counts]
side P [adc counts]

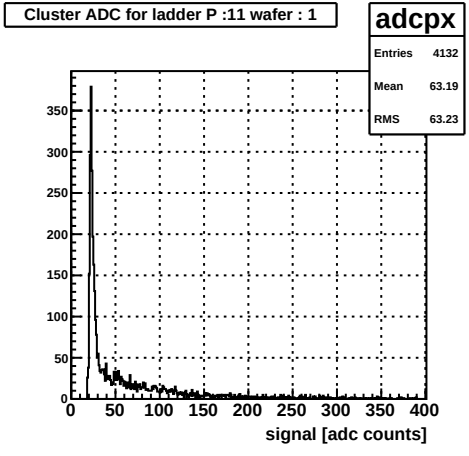

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3647
Mean 56.94
RMS 53.87
signal [adc counts]

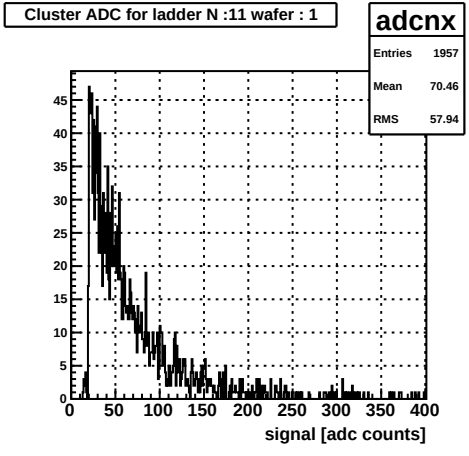

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1682
Mean 31.91
RMS 44.87
signal [adc counts]

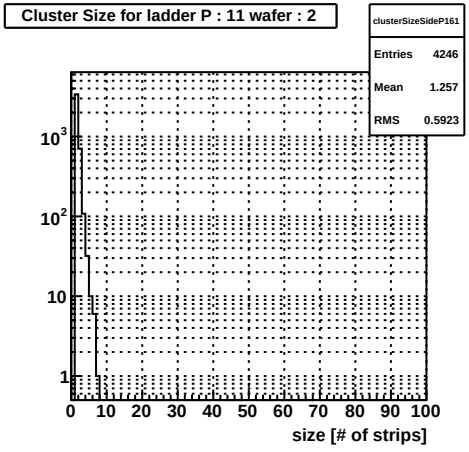

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4132
Mean 1.276
RMS 0.6538
size [# of strips]

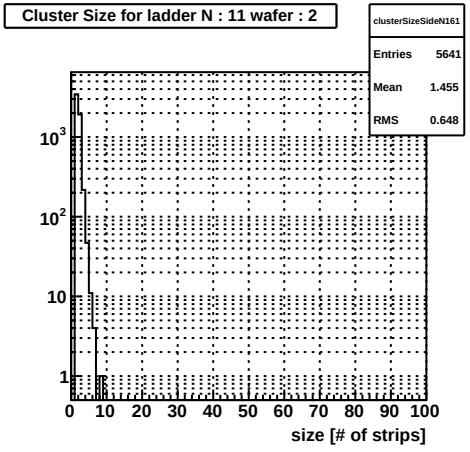

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1957
Mean 1.528
RMS 0.8613
size [# of strips]

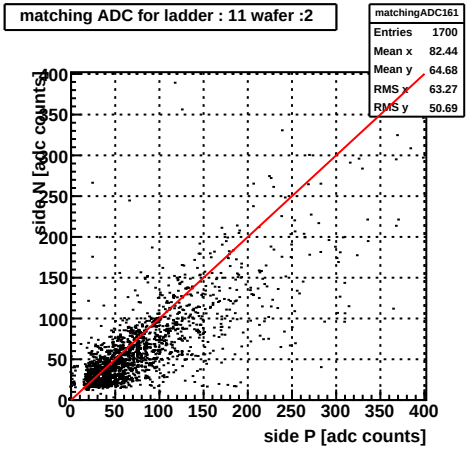

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1585
Mean x 79.38
Mean y 67.93
RMS x 61.41
RMS y 51.25
side N [adc counts]
side P [adc counts]

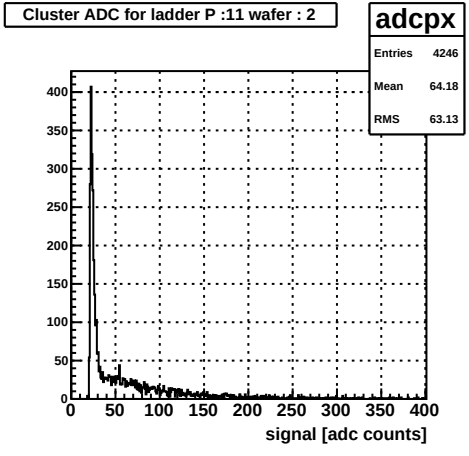

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4132
Mean 63.19
RMS 63.23
signal [adc counts]

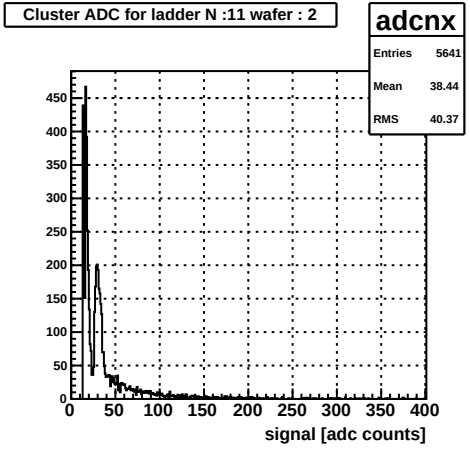

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1957
Mean 70.46
RMS 57.94
signal [adc counts]

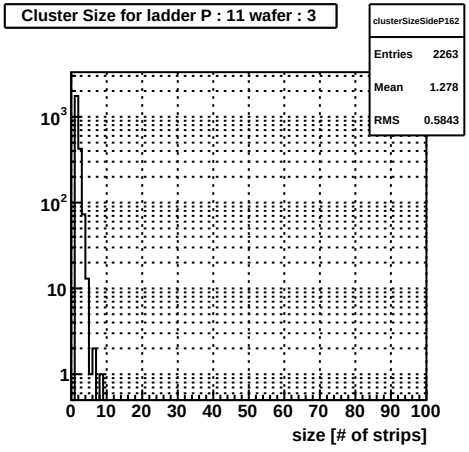

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4246
Mean 1.257
RMS 0.5923
size [# of strips]

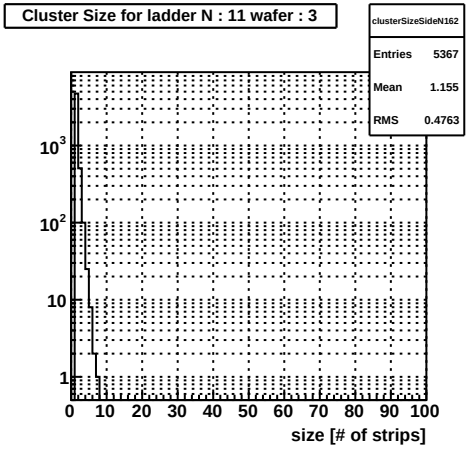

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5641
Mean 1.455
RMS 0.648
size [# of strips]

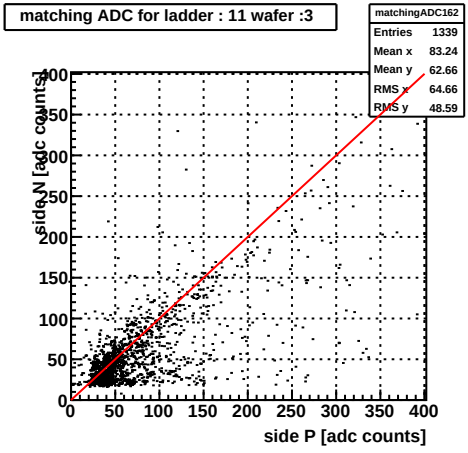

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1700
Mean x 82.44
Mean y 64.68
RMS x 63.27
RMS y 50.69
side N [adc counts]
side P [adc counts]

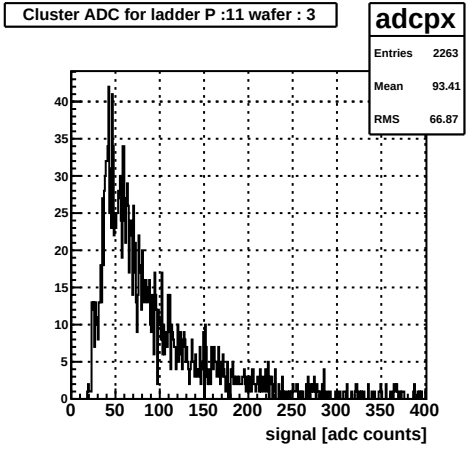

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4246
Mean 64.18
RMS 63.13
signal [adc counts]

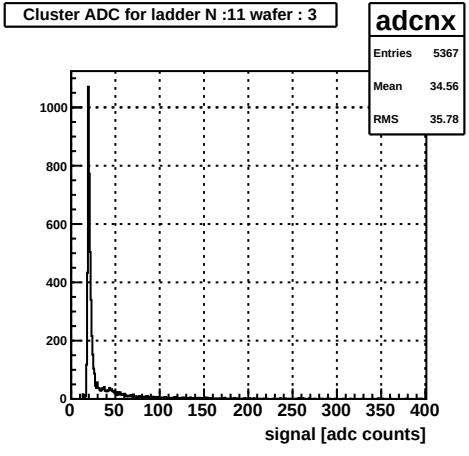

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5641
Mean 38.44
RMS 40.37
signal [adc counts]

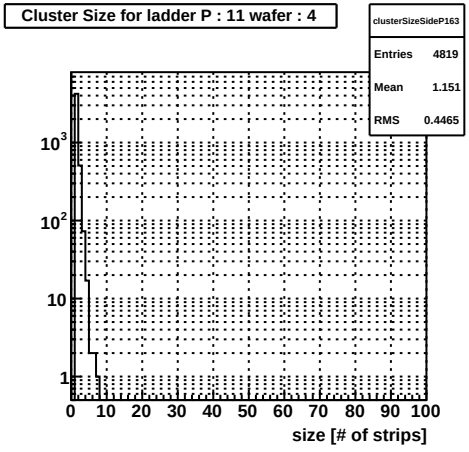

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2263
Mean 1.278
RMS 0.5843
size [# of strips]

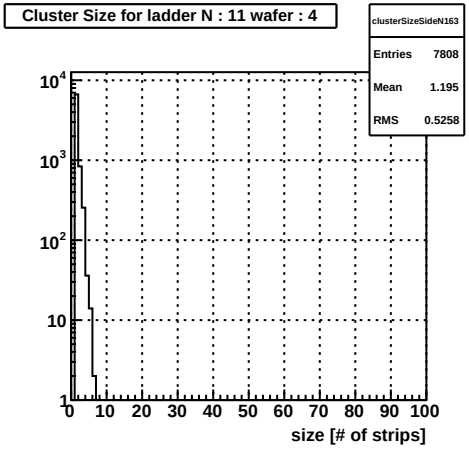

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5367
Mean 1.155
RMS 0.4763
size [# of strips]

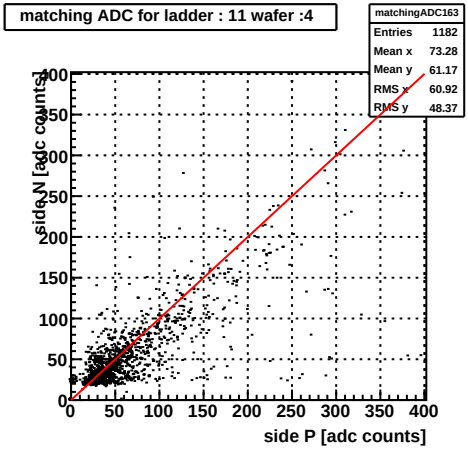

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1339
Mean x 83.24
Mean y 62.66
RMS x 64.66
RMS y 48.59
side N [adc counts]
side P [adc counts]

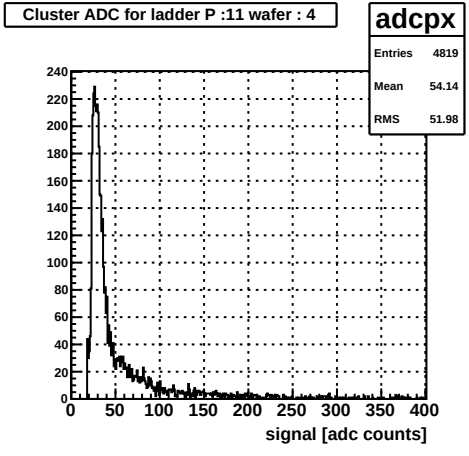

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2263
Mean 93.41
RMS 66.87
signal [adc counts]

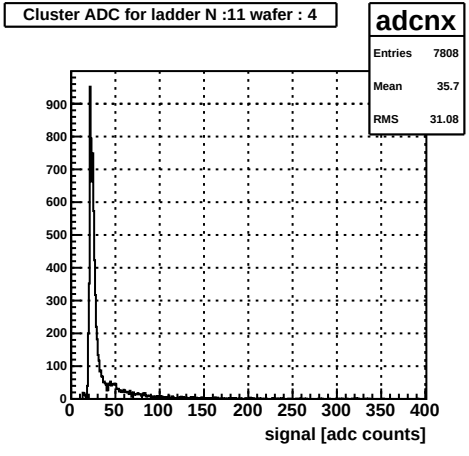

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5367
Mean 34.56
RMS 35.78
signal [adc counts]

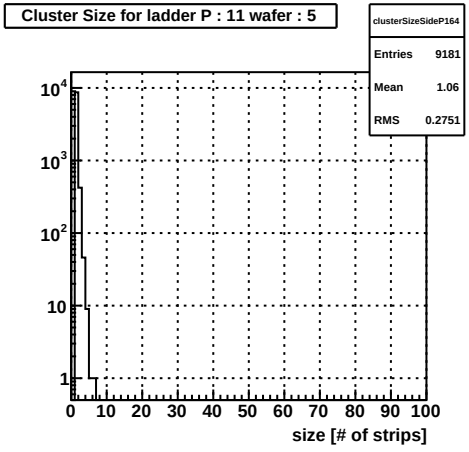

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4819
Mean 1.151
RMS 0.4465
size [# of strips]

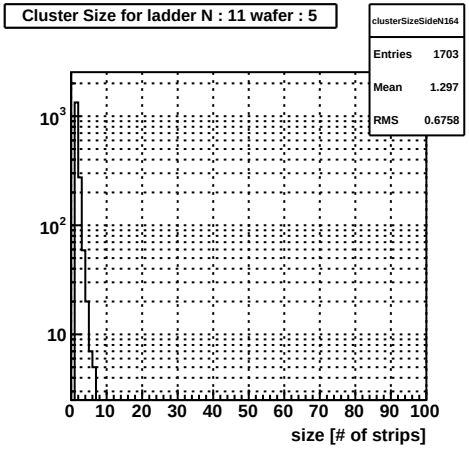

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7808
Mean 1.195
RMS 0.5258
size [# of strips]

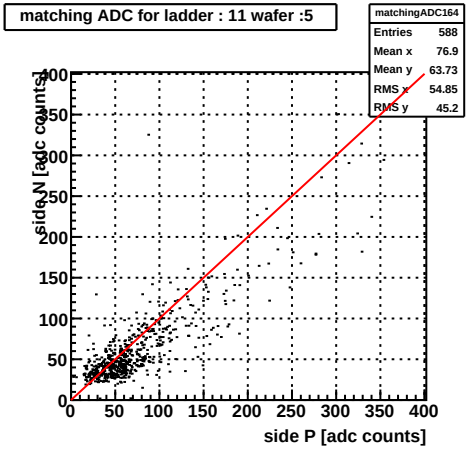

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1182
Mean x 73.28
Mean y 61.17
RMS x 60.92
RMS y 48.37
side N [adc counts]
side P [adc counts]

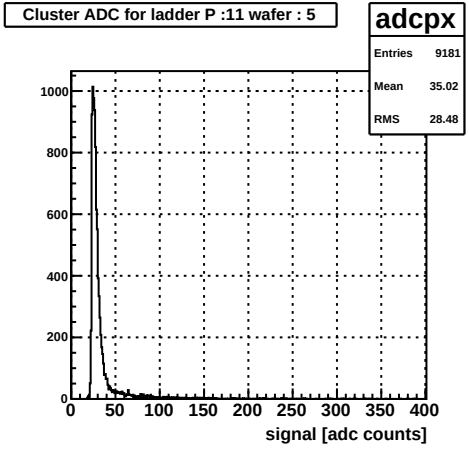

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4819
Mean 54.14
RMS 51.98
signal [adc counts]

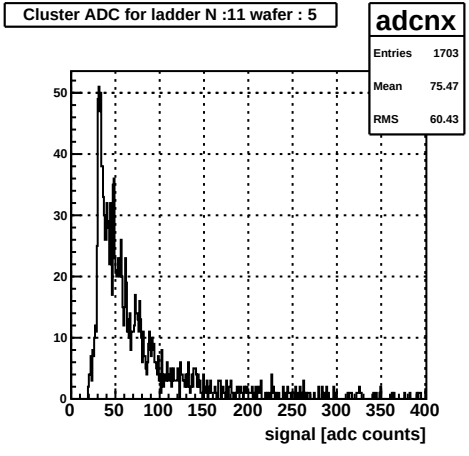

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7808
Mean 35.7
RMS 31.08
signal [adc counts]

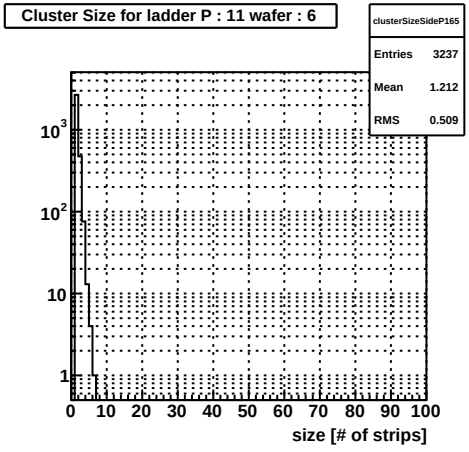

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9181
Mean 1.06
RMS 0.2751
size [# of strips]

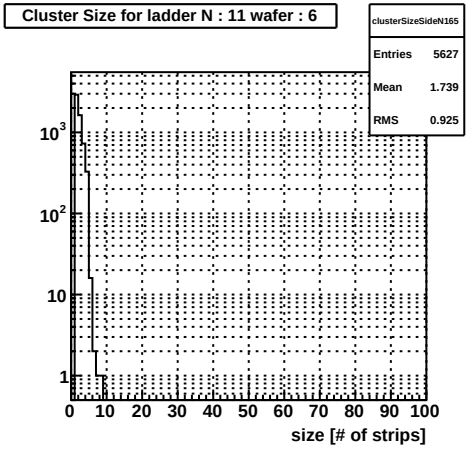

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1703
Mean 1.297
RMS 0.6758
size [# of strips]

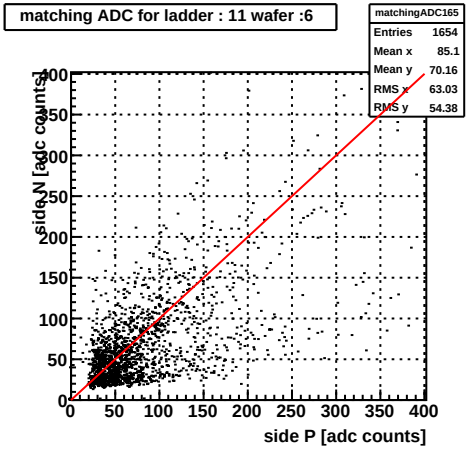

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 588
Mean x 76.9
Mean y 63.73
RMS x 54.85
RMS y 45.2
side N [adc counts]
side P [adc counts]

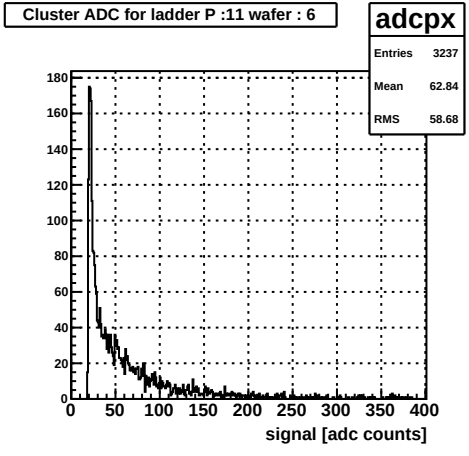

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9181
Mean 35.02
RMS 28.48
signal [adc counts]

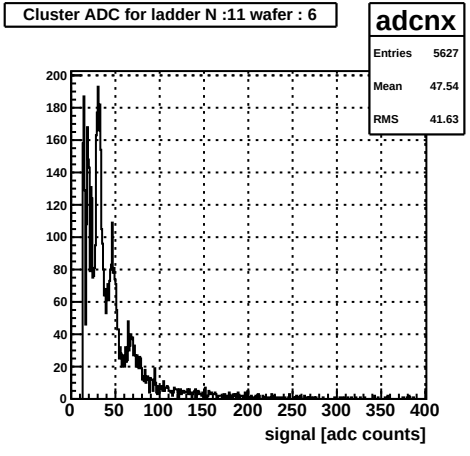

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1703
Mean 75.47
RMS 60.43
signal [adc counts]

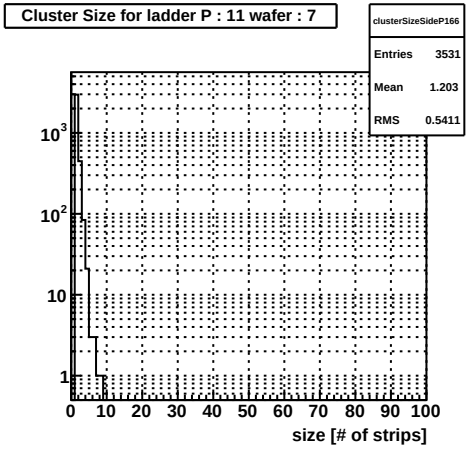

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3237
Mean 1.212
RMS 0.509
size [# of strips]

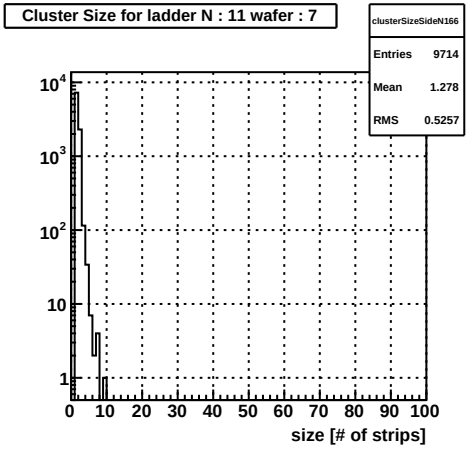

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5627
Mean 1.739
RMS 0.925
size [# of strips]

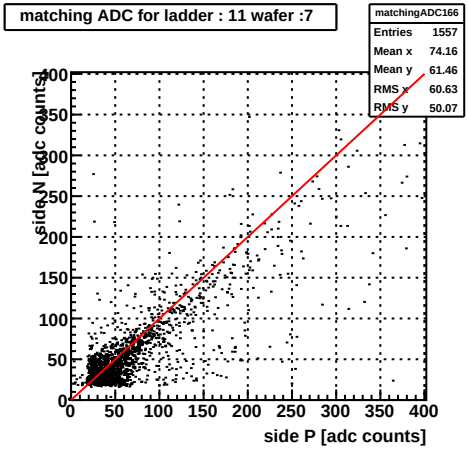

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1654
Mean x 85.1
Mean y 70.16
RMS x 63.03
RMS y 54.38
side N [adc counts]
side P [adc counts]

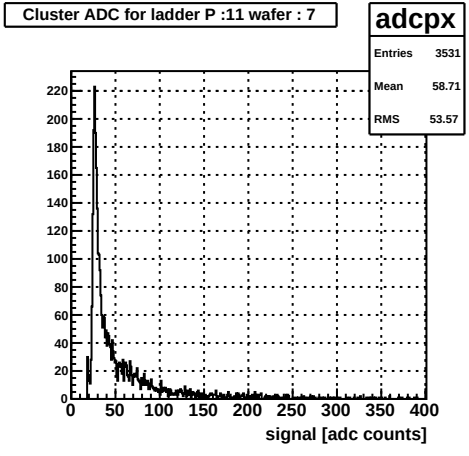

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3237
Mean 62.84
RMS 58.68
signal [adc counts]

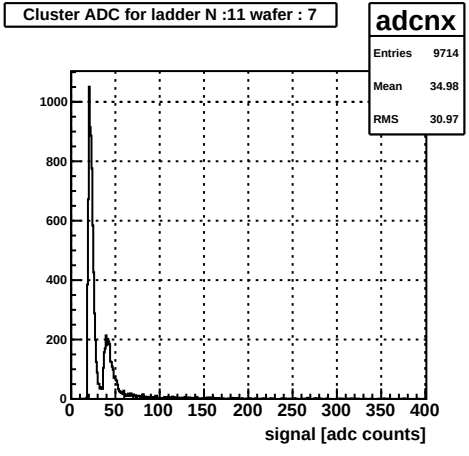

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5627
Mean 47.54
RMS 41.63
signal [adc counts]

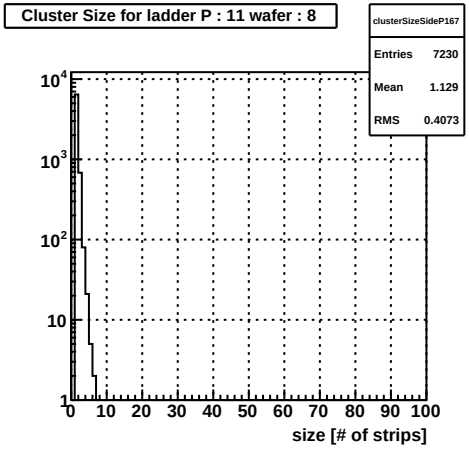

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3531
Mean 1.203
RMS 0.5411
size [# of strips]

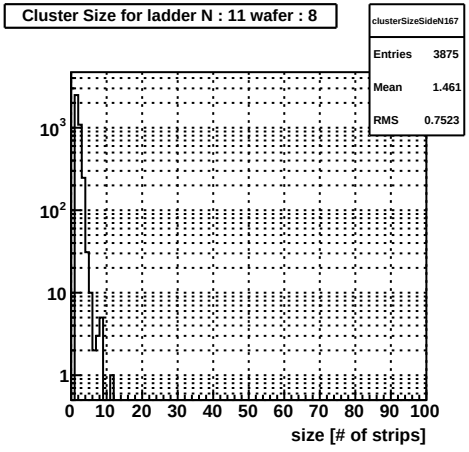

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9714
Mean 1.278
RMS 0.5257
size [# of strips]

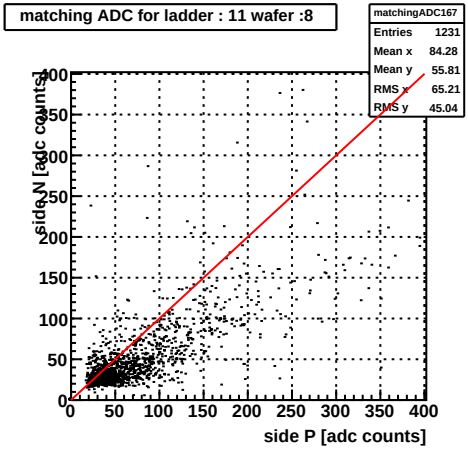

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1557
Mean x 74.16
Mean y 61.46
RMS x 60.63
RMS y 50.07
side N [adc counts]
side P [adc counts]

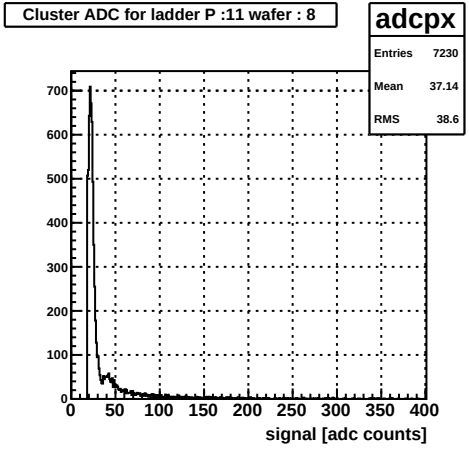

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3531
Mean 58.71
RMS 53.57
signal [adc counts]

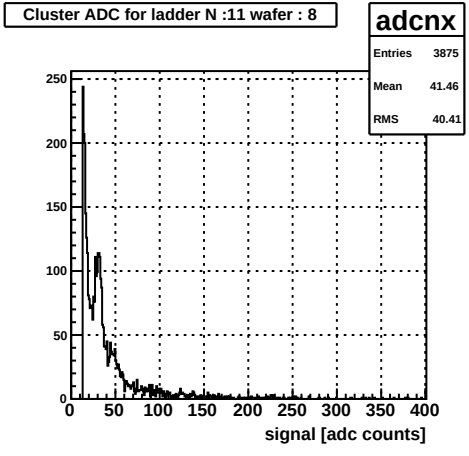

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9714
Mean 34.98
RMS 30.97
signal [adc counts]

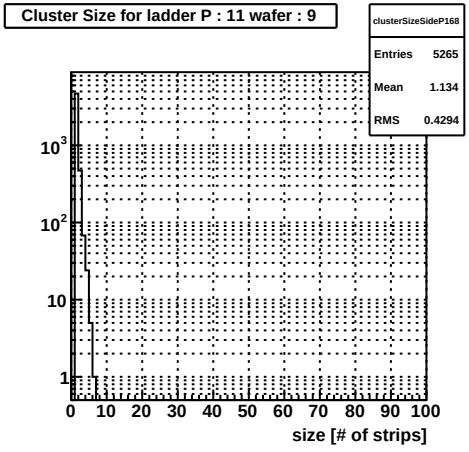

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7230
Mean 1.129
RMS 0.4073
size [# of strips]

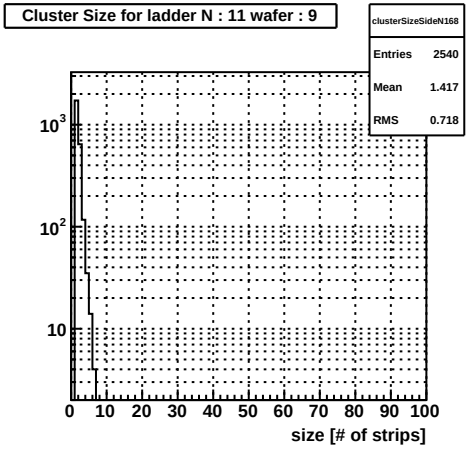

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3875
Mean 1.461
RMS 0.7523
size [# of strips]

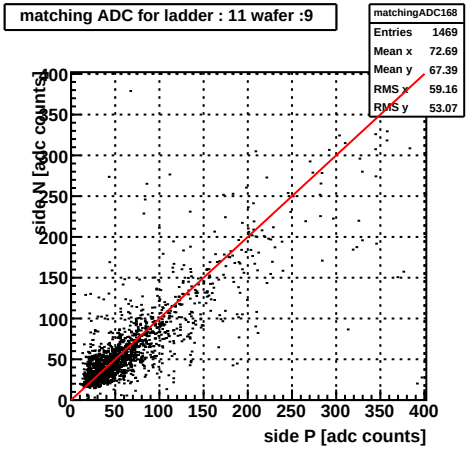

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1231
Mean x 84.28
Mean y 55.81
RMS x 65.21
RMS y 45.04
side N [adc counts]
side P [adc counts]

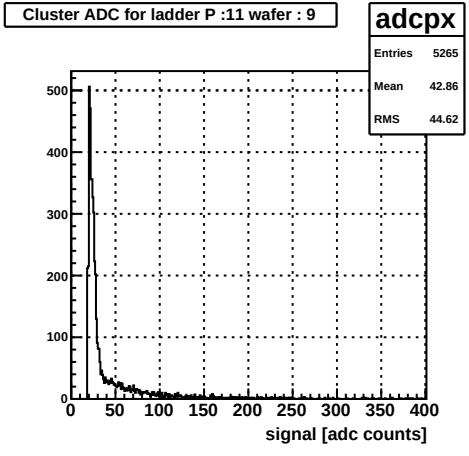

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7230
Mean 37.14
RMS 38.6
signal [adc counts]

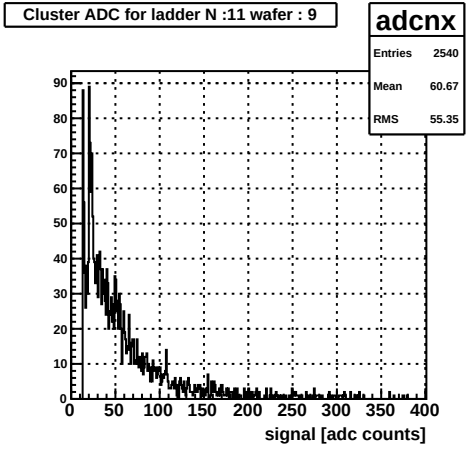

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3875
Mean 41.46
RMS 40.41
signal [adc counts]

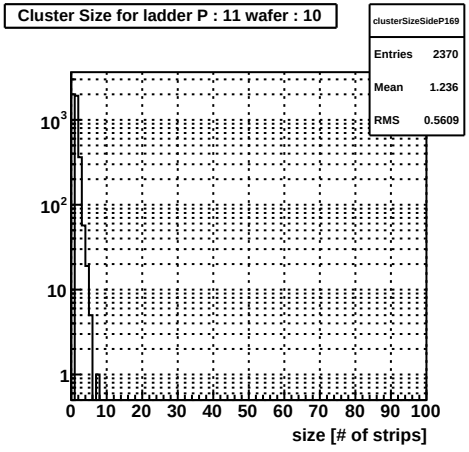

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5265
Mean 1.134
RMS 0.4294
size [# of strips]

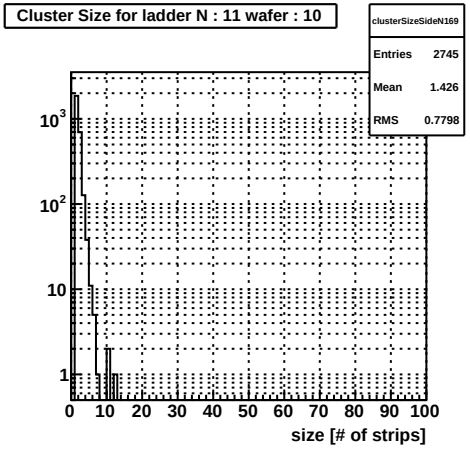

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2540
Mean 1.417
RMS 0.718
size [# of strips]

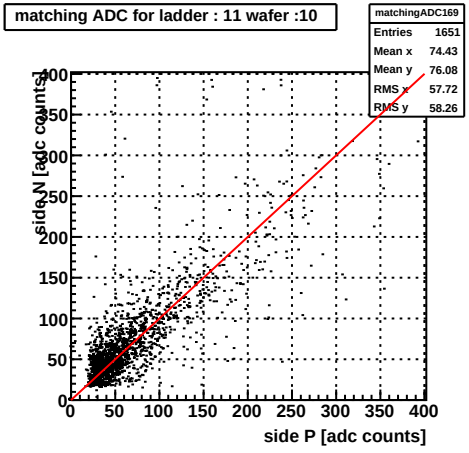

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1469
Mean x 72.69
Mean y 67.39
RMS x 59.16
RMS y 53.07
side N [adc counts]
side P [adc counts]

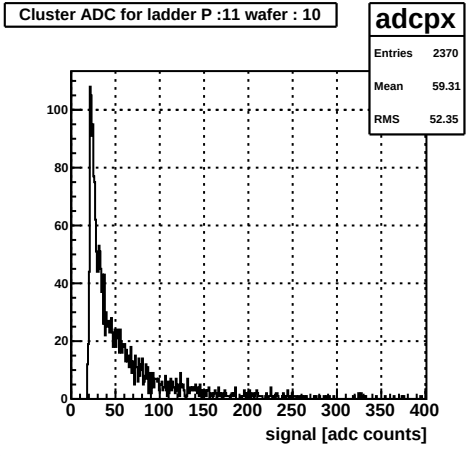

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5265
Mean 42.86
RMS 44.62
signal [adc counts]

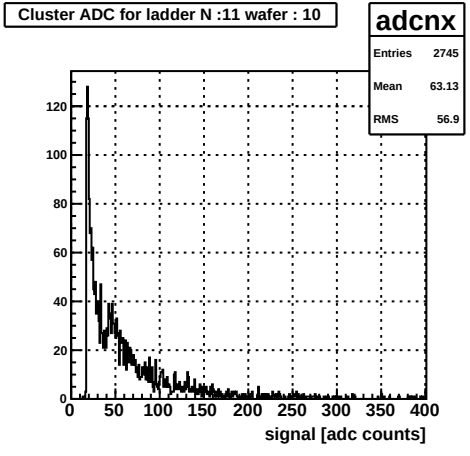

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2540
Mean 60.67
RMS 55.35
signal [adc counts]

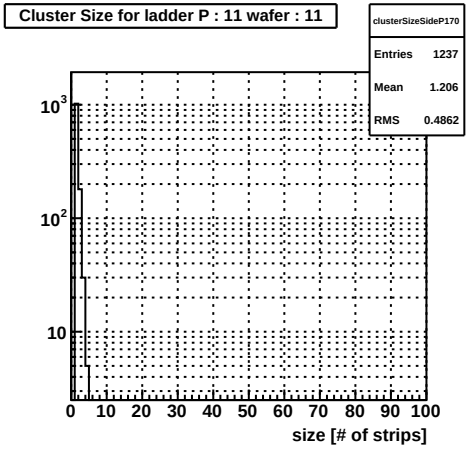

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2370
Mean 1.236
RMS 0.5609
size [# of strips]

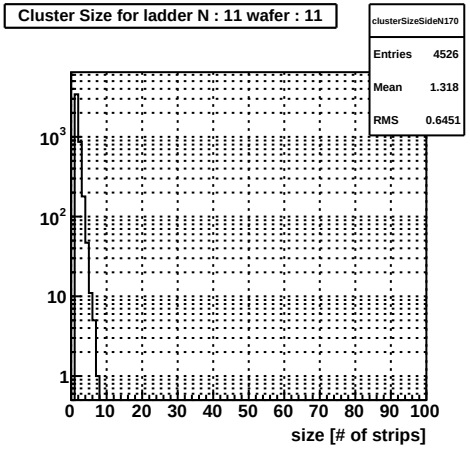

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2745
Mean 1.426
RMS 0.7798
size [# of strips]

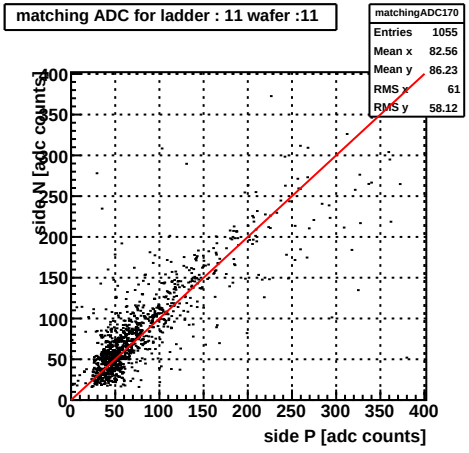

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1651
Mean x 74.43
Mean y 76.08
RMS x 57.72
RMS y 58.26
side N [adc counts]
side P [adc counts]

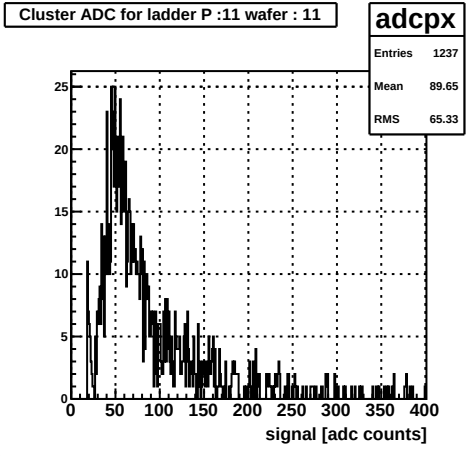

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2370
Mean 59.31
RMS 52.35
signal [adc counts]

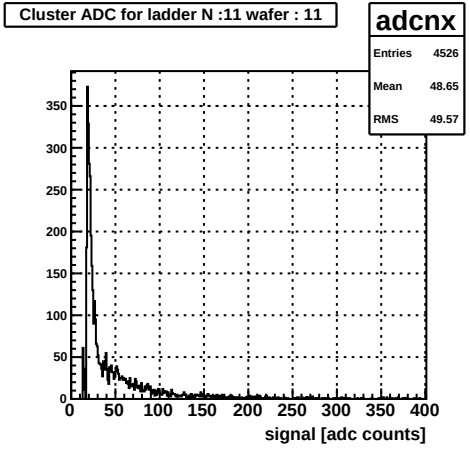

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2745
Mean 63.13
RMS 56.9
signal [adc counts]

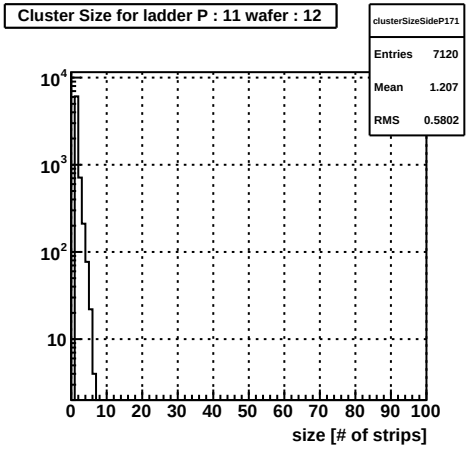

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1237
Mean 1.206
RMS 0.4862
size [# of strips]

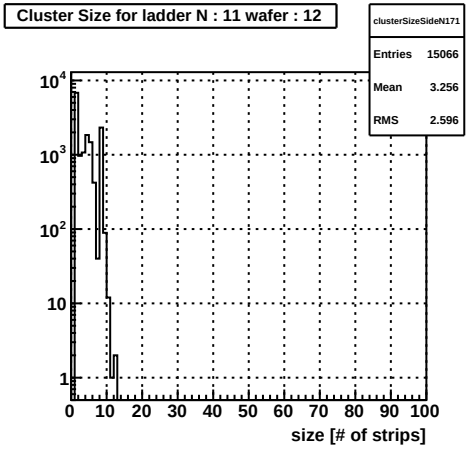

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4526
Mean 1.318
RMS 0.6451
size [# of strips]

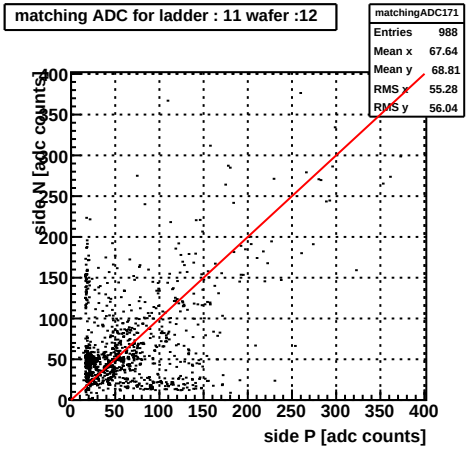

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1055
Mean x 82.56
Mean y 86.23
RMS x 61
RMS y 58.12
side N [adc counts]
side P [adc counts]

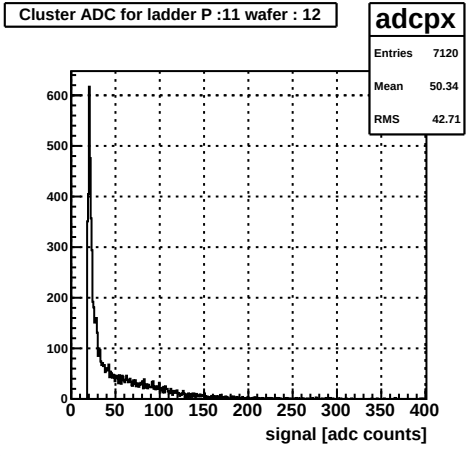

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1237
Mean 89.65
RMS 65.33
signal [adc counts]

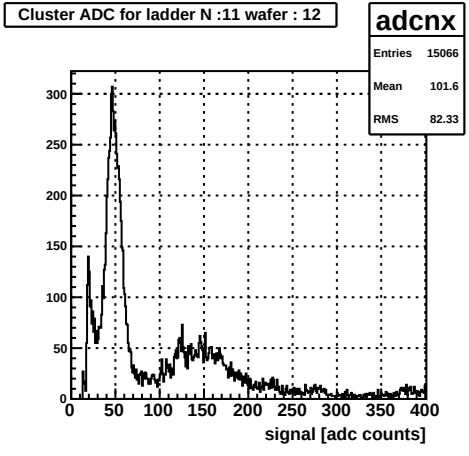

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4526
Mean 48.65
RMS 49.57
signal [adc counts]

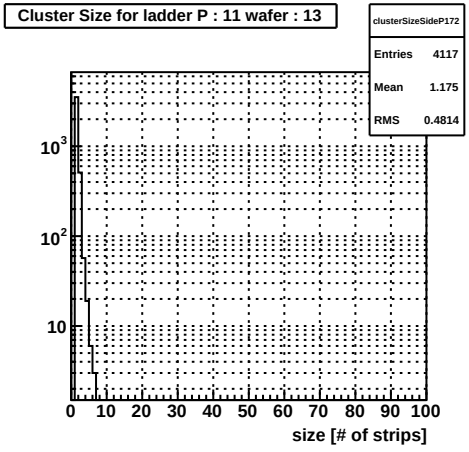

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7120
Mean 1.207
RMS 0.5802
size [# of strips]

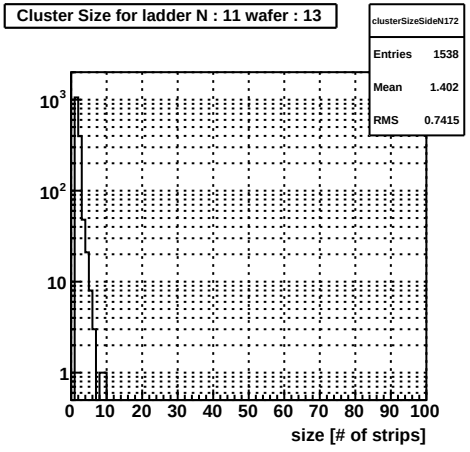

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15066
Mean 3.256
RMS 2.596
size [# of strips]

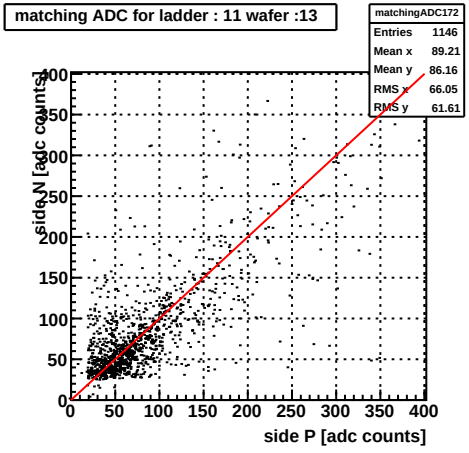

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 988
Mean x 67.64
Mean y 68.81
RMS x 55.28
RMS y 56.04
side N [adc counts]
side P [adc counts]

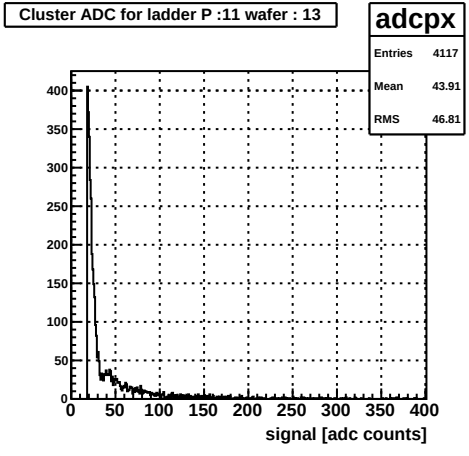

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7120
Mean 50.34
RMS 42.71
signal [adc counts]

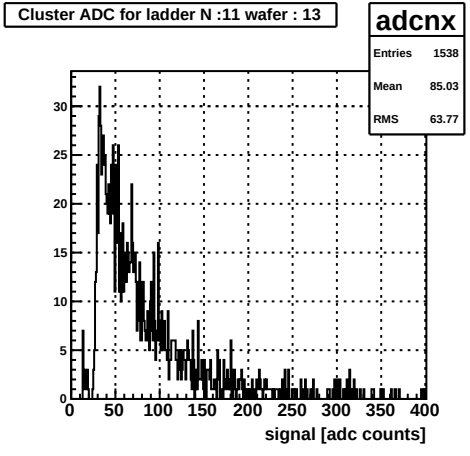

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15066
Mean 101.6
RMS 82.33
signal [adc counts]

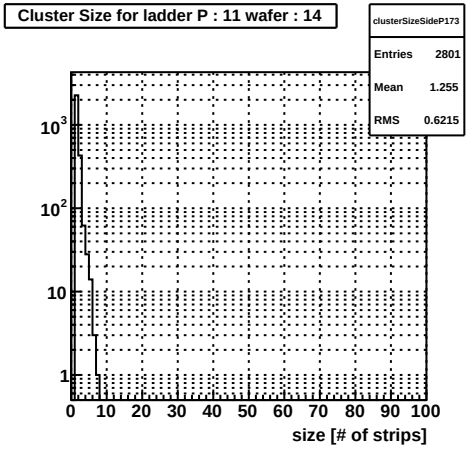

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4117
Mean 1.175
RMS 0.4814
size [# of strips]

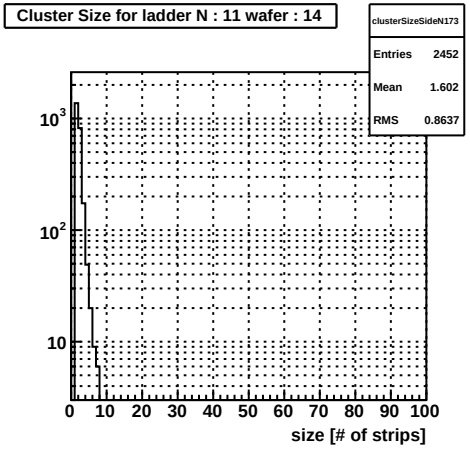

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1538
Mean 1.402
RMS 0.7415
size [# of strips]

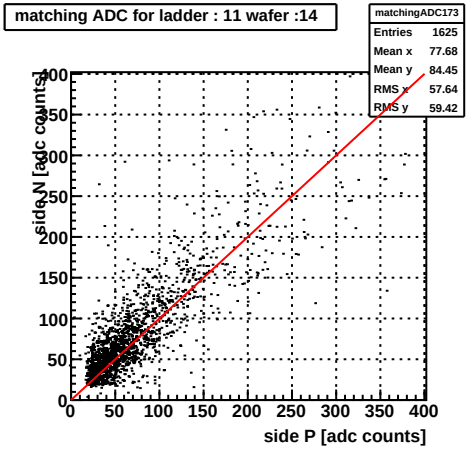

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1146
Mean x 89.21
Mean y 86.16
RMS x 66.05
RMS y 61.61
side N [adc counts]
side P [adc counts]

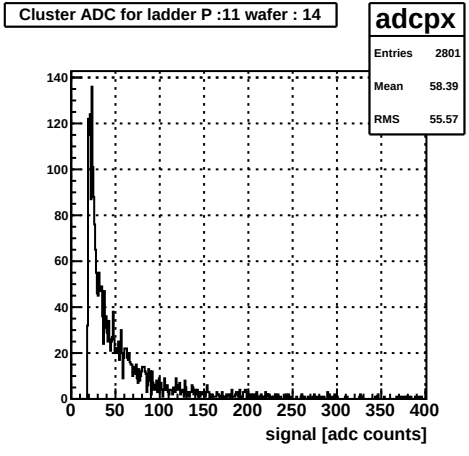

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4117
Mean 43.91
RMS 46.81
signal [adc counts]

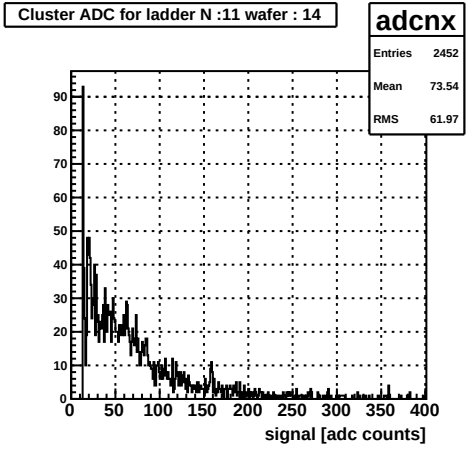

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1538
Mean 85.03
RMS 63.77
signal [adc counts]

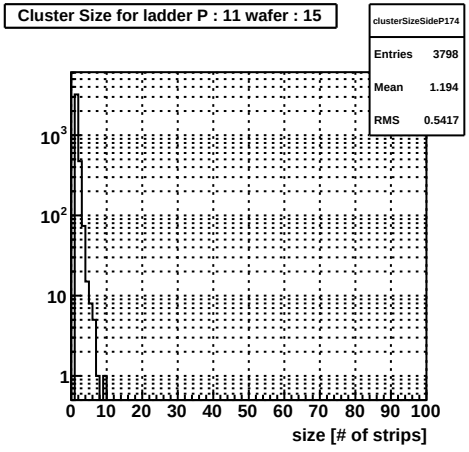

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2801
Mean 1.255
RMS 0.6215
size [# of strips]

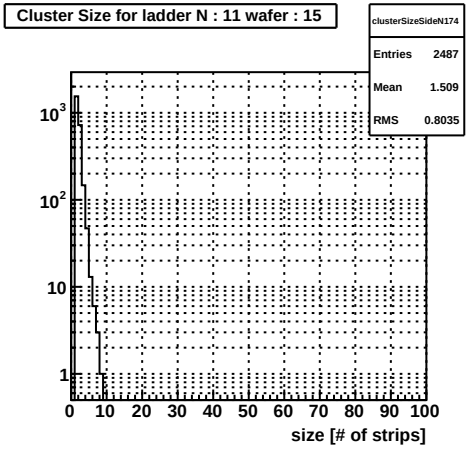

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2452
Mean 1.602
RMS 0.8637
size [# of strips]

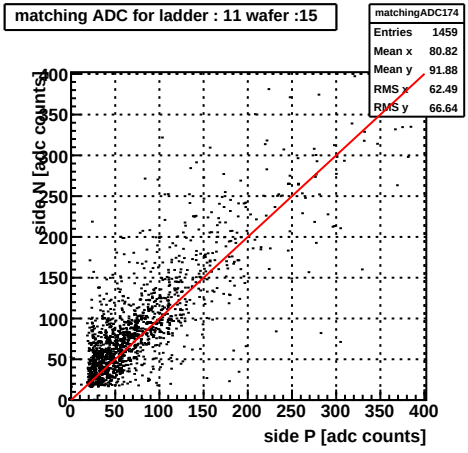

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1625
Mean x 77.68
Mean y 84.45
RMS x 57.64
RMS y 59.42
side N [adc counts]
side P [adc counts]

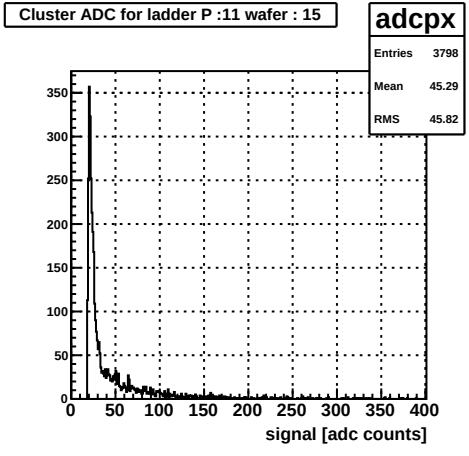

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2801
Mean 58.39
RMS 55.57
signal [adc counts]

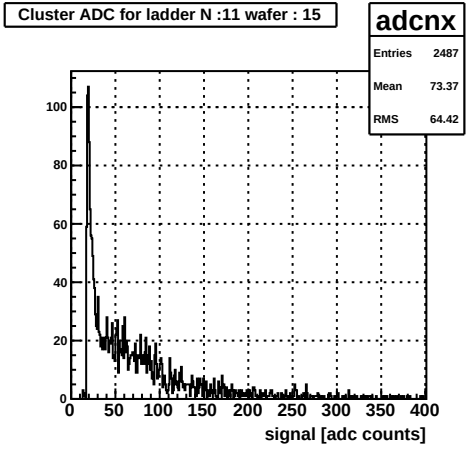

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2452
Mean 73.54
RMS 61.97
signal [adc counts]

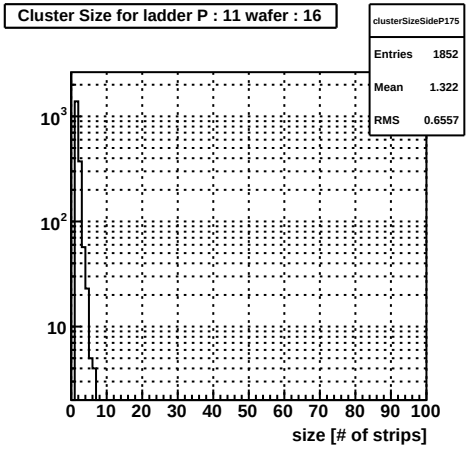

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3798
Mean 1.194
RMS 0.5417
size [# of strips]

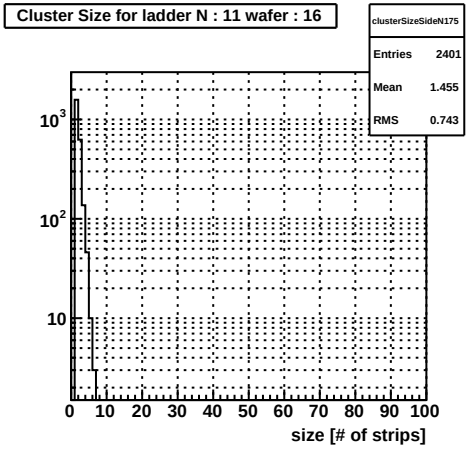

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2487
Mean 1.509
RMS 0.8035
size [# of strips]

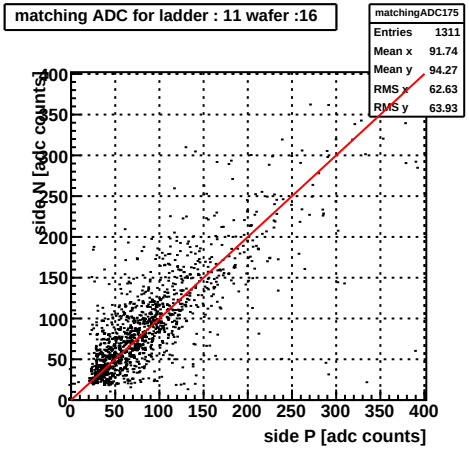

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1459
Mean x 80.82
Mean y 91.88
RMS x 62.49
RMS y 66.64
side N [adc counts]
side P [adc counts]

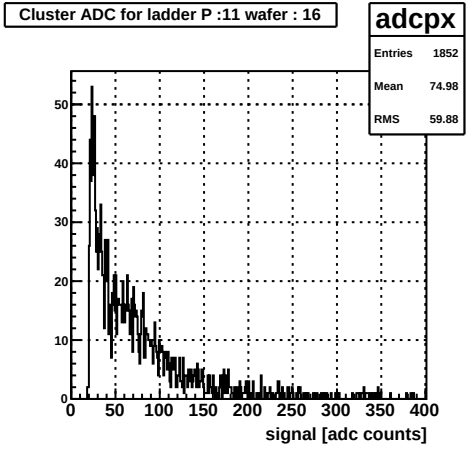

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3798
Mean 45.29
RMS 45.82
signal [adc counts]

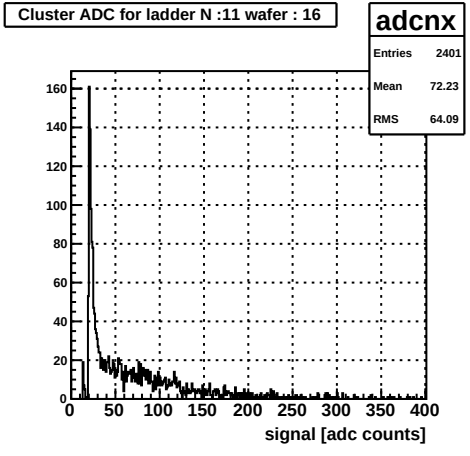

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2487
Mean 73.37
RMS 64.42
signal [adc counts]

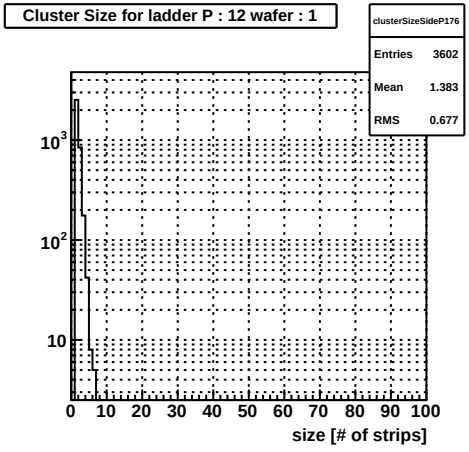

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1852
Mean 1.322
RMS 0.6557
size [# of strips]

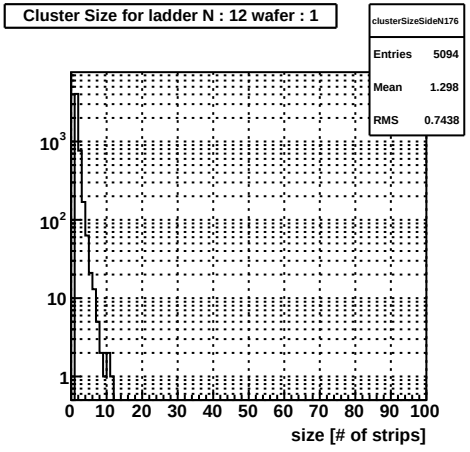

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2401
Mean 1.455
RMS 0.743
size [# of strips]

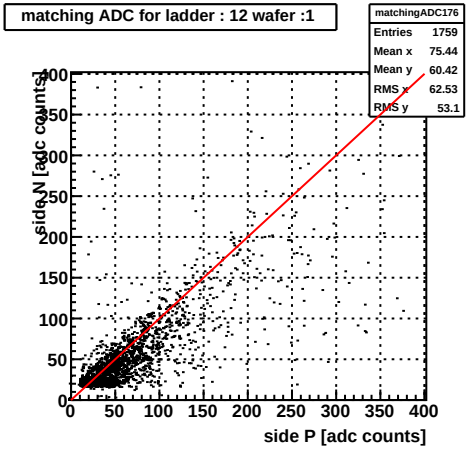

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1311
Mean x 91.74
Mean y 94.27
RMS x 62.63
RMS y 63.93
side N [adc counts]
side P [adc counts]

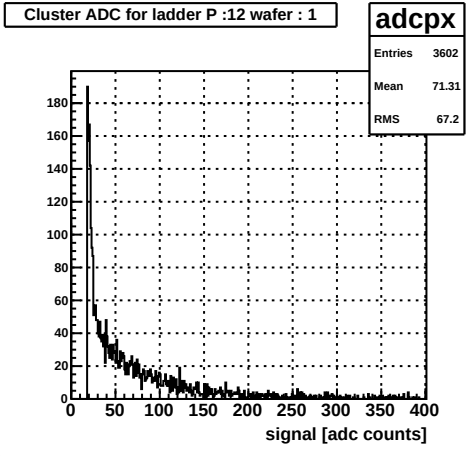

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1852
Mean 74.98
RMS 59.88
signal [adc counts]

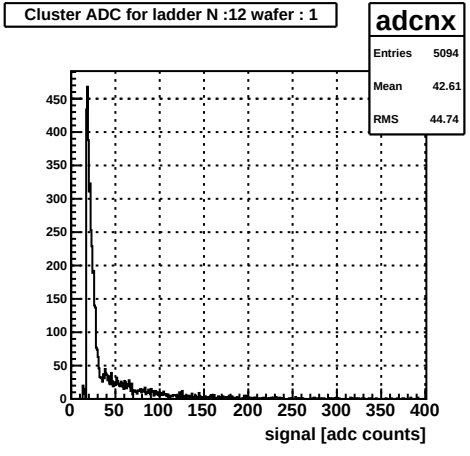

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2401
Mean 72.23
RMS 64.09
signal [adc counts]

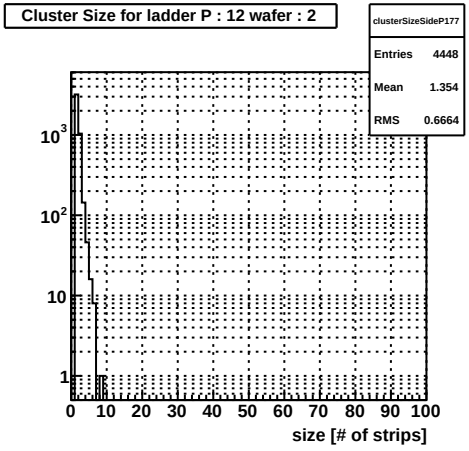

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3602
Mean 1.383
RMS 0.677
size [# of strips]

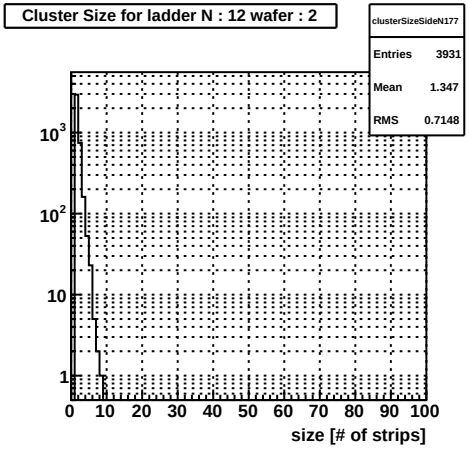

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5094
Mean 1.298
RMS 0.7438
size [# of strips]

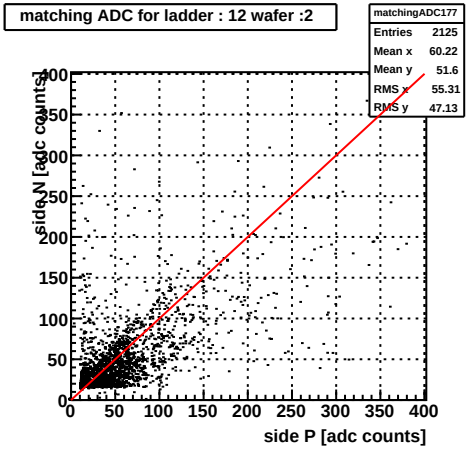

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1759
Mean x 75.44
Mean y 60.42
RMS x 62.53
RMS y 53.1
side N [adc counts]
side P [adc counts]

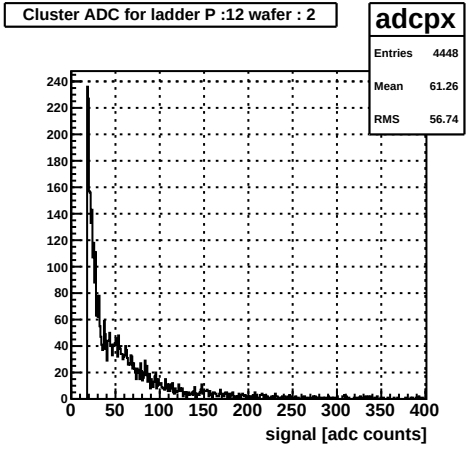

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3602
Mean 71.31
RMS 67.2
signal [adc counts]

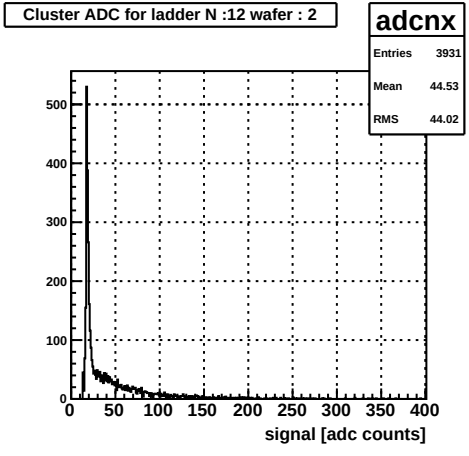

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5094
Mean 42.61
RMS 44.74
signal [adc counts]

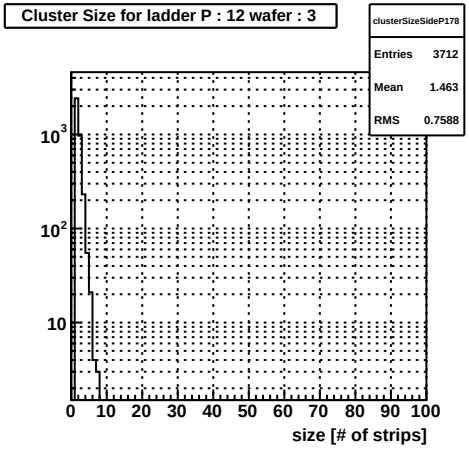

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4448
Mean 1.354
RMS 0.6664
size [# of strips]

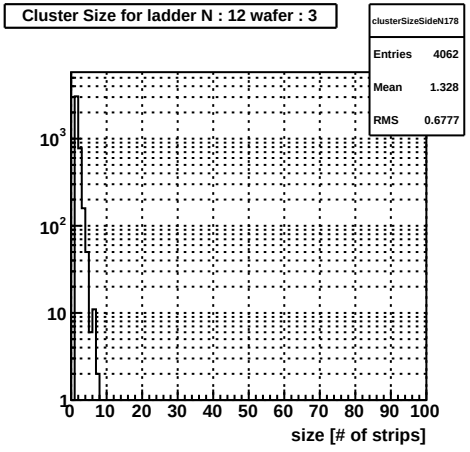

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3931
Mean 1.347
RMS 0.7148
size [# of strips]

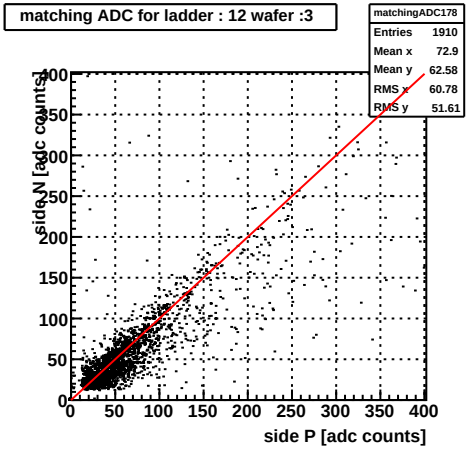

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2125
Mean x 60.22
Mean y 51.6
RMS x 55.31
RMS y 47.13
side N [adc counts]
side P [adc counts]

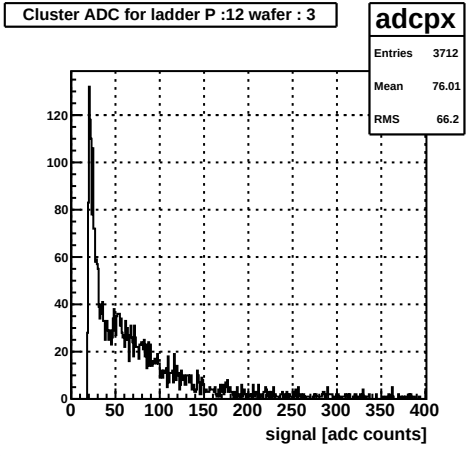

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4448
Mean 61.26
RMS 56.74
signal [adc counts]

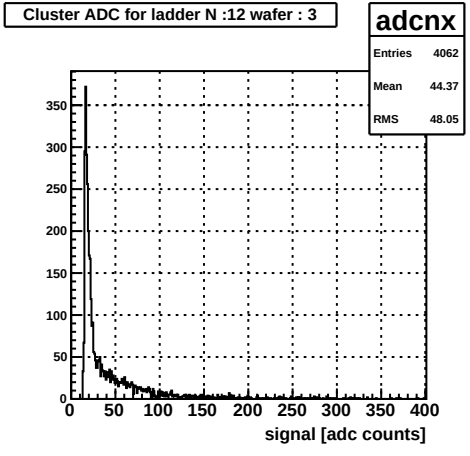

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3931
Mean 44.53
RMS 44.02
signal [adc counts]

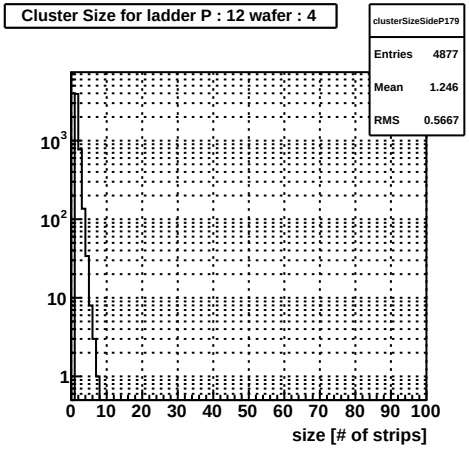

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3712
Mean 1.463
RMS 0.7588
size [# of strips]

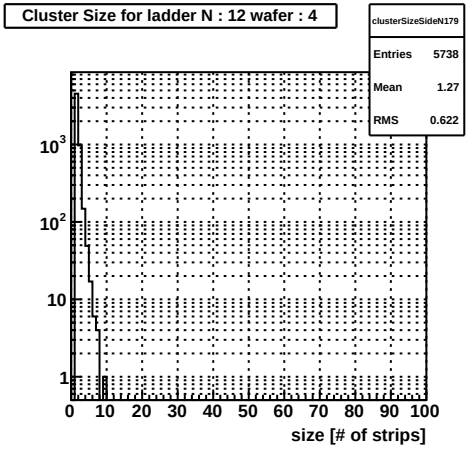

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4062
Mean 1.328
RMS 0.6777
size [# of strips]

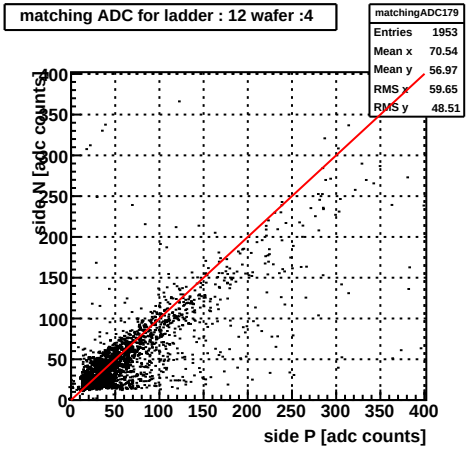

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1910
Mean x 72.9
Mean y 62.58
RMS x 60.78
RMS y 51.61
side N [adc counts]
side P [adc counts]

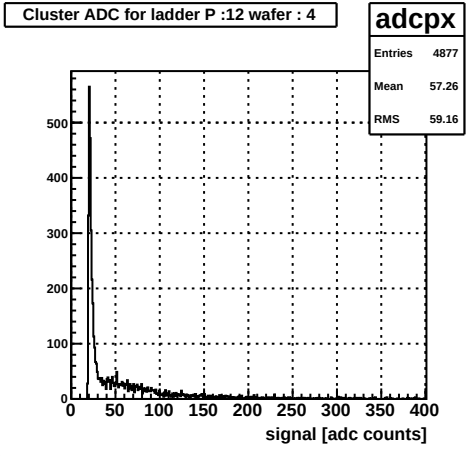

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3712
Mean 76.01
RMS 66.2
signal [adc counts]

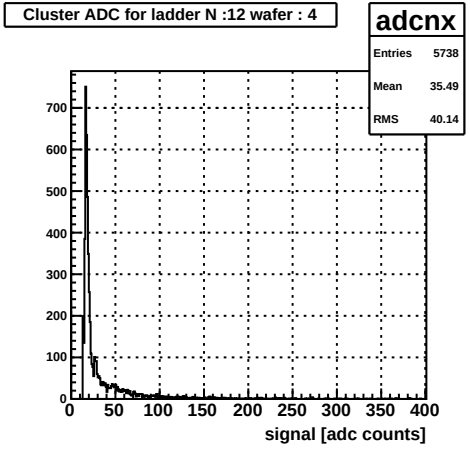

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4062
Mean 44.37
RMS 48.05
signal [adc counts]

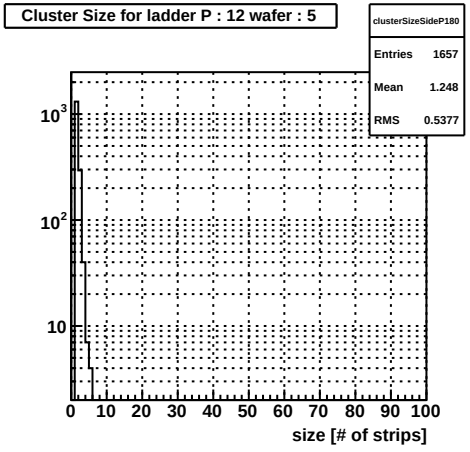

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4877
Mean 1.246
RMS 0.5667
size [# of strips]

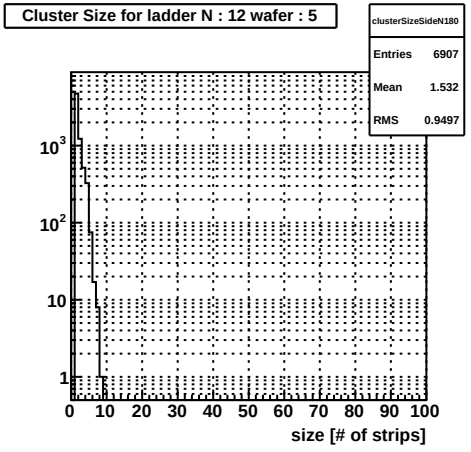

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5738
Mean 1.27
RMS 0.622
size [# of strips]

