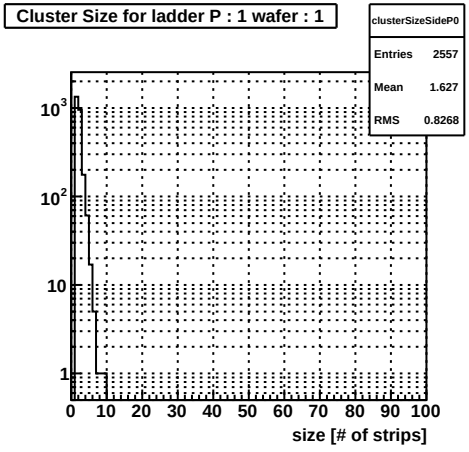
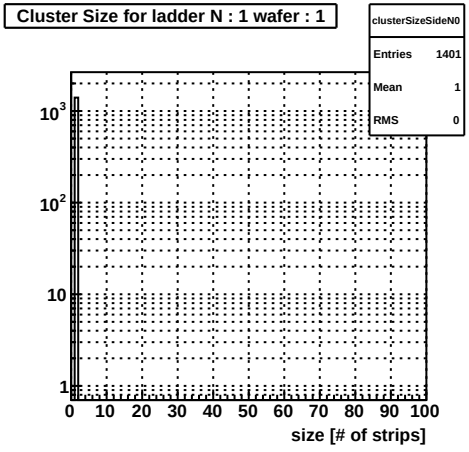
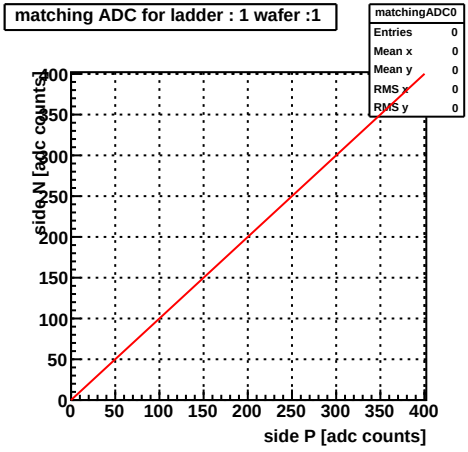
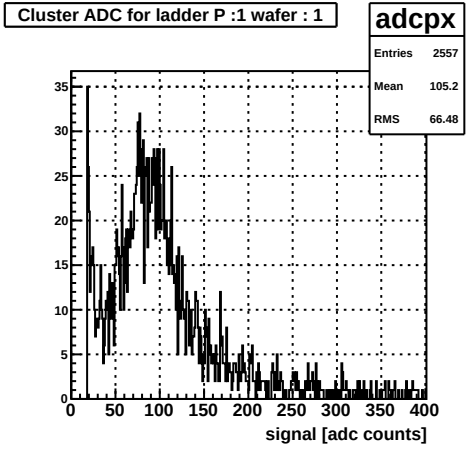
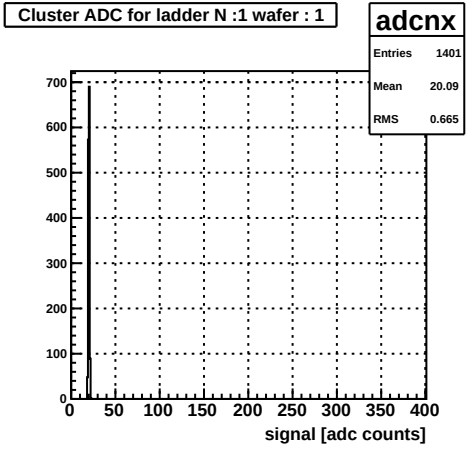
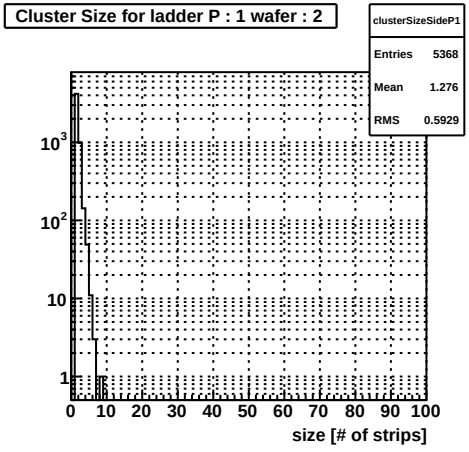

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 2557
Mean 1.627
RMS 0.8268
size [# of strips]

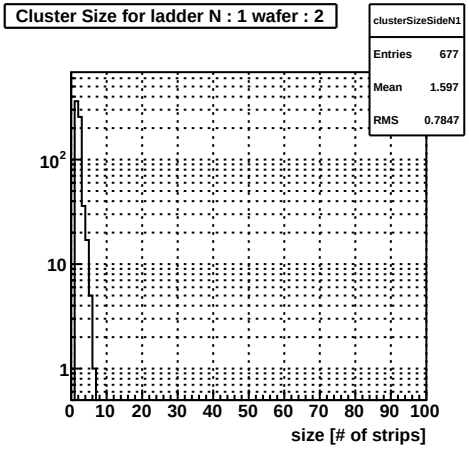

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1401
Mean 1
RMS 0
size [# of strips]

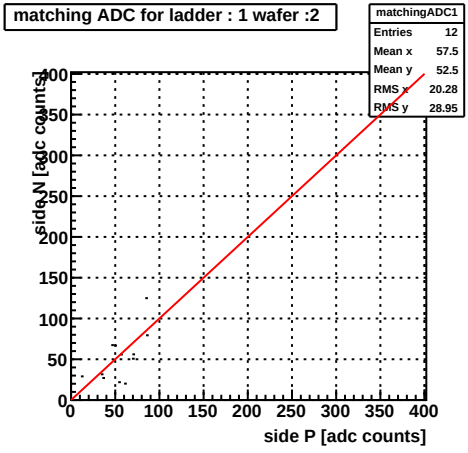

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

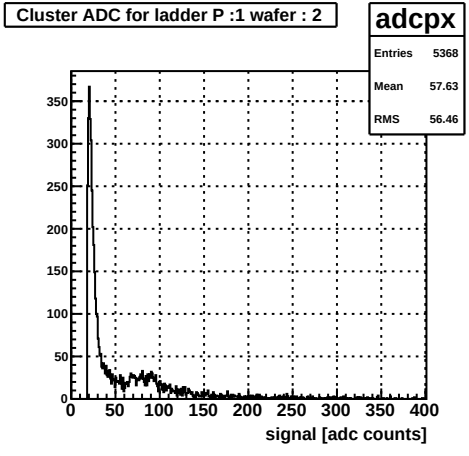

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 2557
Mean 105.2
RMS 66.48
signal [adc counts]

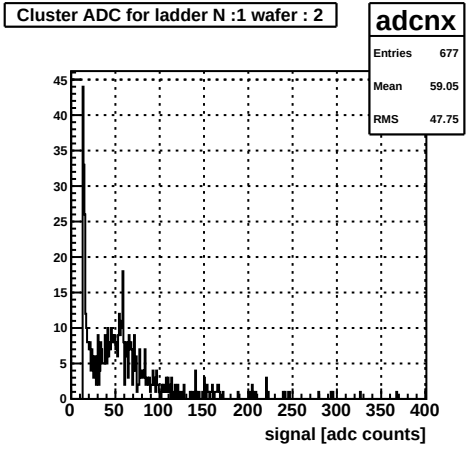

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1401
Mean 20.09
RMS 0.665
signal [adc counts]

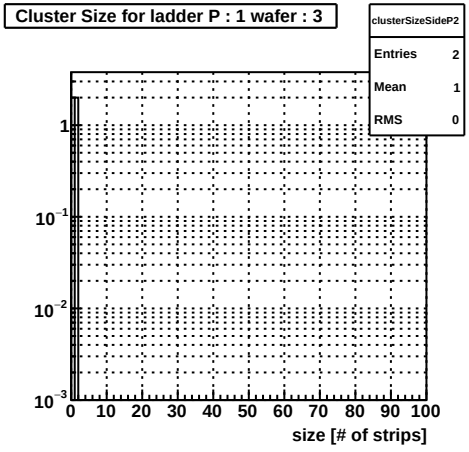

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5368
Mean 1.276
RMS 0.5929
size [# of strips]

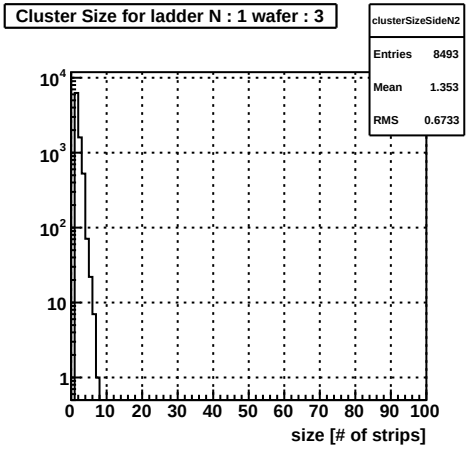

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 677
Mean 1.597
RMS 0.7847
size [# of strips]

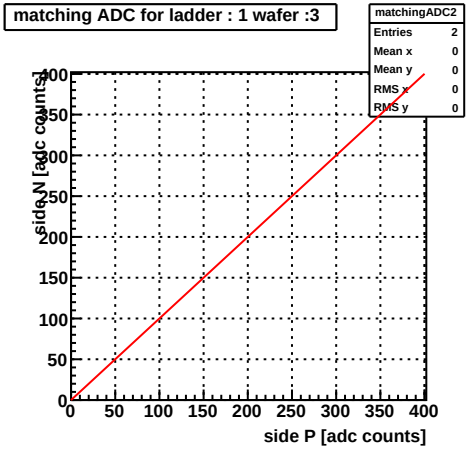

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 12
Mean x 57.5
Mean y 52.5
RMS x 20.28
RMS y 28.95
side N [adc counts]
side P [adc counts]

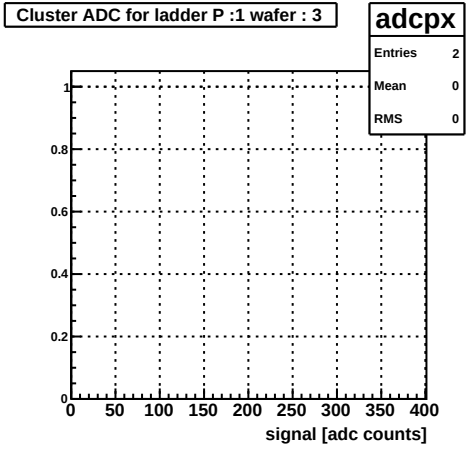

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5368
Mean 57.63
RMS 56.46
signal [adc counts]

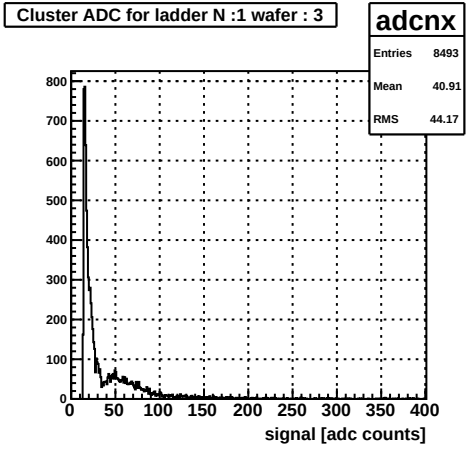

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 677
Mean 59.05
RMS 47.75
signal [adc counts]

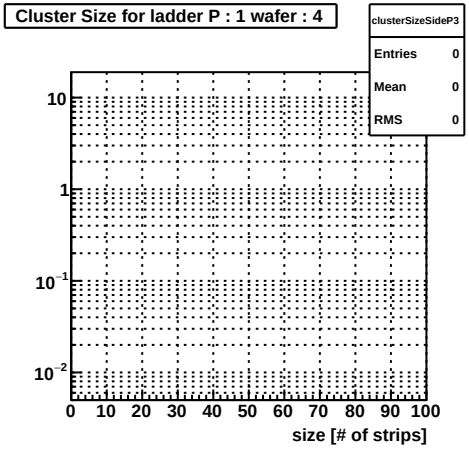

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

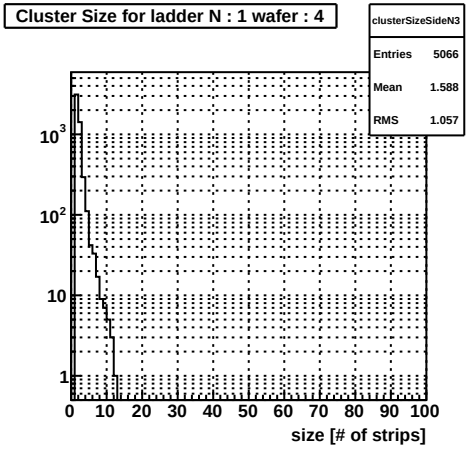

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8493
Mean 1.353
RMS 0.6733
size [# of strips]

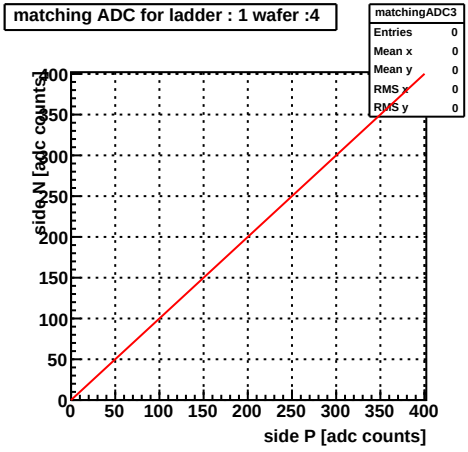

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

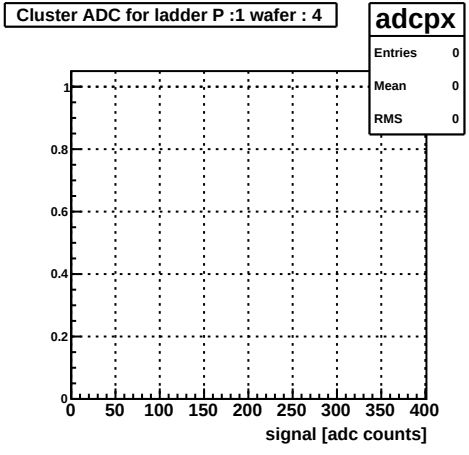

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

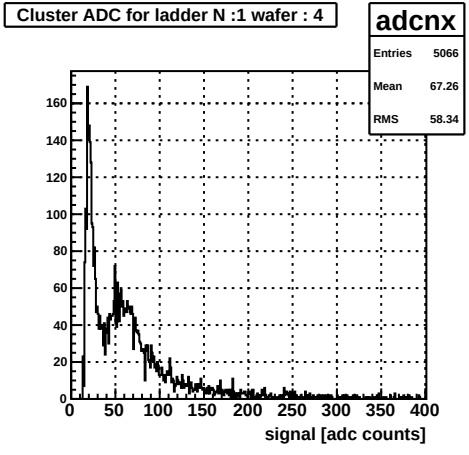

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8493
Mean 40.91
RMS 44.17
signal [adc counts]

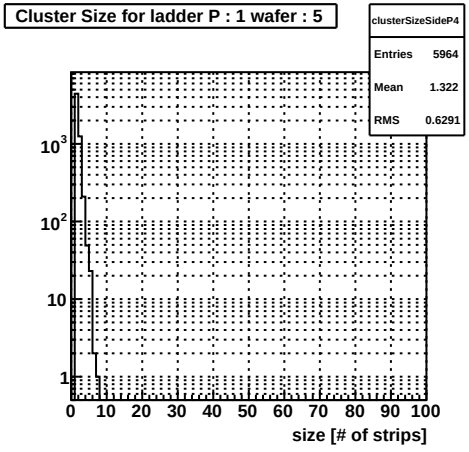

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

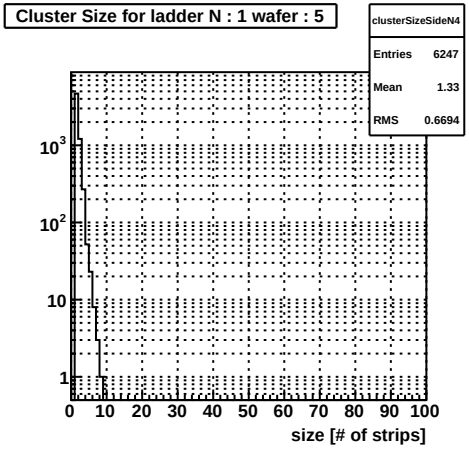

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 5066
Mean 1.588
RMS 1.057
size [# of strips]

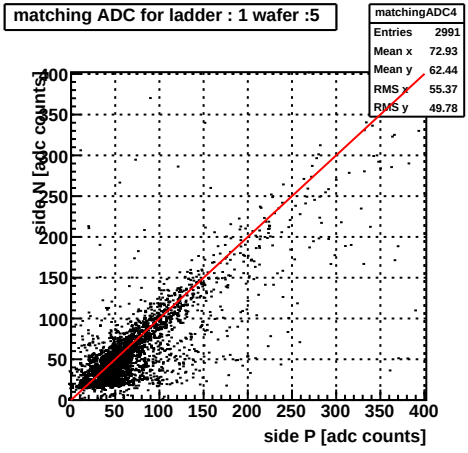

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

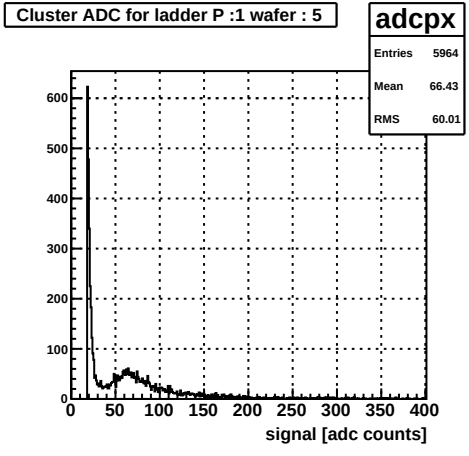

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

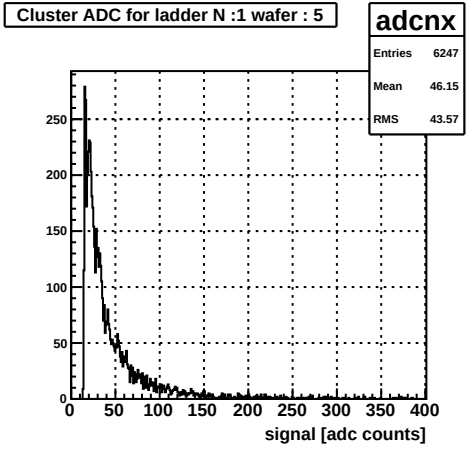

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 5066
Mean 67.26
RMS 58.34
signal [adc counts]

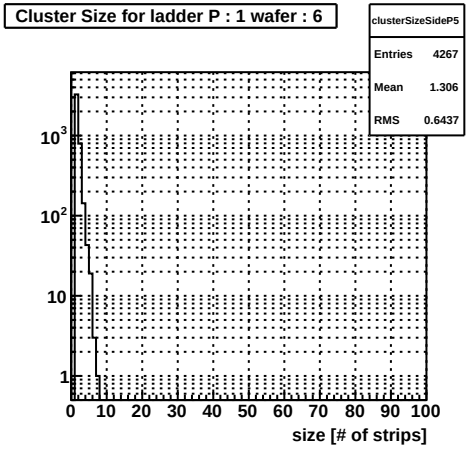

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 5964
Mean 1.322
RMS 0.6291
size [# of strips]

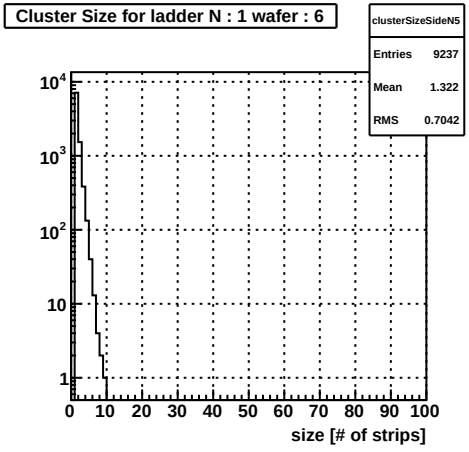

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 6247
Mean 1.33
RMS 0.6694
size [# of strips]

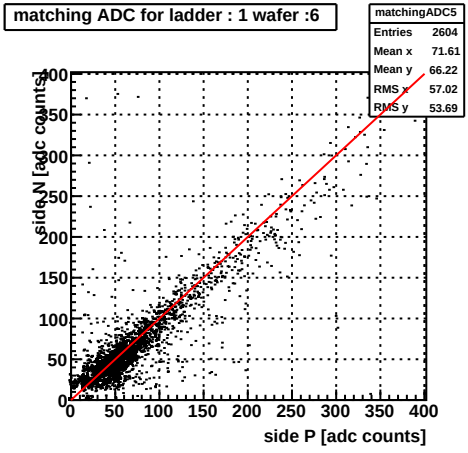

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 2991
Mean x 72.93
Mean y 62.44
RMS x 55.37
RMS y 49.78
side N [adc counts]
side P [adc counts]

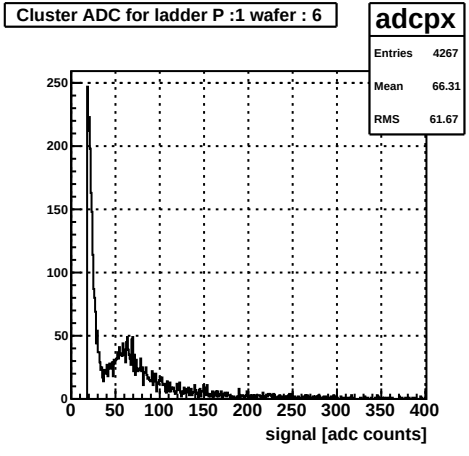

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 5964
Mean 66.43
RMS 60.01
signal [adc counts]

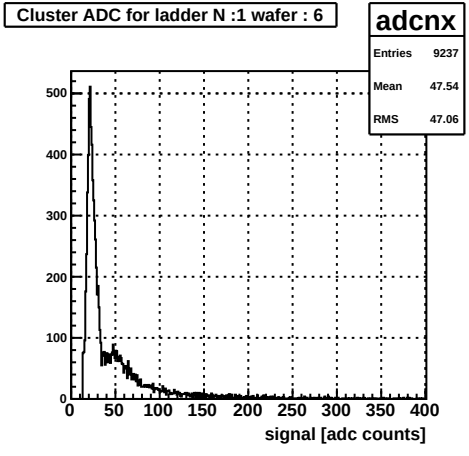

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 6247
Mean 46.15
RMS 43.57
signal [adc counts]

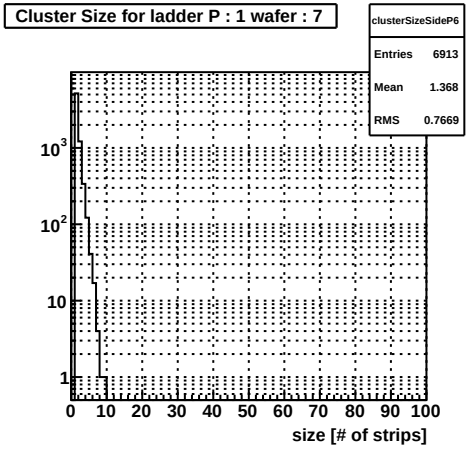

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4267
Mean 1.306
RMS 0.6437
size [# of strips]