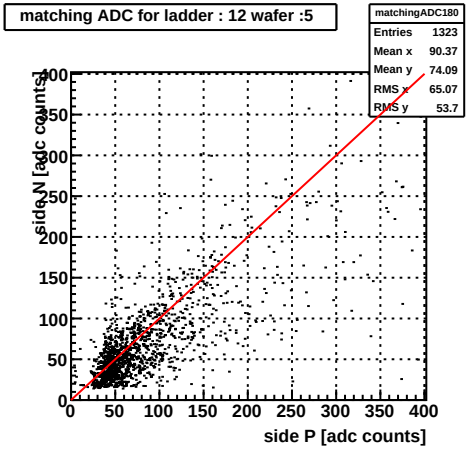

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1953
Mean x 70.54
Mean y 56.97
RMS x 59.65
RMS y 48.51
side N [adc counts]
side P [adc counts]

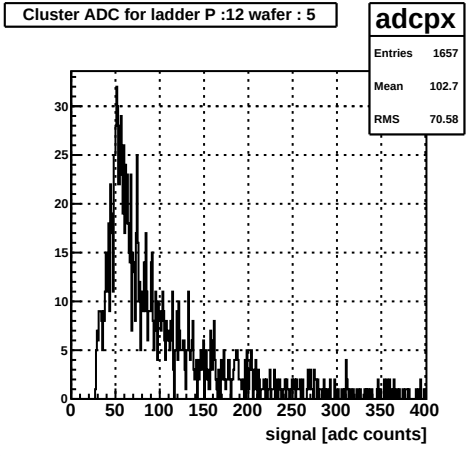

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4877
Mean 57.26
RMS 59.16
signal [adc counts]

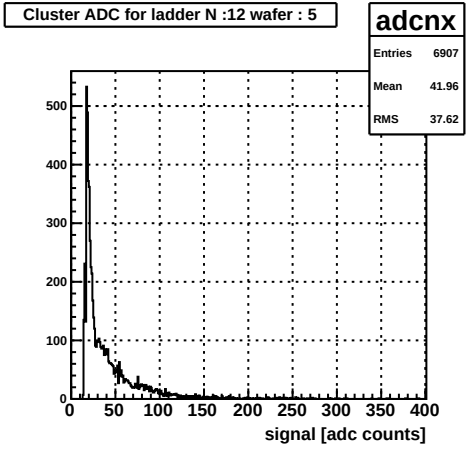

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5738
Mean 35.49
RMS 40.14
signal [adc counts]

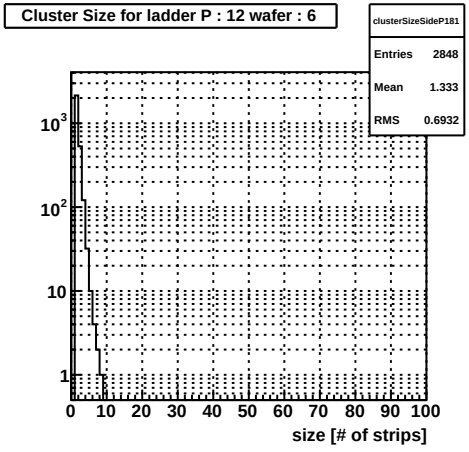

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1657
Mean 1.248
RMS 0.5377
size [# of strips]

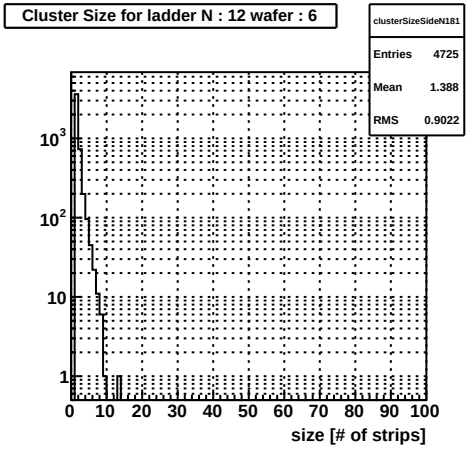

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6907
Mean 1.532
RMS 0.9497
size [# of strips]

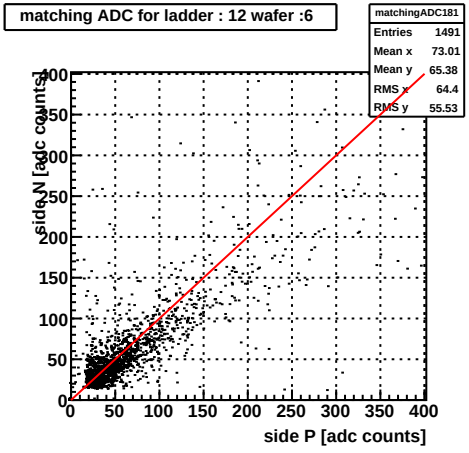

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1323
Mean x 90.37
Mean y 74.09
RMS x 65.07
RMS y 53.7
side N [adc counts]
side P [adc counts]

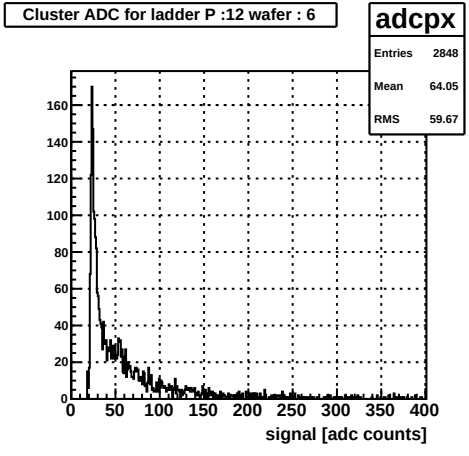

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1657
Mean 102.7
RMS 70.58
signal [adc counts]

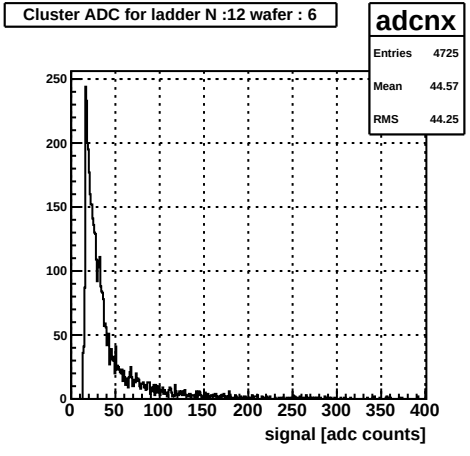

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6907
Mean 41.96
RMS 37.62
signal [adc counts]

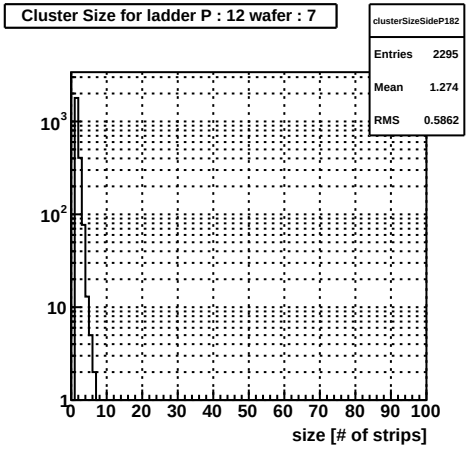

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2848
Mean 1.333
RMS 0.6932
size [# of strips]

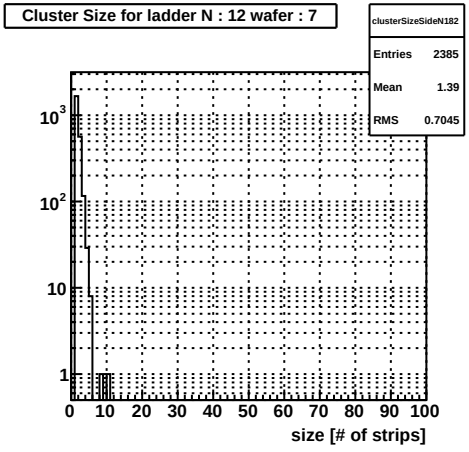

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4725
Mean 1.388
RMS 0.9022
size [# of strips]

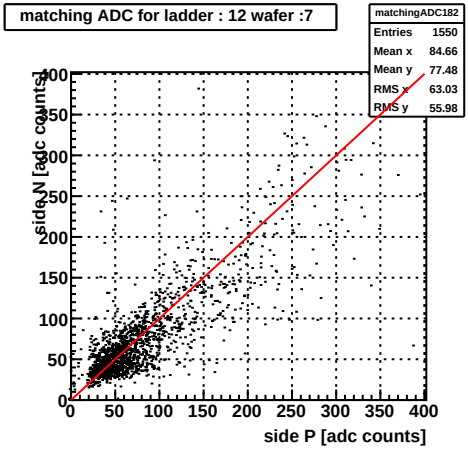

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1491
Mean x 73.01
Mean y 65.38
RMS x 64.4
RMS y 55.53
side N [adc counts]
side P [adc counts]

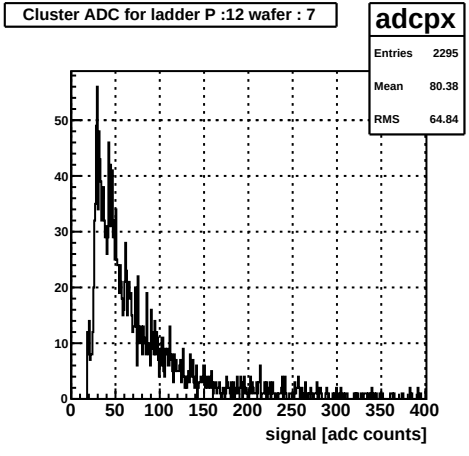

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2848
Mean 64.05
RMS 59.67
signal [adc counts]

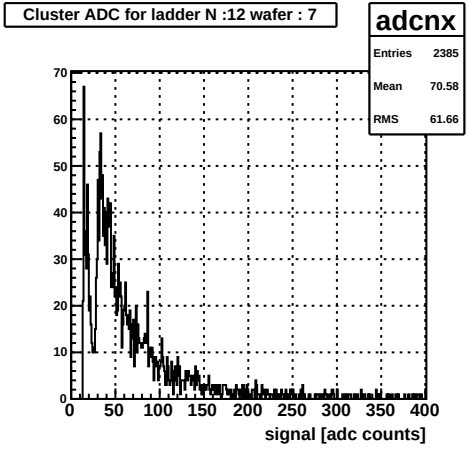

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4725
Mean 44.57
RMS 44.25
signal [adc counts]

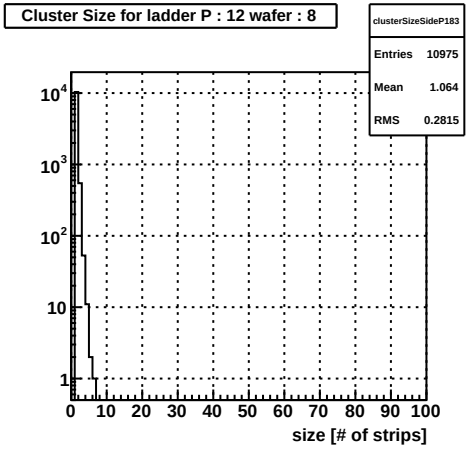

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2295
Mean 1.274
RMS 0.5862
size [# of strips]

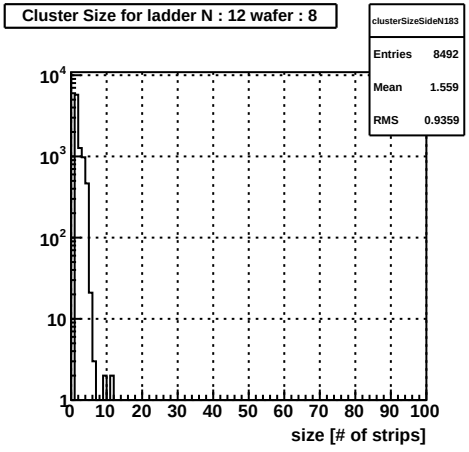

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2385
Mean 1.39
RMS 0.7045
size [# of strips]

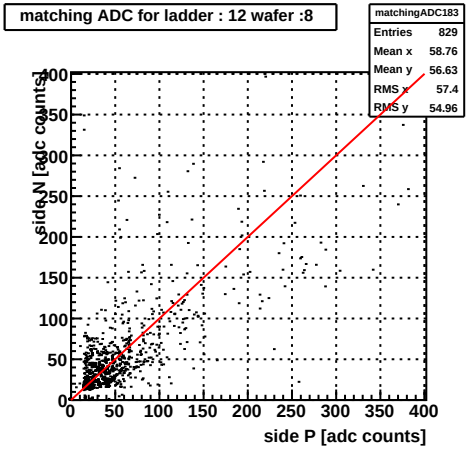

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1550
Mean x 84.66
Mean y 77.48
RMS x 63.03
RMS y 55.98
side N [adc counts]
side P [adc counts]

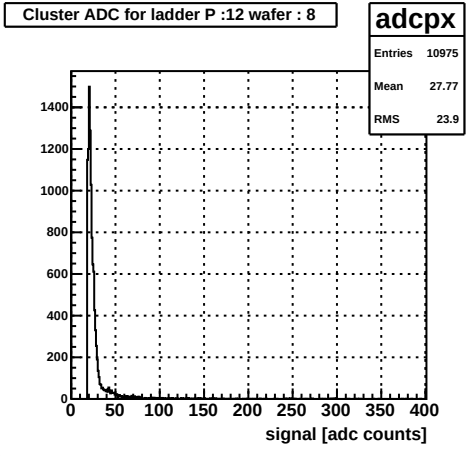

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2295
Mean 80.38
RMS 64.84
signal [adc counts]

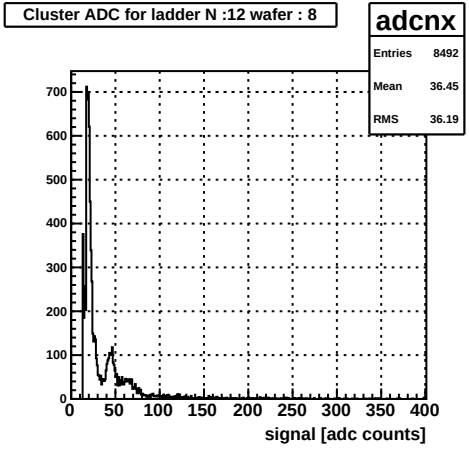

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2385
Mean 70.58
RMS 61.66
signal [adc counts]

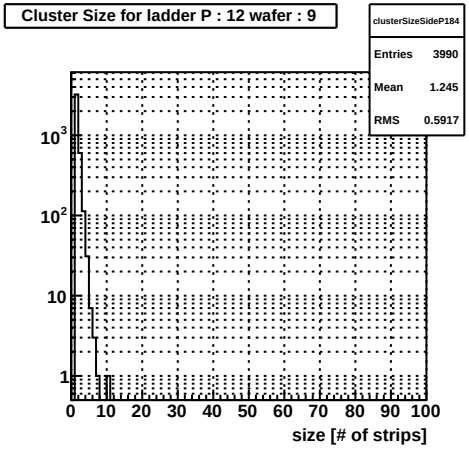

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10975
Mean 1.064
RMS 0.2815
size [# of strips]

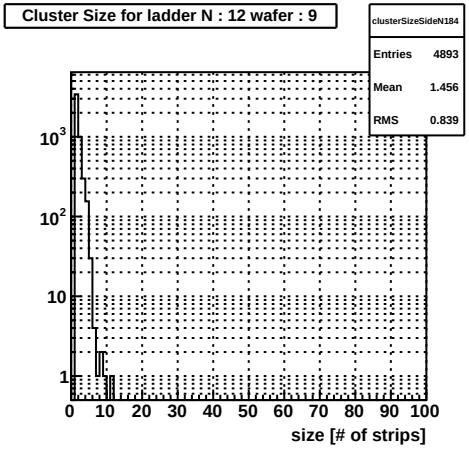

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8492
Mean 1.559
RMS 0.9359
size [# of strips]

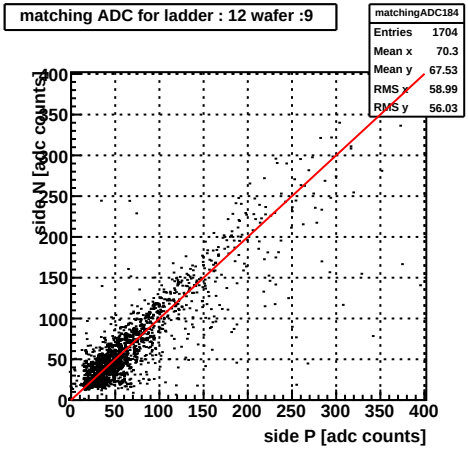

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 829
Mean x 58.76
Mean y 56.63
RMS x 57.4
RMS y 54.96
side N [adc counts]
side P [adc counts]

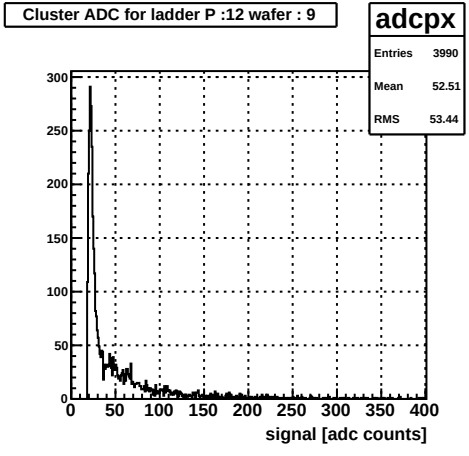

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10975
Mean 27.77
RMS 23.9
signal [adc counts]

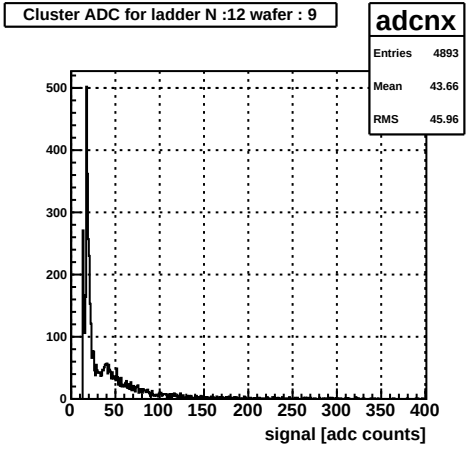

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8492
Mean 36.45
RMS 36.19
signal [adc counts]

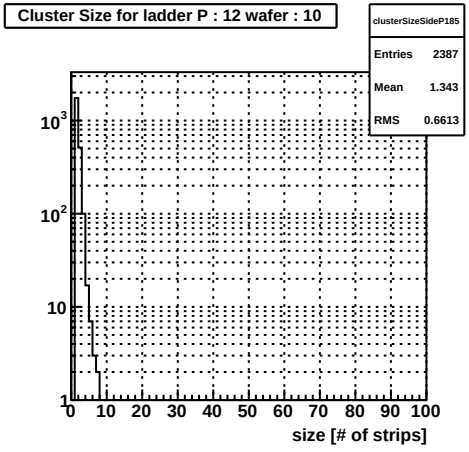

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3990
Mean 1.245
RMS 0.5917
size [# of strips]

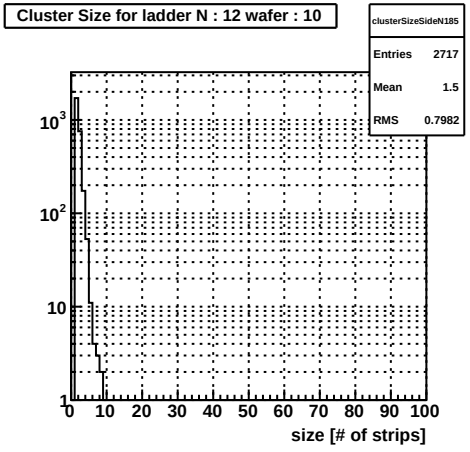

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4893
Mean 1.456
RMS 0.839
size [# of strips]

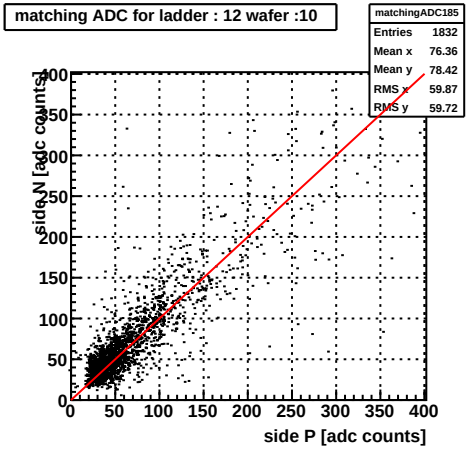

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1704
Mean x 70.3
Mean y 67.53
RMS x 58.99
RMS y 56.03
side N [adc counts]
side P [adc counts]

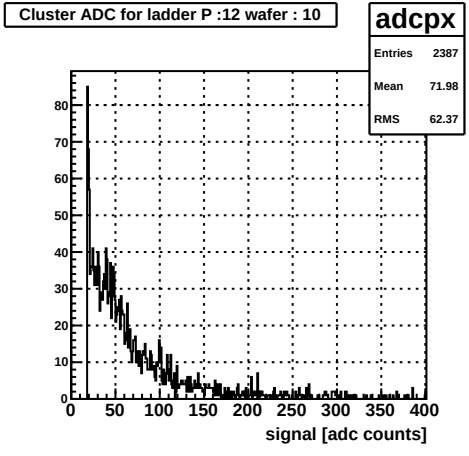

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3990
Mean 52.51
RMS 53.44
signal [adc counts]

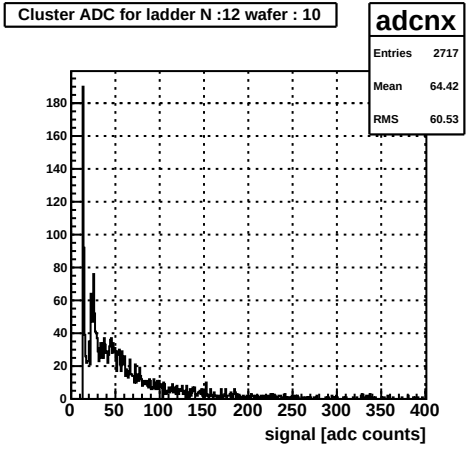

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4893
Mean 43.66
RMS 45.96
signal [adc counts]

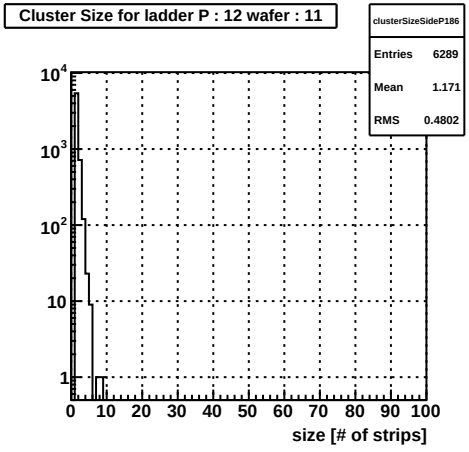

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2387
Mean 1.343
RMS 0.6613
size [# of strips]

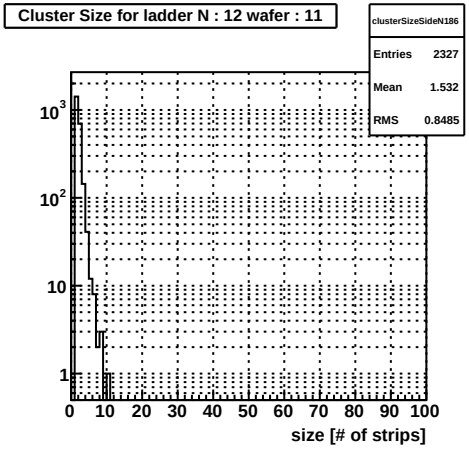

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2717
Mean 1.5
RMS 0.7982
size [# of strips]

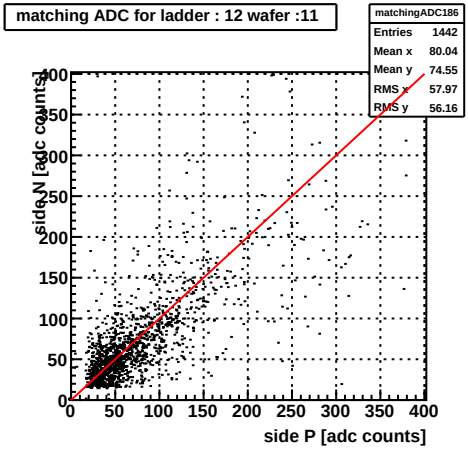

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1832
Mean x 76.36
Mean y 78.42
RMS x 59.87
RMS y 59.72
side N [adc counts]
side P [adc counts]

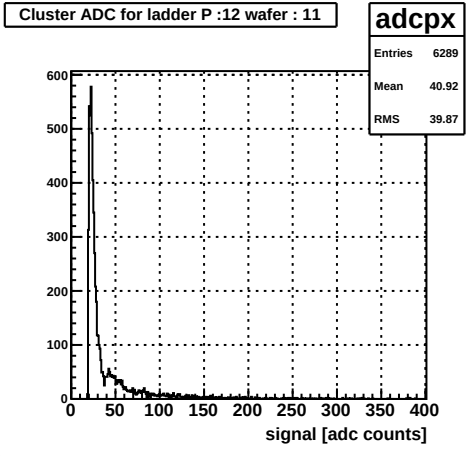

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2387
Mean 71.98
RMS 62.37
signal [adc counts]

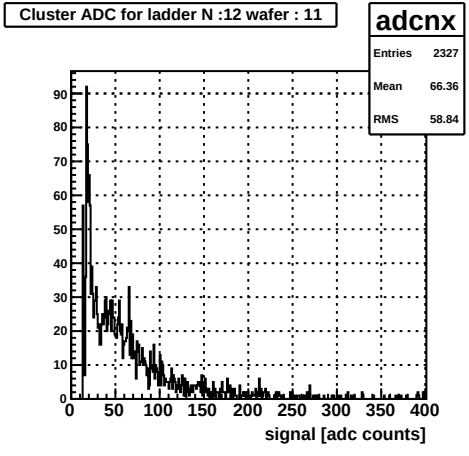

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2717
Mean 64.42
RMS 60.53
signal [adc counts]

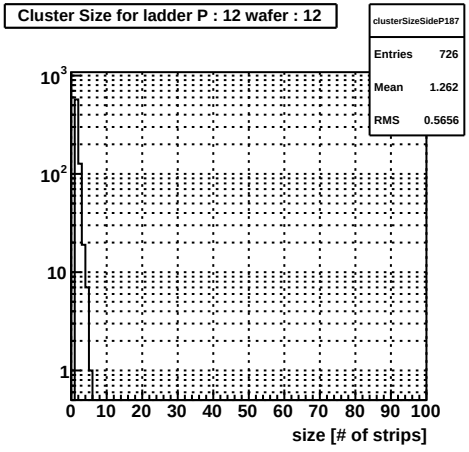

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 6289
Mean 1.171
RMS 0.4802
size [# of strips]

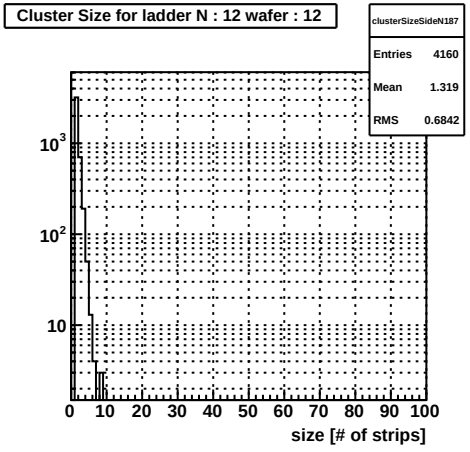

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2327
Mean 1.532
RMS 0.8485
size [# of strips]

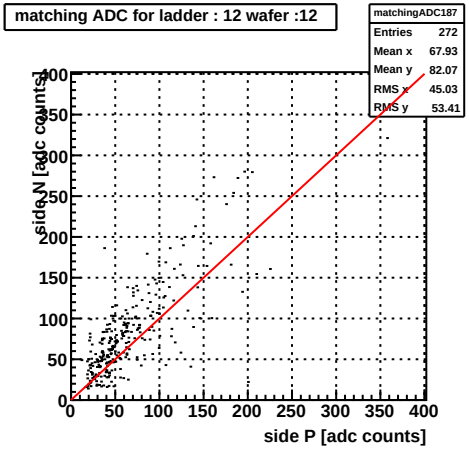

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1442
Mean x 80.04
Mean y 74.55
RMS x 57.97
RMS y 56.16
side N [adc counts]
side P [adc counts]

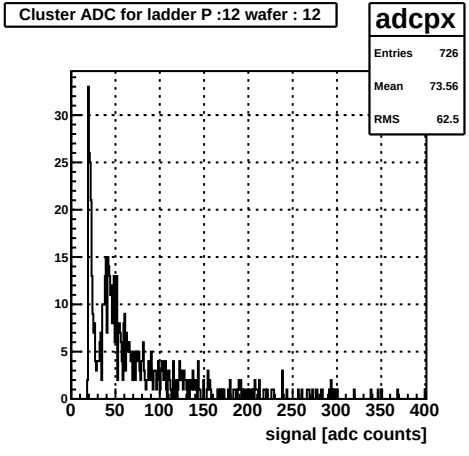

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 6289
Mean 40.92
RMS 39.87
signal [adc counts]

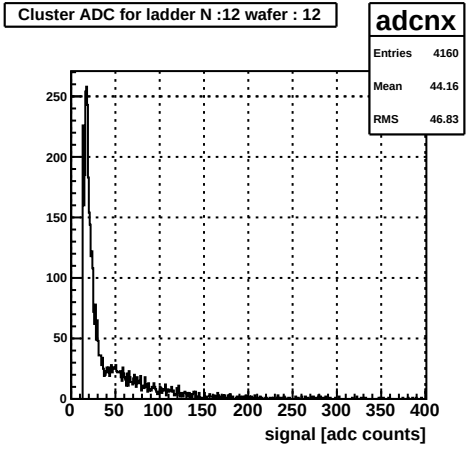

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2327
Mean 66.36
RMS 58.84
signal [adc counts]

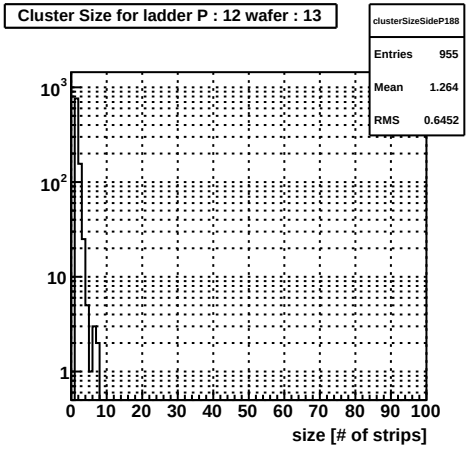

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 726
Mean 1.262
RMS 0.5656
size [# of strips]

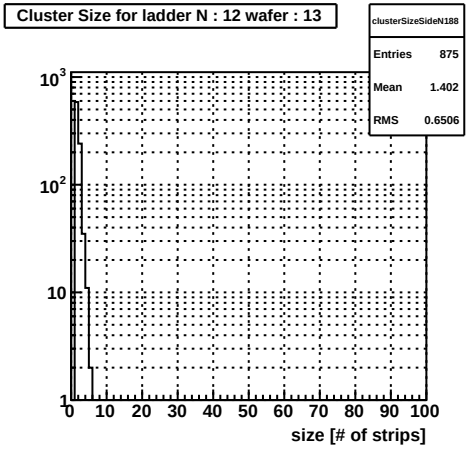

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4160
Mean 1.319
RMS 0.6842
size [# of strips]

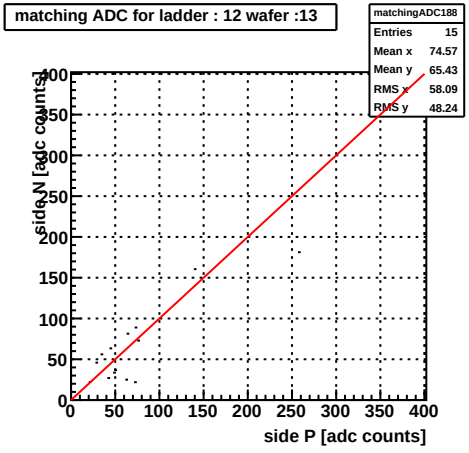

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 272
Mean x 67.93
Mean y 82.07
RMS x 45.03
RMS y 53.41
side N [adc counts]
side P [adc counts]

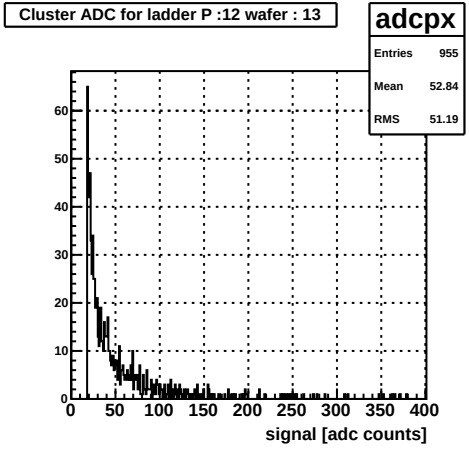

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 726
Mean 73.56
RMS 62.5
signal [adc counts]

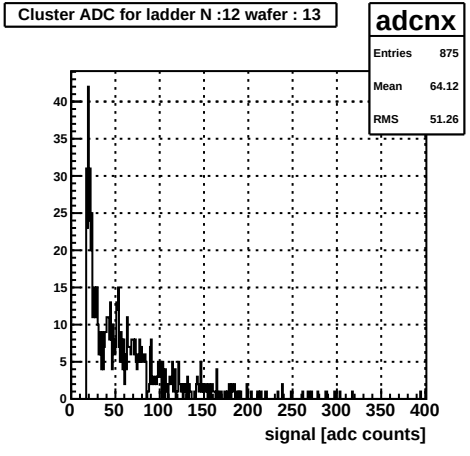

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4160
Mean 44.16
RMS 46.83
signal [adc counts]

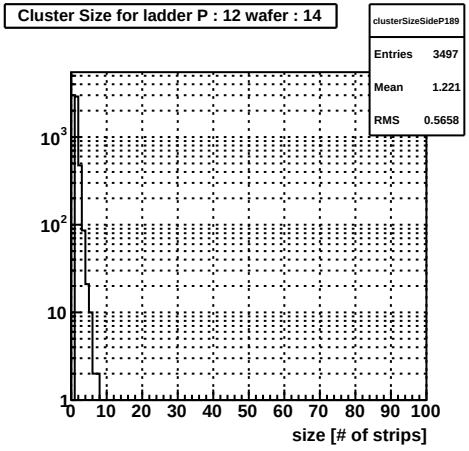

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 955
Mean 1.264
RMS 0.6452
size [# of strips]

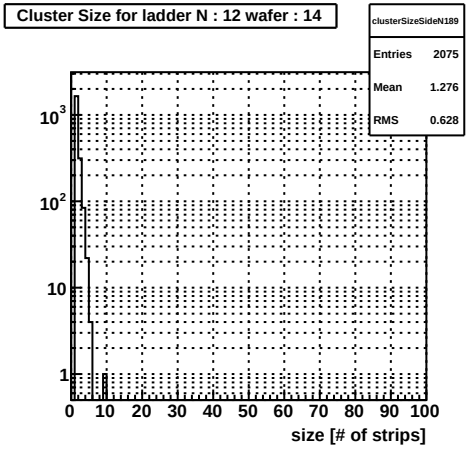

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 875
Mean 1.402
RMS 0.6506
size [# of strips]

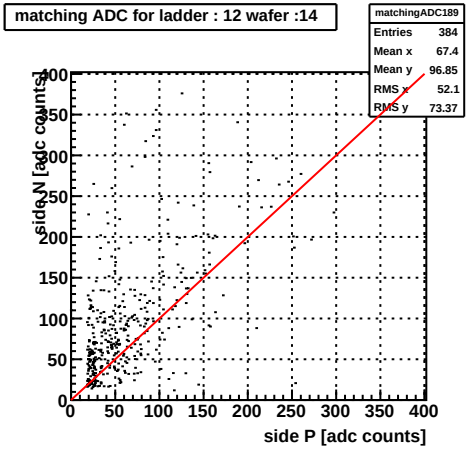

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 15
Mean x 74.57
Mean y 65.43
RMS x 58.09
RMS y 48.24
side N [adc counts]
side P [adc counts]

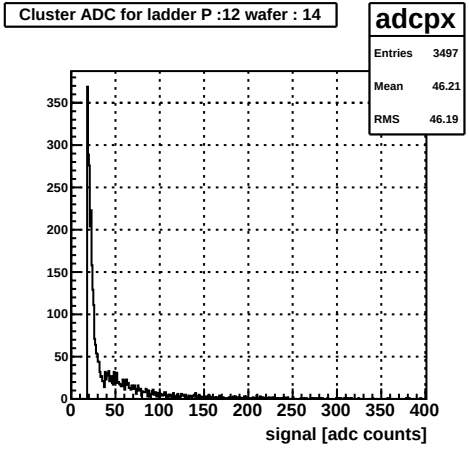

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 955
Mean 52.84
RMS 51.19
signal [adc counts]

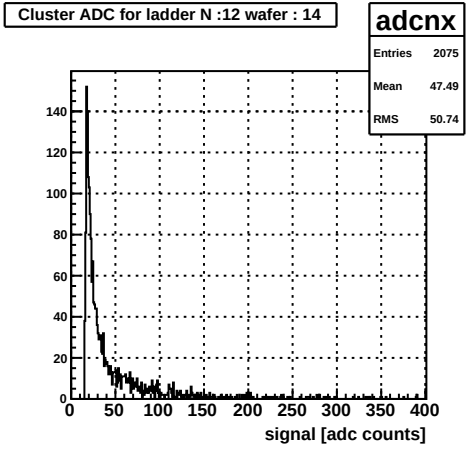

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 875
Mean 64.12
RMS 51.26
signal [adc counts]

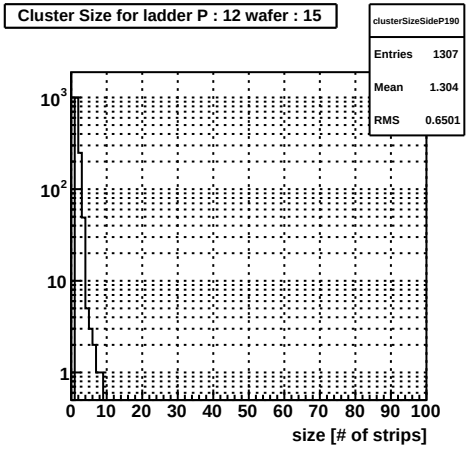

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3497
Mean 1.221
RMS 0.5658
size [# of strips]

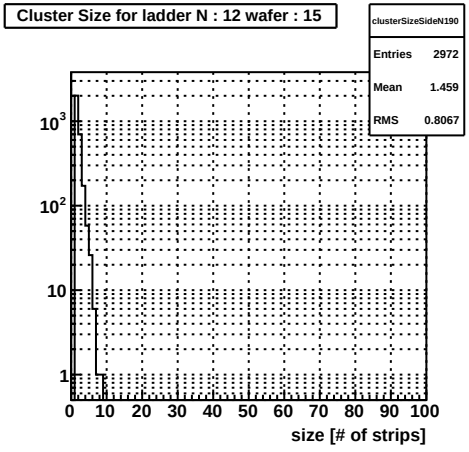

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2075
Mean 1.276
RMS 0.628
size [# of strips]

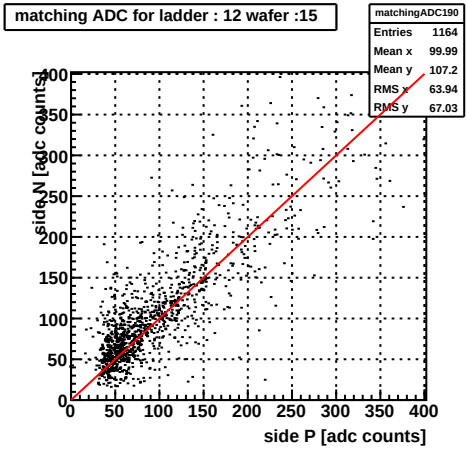

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 384
Mean x 67.4
Mean y 96.85
RMS x 52.1
RMS y 73.37
side N [adc counts]
side P [adc counts]

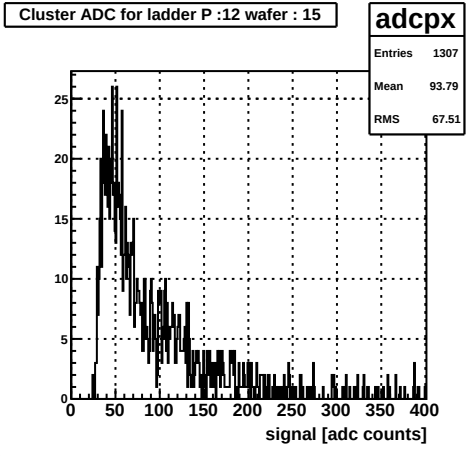

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3497
Mean 46.21
RMS 46.19
signal [adc counts]

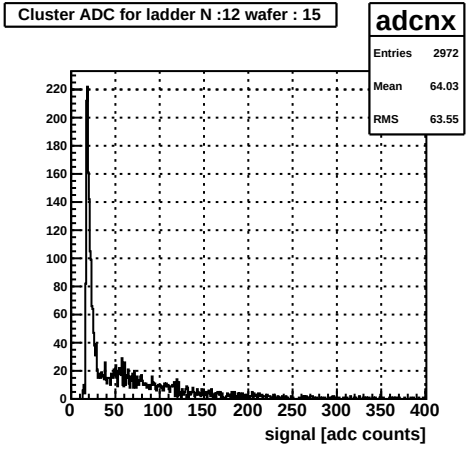

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2075
Mean 47.49
RMS 50.74
signal [adc counts]

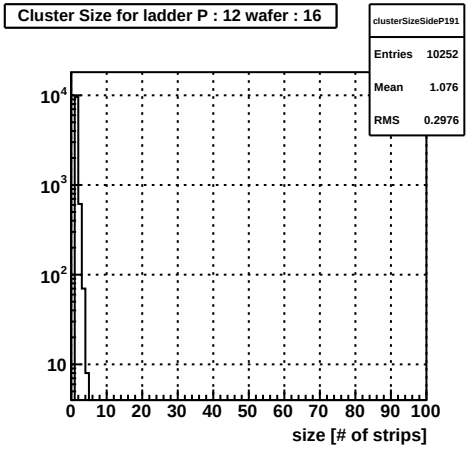

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1307
Mean 1.304
RMS 0.6501
size [# of strips]

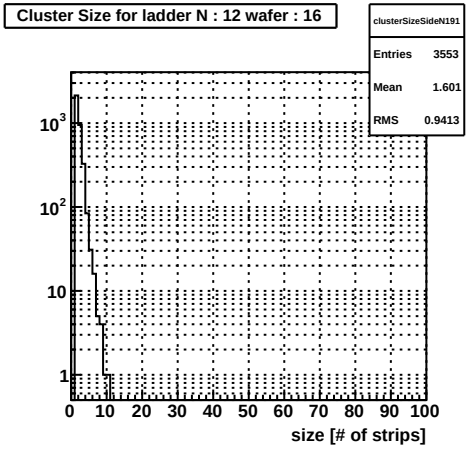

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2972
Mean 1.459
RMS 0.8067
size [# of strips]

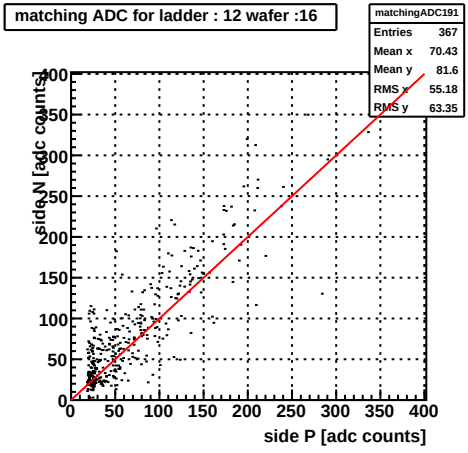

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1164
Mean x 99.99
Mean y 107.2
RMS x 63.94
RMS y 67.03
side N [adc counts]
side P [adc counts]

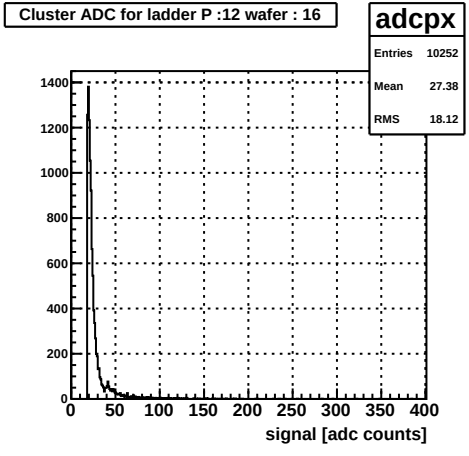

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1307
Mean 93.79
RMS 67.51
signal [adc counts]

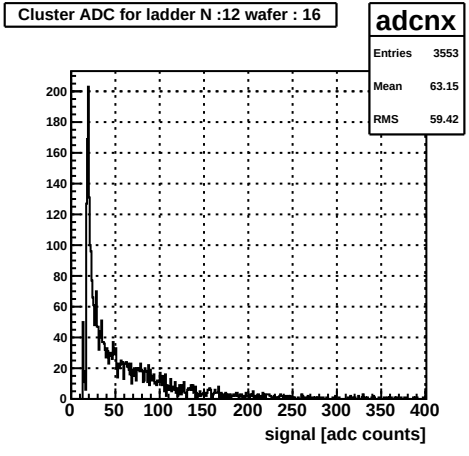

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2972
Mean 64.03
RMS 63.55
signal [adc counts]

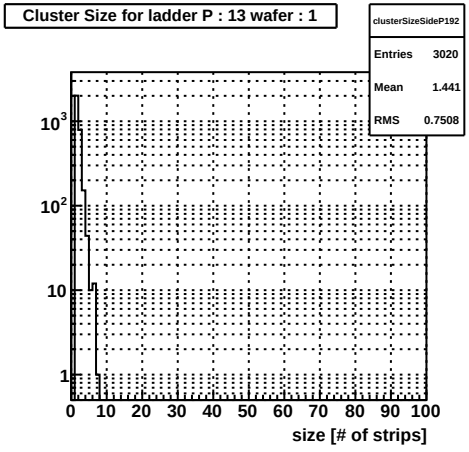

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10252
Mean 1.076
RMS 0.2976
size [# of strips]

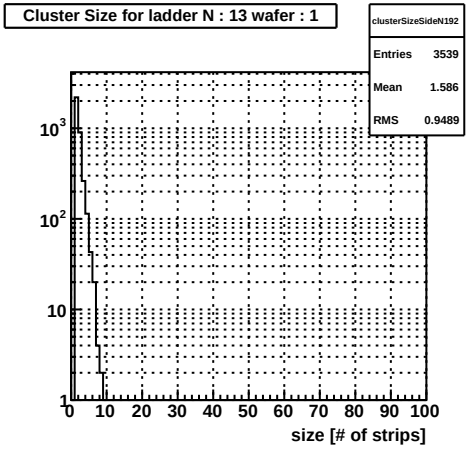

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3553
Mean 1.601
RMS 0.9413
size [# of strips]

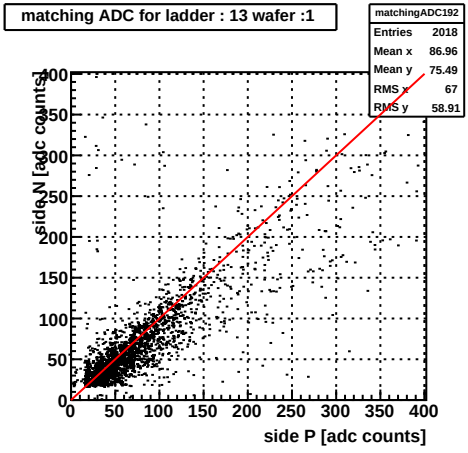

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 367
Mean x 70.43
Mean y 81.6
RMS x 55.18
RMS y 63.35
side N [adc counts]
side P [adc counts]

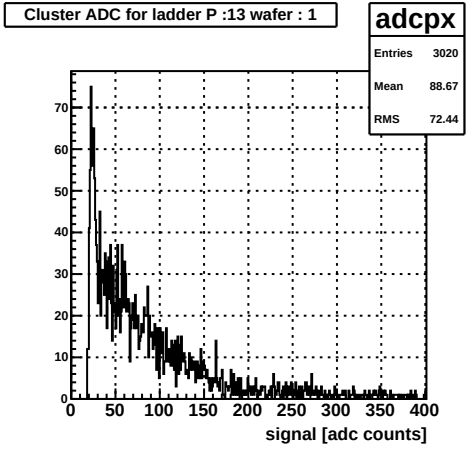

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10252
Mean 27.38
RMS 18.12
signal [adc counts]

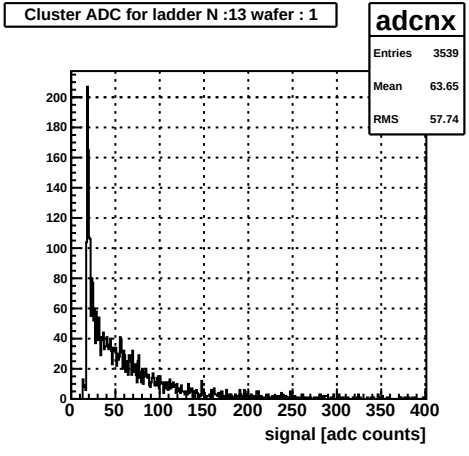

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3553
Mean 63.15
RMS 59.42
signal [adc counts]

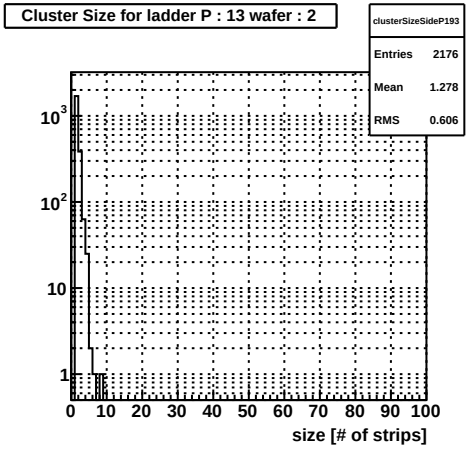

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3020
Mean 1.441
RMS 0.7508
size [# of strips]

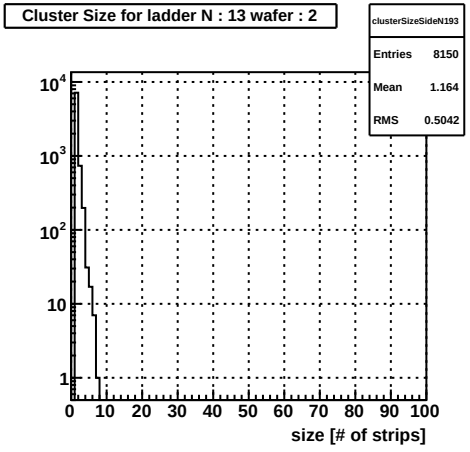

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3539
Mean 1.586
RMS 0.9489
size [# of strips]

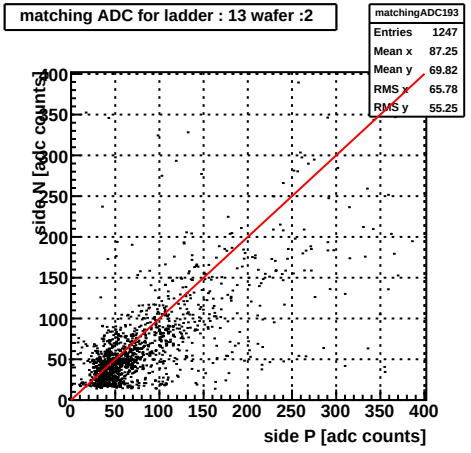

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2018
Mean x 86.96
Mean y 75.49
RMS x 67
RMS y 58.91
side N [adc counts]
side P [adc counts]

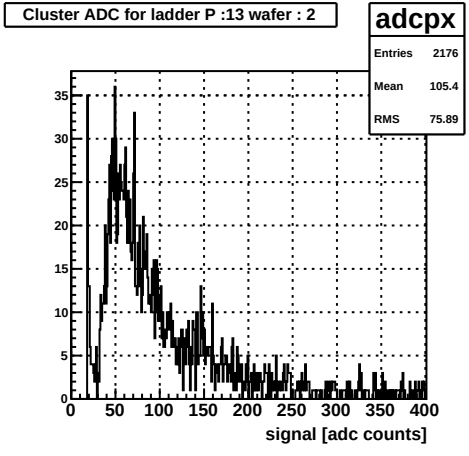

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3020
Mean 88.67
RMS 72.44
signal [adc counts]

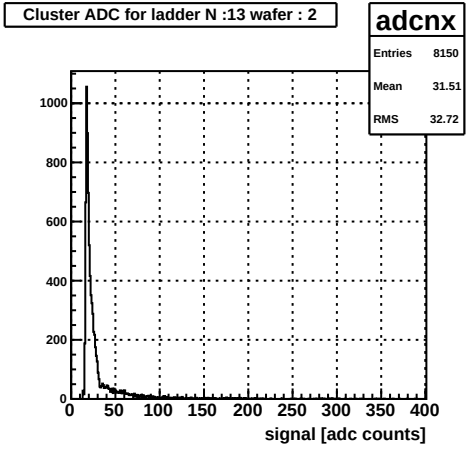

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3539
Mean 63.65
RMS 57.74
signal [adc counts]

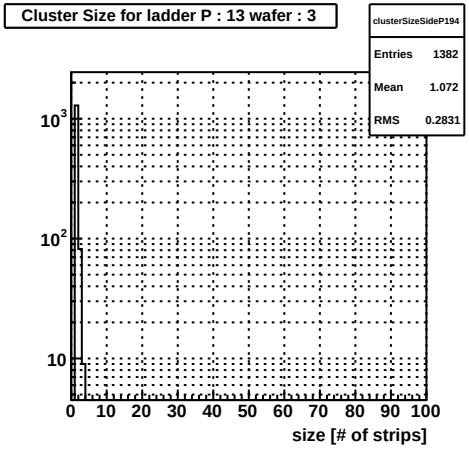

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2176
Mean 1.278
RMS 0.606
size [# of strips]

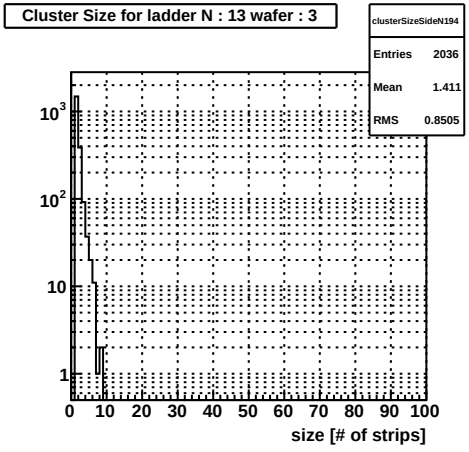

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8150
Mean 1.164
RMS 0.5042
size [# of strips]

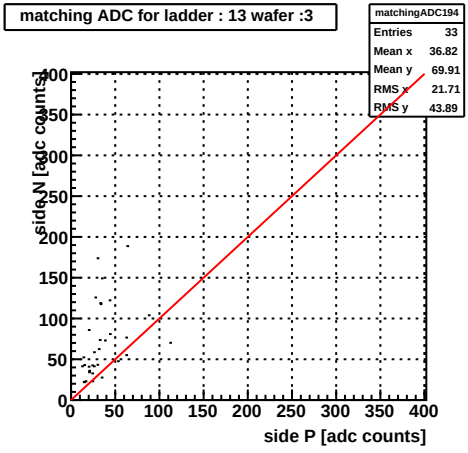

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1247
Mean x 87.25
Mean y 69.82
RMS x 65.78
RMS y 55.25
side N [adc counts]
side P [adc counts]

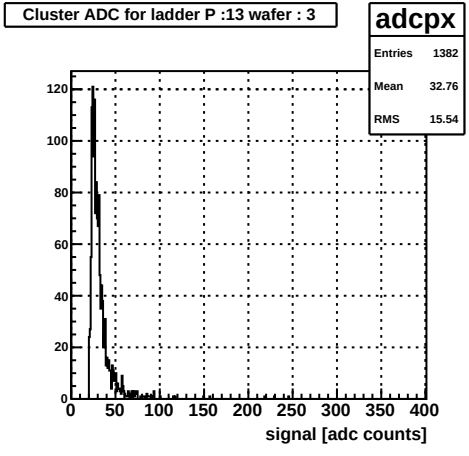

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2176
Mean 105.4
RMS 75.89
signal [adc counts]

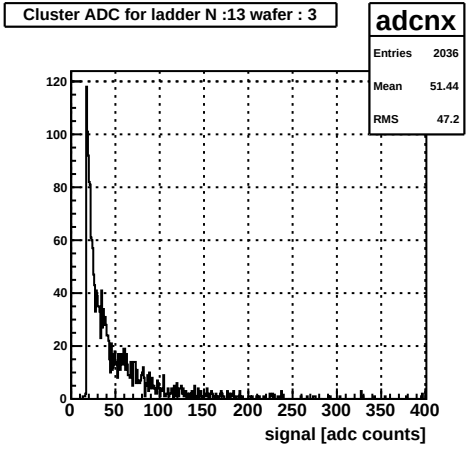

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8150
Mean 31.51
RMS 32.72
signal [adc counts]

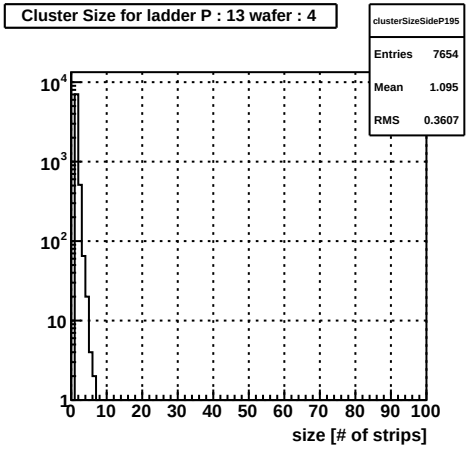

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1382
Mean 1.072
RMS 0.2831
size [# of strips]

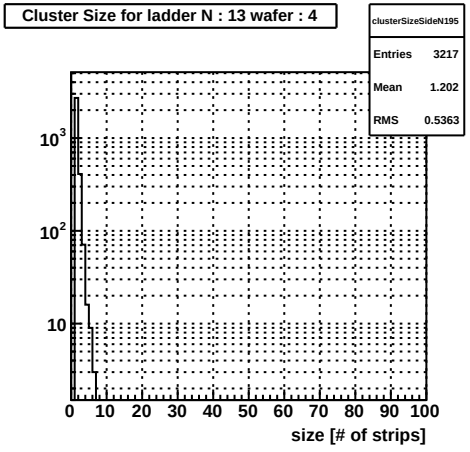

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2036
Mean 1.411
RMS 0.8505
size [# of strips]

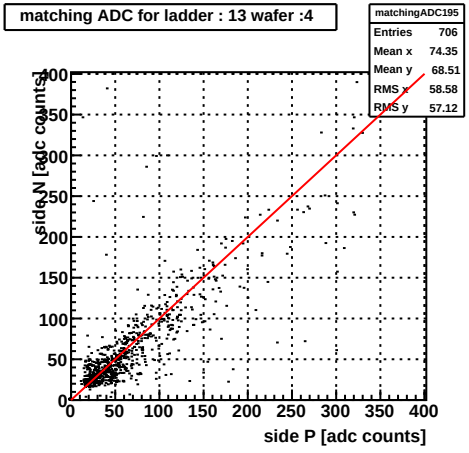

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 33
Mean x 36.82
Mean y 69.91
RMS x 21.71
RMS y 43.89
side N [adc counts]
side P [adc counts]

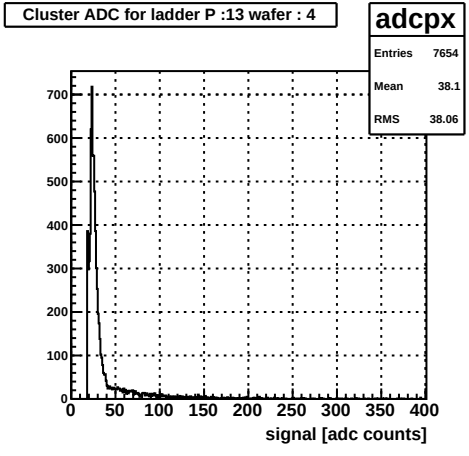

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1382
Mean 32.76
RMS 15.54
signal [adc counts]

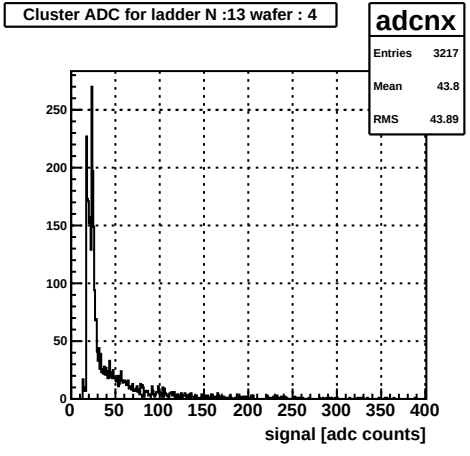

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2036
Mean 51.44
RMS 47.2
signal [adc counts]

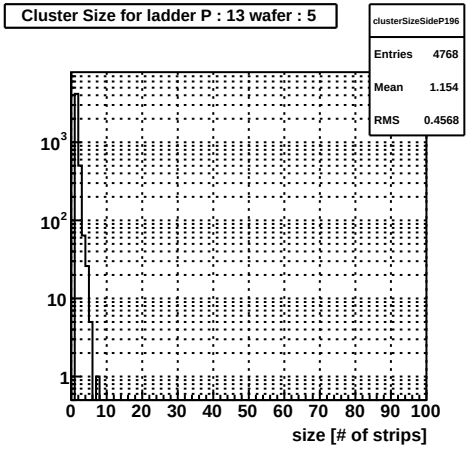

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7654
Mean 1.095
RMS 0.3607
size [# of strips]

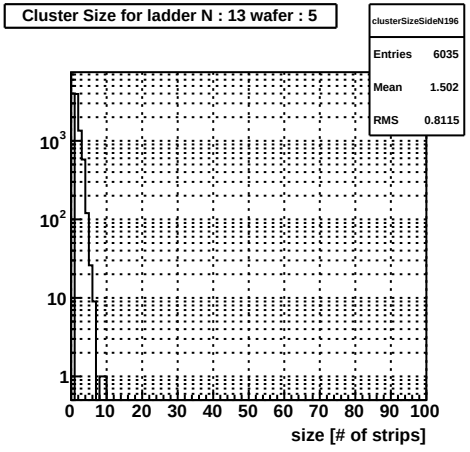

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3217
Mean 1.202
RMS 0.5363
size [# of strips]

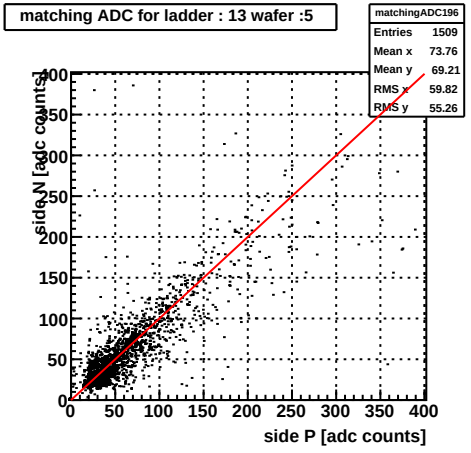

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 706
Mean x 74.35
Mean y 68.51
RMS x 58.58
RMS y 57.12
side N [adc counts]
side P [adc counts]

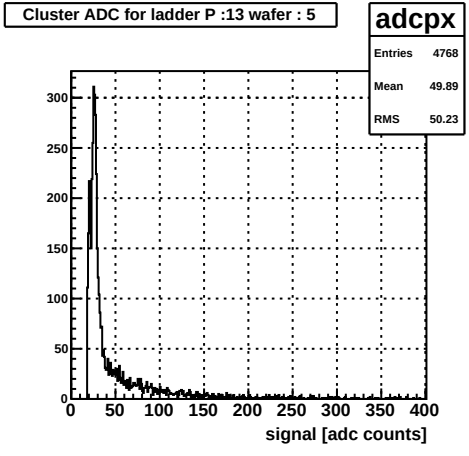

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7654
Mean 38.1
RMS 38.06
signal [adc counts]

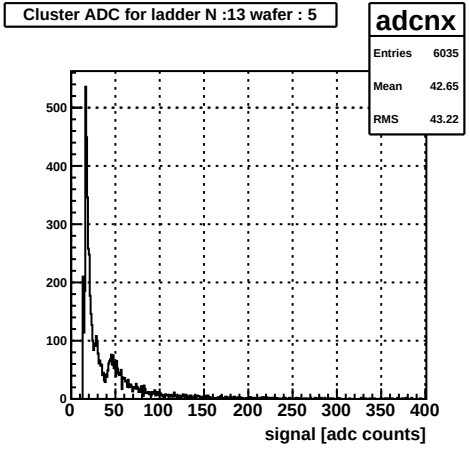

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3217
Mean 43.8
RMS 43.89
signal [adc counts]

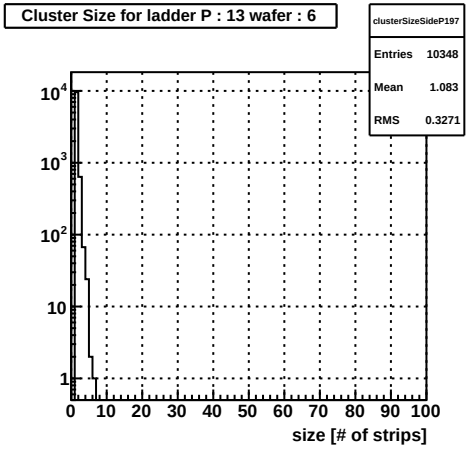

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4768
Mean 1.154
RMS 0.4568
size [# of strips]

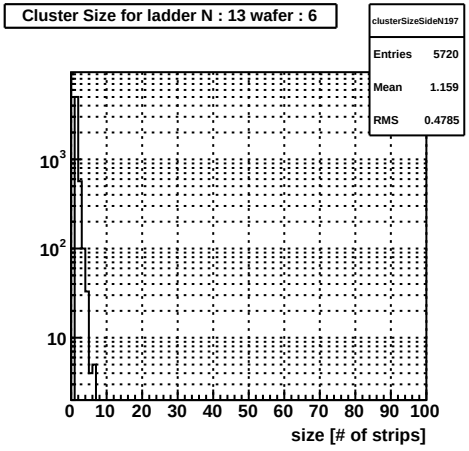

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6035
Mean 1.502
RMS 0.8115
size [# of strips]

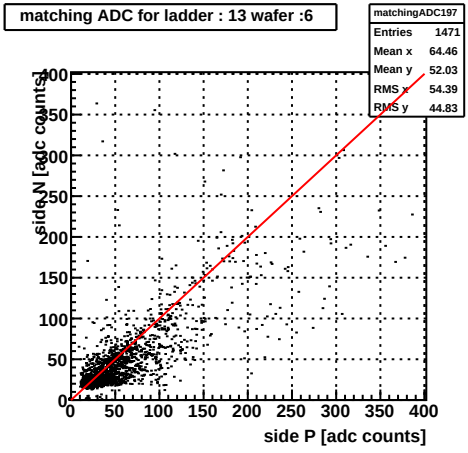

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1509
Mean x 73.76
Mean y 69.21
RMS x 59.82
RMS y 55.26
side N [adc counts]
side P [adc counts]

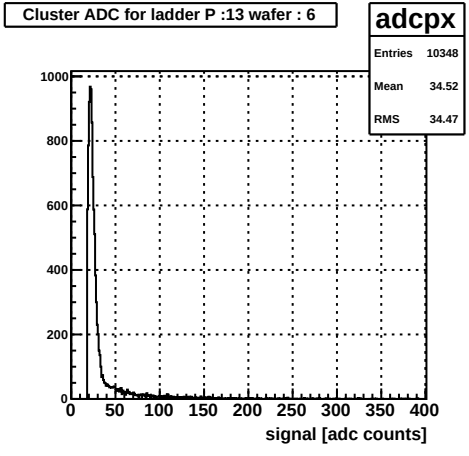

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4768
Mean 49.89
RMS 50.23
signal [adc counts]

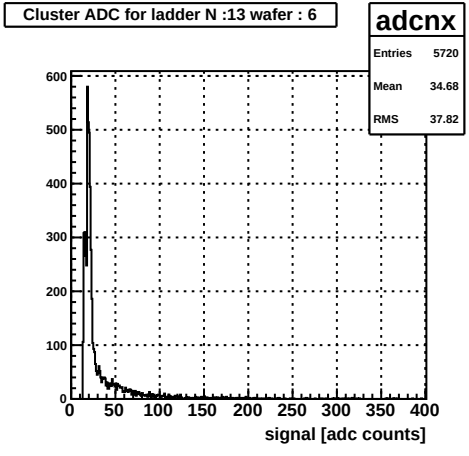

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6035
Mean 42.65
RMS 43.22
signal [adc counts]

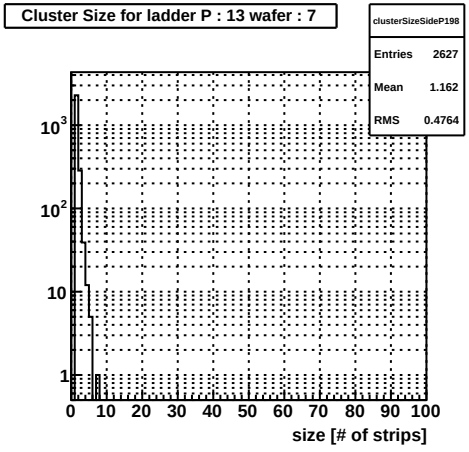

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10348
Mean 1.083
RMS 0.3271
size [# of strips]

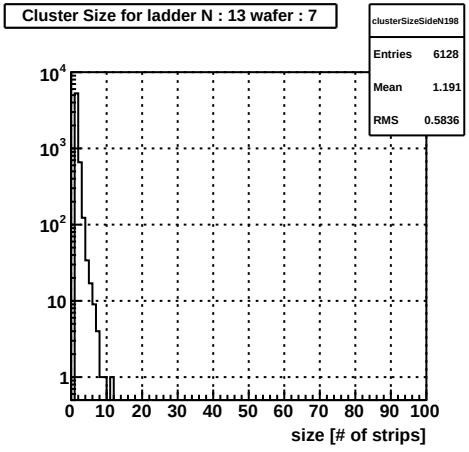

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5720
Mean 1.159
RMS 0.4785
size [# of strips]

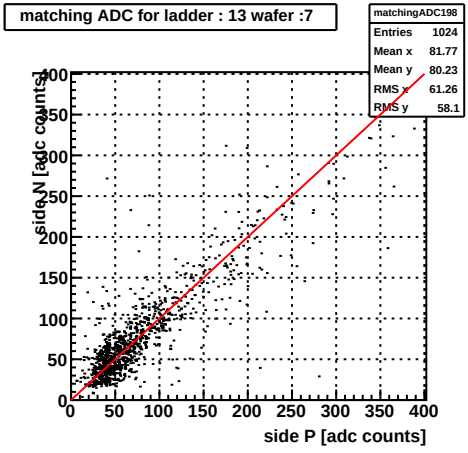

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1471
Mean x 64.46
Mean y 52.03
RMS x 54.39
RMS y 44.83
side N [adc counts]
side P [adc counts]

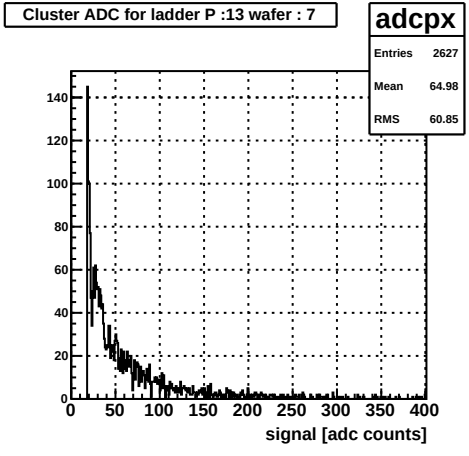

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10348
Mean 34.52
RMS 34.47
signal [adc counts]

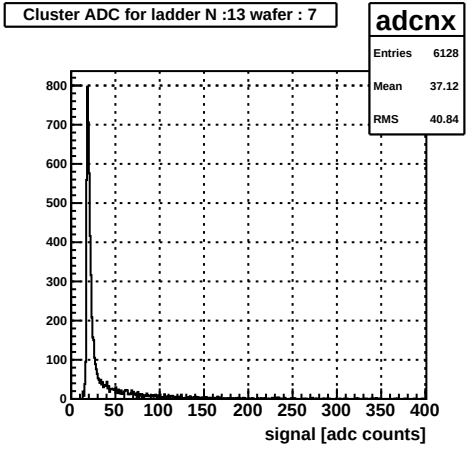

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5720
Mean 34.68
RMS 37.82
signal [adc counts]

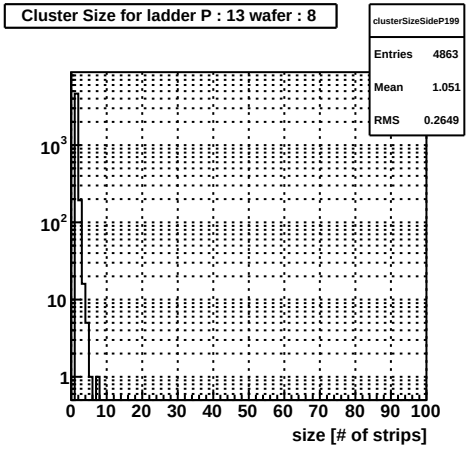

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2627
Mean 1.162
RMS 0.4764
size [# of strips]

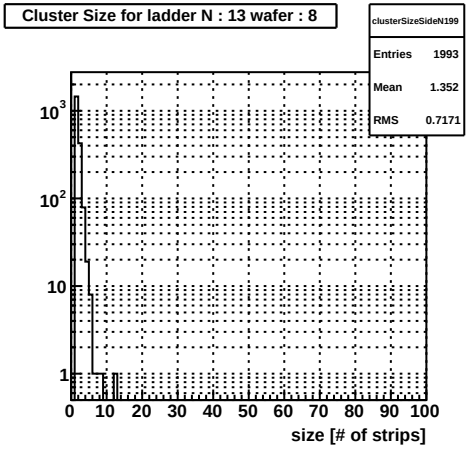

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6128
Mean 1.191
RMS 0.5836
size [# of strips]

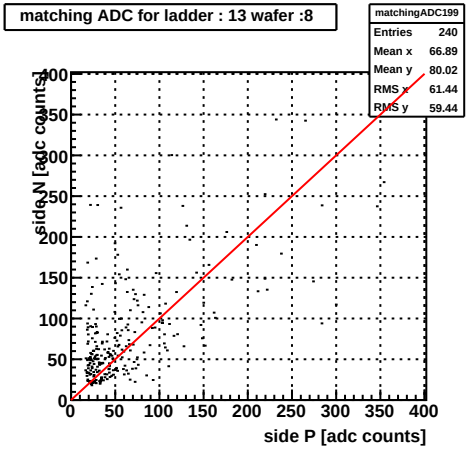

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1024
Mean x 81.77
Mean y 80.23
RMS x 61.26
RMS y 58.1
side N [adc counts]
side P [adc counts]

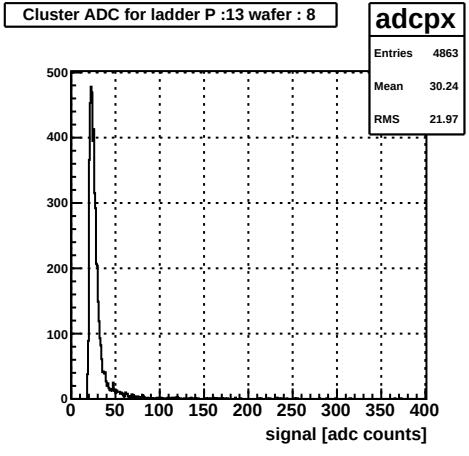

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2627
Mean 64.98
RMS 60.85
signal [adc counts]

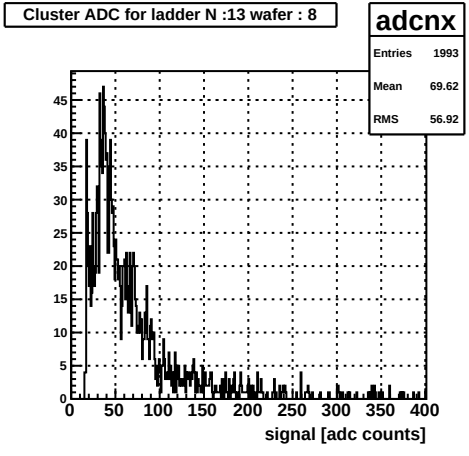

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6128
Mean 37.12
RMS 40.84
signal [adc counts]

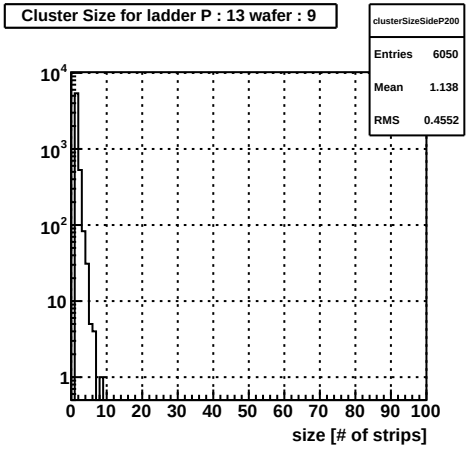

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4863
Mean 1.051
RMS 0.2649
size [# of strips]

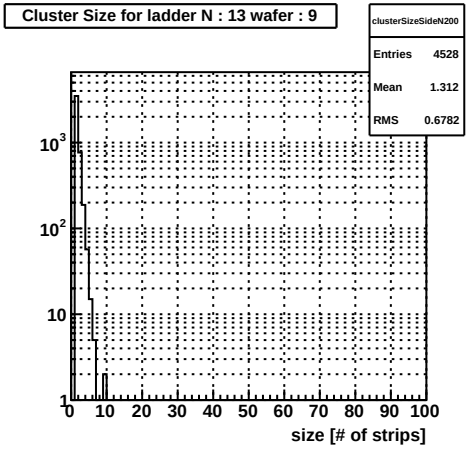

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1993
Mean 1.352
RMS 0.7171
size [# of strips]