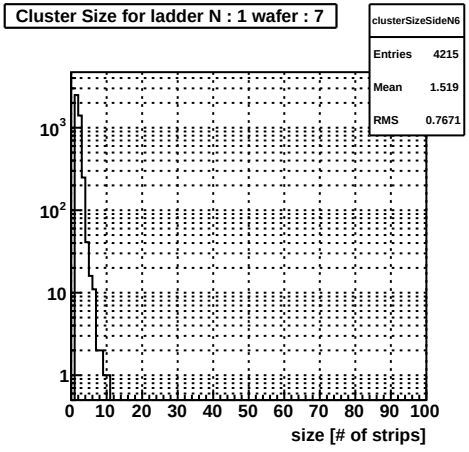

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 9237
Mean 1.322
RMS 0.7042
size [# of strips]

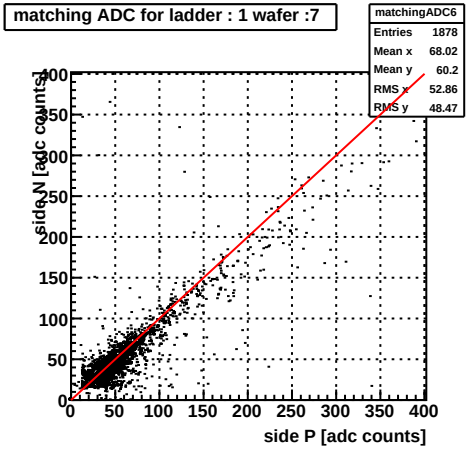

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 2604
Mean x 71.61
Mean y 66.22
RMS x 57.02
RMS y 53.69
side N [adc counts]
side P [adc counts]

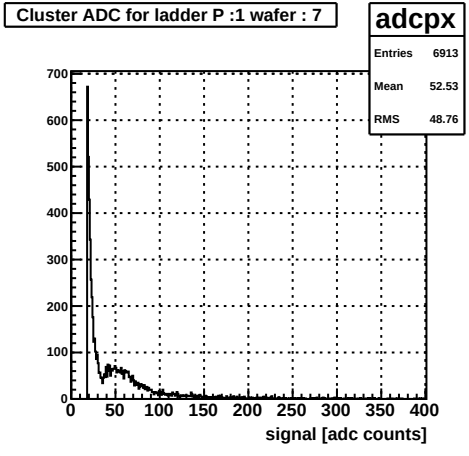

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4267
Mean 66.31
RMS 61.67
signal [adc counts]

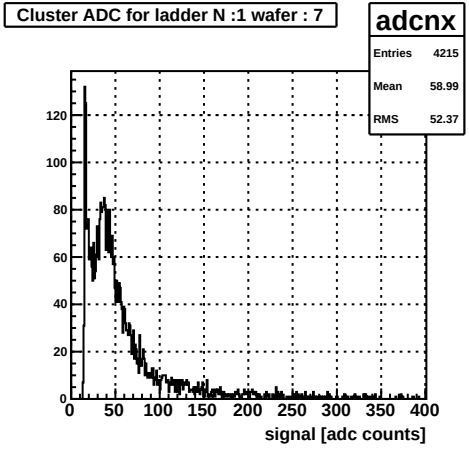

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 9237
Mean 47.54
RMS 47.06
signal [adc counts]

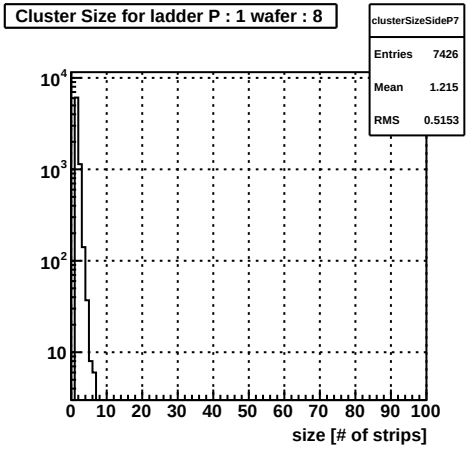

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6913
Mean 1.368
RMS 0.7669
size [# of strips]

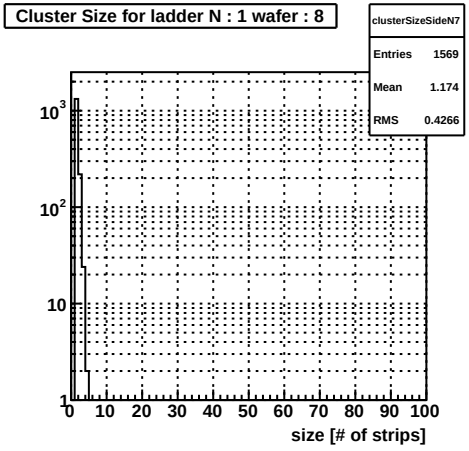

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 4215
Mean 1.519
RMS 0.7671
size [# of strips]

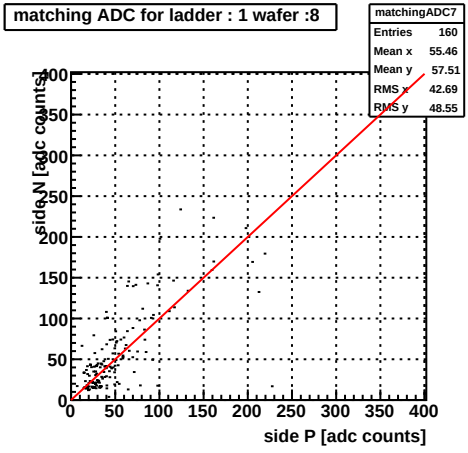

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 1878
Mean x 68.02
Mean y 60.2
RMS x 52.86
RMS y 48.47
side N [adc counts]
side P [adc counts]

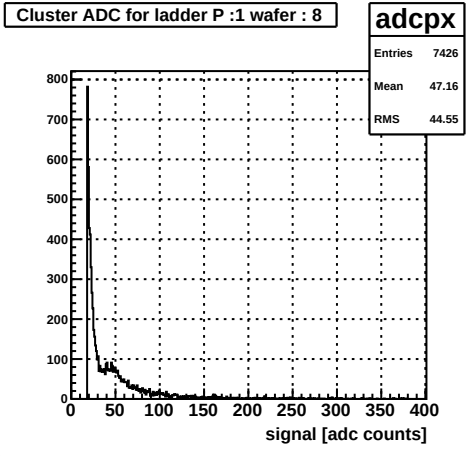

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6913
Mean 52.53
RMS 48.76
signal [adc counts]

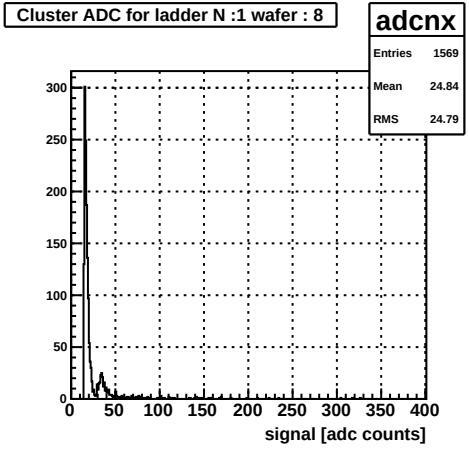

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 4215
Mean 58.99
RMS 52.37
signal [adc counts]

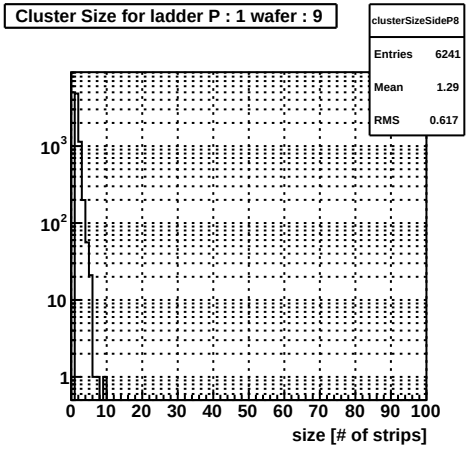

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7426
Mean 1.215
RMS 0.5153
size [# of strips]

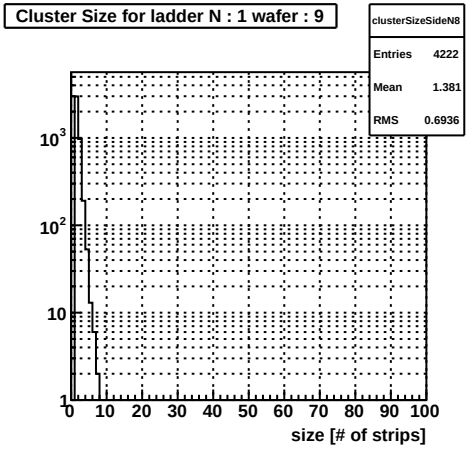

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1569
Mean 1.174
RMS 0.4266
size [# of strips]

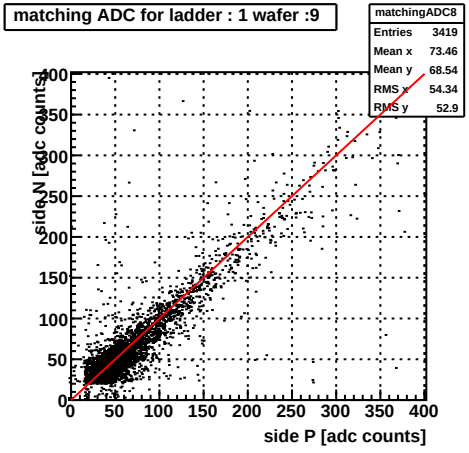

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 160
Mean x 55.46
Mean y 57.51
RMS x 42.69
RMS y 48.55
side N [adc counts]
side P [adc counts]

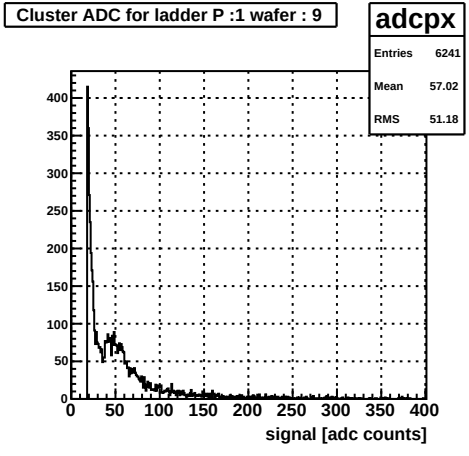

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7426
Mean 47.16
RMS 44.55
signal [adc counts]

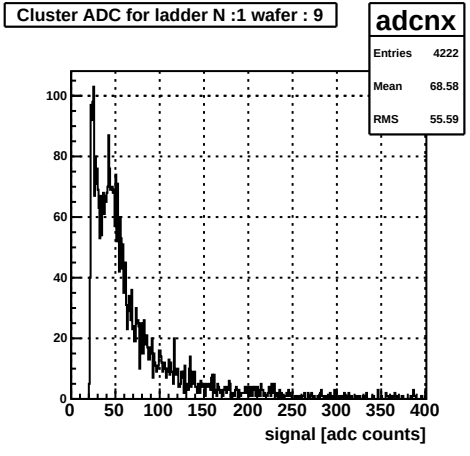

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1569
Mean 24.84
RMS 24.79
signal [adc counts]

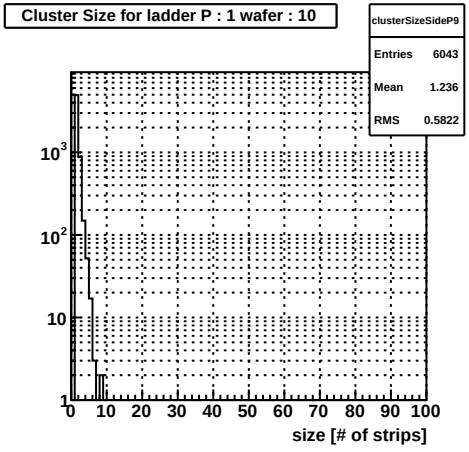

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6241
Mean 1.29
RMS 0.617
size [# of strips]

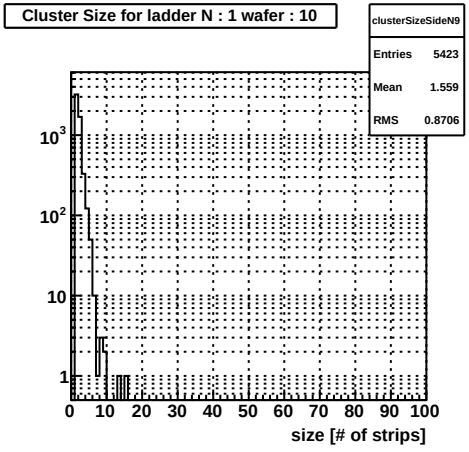

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4222
Mean 1.381
RMS 0.6936
size [# of strips]

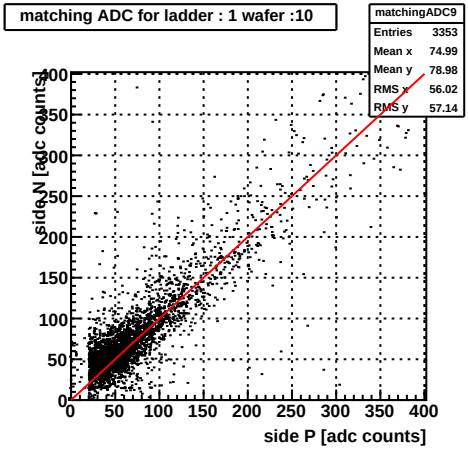

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 3419
Mean x 73.46
Mean y 68.54
RMS x 54.34
RMS y 52.9
side N [adc counts]
side P [adc counts]

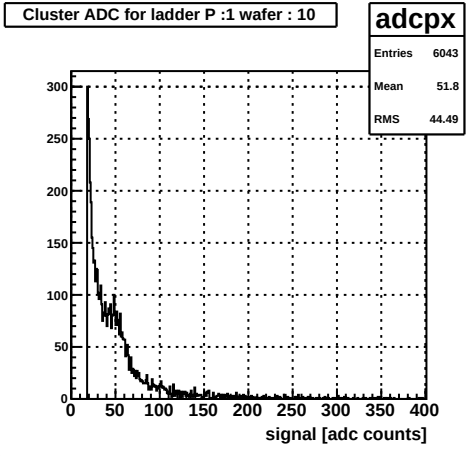

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6241
Mean 57.02
RMS 51.18
signal [adc counts]

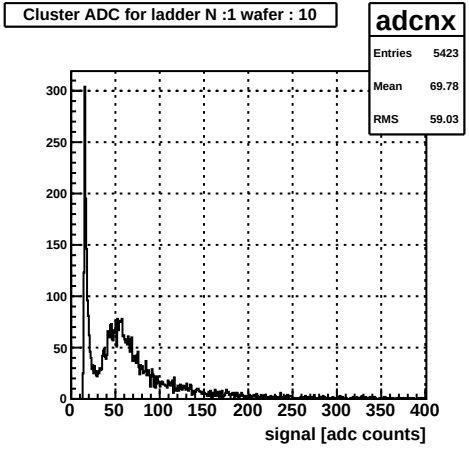

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4222
Mean 68.58
RMS 55.59
signal [adc counts]

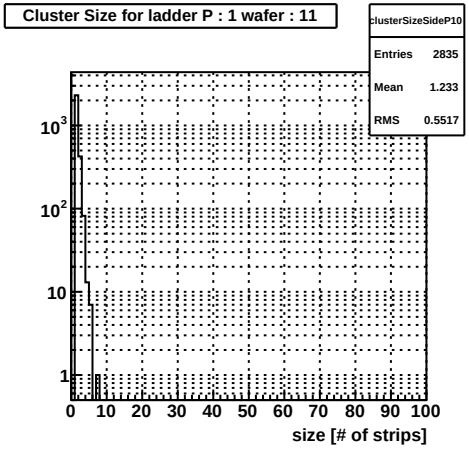

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6043
Mean 1.236
RMS 0.5822
size [# of strips]

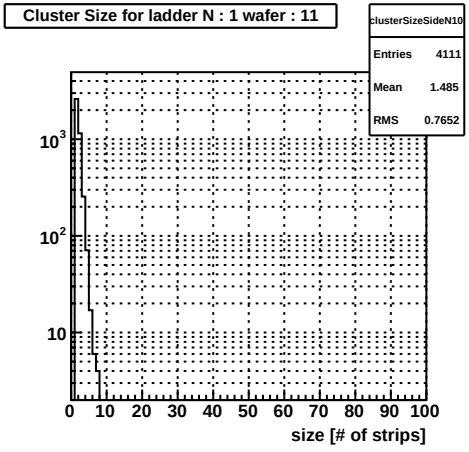

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 5423
Mean 1.559
RMS 0.8706
size [# of strips]

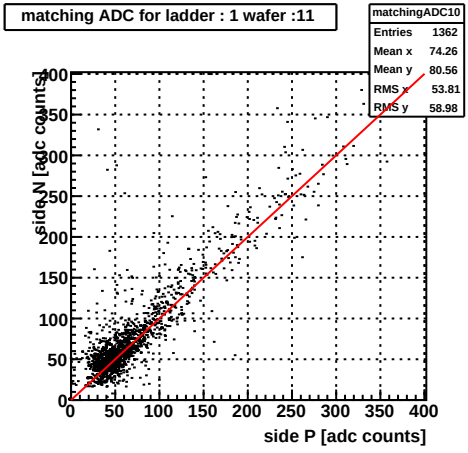

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 3353
Mean x 74.99
Mean y 78.98
RMS x 56.02
RMS y 57.14
side N [adc counts]
side P [adc counts]

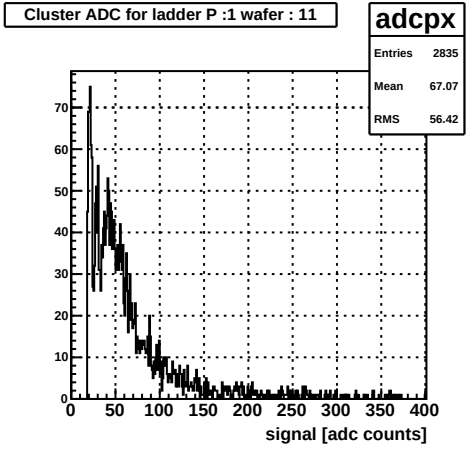

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6043
Mean 51.8
RMS 44.49
signal [adc counts]

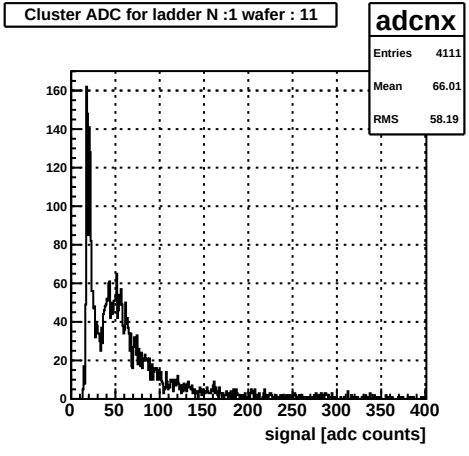

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 5423
Mean 69.78
RMS 59.03
signal [adc counts]

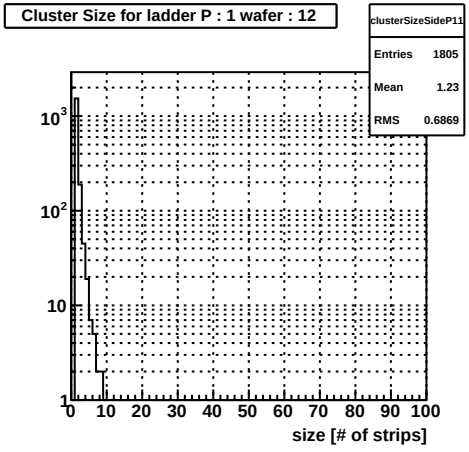

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 2835
Mean 1.233
RMS 0.5517
size [# of strips]

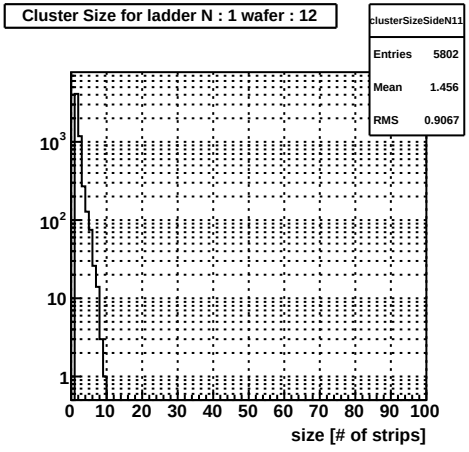

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 4111
Mean 1.485
RMS 0.7652
size [# of strips]

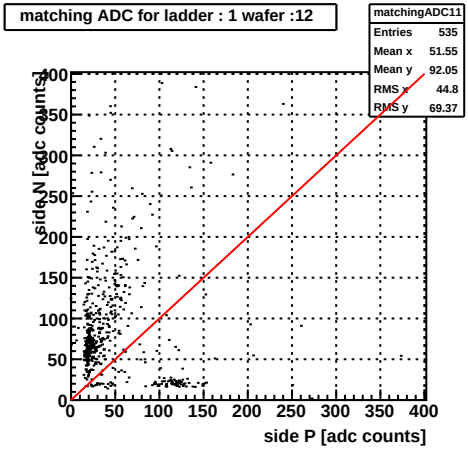

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 1362
Mean x 74.26
Mean y 80.56
RMS x 53.81
RMS y 58.98
side N [adc counts]
side P [adc counts]

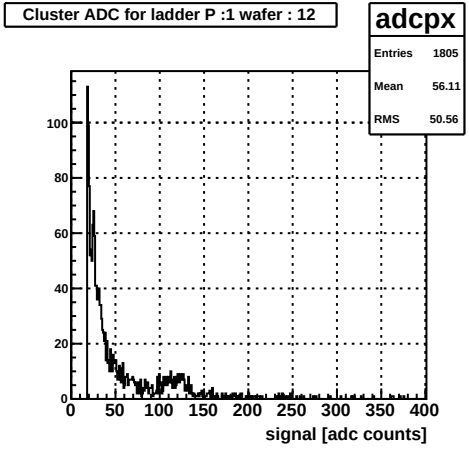

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 2835
Mean 67.07
RMS 56.42
signal [adc counts]

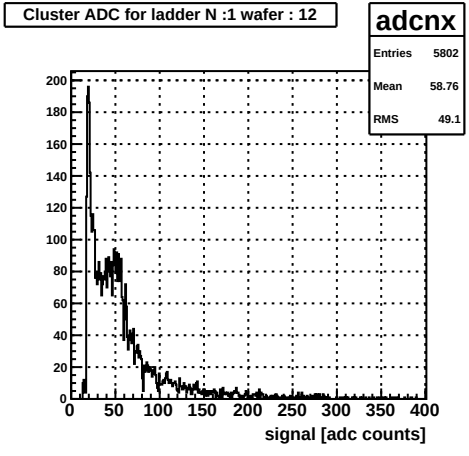

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 4111
Mean 66.01
RMS 58.19
signal [adc counts]

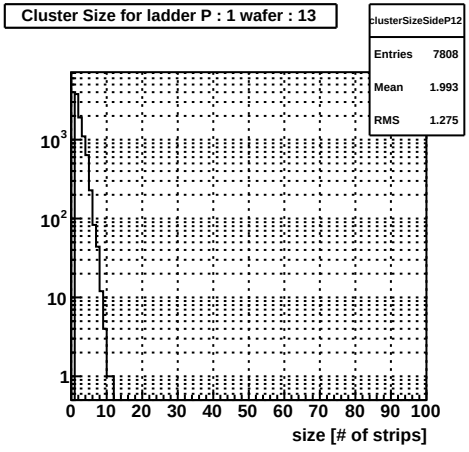

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1805
Mean 1.23
RMS 0.6869
size [# of strips]

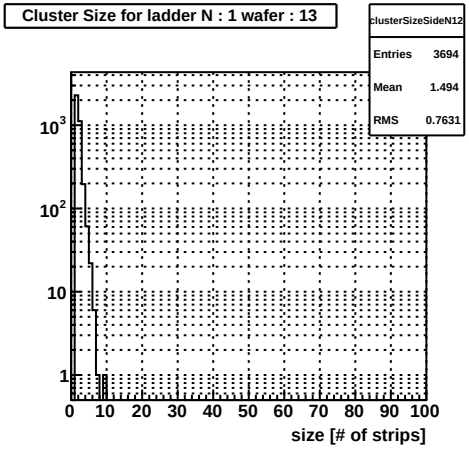

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5802
Mean 1.456
RMS 0.9067
size [# of strips]

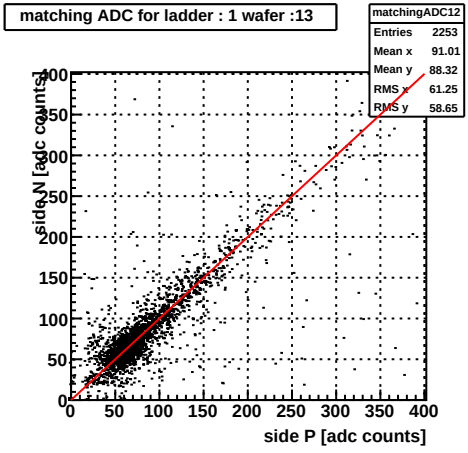

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 535
Mean x 51.55
Mean y 92.05
RMS x 44.8
RMS y 69.37
side N [adc counts]
side P [adc counts]

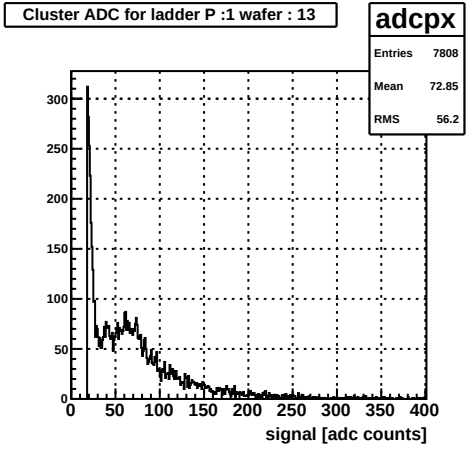

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1805
Mean 56.11
RMS 50.56
signal [adc counts]

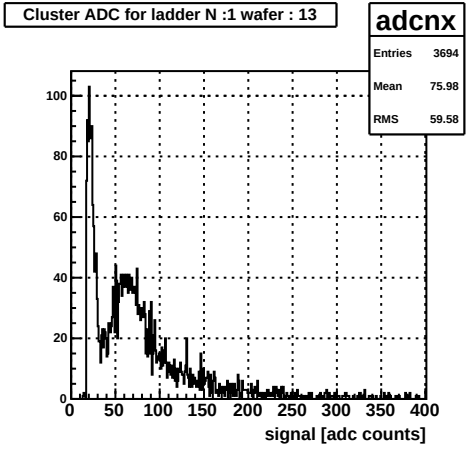

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5802
Mean 58.76
RMS 49.1
signal [adc counts]

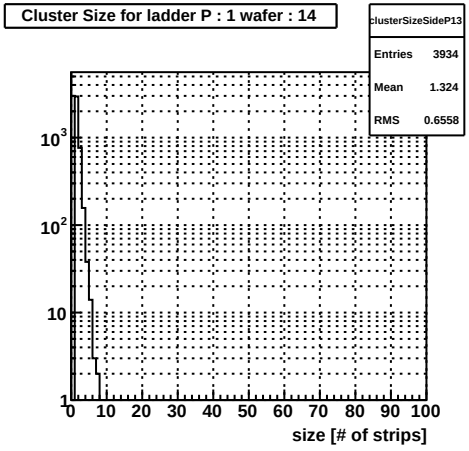

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 7808
Mean 1.993
RMS 1.275
size [# of strips]

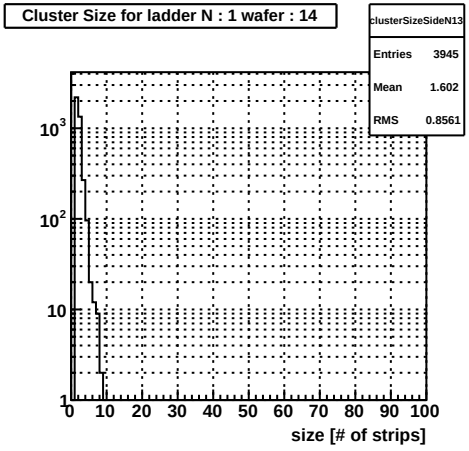

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 3694
Mean 1.494
RMS 0.7631
size [# of strips]

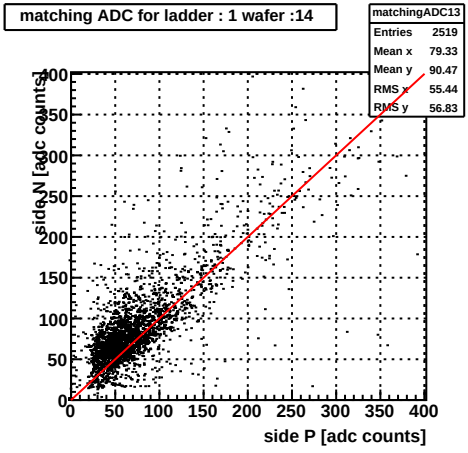

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 2253
Mean x 91.01
Mean y 88.32
RMS x 61.25
RMS y 58.65
side N [adc counts]
side P [adc counts]

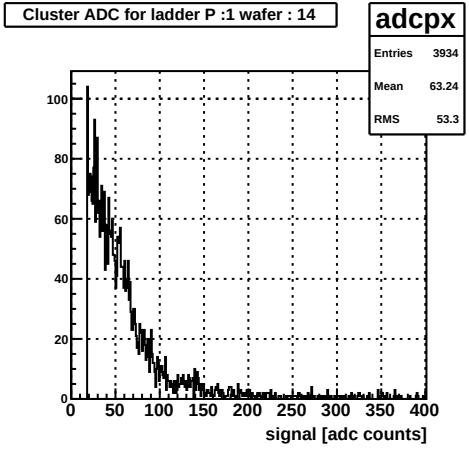

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 7808
Mean 72.85
RMS 56.2
signal [adc counts]

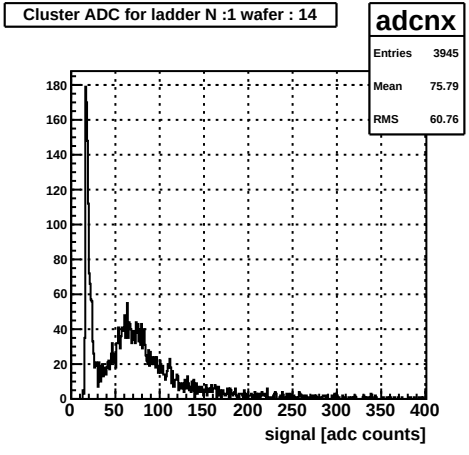

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 3694
Mean 75.98
RMS 59.58
signal [adc counts]

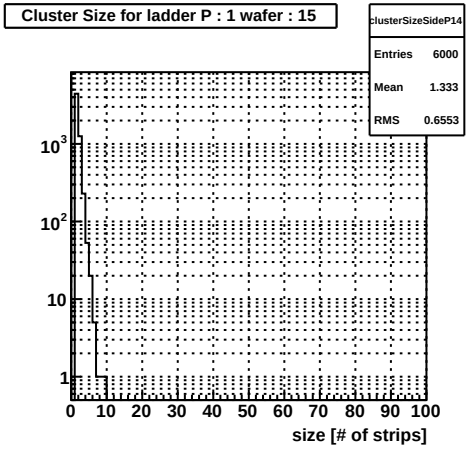

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3934
Mean 1.324
RMS 0.6558
size [# of strips]

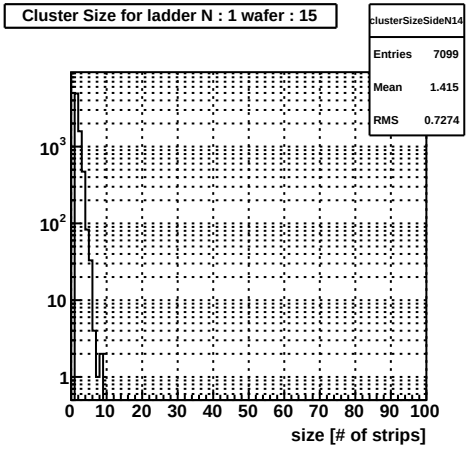

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 3945
Mean 1.602
RMS 0.8561
size [# of strips]

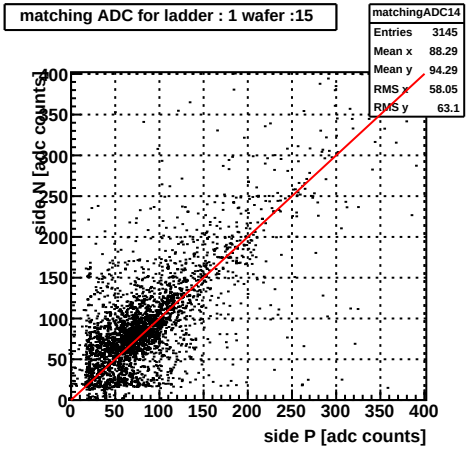

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 2519
Mean x 79.33
Mean y 90.47
RMS x 55.44
RMS y 56.83
side N [adc counts]
side P [adc counts]

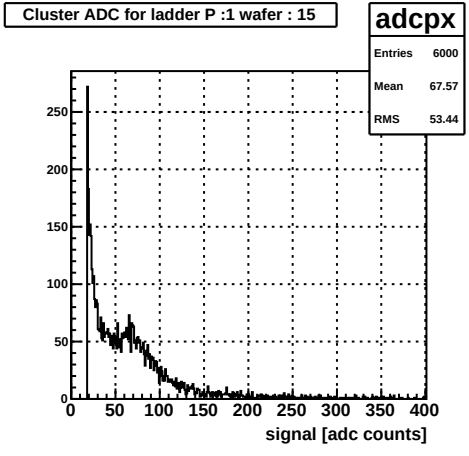

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3934
Mean 63.24
RMS 53.3
signal [adc counts]

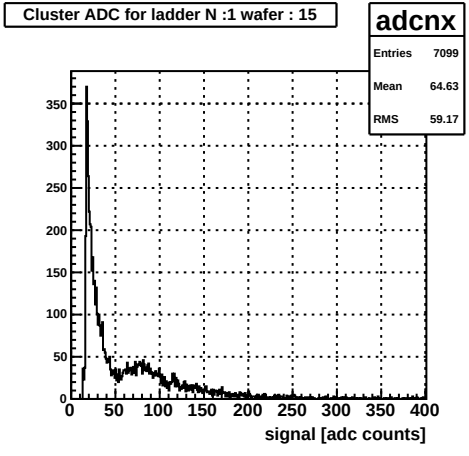

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 3945
Mean 75.79
RMS 60.76
signal [adc counts]

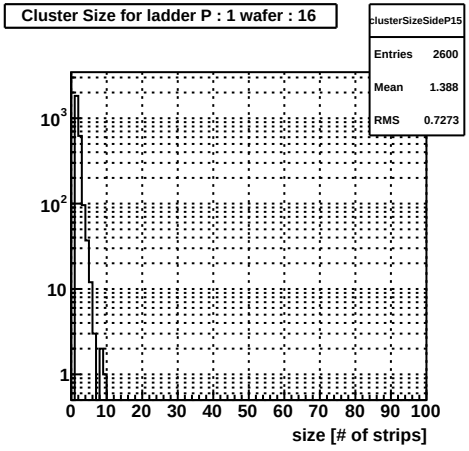

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 6000
Mean 1.333
RMS 0.6553
size [# of strips]

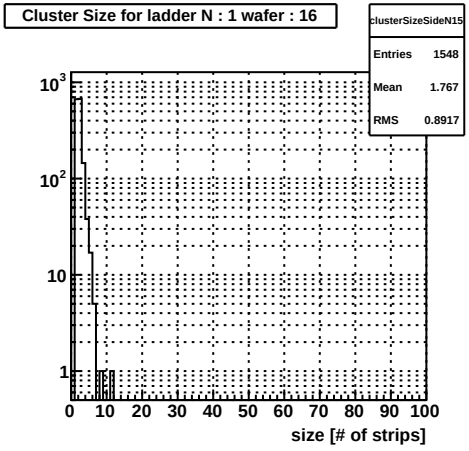

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7099
Mean 1.415
RMS 0.7274
size [# of strips]

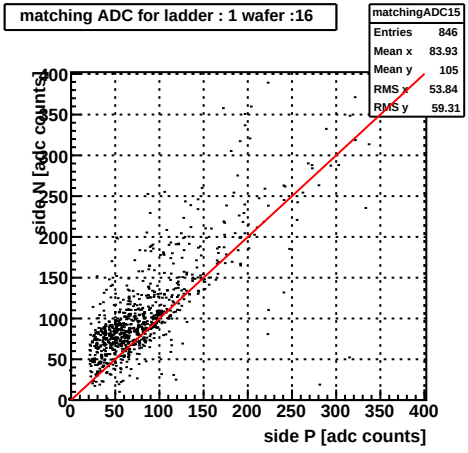

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 3145
Mean x 88.29
Mean y 94.29
RMS x 58.05
RMS y 63.1
side N [adc counts]
side P [adc counts]

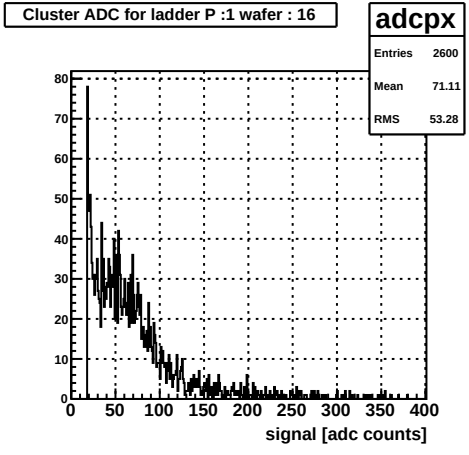

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 6000
Mean 67.57
RMS 53.44
signal [adc counts]

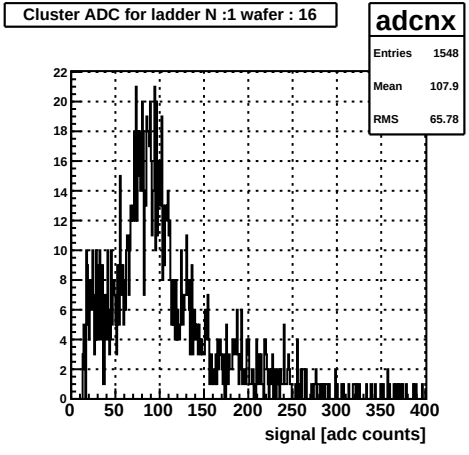

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7099
Mean 64.63
RMS 59.17
signal [adc counts]

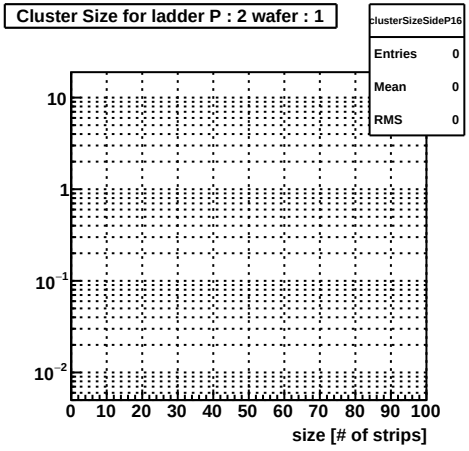

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2600
Mean 1.388
RMS 0.7273
size [# of strips]

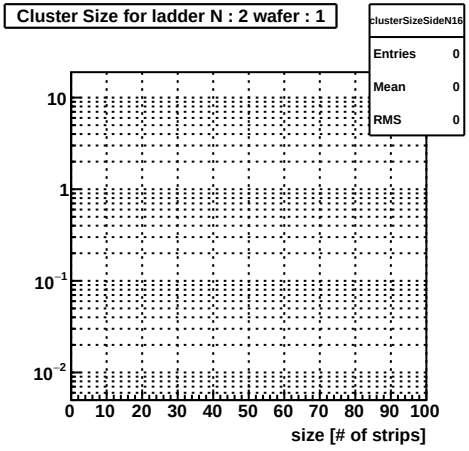

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1548
Mean 1.767
RMS 0.8917
size [# of strips]

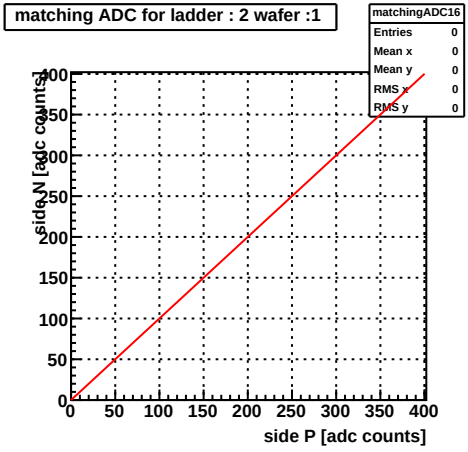

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 846
Mean x 83.93
Mean y 105
RMS x 53.84
RMS y 59.31
side N [adc counts]
side P [adc counts]

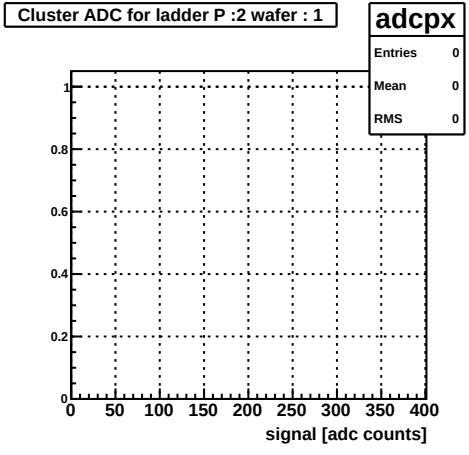

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2600
Mean 71.11
RMS 53.28
signal [adc counts]

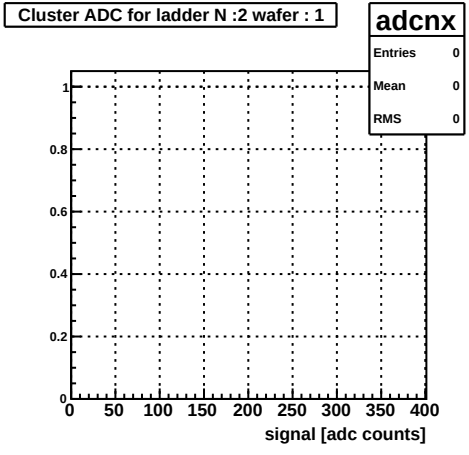

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1548
Mean 107.9
RMS 65.78
signal [adc counts]