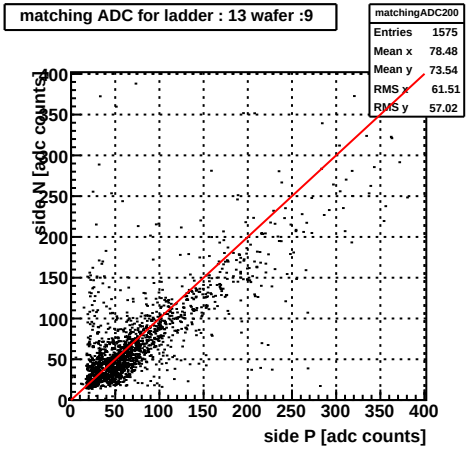

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 240
Mean x 66.89
Mean y 80.02
RMS x 61.44
RMS y 59.44
side N [adc counts]
side P [adc counts]

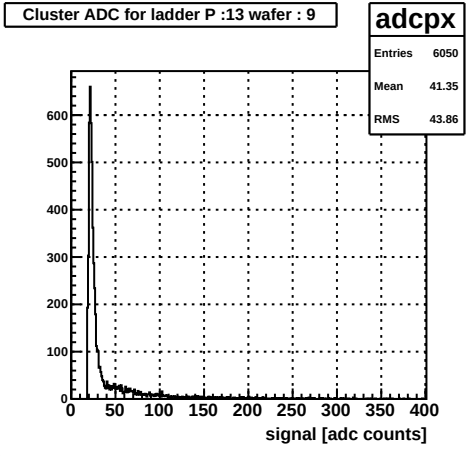

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4863
Mean 30.24
RMS 21.97
signal [adc counts]

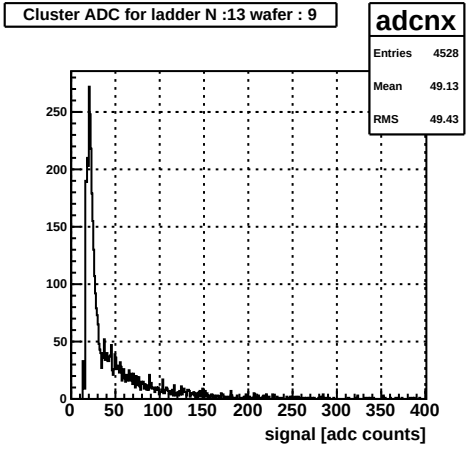

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1993
Mean 69.62
RMS 56.92
signal [adc counts]

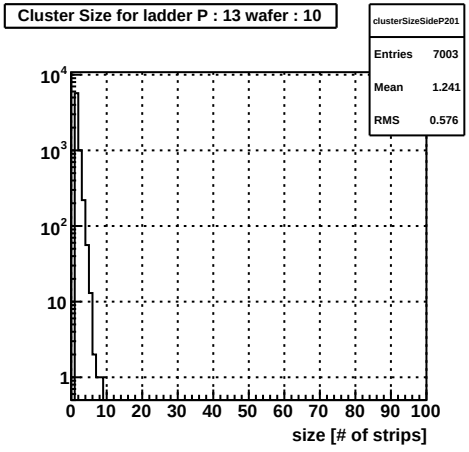

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6050
Mean 1.138
RMS 0.4552
size [# of strips]

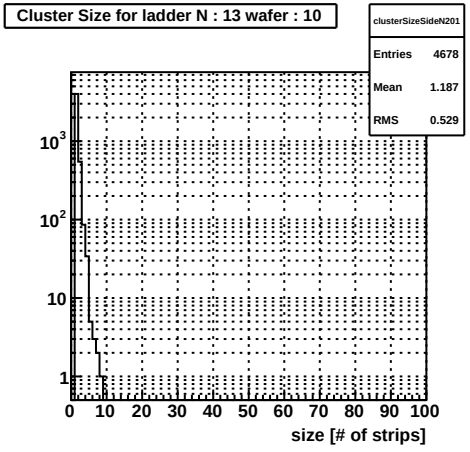

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4528
Mean 1.312
RMS 0.6782
size [# of strips]

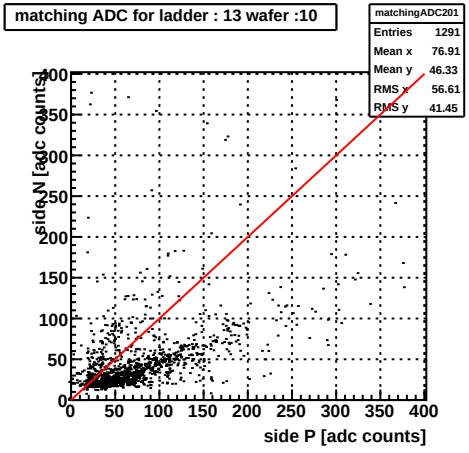

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1575
Mean x 78.48
Mean y 73.54
RMS x 61.51
RMS y 57.02
side N [adc counts]
side P [adc counts]

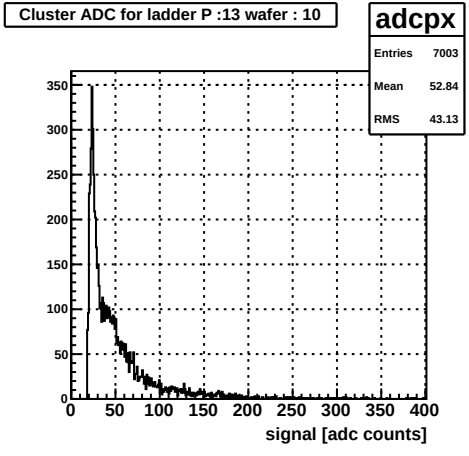

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6050
Mean 41.35
RMS 43.86
signal [adc counts]

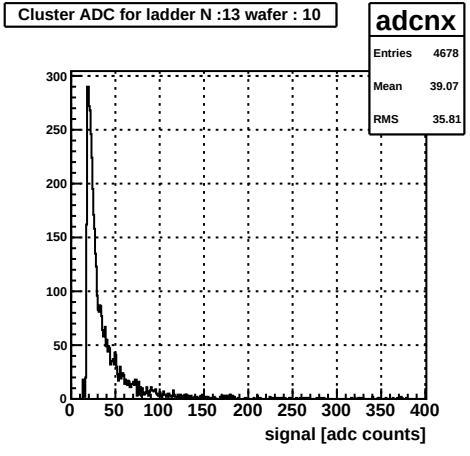

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4528
Mean 49.13
RMS 49.43
signal [adc counts]

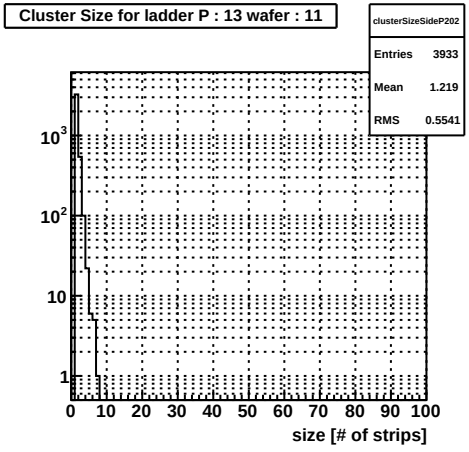

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7003
Mean 1.241
RMS 0.576
size [# of strips]

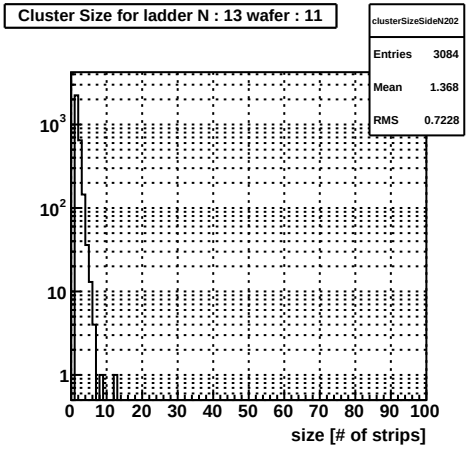

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4678
Mean 1.187
RMS 0.529
size [# of strips]

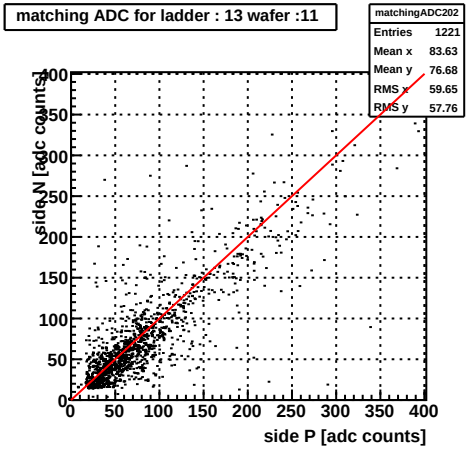

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1291
Mean x 76.91
Mean y 46.33
RMS x 56.61
RMS y 41.45
side N [adc counts]
side P [adc counts]

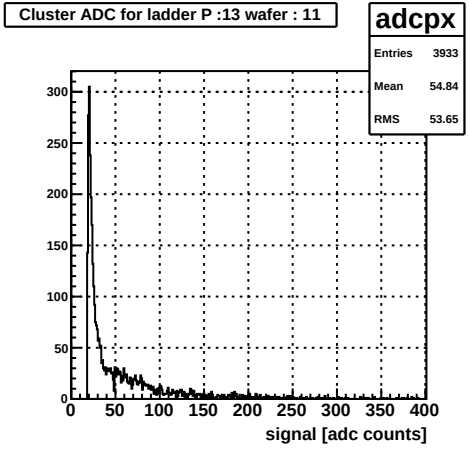

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7003
Mean 52.84
RMS 43.13
signal [adc counts]

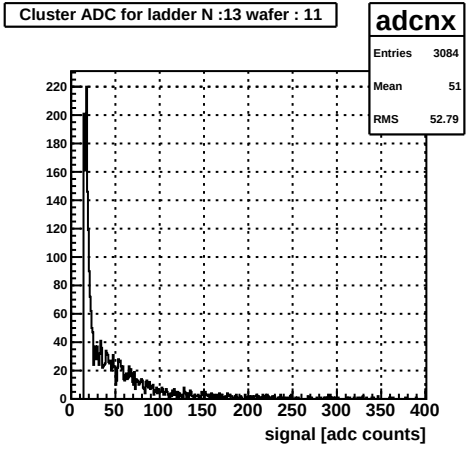

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4678
Mean 39.07
RMS 35.81
signal [adc counts]

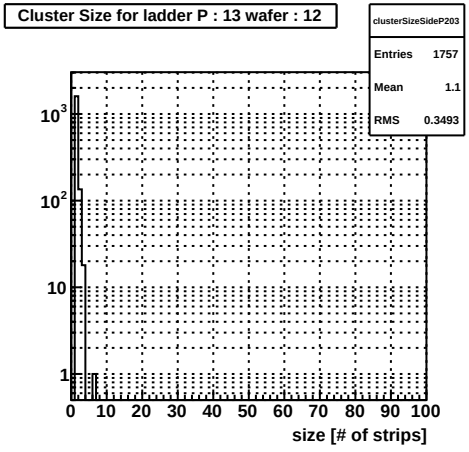

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3933
Mean 1.219
RMS 0.5541
size [# of strips]

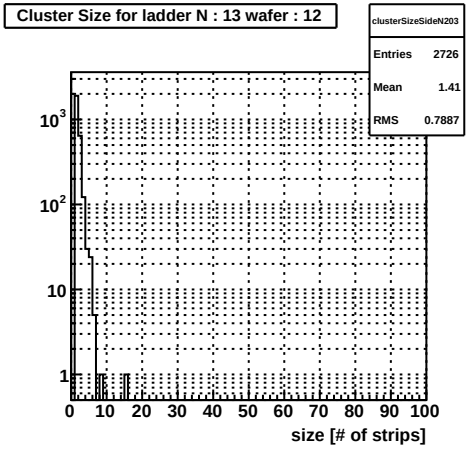

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3084
Mean 1.368
RMS 0.7228
size [# of strips]

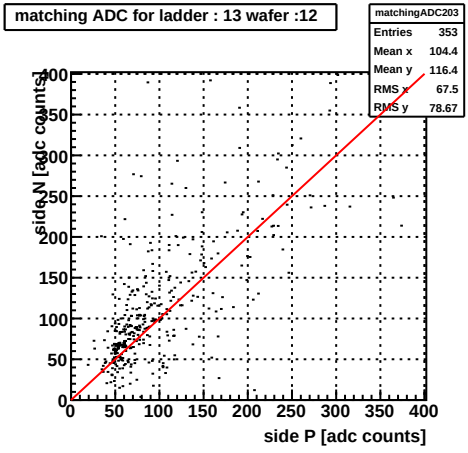

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1221
Mean x 83.63
Mean y 76.68
RMS x 59.65
RMS y 57.76
side N [adc counts]
side P [adc counts]

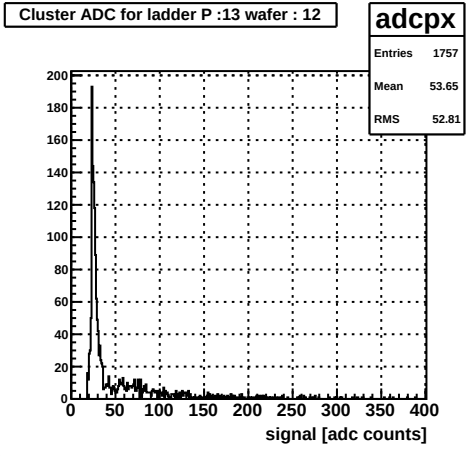

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3933
Mean 54.84
RMS 53.65
signal [adc counts]

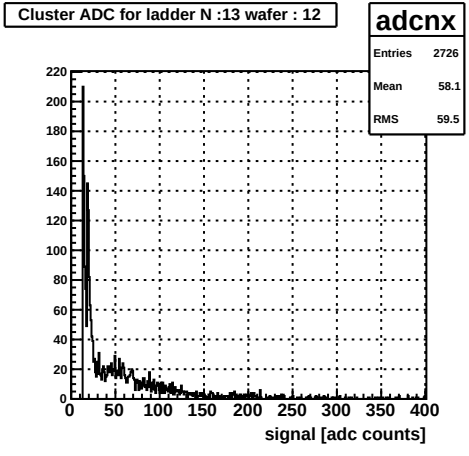

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3084
Mean 51
RMS 52.79
signal [adc counts]

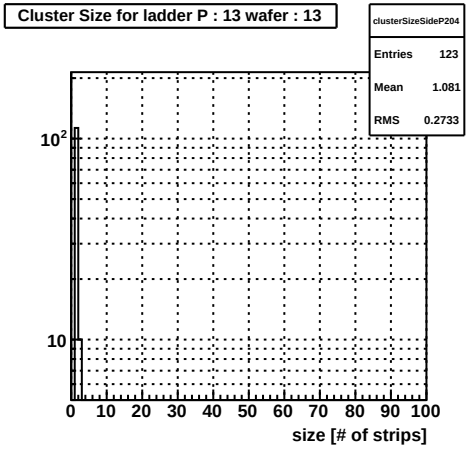

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1757
Mean 1.1
RMS 0.3493
size [# of strips]

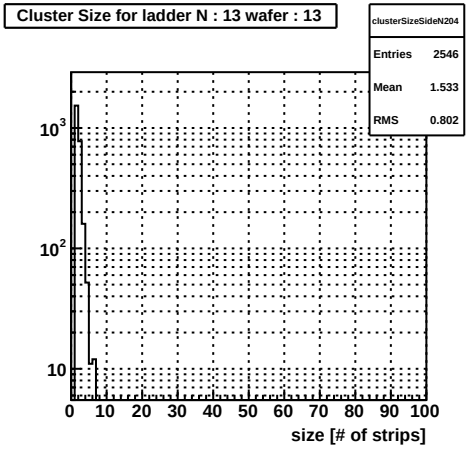

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2726
Mean 1.41
RMS 0.7887
size [# of strips]

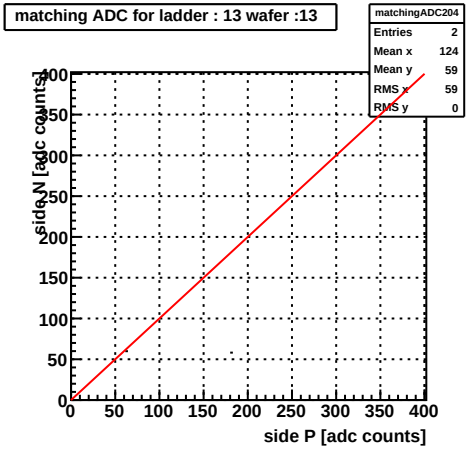

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 353
Mean x 104.4
Mean y 116.4
RMS x 67.5
RMS y 78.67
side N [adc counts]
side P [adc counts]

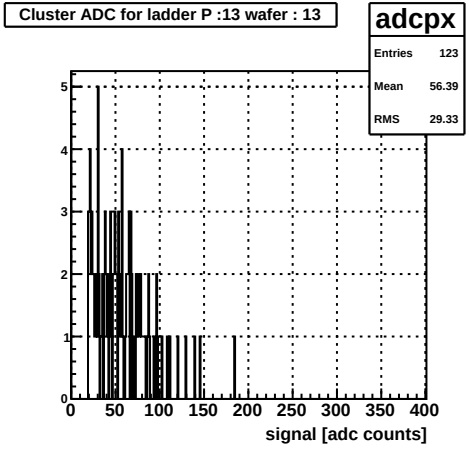

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1757
Mean 53.65
RMS 52.81
signal [adc counts]

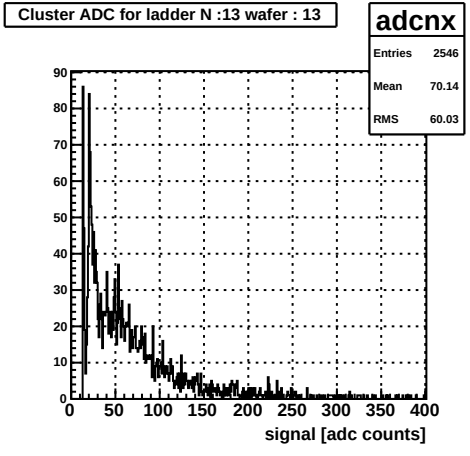

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2726
Mean 58.1
RMS 59.5
signal [adc counts]

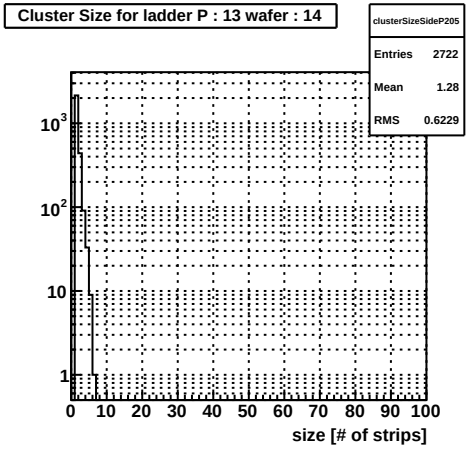

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 123
Mean 1.081
RMS 0.2733
size [# of strips]

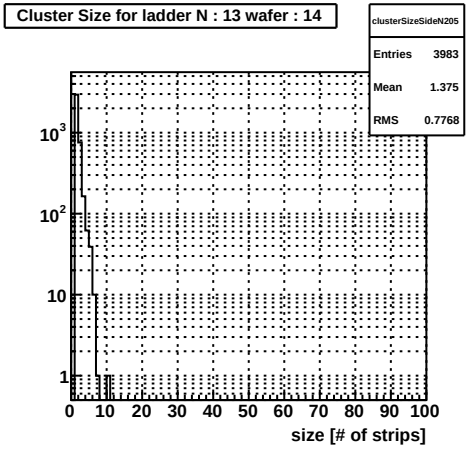

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2546
Mean 1.533
RMS 0.802
size [# of strips]

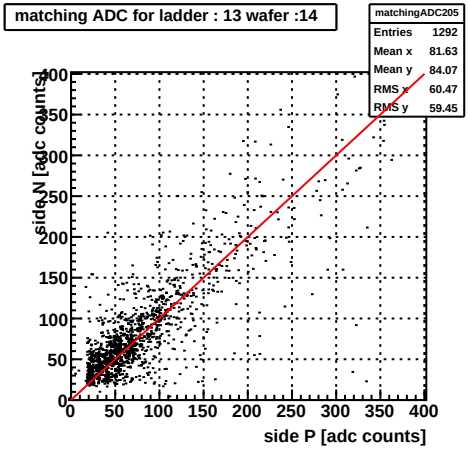

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 124
Mean y 59
RMS x 59
RMS y 0
side N [adc counts]
side P [adc counts]

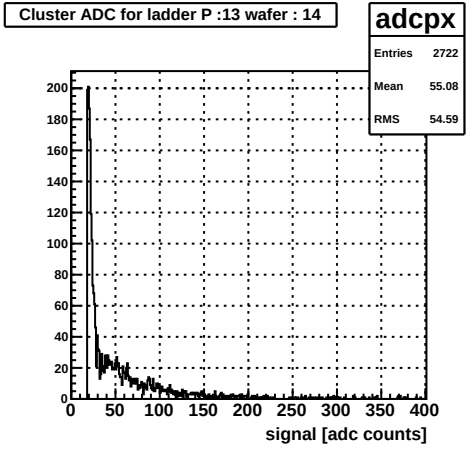

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 123
Mean 56.39
RMS 29.33
signal [adc counts]

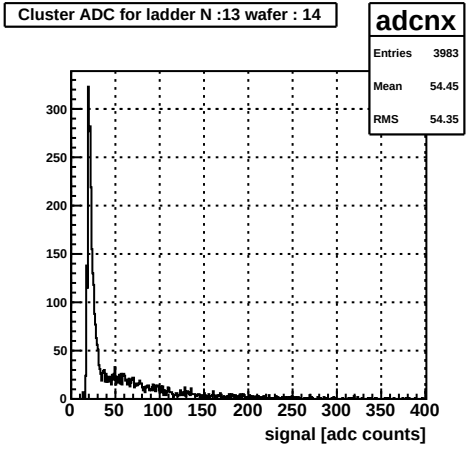

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2546
Mean 70.14
RMS 60.03
signal [adc counts]

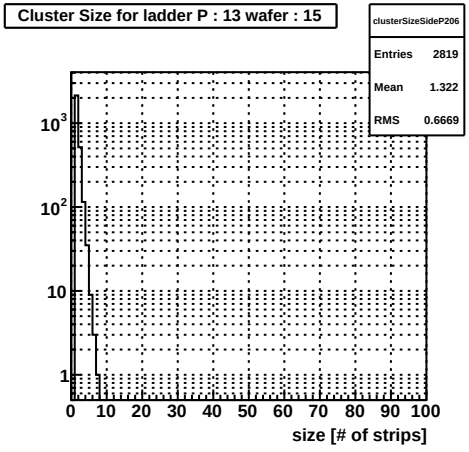

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2722
Mean 1.28
RMS 0.6229
size [# of strips]

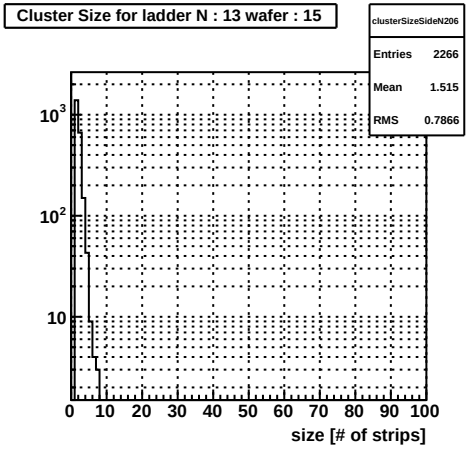

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3983
Mean 1.375
RMS 0.7768
size [# of strips]

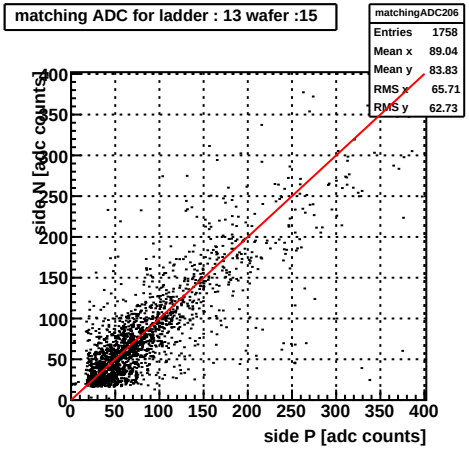

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1292
Mean x 81.63
Mean y 84.07
RMS x 60.47
RMS y 59.45
side N [adc counts]
side P [adc counts]

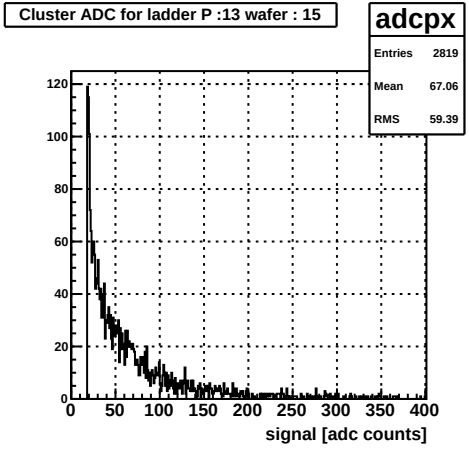

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2722
Mean 55.08
RMS 54.59
signal [adc counts]

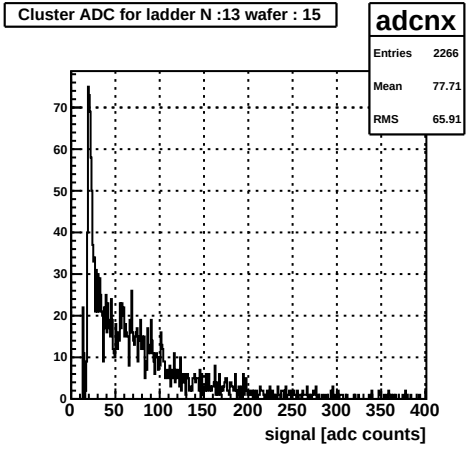

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3983
Mean 54.45
RMS 54.35
signal [adc counts]

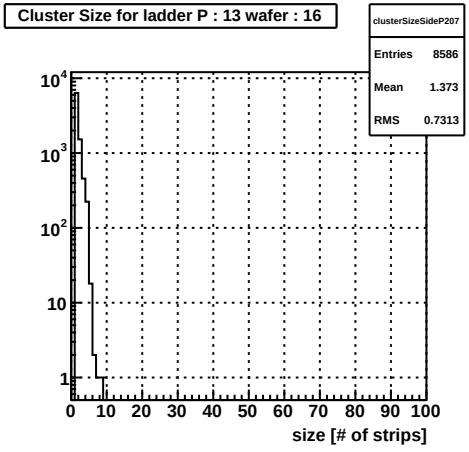

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2819
Mean 1.322
RMS 0.6669
size [# of strips]

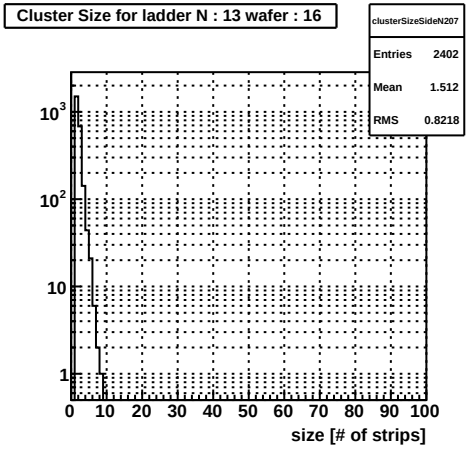

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2266
Mean 1.515
RMS 0.7866
size [# of strips]

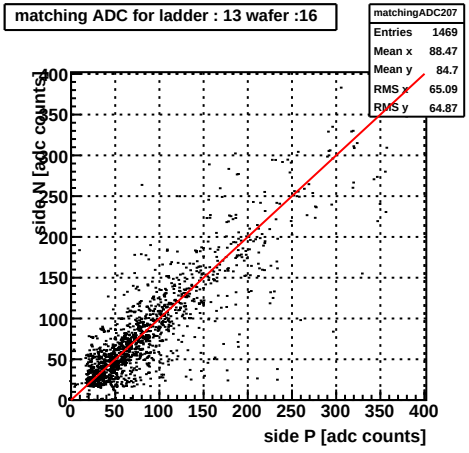

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1758
Mean x 89.04
Mean y 83.83
RMS x 65.71
RMS y 62.73
side N [adc counts]
side P [adc counts]

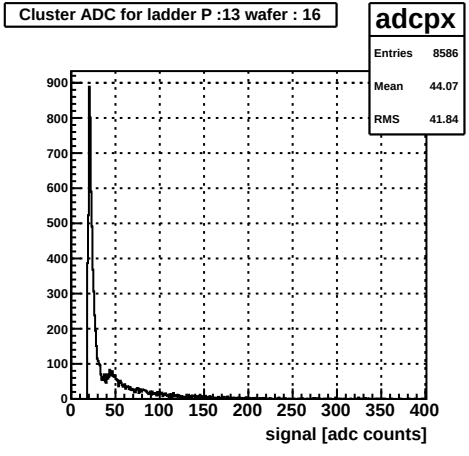

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2819
Mean 67.06
RMS 59.39
signal [adc counts]

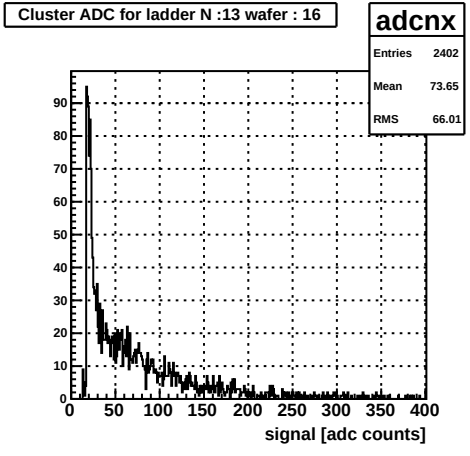

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2266
Mean 77.71
RMS 65.91
signal [adc counts]

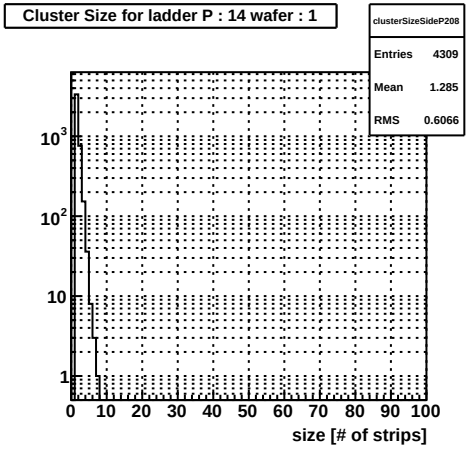

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8586
Mean 1.373
RMS 0.7313
size [# of strips]

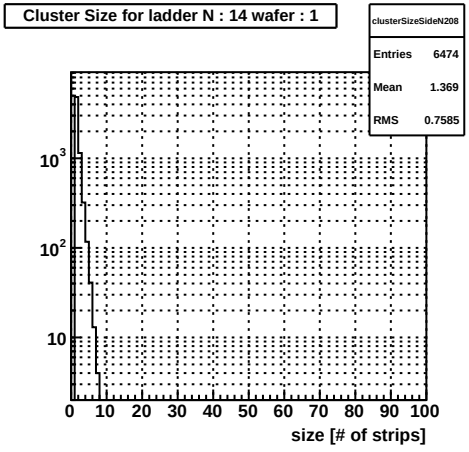

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2402
Mean 1.512
RMS 0.8218
size [# of strips]

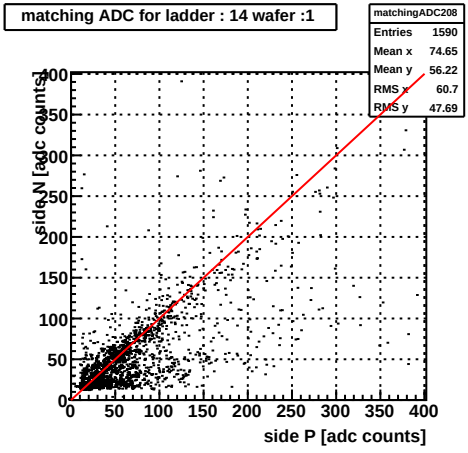

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1469
Mean x 88.47
Mean y 84.7
RMS x 65.09
RMS y 64.87
side N [adc counts]
side P [adc counts]

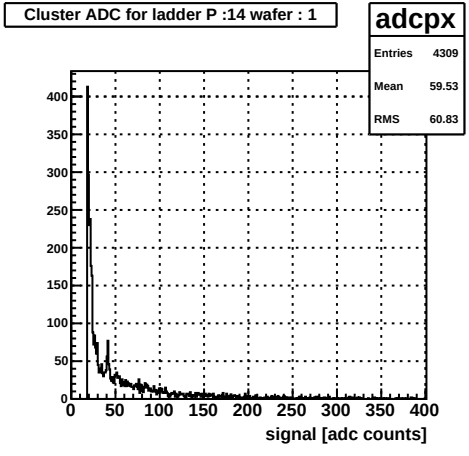

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8586
Mean 44.07
RMS 41.84
signal [adc counts]

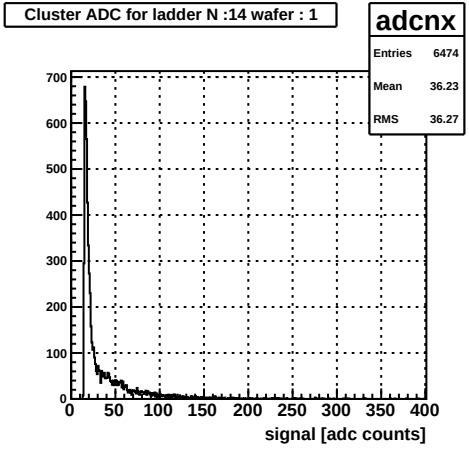

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2402
Mean 73.65
RMS 66.01
signal [adc counts]

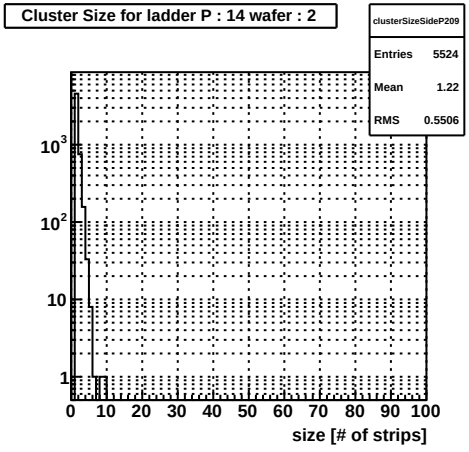

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4309
Mean 1.285
RMS 0.6066
size [# of strips]

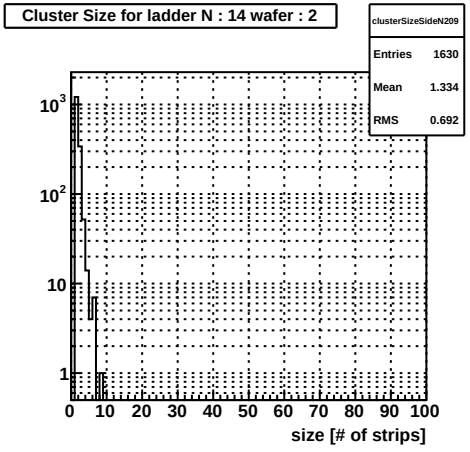

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6474
Mean 1.369
RMS 0.7585
size [# of strips]

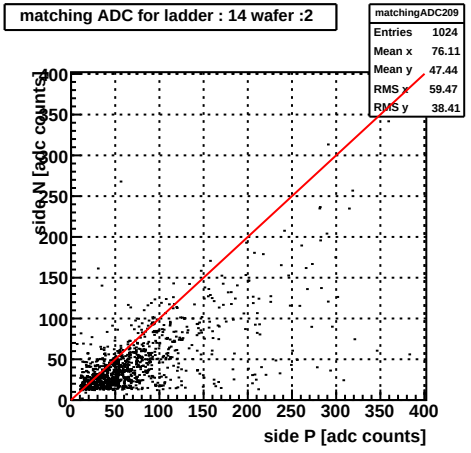

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1590
Mean x 74.65
Mean y 56.22
RMS x 60.7
RMS y 47.69
side N [adc counts]
side P [adc counts]

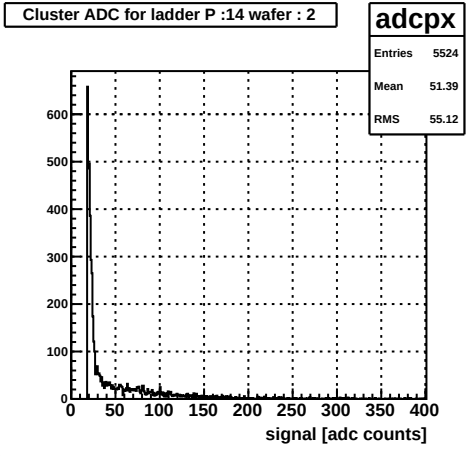

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4309
Mean 59.53
RMS 60.83
signal [adc counts]

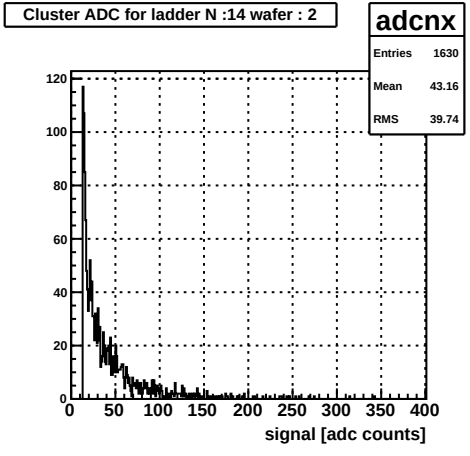

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6474
Mean 36.23
RMS 36.27
signal [adc counts]

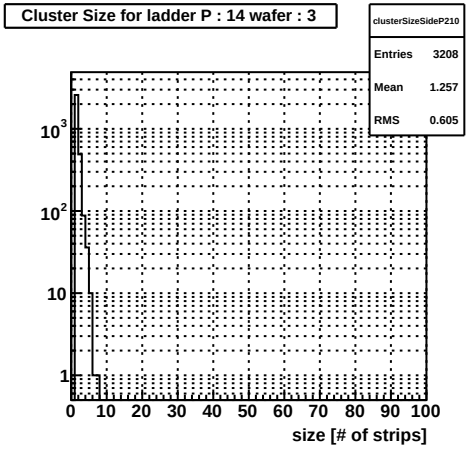

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5524
Mean 1.22
RMS 0.5506
size [# of strips]

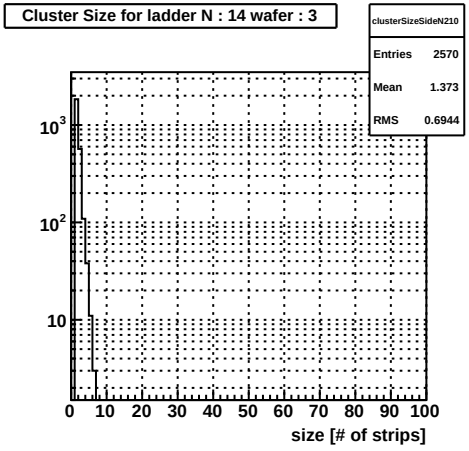

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1630
Mean 1.334
RMS 0.692
size [# of strips]

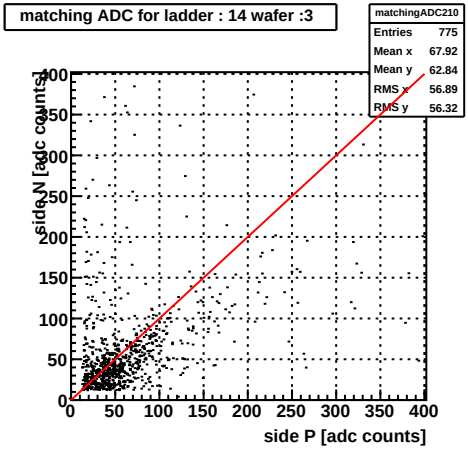

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1024
Mean x 76.11
Mean y 47.44
RMS x 59.47
RMS y 38.41
side N [adc counts]
side P [adc counts]

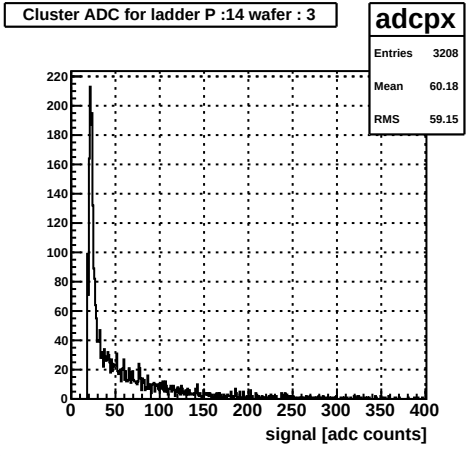

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5524
Mean 51.39
RMS 55.12
signal [adc counts]

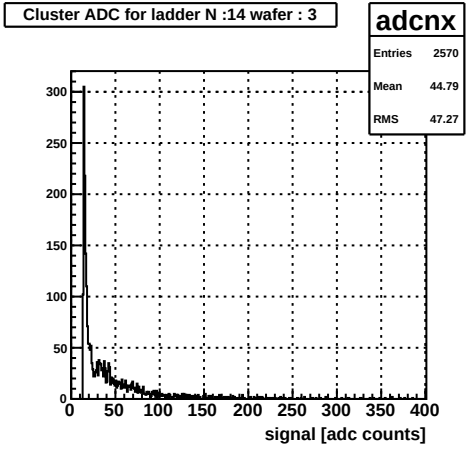

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1630
Mean 43.16
RMS 39.74
signal [adc counts]

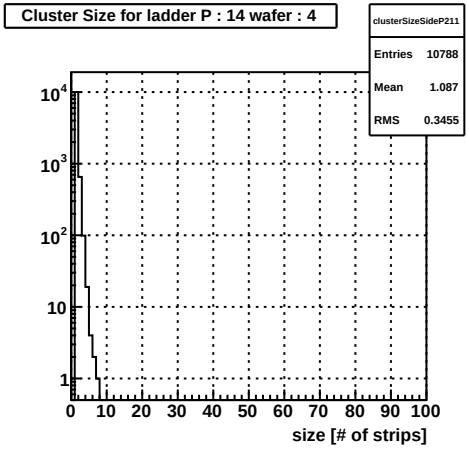

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3208
Mean 1.257
RMS 0.605
size [# of strips]

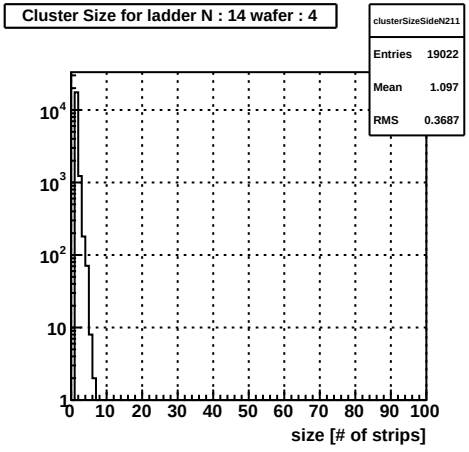

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2570
Mean 1.373
RMS 0.6944
size [# of strips]

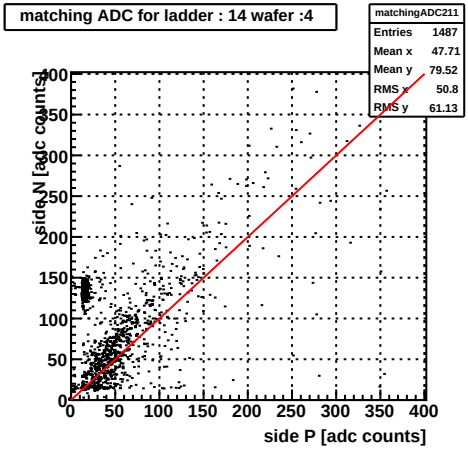

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 775
Mean x 67.92
Mean y 62.84
RMS x 56.89
RMS y 56.32
side N [adc counts]
side P [adc counts]

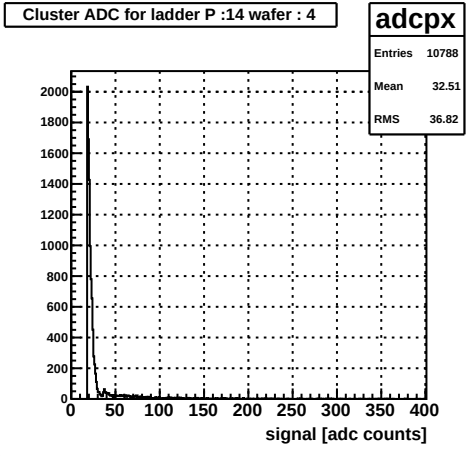

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3208
Mean 60.18
RMS 59.15
signal [adc counts]

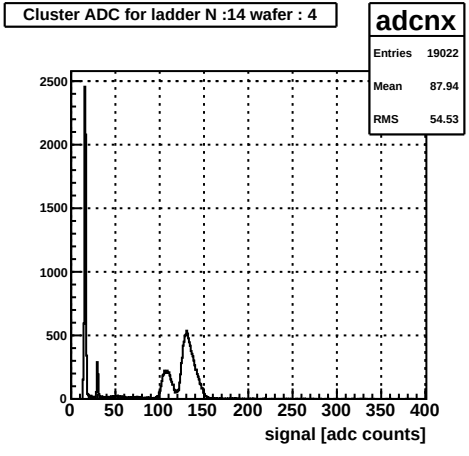

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2570
Mean 44.79
RMS 47.27
signal [adc counts]

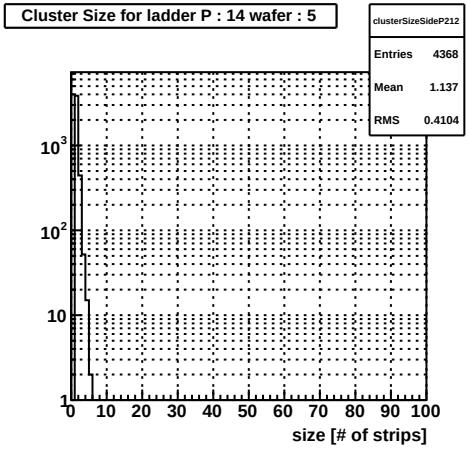

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 10788
Mean 1.087
RMS 0.3455
size [# of strips]

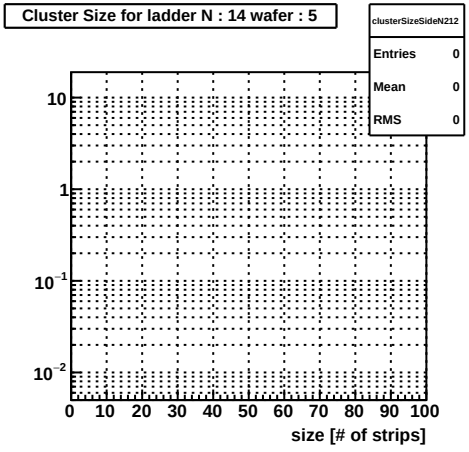

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 19022
Mean 1.097
RMS 0.3687
size [# of strips]

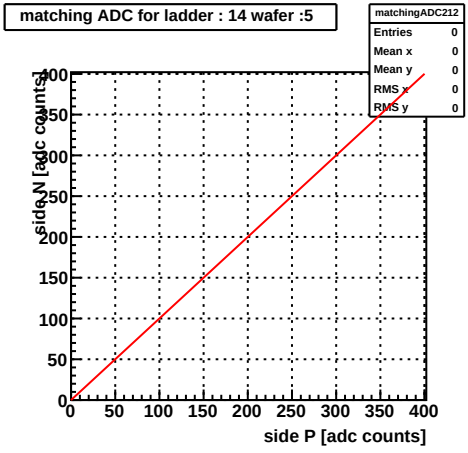

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1487
Mean x 47.71
Mean y 79.52
RMS x 50.8
RMS y 61.13
side N [adc counts]
side P [adc counts]

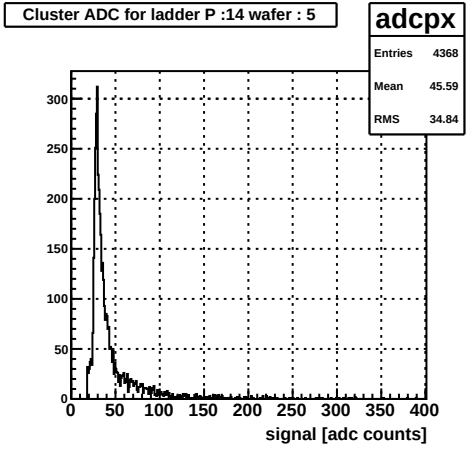

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 10788
Mean 32.51
RMS 36.82
signal [adc counts]

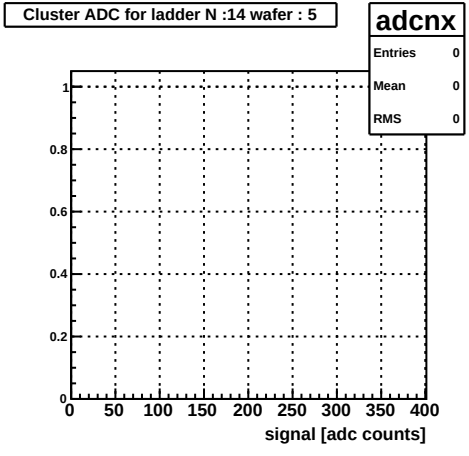

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 19022
Mean 87.94
RMS 54.53
signal [adc counts]

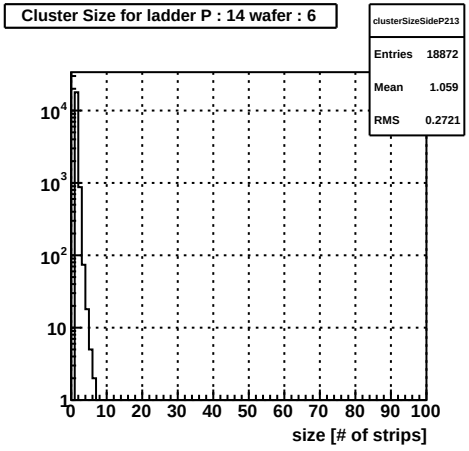

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4368
Mean 1.137
RMS 0.4104
size [# of strips]

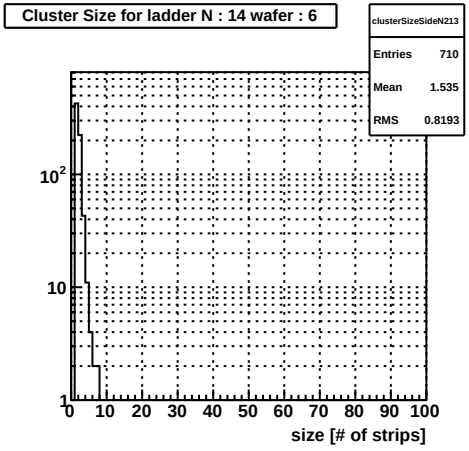

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

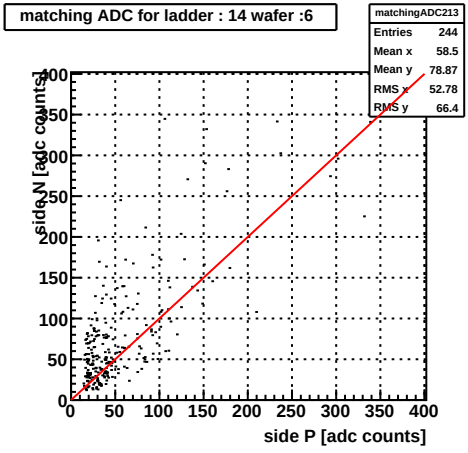

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

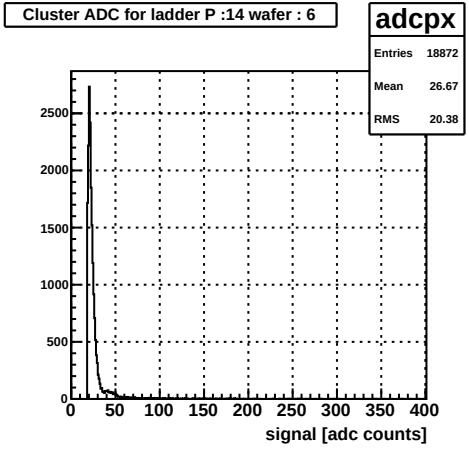

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4368
Mean 45.59
RMS 34.84
signal [adc counts]

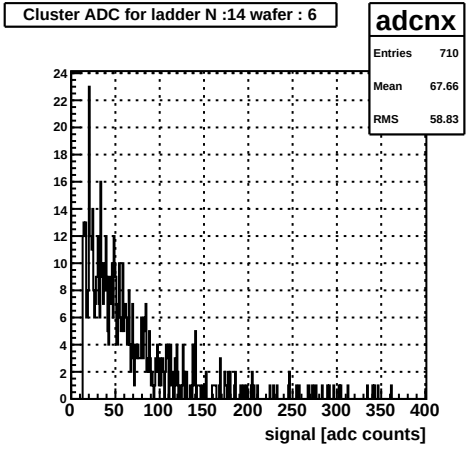

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

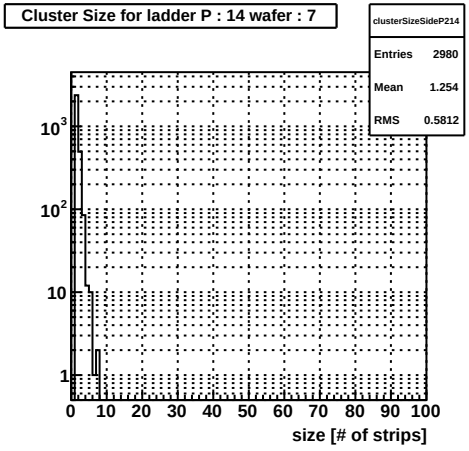

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18872
Mean 1.059
RMS 0.2721
size [# of strips]

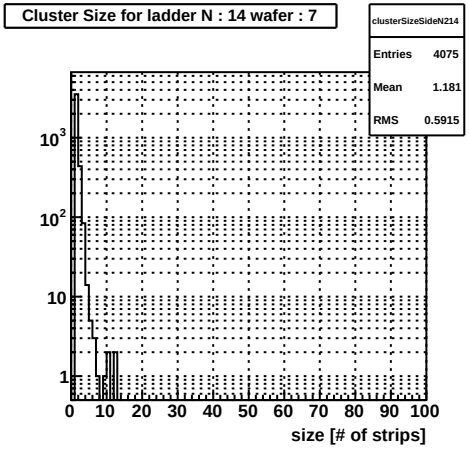

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 710
Mean 1.535
RMS 0.8193
size [# of strips]

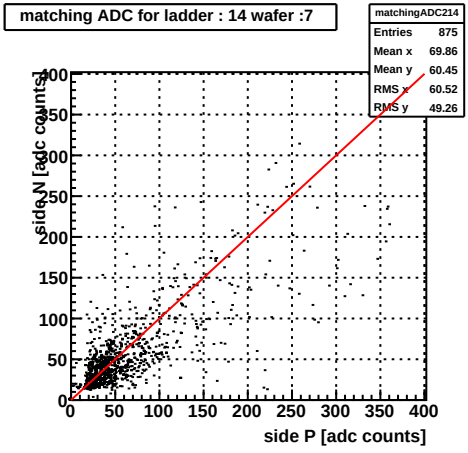

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 244
Mean x 58.5
Mean y 78.87
RMS x 52.78
RMS y 66.4
side N [adc counts]
side P [adc counts]

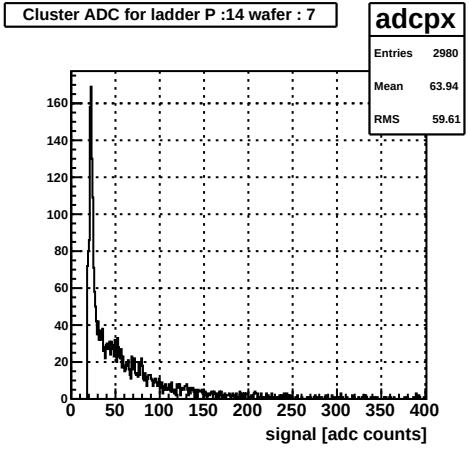

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18872
Mean 26.67
RMS 20.38
signal [adc counts]

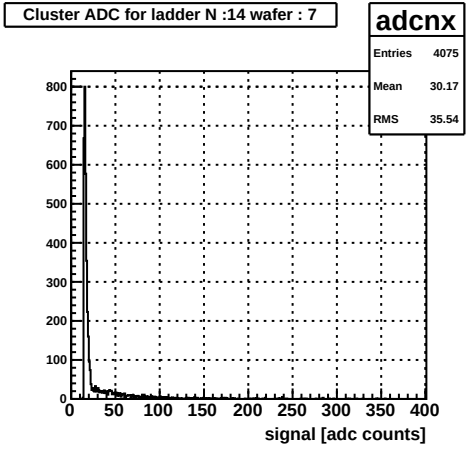

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 710
Mean 67.66
RMS 58.83
signal [adc counts]

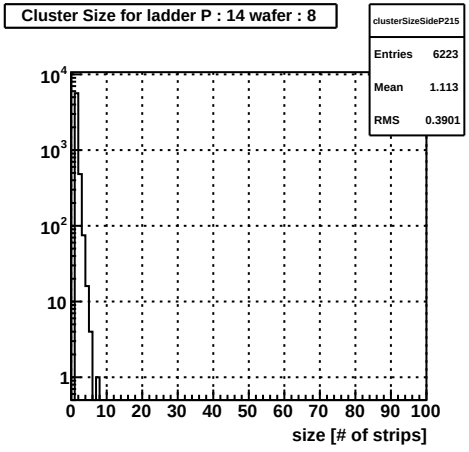

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2980
Mean 1.254
RMS 0.5812
size [# of strips]

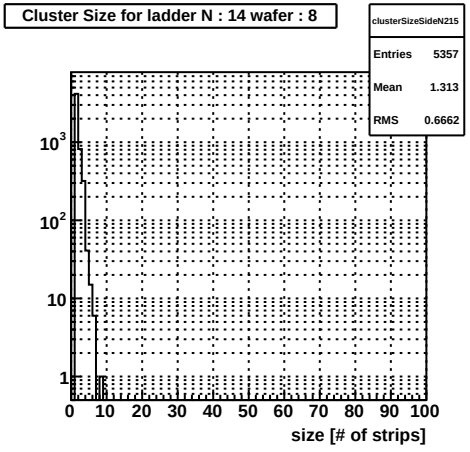

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 4075
Mean 1.181
RMS 0.5915
size [# of strips]

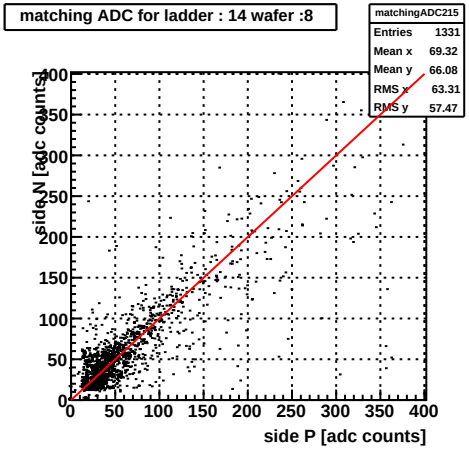

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 875
Mean x 69.86
Mean y 60.45
RMS x 60.52
RMS y 49.26
side N [adc counts]
side P [adc counts]

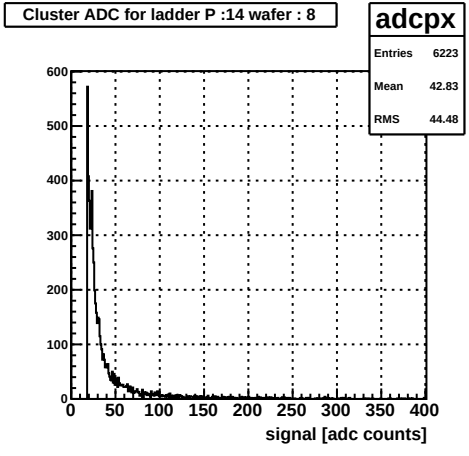

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2980
Mean 63.94
RMS 59.61
signal [adc counts]

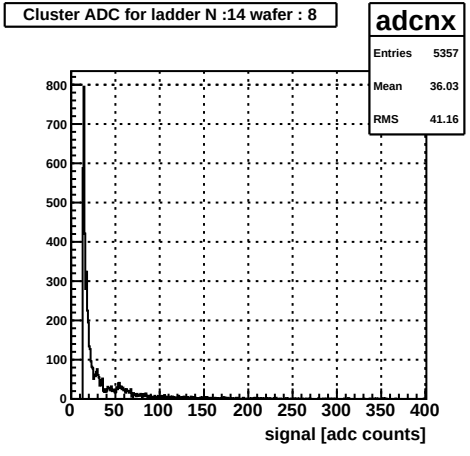

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 4075
Mean 30.17
RMS 35.54
signal [adc counts]

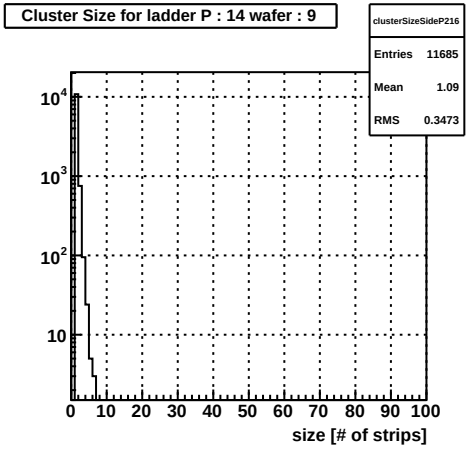

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6223
Mean 1.113
RMS 0.3901
size [# of strips]

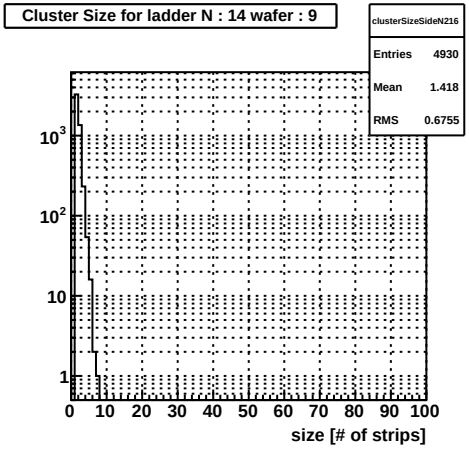

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5357
Mean 1.313
RMS 0.6662
size [# of strips]

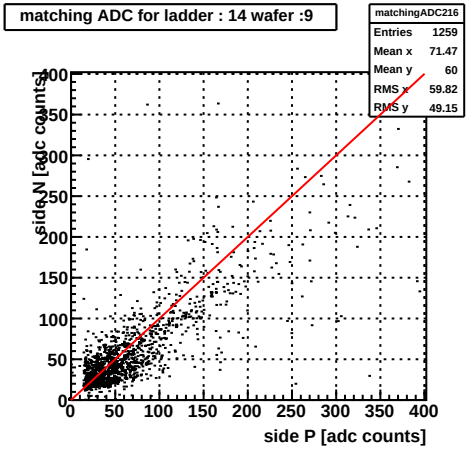

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1331
Mean x 69.32
Mean y 66.08
RMS x 63.31
RMS y 57.47
side N [adc counts]
side P [adc counts]

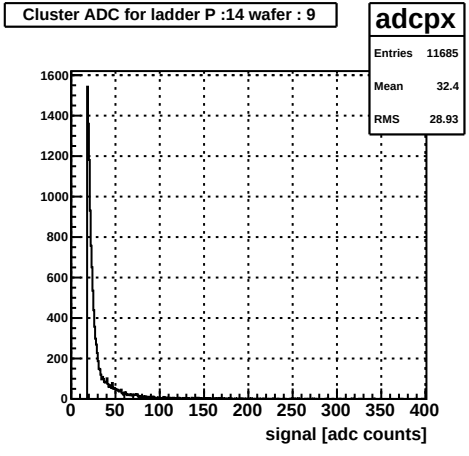

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6223
Mean 42.83
RMS 44.48
signal [adc counts]

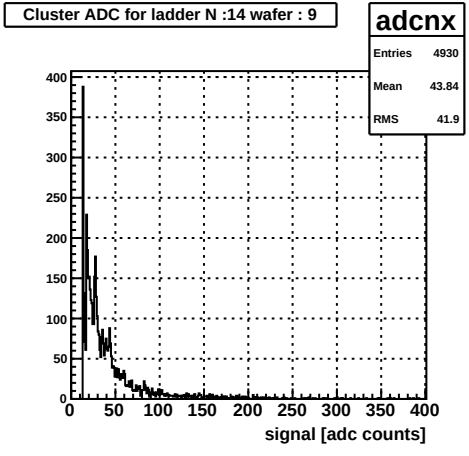

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5357
Mean 36.03
RMS 41.16
signal [adc counts]

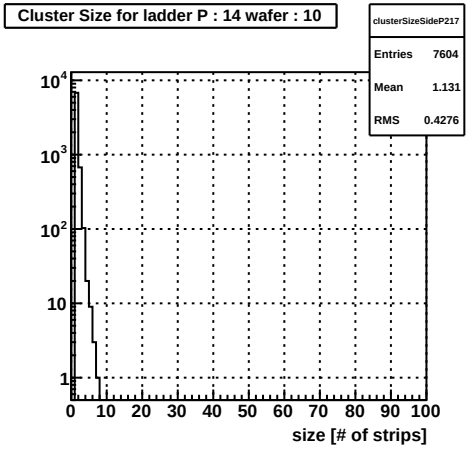

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11685
Mean 1.09
RMS 0.3473
size [# of strips]

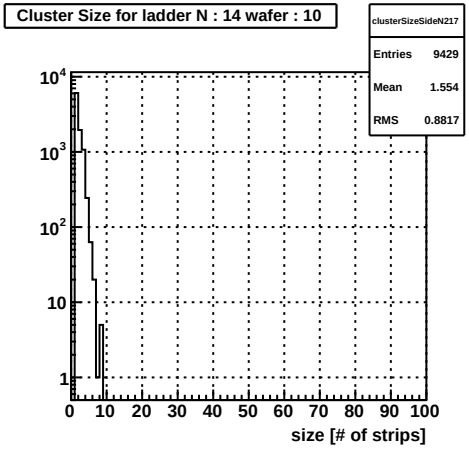

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4930
Mean 1.418
RMS 0.6755
size [# of strips]

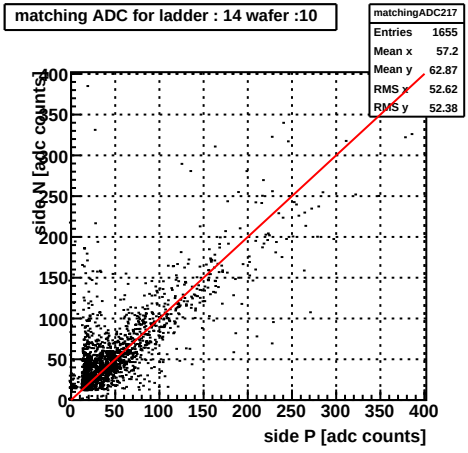

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1259
Mean x 71.47
Mean y 60
RMS x 59.82
RMS y 49.15
side N [adc counts]
side P [adc counts]

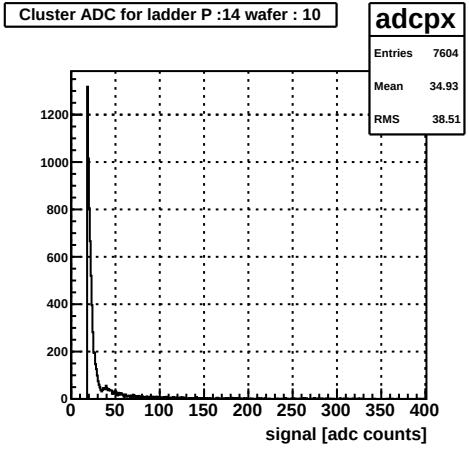

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11685
Mean 32.4
RMS 28.93
signal [adc counts]

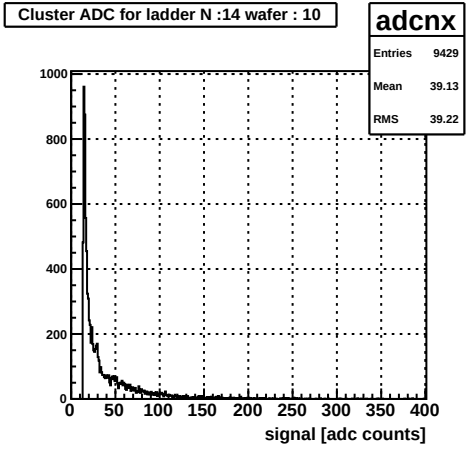

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4930
Mean 43.84
RMS 41.9
signal [adc counts]

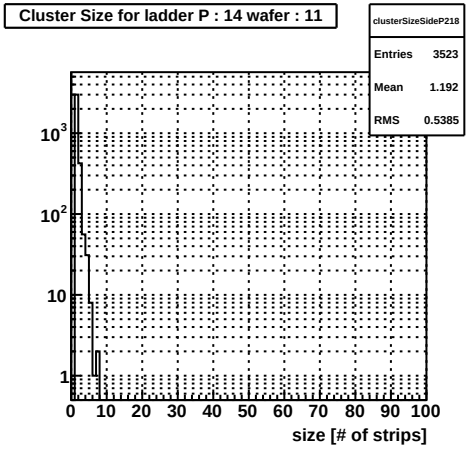

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7604
Mean 1.131
RMS 0.4276
size [# of strips]

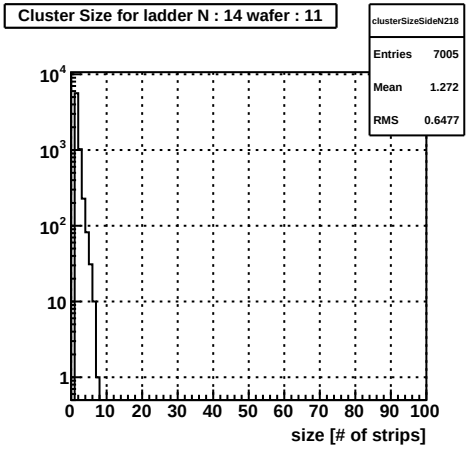

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9429
Mean 1.554
RMS 0.8817
size [# of strips]

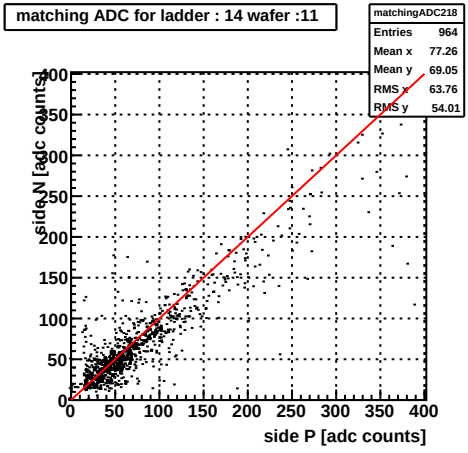

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1655
Mean x 57.2
Mean y 62.87
RMS x 52.62
RMS y 52.38
side N [adc counts]
side P [adc counts]

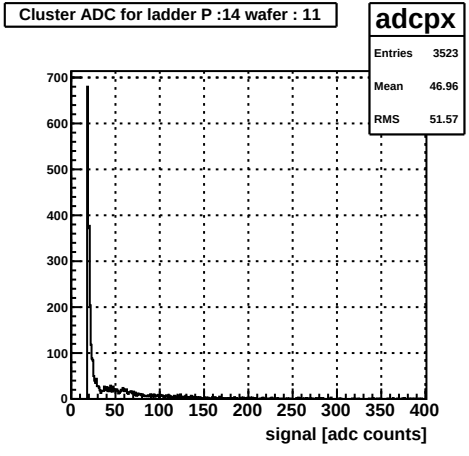

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7604
Mean 34.93
RMS 38.51
signal [adc counts]

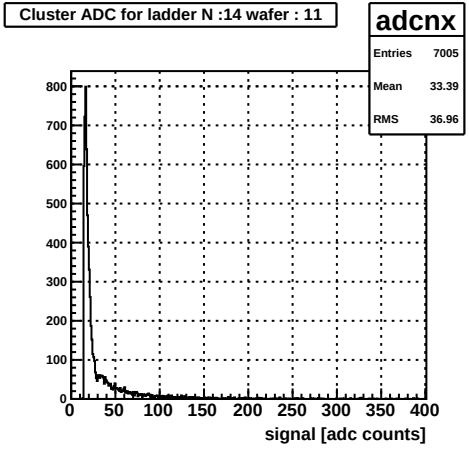

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9429
Mean 39.13
RMS 39.22
signal [adc counts]

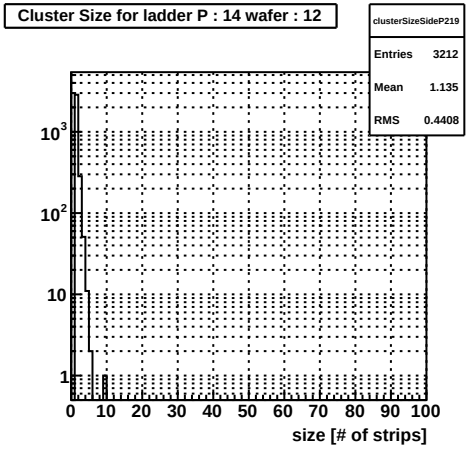

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3523
Mean 1.192
RMS 0.5385
size [# of strips]

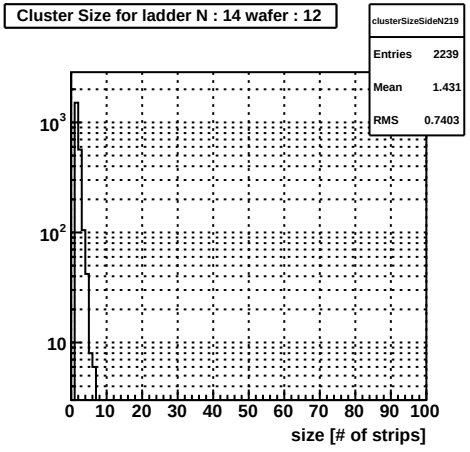

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7005
Mean 1.272
RMS 0.6477
size [# of strips]

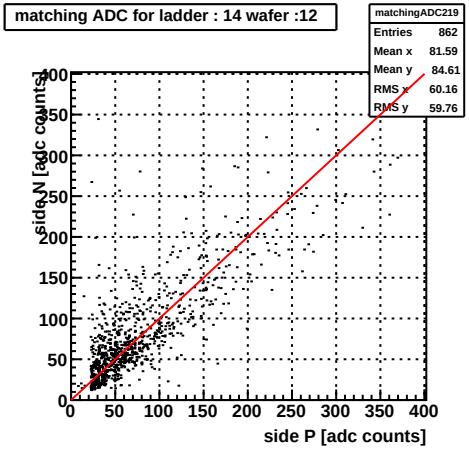

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 964
Mean x 77.26
Mean y 69.05
RMS x 63.76
RMS y 54.01
side N [adc counts]
side P [adc counts]

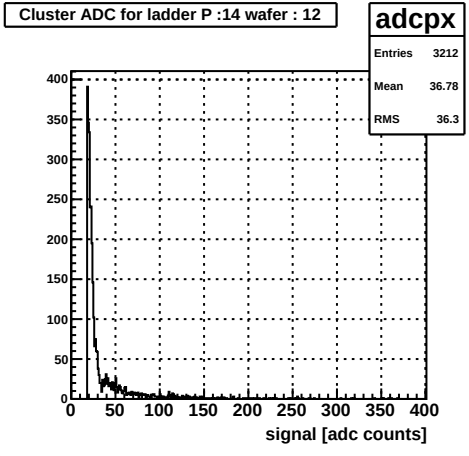

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3523
Mean 46.96
RMS 51.57
signal [adc counts]

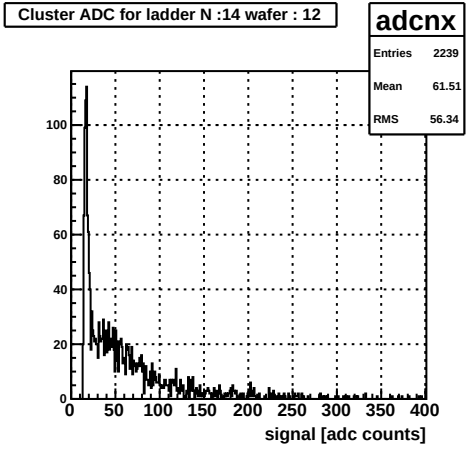

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7005
Mean 33.39
RMS 36.96
signal [adc counts]

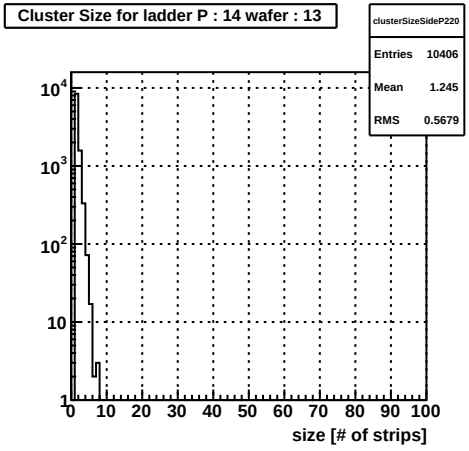

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3212
Mean 1.135
RMS 0.4408
size [# of strips]