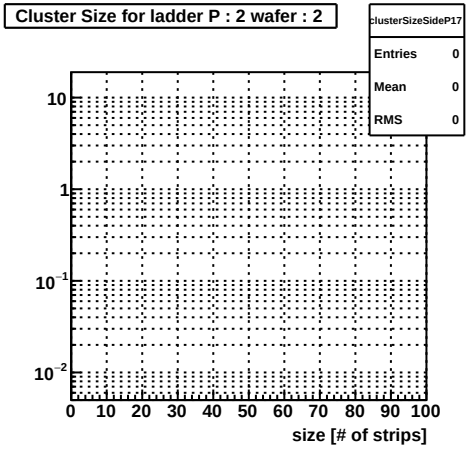

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

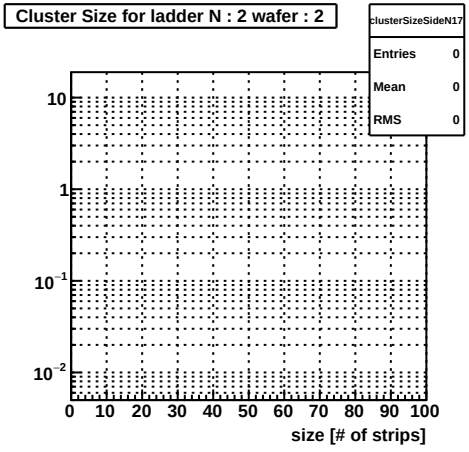

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

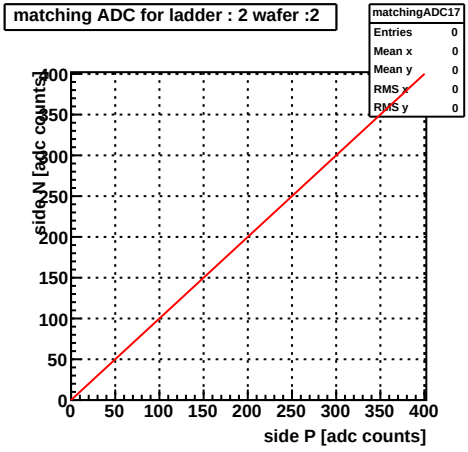

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

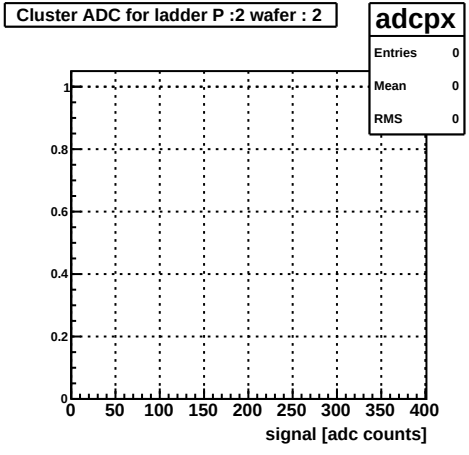

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

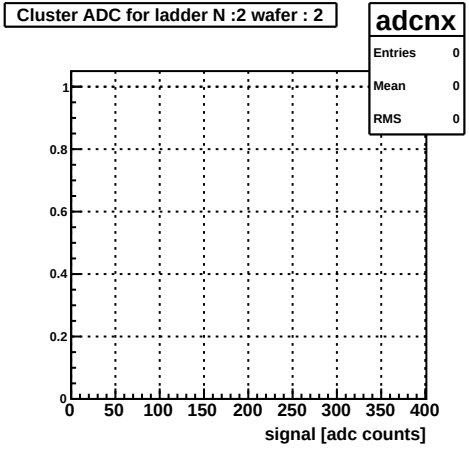

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

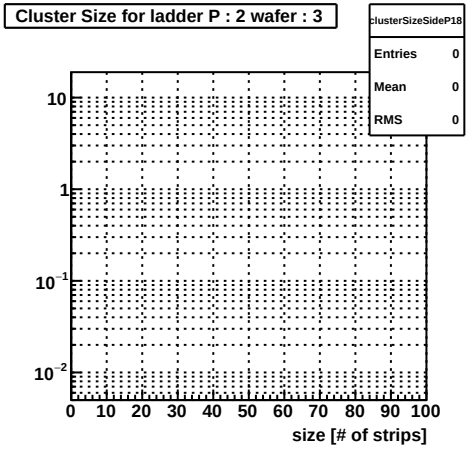

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

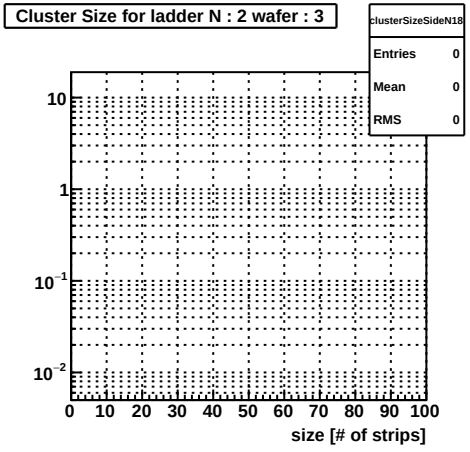

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

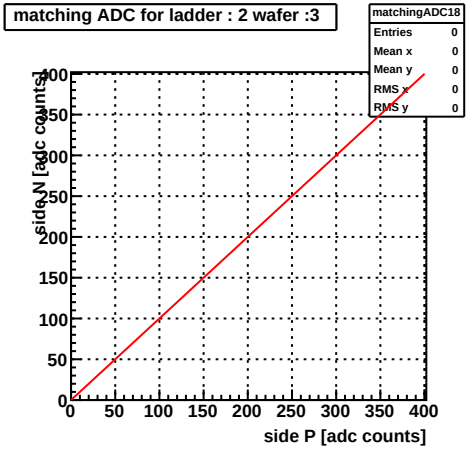

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

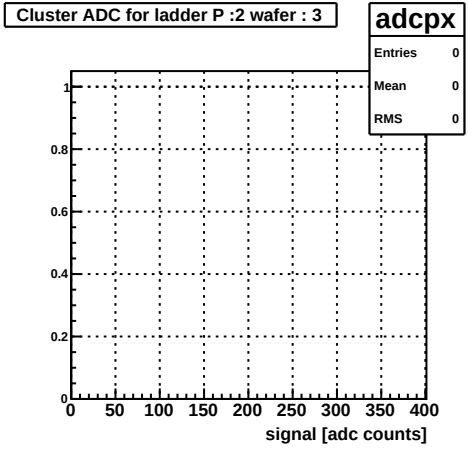

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

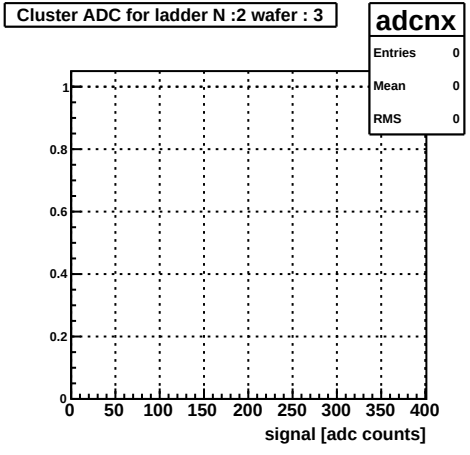

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

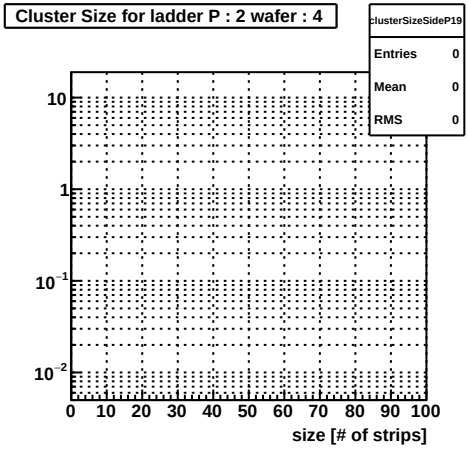

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

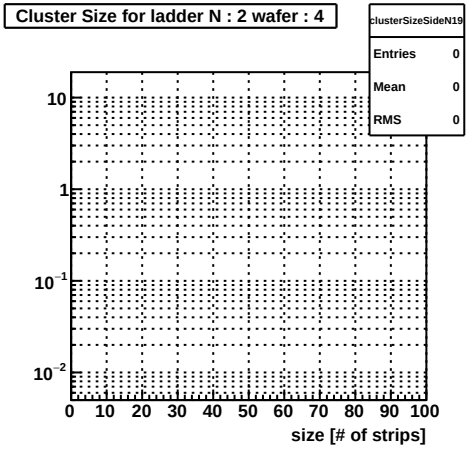

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

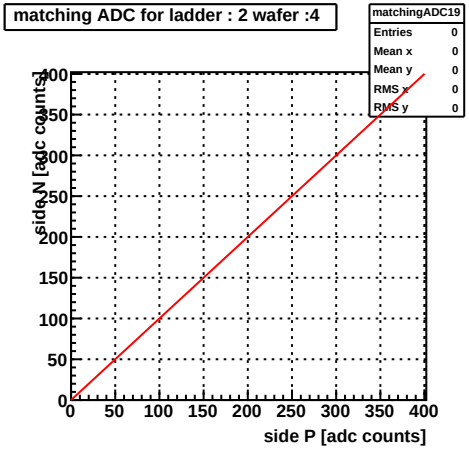

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

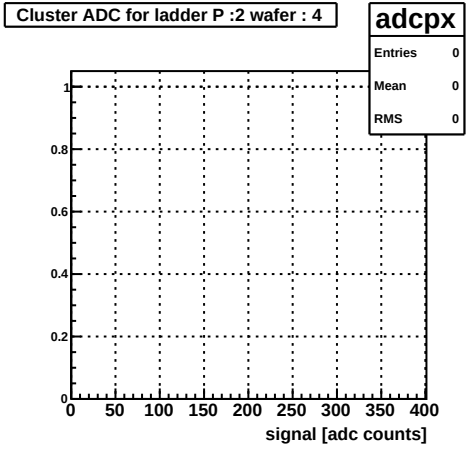

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

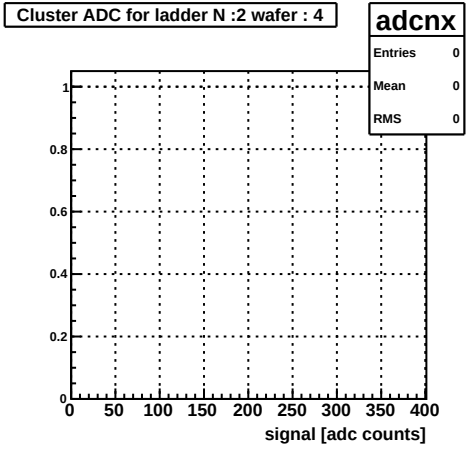

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

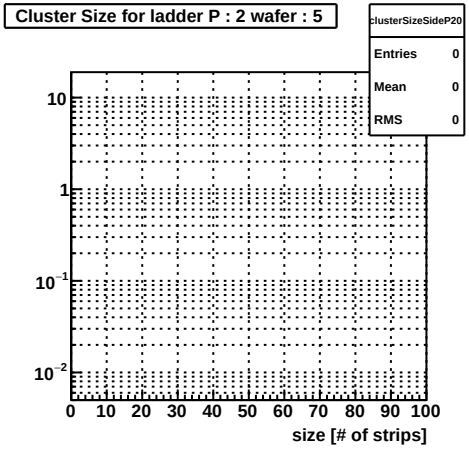

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

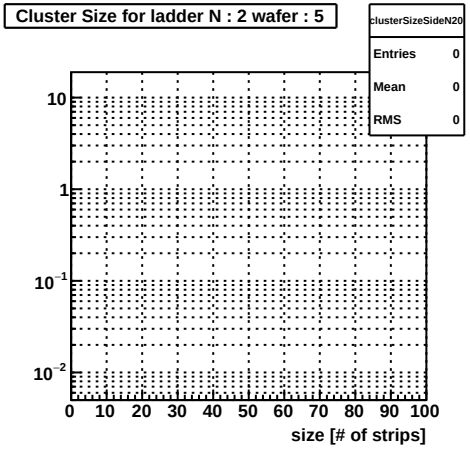

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

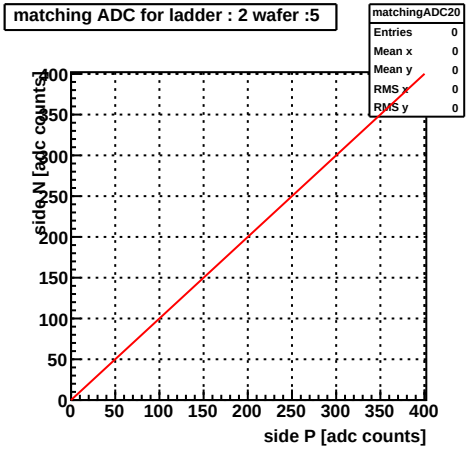

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

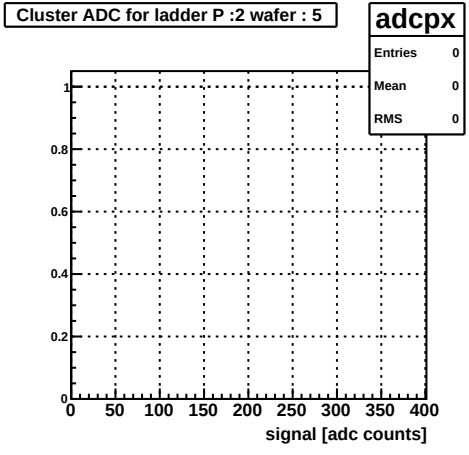

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

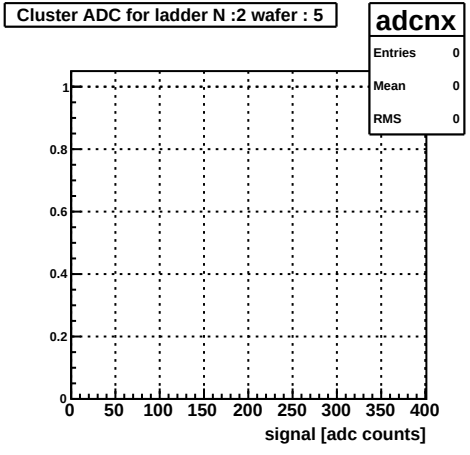

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

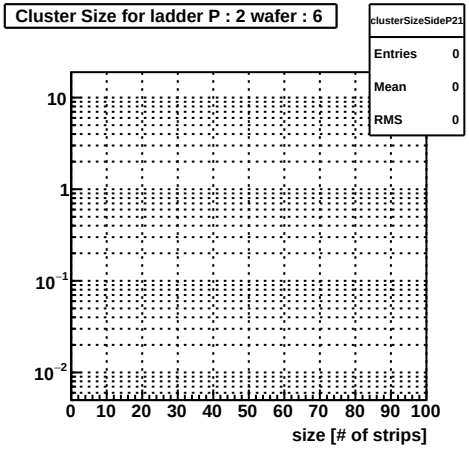

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

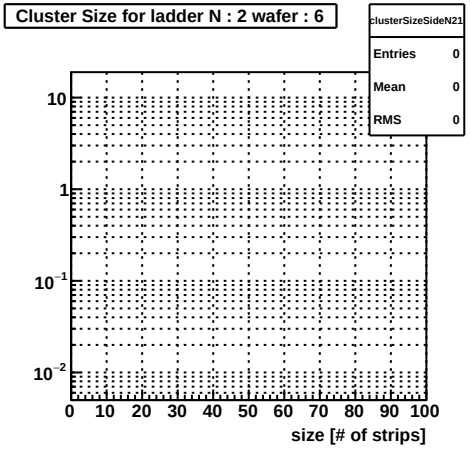

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

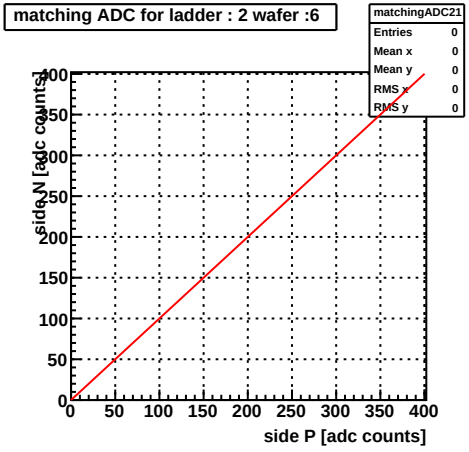

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

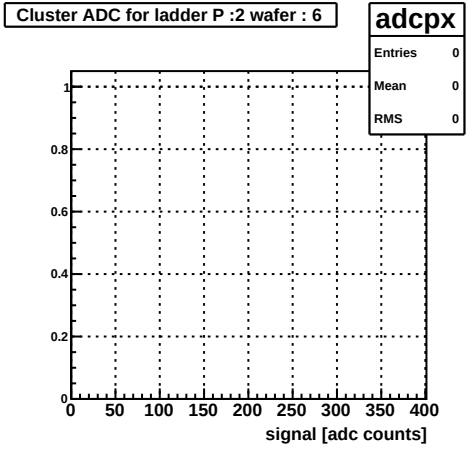

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

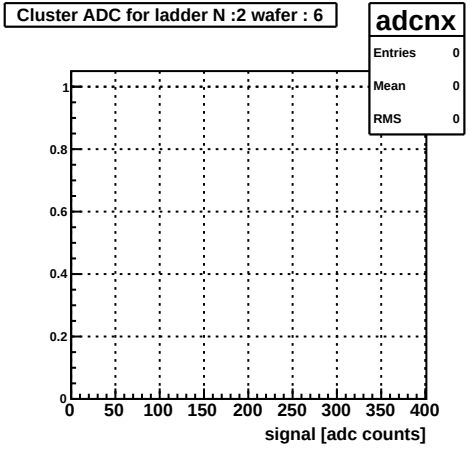

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

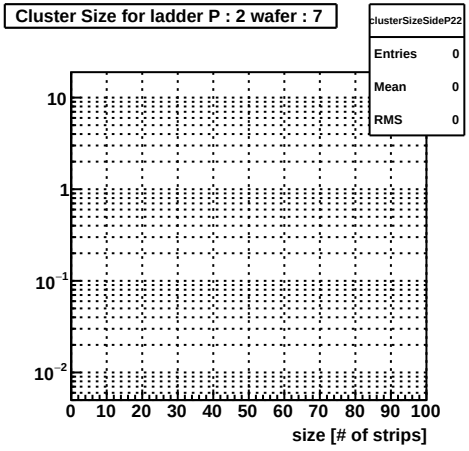

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

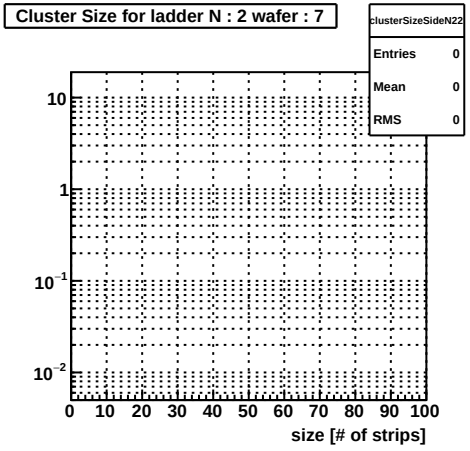

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

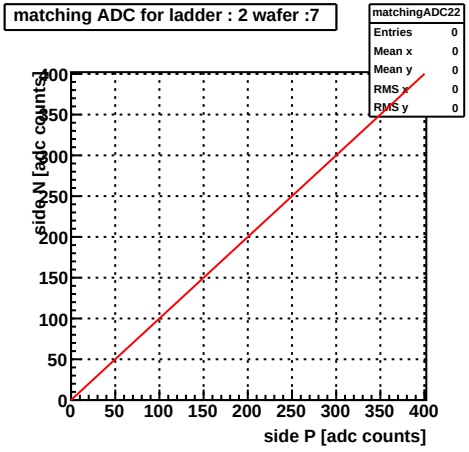

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

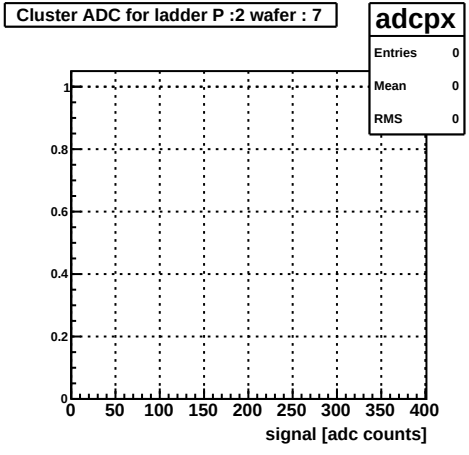

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

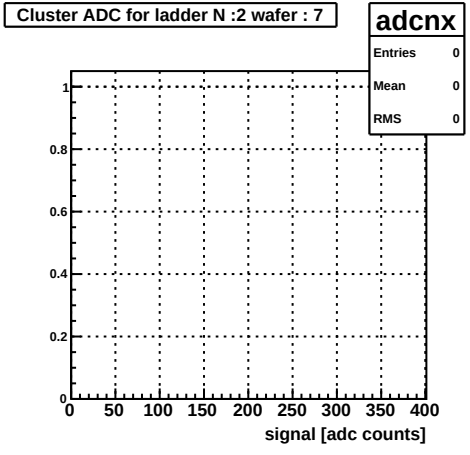

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

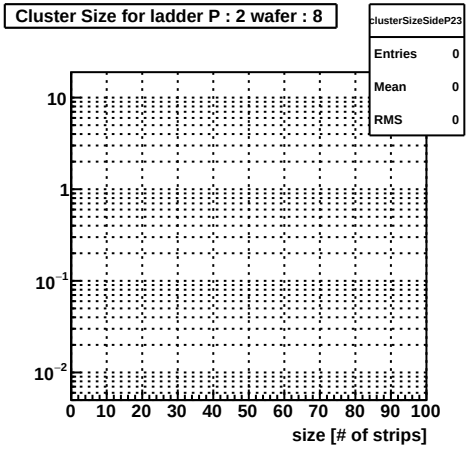

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

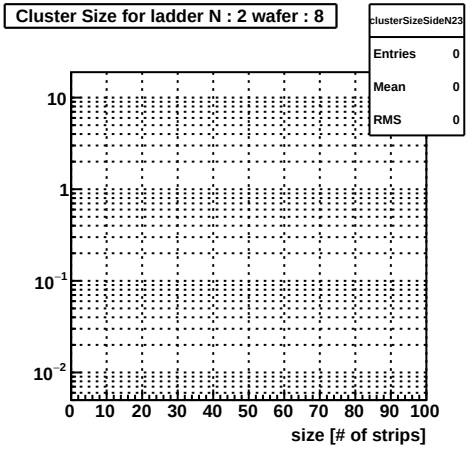

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

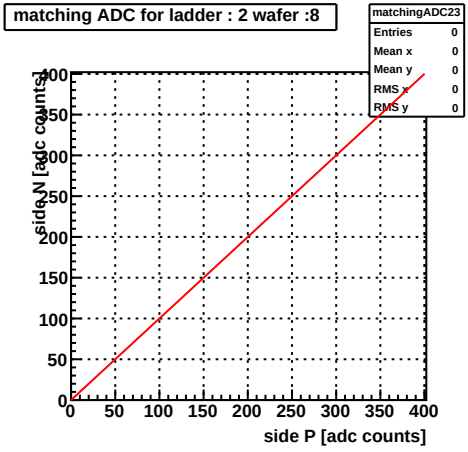

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

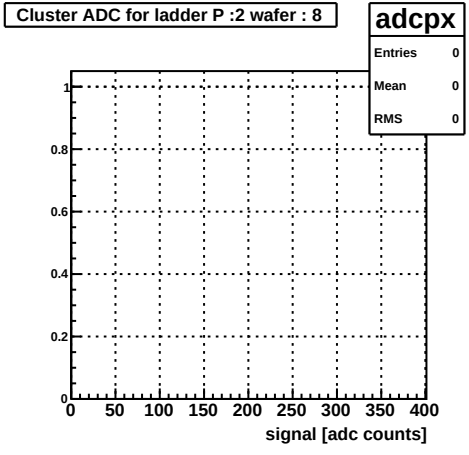

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

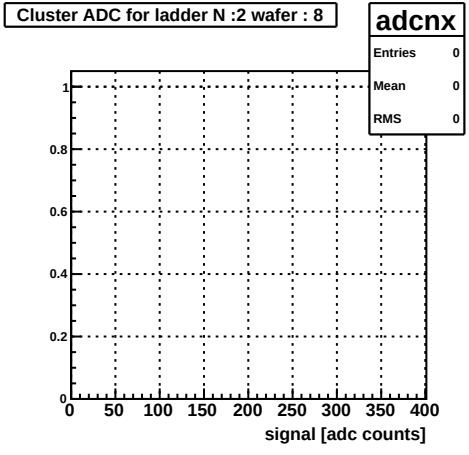

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

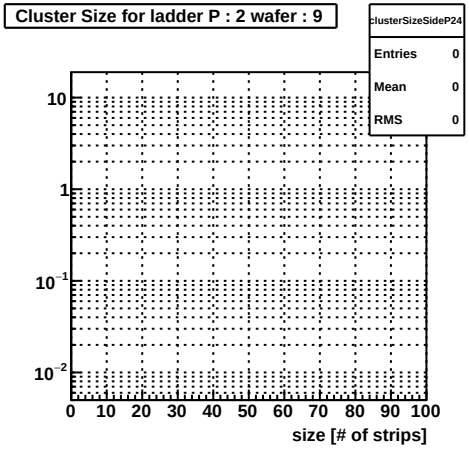

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

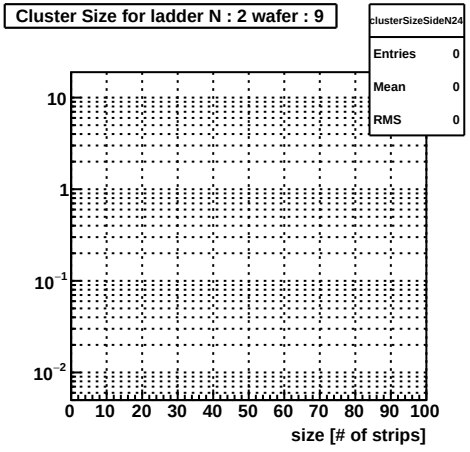

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

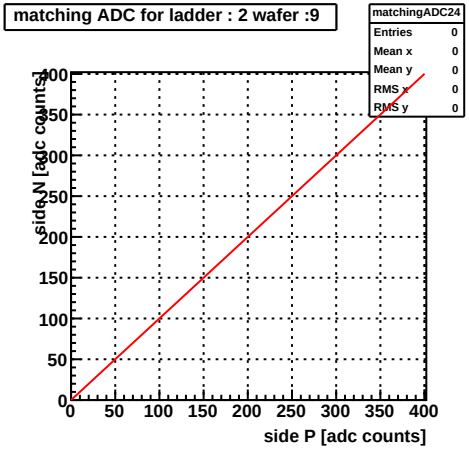

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

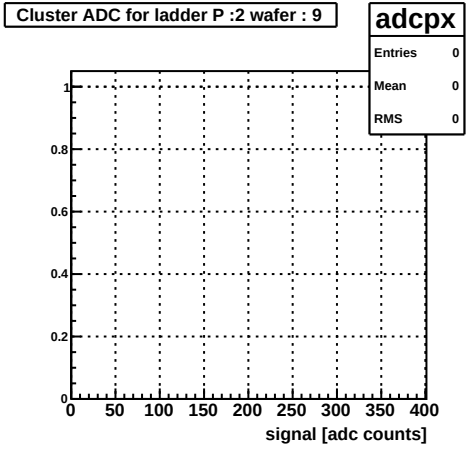

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

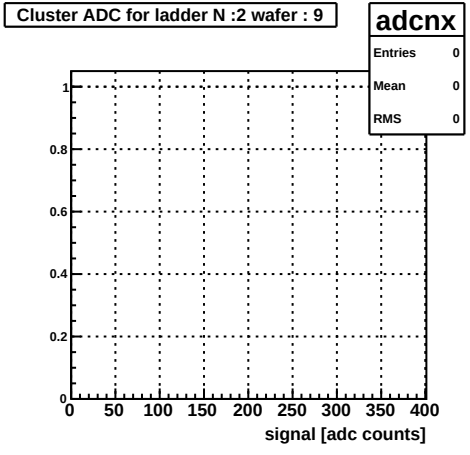

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

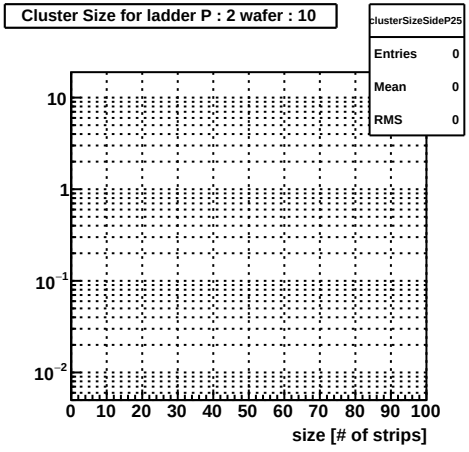

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

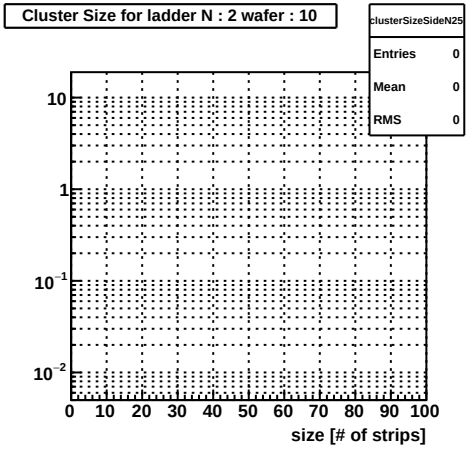

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

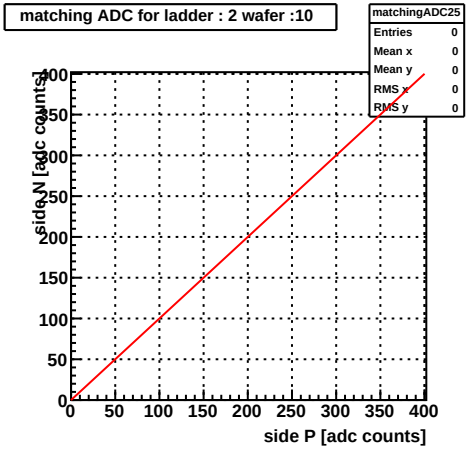

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

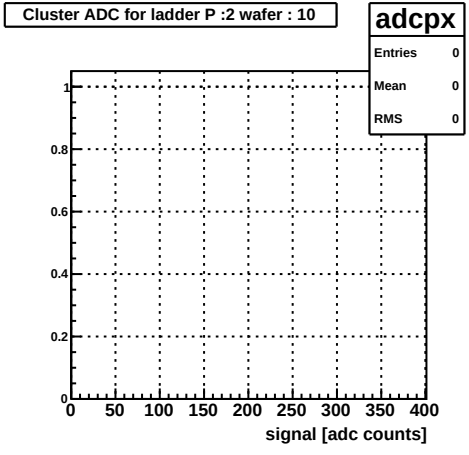

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

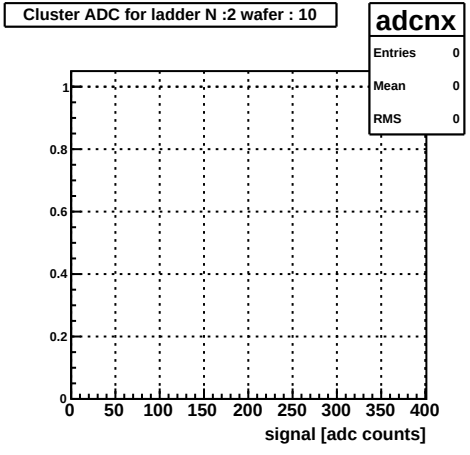

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

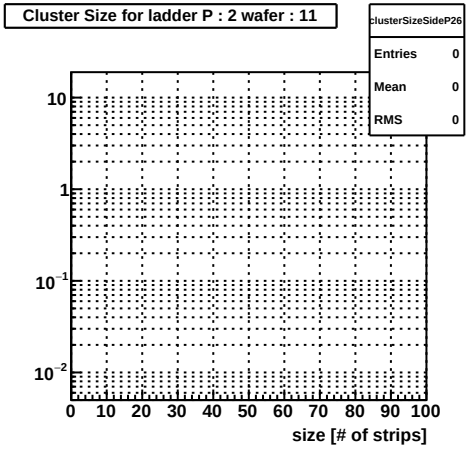

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

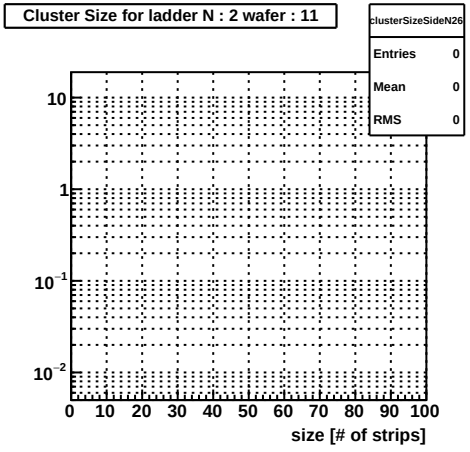

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

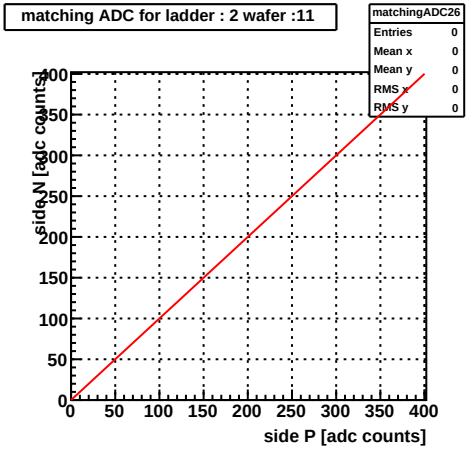

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

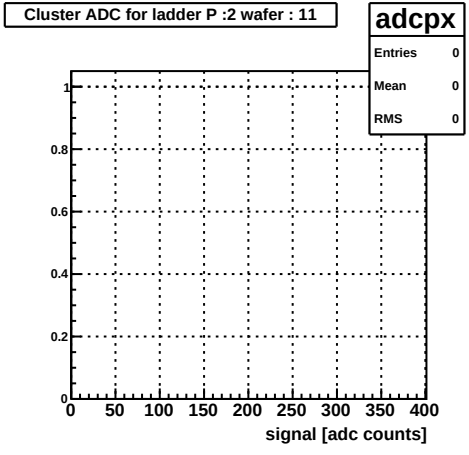

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

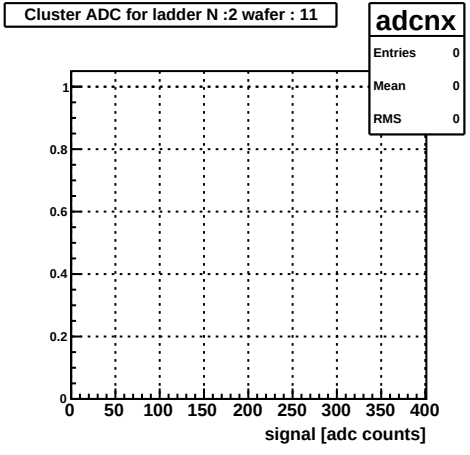

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

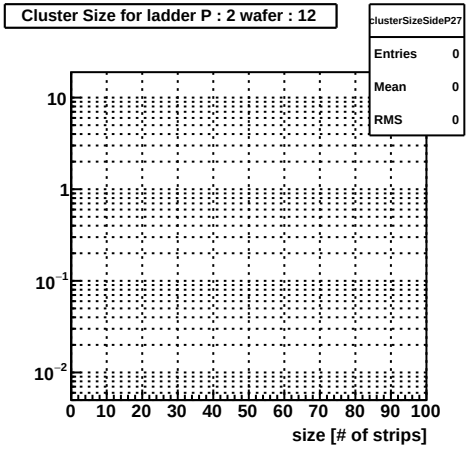

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

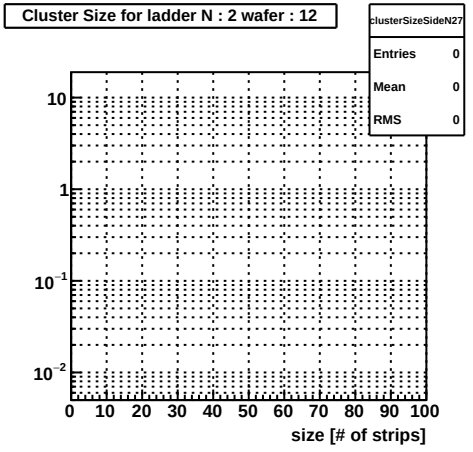

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

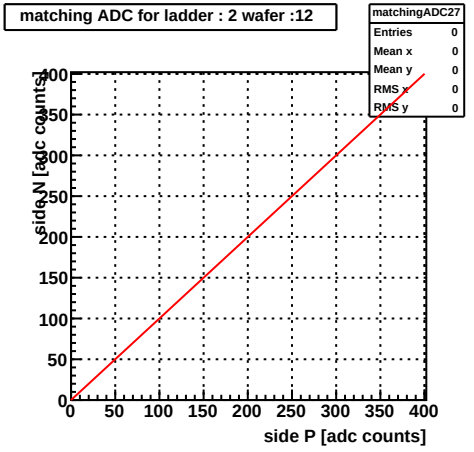

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

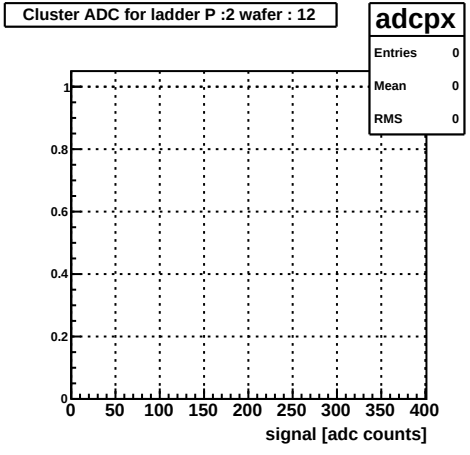

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

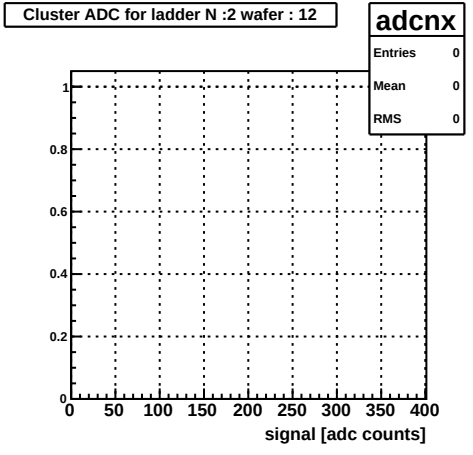

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

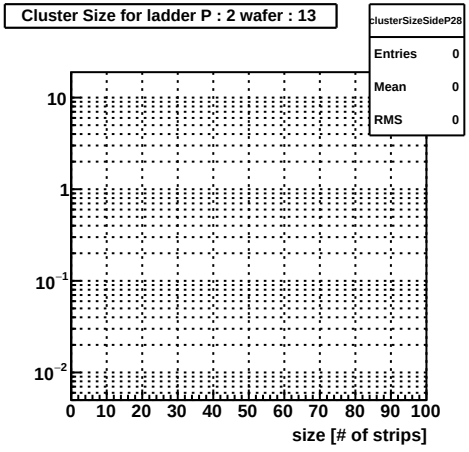

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

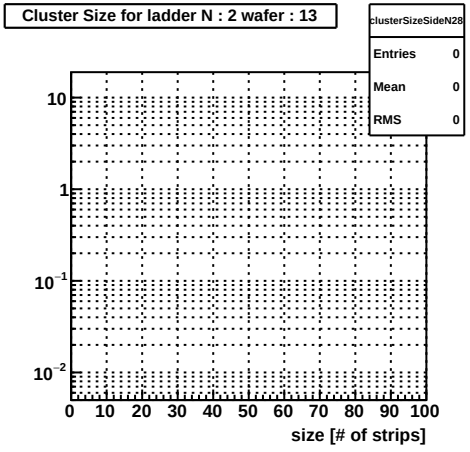

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

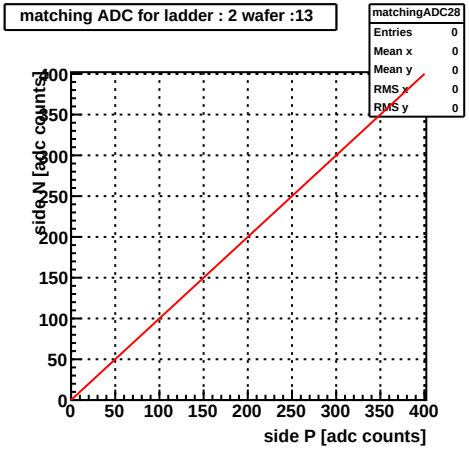

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

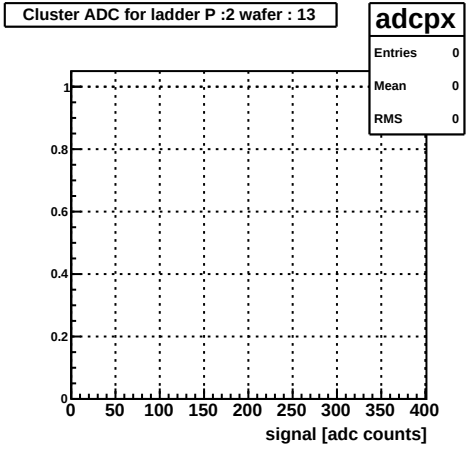

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

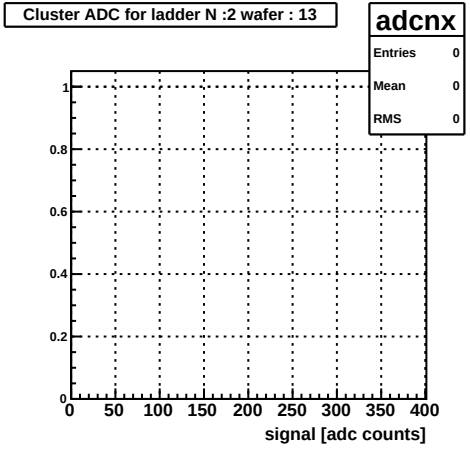

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

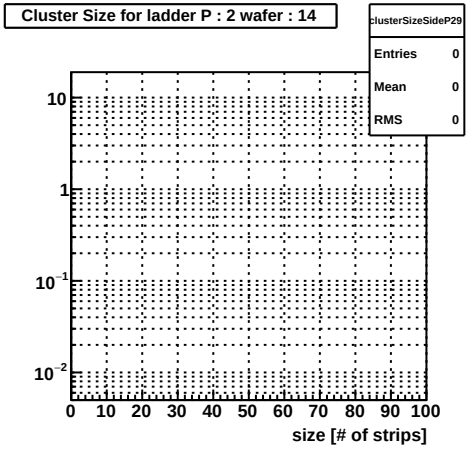

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

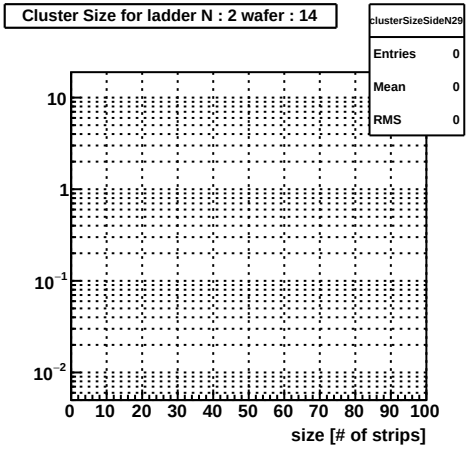

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

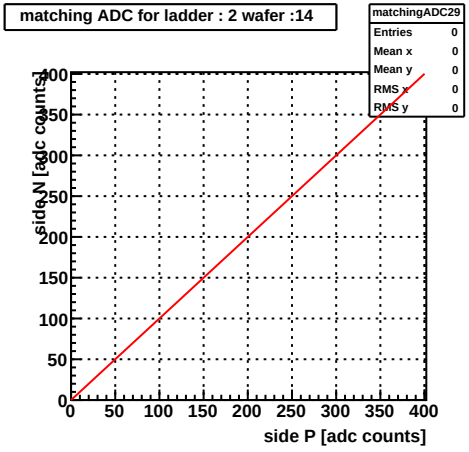

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

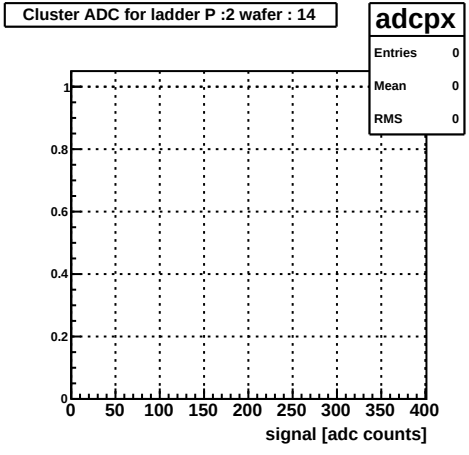

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

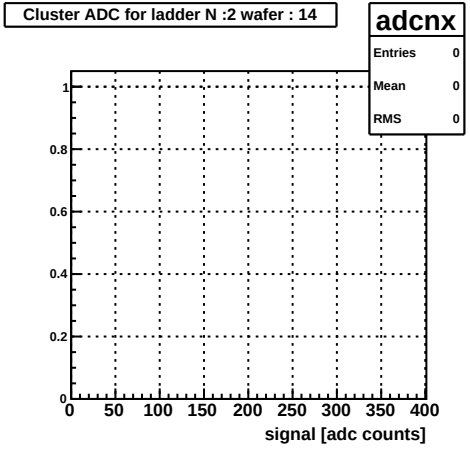

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

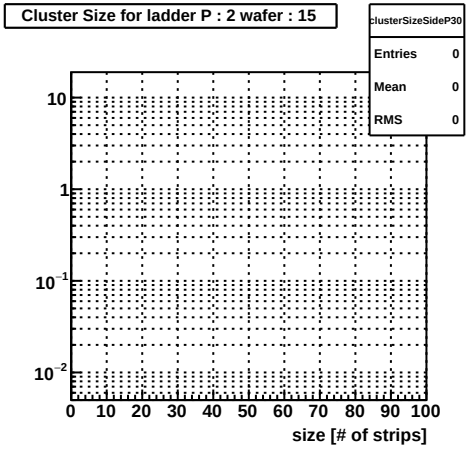

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

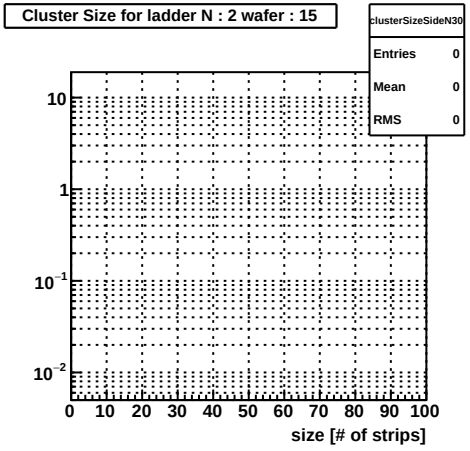

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

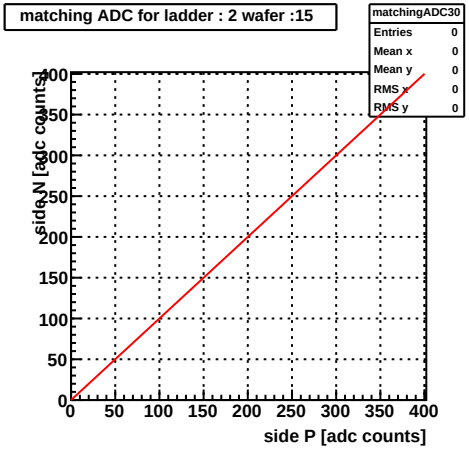

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

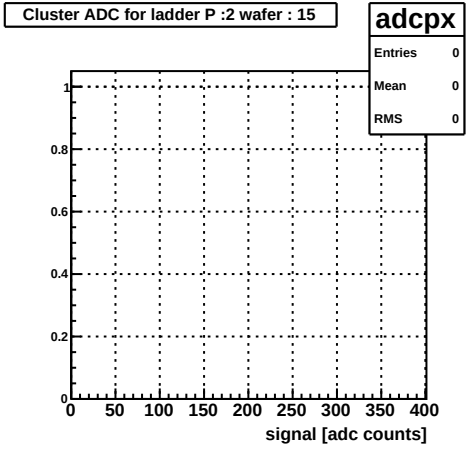

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

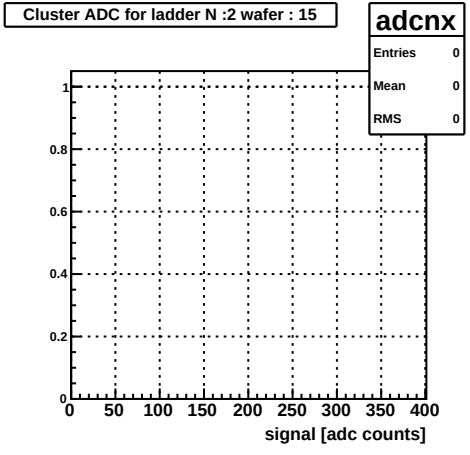

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

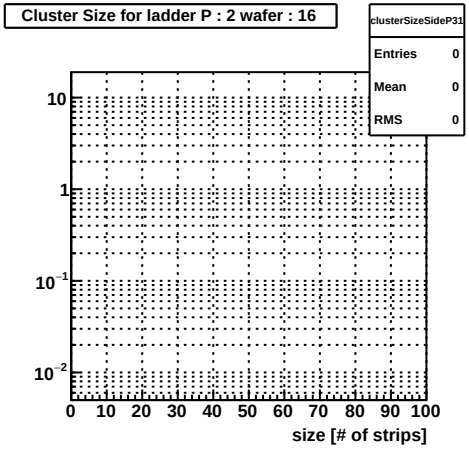

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