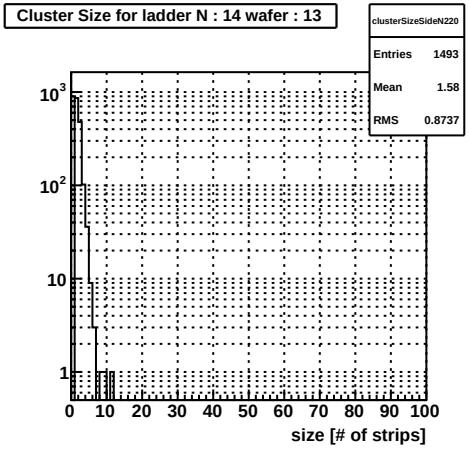

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2239
Mean 1.431
RMS 0.7403
size [# of strips]

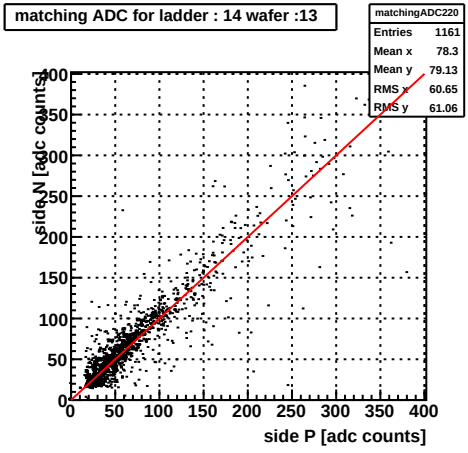

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 862
Mean x 81.59
Mean y 84.61
RMS x 60.16
RMS y 59.76
side N [adc counts]
side P [adc counts]

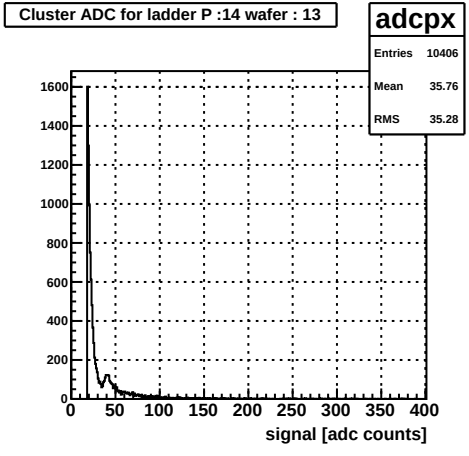

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3212
Mean 36.78
RMS 36.3
signal [adc counts]

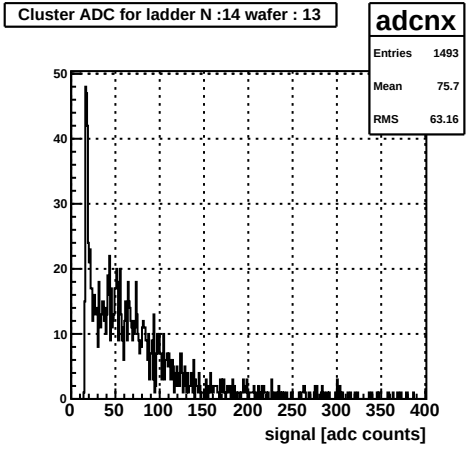

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2239
Mean 61.51
RMS 56.34
signal [adc counts]

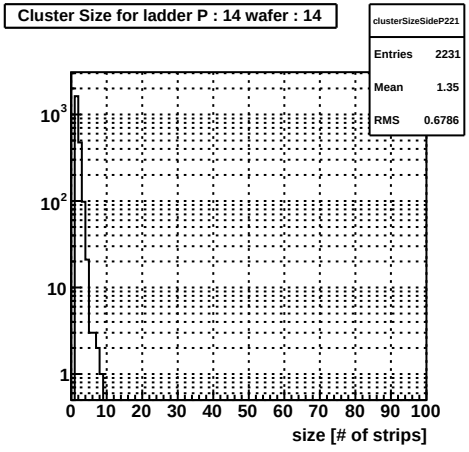

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10406
Mean 1.245
RMS 0.5679
size [# of strips]

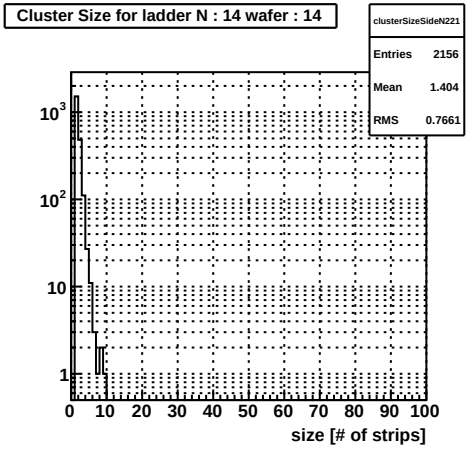

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1493
Mean 1.58
RMS 0.8737
size [# of strips]

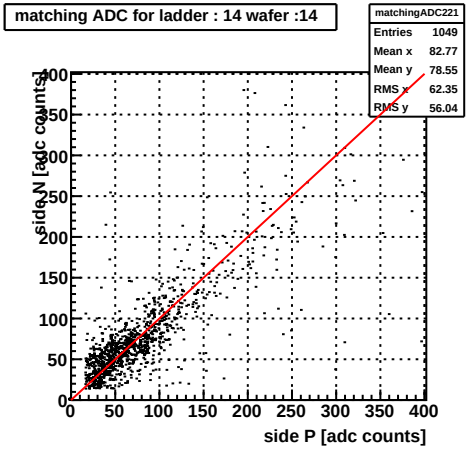

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1161
Mean x 78.3
Mean y 79.13
RMS x 60.65
RMS y 61.06
side N [adc counts]
side P [adc counts]

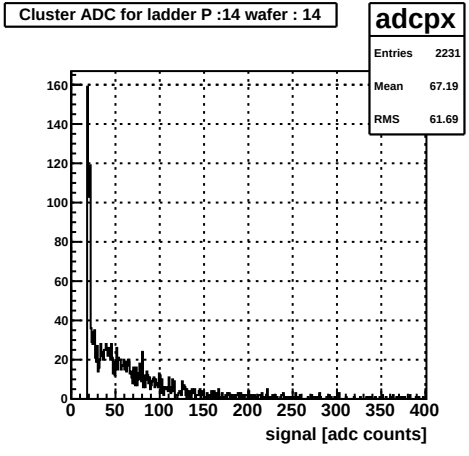

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10406
Mean 35.76
RMS 35.28
signal [adc counts]

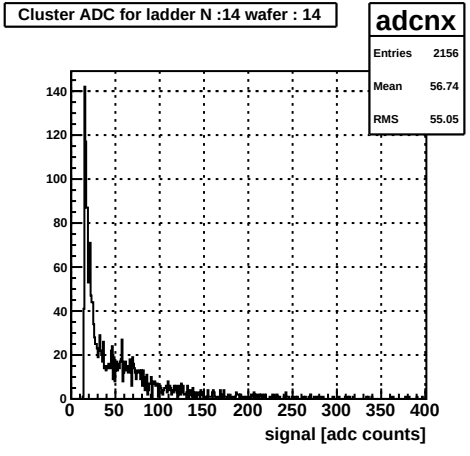

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1493
Mean 75.7
RMS 63.16
signal [adc counts]

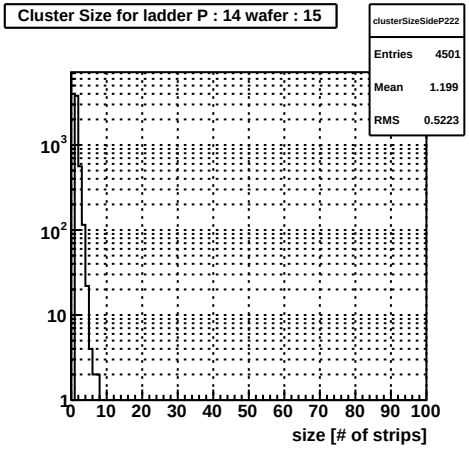

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 2231
Mean 1.35
RMS 0.6786
size [# of strips]

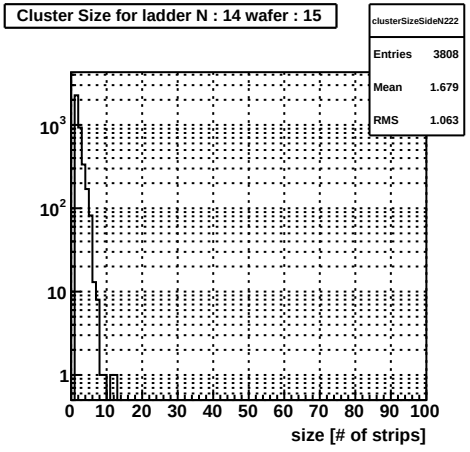

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2156
Mean 1.404
RMS 0.7661
size [# of strips]

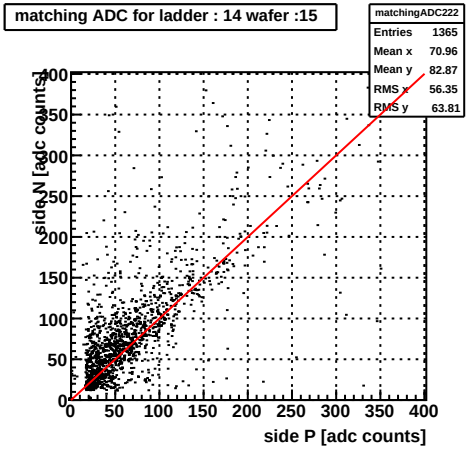

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1049
Mean x 82.77
Mean y 78.55
RMS x 62.35
RMS y 56.04
side N [adc counts]
side P [adc counts]

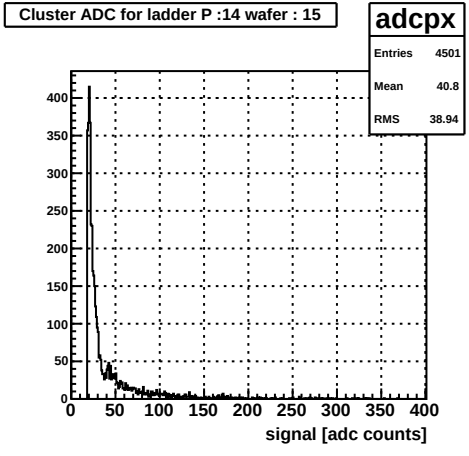

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 2231
Mean 67.19
RMS 61.69
signal [adc counts]

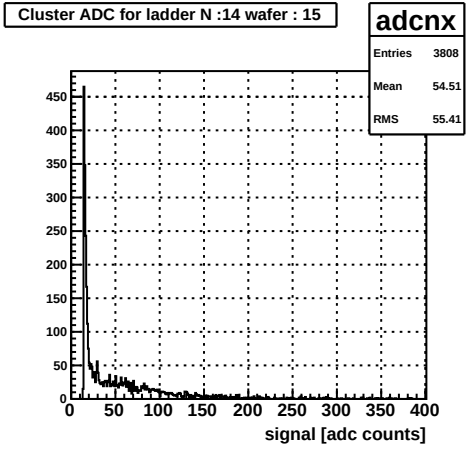

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2156
Mean 56.74
RMS 55.05
signal [adc counts]

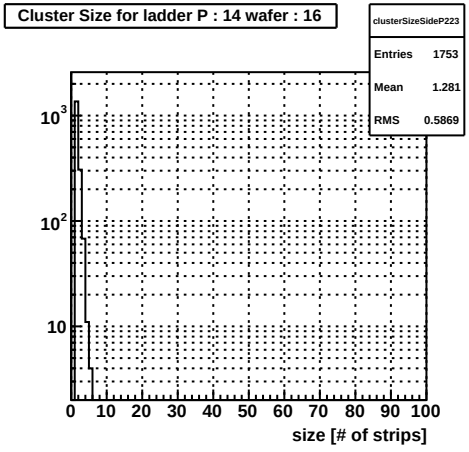

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4501
Mean 1.199
RMS 0.5223
size [# of strips]

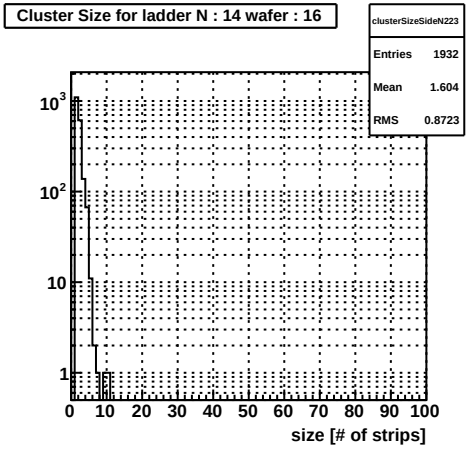

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3808
Mean 1.679
RMS 1.063
size [# of strips]

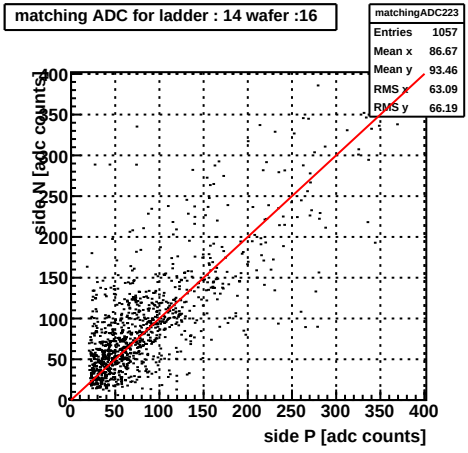

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1365
Mean x 70.96
Mean y 82.87
RMS x 56.35
RMS y 63.81
side N [adc counts]
side P [adc counts]

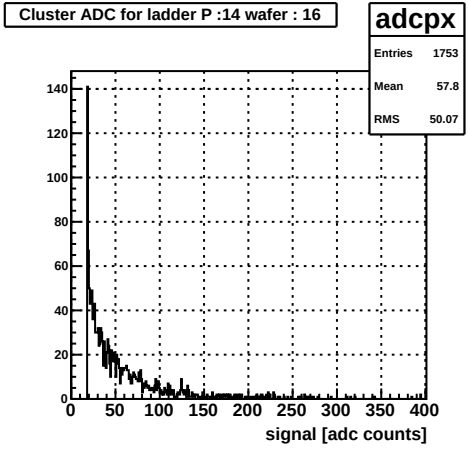

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4501
Mean 40.8
RMS 38.94
signal [adc counts]

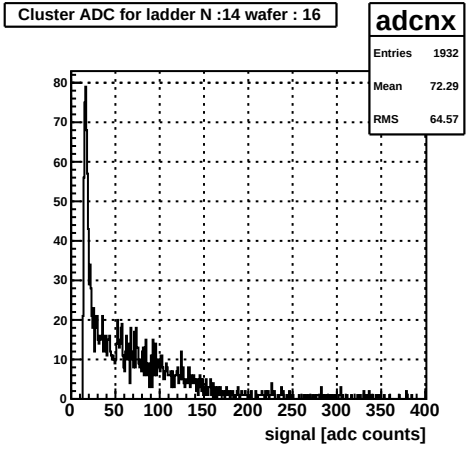

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3808
Mean 54.51
RMS 55.41
signal [adc counts]

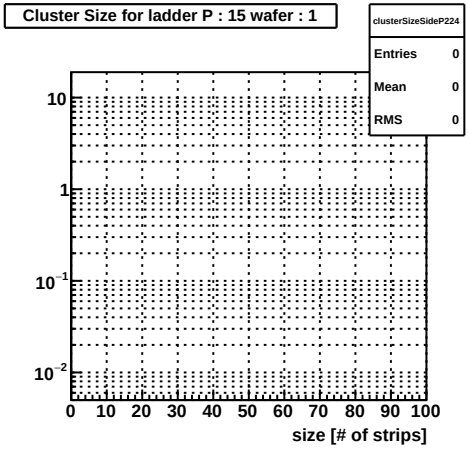

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1753
Mean 1.281
RMS 0.5869
size [# of strips]

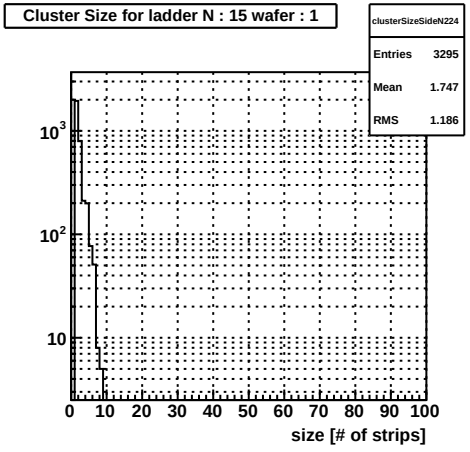

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1932
Mean 1.604
RMS 0.8723
size [# of strips]

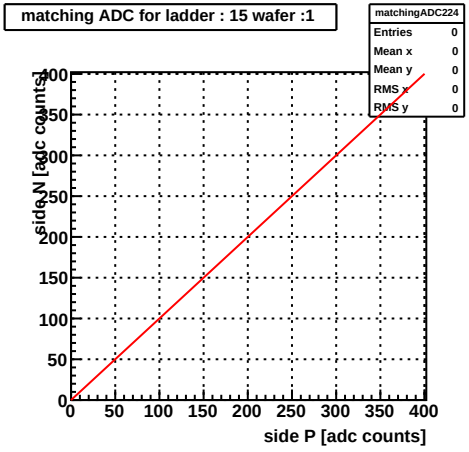

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1057
Mean x 86.67
Mean y 93.46
RMS x 63.09
RMS y 66.19
side N [adc counts]
side P [adc counts]

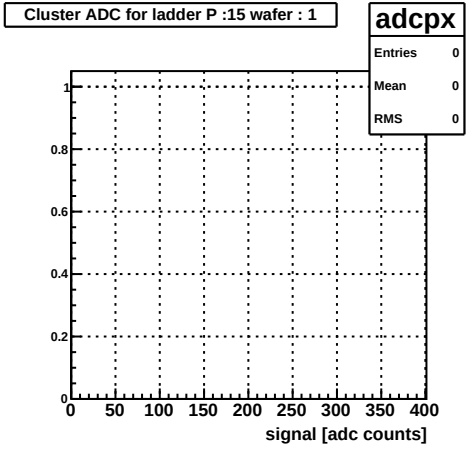

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1753
Mean 57.8
RMS 50.07
signal [adc counts]

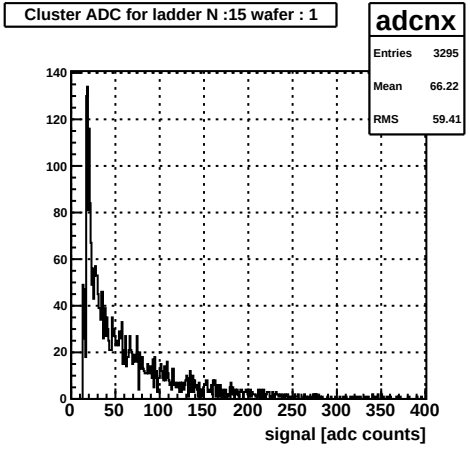

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1932
Mean 72.29
RMS 64.57
signal [adc counts]

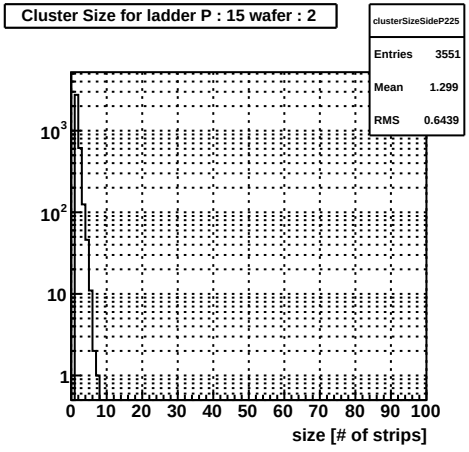

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

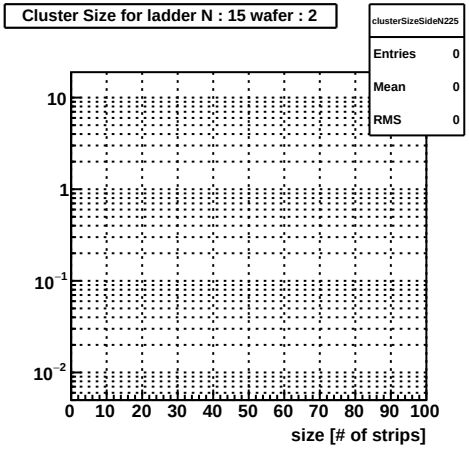

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3295
Mean 1.747
RMS 1.186
size [# of strips]

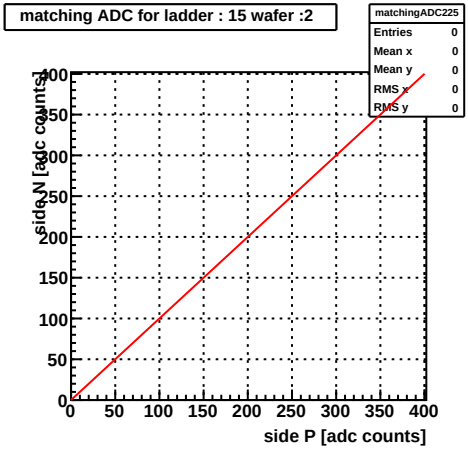

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

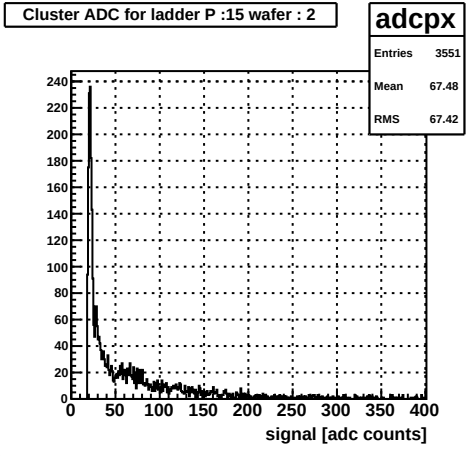

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

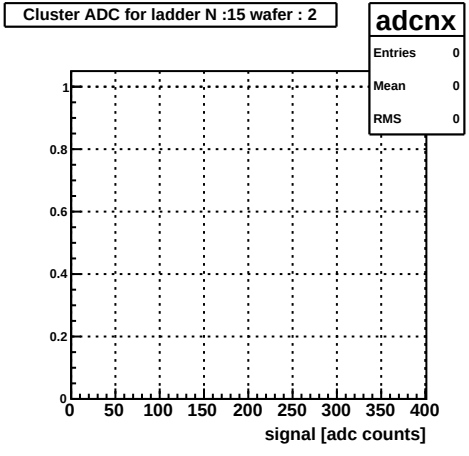

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3295
Mean 66.22
RMS 59.41
signal [adc counts]

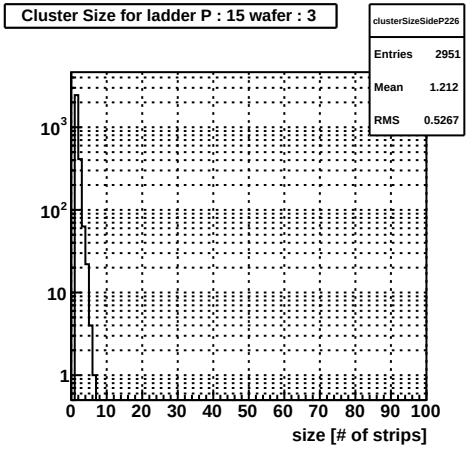

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3551
Mean 1.299
RMS 0.6439
size [# of strips]

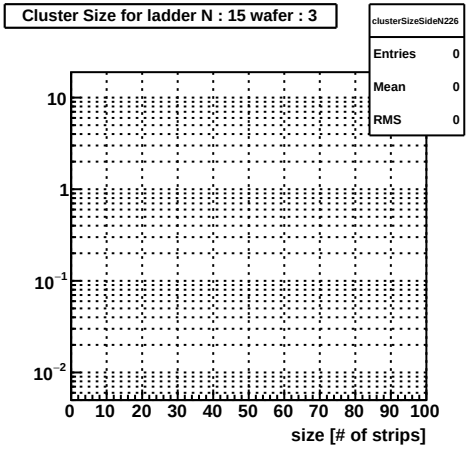

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

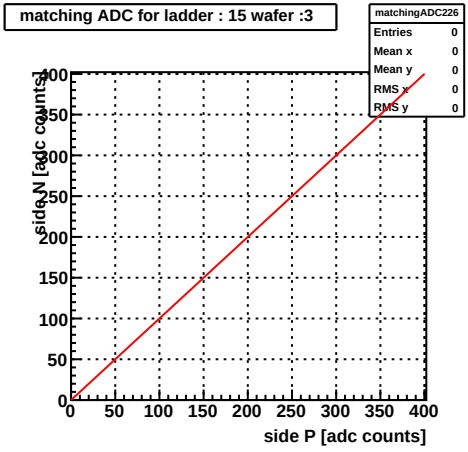

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

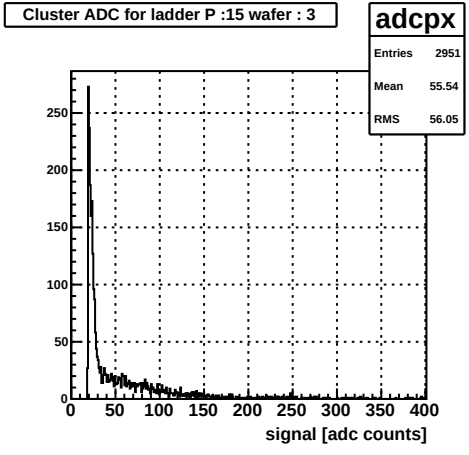

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3551
Mean 67.48
RMS 67.42
signal [adc counts]

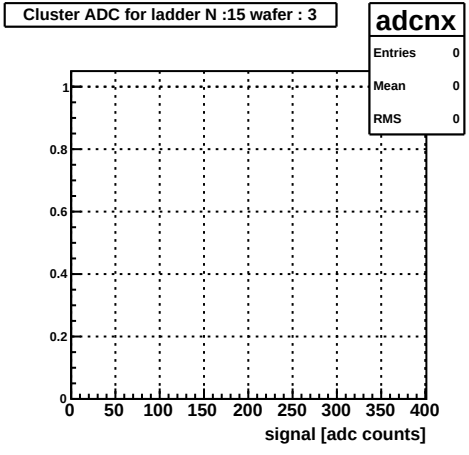

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

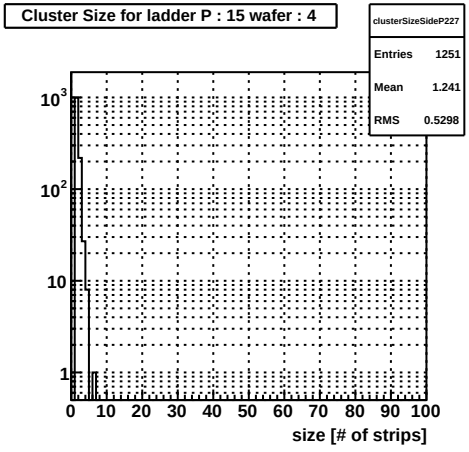

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2951
Mean 1.212
RMS 0.5267
size [# of strips]

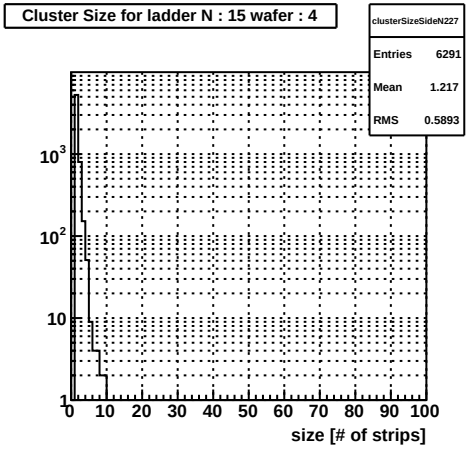

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

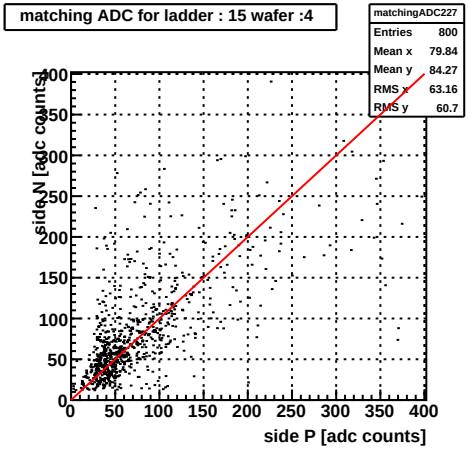

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

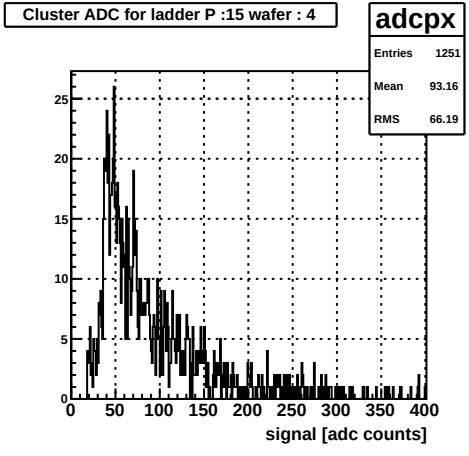

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2951
Mean 55.54
RMS 56.05
signal [adc counts]

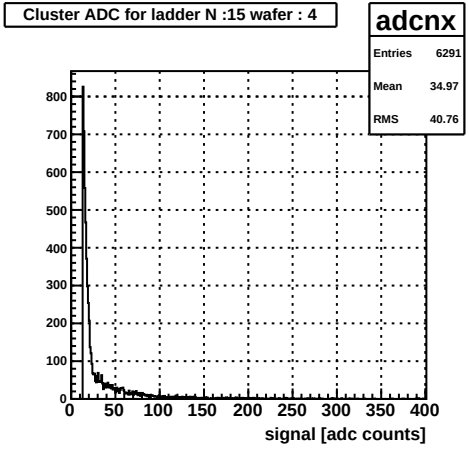

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

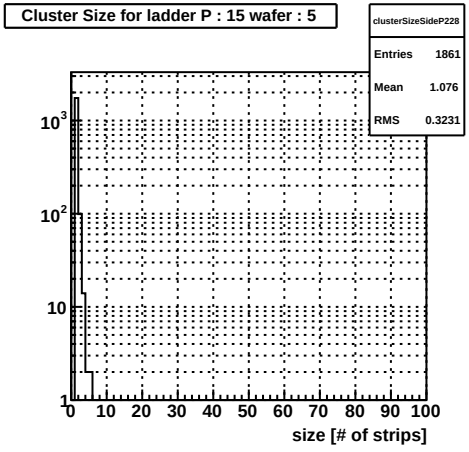

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1251
Mean 1.241
RMS 0.5298
size [# of strips]

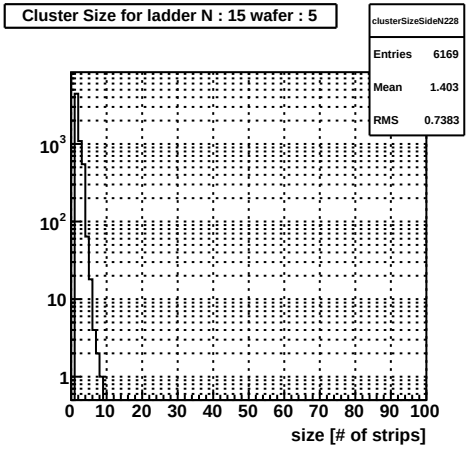

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6291
Mean 1.217
RMS 0.5893
size [# of strips]

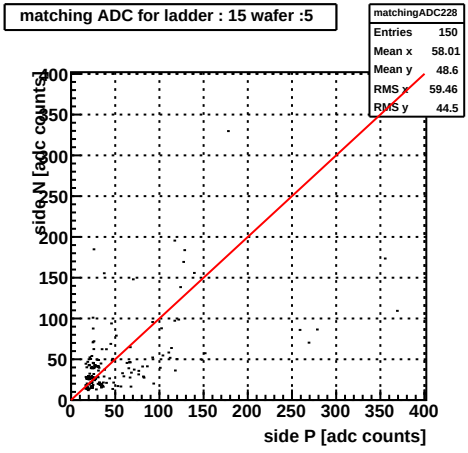

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 800
Mean x 79.84
Mean y 84.27
RMS x 63.16
RMS y 60.7
side N [adc counts]
side P [adc counts]

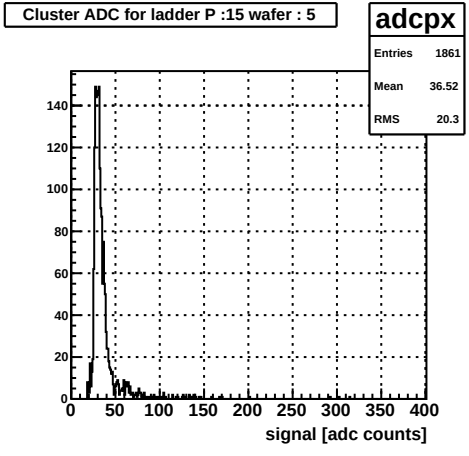

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1251
Mean 93.16
RMS 66.19
signal [adc counts]

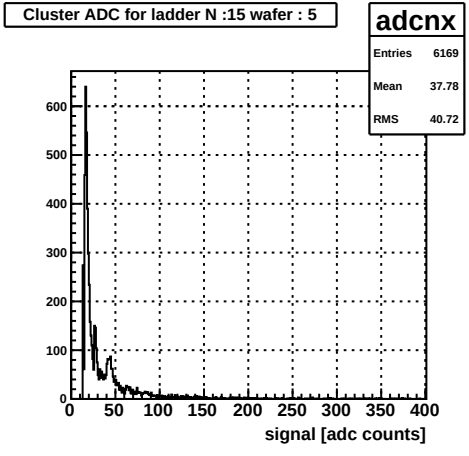

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6291
Mean 34.97
RMS 40.76
signal [adc counts]

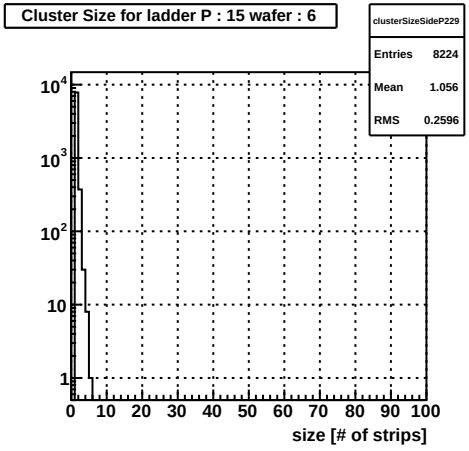

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1861
Mean 1.076
RMS 0.3231
size [# of strips]

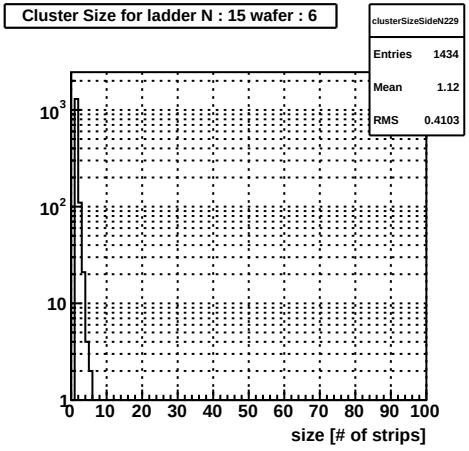

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6169
Mean 1.403
RMS 0.7383
size [# of strips]

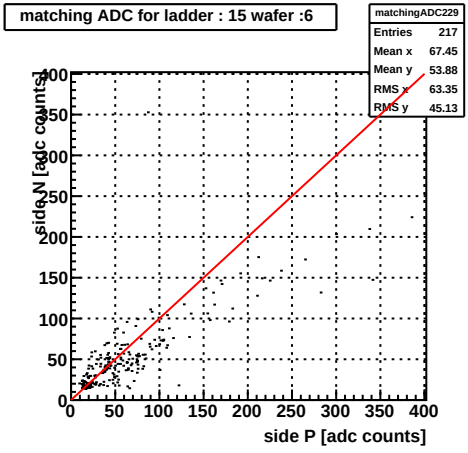

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 150
Mean x 58.01
Mean y 48.6
RMS x 59.46
RMS y 44.5
side N [adc counts]
side P [adc counts]

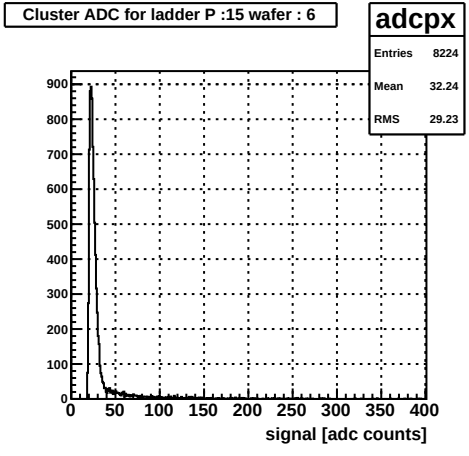

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1861
Mean 36.52
RMS 20.3
signal [adc counts]

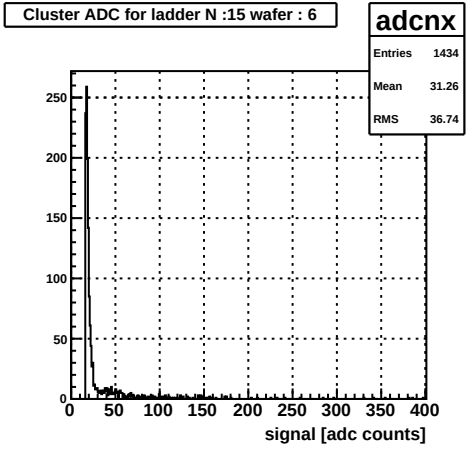

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6169
Mean 37.78
RMS 40.72
signal [adc counts]

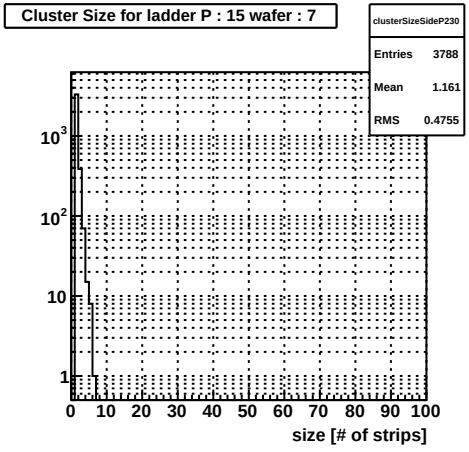

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8224
Mean 1.056
RMS 0.2596
size [# of strips]

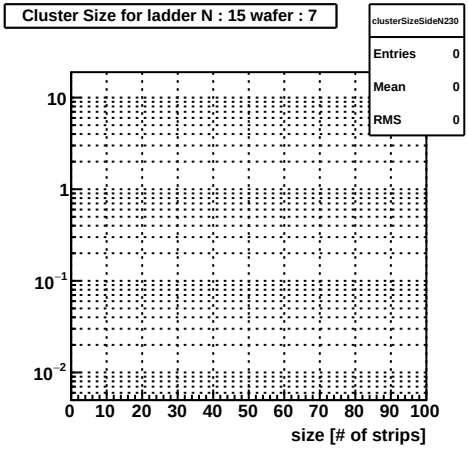

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1434
Mean 1.12
RMS 0.4103
size [# of strips]

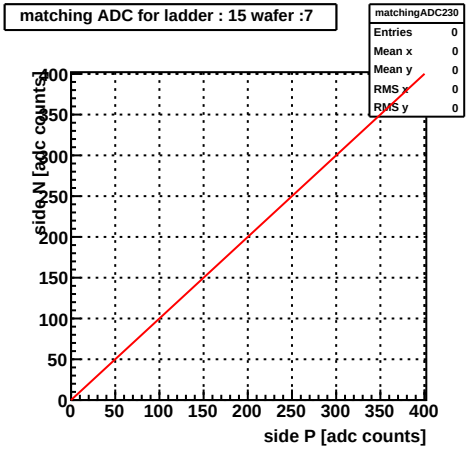

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 217
Mean x 67.45
Mean y 53.88
RMS x 63.35
RMS y 45.13
side N [adc counts]
side P [adc counts]

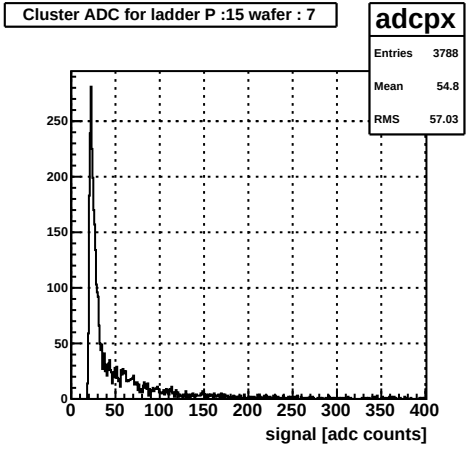

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8224
Mean 32.24
RMS 29.23
signal [adc counts]

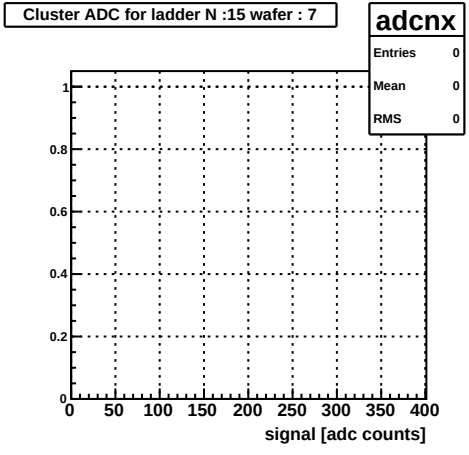

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1434
Mean 31.26
RMS 36.74
signal [adc counts]

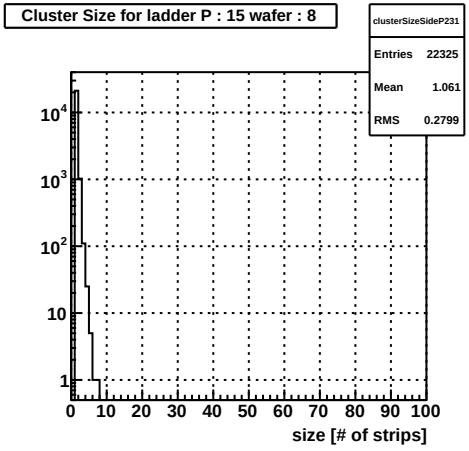

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3788
Mean 1.161
RMS 0.4755
size [# of strips]

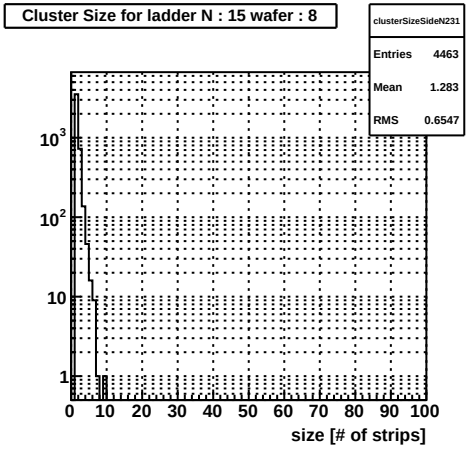

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

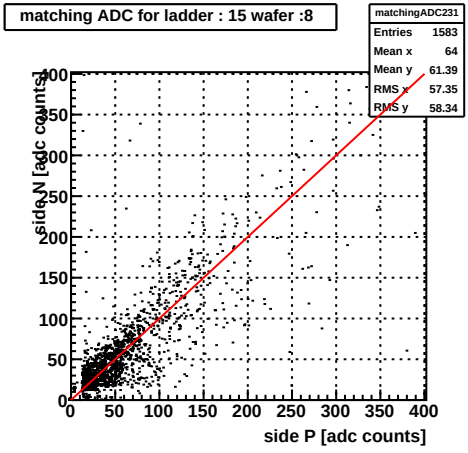

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

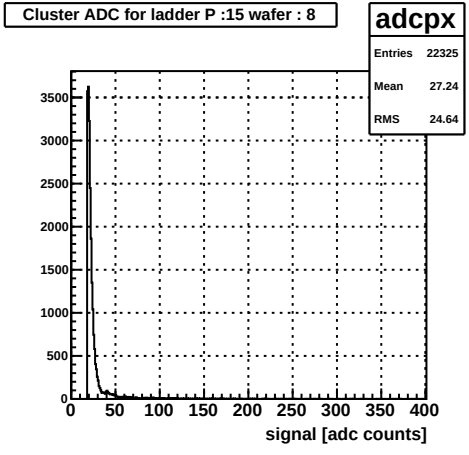

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3788
Mean 54.8
RMS 57.03
signal [adc counts]

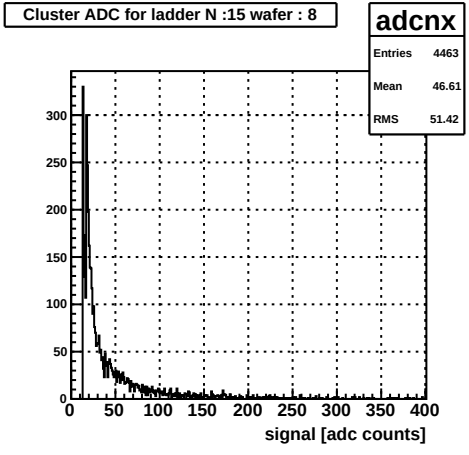

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

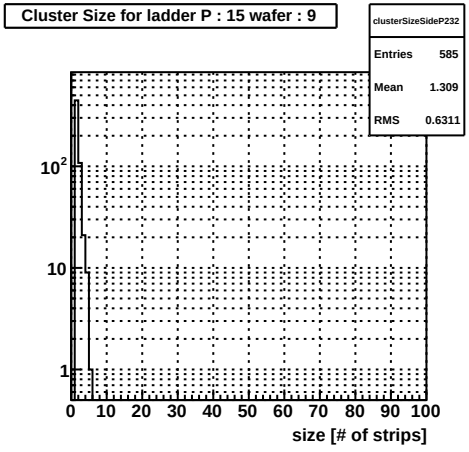

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22325
Mean 1.061
RMS 0.2799
size [# of strips]

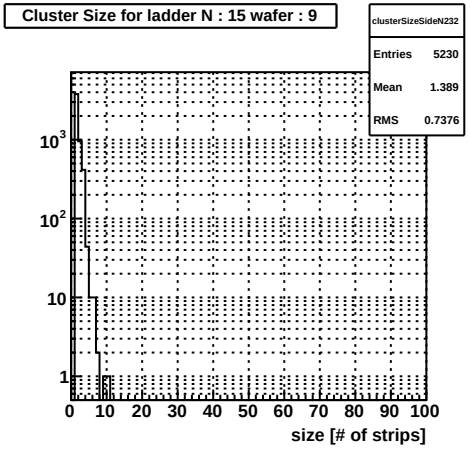

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4463
Mean 1.283
RMS 0.6547
size [# of strips]

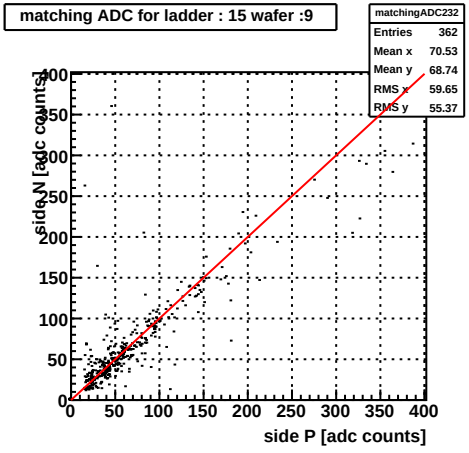

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1583
Mean x 64
Mean y 61.39
RMS x 57.35
RMS y 58.34
side N [adc counts]
side P [adc counts]

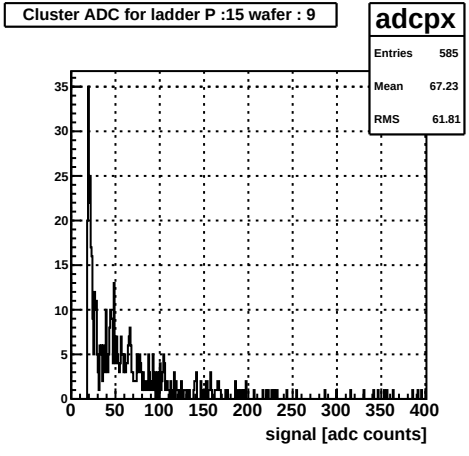

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22325
Mean 27.24
RMS 24.64
signal [adc counts]

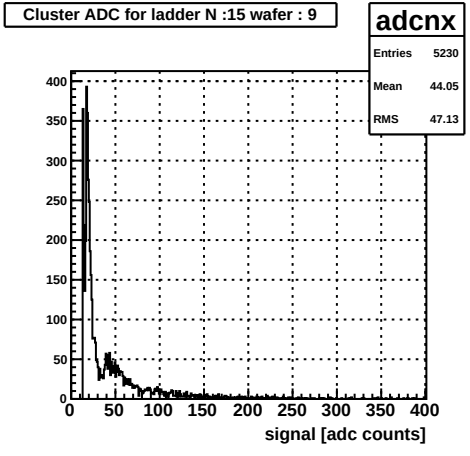

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4463
Mean 46.61
RMS 51.42
signal [adc counts]

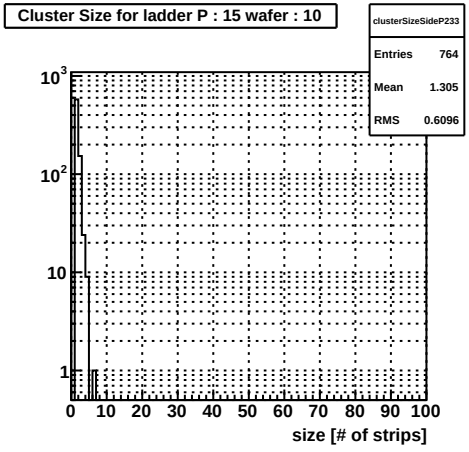

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 585
Mean 1.309
RMS 0.6311
size [# of strips]

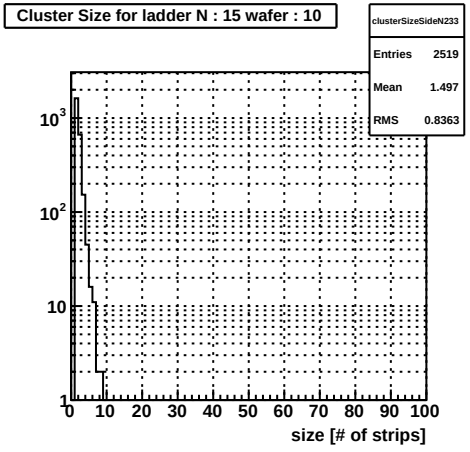

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5230
Mean 1.389
RMS 0.7376
size [# of strips]

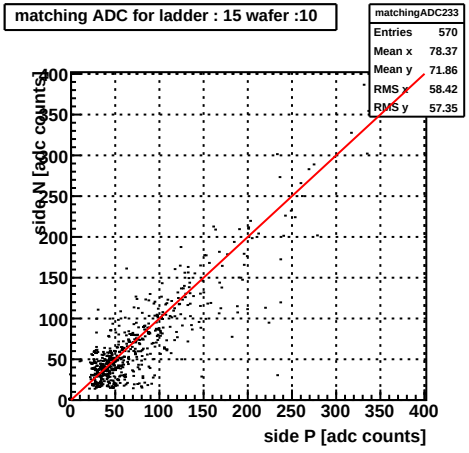

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 362
Mean x 70.53
Mean y 68.74
RMS x 59.65
RMS y 55.37
side N [adc counts]
side P [adc counts]

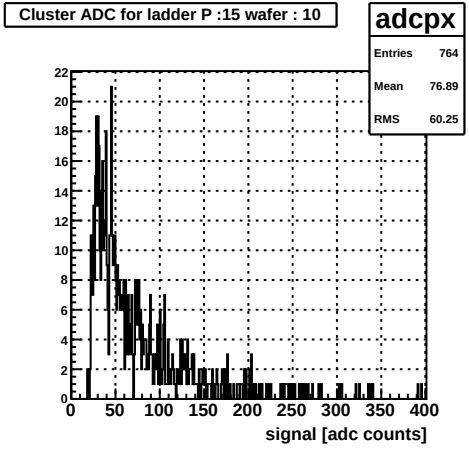

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 585
Mean 67.23
RMS 61.81
signal [adc counts]

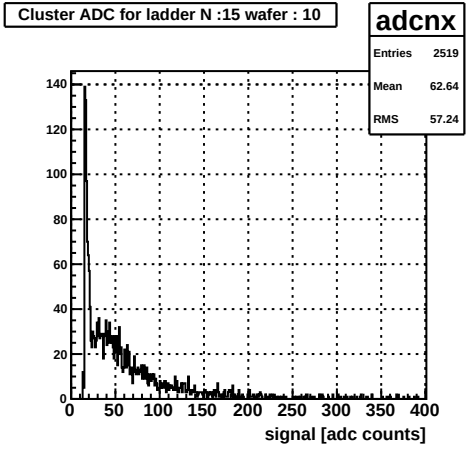

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5230
Mean 44.05
RMS 47.13
signal [adc counts]

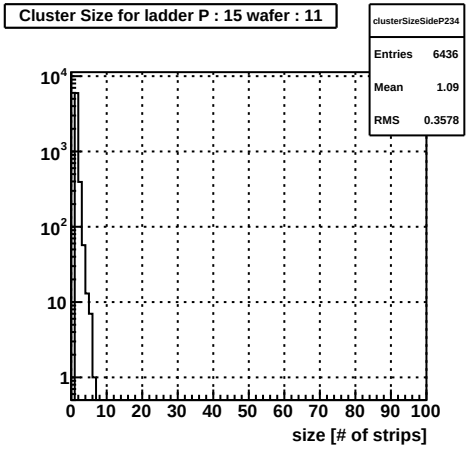

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 764
Mean 1.305
RMS 0.6096
size [# of strips]

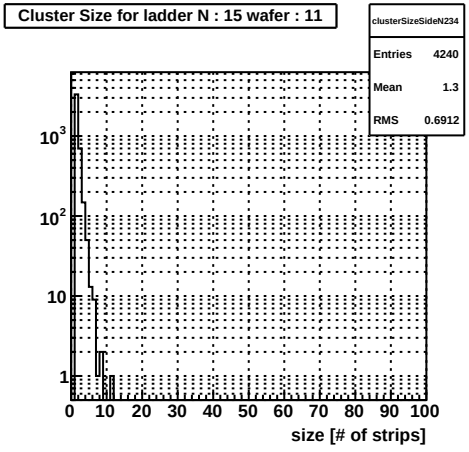

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2519
Mean 1.497
RMS 0.8363
size [# of strips]

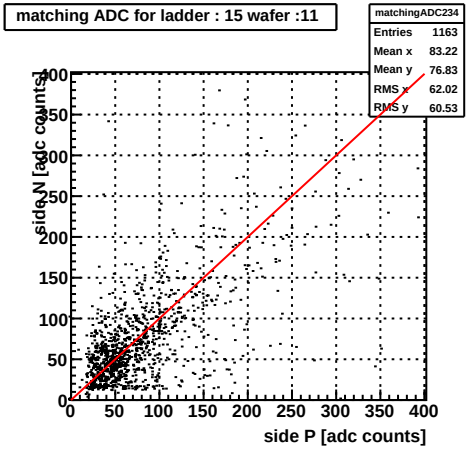

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 570
Mean x 78.37
Mean y 71.86
RMS x 58.42
RMS y 57.35
side N [adc counts]
side P [adc counts]

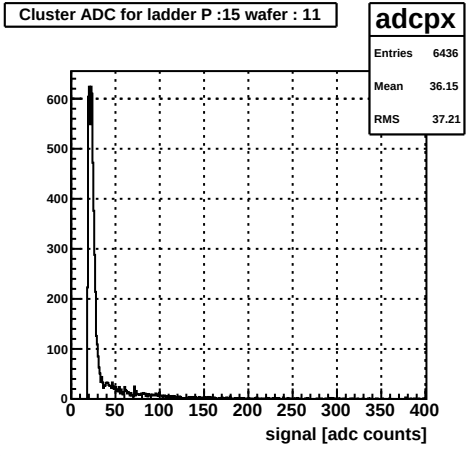

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 764
Mean 76.89
RMS 60.25
signal [adc counts]

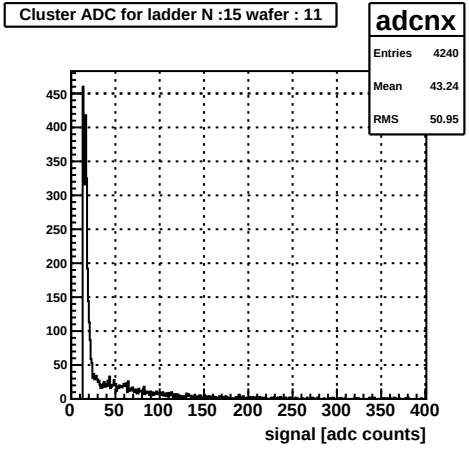

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2519
Mean 62.64
RMS 57.24
signal [adc counts]

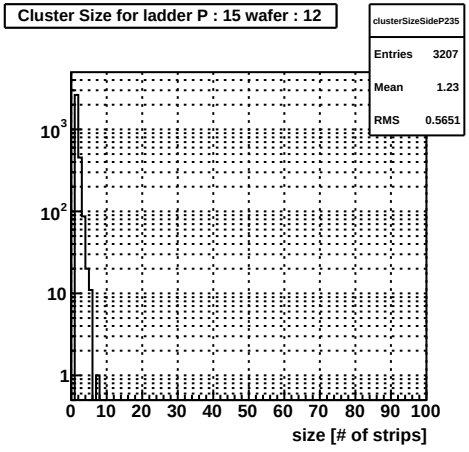

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6436
Mean 1.09
RMS 0.3578
size [# of strips]

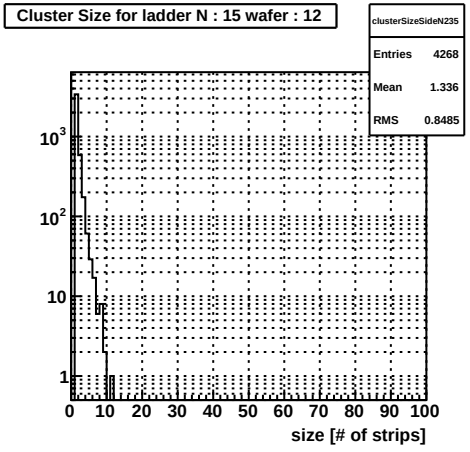

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4240
Mean 1.3
RMS 0.6912
size [# of strips]

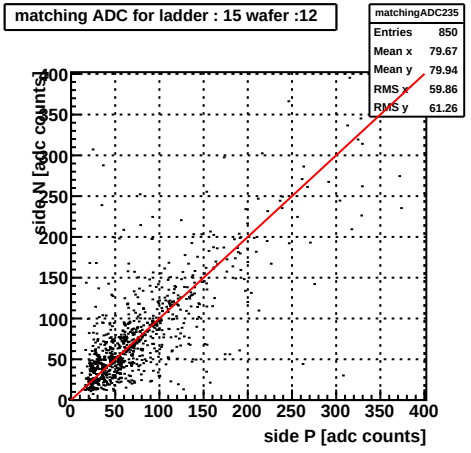

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1163
Mean x 83.22
Mean y 76.83
RMS x 62.02
RMS y 60.53
side N [adc counts]
side P [adc counts]

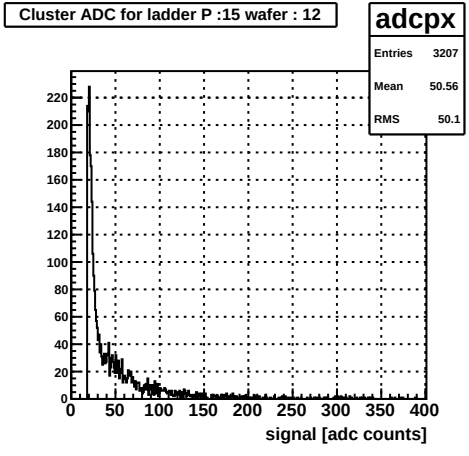

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6436
Mean 36.15
RMS 37.21
signal [adc counts]

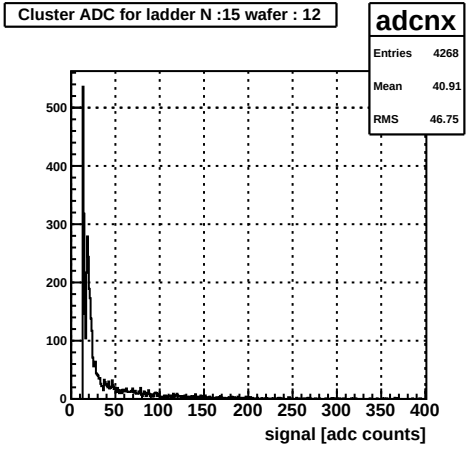

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4240
Mean 43.24
RMS 50.95
signal [adc counts]

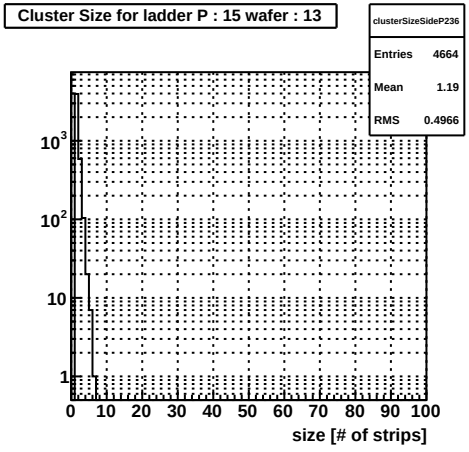

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3207
Mean 1.23
RMS 0.5651
size [# of strips]

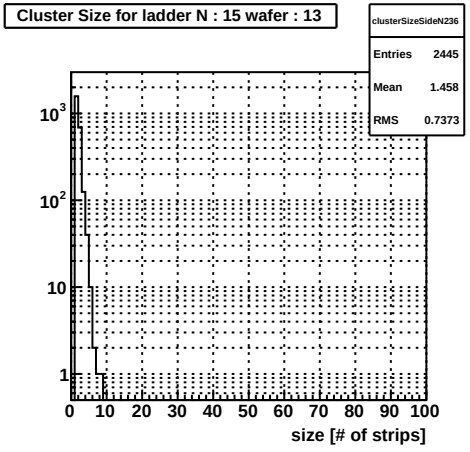

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4268
Mean 1.336
RMS 0.8485
size [# of strips]

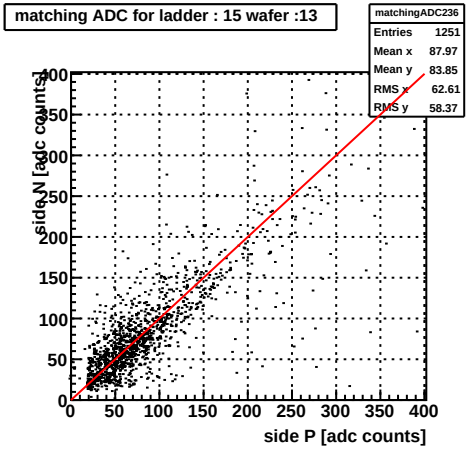

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 850
Mean x 79.67
Mean y 79.94
RMS x 59.86
RMS y 61.26
side N [adc counts]
side P [adc counts]

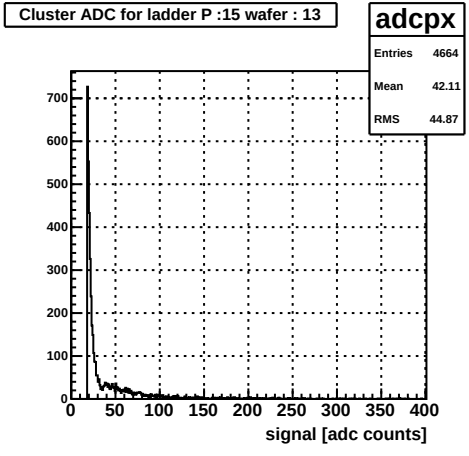

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3207
Mean 50.56
RMS 50.1
signal [adc counts]

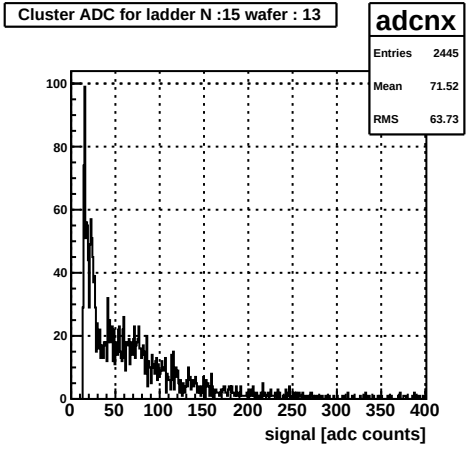

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4268
Mean 40.91
RMS 46.75
signal [adc counts]

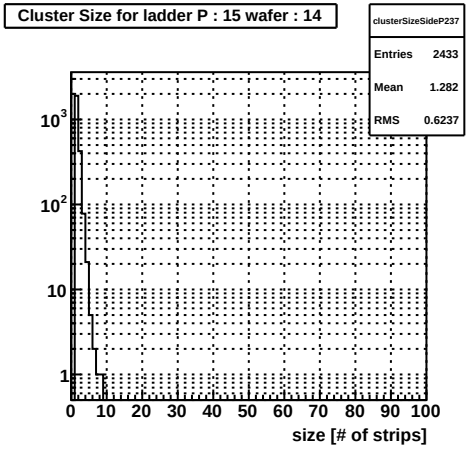

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4664
Mean 1.19
RMS 0.4966
size [# of strips]

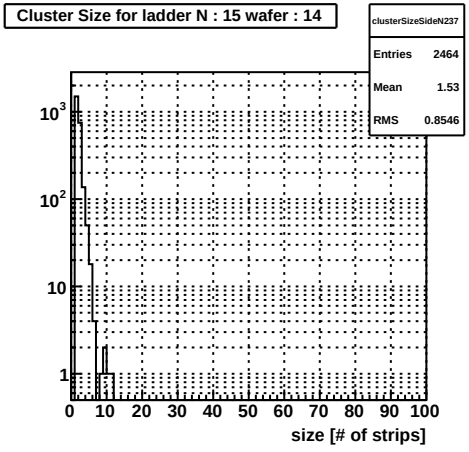

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2445
Mean 1.458
RMS 0.7373
size [# of strips]

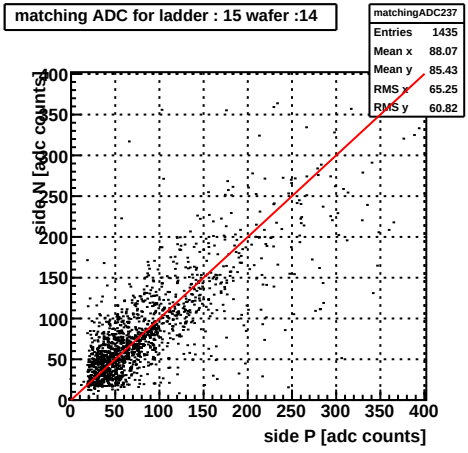

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1251
Mean x 87.97
Mean y 83.85
RMS x 62.61
RMS y 58.37
side N [adc counts]
side P [adc counts]

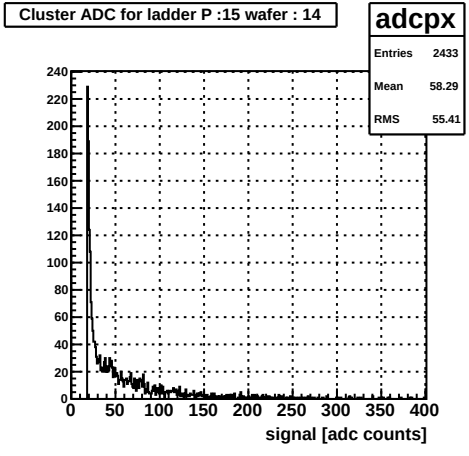

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4664
Mean 42.11
RMS 44.87
signal [adc counts]

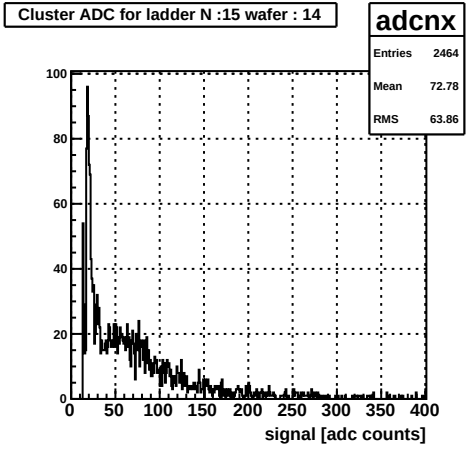

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2445
Mean 71.52
RMS 63.73
signal [adc counts]

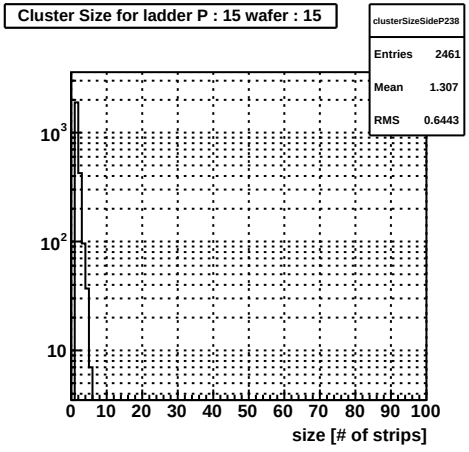

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2433
Mean 1.282
RMS 0.6237
size [# of strips]

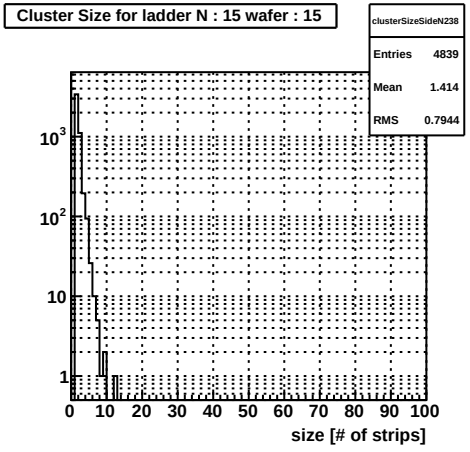

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2464
Mean 1.53
RMS 0.8546
size [# of strips]

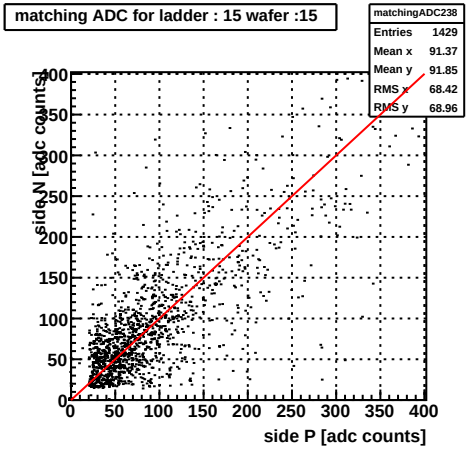

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1435
Mean x 88.07
Mean y 85.43
RMS x 65.25
RMS y 60.82
side N [adc counts]
side P [adc counts]

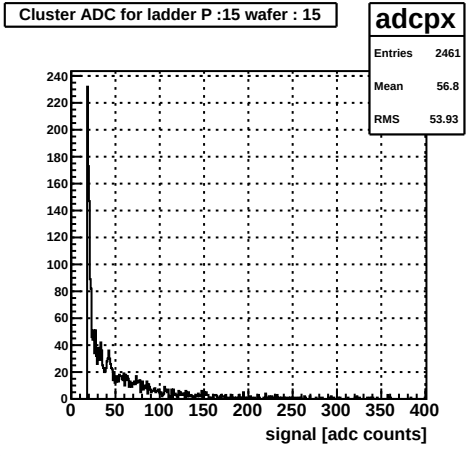

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2433
Mean 58.29
RMS 55.41
signal [adc counts]

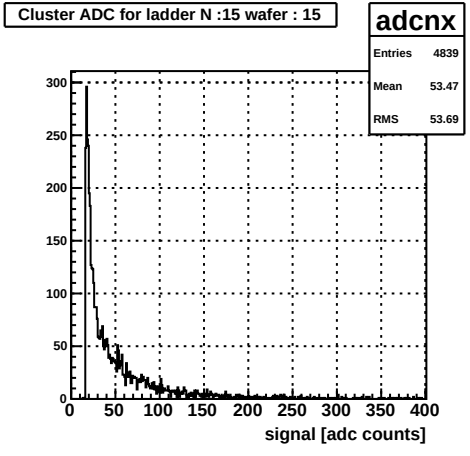

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2464
Mean 72.78
RMS 63.86
signal [adc counts]

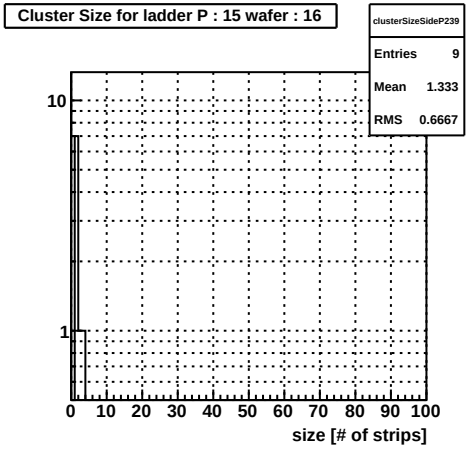

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2461
Mean 1.307
RMS 0.6443
size [# of strips]

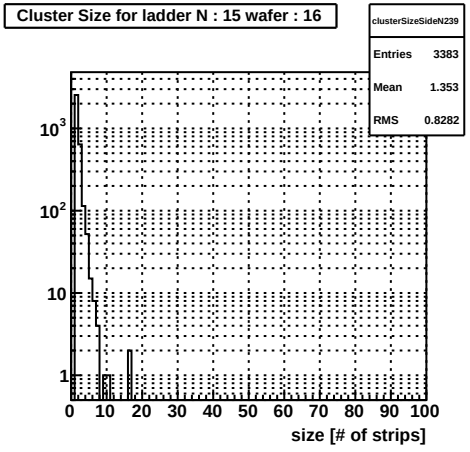

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4839
Mean 1.414
RMS 0.7944
size [# of strips]

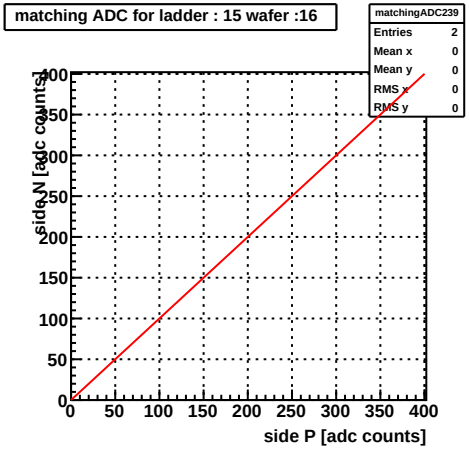

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1429
Mean x 91.37
Mean y 91.85
RMS x 68.42
RMS y 68.96
side N [adc counts]
side P [adc counts]

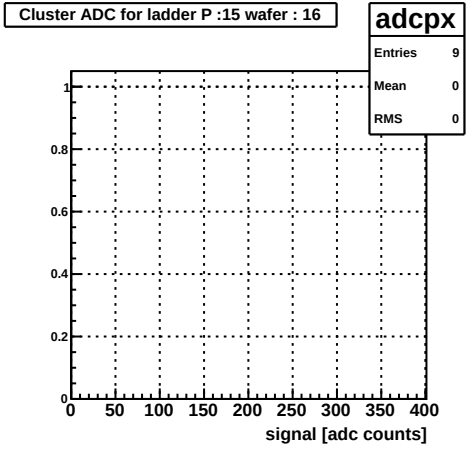

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2461
Mean 56.8
RMS 53.93
signal [adc counts]

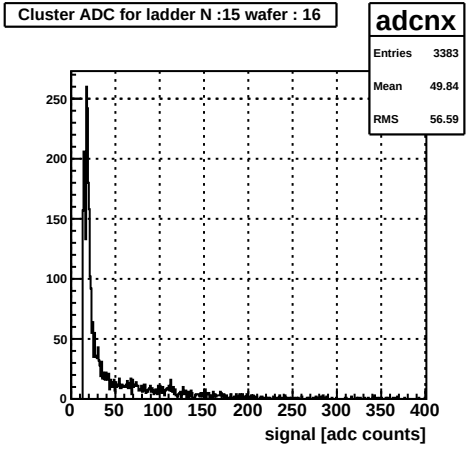

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4839
Mean 53.47
RMS 53.69
signal [adc counts]

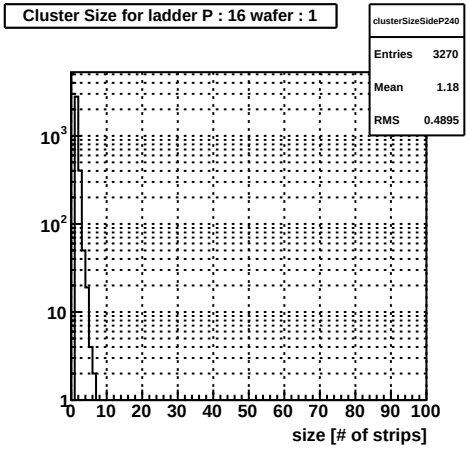

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 9
Mean 1.333
RMS 0.6667
size [# of strips]

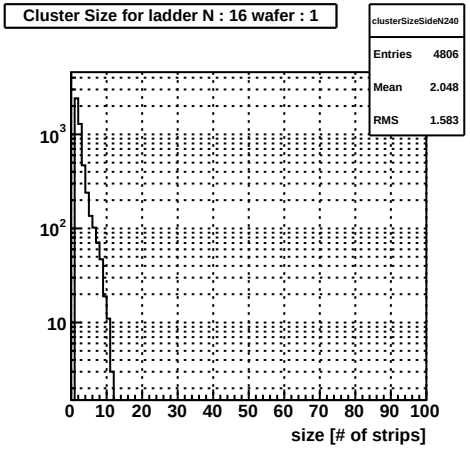

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3383
Mean 1.353
RMS 0.8282
size [# of strips]