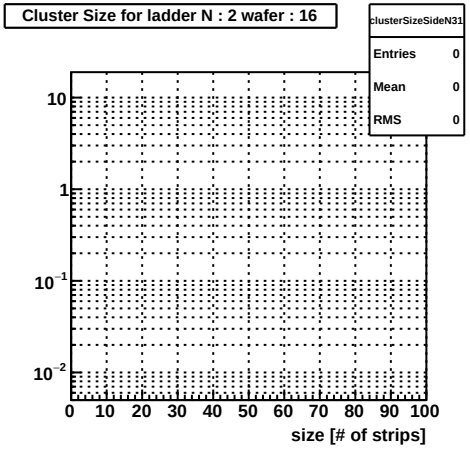

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

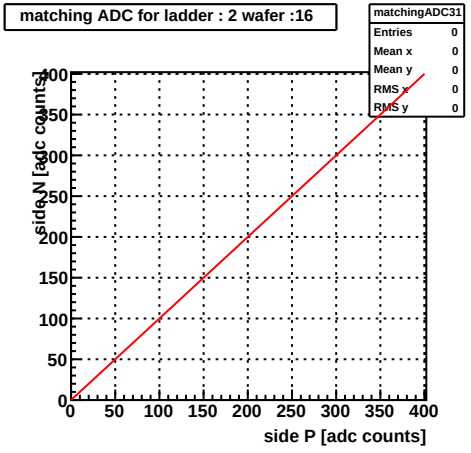

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

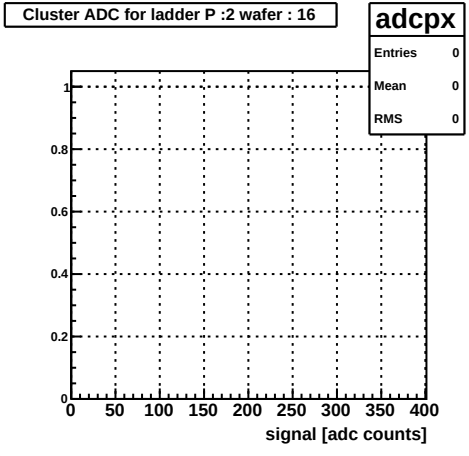

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

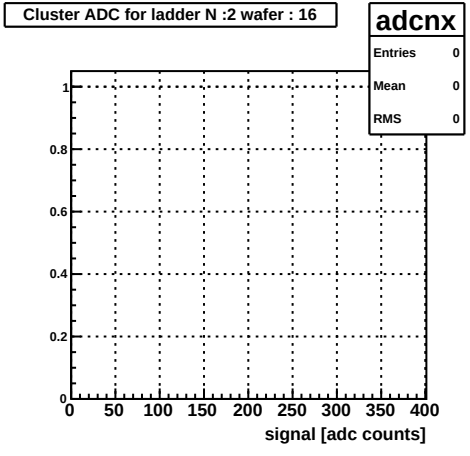

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

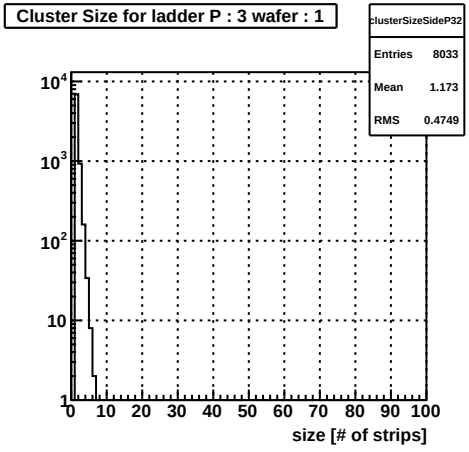

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

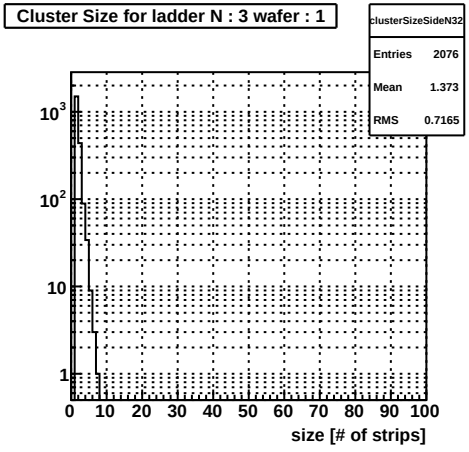

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

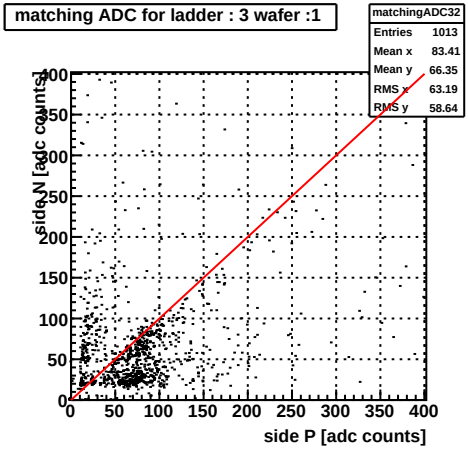

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

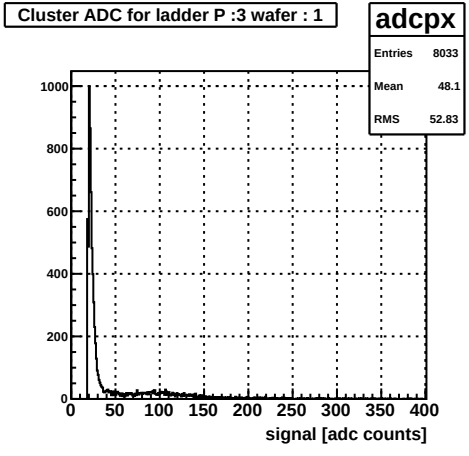

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

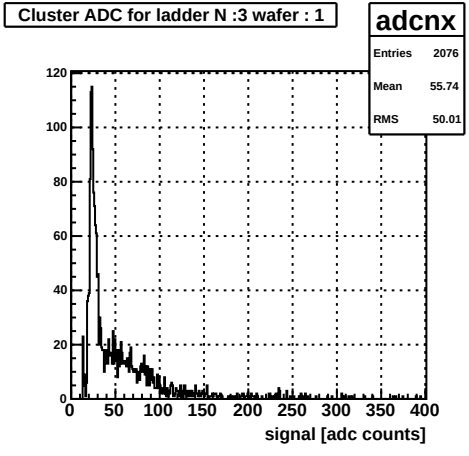

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

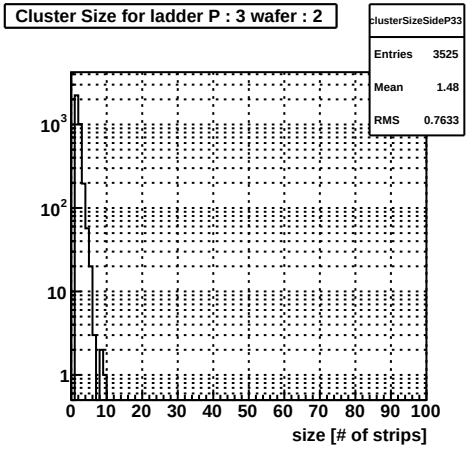

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 8033
Mean 1.173
RMS 0.4749
size [# of strips]

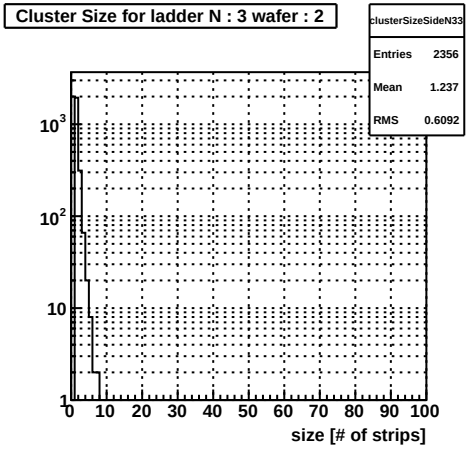

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2076
Mean 1.373
RMS 0.7165
size [# of strips]

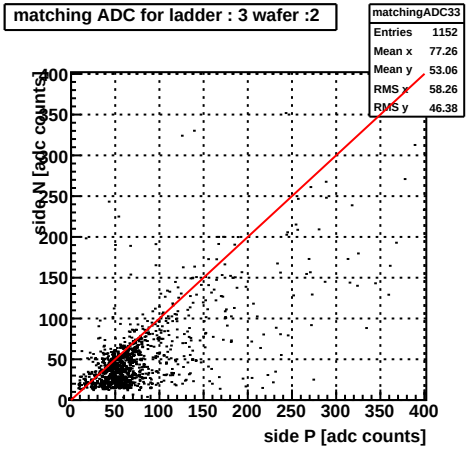

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 1013
Mean x 83.41
Mean y 66.35
RMS x 63.19
RMS y 58.64
side N [adc counts]
side P [adc counts]

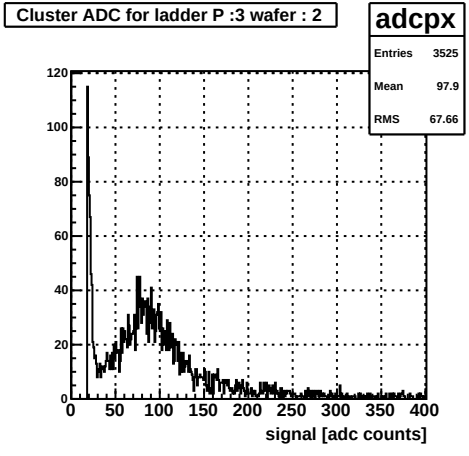

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 8033
Mean 48.1
RMS 52.83
signal [adc counts]

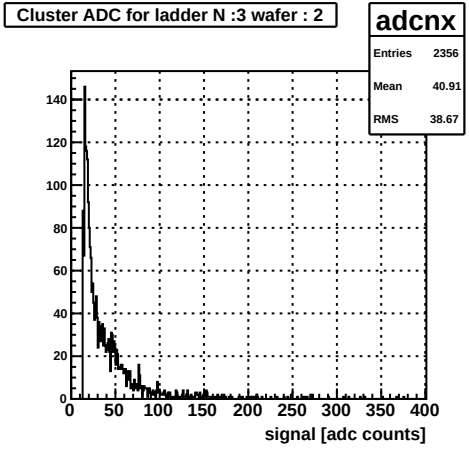

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2076
Mean 55.74
RMS 50.01
signal [adc counts]

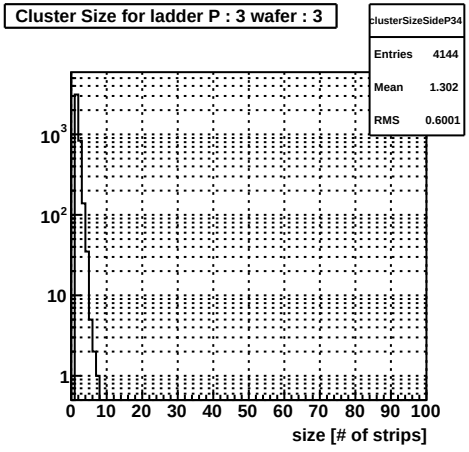

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 3525
Mean 1.48
RMS 0.7633
size [# of strips]

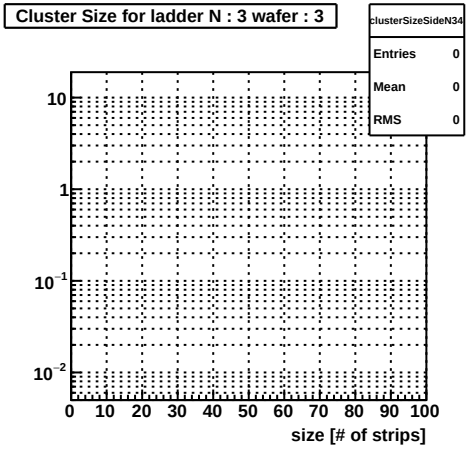

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2356
Mean 1.237
RMS 0.6092
size [# of strips]

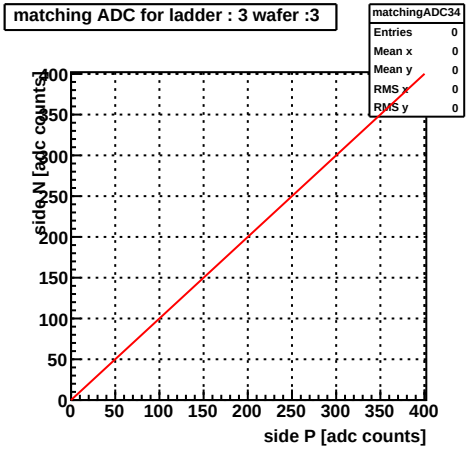

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1152
Mean x 77.26
Mean y 53.06
RMS x 58.26
RMS y 46.38
side N [adc counts]
side P [adc counts]

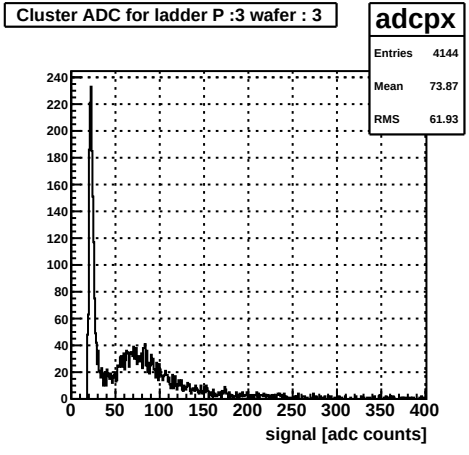

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 3525
Mean 97.9
RMS 67.66
signal [adc counts]

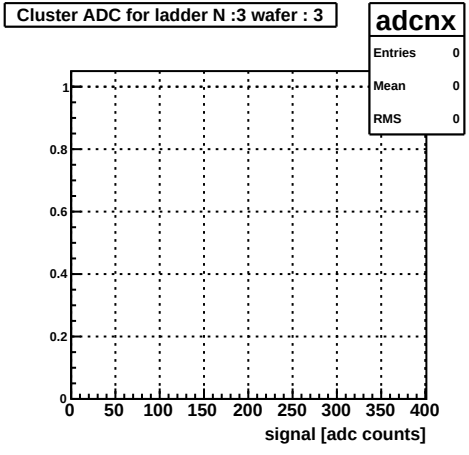

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2356
Mean 40.91
RMS 38.67
signal [adc counts]

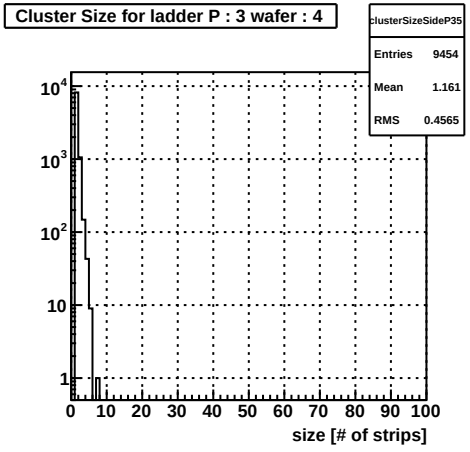

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4144
Mean 1.302
RMS 0.6001
size [# of strips]

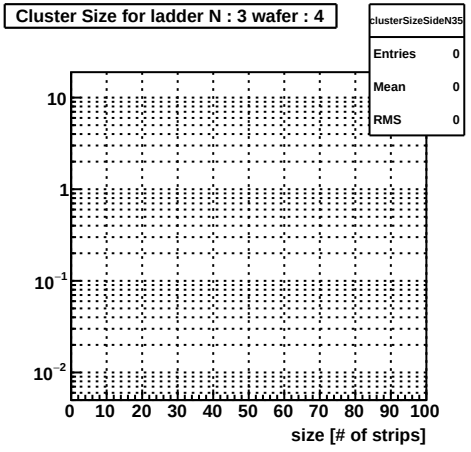

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

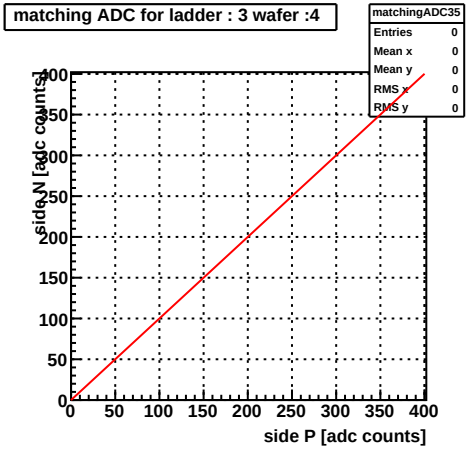

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

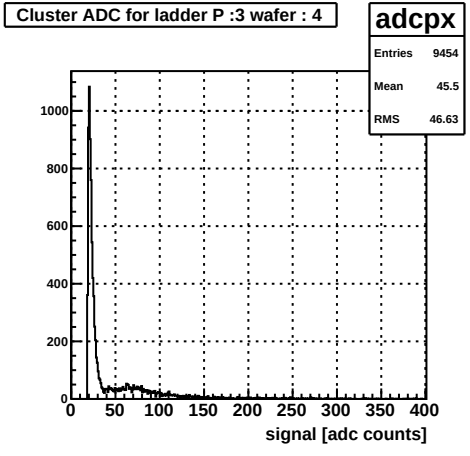

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4144
Mean 73.87
RMS 61.93
signal [adc counts]

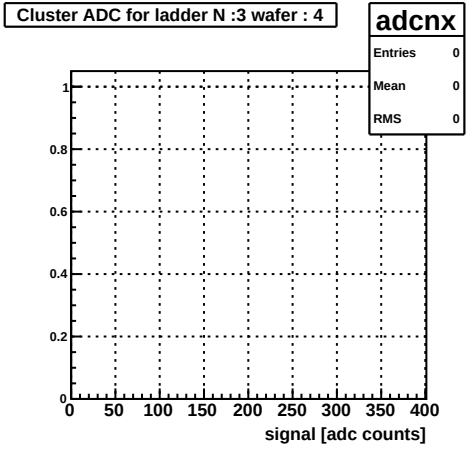

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

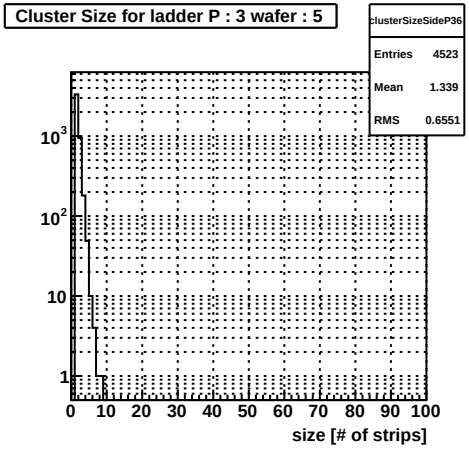

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 9454
Mean 1.161
RMS 0.4565
size [# of strips]

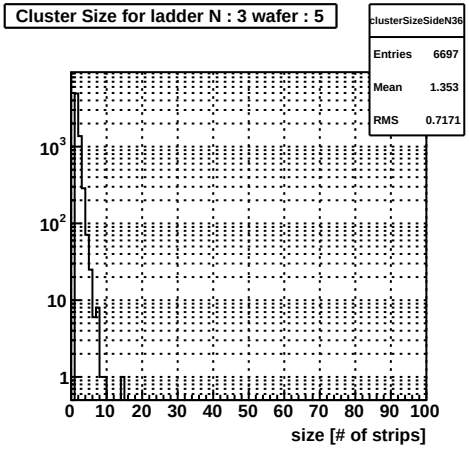

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

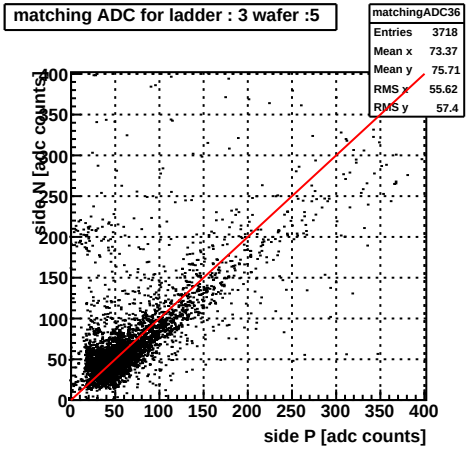

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

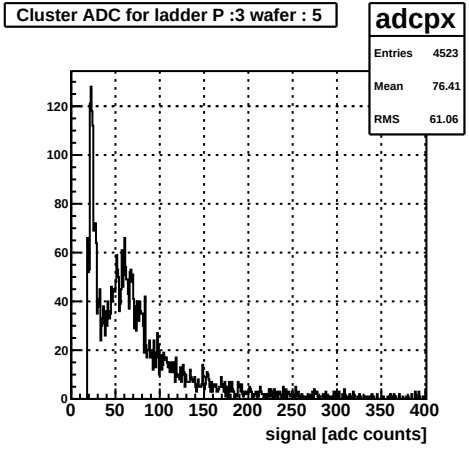

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 9454
Mean 45.5
RMS 46.63
signal [adc counts]