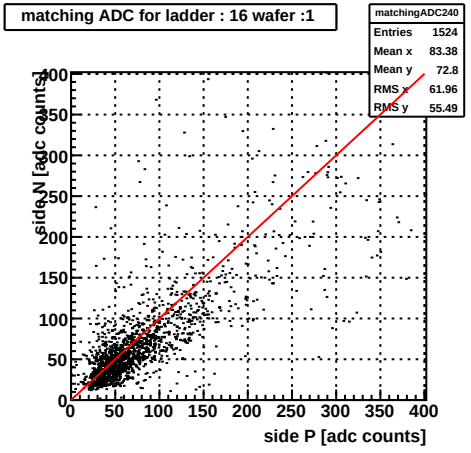

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

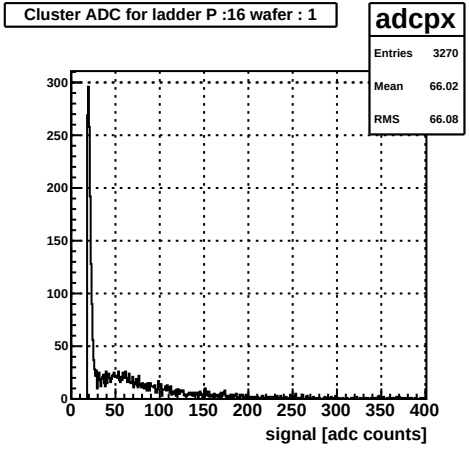

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

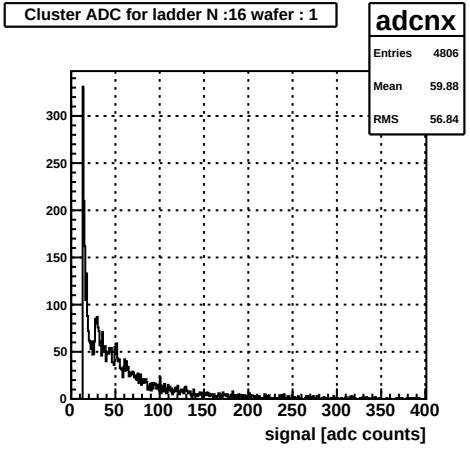

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3383
Mean 49.84
RMS 56.59
signal [adc counts]

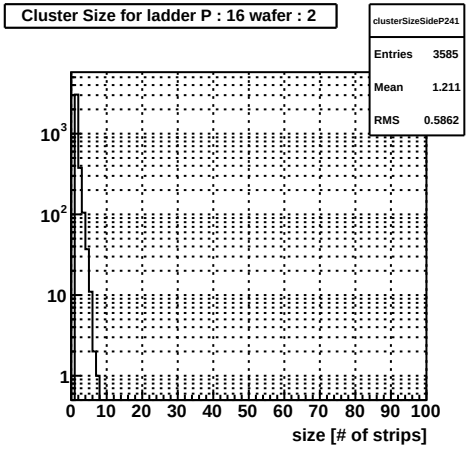

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 3270
Mean 1.18
RMS 0.4895
size [# of strips]

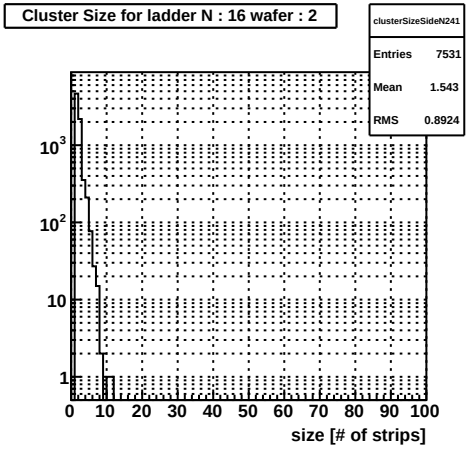

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4806
Mean 2.048
RMS 1.583
size [# of strips]

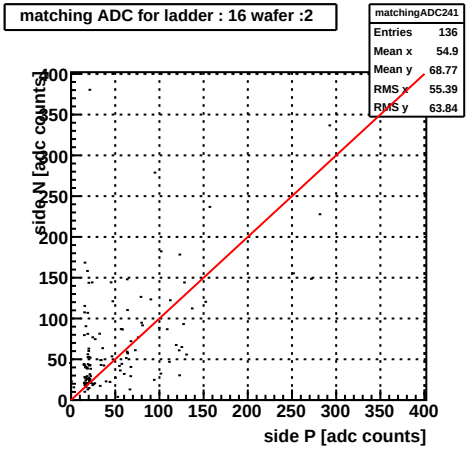

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1524
Mean x 83.38
Mean y 72.8
RMS x 61.96
RMS y 55.49
side N [adc counts]
side P [adc counts]

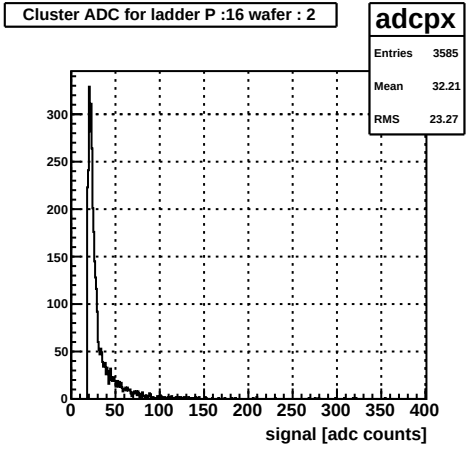

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 3270
Mean 66.02
RMS 66.08
signal [adc counts]

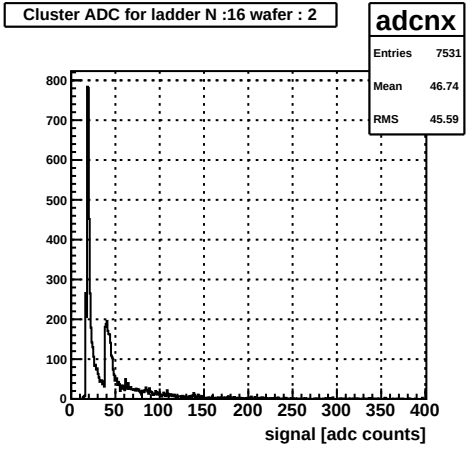

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4806
Mean 59.88
RMS 56.84
signal [adc counts]

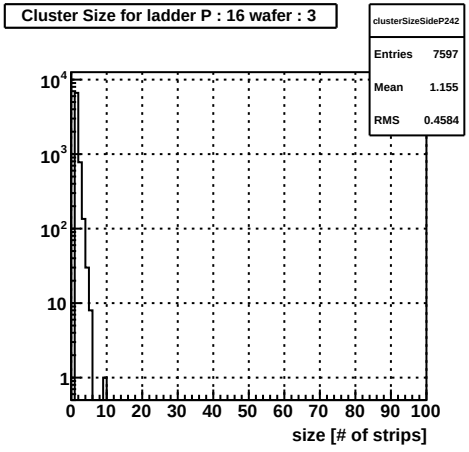

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3585
Mean 1.211
RMS 0.5862
size [# of strips]

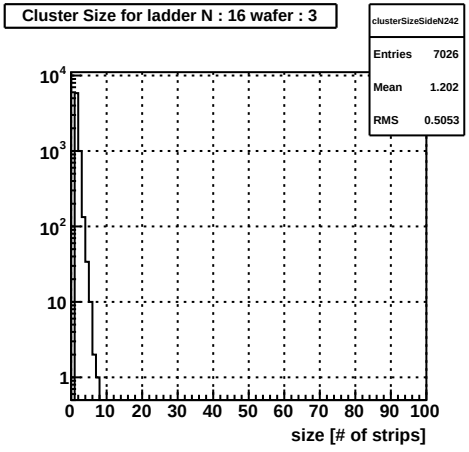

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 7531
Mean 1.543
RMS 0.8924
size [# of strips]

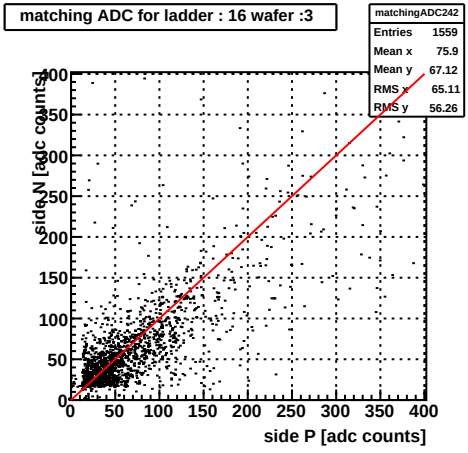

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 136
Mean x 54.9
Mean y 68.77
RMS x 55.39
RMS y 63.84
side N [adc counts]
side P [adc counts]

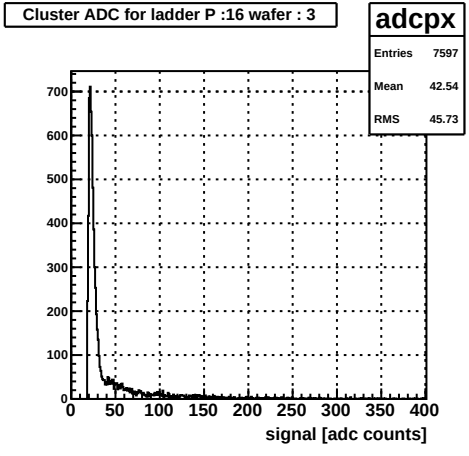

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3585
Mean 32.21
RMS 23.27
signal [adc counts]

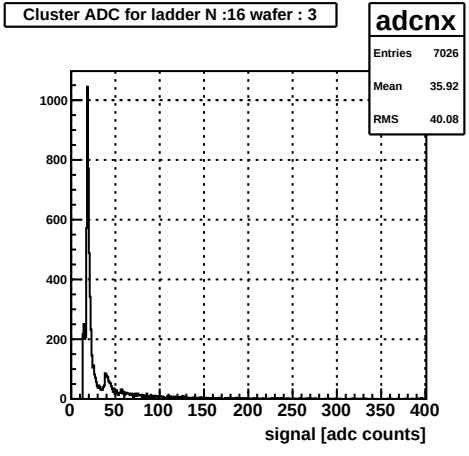

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 7531
Mean 46.74
RMS 45.59
signal [adc counts]

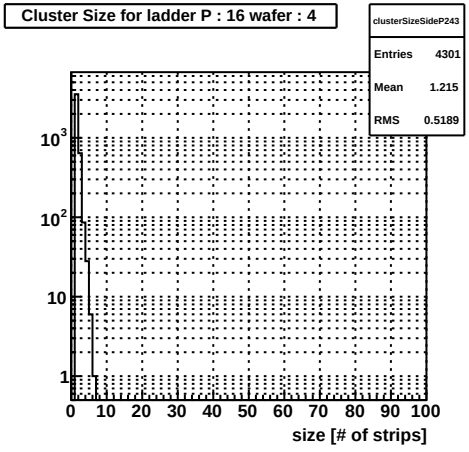

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7597
Mean 1.155
RMS 0.4584
size [# of strips]

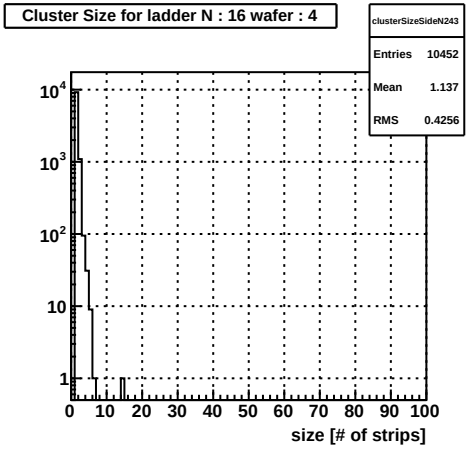

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 7026
Mean 1.202
RMS 0.5053
size [# of strips]

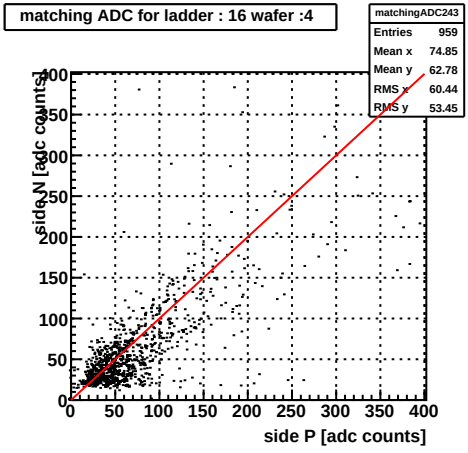

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1559
Mean x 75.9
Mean y 67.12
RMS x 65.11
RMS y 56.26
side N [adc counts]
side P [adc counts]

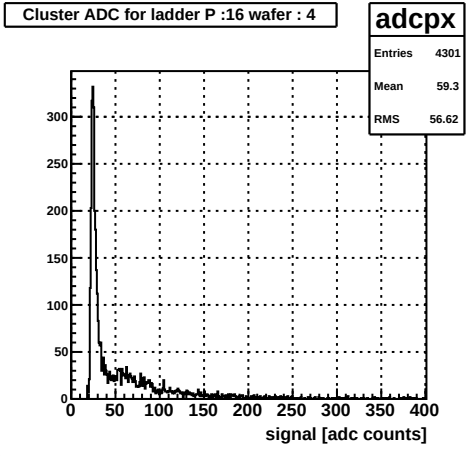

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7597
Mean 42.54
RMS 45.73
signal [adc counts]

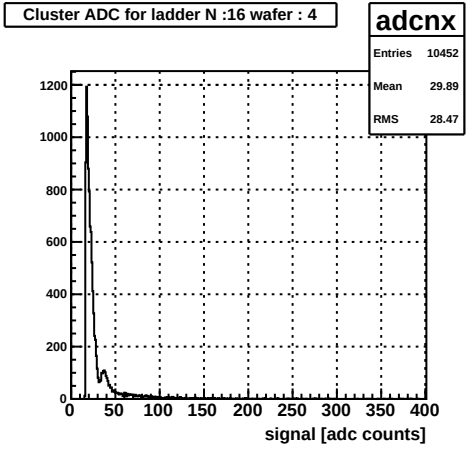

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 7026
Mean 35.92
RMS 40.08
signal [adc counts]

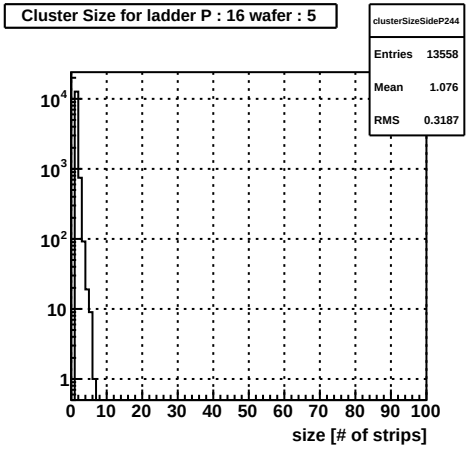

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4301
Mean 1.215
RMS 0.5189
size [# of strips]

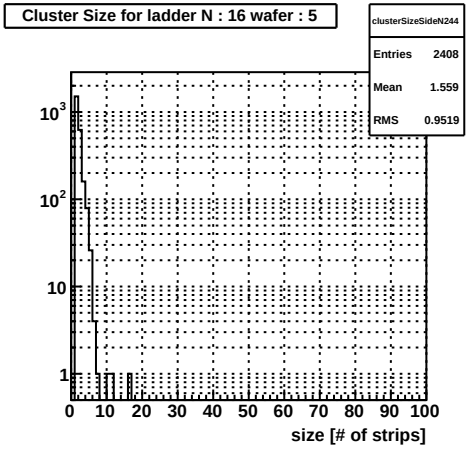

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 10452
Mean 1.137
RMS 0.4256
size [# of strips]

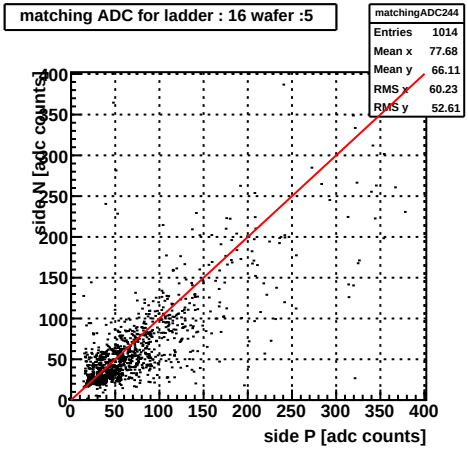

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 959
Mean x 74.85
Mean y 62.78
RMS x 60.44
RMS y 53.45
side N [adc counts]
side P [adc counts]

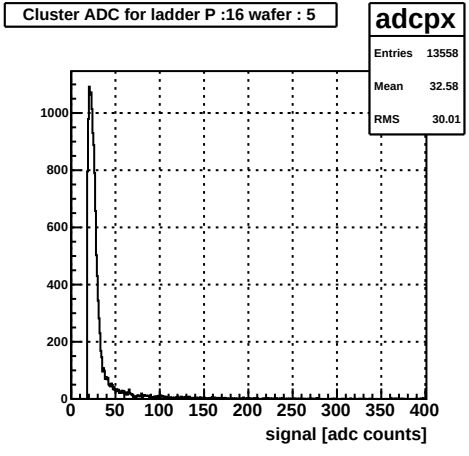

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4301
Mean 59.3
RMS 56.62
signal [adc counts]

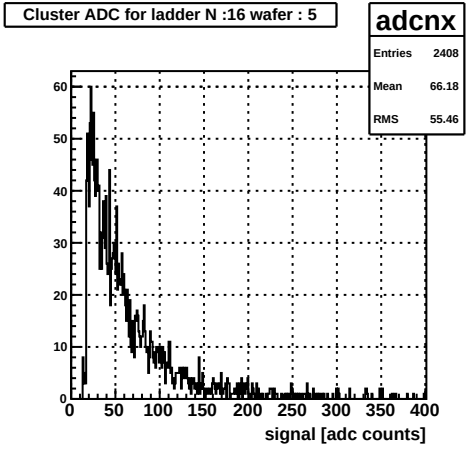

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 10452
Mean 29.89
RMS 28.47
signal [adc counts]

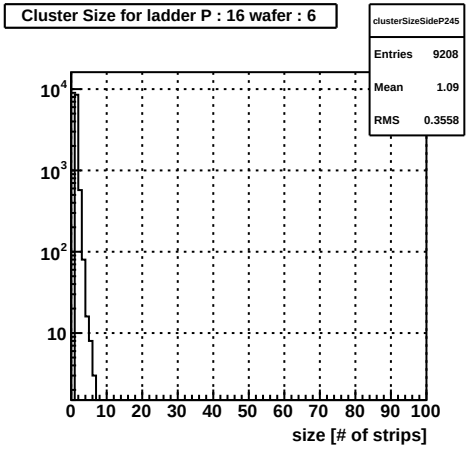

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13558
Mean 1.076
RMS 0.3187
size [# of strips]

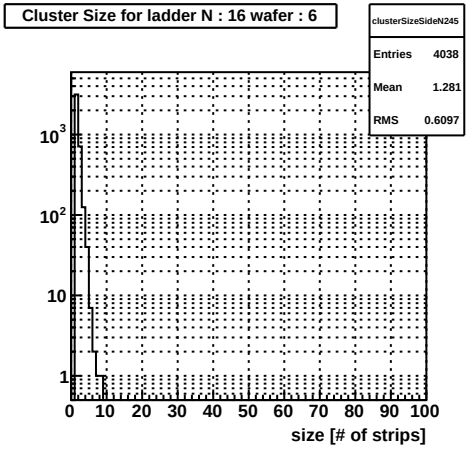

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2408
Mean 1.559
RMS 0.9519
size [# of strips]

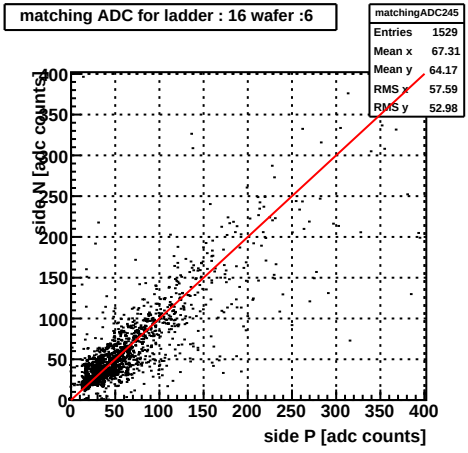

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1014
Mean x 77.68
Mean y 66.11
RMS x 60.23
RMS y 52.61
side N [adc counts]
side P [adc counts]

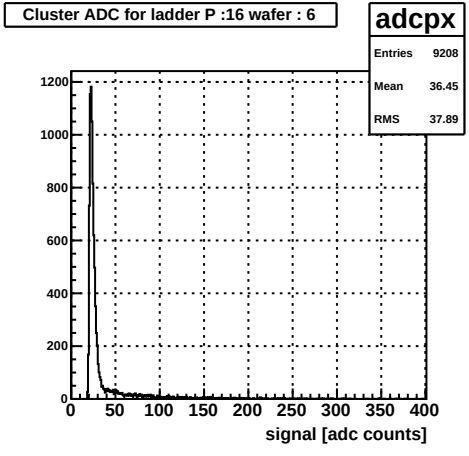

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13558
Mean 32.58
RMS 30.01
signal [adc counts]

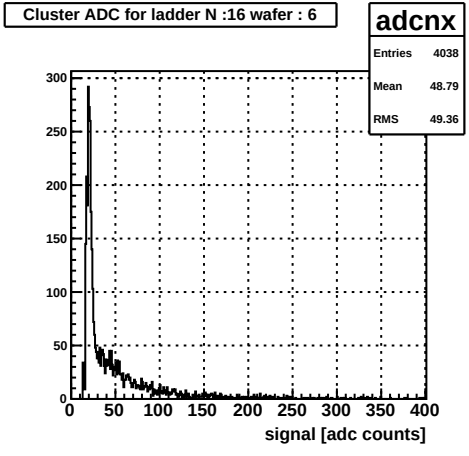

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2408
Mean 66.18
RMS 55.46
signal [adc counts]

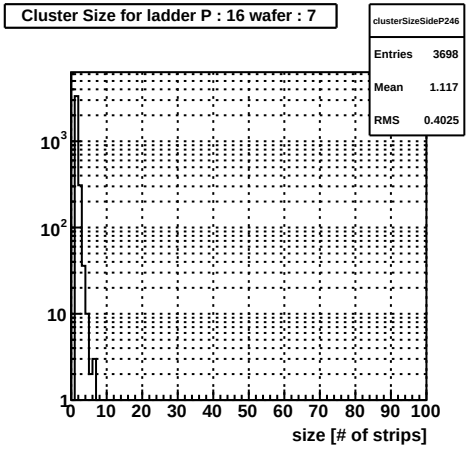

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9208
Mean 1.09
RMS 0.3558
size [# of strips]

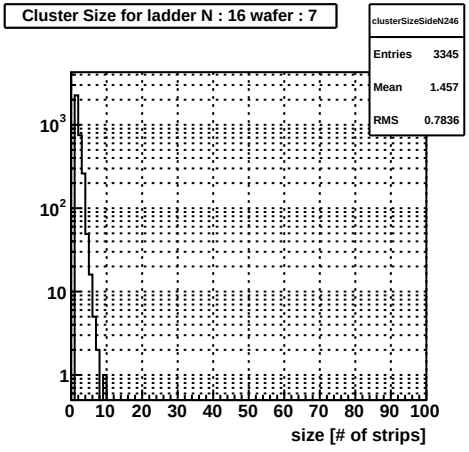

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 4038
Mean 1.281
RMS 0.6097
size [# of strips]

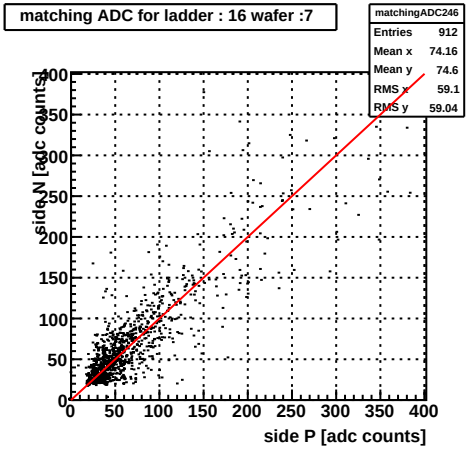

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1529
Mean x 67.31
Mean y 64.17
RMS x 57.59
RMS y 52.98
side N [adc counts]
side P [adc counts]

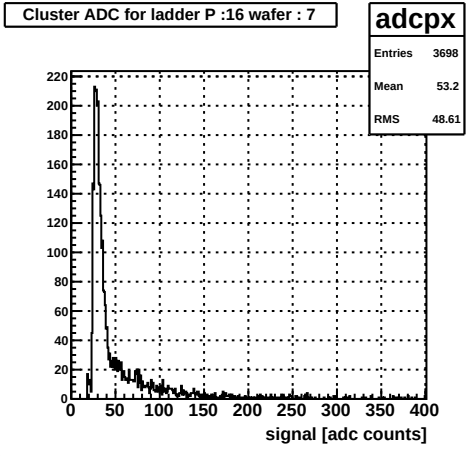

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9208
Mean 36.45
RMS 37.89
signal [adc counts]

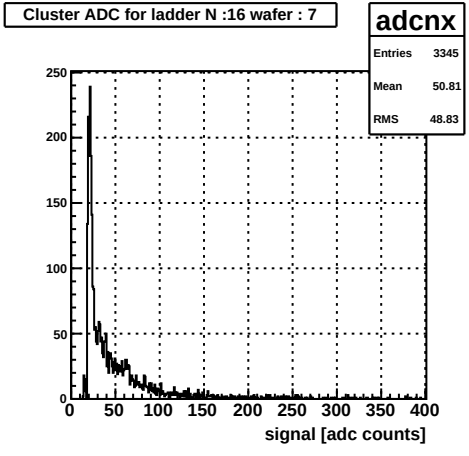

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 4038
Mean 48.79
RMS 49.36
signal [adc counts]

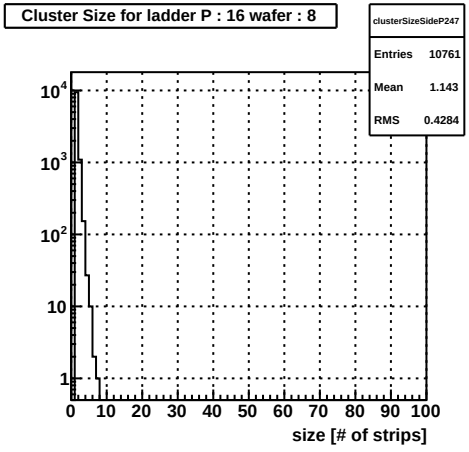

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 3698
Mean 1.117
RMS 0.4025
size [# of strips]

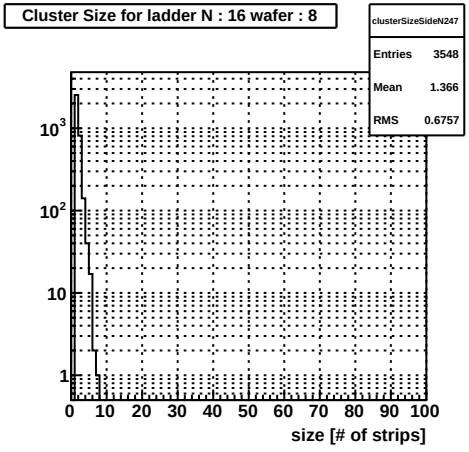

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3345
Mean 1.457
RMS 0.7836
size [# of strips]

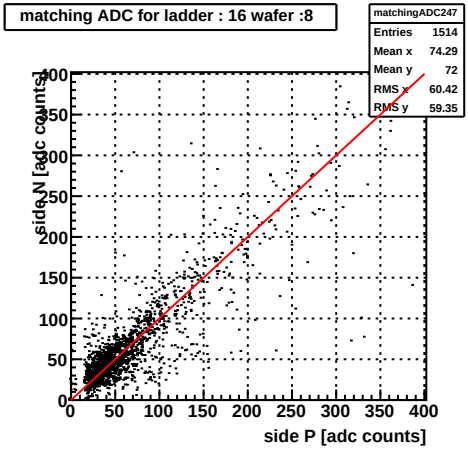

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 912
Mean x 74.16
Mean y 74.6
RMS x 59.1
RMS y 59.04
side N [adc counts]
side P [adc counts]

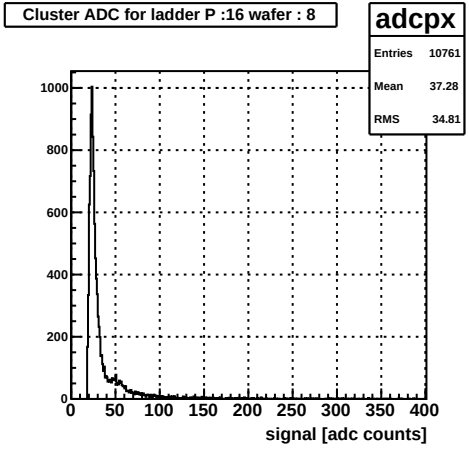

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 3698
Mean 53.2
RMS 48.61
signal [adc counts]

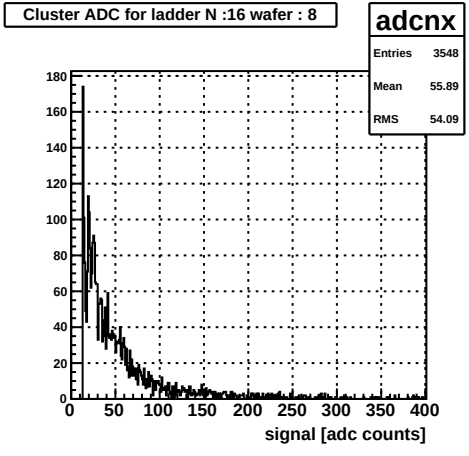

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3345
Mean 50.81
RMS 48.83
signal [adc counts]

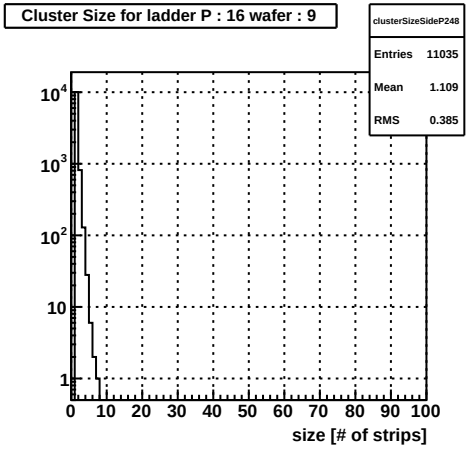

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10761
Mean 1.143
RMS 0.4284
size [# of strips]

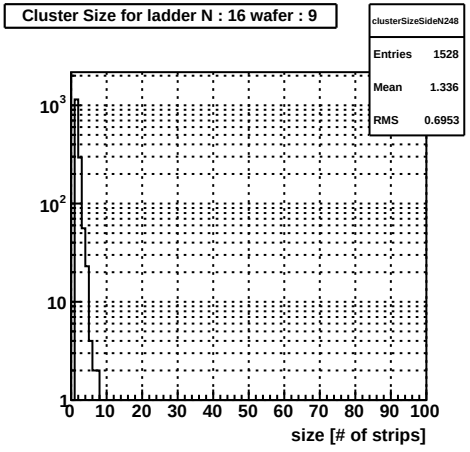

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3548
Mean 1.366
RMS 0.6757
size [# of strips]

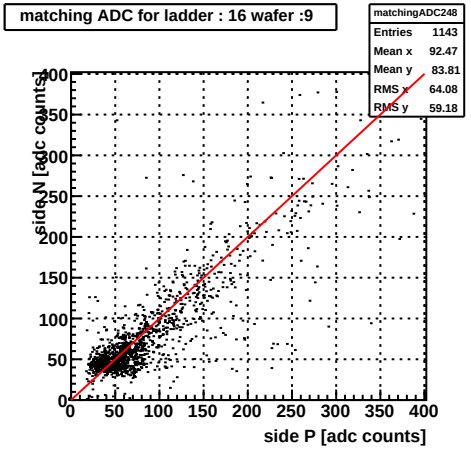

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1514
Mean x 74.29
Mean y 72
RMS x 60.42
RMS y 59.35
side N [adc counts]
side P [adc counts]

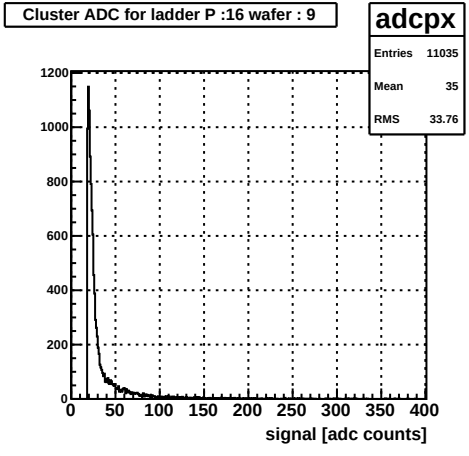

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10761
Mean 37.28
RMS 34.81
signal [adc counts]

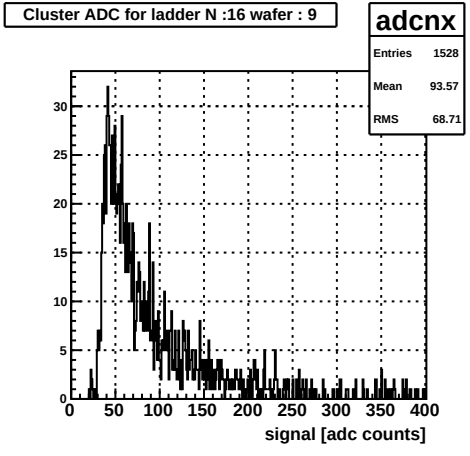

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3548
Mean 55.89
RMS 54.09
signal [adc counts]

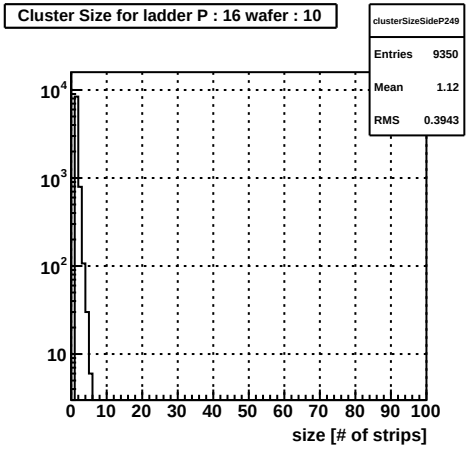

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11035
Mean 1.109
RMS 0.385
size [# of strips]

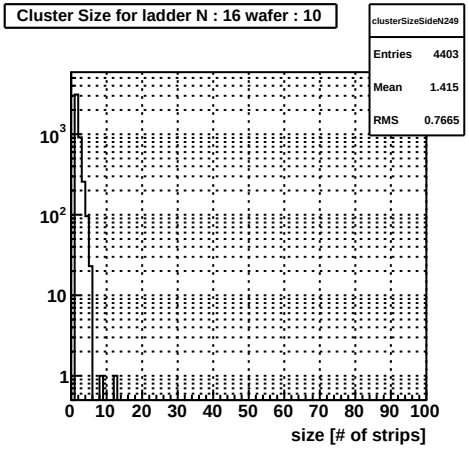

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1528
Mean 1.336
RMS 0.6953
size [# of strips]

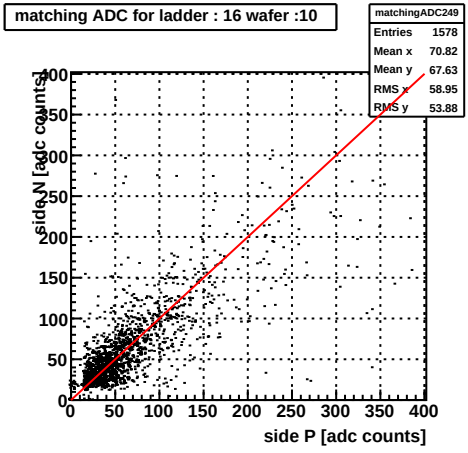

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1143
Mean x 92.47
Mean y 83.81
RMS x 64.08
RMS y 59.18
side N [adc counts]
side P [adc counts]

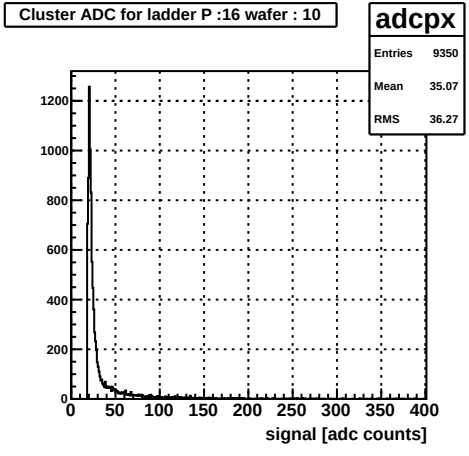

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11035
Mean 35
RMS 33.76
signal [adc counts]

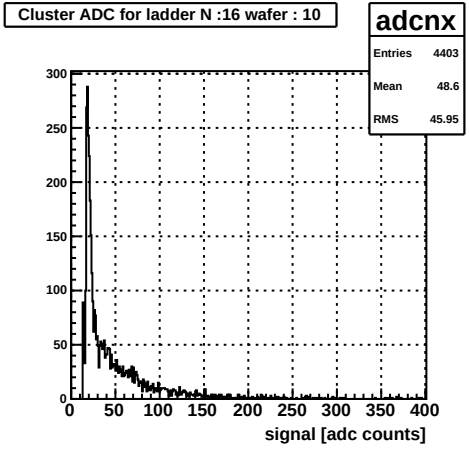

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1528
Mean 93.57
RMS 68.71
signal [adc counts]

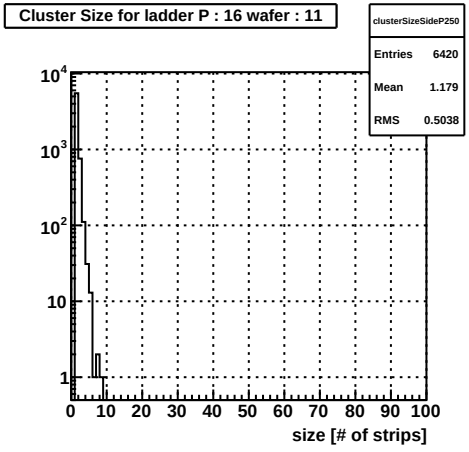

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9350
Mean 1.12
RMS 0.3943
size [# of strips]

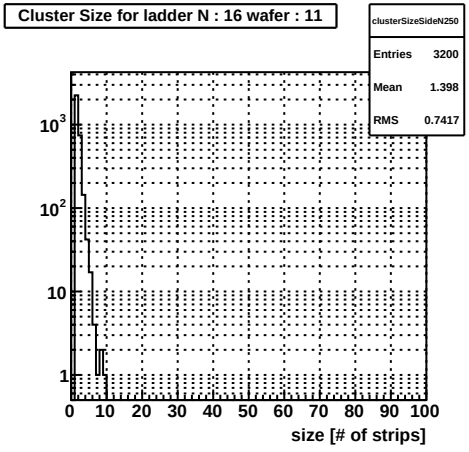

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4403
Mean 1.415
RMS 0.7665
size [# of strips]

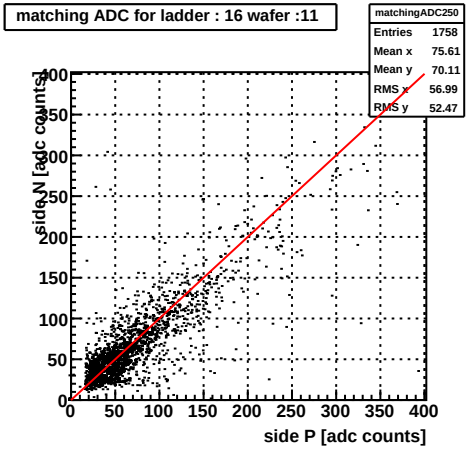

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1578
Mean x 70.82
Mean y 67.63
RMS x 58.95
RMS y 53.88
side N [adc counts]
side P [adc counts]

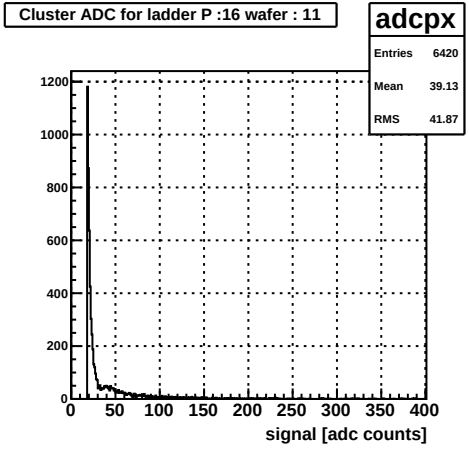

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9350
Mean 35.07
RMS 36.27
signal [adc counts]

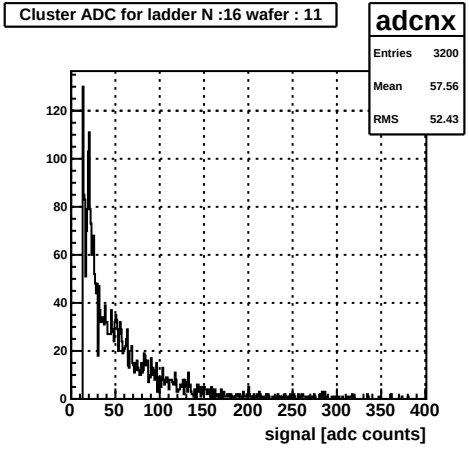

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4403
Mean 48.6
RMS 45.95
signal [adc counts]

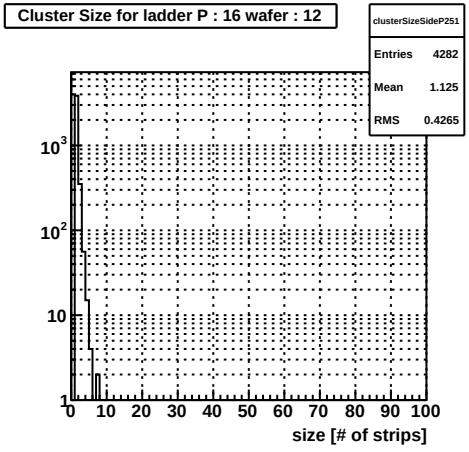

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 6420
Mean 1.179
RMS 0.5038
size [# of strips]

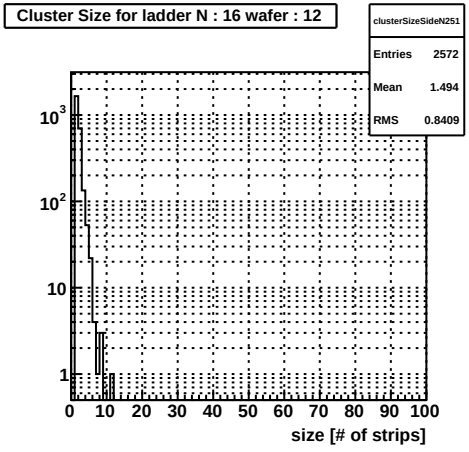

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3200
Mean 1.398
RMS 0.7417
size [# of strips]

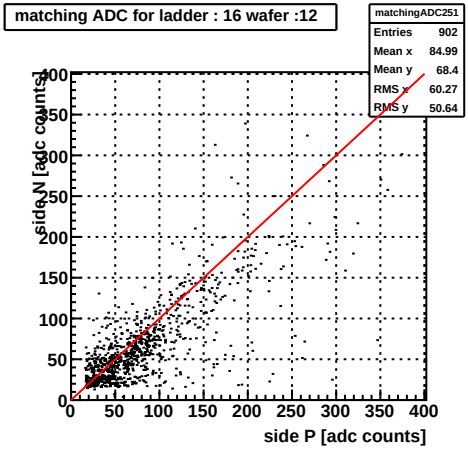

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1758
Mean x 75.61
Mean y 70.11
RMS x 56.99
RMS y 52.47
side N [adc counts]
side P [adc counts]

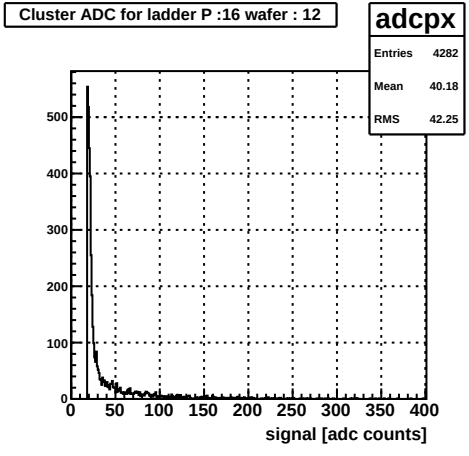

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 6420
Mean 39.13
RMS 41.87
signal [adc counts]

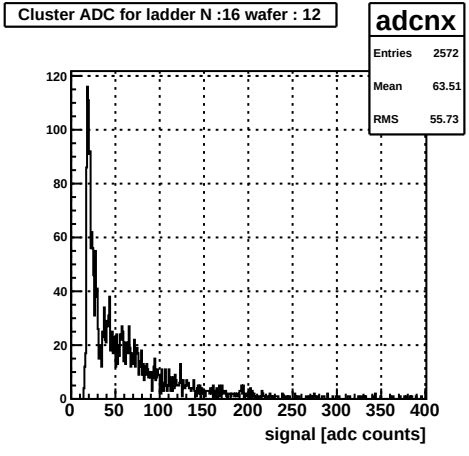

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3200
Mean 57.56
RMS 52.43
signal [adc counts]

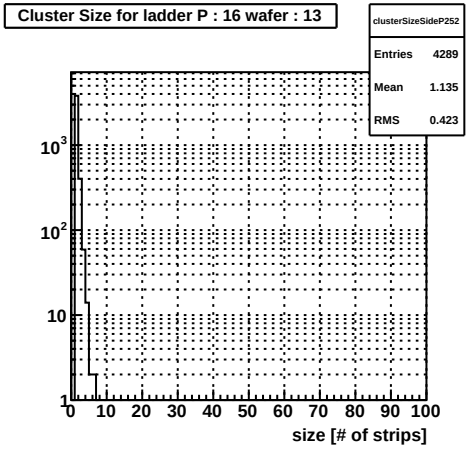

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4282
Mean 1.125
RMS 0.4265
size [# of strips]

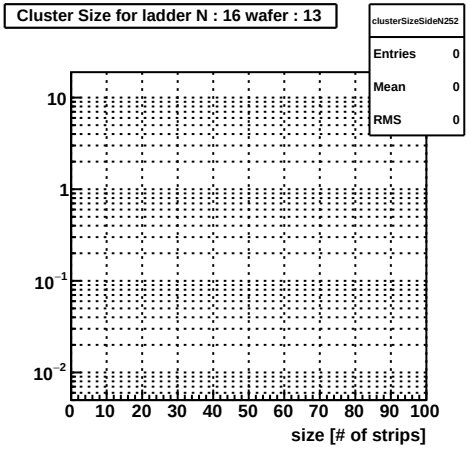

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2572
Mean 1.494
RMS 0.8409
size [# of strips]

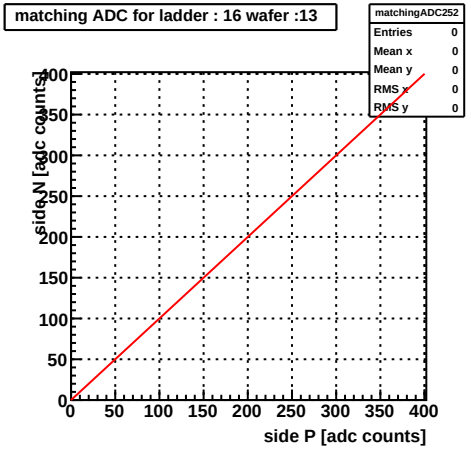

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 902
Mean x 84.99
Mean y 68.4
RMS x 60.27
RMS y 50.64
side N [adc counts]
side P [adc counts]

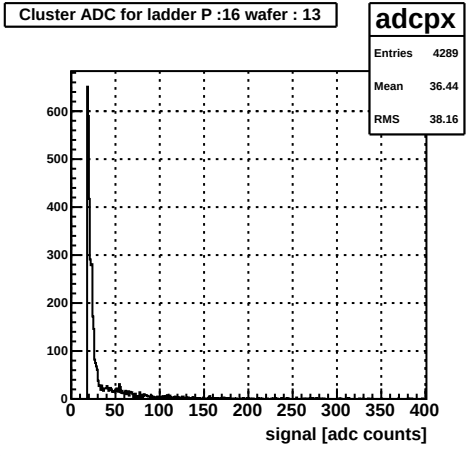

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4282
Mean 40.18
RMS 42.25
signal [adc counts]

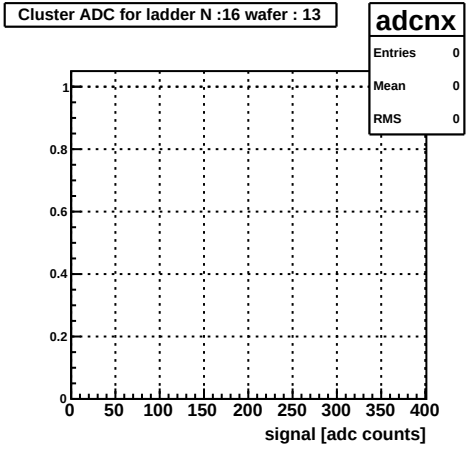

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2572
Mean 63.51
RMS 55.73
signal [adc counts]

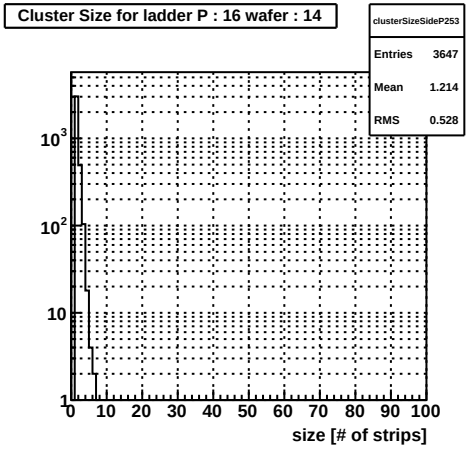

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 4289
Mean 1.135
RMS 0.423
size [# of strips]

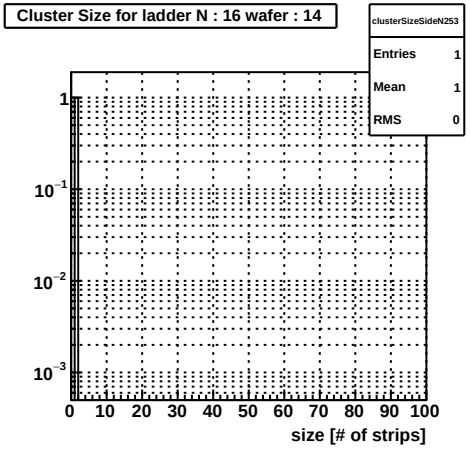

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

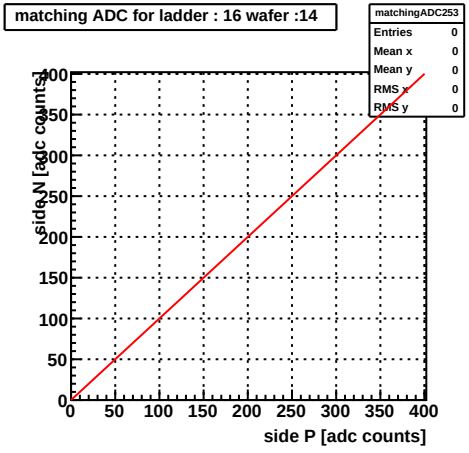

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

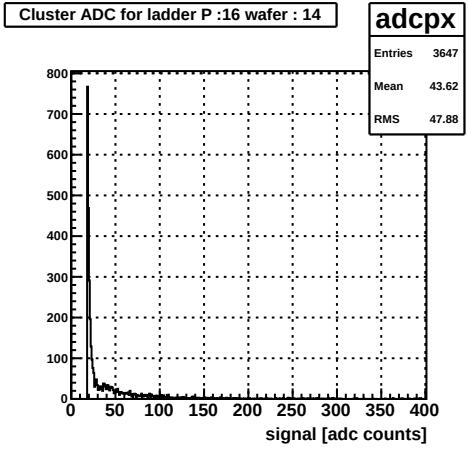

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 4289
Mean 36.44
RMS 38.16
signal [adc counts]

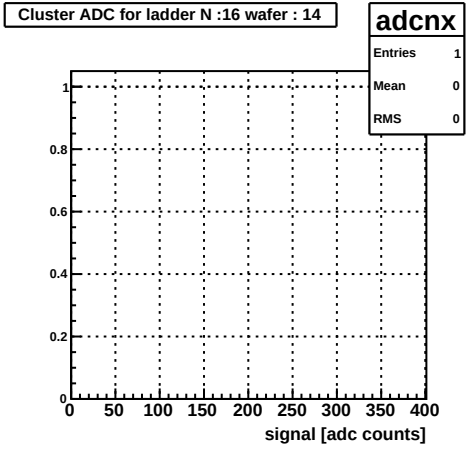

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

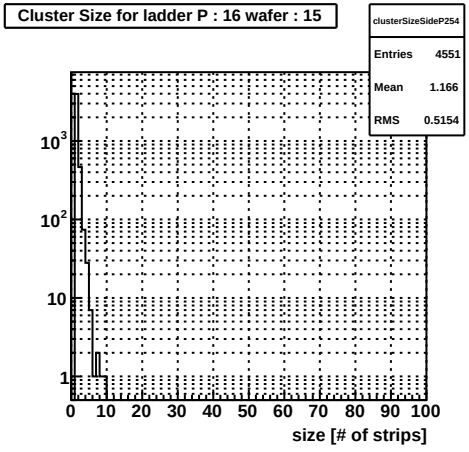

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 3647
Mean 1.214
RMS 0.528
size [# of strips]

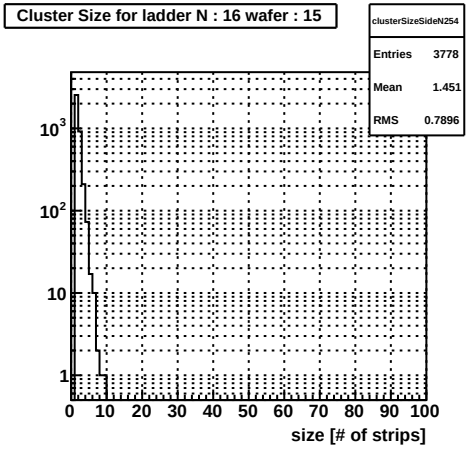

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

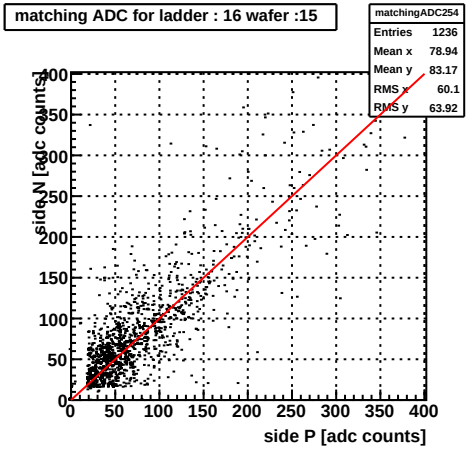

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

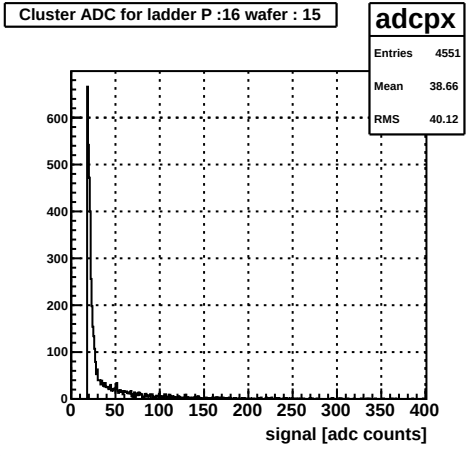

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 3647
Mean 43.62
RMS 47.88
signal [adc counts]

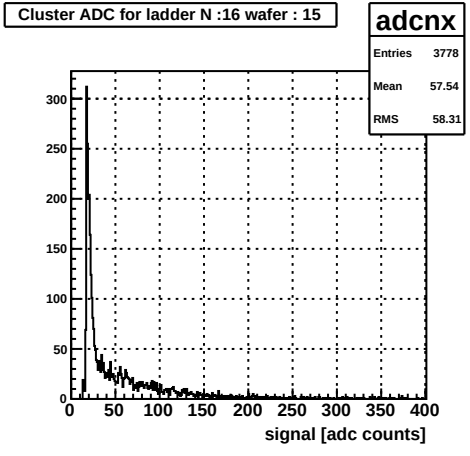

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

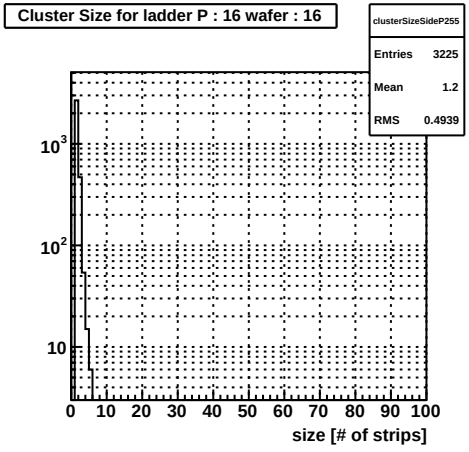

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4551
Mean 1.166
RMS 0.5154
size [# of strips]

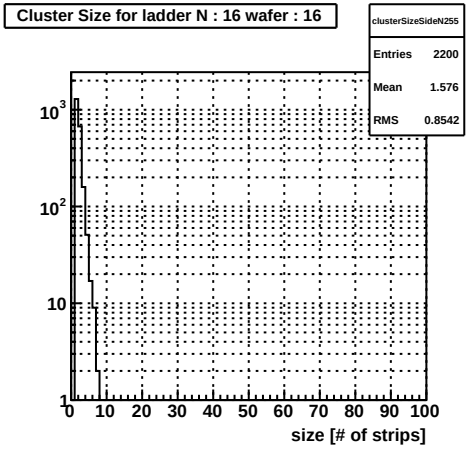

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3778
Mean 1.451
RMS 0.7896
size [# of strips]

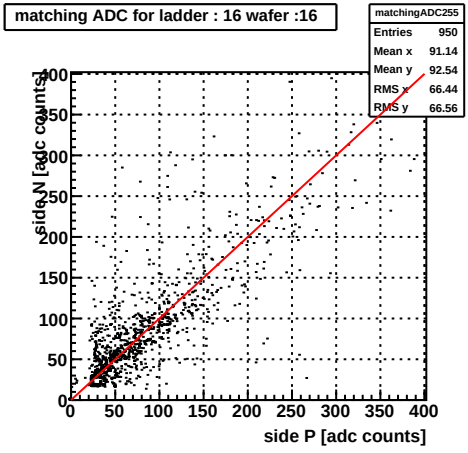

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1236
Mean x 78.94
Mean y 83.17
RMS x 60.1
RMS y 63.92
side N [adc counts]
side P [adc counts]

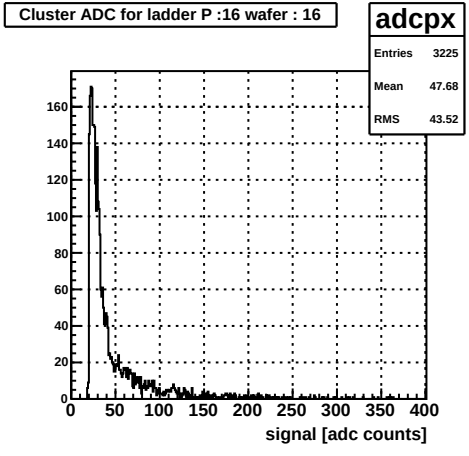

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4551
Mean 38.66
RMS 40.12
signal [adc counts]

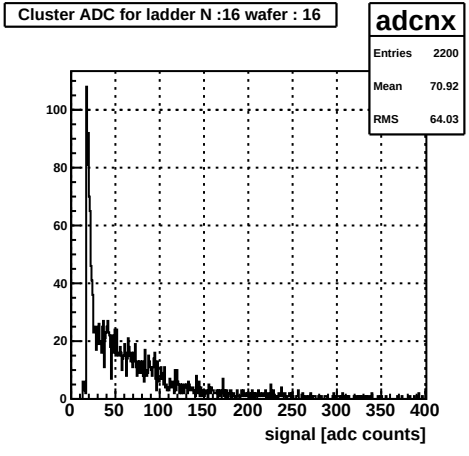

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3778
Mean 57.54
RMS 58.31
signal [adc counts]

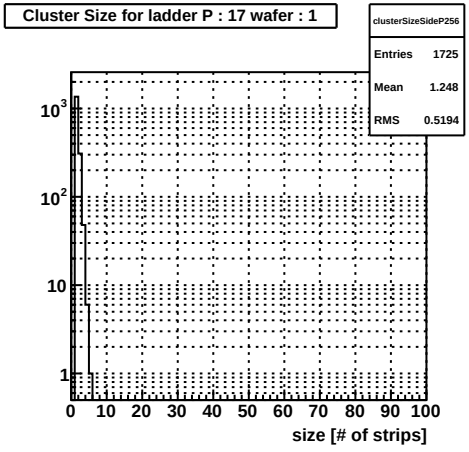

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3225
Mean 1.2
RMS 0.4939
size [# of strips]

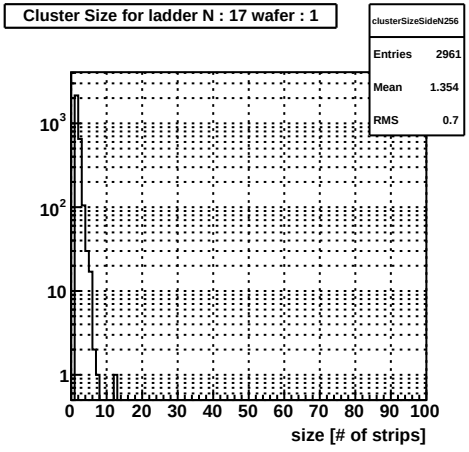

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2200
Mean 1.576
RMS 0.8542
size [# of strips]

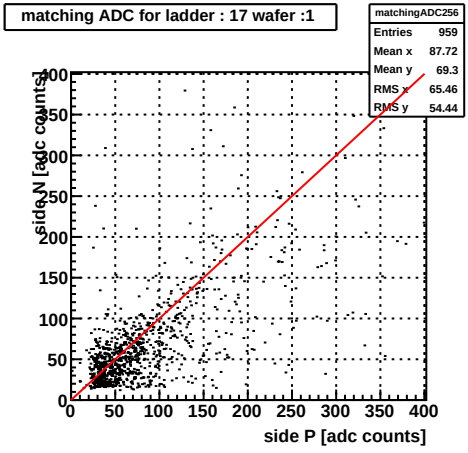

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 950
Mean x 91.14
Mean y 92.54
RMS x 66.44
RMS y 66.56
side N [adc counts]
side P [adc counts]

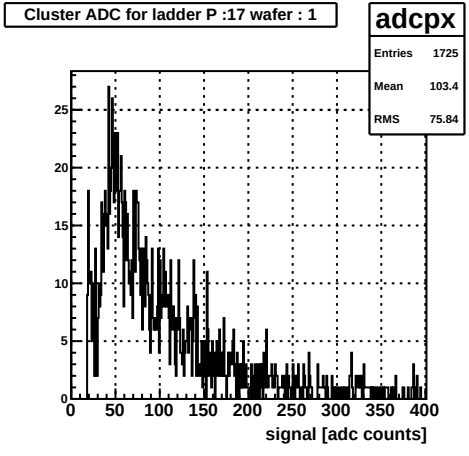

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3225
Mean 47.68
RMS 43.52
signal [adc counts]

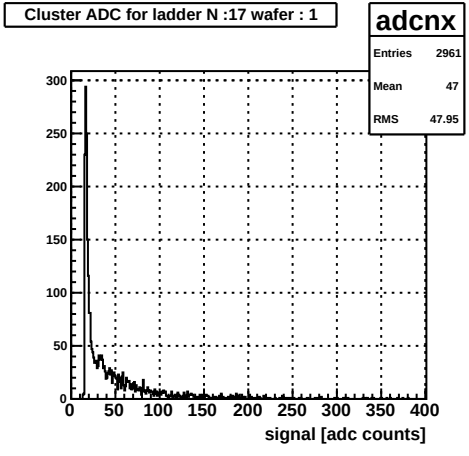

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2200
Mean 70.92
RMS 64.03
signal [adc counts]

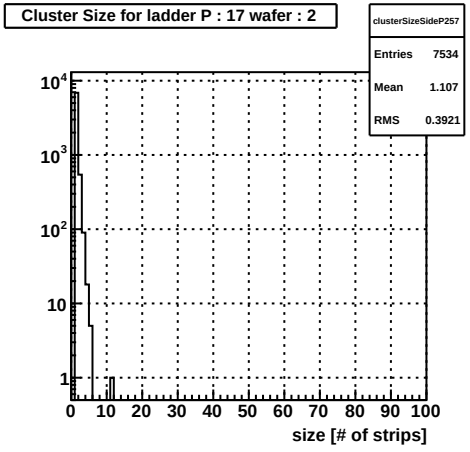

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1725
Mean 1.248
RMS 0.5194
size [# of strips]

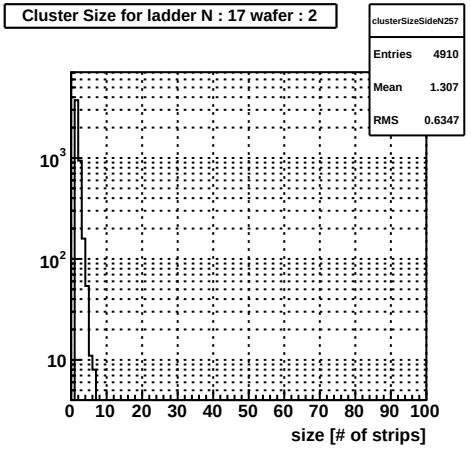

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2961
Mean 1.354
RMS 0.7
size [# of strips]

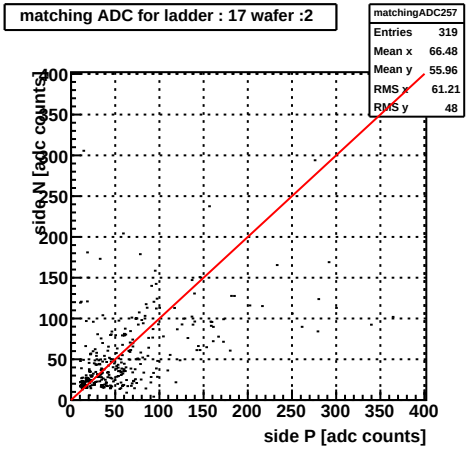

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 959
Mean x 87.72
Mean y 69.3
RMS x 65.46
RMS y 54.44
side N [adc counts]
side P [adc counts]

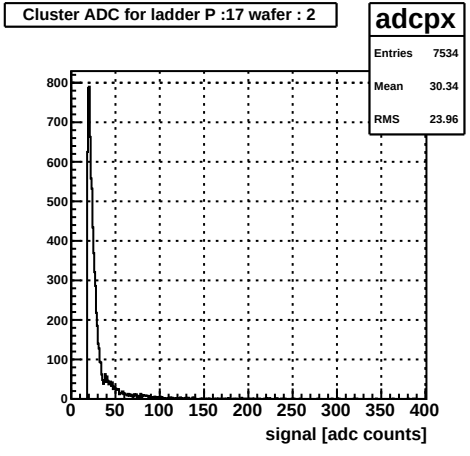

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1725
Mean 103.4
RMS 75.84
signal [adc counts]

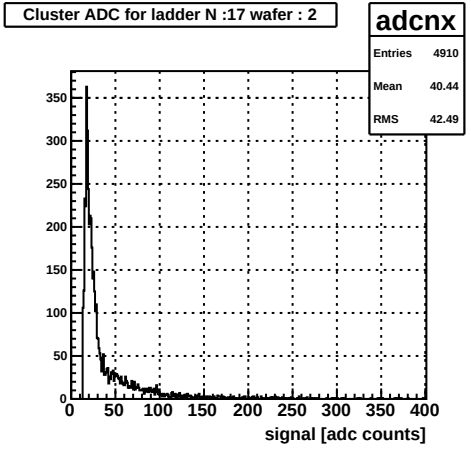

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2961
Mean 47
RMS 47.95
signal [adc counts]

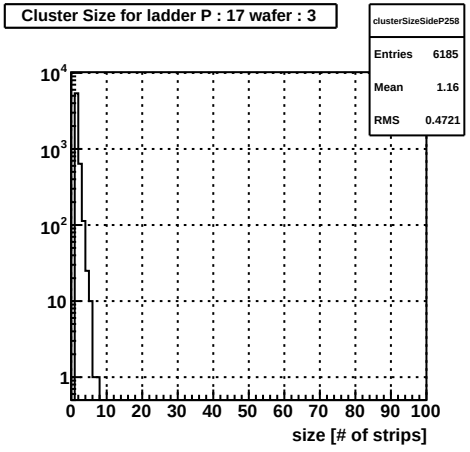

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7534
Mean 1.107
RMS 0.3921
size [# of strips]

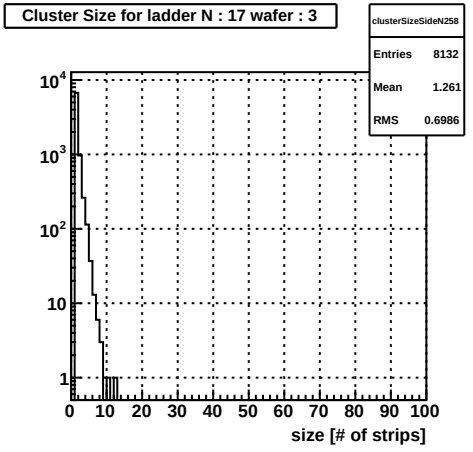

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4910
Mean 1.307
RMS 0.6347
size [# of strips]

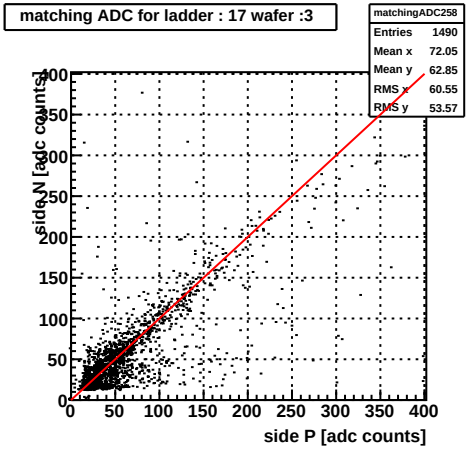

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 319
Mean x 66.48
Mean y 55.96
RMS x 61.21
RMS y 48
side N [adc counts]
side P [adc counts]

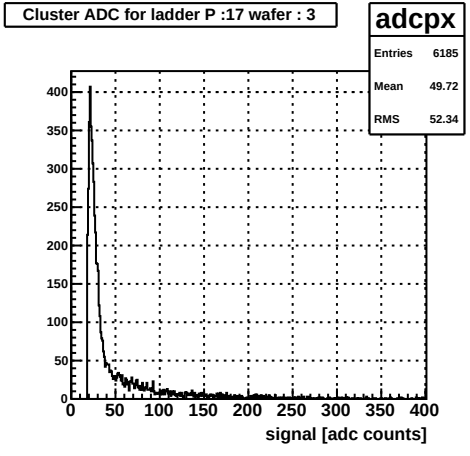

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7534
Mean 30.34
RMS 23.96
signal [adc counts]

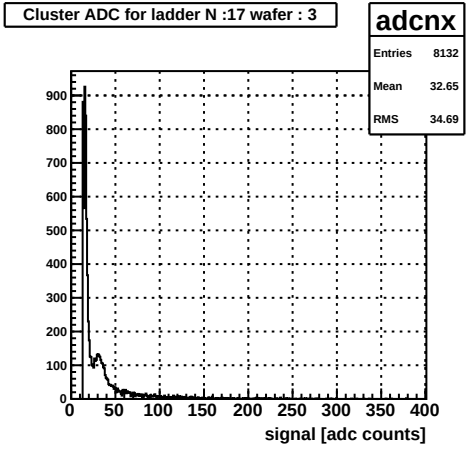

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4910
Mean 40.44
RMS 42.49
signal [adc counts]

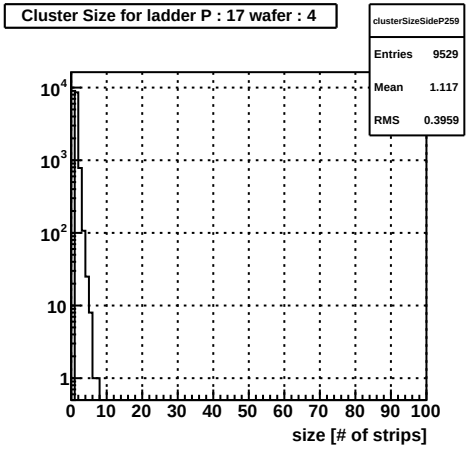

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6185
Mean 1.16
RMS 0.4721
size [# of strips]

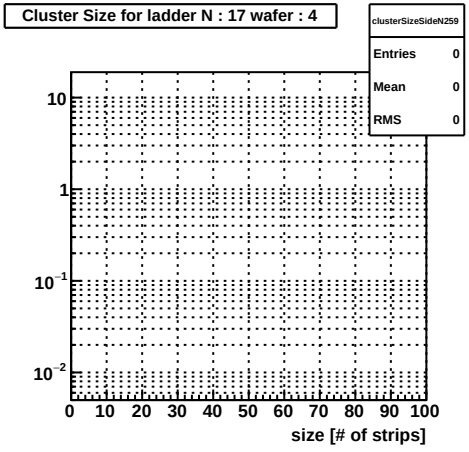

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8132
Mean 1.261
RMS 0.6986
size [# of strips]

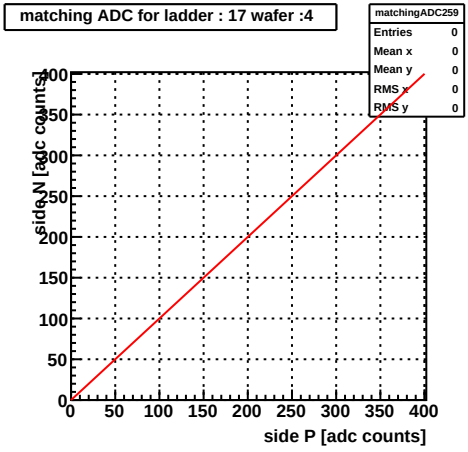

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1490
Mean x 72.05
Mean y 62.85
RMS x 60.55
RMS y 53.57
side N [adc counts]
side P [adc counts]

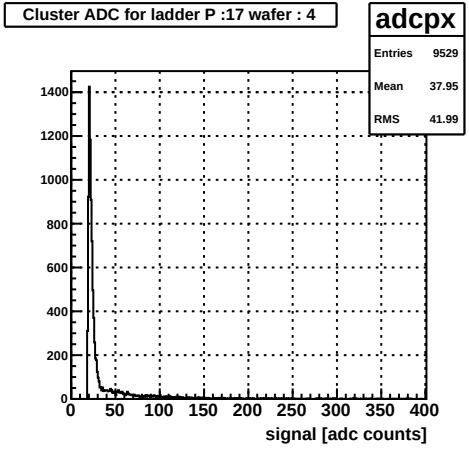

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6185
Mean 49.72
RMS 52.34
signal [adc counts]

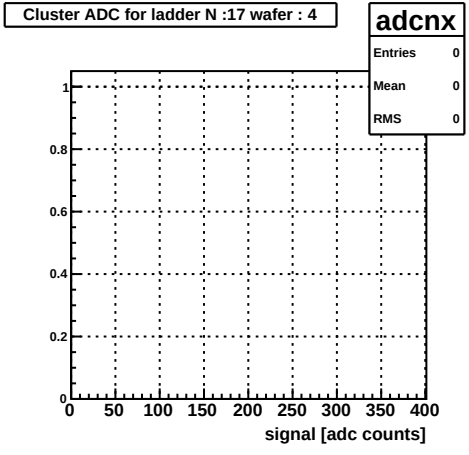

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8132
Mean 32.65
RMS 34.69
signal [adc counts]

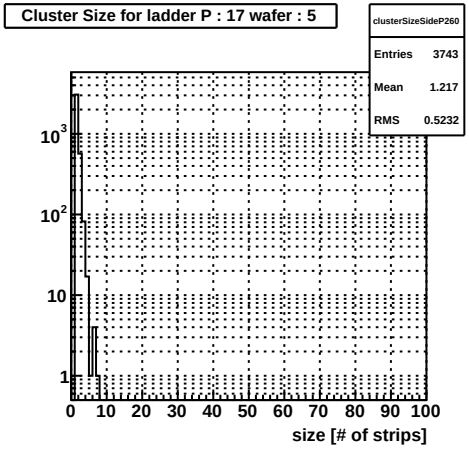

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9529
Mean 1.117
RMS 0.3959
size [# of strips]