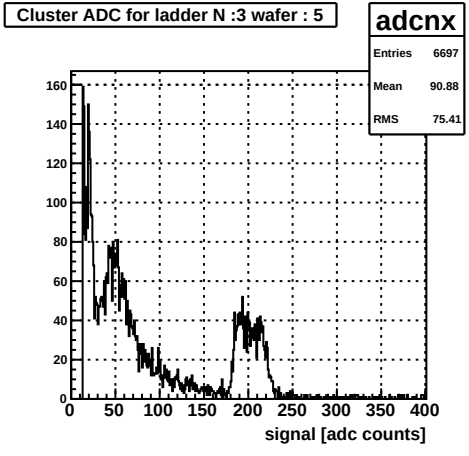

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

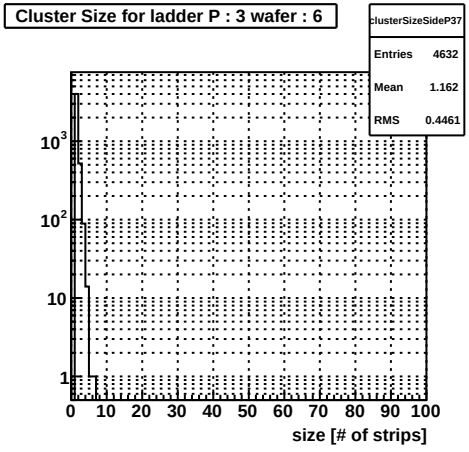

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 4523
Mean 1.339
RMS 0.6551
size [# of strips]

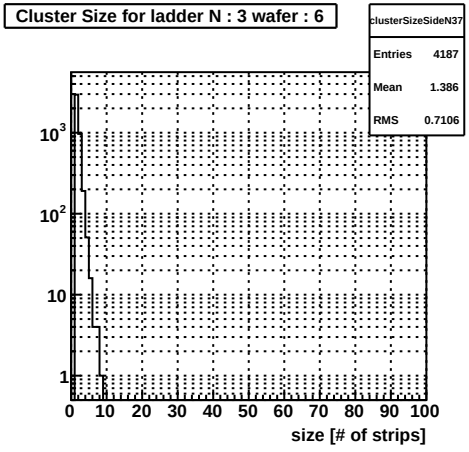

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6697
Mean 1.353
RMS 0.7171
size [# of strips]

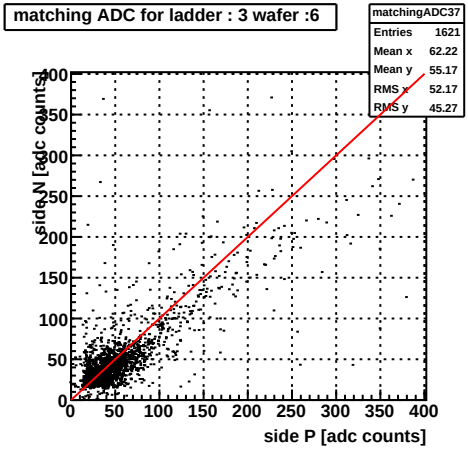

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 3718
Mean x 73.37
Mean y 75.71
RMS x 55.62
RMS y 57.4
side N [adc counts]
side P [adc counts]

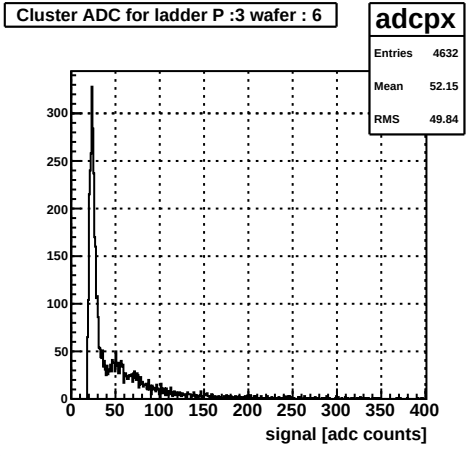

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 4523
Mean 76.41
RMS 61.06
signal [adc counts]

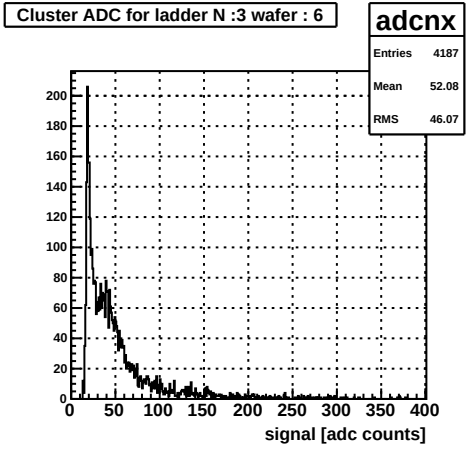

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6697
Mean 90.88
RMS 75.41
signal [adc counts]

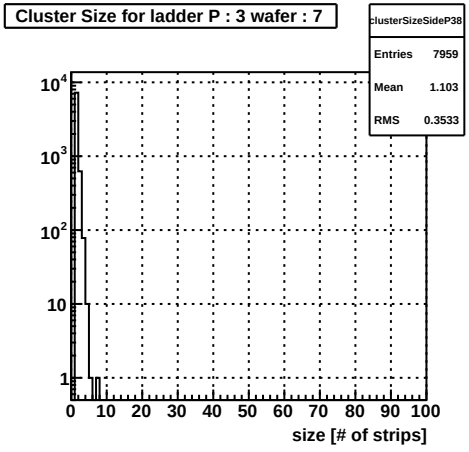

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4632
Mean 1.162
RMS 0.4461
size [# of strips]

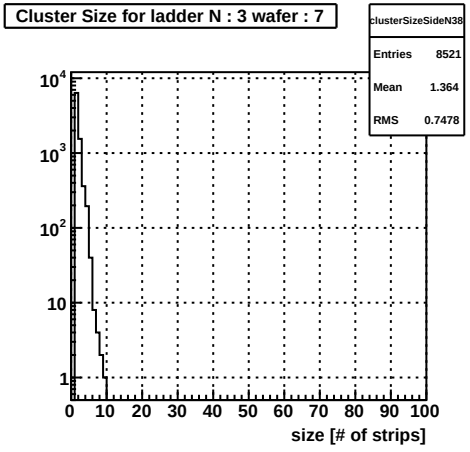

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4187
Mean 1.386
RMS 0.7106
size [# of strips]

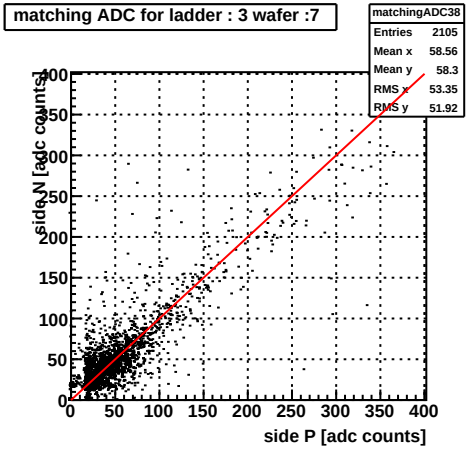

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1621
Mean x 62.22
Mean y 55.17
RMS x 52.17
RMS y 45.27
side N [adc counts]
side P [adc counts]

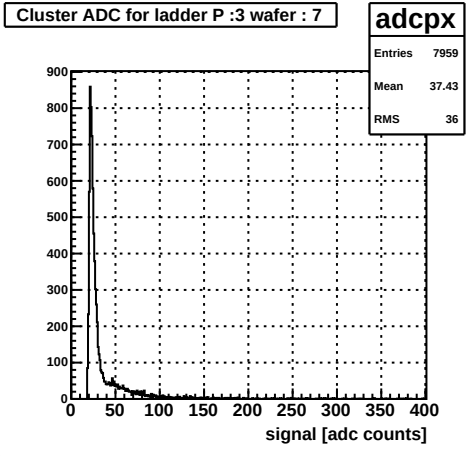

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4632
Mean 52.15
RMS 49.84
signal [adc counts]

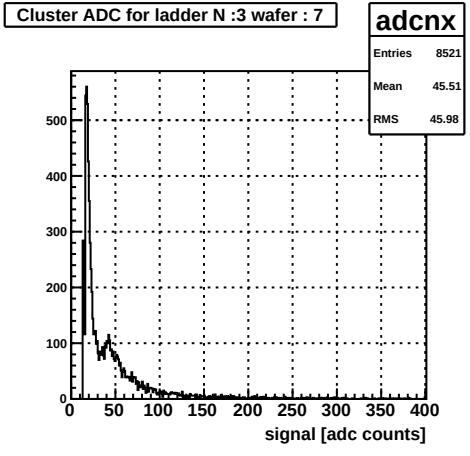

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4187
Mean 52.08
RMS 46.07
signal [adc counts]

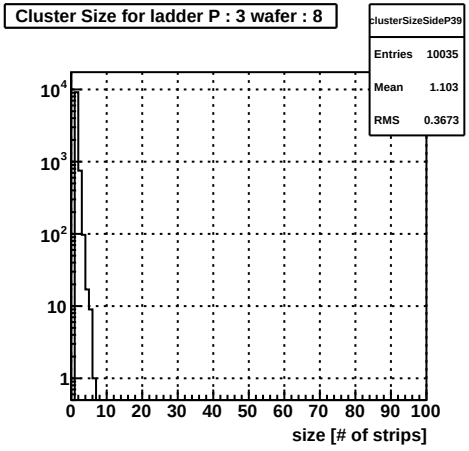

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 7959
Mean 1.103
RMS 0.3533
size [# of strips]

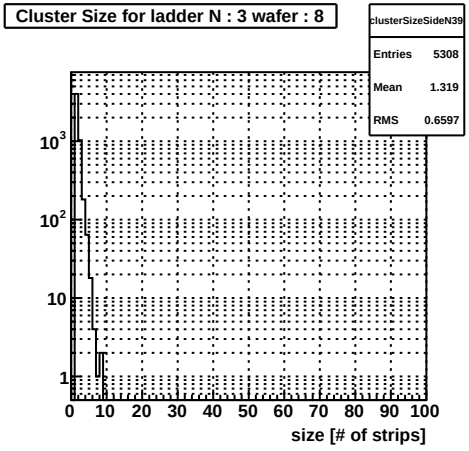

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8521
Mean 1.364
RMS 0.7478
size [# of strips]

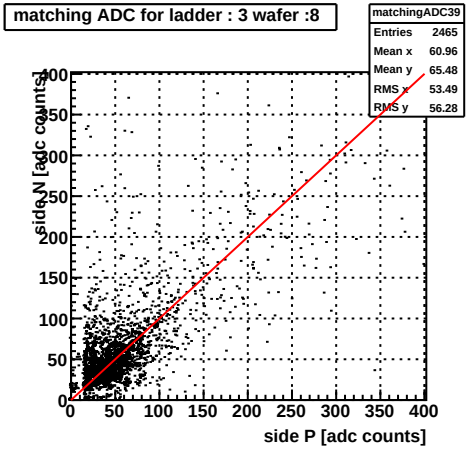

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 2105
Mean x 58.56
Mean y 58.3
RMS x 53.35
RMS y 51.92
side N [adc counts]
side P [adc counts]

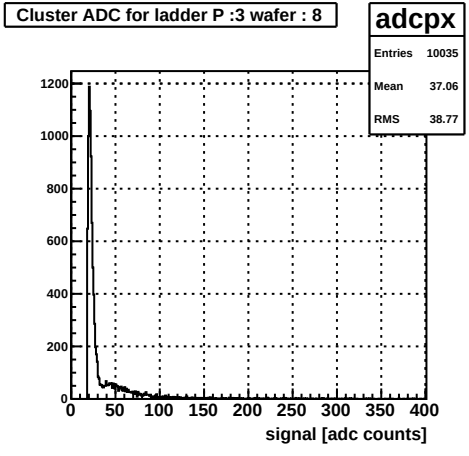

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 7959
Mean 37.43
RMS 36
signal [adc counts]

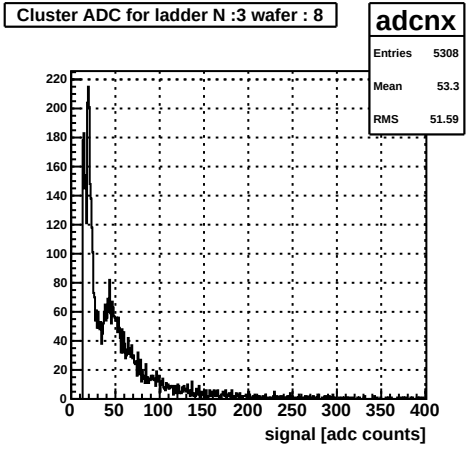

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8521
Mean 45.51
RMS 45.98
signal [adc counts]

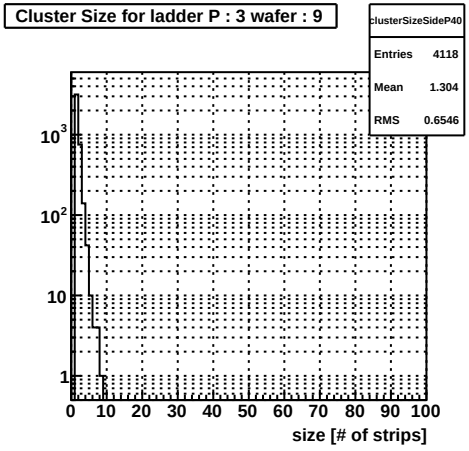

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 10035
Mean 1.103
RMS 0.3673
size [# of strips]

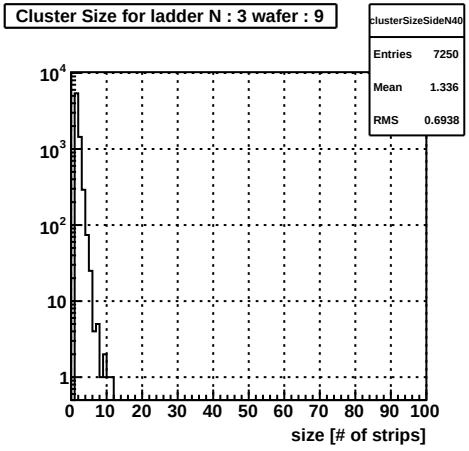

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 5308
Mean 1.319
RMS 0.6597
size [# of strips]

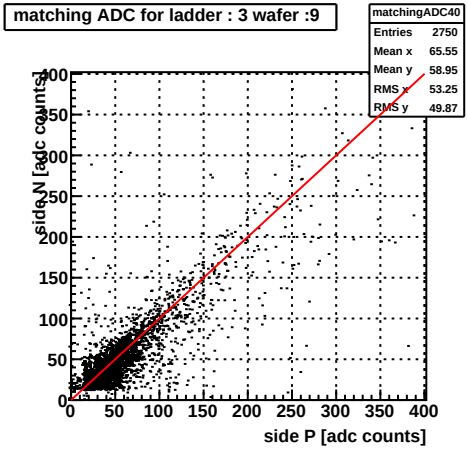

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 2465
Mean x 60.96
Mean y 65.48
RMS x 53.49
RMS y 56.28
side N [adc counts]
side P [adc counts]

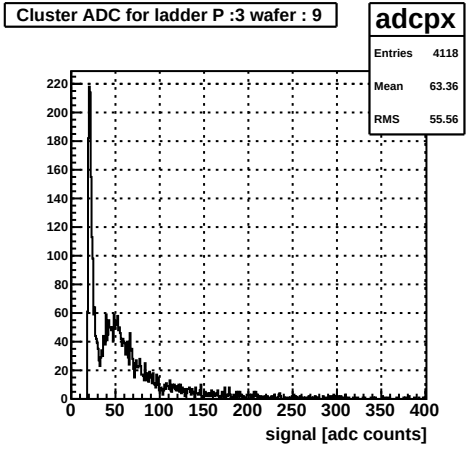

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 10035
Mean 37.06
RMS 38.77
signal [adc counts]

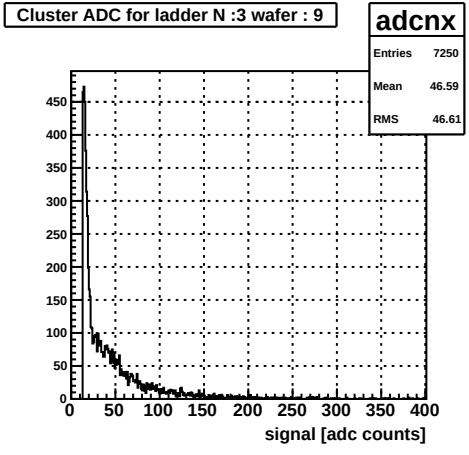

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 5308
Mean 53.3
RMS 51.59
signal [adc counts]

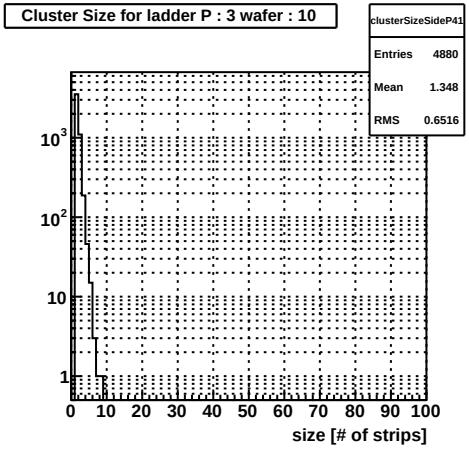

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4118
Mean 1.304
RMS 0.6546
size [# of strips]

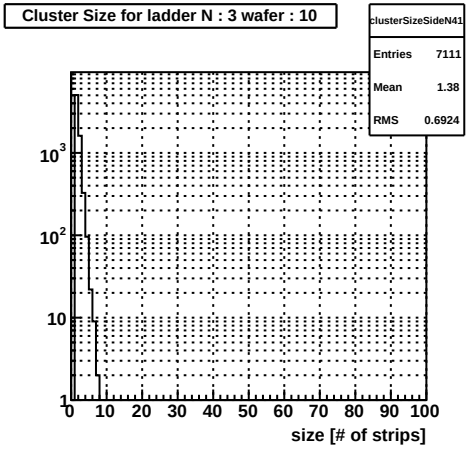

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7250
Mean 1.336
RMS 0.6938
size [# of strips]

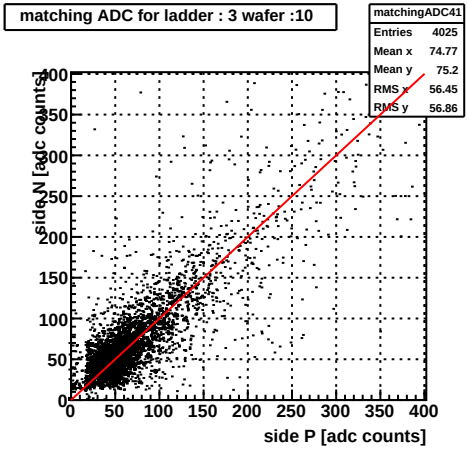

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 2750
Mean x 65.55
Mean y 58.95
RMS x 53.25
RMS y 49.87
side N [adc counts]
side P [adc counts]

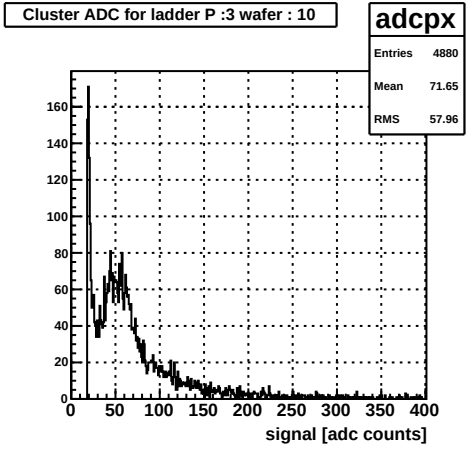

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4118
Mean 63.36
RMS 55.56
signal [adc counts]

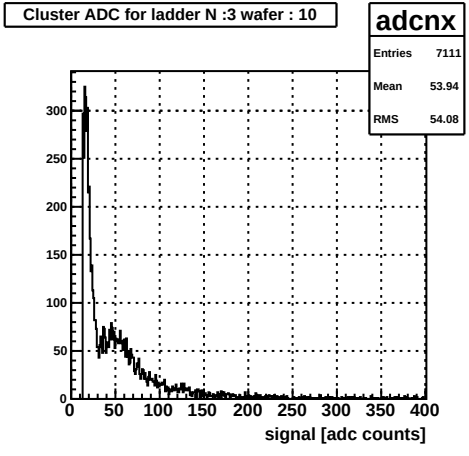

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7250
Mean 46.59
RMS 46.61
signal [adc counts]

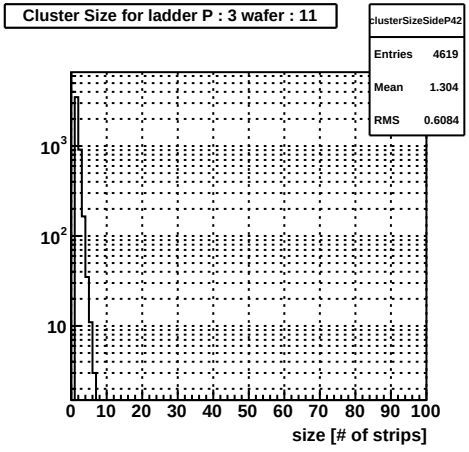

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 4880
Mean 1.348
RMS 0.6516
size [# of strips]

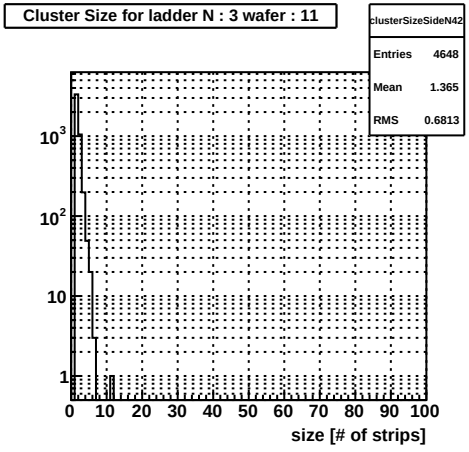

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 7111
Mean 1.38
RMS 0.6924
size [# of strips]

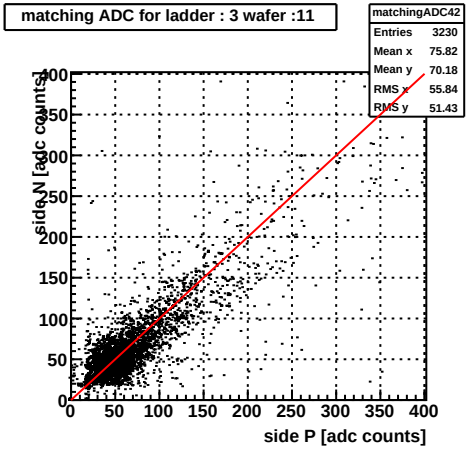

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 4025
Mean x 74.77
Mean y 75.2
RMS x 56.45
RMS y 56.86
side N [adc counts]
side P [adc counts]

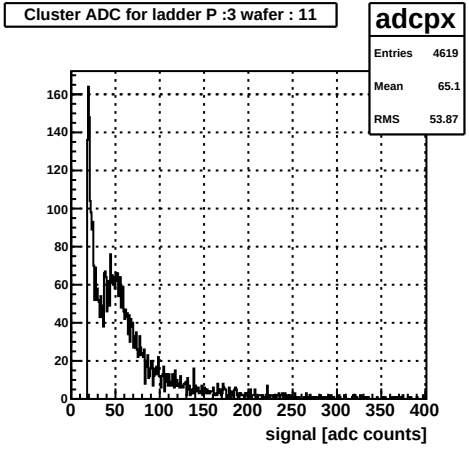

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 4880
Mean 71.65
RMS 57.96
signal [adc counts]