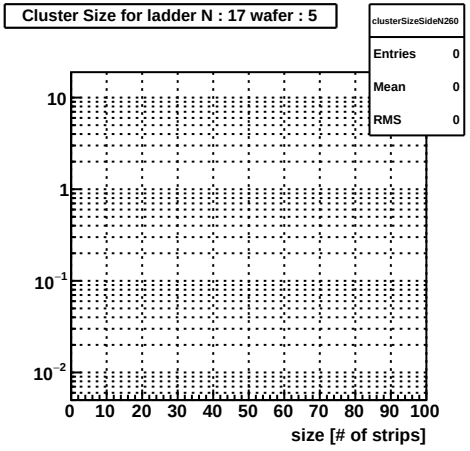

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

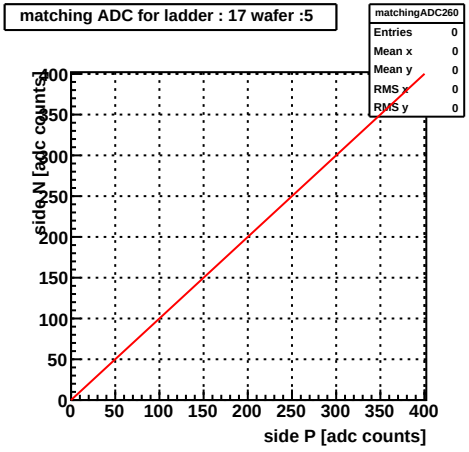

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

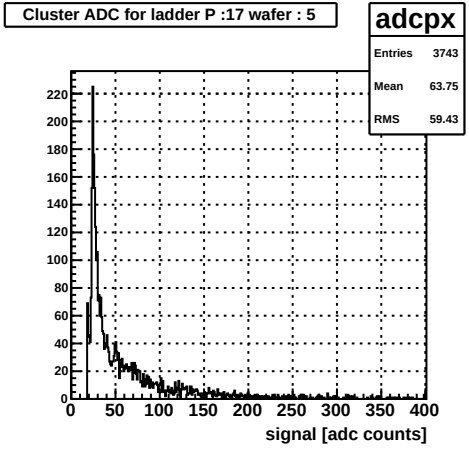

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9529
Mean 37.95
RMS 41.99
signal [adc counts]

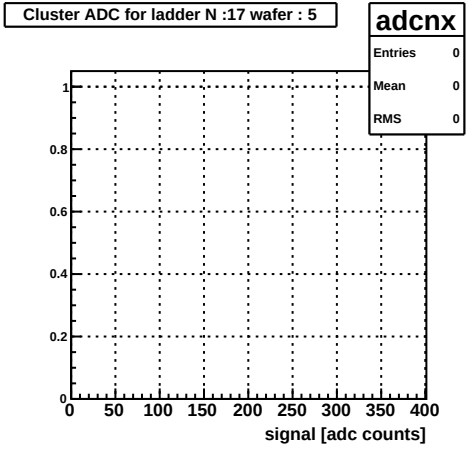

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

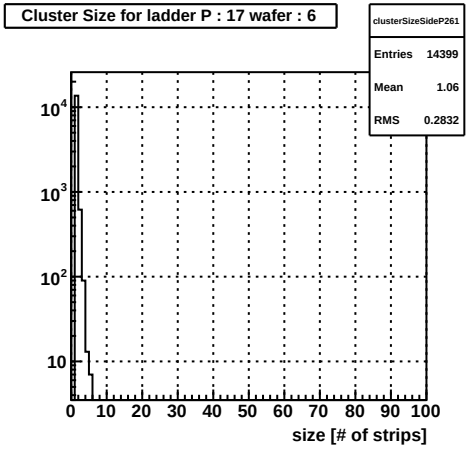

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3743
Mean 1.217
RMS 0.5232
size [# of strips]

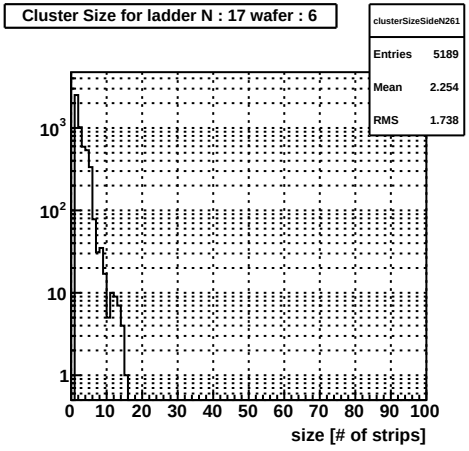

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

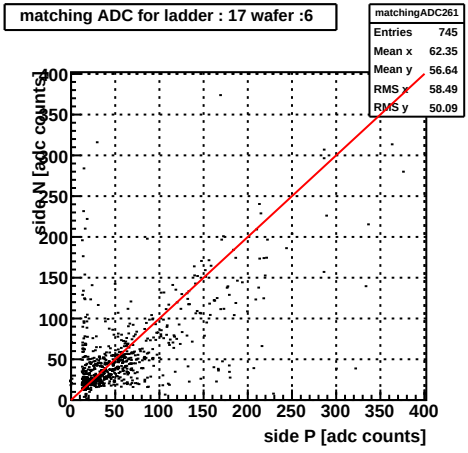

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

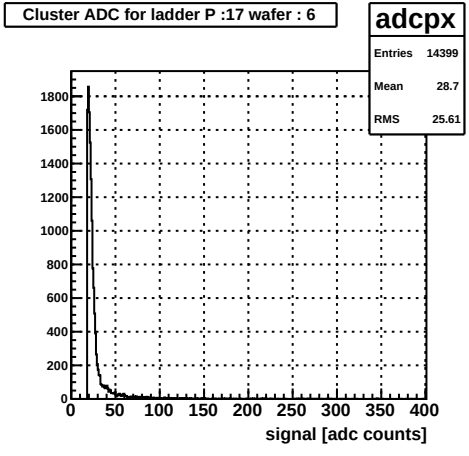

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3743
Mean 63.75
RMS 59.43
signal [adc counts]

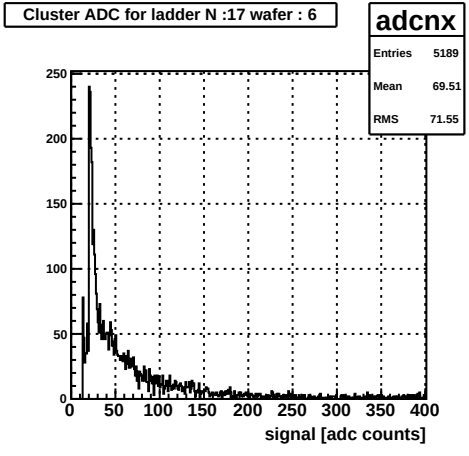

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

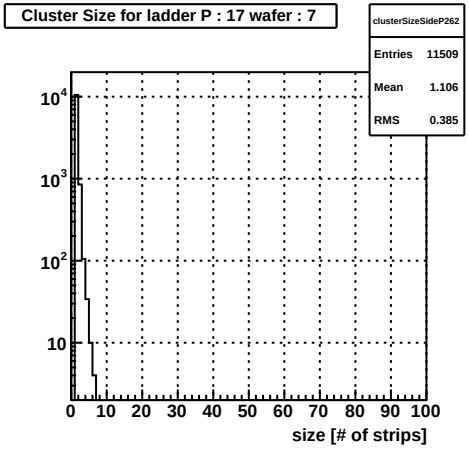

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14399
Mean 1.06
RMS 0.2832
size [# of strips]

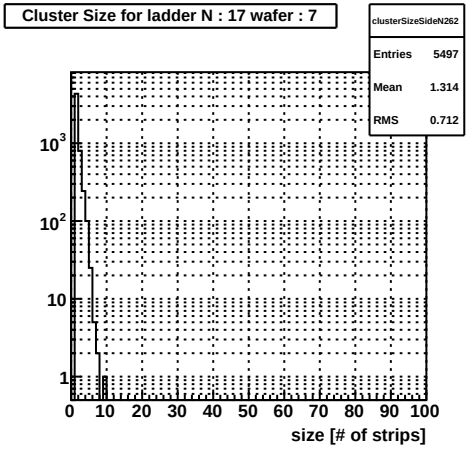

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5189
Mean 2.254
RMS 1.738
size [# of strips]

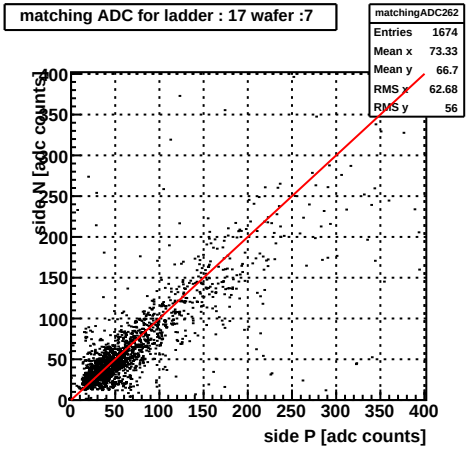

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 745
Mean x 62.35
Mean y 56.64
RMS x 58.49
RMS y 50.09
side N [adc counts]
side P [adc counts]

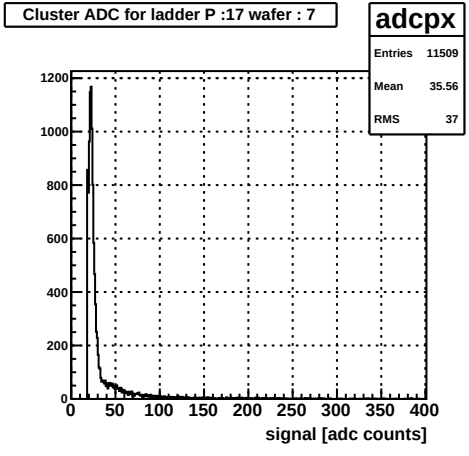

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14399
Mean 28.7
RMS 25.61
signal [adc counts]

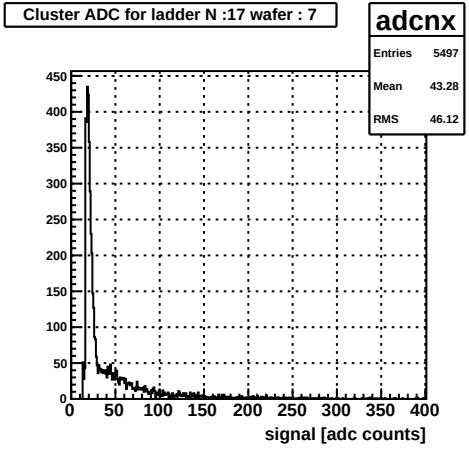

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5189
Mean 69.51
RMS 71.55
signal [adc counts]

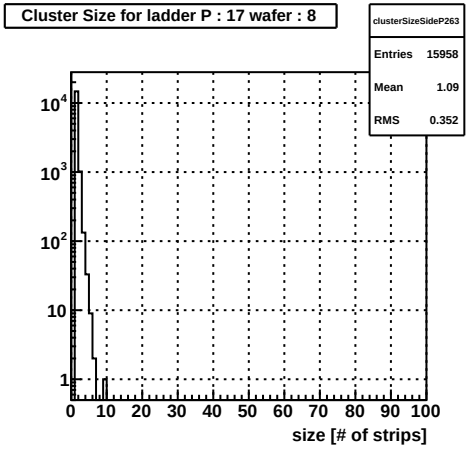

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11509
Mean 1.106
RMS 0.385
size [# of strips]

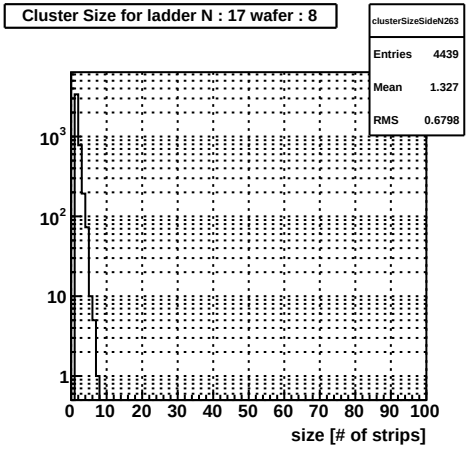

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5497
Mean 1.314
RMS 0.712
size [# of strips]

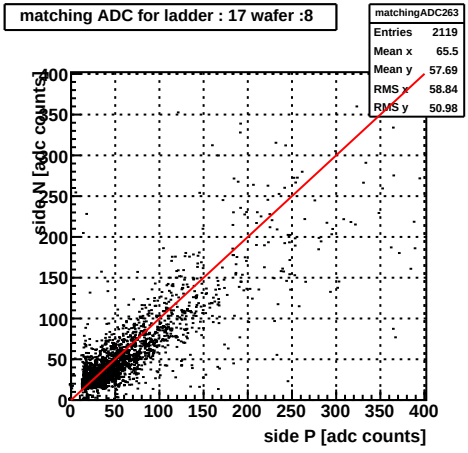

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1674
Mean x 73.33
Mean y 66.7
RMS x 62.68
RMS y 56
side N [adc counts]
side P [adc counts]

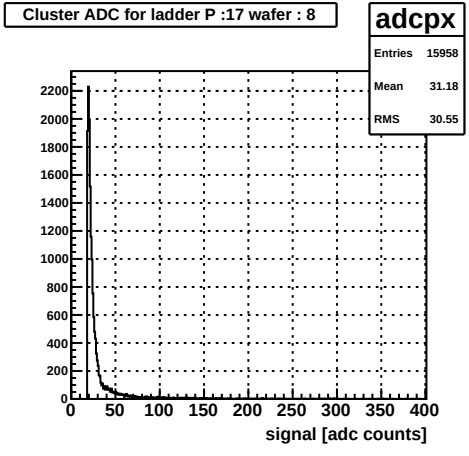

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11509
Mean 35.56
RMS 37
signal [adc counts]

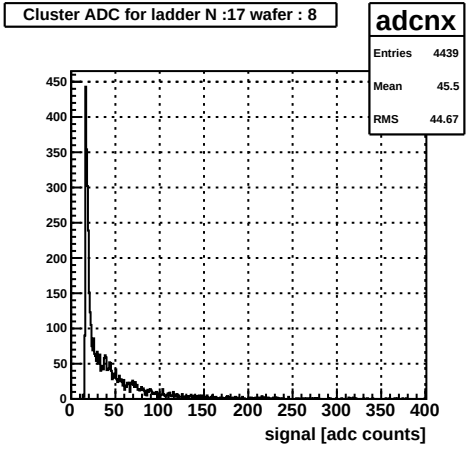

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5497
Mean 43.28
RMS 46.12
signal [adc counts]

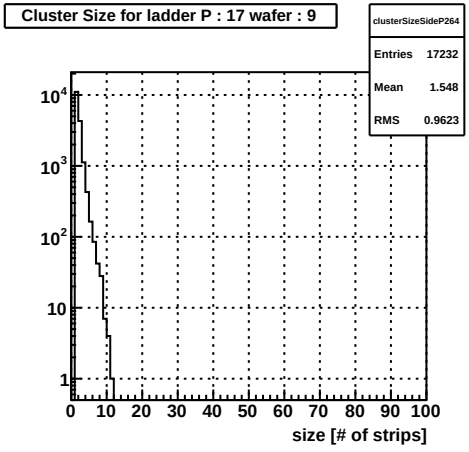

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15958
Mean 1.09
RMS 0.352
size [# of strips]

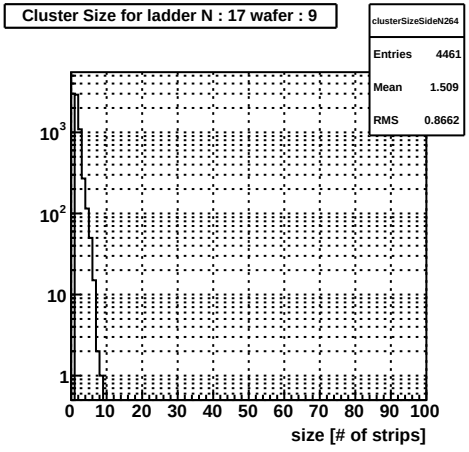

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4439
Mean 1.327
RMS 0.6798
size [# of strips]

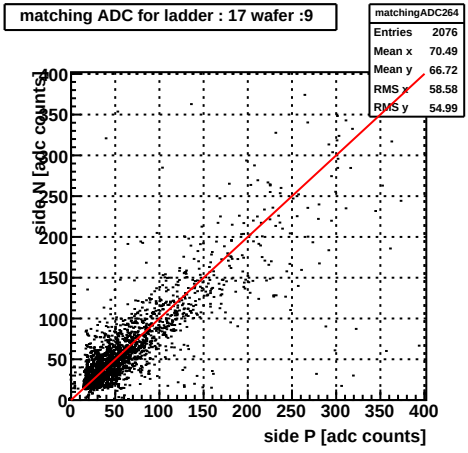

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 2119
Mean x 65.5
Mean y 57.69
RMS x 58.84
RMS y 50.98
side N [adc counts]
side P [adc counts]

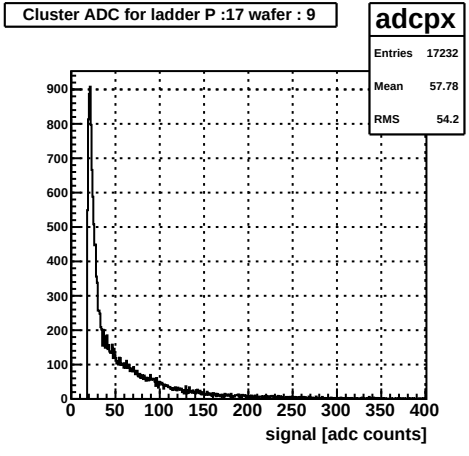

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15958
Mean 31.18
RMS 30.55
signal [adc counts]

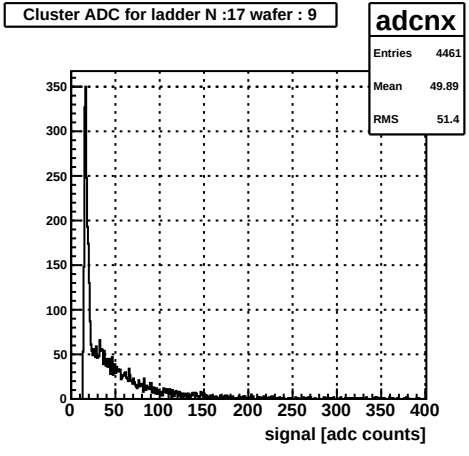

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4439
Mean 45.5
RMS 44.67
signal [adc counts]

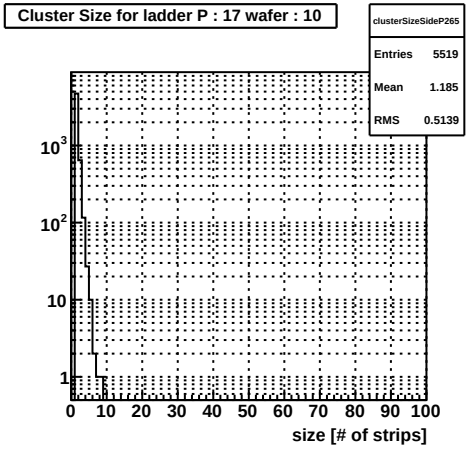

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17232
Mean 1.548
RMS 0.9623
size [# of strips]

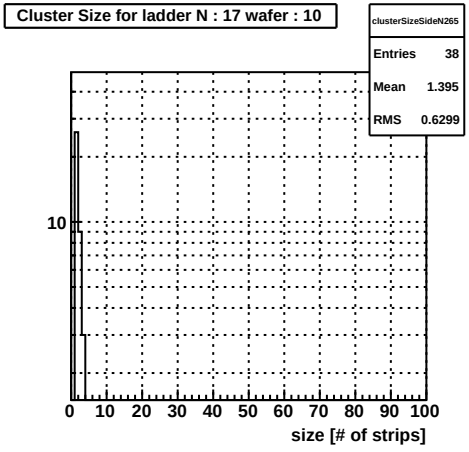

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4461
Mean 1.509
RMS 0.8662
size [# of strips]

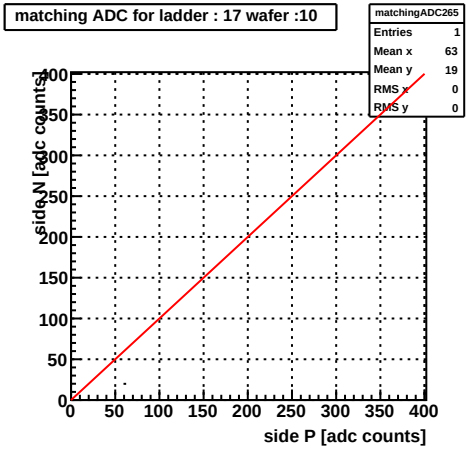

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2076
Mean x 70.49
Mean y 66.72
RMS x 58.58
RMS y 54.99
side N [adc counts]
side P [adc counts]

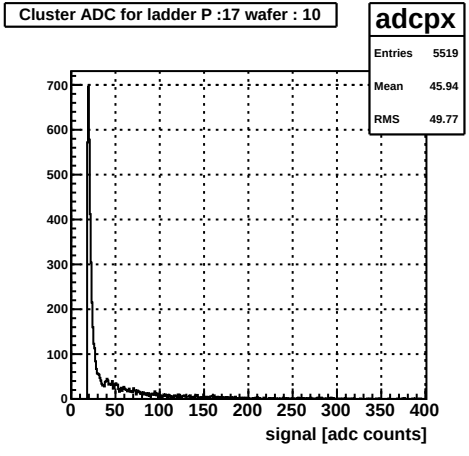

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17232
Mean 57.78
RMS 54.2
signal [adc counts]

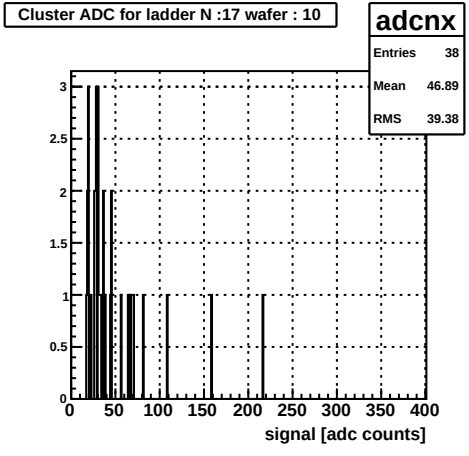

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4461
Mean 49.89
RMS 51.4
signal [adc counts]

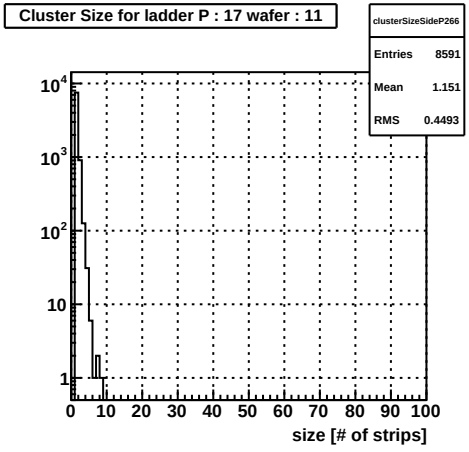

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5519
Mean 1.185
RMS 0.5139
size [# of strips]

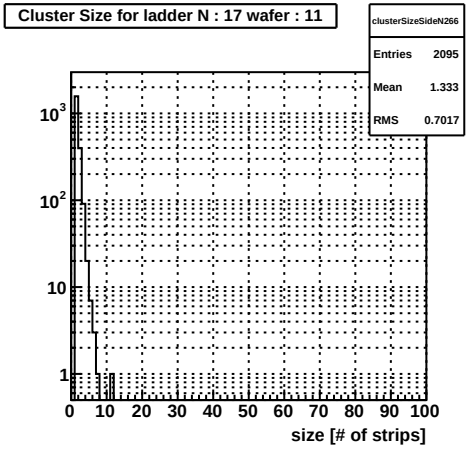

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 38
Mean 1.395
RMS 0.6299
size [# of strips]

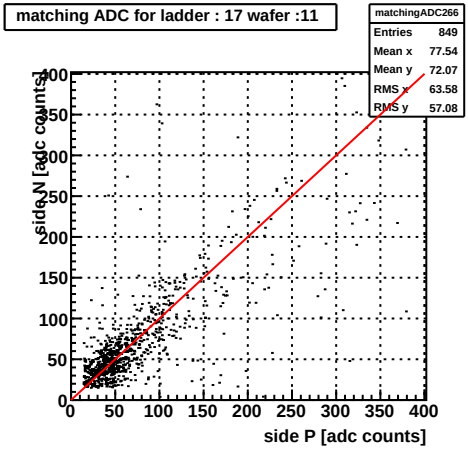

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 63
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

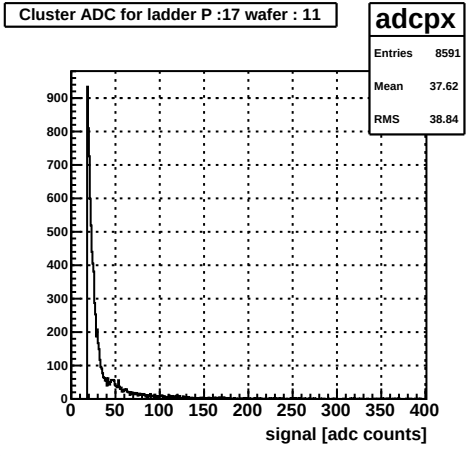

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5519
Mean 45.94
RMS 49.77
signal [adc counts]

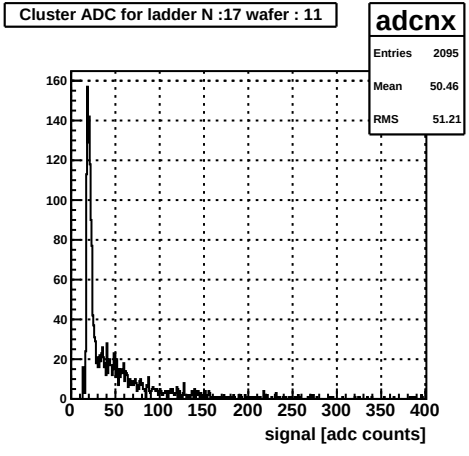

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 38
Mean 46.89
RMS 39.38
signal [adc counts]

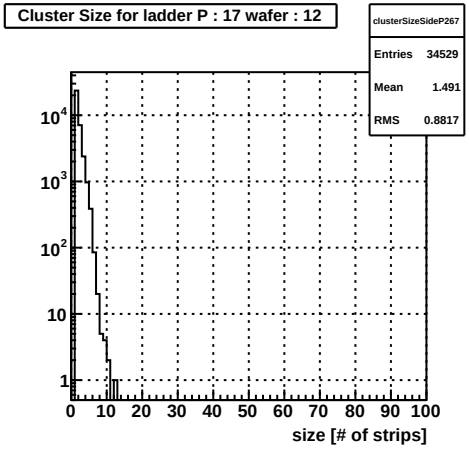

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8591
Mean 1.151
RMS 0.4493
size [# of strips]

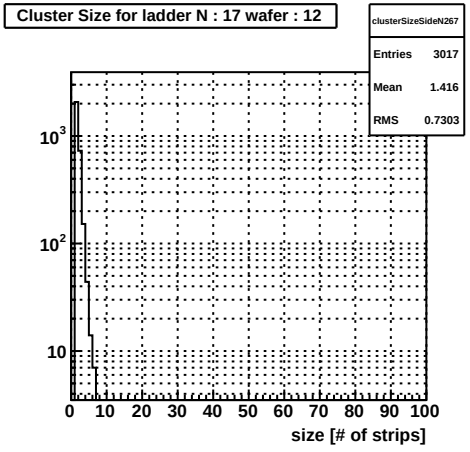

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2095
Mean 1.333
RMS 0.7017
size [# of strips]

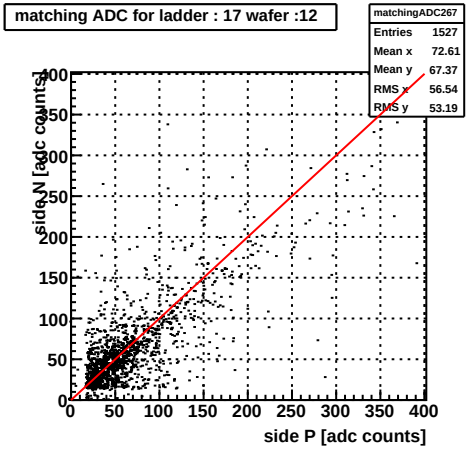

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 849
Mean x 77.54
Mean y 72.07
RMS x 63.58
RMS y 57.08
side N [adc counts]
side P [adc counts]

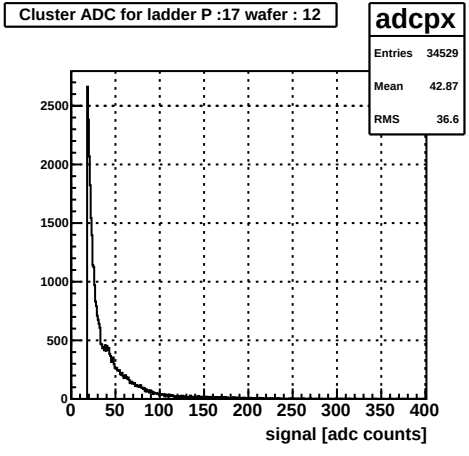

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8591
Mean 37.62
RMS 38.84
signal [adc counts]

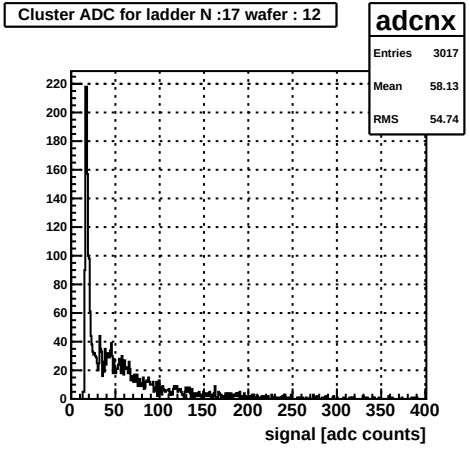

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2095
Mean 50.46
RMS 51.21
signal [adc counts]

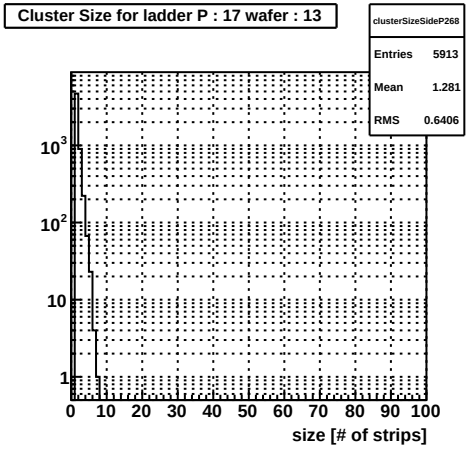

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34529
Mean 1.491
RMS 0.8817
size [# of strips]

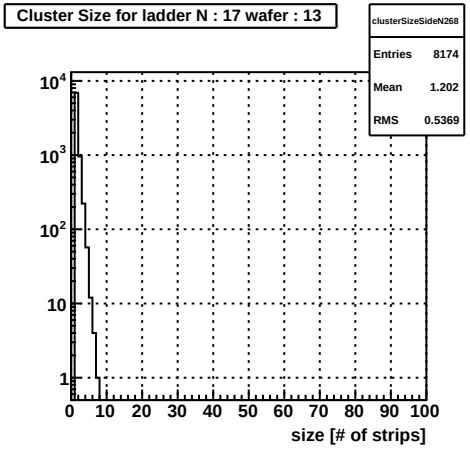

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 3017
Mean 1.416
RMS 0.7303
size [# of strips]

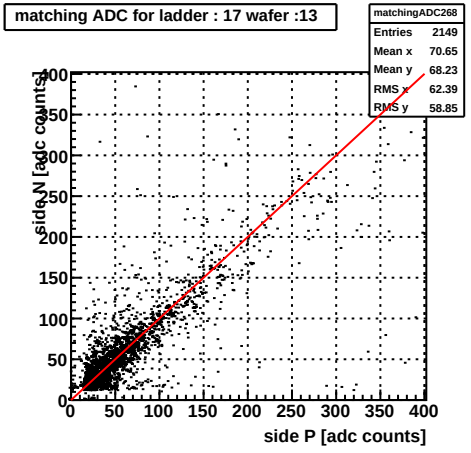

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1527
Mean x 72.61
Mean y 67.37
RMS x 56.54
RMS y 53.19
side N [adc counts]
side P [adc counts]

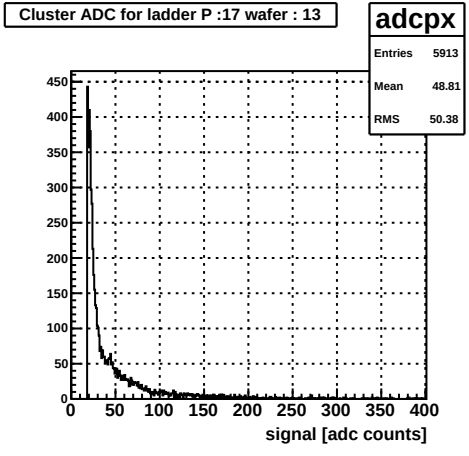

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34529
Mean 42.87
RMS 36.6
signal [adc counts]

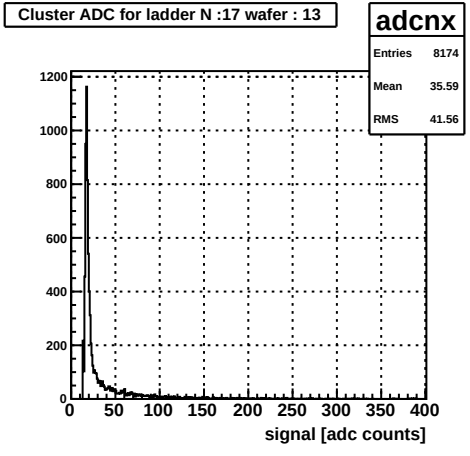

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 3017
Mean 58.13
RMS 54.74
signal [adc counts]

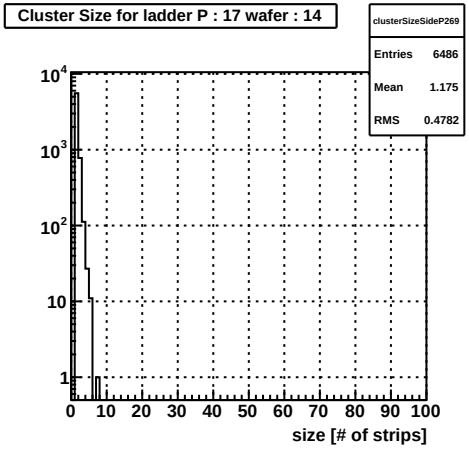

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5913
Mean 1.281
RMS 0.6406
size [# of strips]

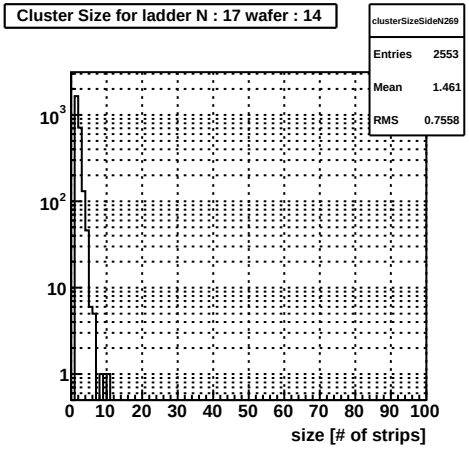

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8174
Mean 1.202
RMS 0.5369
size [# of strips]

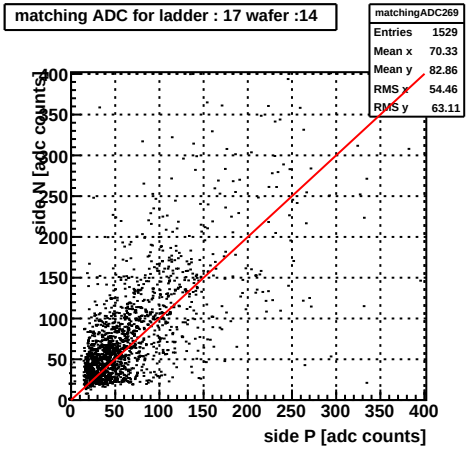

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2149
Mean x 70.65
Mean y 68.23
RMS x 62.39
RMS y 58.85
side N [adc counts]
side P [adc counts]

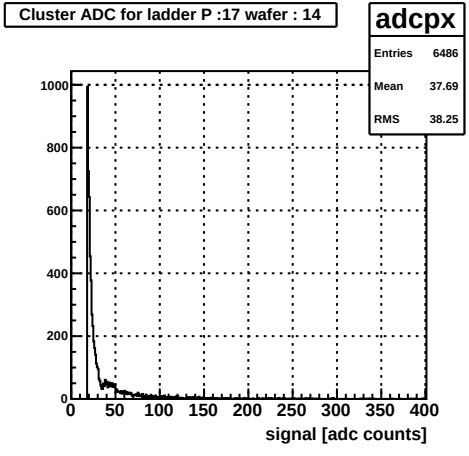

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5913
Mean 48.81
RMS 50.38
signal [adc counts]

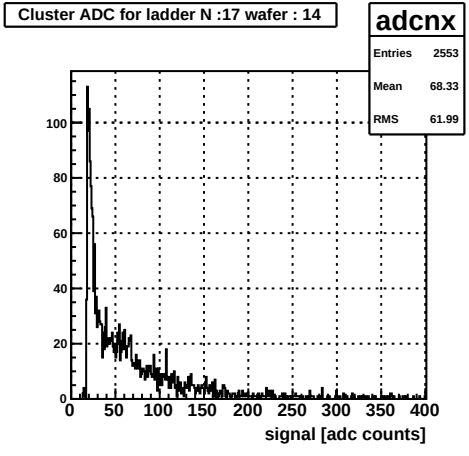

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8174
Mean 35.59
RMS 41.56
signal [adc counts]

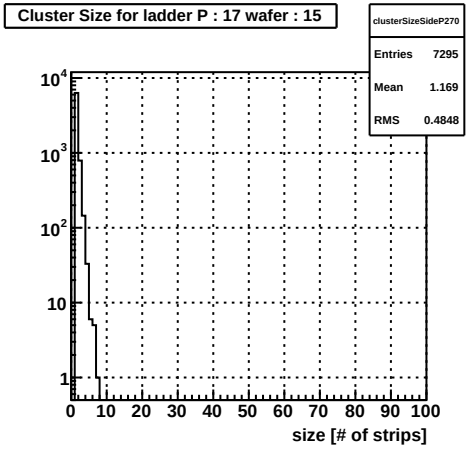

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6486
Mean 1.175
RMS 0.4782
size [# of strips]

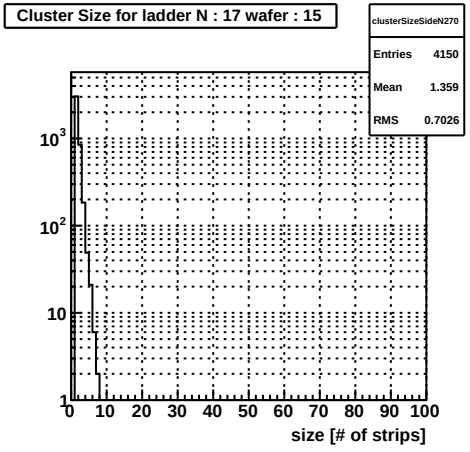

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2553
Mean 1.461
RMS 0.7558
size [# of strips]

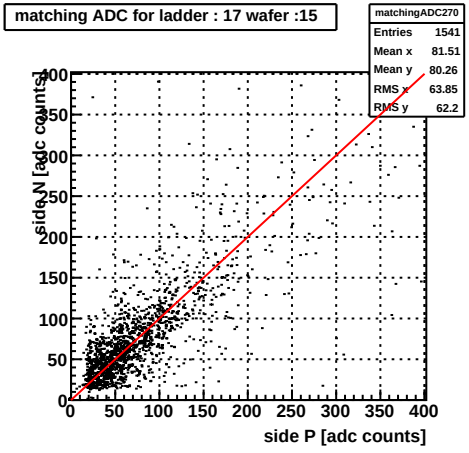

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1529
Mean x 70.33
Mean y 82.86
RMS x 54.46
RMS y 63.11
side N [adc counts]
side P [adc counts]

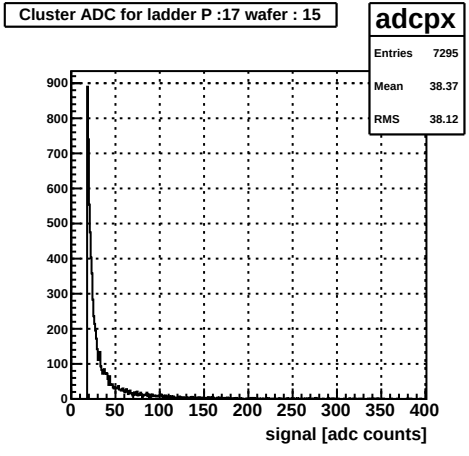

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6486
Mean 37.69
RMS 38.25
signal [adc counts]

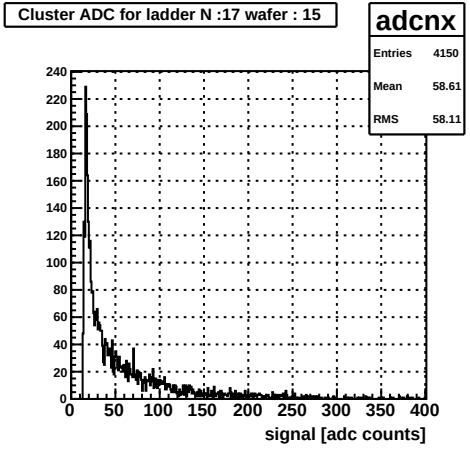

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2553
Mean 68.33
RMS 61.99
signal [adc counts]

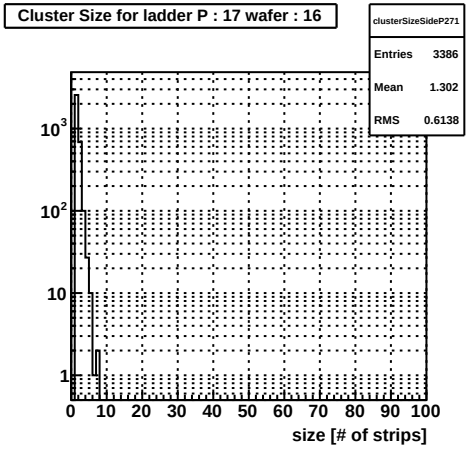

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7295
Mean 1.169
RMS 0.4848
size [# of strips]

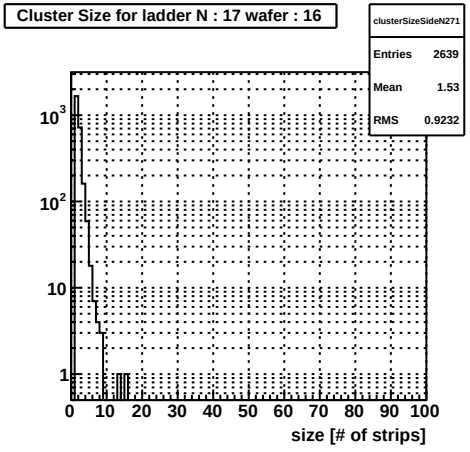

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4150
Mean 1.359
RMS 0.7026
size [# of strips]

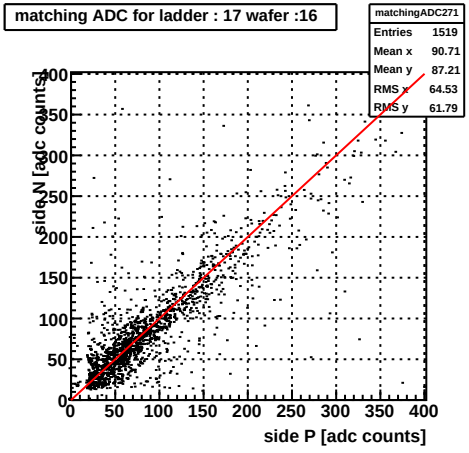

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1541
Mean x 81.51
Mean y 80.26
RMS x 63.85
RMS y 62.2
side N [adc counts]
side P [adc counts]

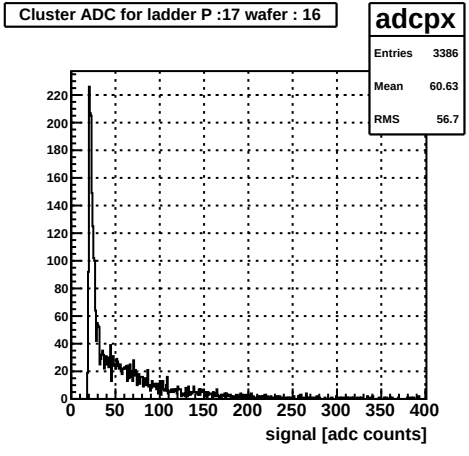

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7295
Mean 38.37
RMS 38.12
signal [adc counts]

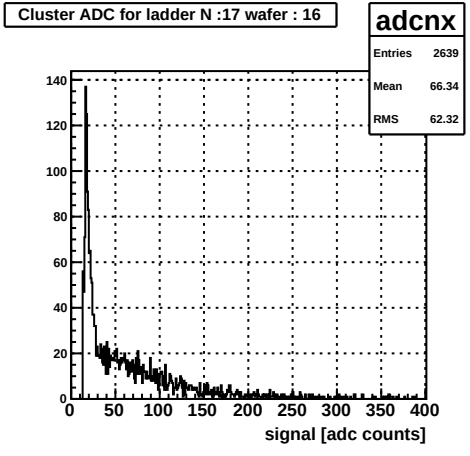

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4150
Mean 58.61
RMS 58.11
signal [adc counts]

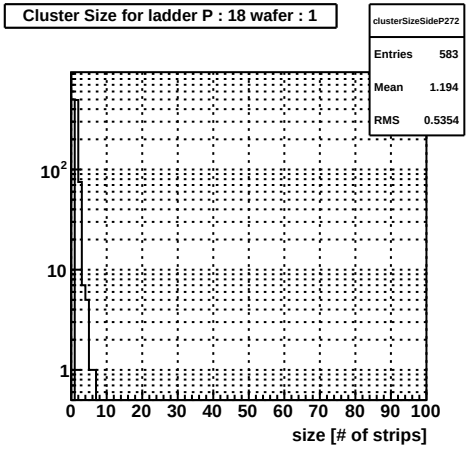

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3386
Mean 1.302
RMS 0.6138
size [# of strips]

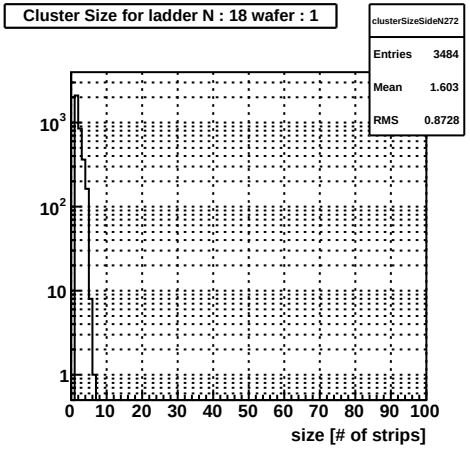

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2639
Mean 1.53
RMS 0.9232
size [# of strips]

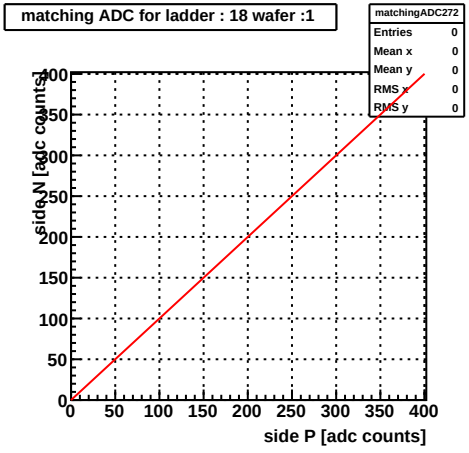

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1519
Mean x 90.71
Mean y 87.21
RMS x 64.53
RMS y 61.79
side N [adc counts]
side P [adc counts]

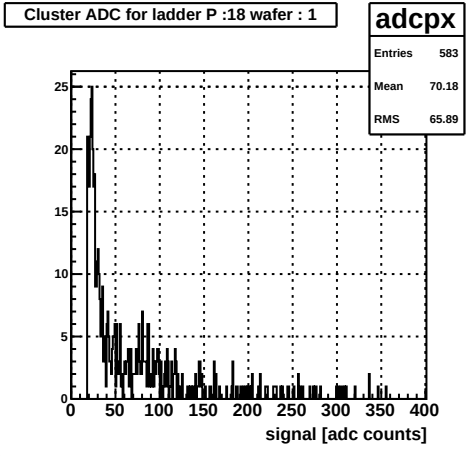

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3386
Mean 60.63
RMS 56.7
signal [adc counts]

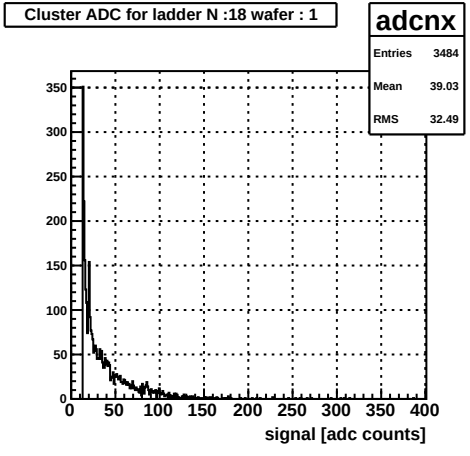

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2639
Mean 66.34
RMS 62.32
signal [adc counts]

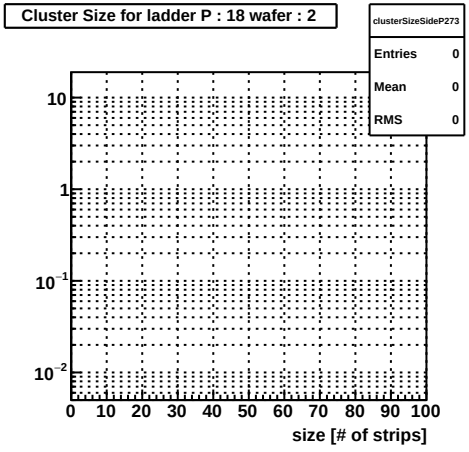

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 583
Mean 1.194
RMS 0.5354
size [# of strips]

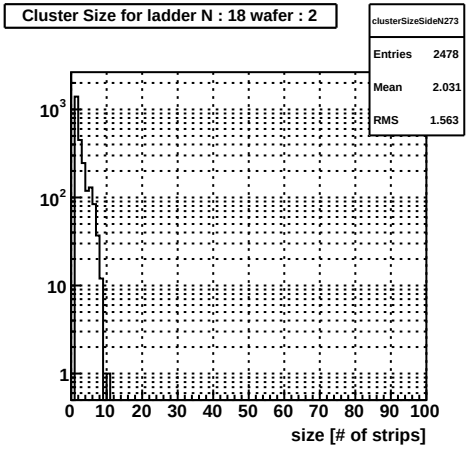

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3484
Mean 1.603
RMS 0.8728
size [# of strips]

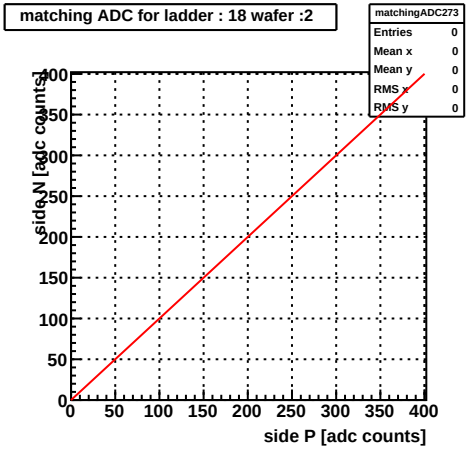

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

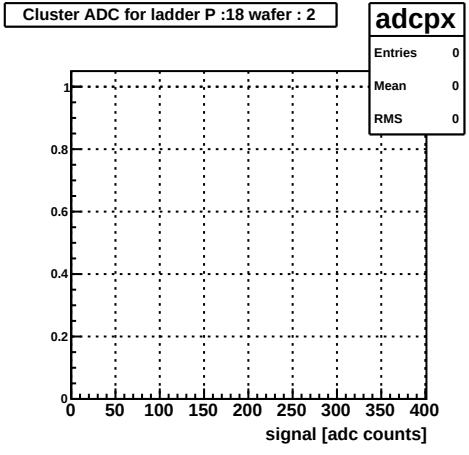

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 583
Mean 70.18
RMS 65.89
signal [adc counts]

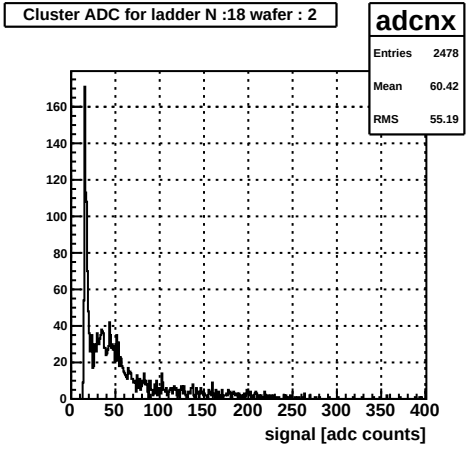

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3484
Mean 39.03
RMS 32.49
signal [adc counts]

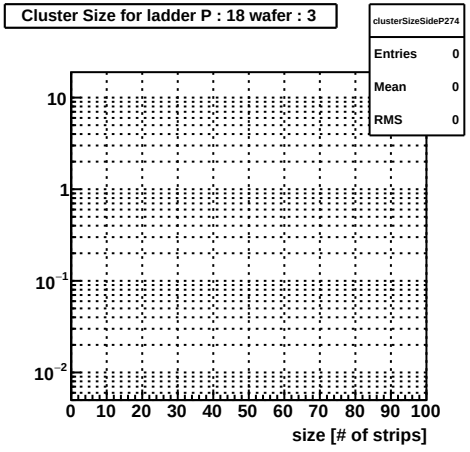

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

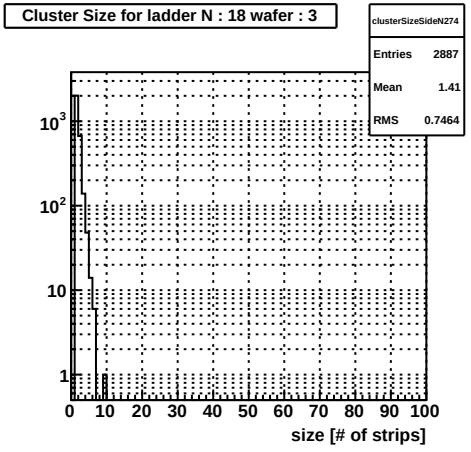

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2478
Mean 2.031
RMS 1.563
size [# of strips]

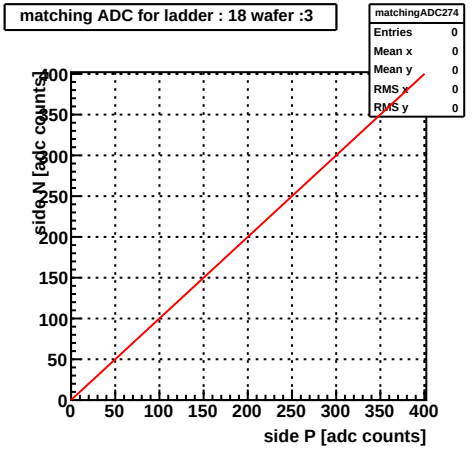

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

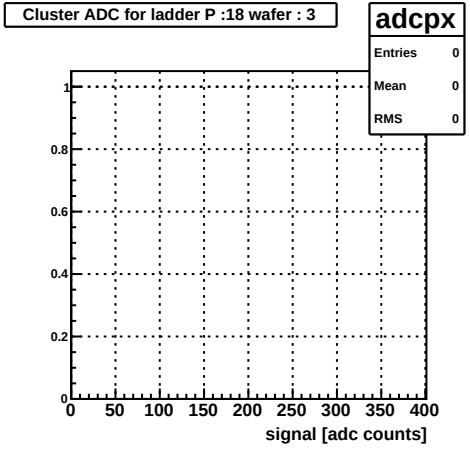

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

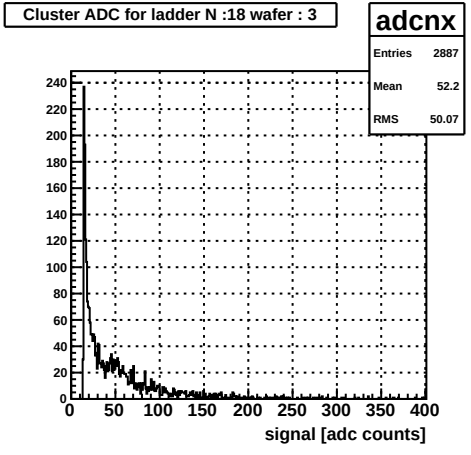

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2478
Mean 60.42
RMS 55.19
signal [adc counts]

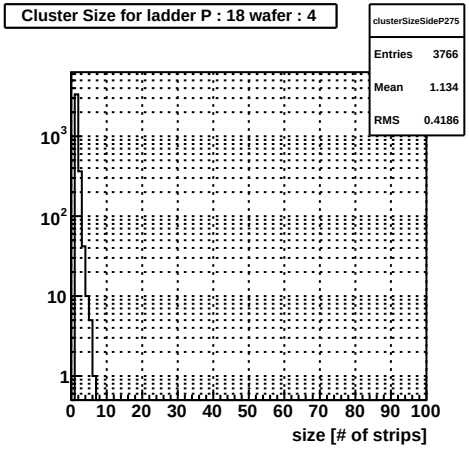

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

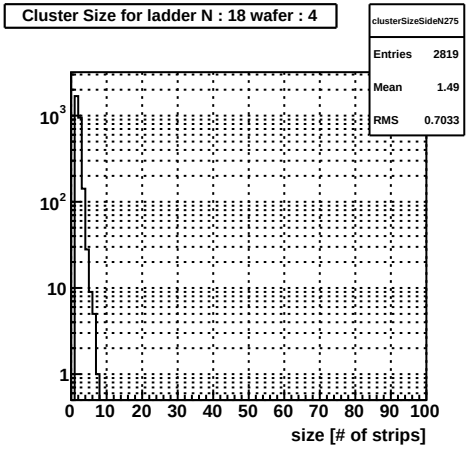

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2887
Mean 1.41
RMS 0.7464
size [# of strips]

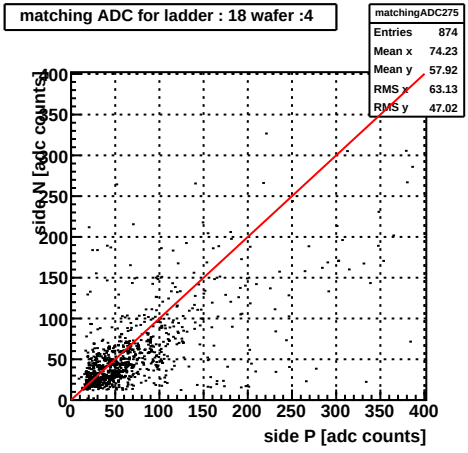

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

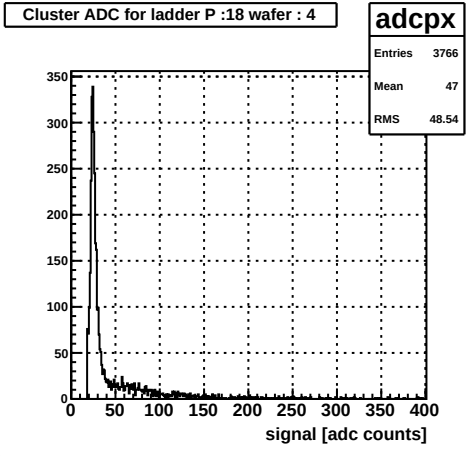

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

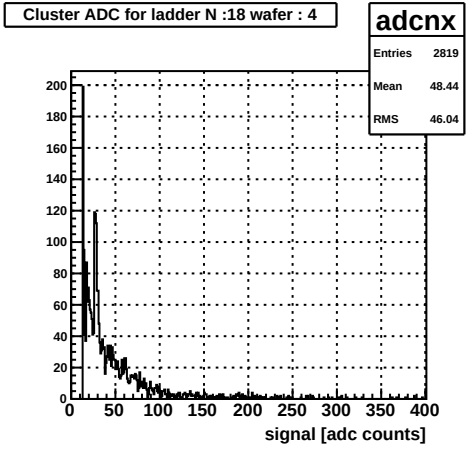

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2887
Mean 52.2
RMS 50.07
signal [adc counts]

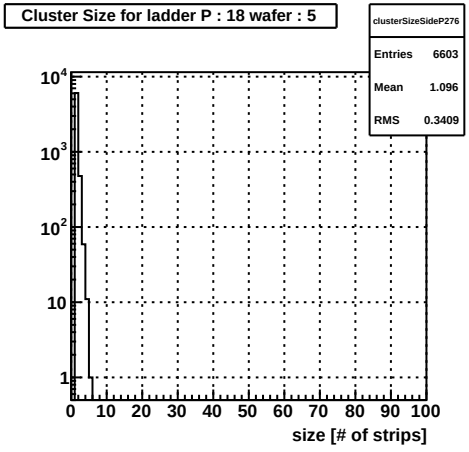

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3766
Mean 1.134
RMS 0.4186
size [# of strips]

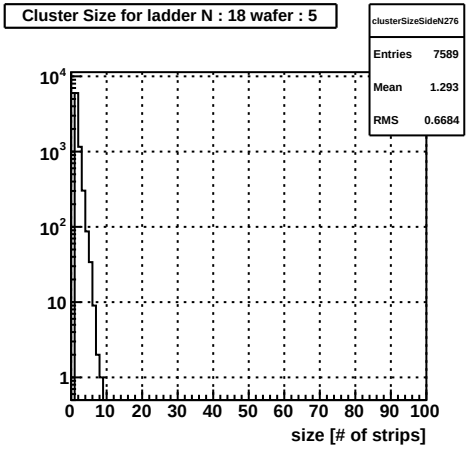

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2819
Mean 1.49
RMS 0.7033
size [# of strips]

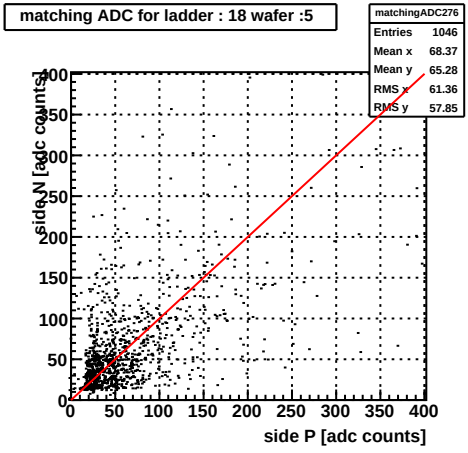

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 874
Mean x 74.23
Mean y 57.92
RMS x 63.13
RMS y 47.02
side N [adc counts]
side P [adc counts]

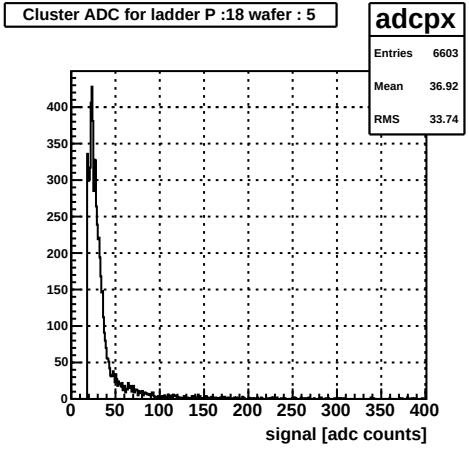

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3766
Mean 47
RMS 48.54
signal [adc counts]

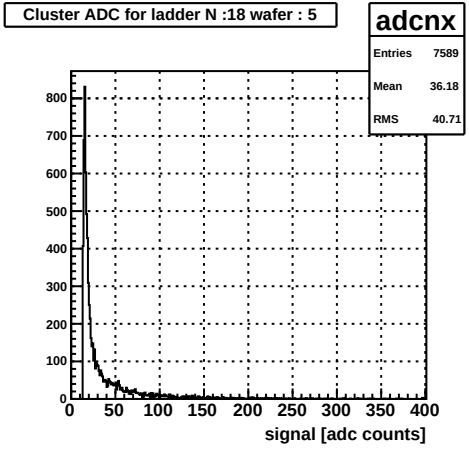

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2819
Mean 48.44
RMS 46.04
signal [adc counts]

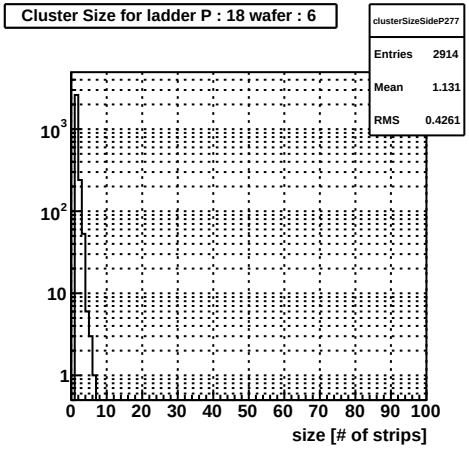

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6603
Mean 1.096
RMS 0.3409
size [# of strips]

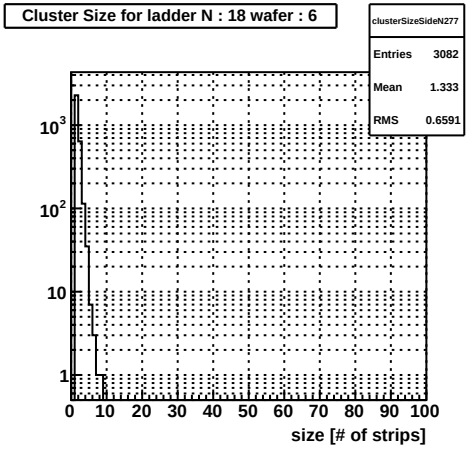

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7589
Mean 1.293
RMS 0.6684
size [# of strips]

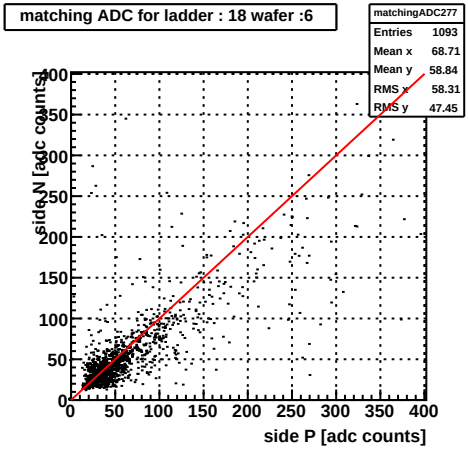

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1046
Mean x 68.37
Mean y 65.28
RMS x 61.36
RMS y 57.85
side N [adc counts]
side P [adc counts]

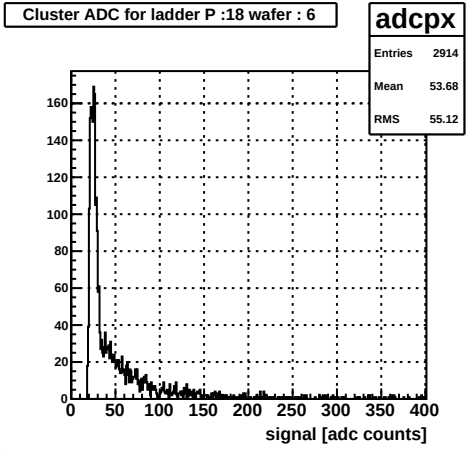

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6603
Mean 36.92
RMS 33.74
signal [adc counts]

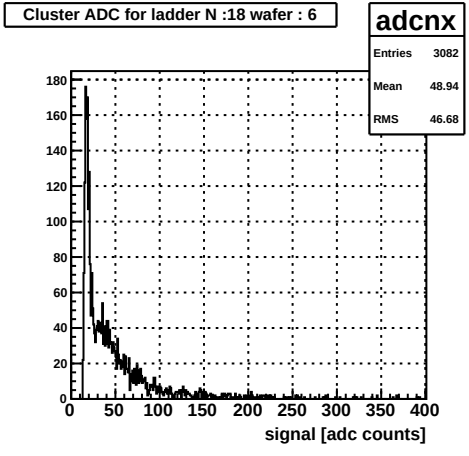

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7589
Mean 36.18
RMS 40.71
signal [adc counts]

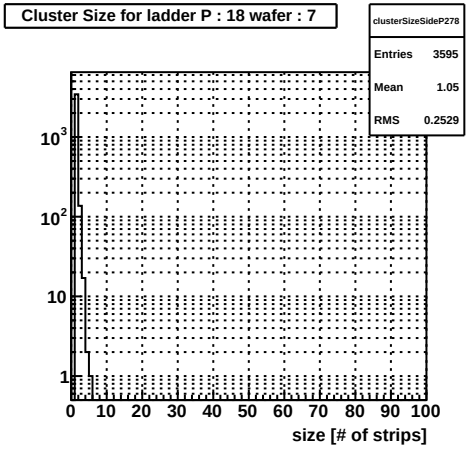

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2914
Mean 1.131
RMS 0.4261
size [# of strips]

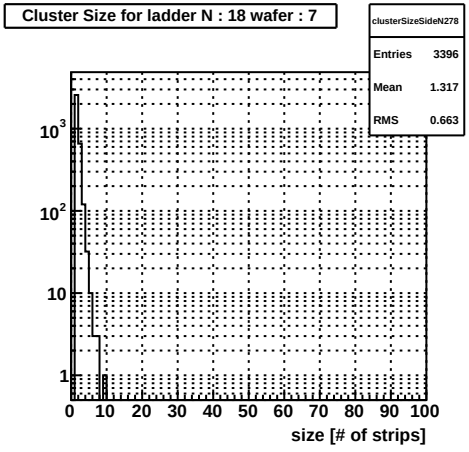

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3082
Mean 1.333
RMS 0.6591
size [# of strips]

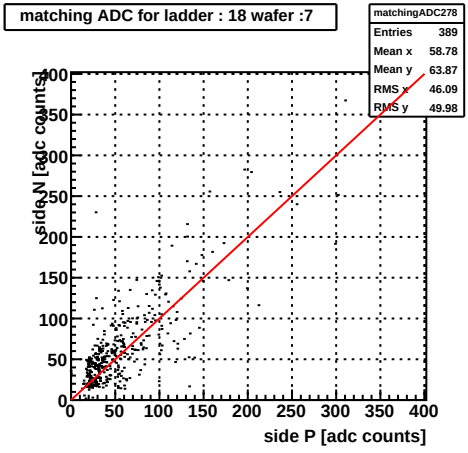

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1093
Mean x 68.71
Mean y 58.84
RMS x 58.31
RMS y 47.45
side N [adc counts]
side P [adc counts]

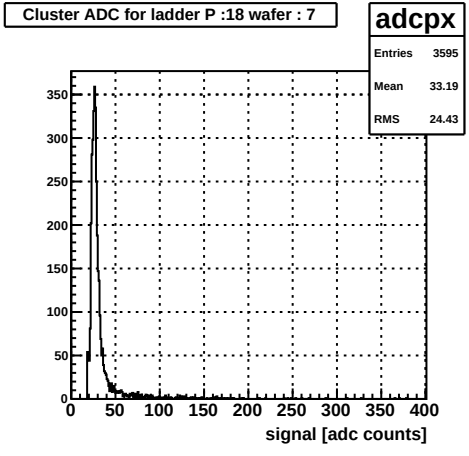

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2914
Mean 53.68
RMS 55.12
signal [adc counts]

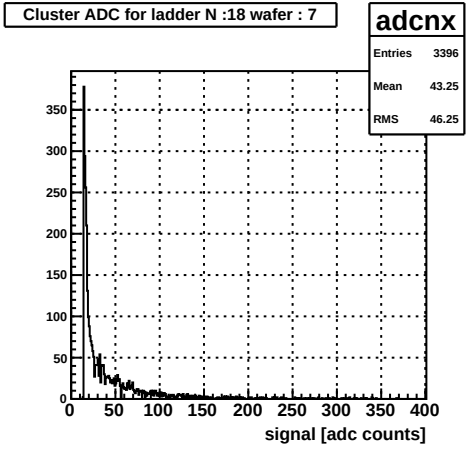

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3082
Mean 48.94
RMS 46.68
signal [adc counts]

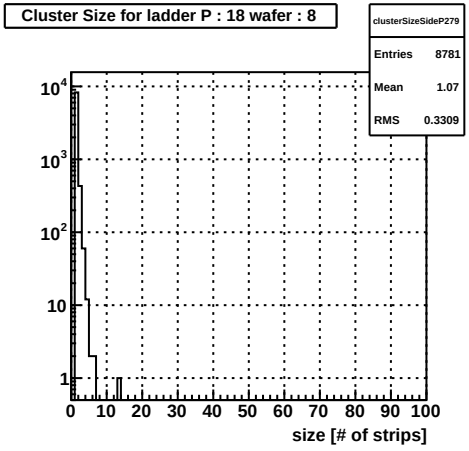

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3595
Mean 1.05
RMS 0.2529
size [# of strips]

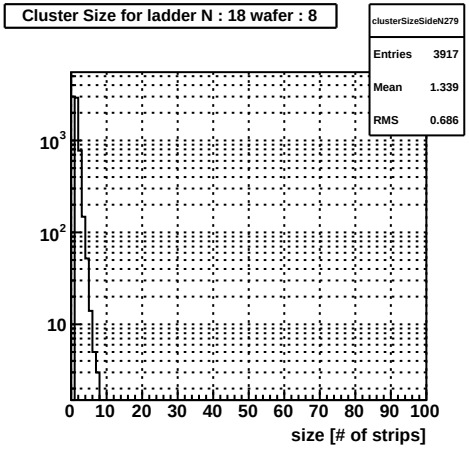

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3396
Mean 1.317
RMS 0.663
size [# of strips]

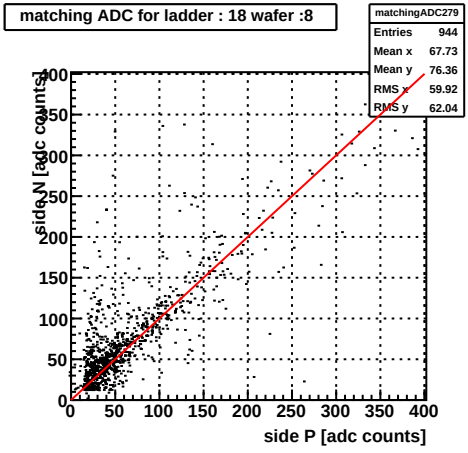

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 389
Mean x 58.78
Mean y 63.87
RMS x 46.09
RMS y 49.98
side N [adc counts]
side P [adc counts]

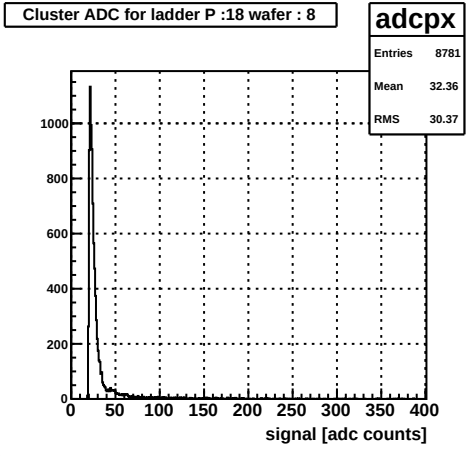

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3595
Mean 33.19
RMS 24.43
signal [adc counts]

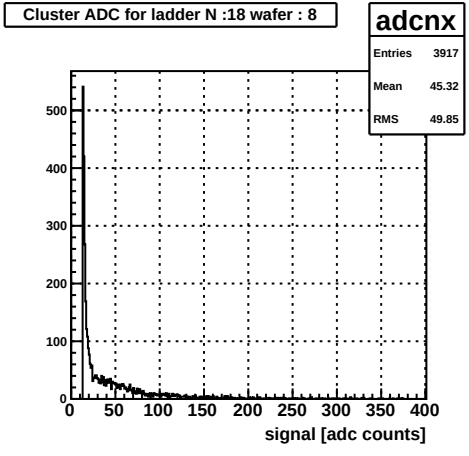

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3396
Mean 43.25
RMS 46.25
signal [adc counts]

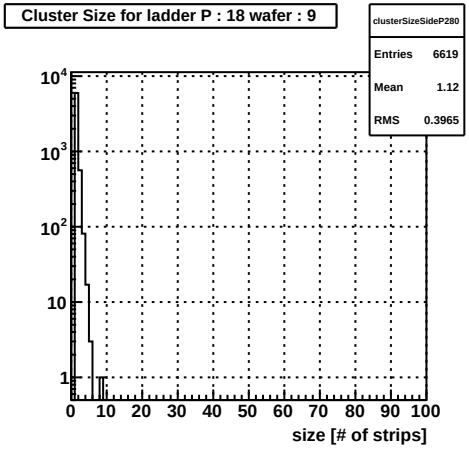

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8781
Mean 1.07
RMS 0.3309
size [# of strips]

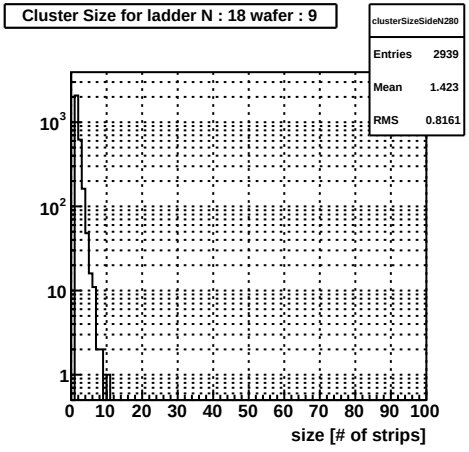

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3917
Mean 1.339
RMS 0.686
size [# of strips]

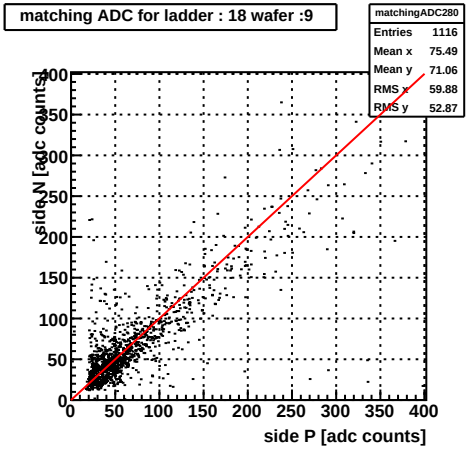

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 944
Mean x 67.73
Mean y 76.36
RMS x 59.92
RMS y 62.04
side N [adc counts]
side P [adc counts]

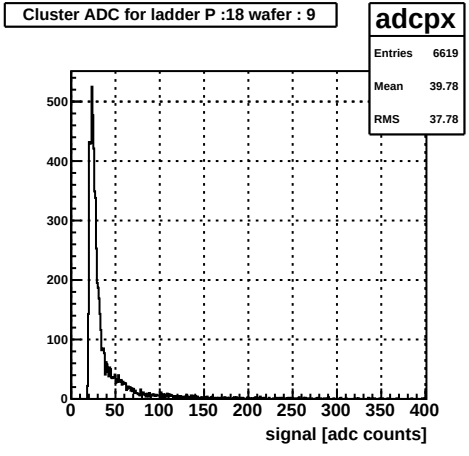

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8781
Mean 32.36
RMS 30.37
signal [adc counts]

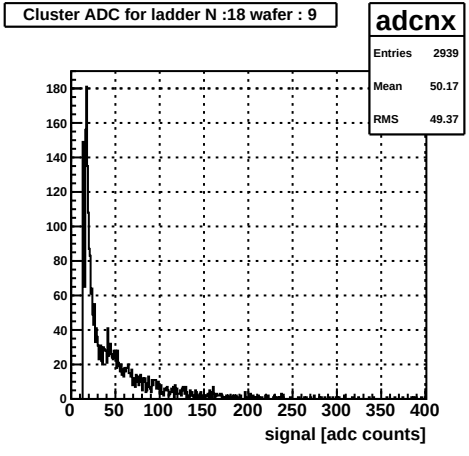

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3917
Mean 45.32
RMS 49.85
signal [adc counts]

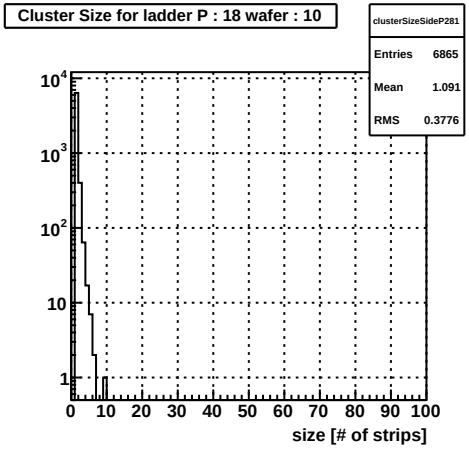

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6619
Mean 1.12
RMS 0.3965
size [# of strips]

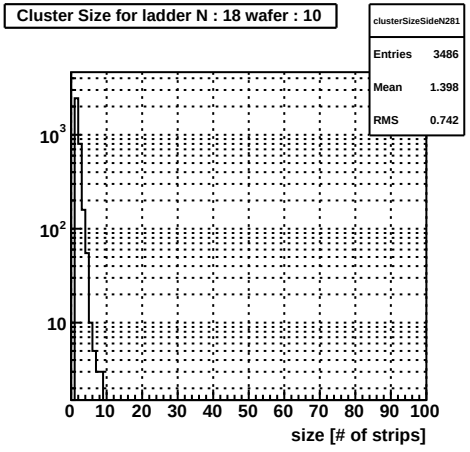

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2939
Mean 1.423
RMS 0.8161
size [# of strips]

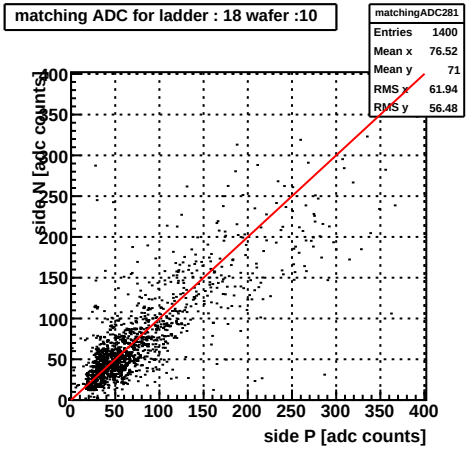

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1116
Mean x 75.49
Mean y 71.06
RMS x 59.88
RMS y 52.87
side N [adc counts]
side P [adc counts]

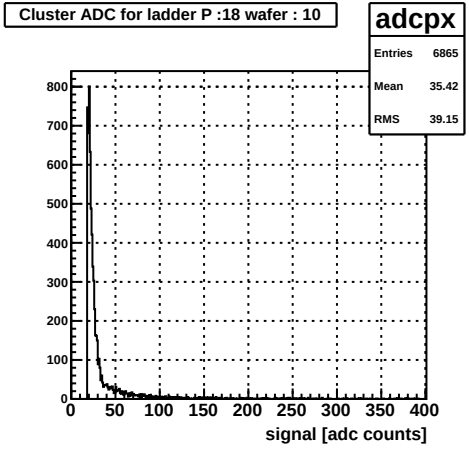

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6619
Mean 39.78
RMS 37.78
signal [adc counts]

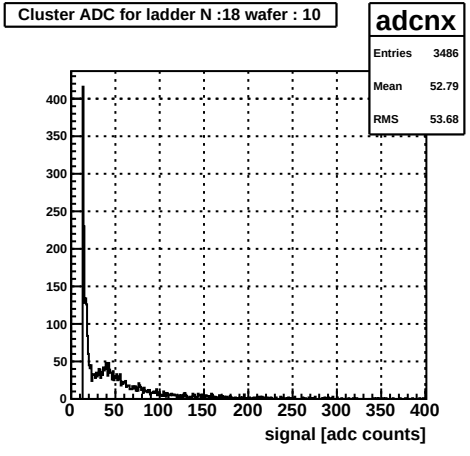

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2939
Mean 50.17
RMS 49.37
signal [adc counts]

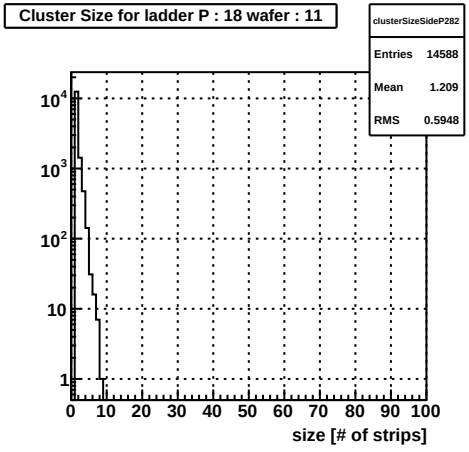

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6865
Mean 1.091
RMS 0.3776
size [# of strips]

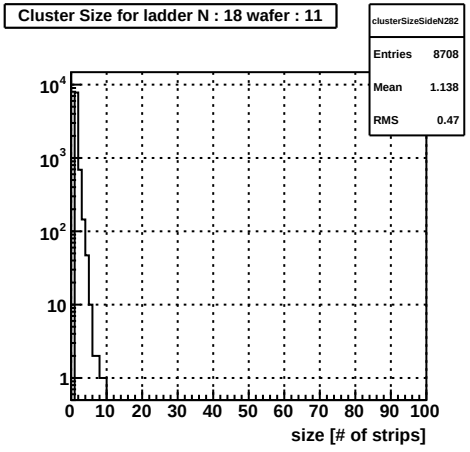

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3486
Mean 1.398
RMS 0.742
size [# of strips]

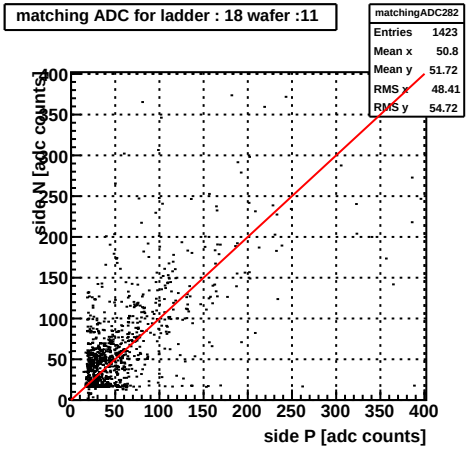

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1400
Mean x 76.52
Mean y 71
RMS x 61.94
RMS y 56.48
side N [adc counts]
side P [adc counts]

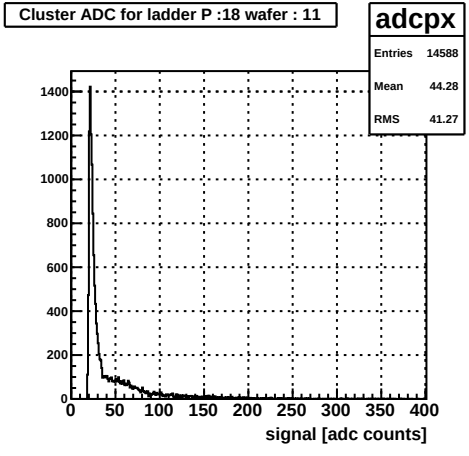

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6865
Mean 35.42
RMS 39.15
signal [adc counts]

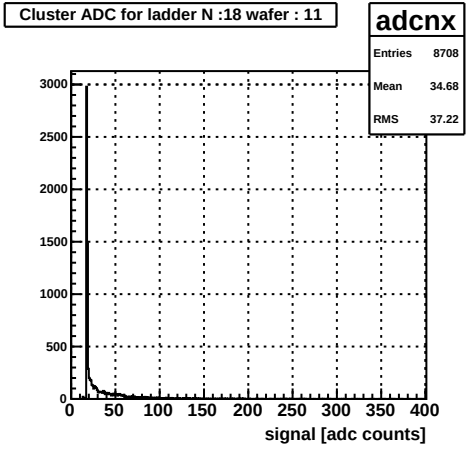

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3486
Mean 52.79
RMS 53.68
signal [adc counts]

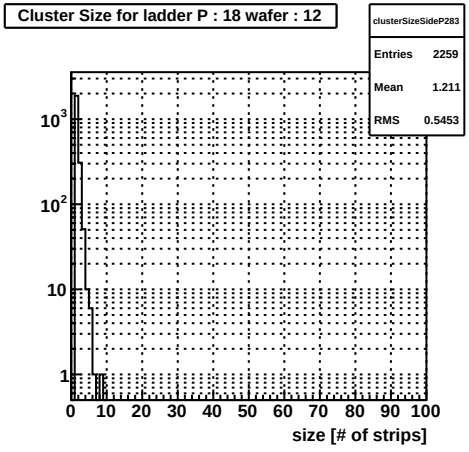

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14588
Mean 1.209
RMS 0.5948
size [# of strips]

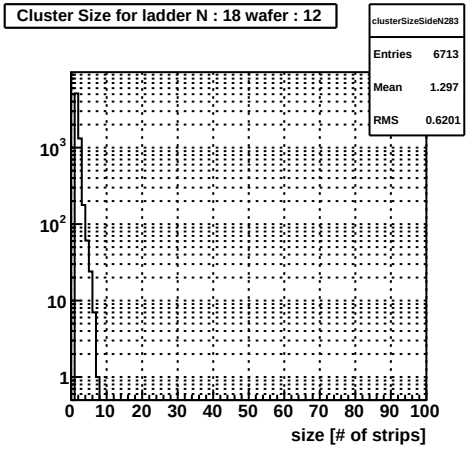

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 8708
Mean 1.138
RMS 0.47
size [# of strips]

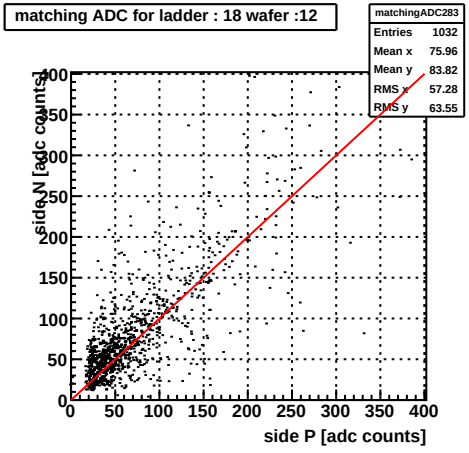

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1423
Mean x 50.8
Mean y 51.72
RMS x 48.41
RMS y 54.72
side N [adc counts]
side P [adc counts]

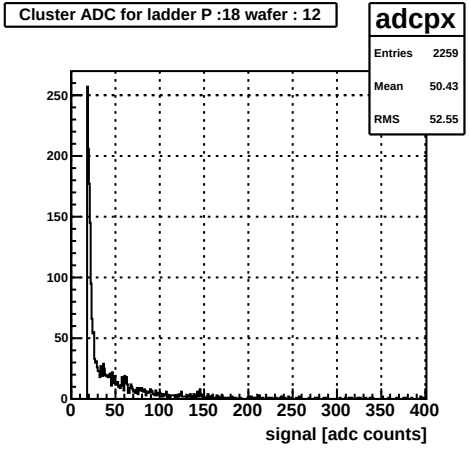

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14588
Mean 44.28
RMS 41.27
signal [adc counts]

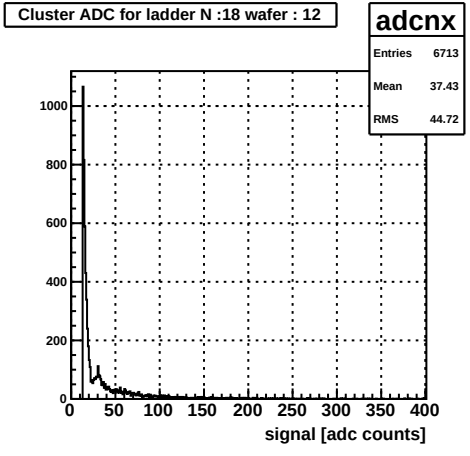

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 8708
Mean 34.68
RMS 37.22
signal [adc counts]

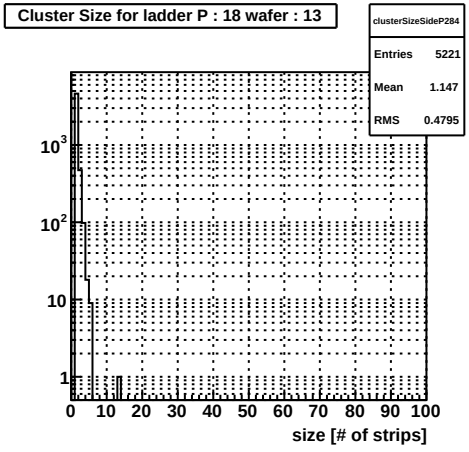

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2259
Mean 1.211
RMS 0.5453
size [# of strips]

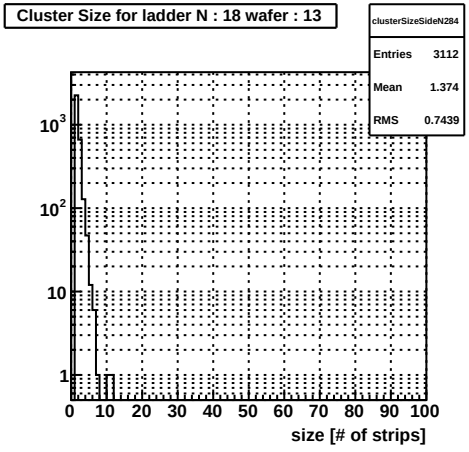

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6713
Mean 1.297
RMS 0.6201
size [# of strips]

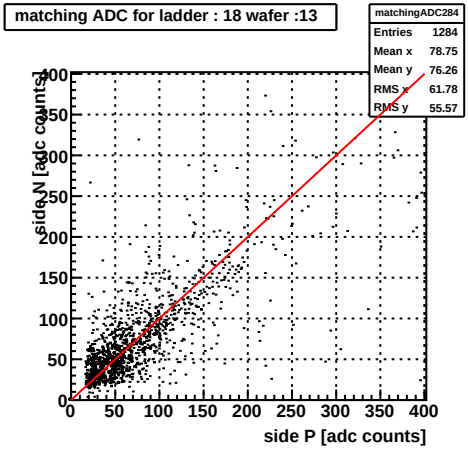

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1032
Mean x 75.96
Mean y 83.82
RMS x 57.28
RMS y 63.55
side N [adc counts]
side P [adc counts]

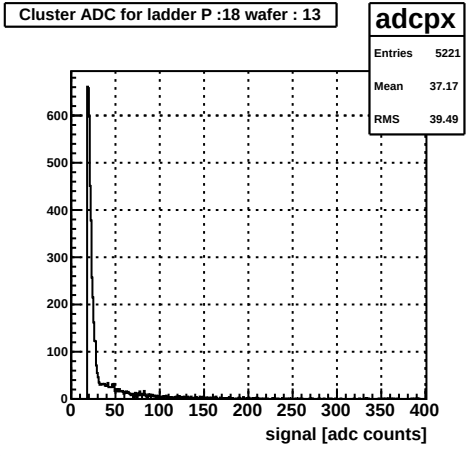

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2259
Mean 50.43
RMS 52.55
signal [adc counts]

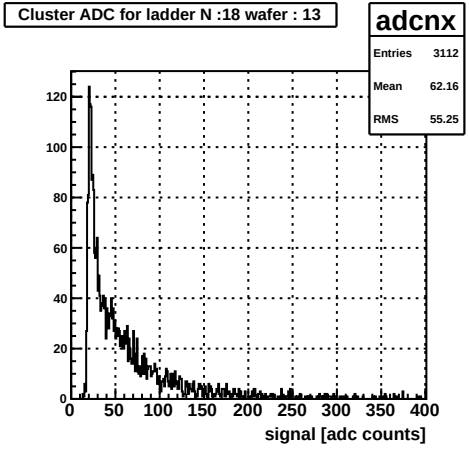

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6713
Mean 37.43
RMS 44.72
signal [adc counts]

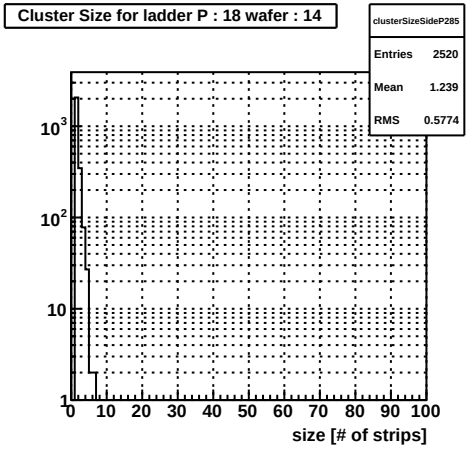

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5221
Mean 1.147
RMS 0.4795
size [# of strips]

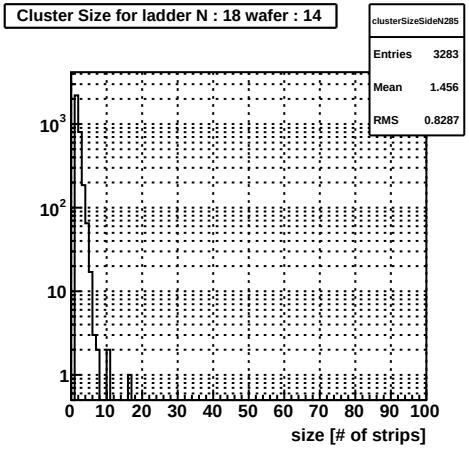

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3112
Mean 1.374
RMS 0.7439
size [# of strips]

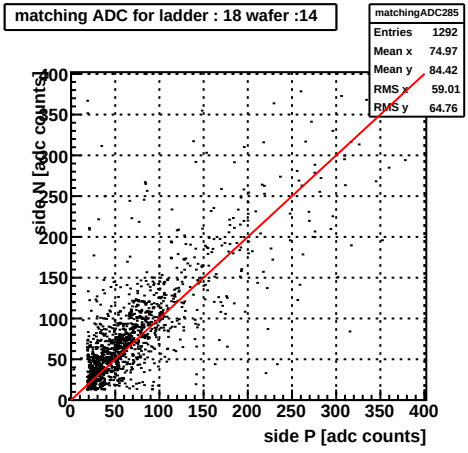

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1284
Mean x 78.75
Mean y 76.26
RMS x 61.78
RMS y 55.57
side N [adc counts]
side P [adc counts]

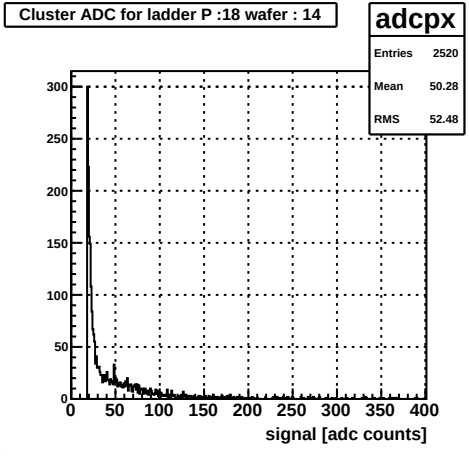

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5221
Mean 37.17
RMS 39.49
signal [adc counts]

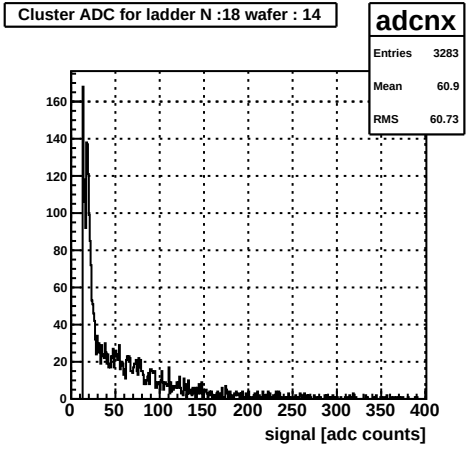

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3112
Mean 62.16
RMS 55.25
signal [adc counts]

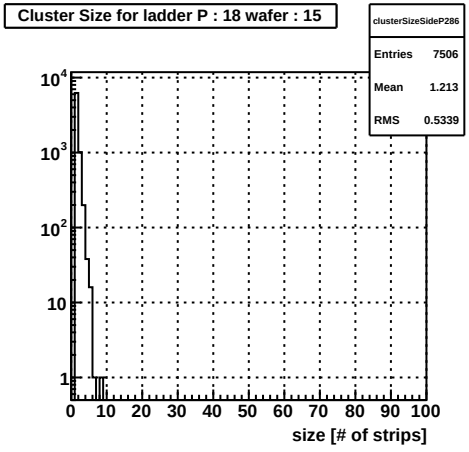

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2520
Mean 1.239
RMS 0.5774
size [# of strips]

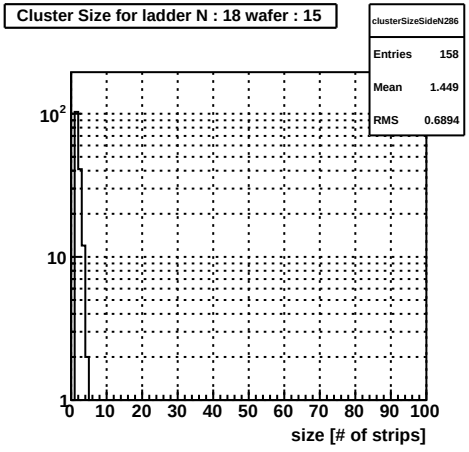

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3283
Mean 1.456
RMS 0.8287
size [# of strips]

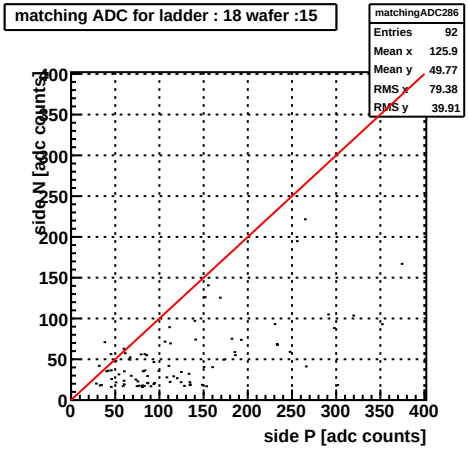

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1292
Mean x 74.97
Mean y 84.42
RMS x 59.01
RMS y 64.76
side N [adc counts]
side P [adc counts]

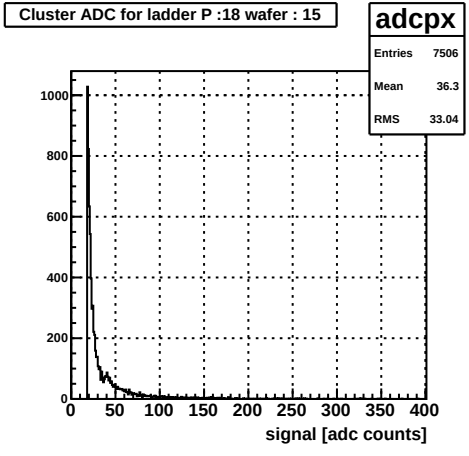

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2520
Mean 50.28
RMS 52.48
signal [adc counts]

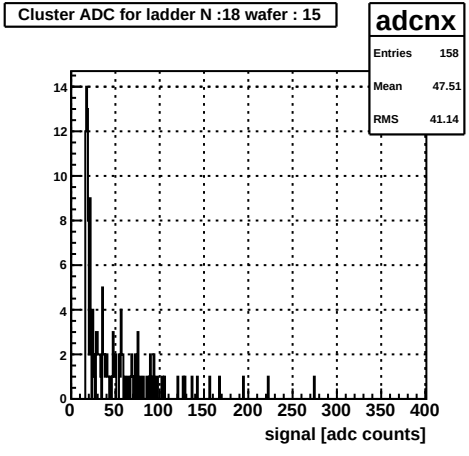

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3283
Mean 60.9
RMS 60.73
signal [adc counts]

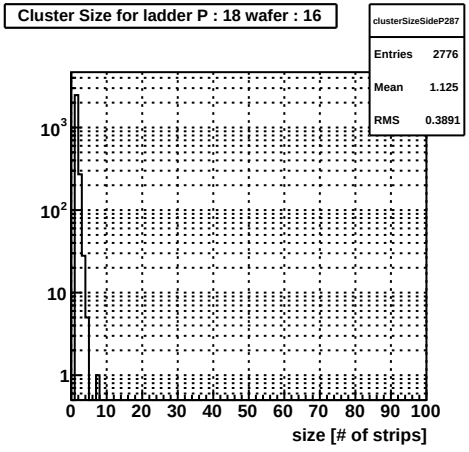

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7506
Mean 1.213
RMS 0.5339
size [# of strips]

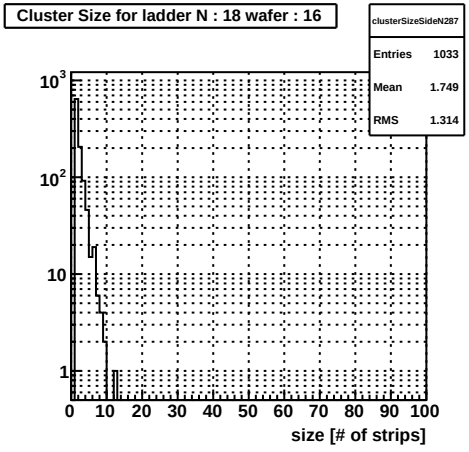

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 158
Mean 1.449
RMS 0.6894
size [# of strips]

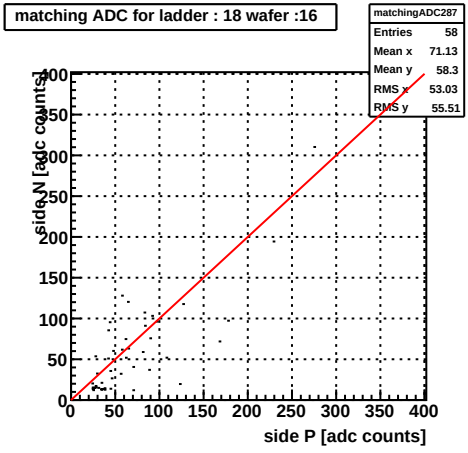

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 92
Mean x 125.9
Mean y 49.77
RMS x 79.38
RMS y 39.91
side N [adc counts]
side P [adc counts]

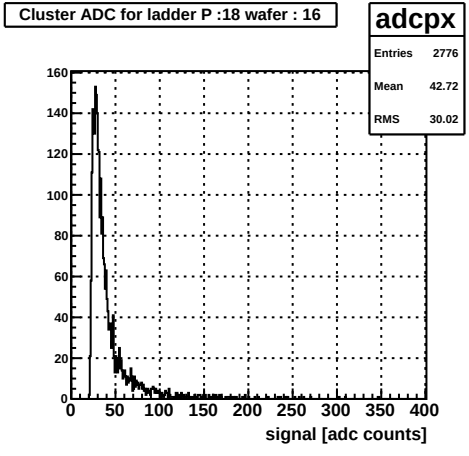

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7506
Mean 36.3
RMS 33.04
signal [adc counts]

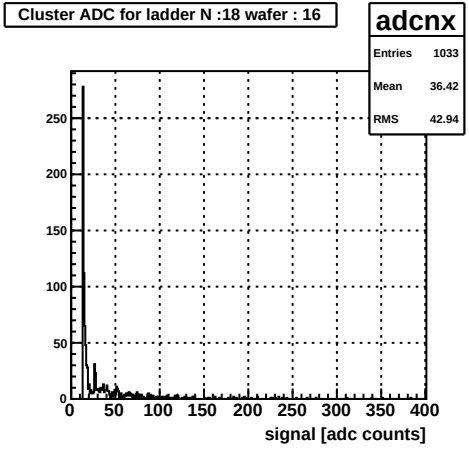

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 158
Mean 47.51
RMS 41.14
signal [adc counts]

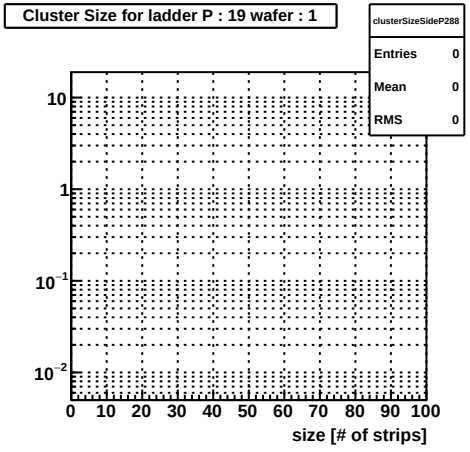

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2776
Mean 1.125
RMS 0.3891
size [# of strips]

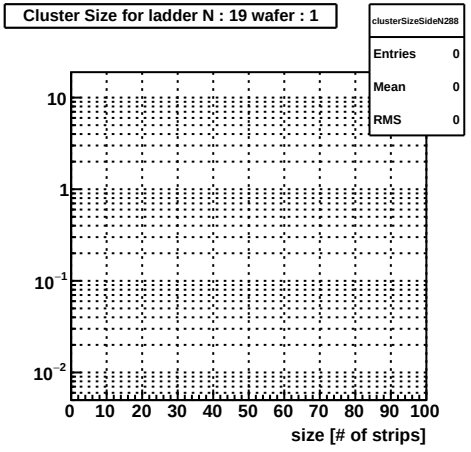

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1033
Mean 1.749
RMS 1.314
size [# of strips]

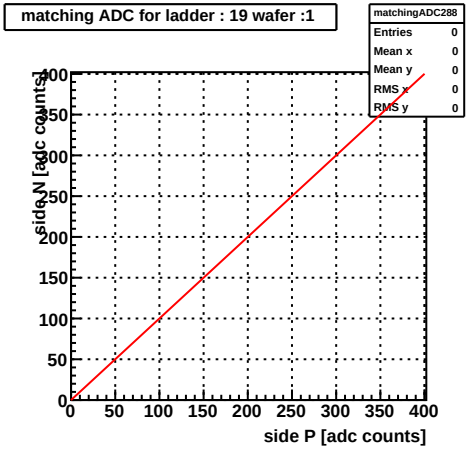

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 58
Mean x 71.13
Mean y 58.3
RMS x 53.03
RMS y 55.51
side N [adc counts]
side P [adc counts]

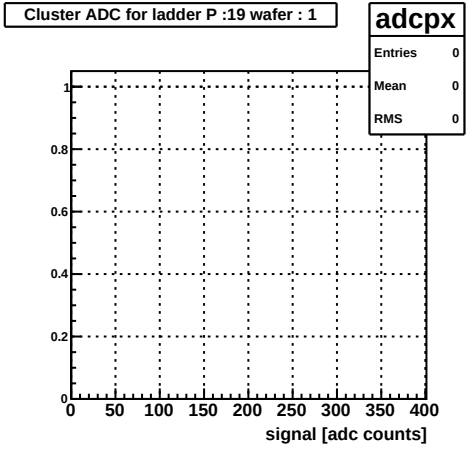

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2776
Mean 42.72
RMS 30.02
signal [adc counts]

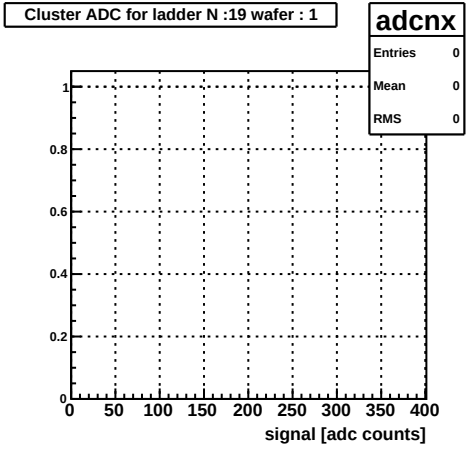

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1033
Mean 36.42
RMS 42.94
signal [adc counts]

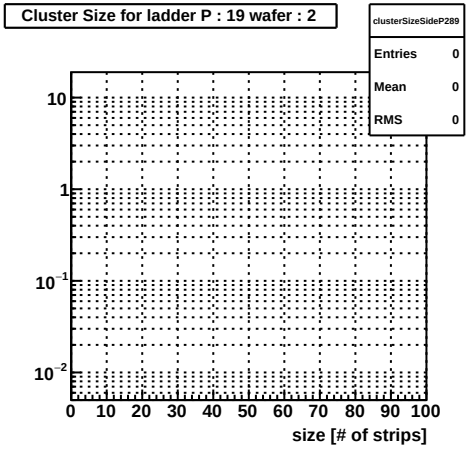

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

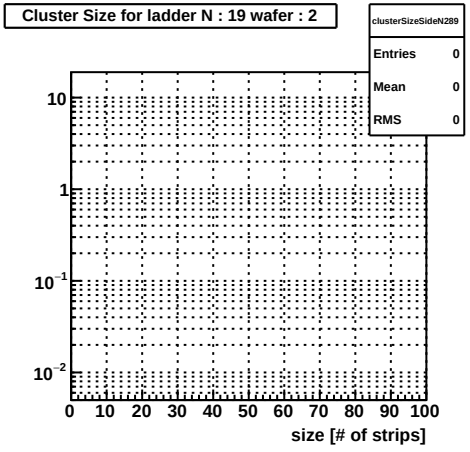

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

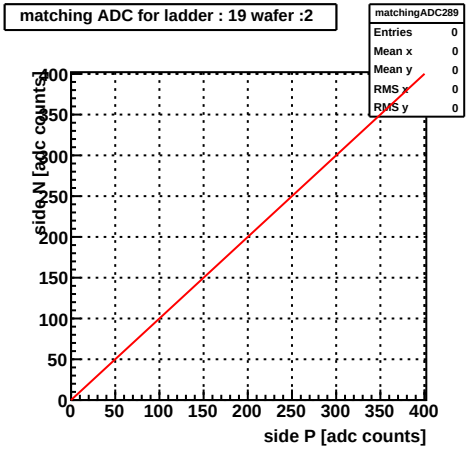

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

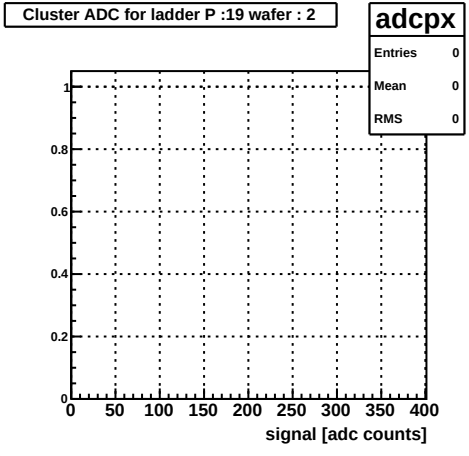

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

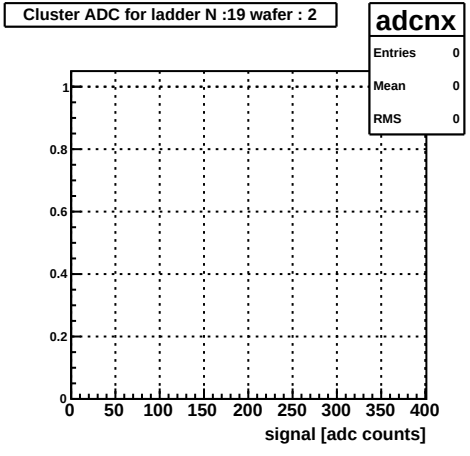

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

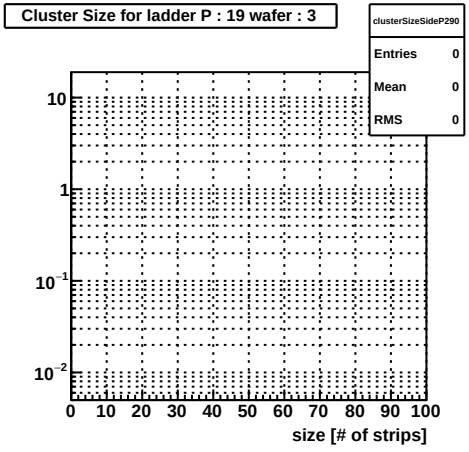

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

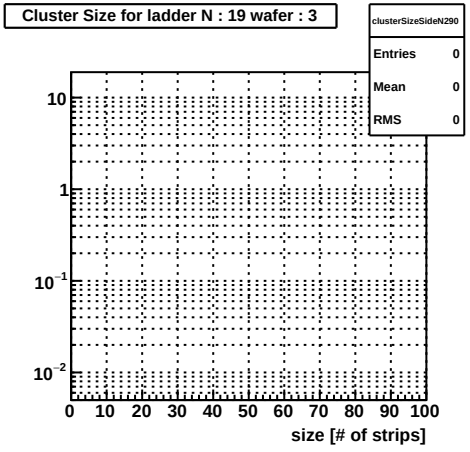

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

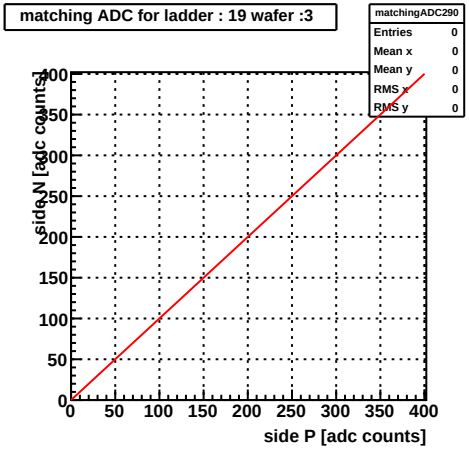

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

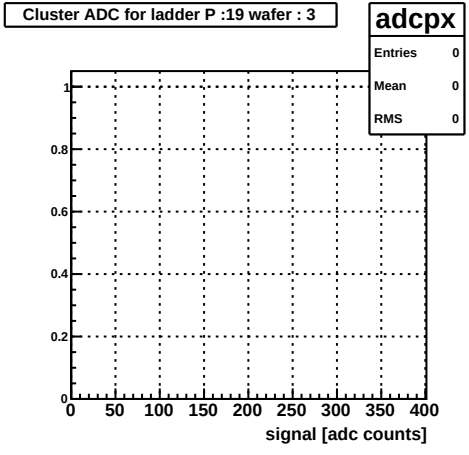

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

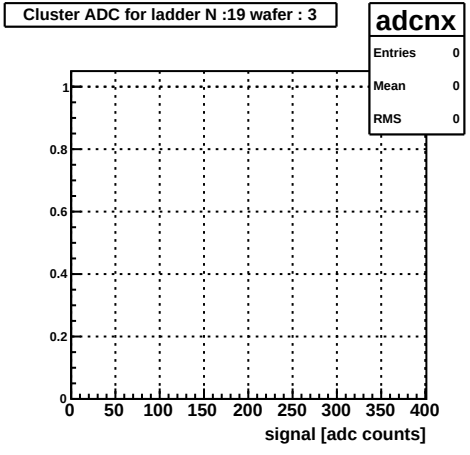

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

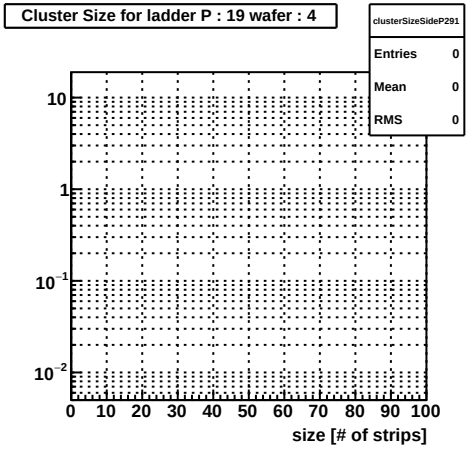

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

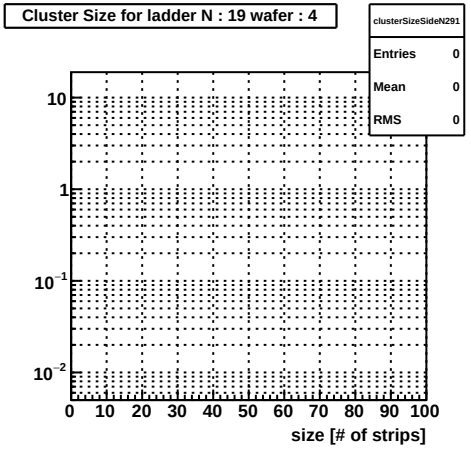

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

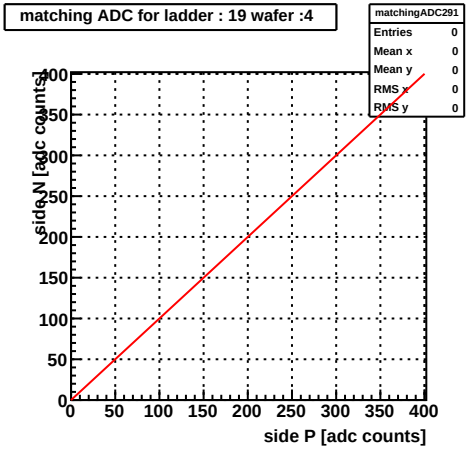

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

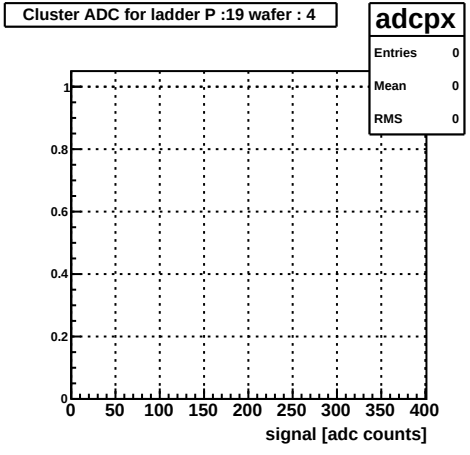

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

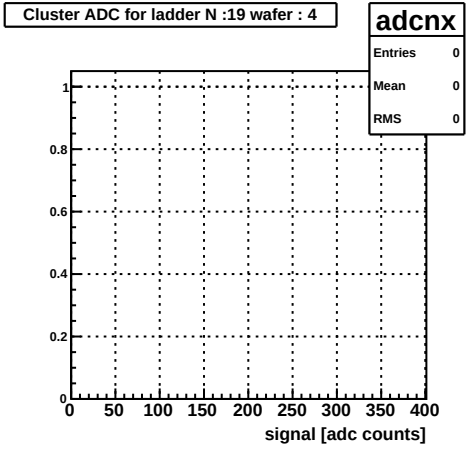

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

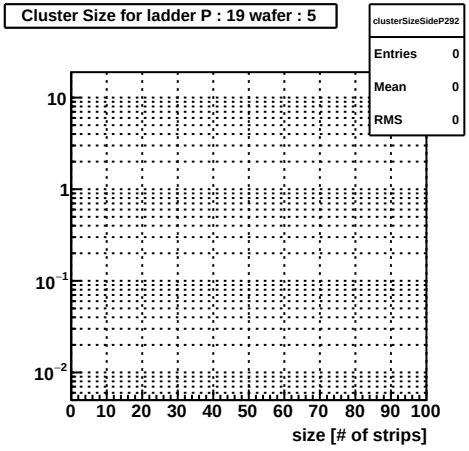

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

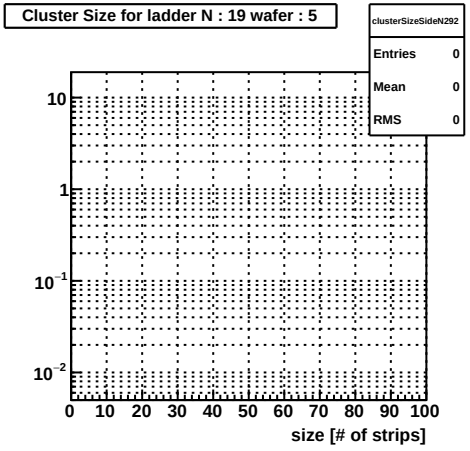

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

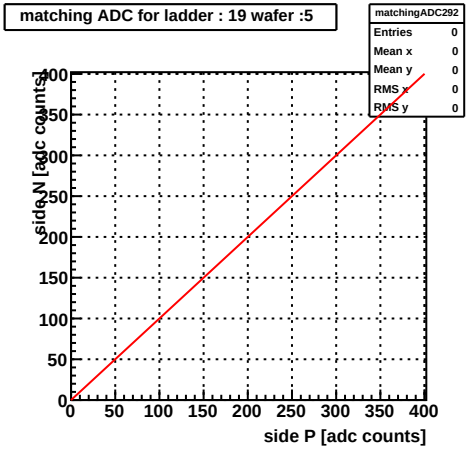

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

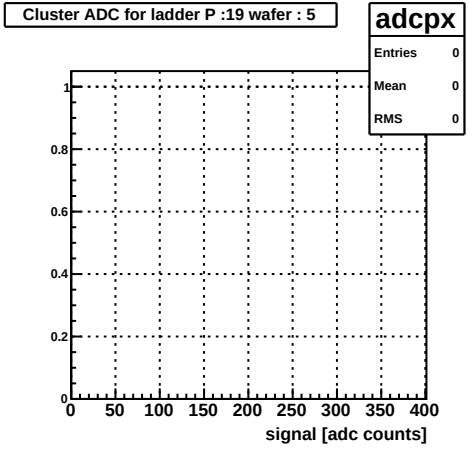

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

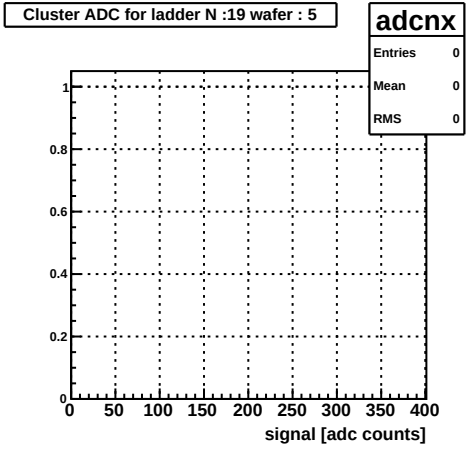

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

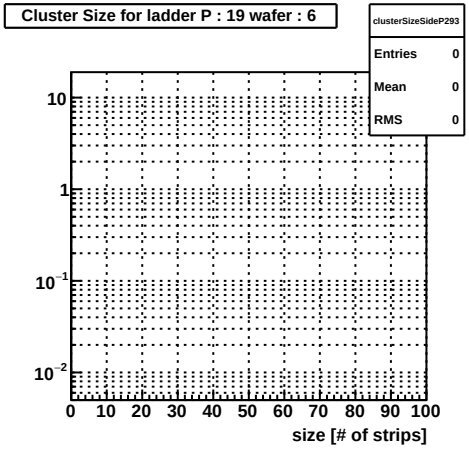

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

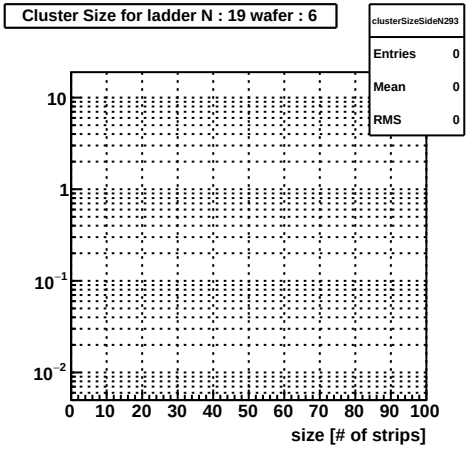

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

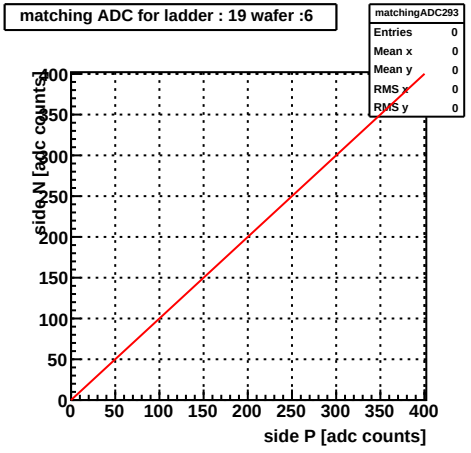

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

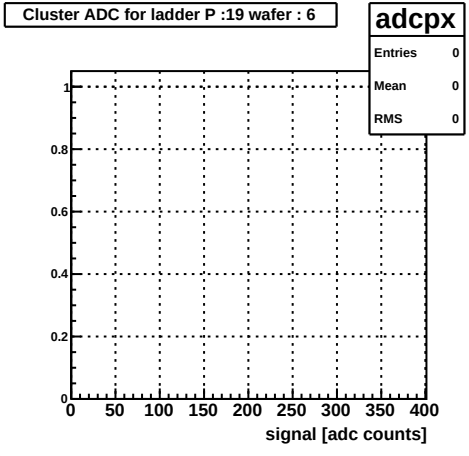

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

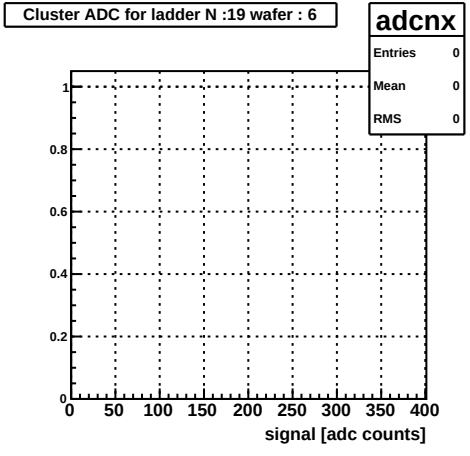

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

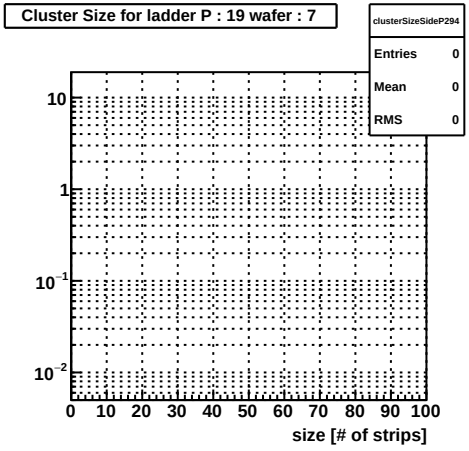

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

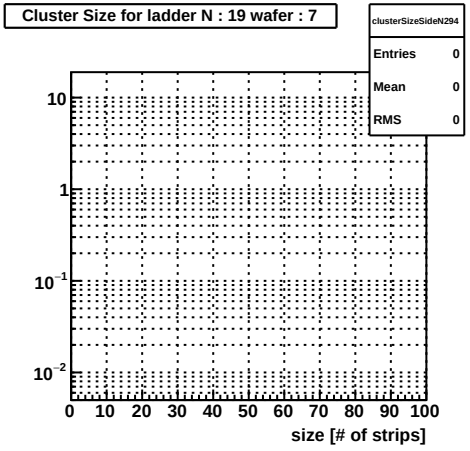

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

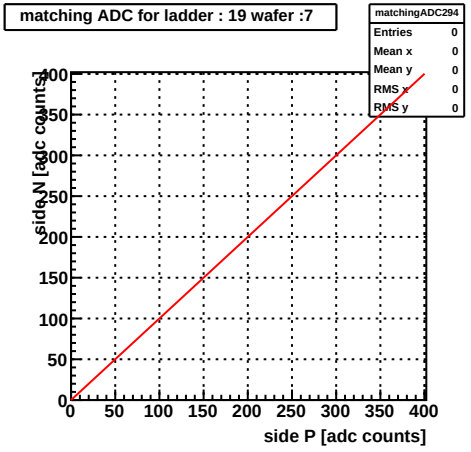

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

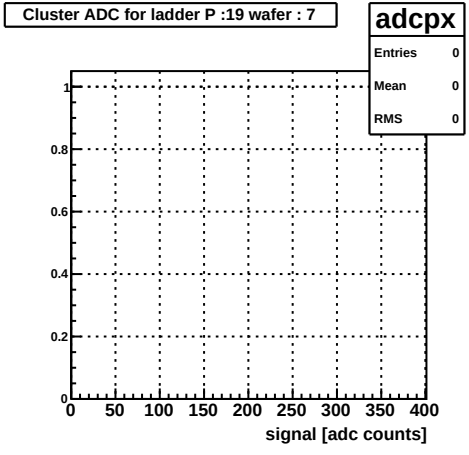

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

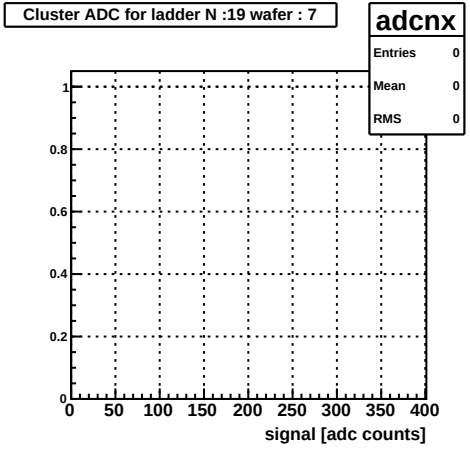

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

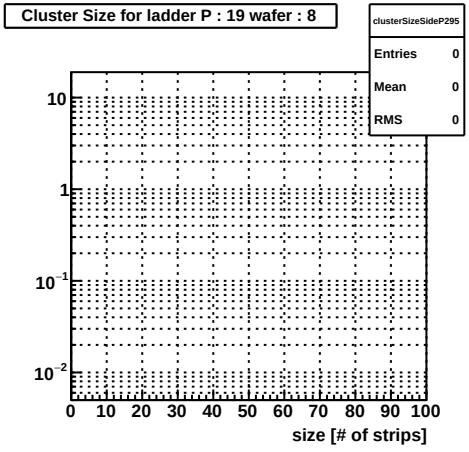

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

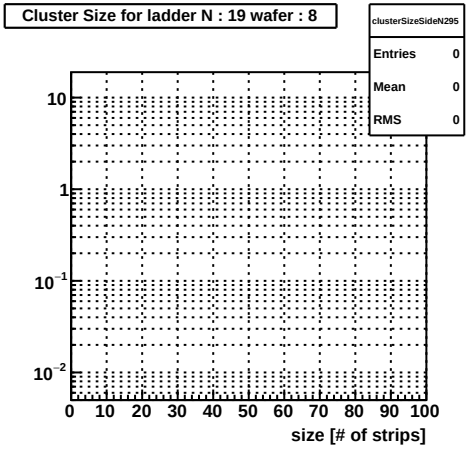

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

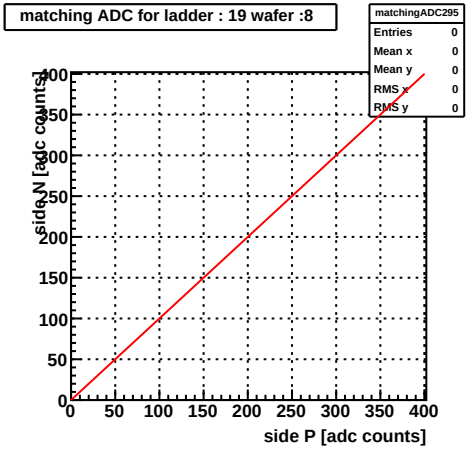

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

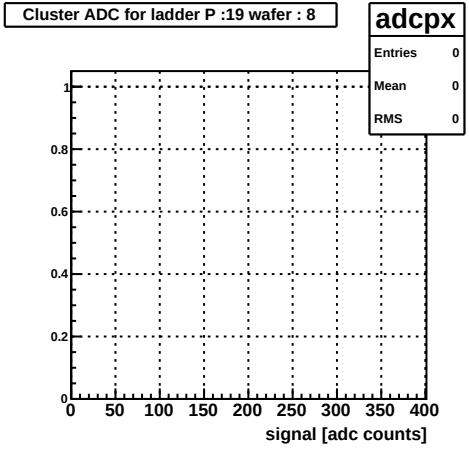

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

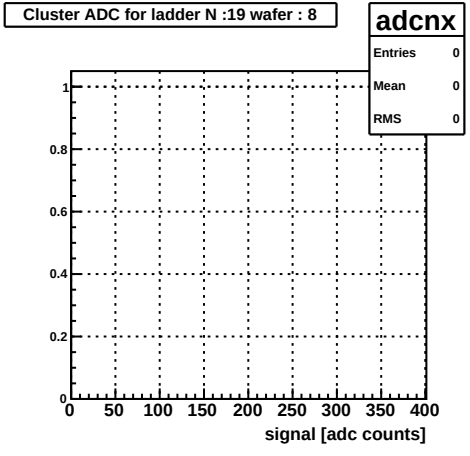

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

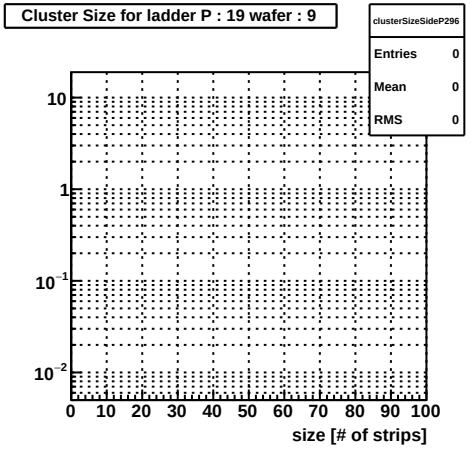

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

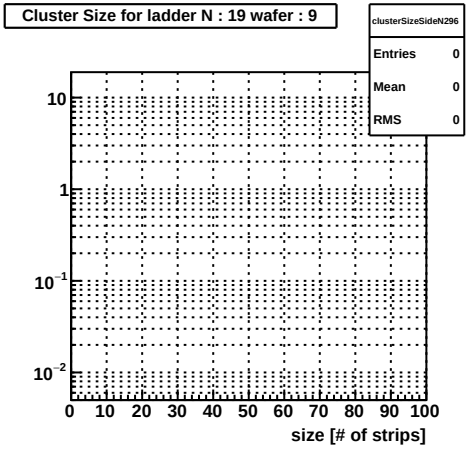

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

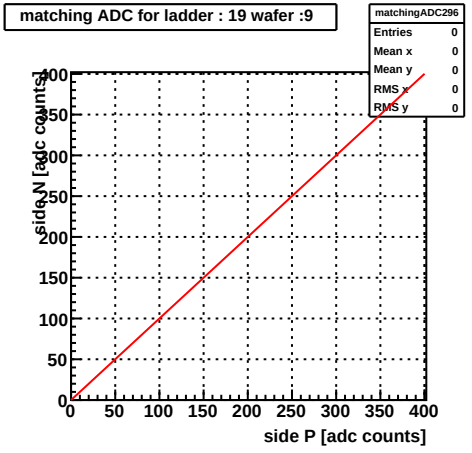

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

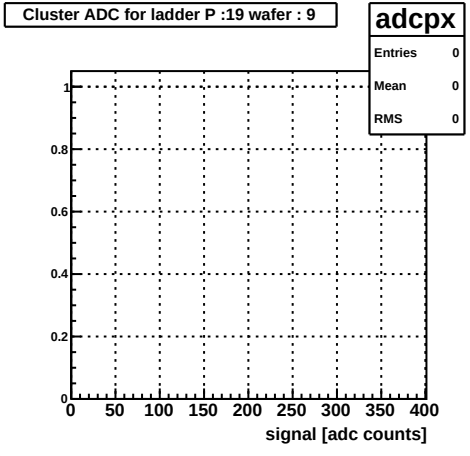

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

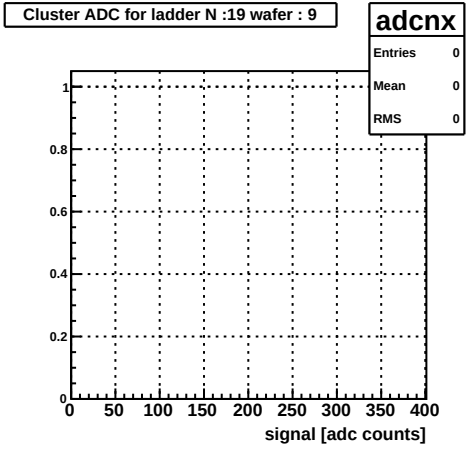

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

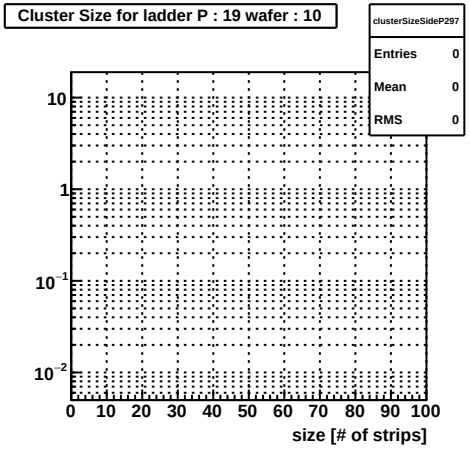

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

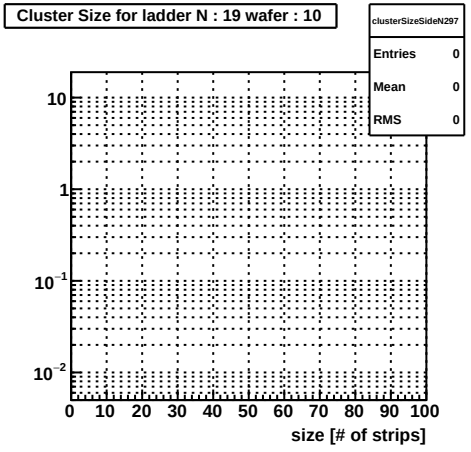

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

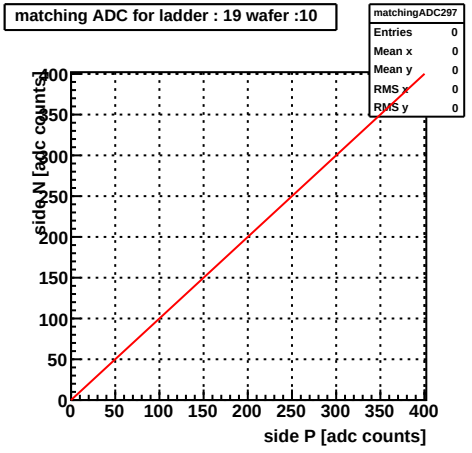

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

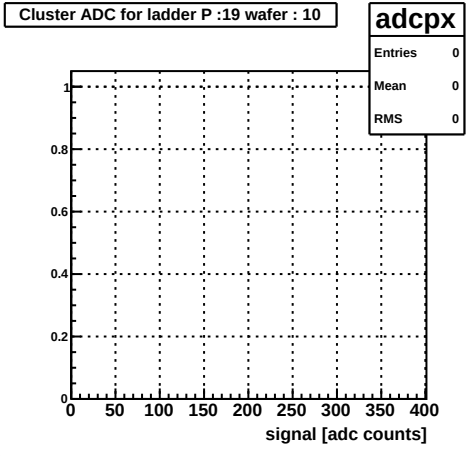

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

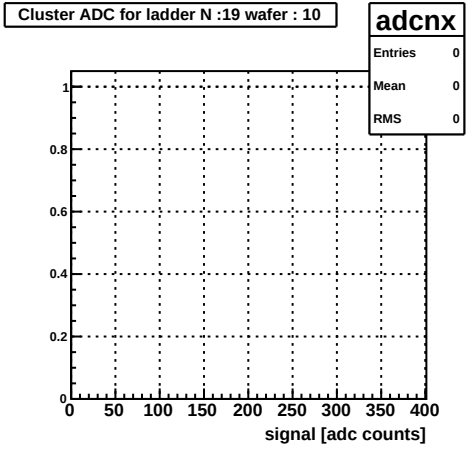

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

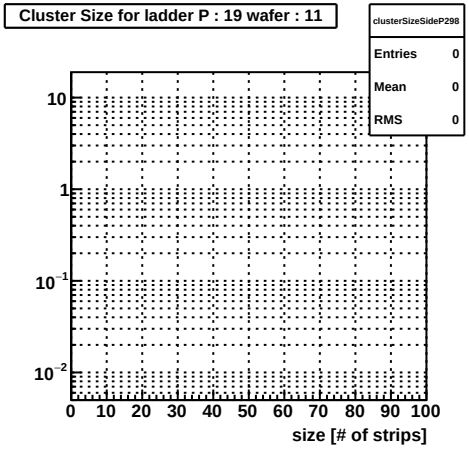

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

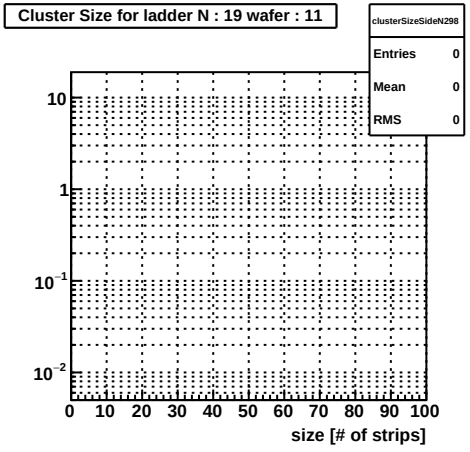

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

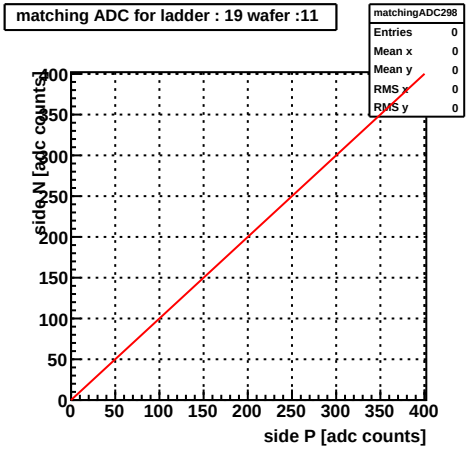

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

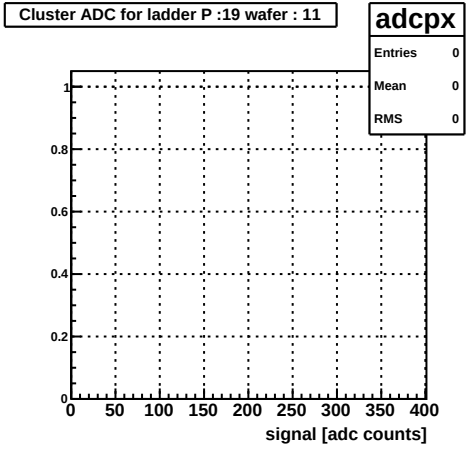

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

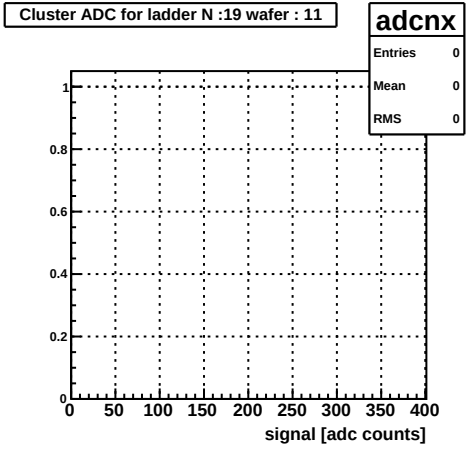

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

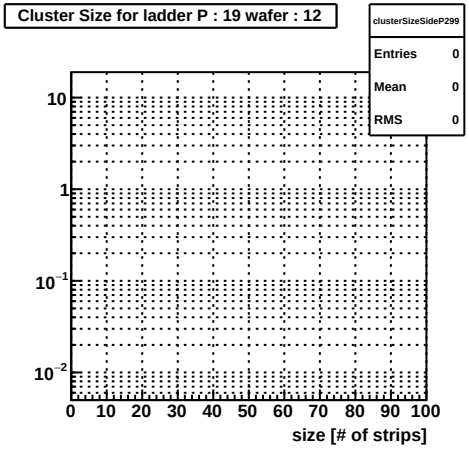

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

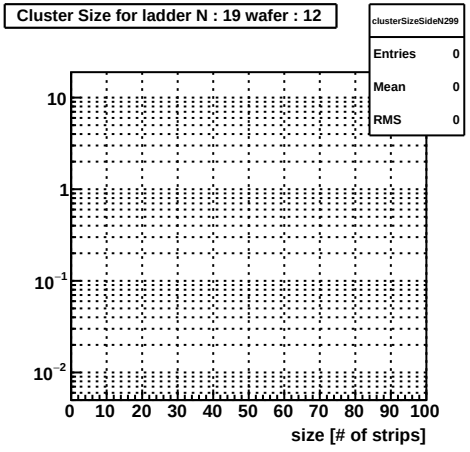

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

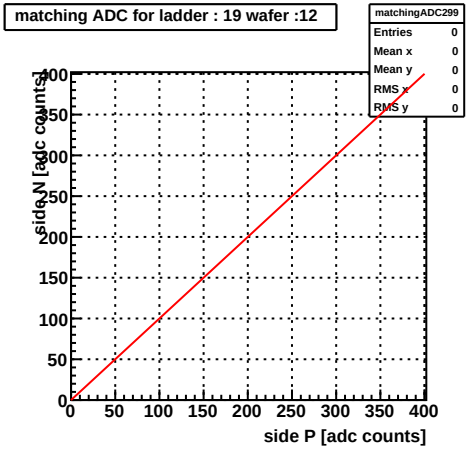

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

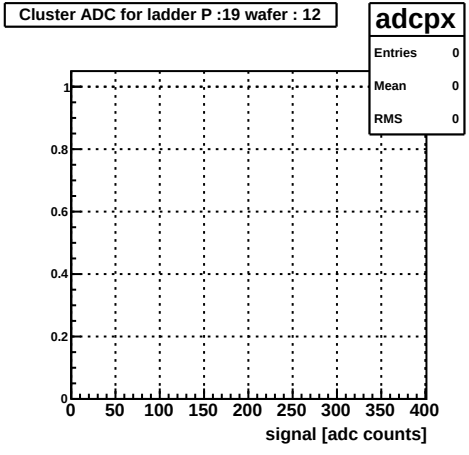

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

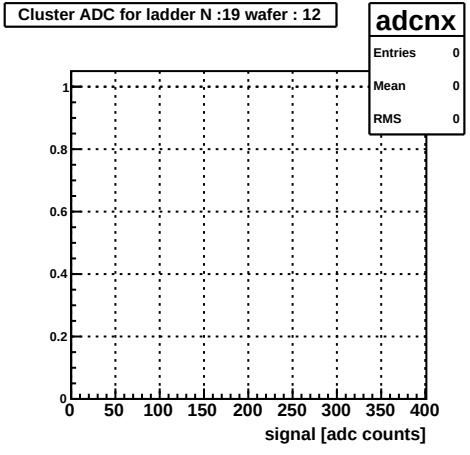

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

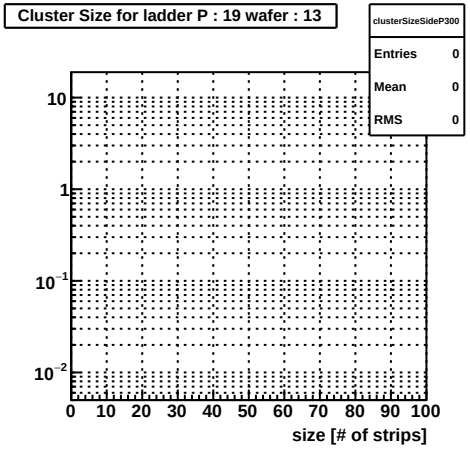

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

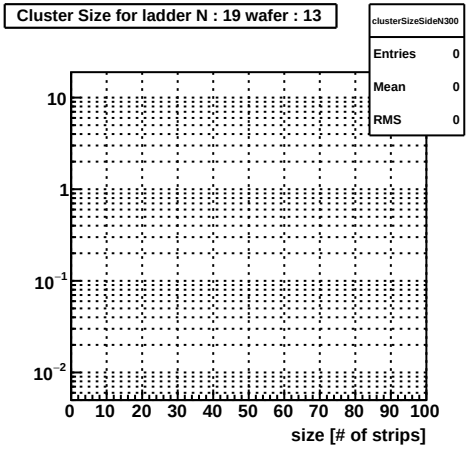

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

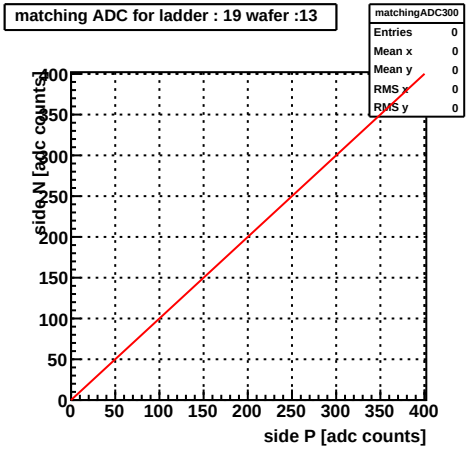

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

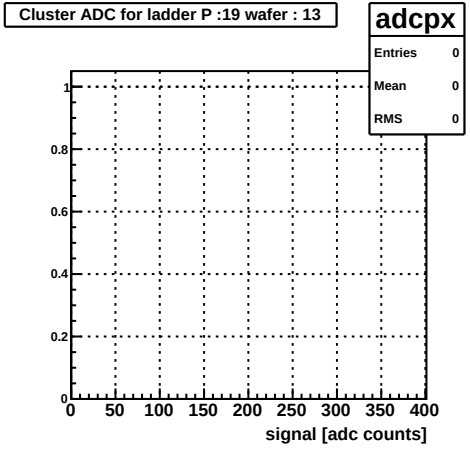

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

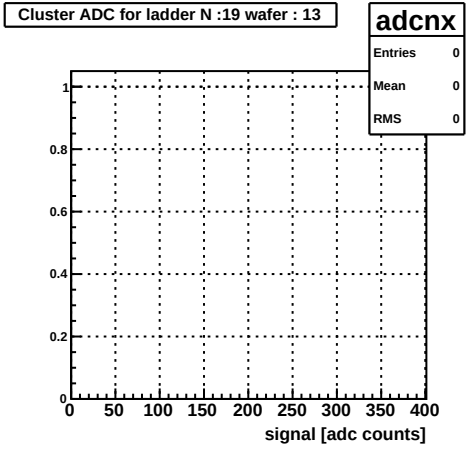

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

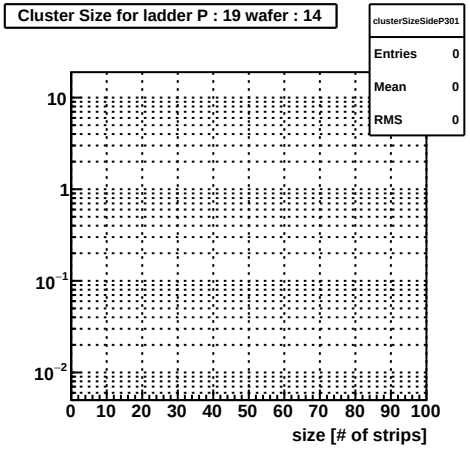

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

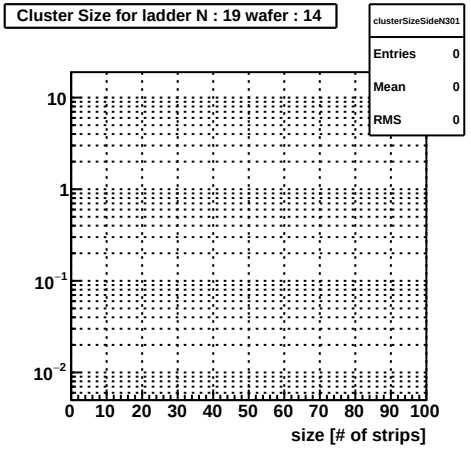

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

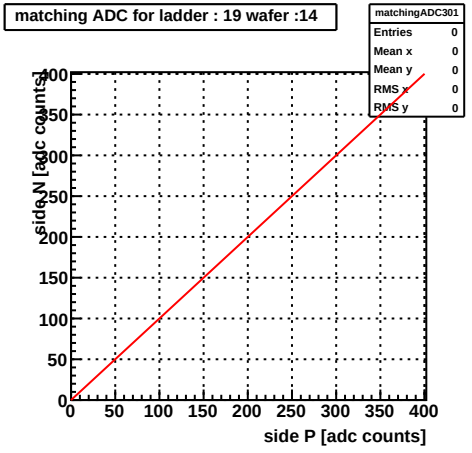

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

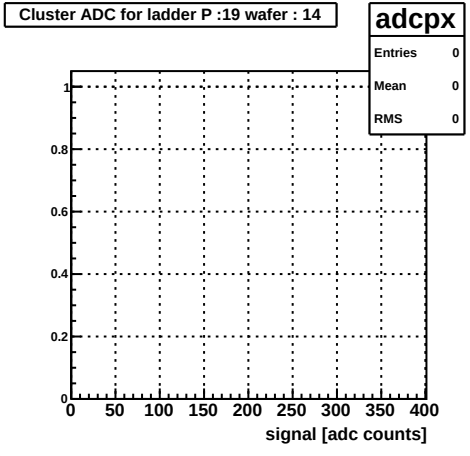

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

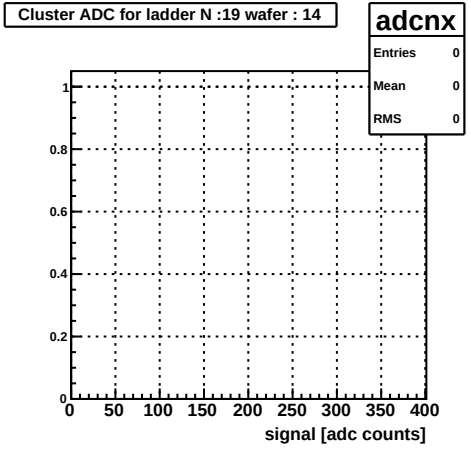

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

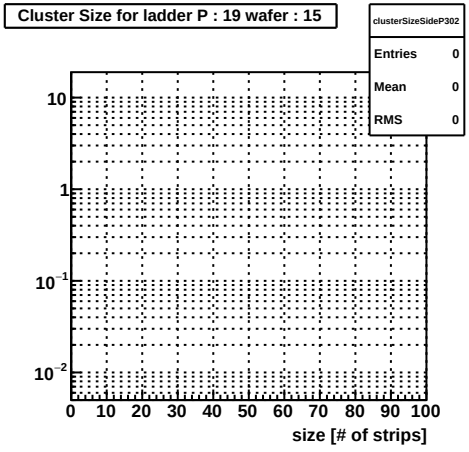

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

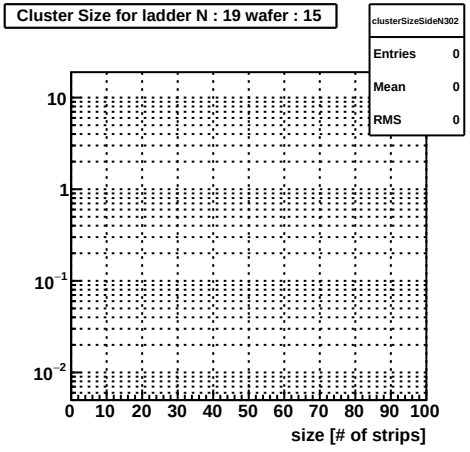

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

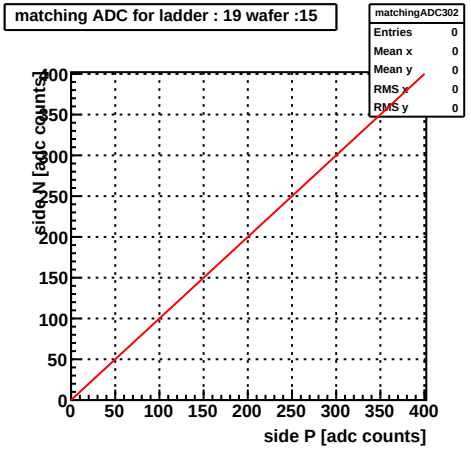

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

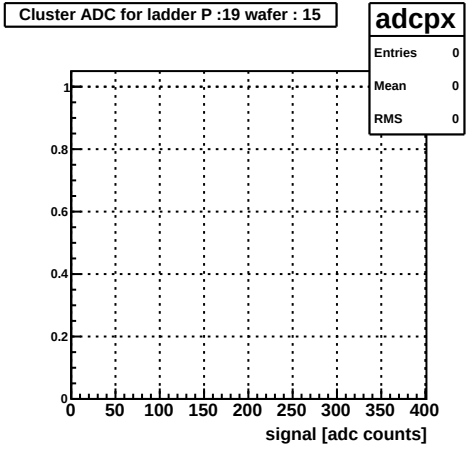

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

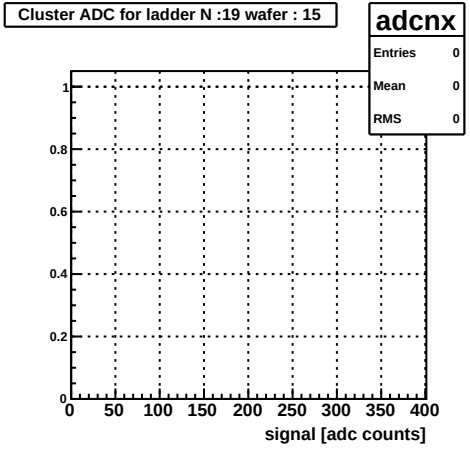

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

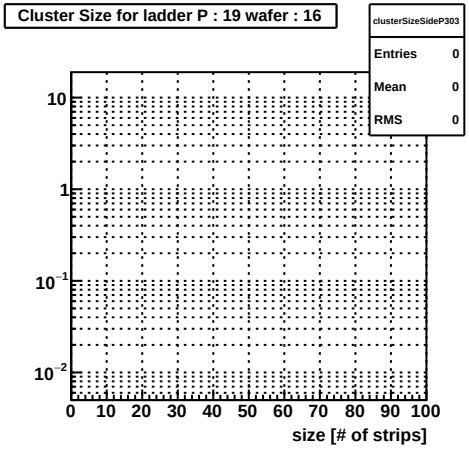

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

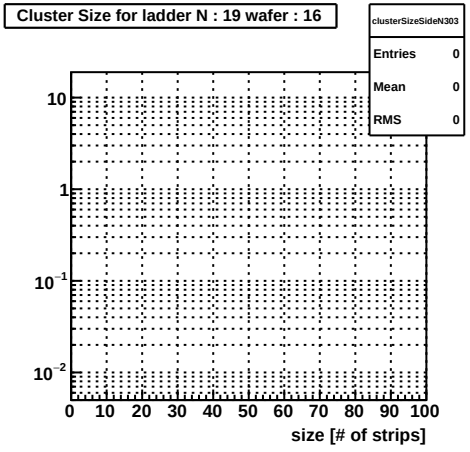

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

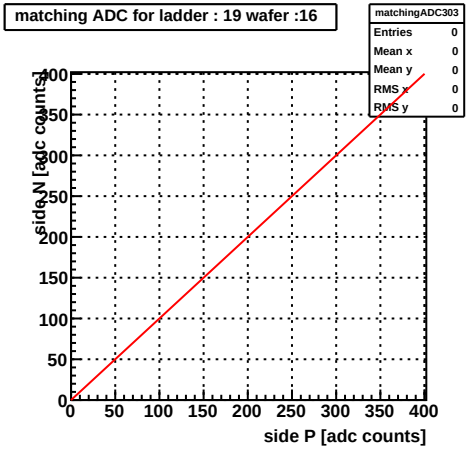

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

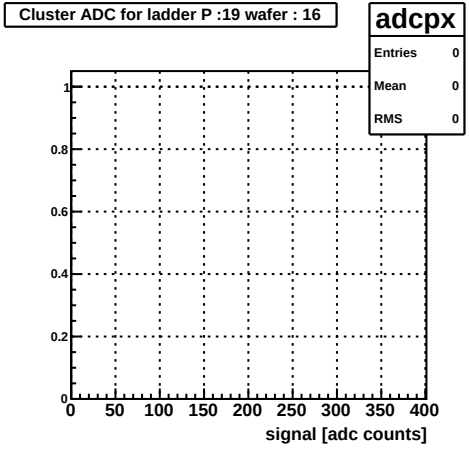

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

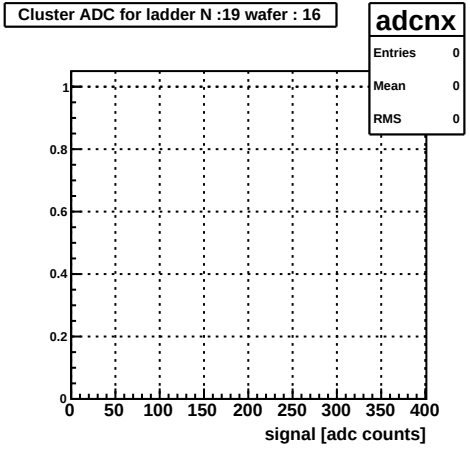

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

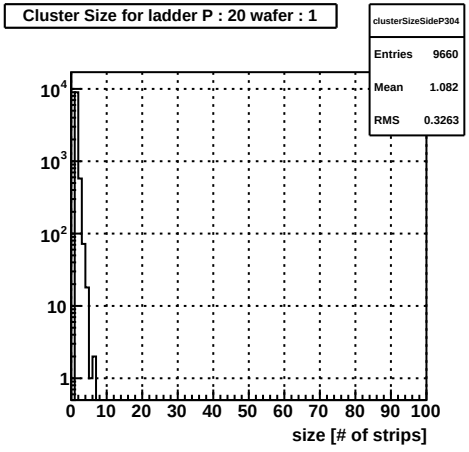

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

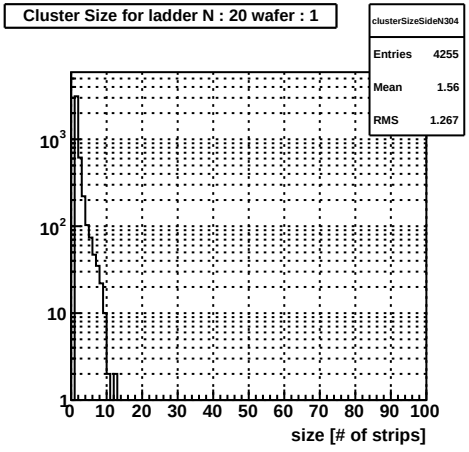

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

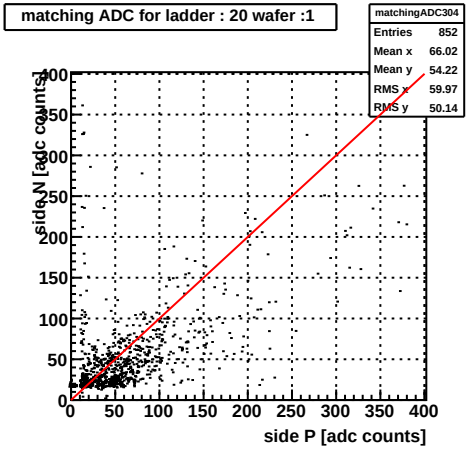

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

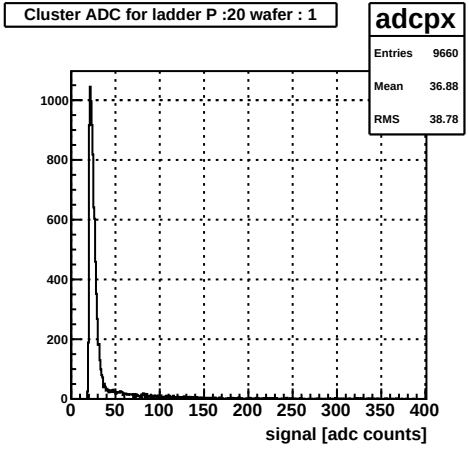

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

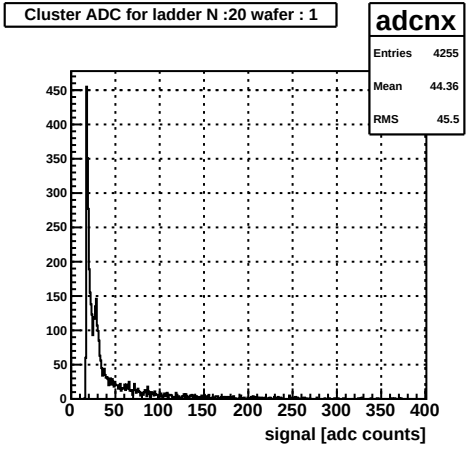

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

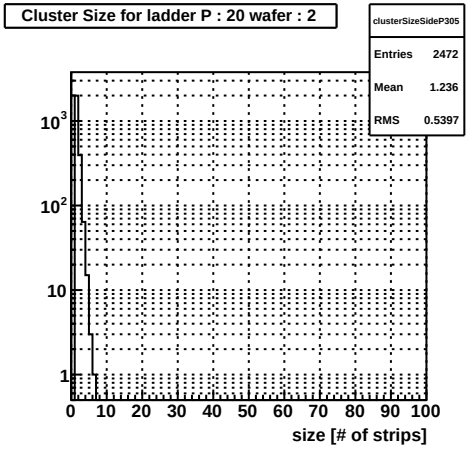

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9660
Mean 1.082
RMS 0.3263
size [# of strips]

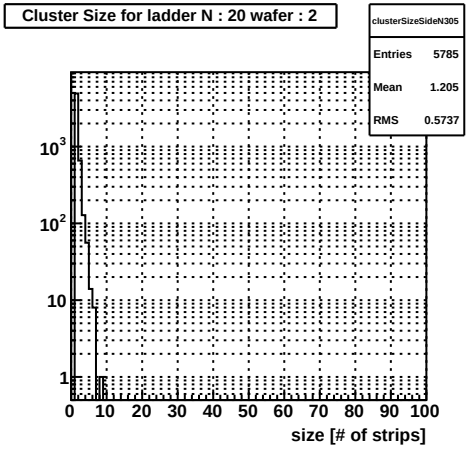

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4255
Mean 1.56
RMS 1.267
size [# of strips]

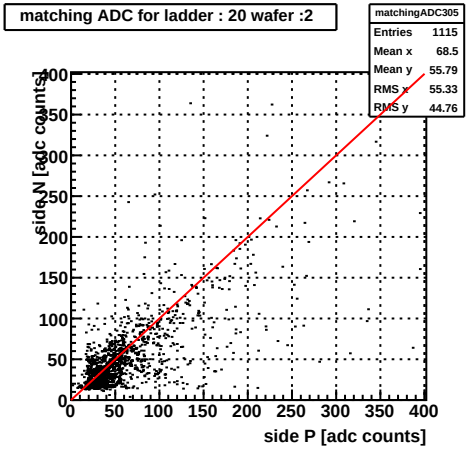

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 852
Mean x 66.02
Mean y 54.22
RMS x 59.97
RMS y 50.14
side N [adc counts]
side P [adc counts]

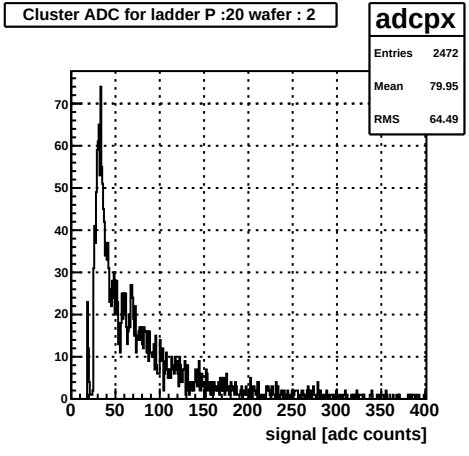

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9660
Mean 36.88
RMS 38.78
signal [adc counts]

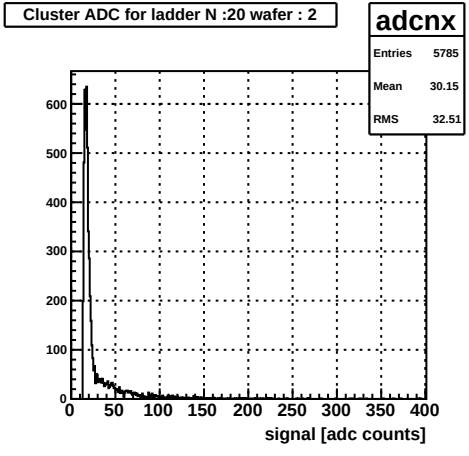

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4255
Mean 44.36
RMS 45.5
signal [adc counts]

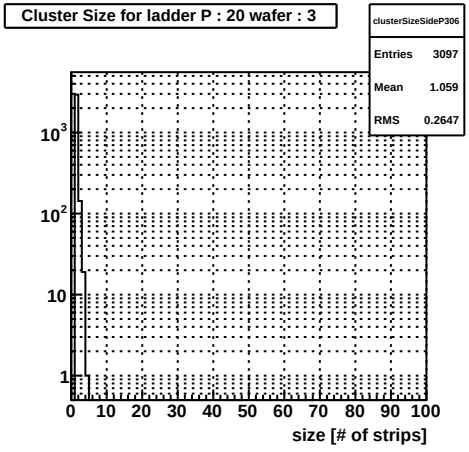

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2472
Mean 1.236
RMS 0.5397
size [# of strips]

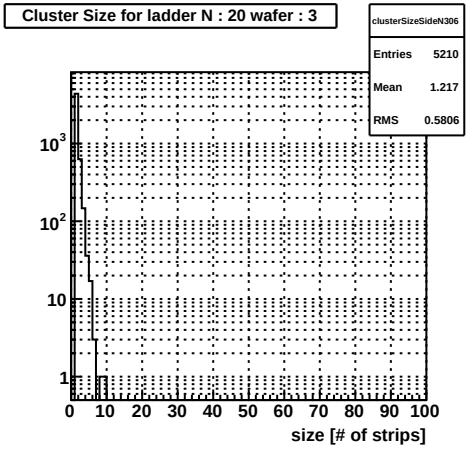

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5785
Mean 1.205
RMS 0.5737
size [# of strips]

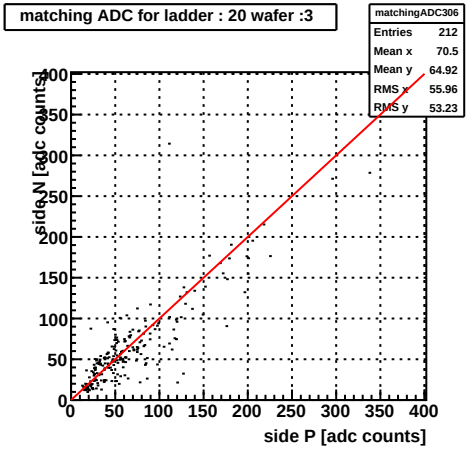

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1115
Mean x 68.5
Mean y 55.79
RMS x 55.33
RMS y 44.76
side N [adc counts]
side P [adc counts]

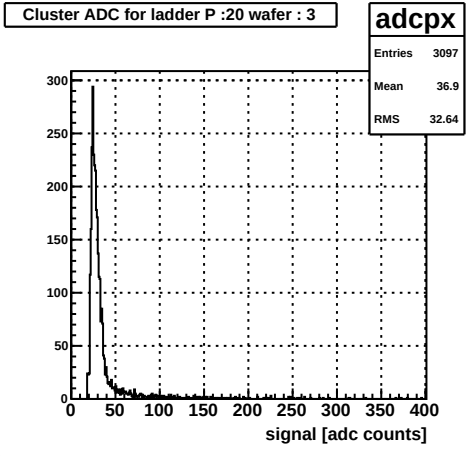

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2472
Mean 79.95
RMS 64.49
signal [adc counts]

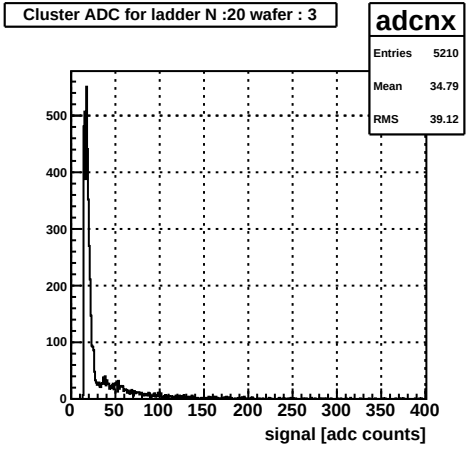

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5785
Mean 30.15
RMS 32.51
signal [adc counts]

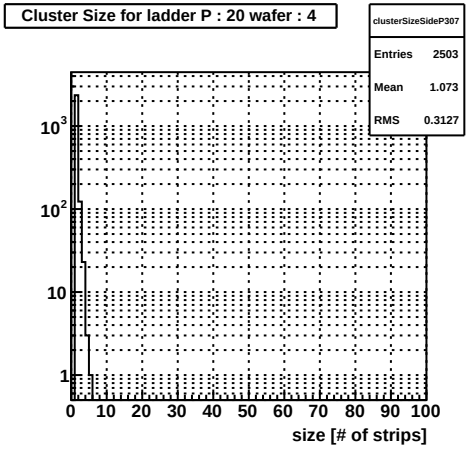

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3097
Mean 1.059
RMS 0.2647
size [# of strips]

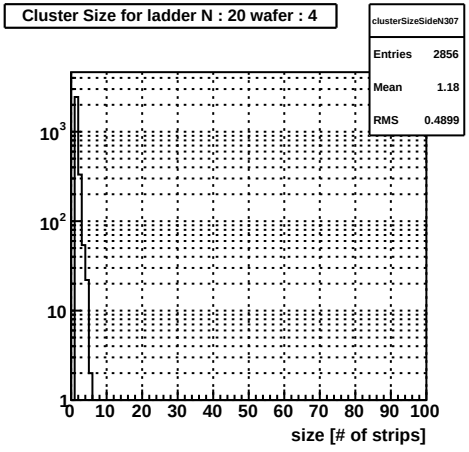

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5210
Mean 1.217
RMS 0.5806
size [# of strips]

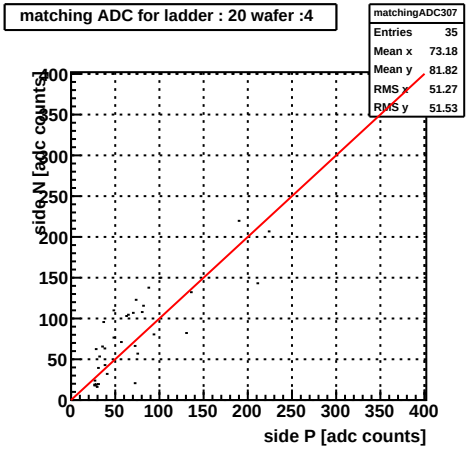

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 212
Mean x 70.5
Mean y 64.92
RMS x 55.96
RMS y 53.23
side N [adc counts]
side P [adc counts]

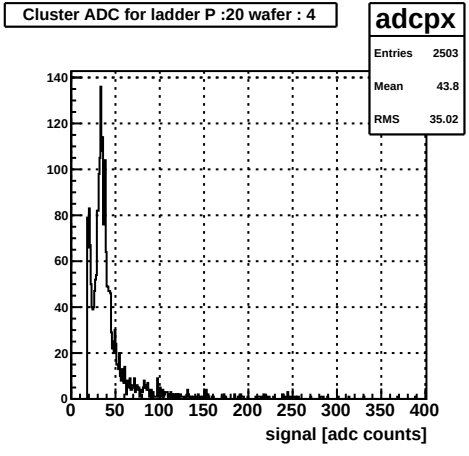

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3097
Mean 36.9
RMS 32.64
signal [adc counts]

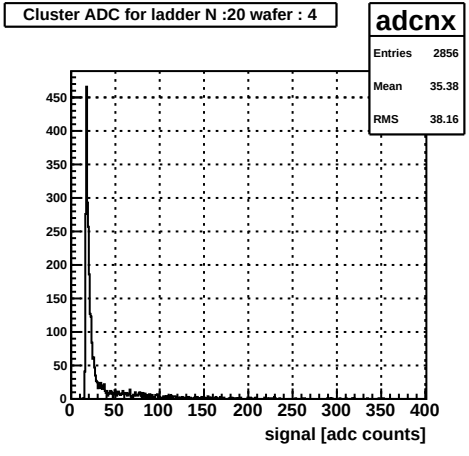

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5210
Mean 34.79
RMS 39.12
signal [adc counts]

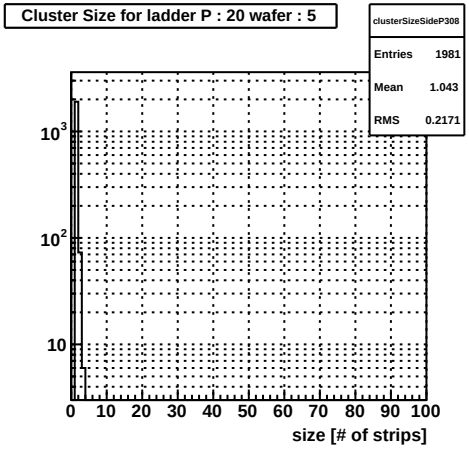

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2503
Mean 1.073
RMS 0.3127
size [# of strips]

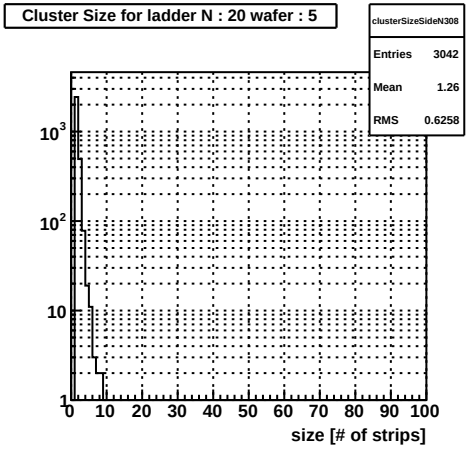

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2856
Mean 1.18
RMS 0.4899
size [# of strips]

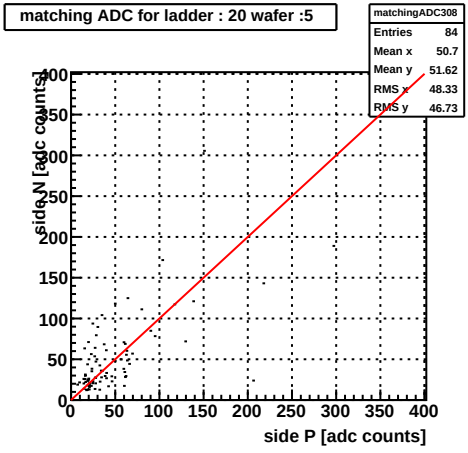

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 35
Mean x 73.18
Mean y 81.82
RMS x 51.27
RMS y 51.53
side N [adc counts]
side P [adc counts]

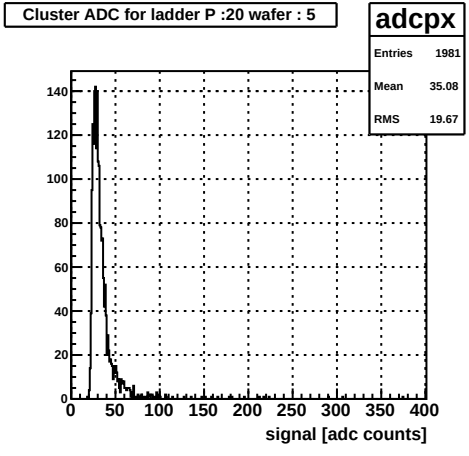

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2503
Mean 43.8
RMS 35.02
signal [adc counts]

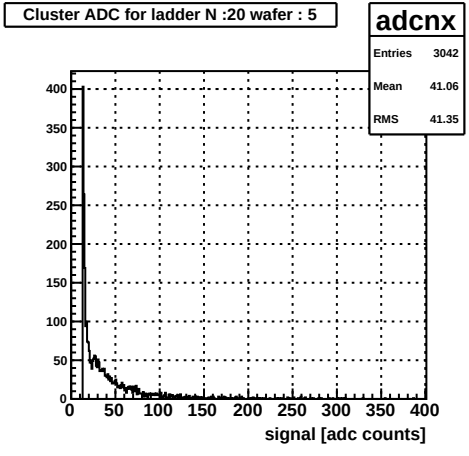

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2856
Mean 35.38
RMS 38.16
signal [adc counts]

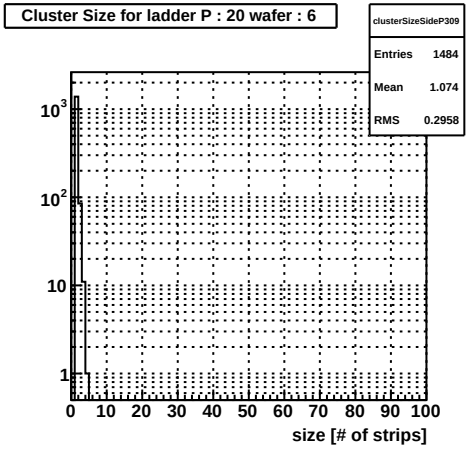

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1981
Mean 1.043
RMS 0.2171
size [# of strips]

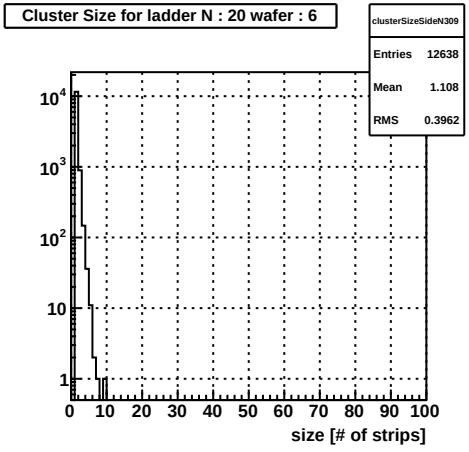

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3042
Mean 1.26
RMS 0.6258
size [# of strips]

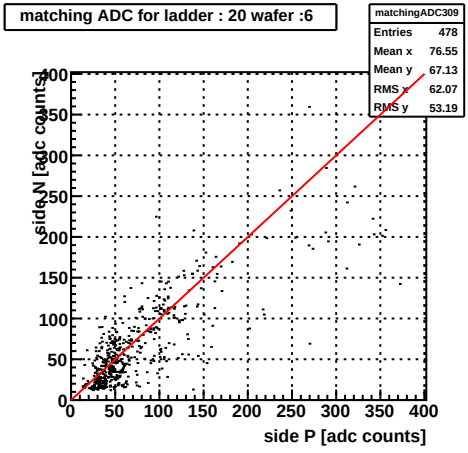

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 84
Mean x 50.7
Mean y 51.62
RMS x 48.33
RMS y 46.73
side N [adc counts]
side P [adc counts]

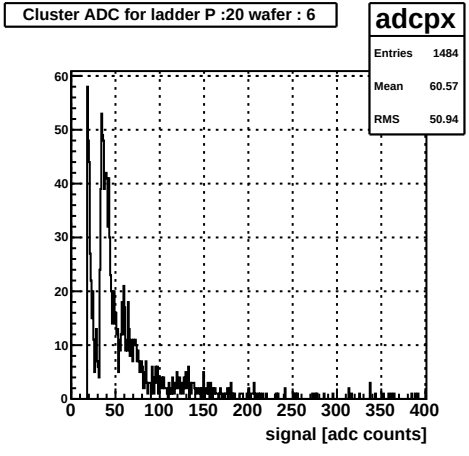

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1981
Mean 35.08
RMS 19.67
signal [adc counts]

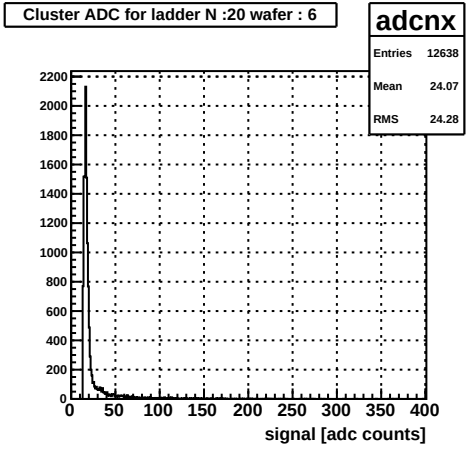

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3042
Mean 41.06
RMS 41.35
signal [adc counts]

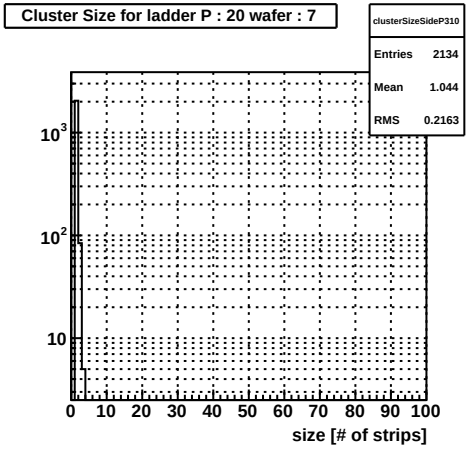

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1484
Mean 1.074
RMS 0.2958
size [# of strips]

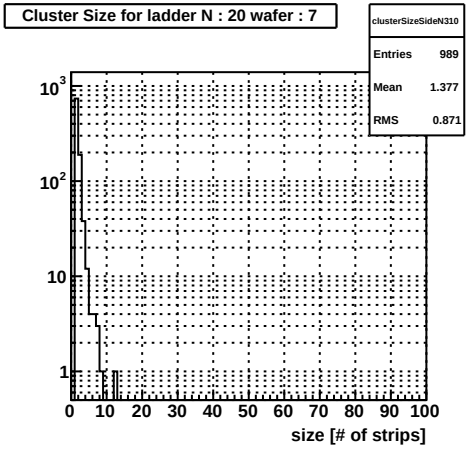

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12638
Mean 1.108
RMS 0.3962
size [# of strips]

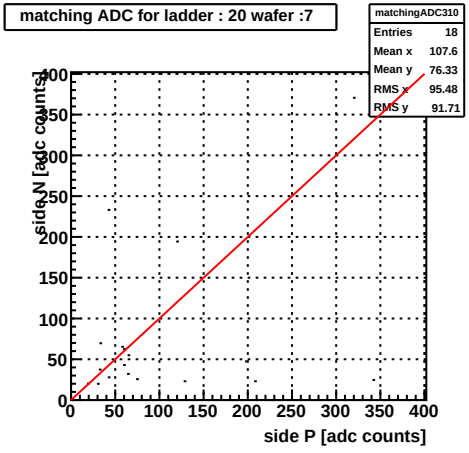

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 478
Mean x 76.55
Mean y 67.13
RMS x 62.07
RMS y 53.19
side N [adc counts]
side P [adc counts]

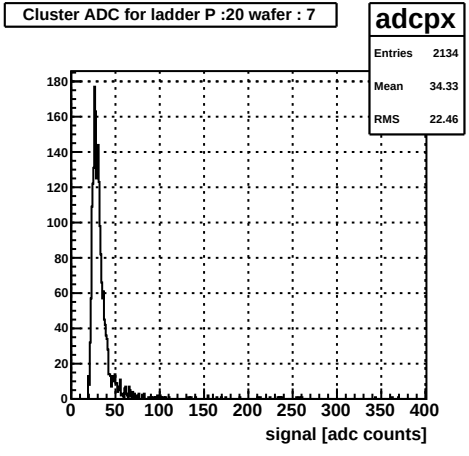

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1484
Mean 60.57
RMS 50.94
signal [adc counts]

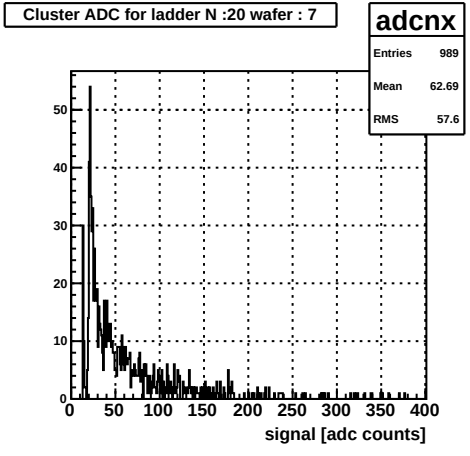

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12638
Mean 24.07
RMS 24.28
signal [adc counts]

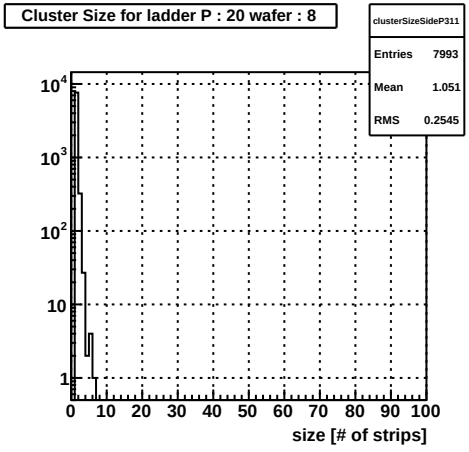

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2134
Mean 1.044
RMS 0.2163
size [# of strips]

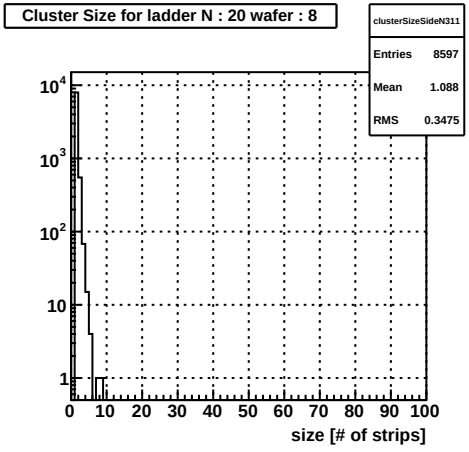

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 989
Mean 1.377
RMS 0.871
size [# of strips]

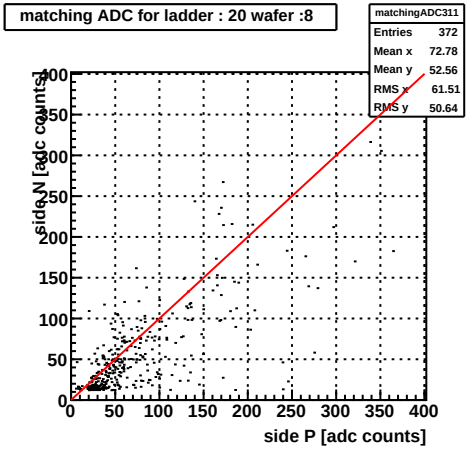

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 18
Mean x 107.6
Mean y 76.33
RMS x 95.48
RMS y 91.71
side N [adc counts]
side P [adc counts]

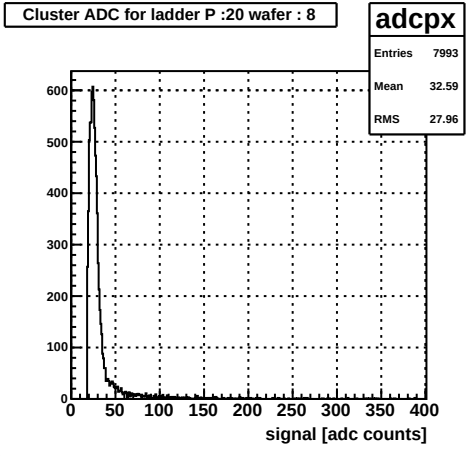

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2134
Mean 34.33
RMS 22.46
signal [adc counts]

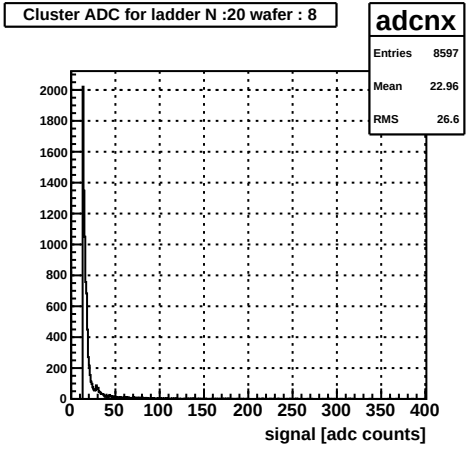

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 989
Mean 62.69
RMS 57.6
signal [adc counts]

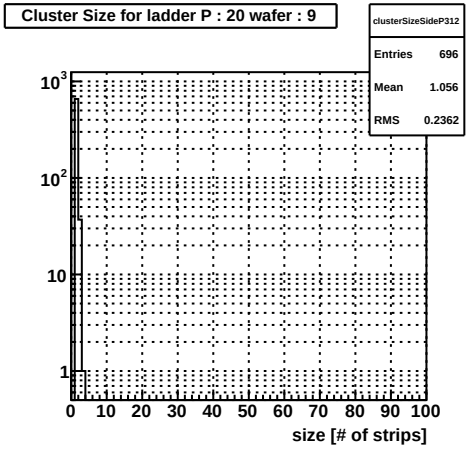

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7993
Mean 1.051
RMS 0.2545
size [# of strips]

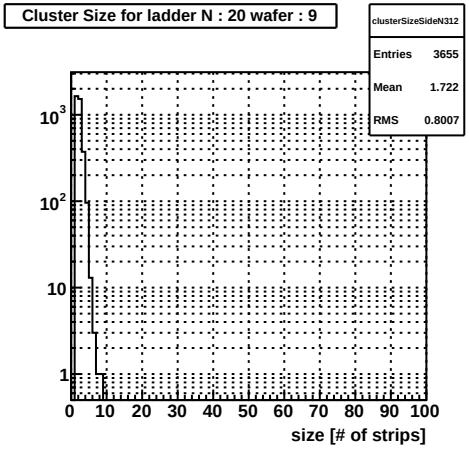

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8597
Mean 1.088
RMS 0.3475
size [# of strips]

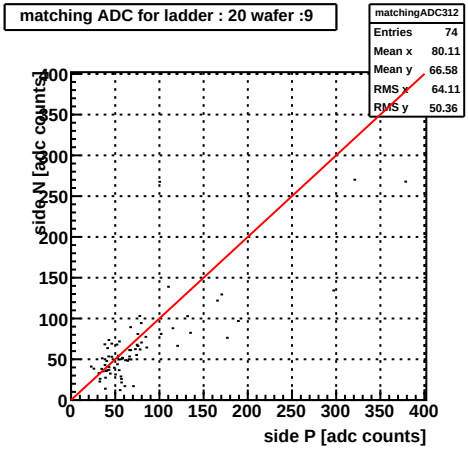

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 372
Mean x 72.78
Mean y 52.56
RMS x 61.51
RMS y 50.64
side N [adc counts]
side P [adc counts]

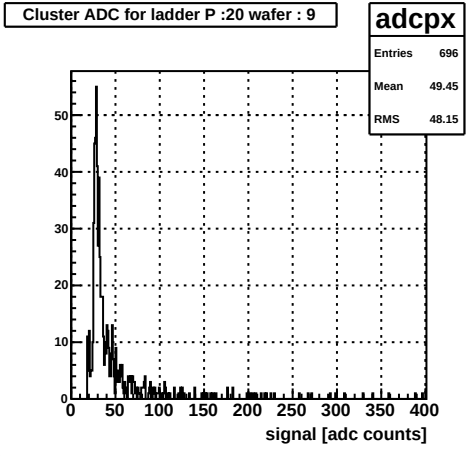

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7993
Mean 32.59
RMS 27.96
signal [adc counts]

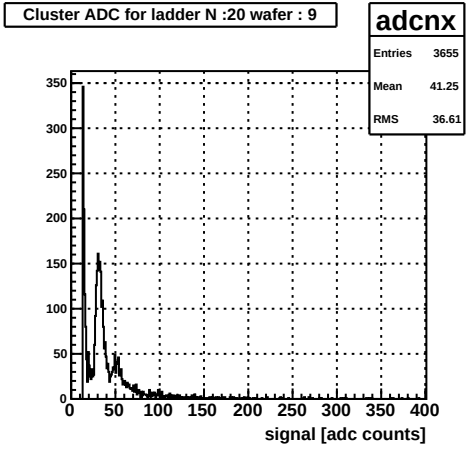

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8597
Mean 22.96
RMS 26.6
signal [adc counts]

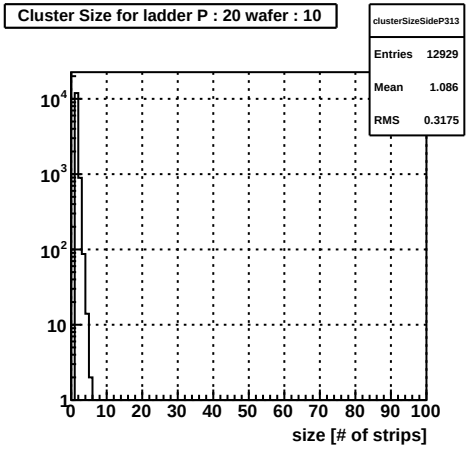

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 696
Mean 1.056
RMS 0.2362
size [# of strips]

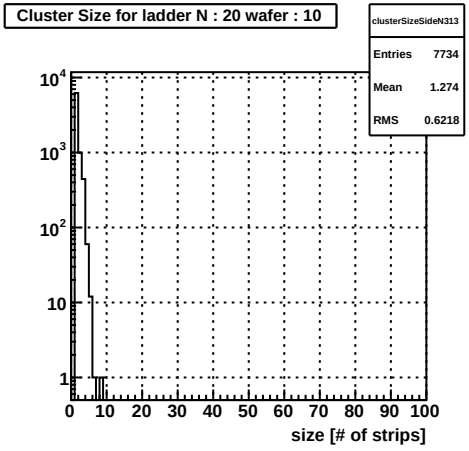

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3655
Mean 1.722
RMS 0.8007
size [# of strips]

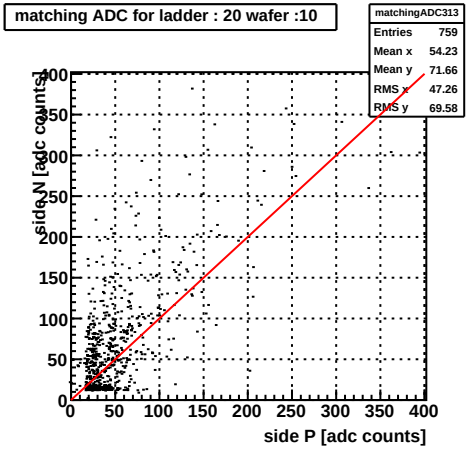

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 74
Mean x 80.11
Mean y 66.58
RMS x 64.11
RMS y 50.36
side N [adc counts]
side P [adc counts]

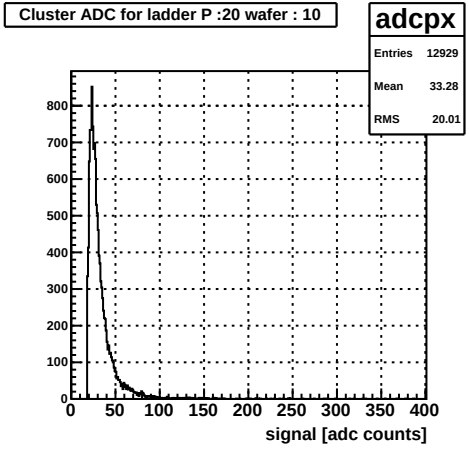

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 696
Mean 49.45
RMS 48.15
signal [adc counts]

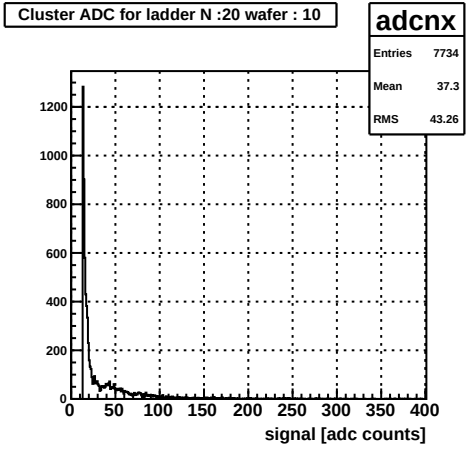

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3655
Mean 41.25
RMS 36.61
signal [adc counts]

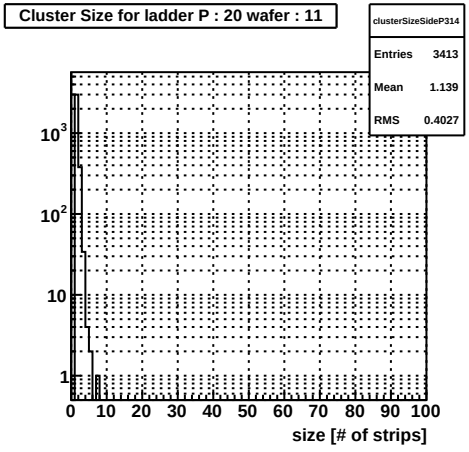

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12929
Mean 1.086
RMS 0.3175
size [# of strips]

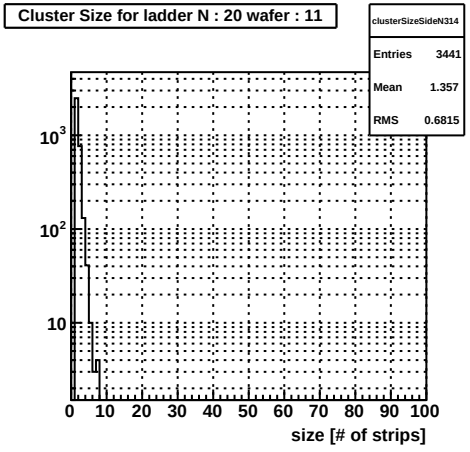

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7734
Mean 1.274
RMS 0.6218
size [# of strips]

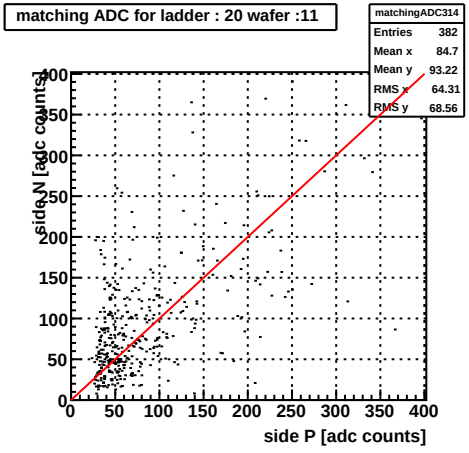

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 759
Mean x 54.23
Mean y 71.66
RMS x 47.26
RMS y 69.58
side N [adc counts]
side P [adc counts]

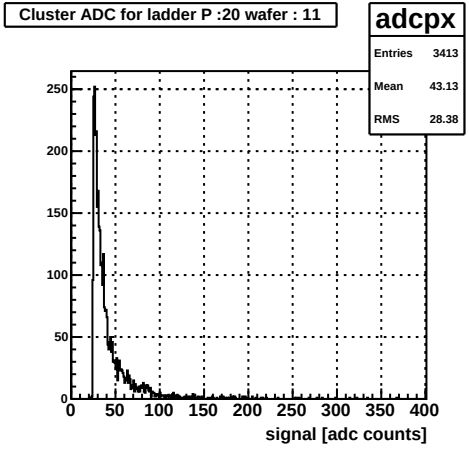

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12929
Mean 33.28
RMS 20.01
signal [adc counts]

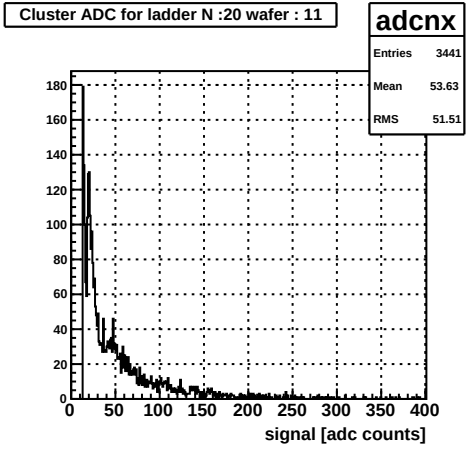

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7734
Mean 37.3
RMS 43.26
signal [adc counts]

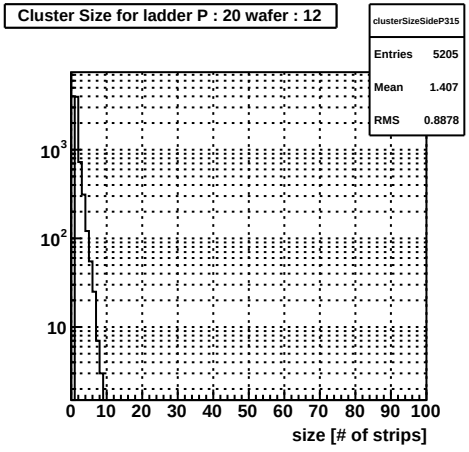

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3413
Mean 1.139
RMS 0.4027
size [# of strips]

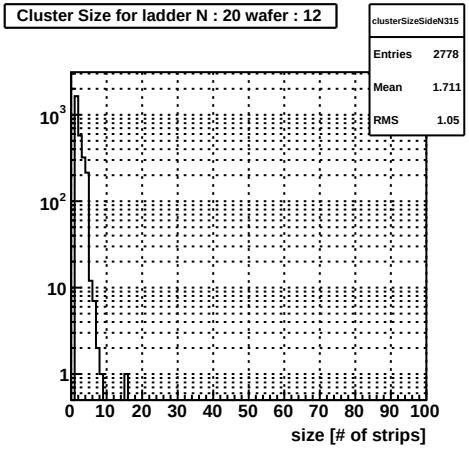

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3441
Mean 1.357
RMS 0.6815
size [# of strips]

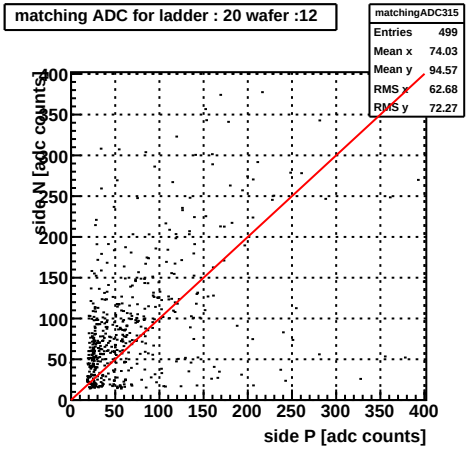

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 382
Mean x 84.7
Mean y 93.22
RMS x 64.31
RMS y 68.56
side N [adc counts]
side P [adc counts]

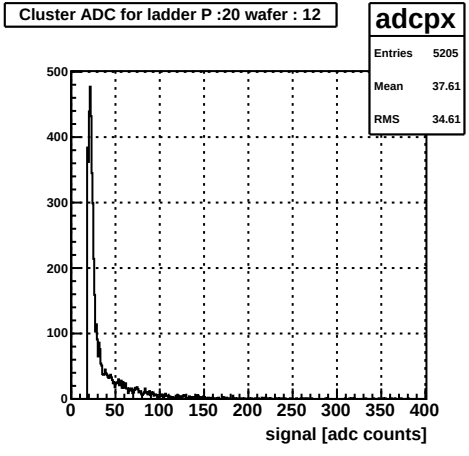

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3413
Mean 43.13
RMS 28.38
signal [adc counts]

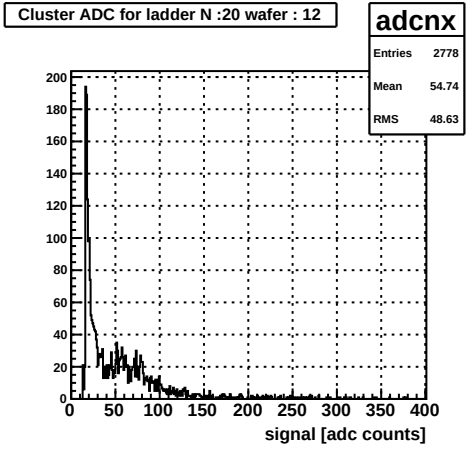

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3441
Mean 53.63
RMS 51.51
signal [adc counts]

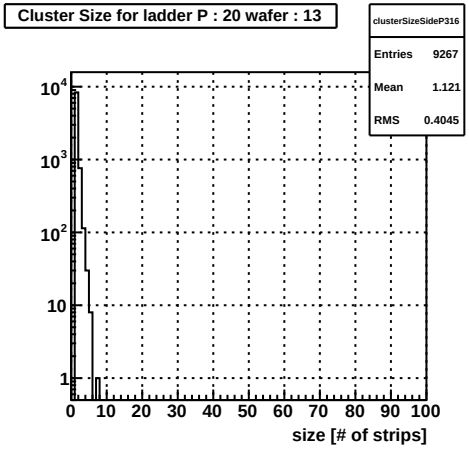

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5205
Mean 1.407
RMS 0.8878
size [# of strips]

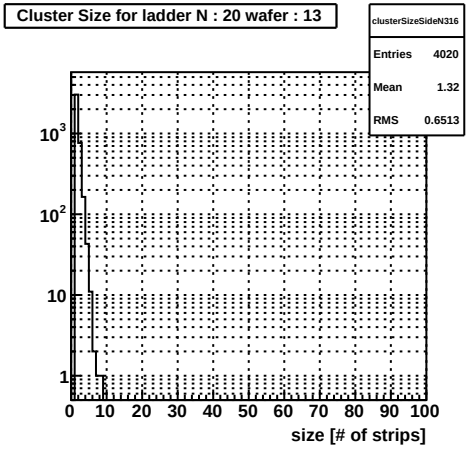

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2778
Mean 1.711
RMS 1.05
size [# of strips]

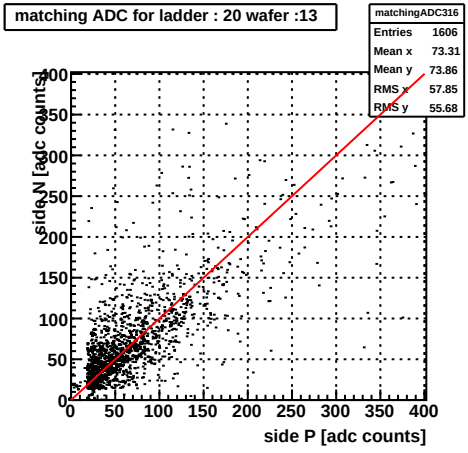

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 499
Mean x 74.03
Mean y 94.57
RMS x 62.68
RMS y 72.27
side N [adc counts]
side P [adc counts]

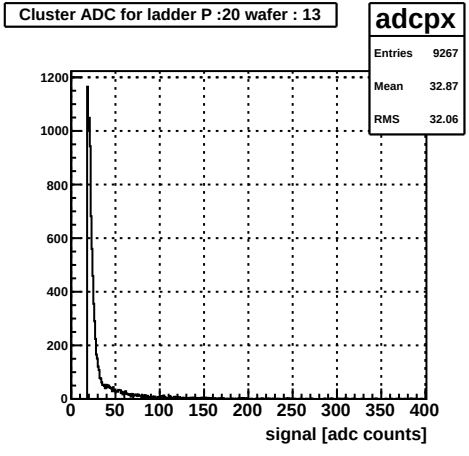

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5205
Mean 37.61
RMS 34.61
signal [adc counts]

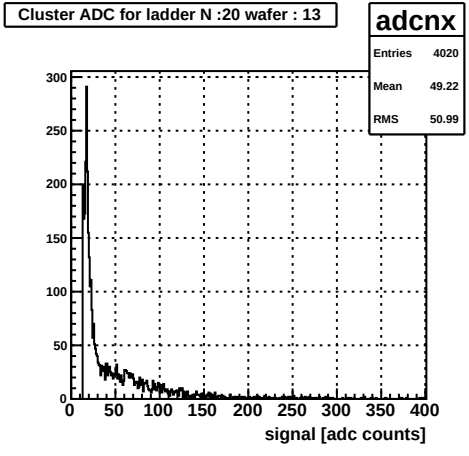

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2778
Mean 54.74
RMS 48.63
signal [adc counts]

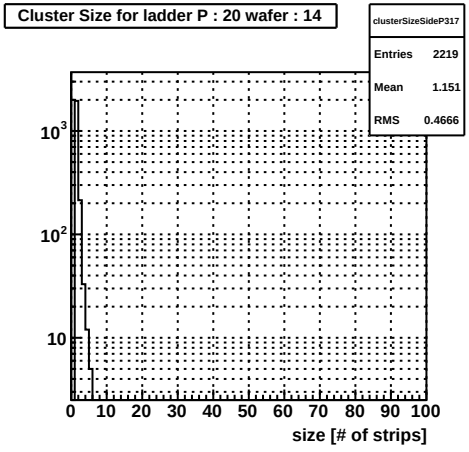

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9267
Mean 1.121
RMS 0.4045
size [# of strips]

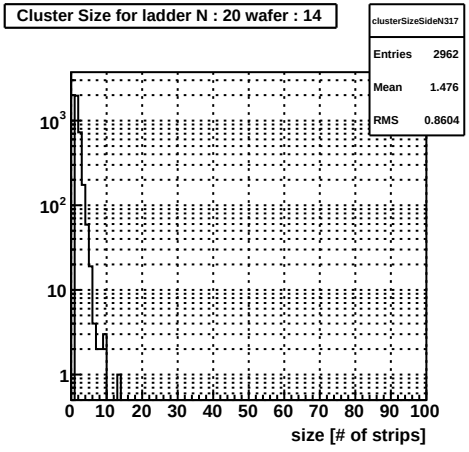

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4020
Mean 1.32
RMS 0.6513
size [# of strips]

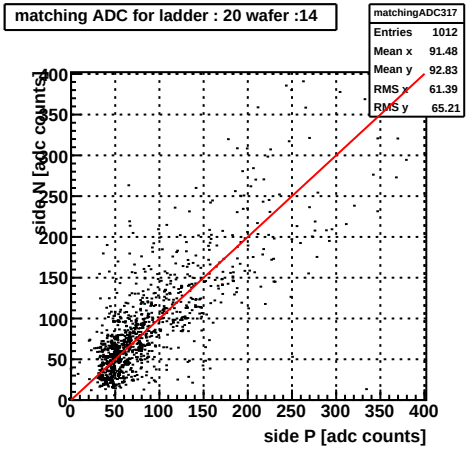

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1606
Mean x 73.31
Mean y 73.86
RMS x 57.85
RMS y 55.68
side N [adc counts]
side P [adc counts]

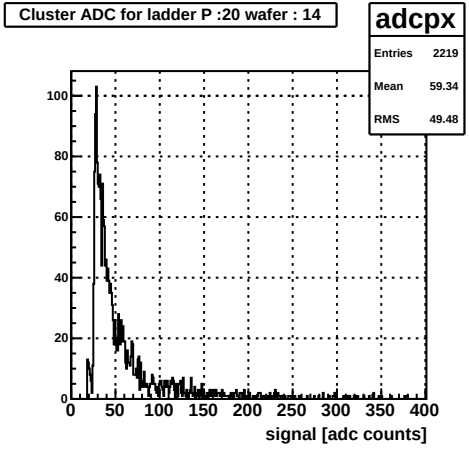

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9267
Mean 32.87
RMS 32.06
signal [adc counts]

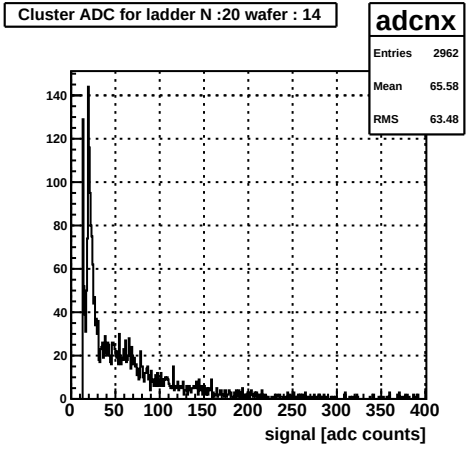

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4020
Mean 49.22
RMS 50.99
signal [adc counts]

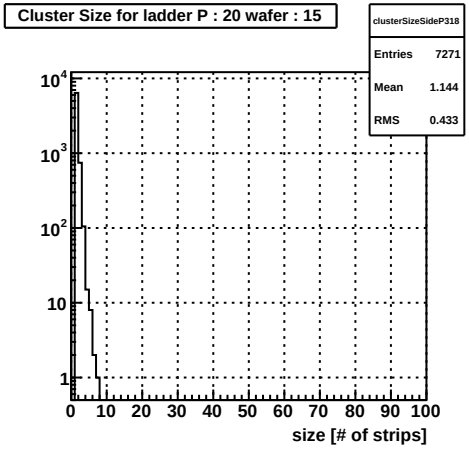

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2219
Mean 1.151
RMS 0.4666
size [# of strips]

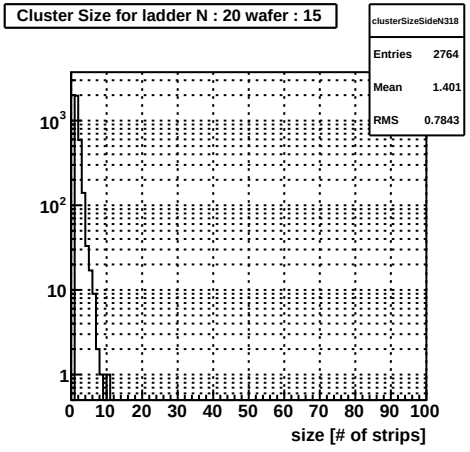

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2962
Mean 1.476
RMS 0.8604
size [# of strips]

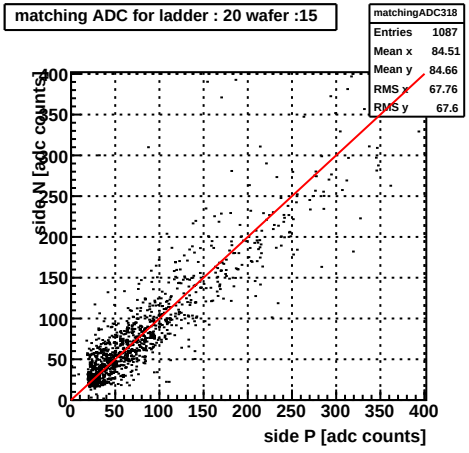

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1012
Mean x 91.48
Mean y 92.83
RMS x 61.39
RMS y 65.21
side N [adc counts]
side P [adc counts]

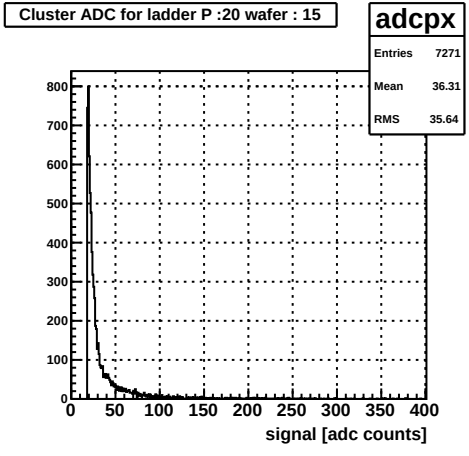

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2219
Mean 59.34
RMS 49.48
signal [adc counts]

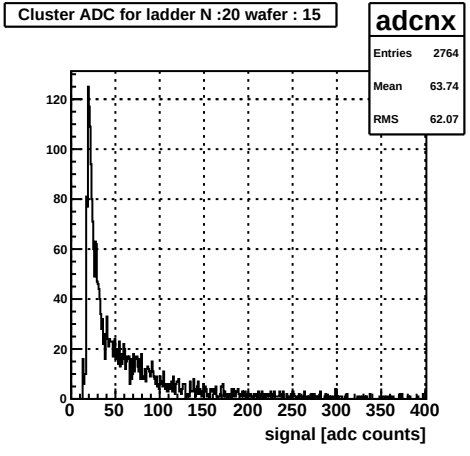

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2962
Mean 65.58
RMS 63.48
signal [adc counts]

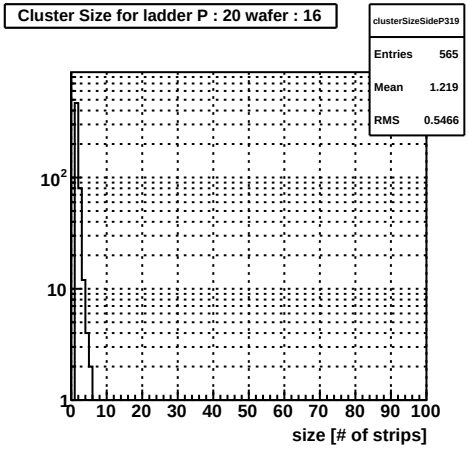

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7271
Mean 1.144
RMS 0.433
size [# of strips]

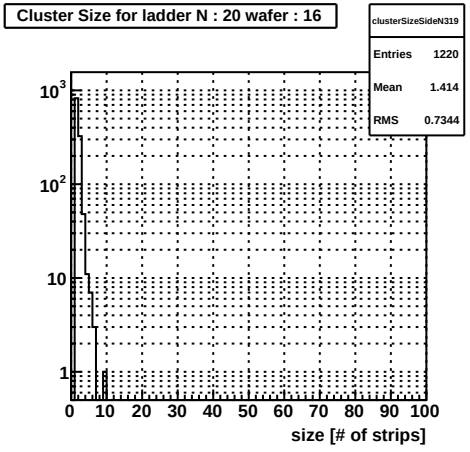

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2764
Mean 1.401
RMS 0.7843
size [# of strips]

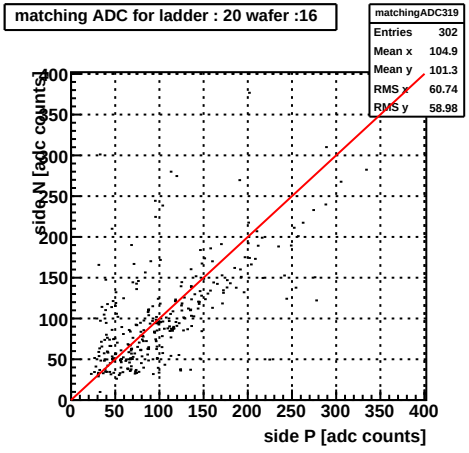

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1087
Mean x 84.51
Mean y 84.66
RMS x 67.76
RMS y 67.6
side N [adc counts]
side P [adc counts]

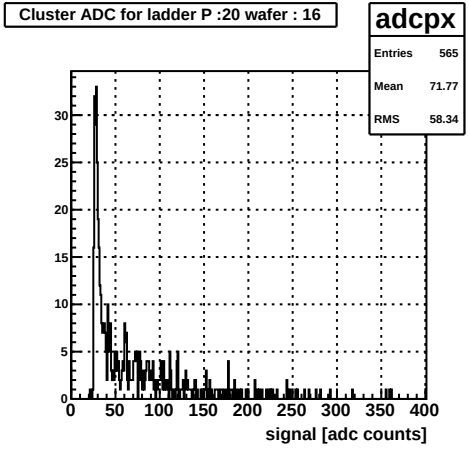

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7271
Mean 36.31
RMS 35.64
signal [adc counts]

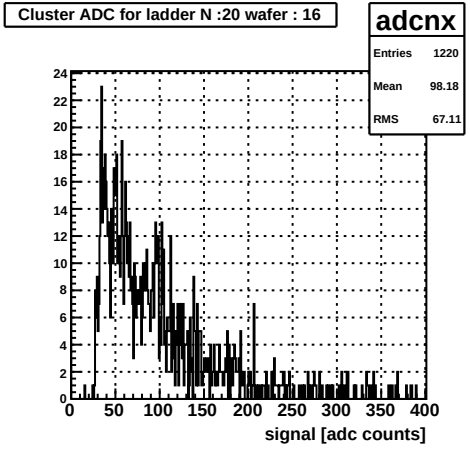

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2764
Mean 63.74
RMS 62.07
signal [adc counts]

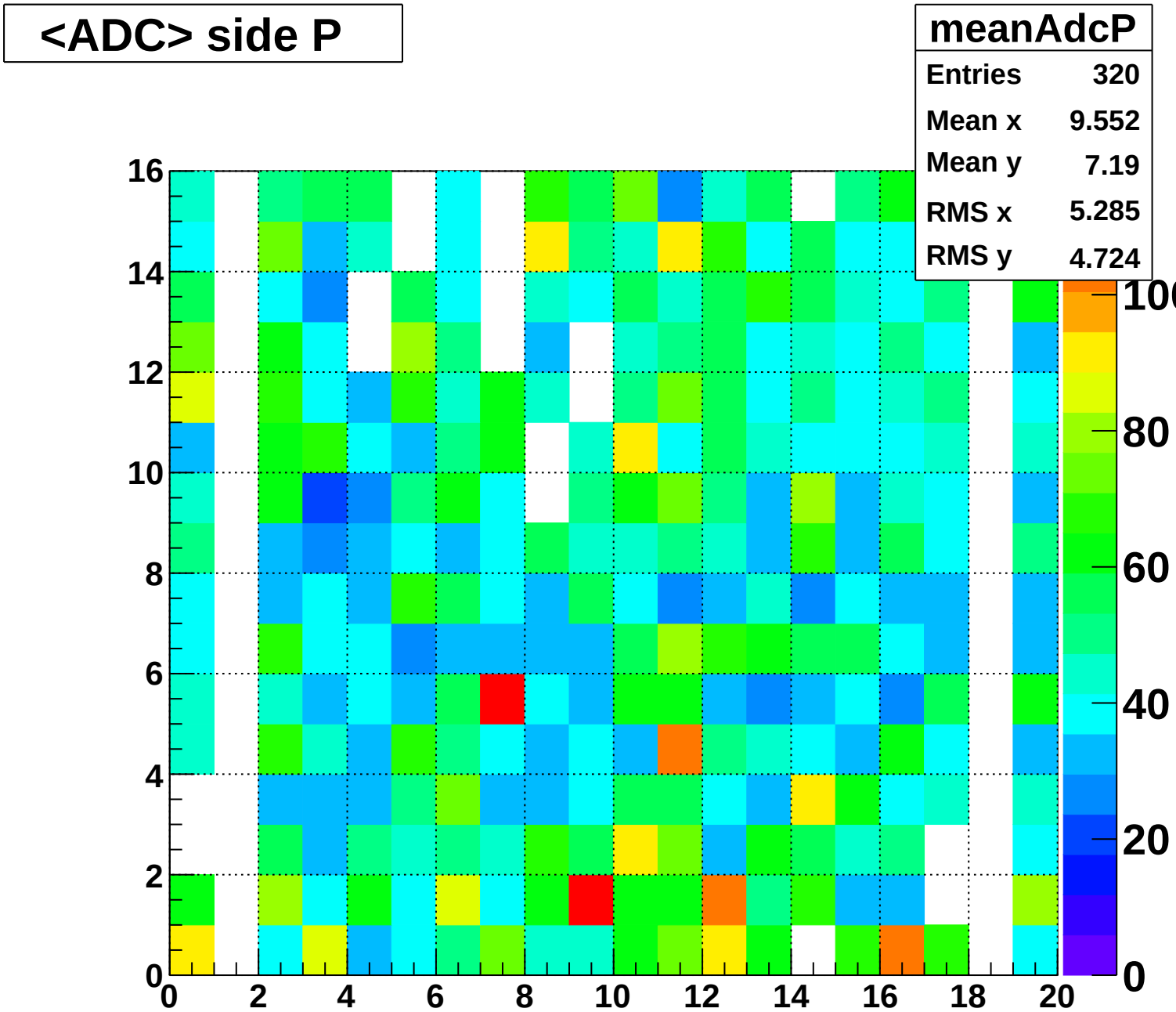

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 565
Mean 1.219
RMS 0.5466
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1220
Mean 1.414
RMS 0.7344
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 302
Mean x 104.9
Mean y 101.3
RMS x 60.74
RMS y 58.98
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 565
Mean 71.77
RMS 58.34
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1220
Mean 98.18
RMS 67.11
signal [adc counts]



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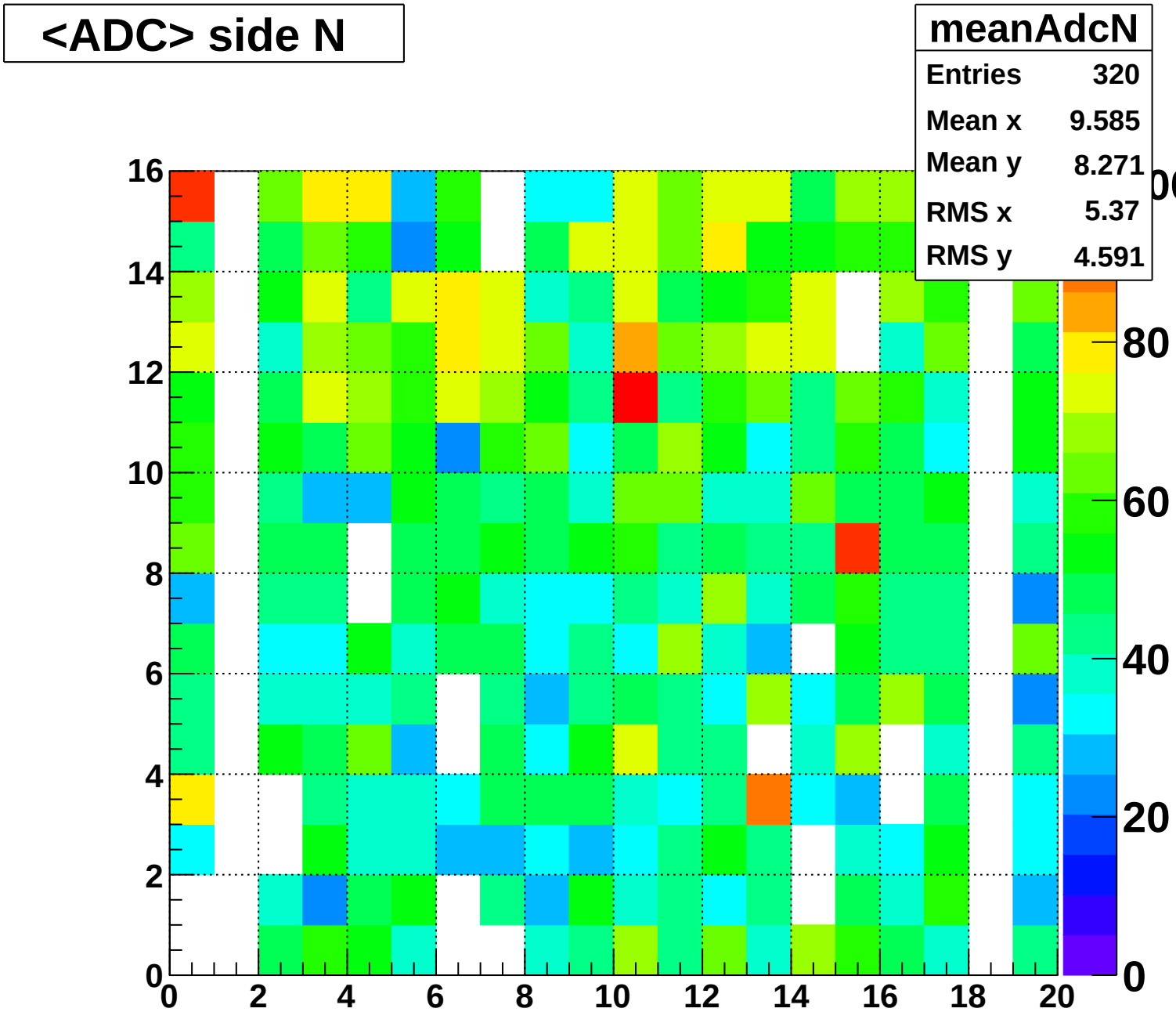

2016-05-19 09:10:28