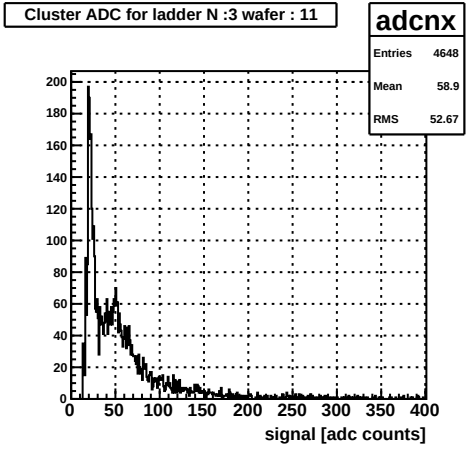

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 7111
Mean 53.94
RMS 54.08
signal [adc counts]

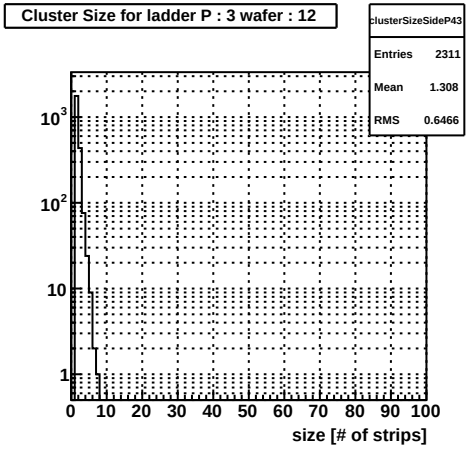

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 4619
Mean 1.304
RMS 0.6084
size [# of strips]

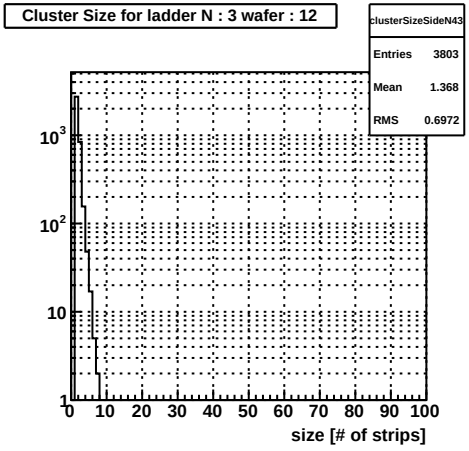

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4648
Mean 1.365
RMS 0.6813
size [# of strips]

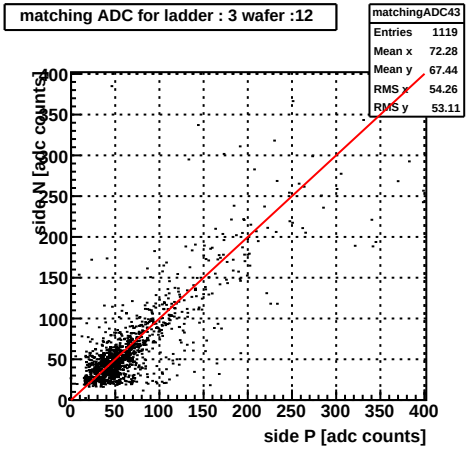

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 3230
Mean x 75.82
Mean y 70.18
RMS x 55.84
RMS y 51.43
side N [adc counts]
side P [adc counts]

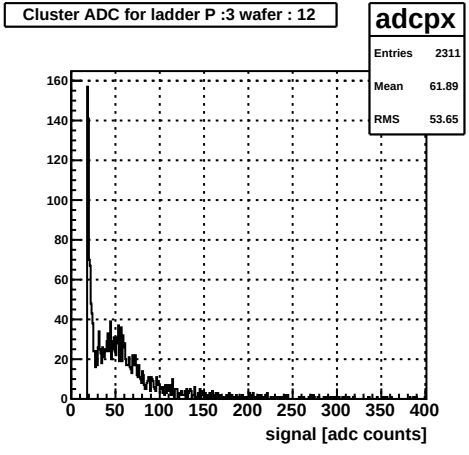

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 4619
Mean 65.1
RMS 53.87
signal [adc counts]

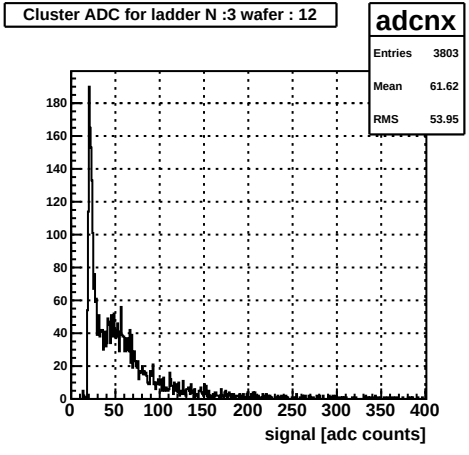

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4648
Mean 58.9
RMS 52.67
signal [adc counts]

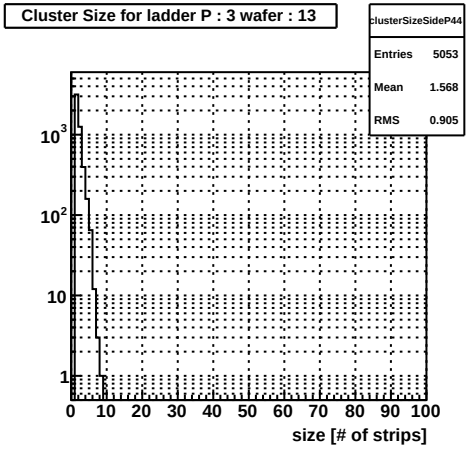

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2311
Mean 1.308
RMS 0.6466
size [# of strips]

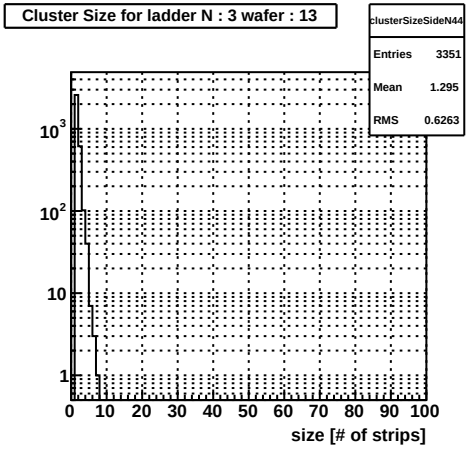

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3803
Mean 1.368
RMS 0.6972
size [# of strips]

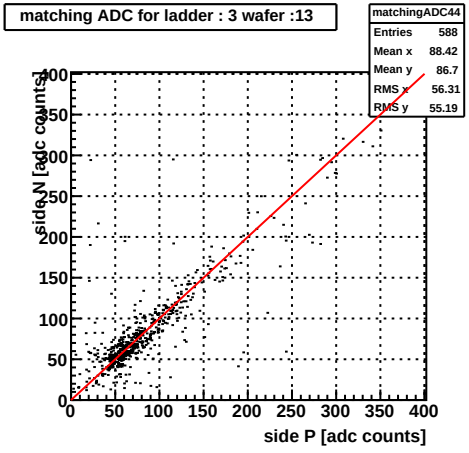

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 1119
Mean x 72.28
Mean y 67.44
RMS x 54.26
RMS y 53.11
side N [adc counts]
side P [adc counts]

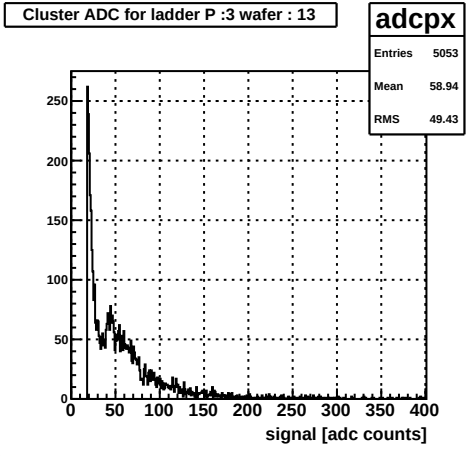

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2311
Mean 61.89
RMS 53.65
signal [adc counts]

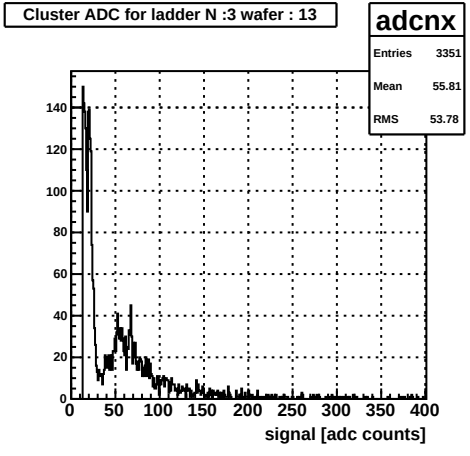

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3803
Mean 61.62
RMS 53.95
signal [adc counts]

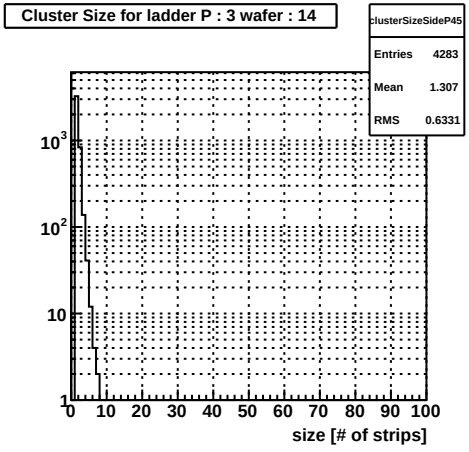

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 5053
Mean 1.568
RMS 0.905
size [# of strips]

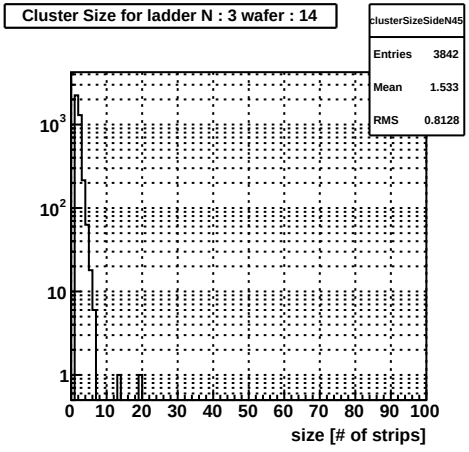

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3351
Mean 1.295
RMS 0.6263
size [# of strips]

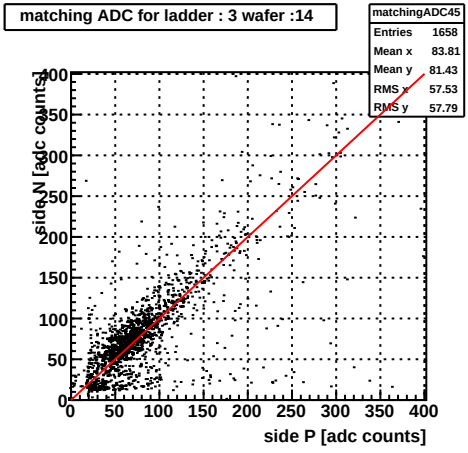

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 588
Mean x 88.42
Mean y 86.7
RMS x 56.31
RMS y 55.19
side N [adc counts]
side P [adc counts]

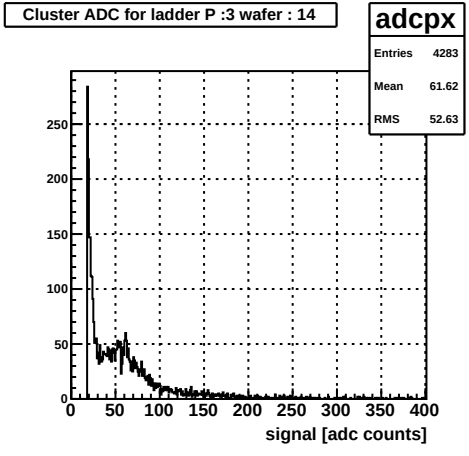

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 5053
Mean 58.94
RMS 49.43
signal [adc counts]

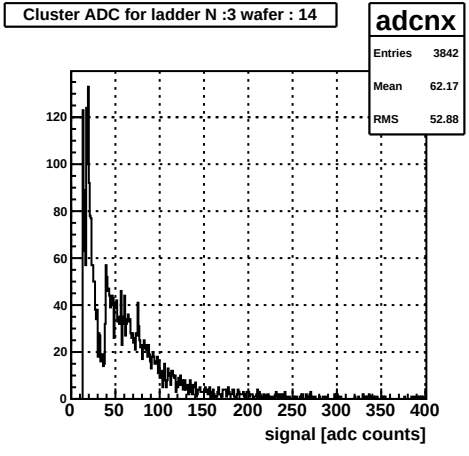

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3351
Mean 55.81
RMS 53.78
signal [adc counts]

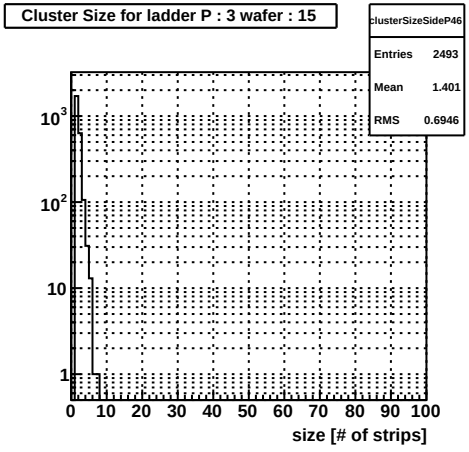

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4283
Mean 1.307
RMS 0.6331
size [# of strips]

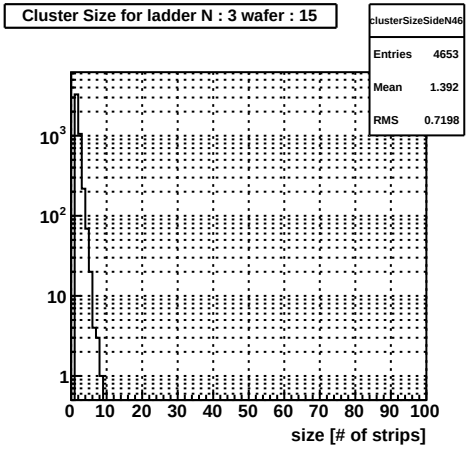

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3842
Mean 1.533
RMS 0.8128
size [# of strips]

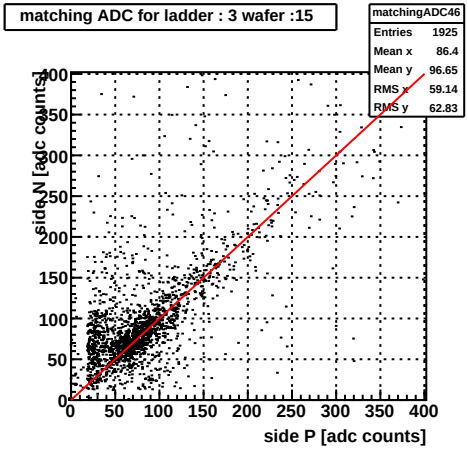

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 1658
Mean x 83.81
Mean y 81.43
RMS x 57.53
RMS y 57.79
side N [adc counts]
side P [adc counts]

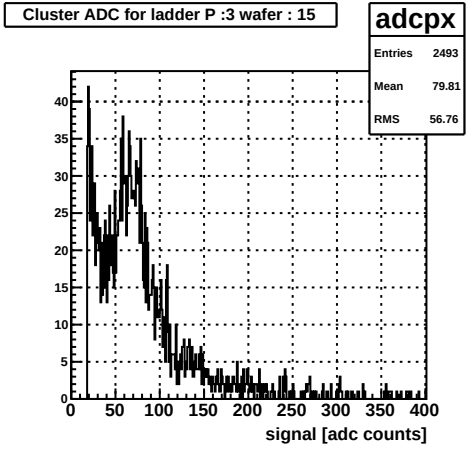

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4283
Mean 61.62
RMS 52.63
signal [adc counts]

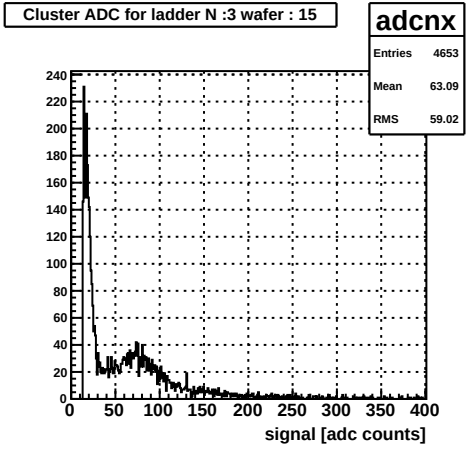

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3842
Mean 62.17
RMS 52.88
signal [adc counts]

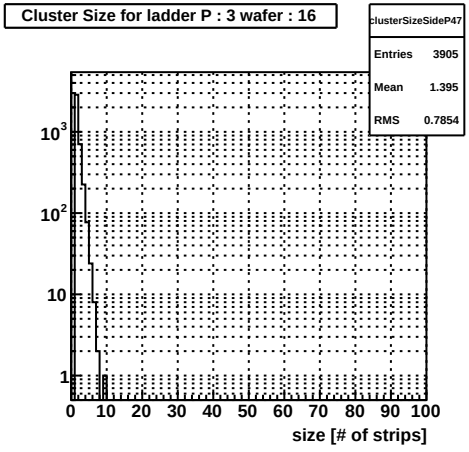

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 2493
Mean 1.401
RMS 0.6946
size [# of strips]

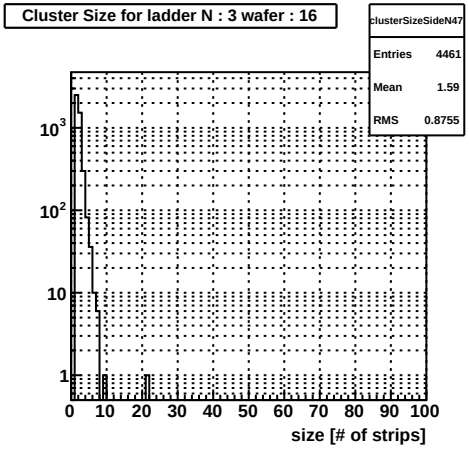

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4653
Mean 1.392
RMS 0.7198
size [# of strips]

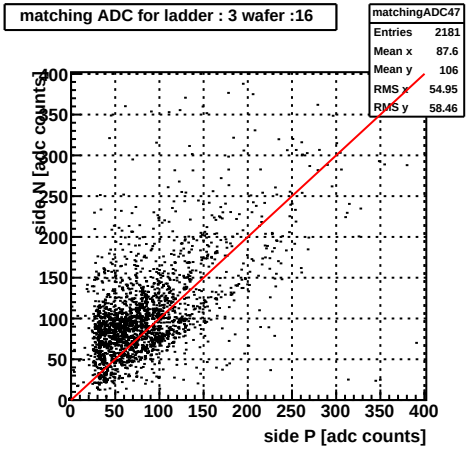

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 1925
Mean x 86.4
Mean y 96.65
RMS x 59.14
RMS y 62.83
side N [adc counts]
side P [adc counts]

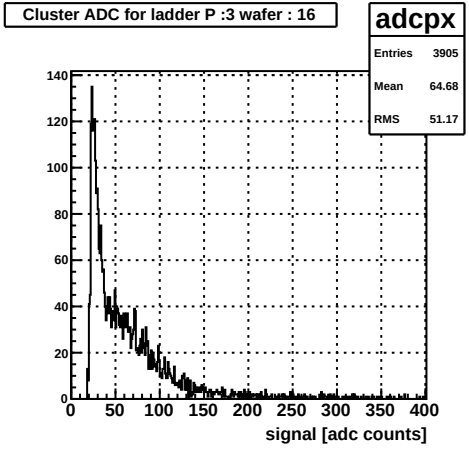

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 2493
Mean 79.81
RMS 56.76
signal [adc counts]

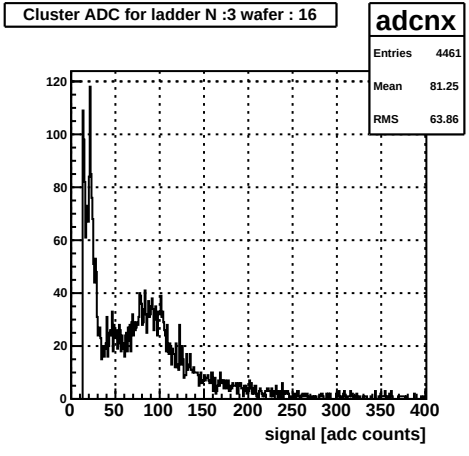

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4653
Mean 63.09
RMS 59.02
signal [adc counts]

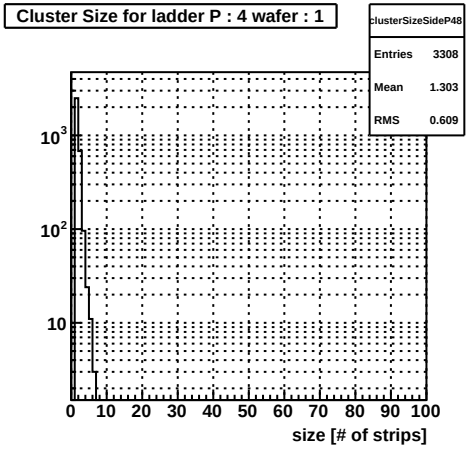

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 3905
Mean 1.395
RMS 0.7854
size [# of strips]

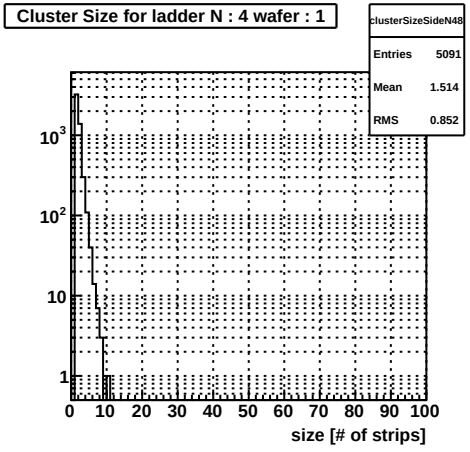

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 4461
Mean 1.59
RMS 0.8755
size [# of strips]

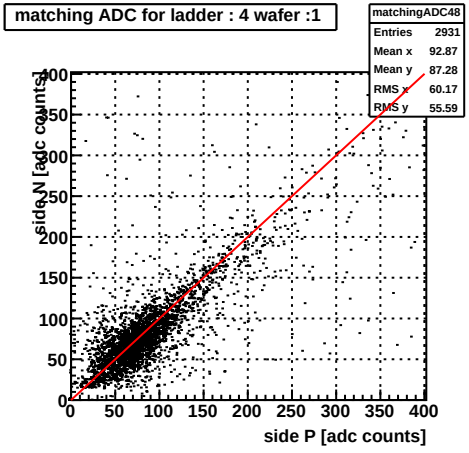

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 2181
Mean x 87.6
Mean y 106
RMS x 54.95
RMS y 58.46
side N [adc counts]
side P [adc counts]

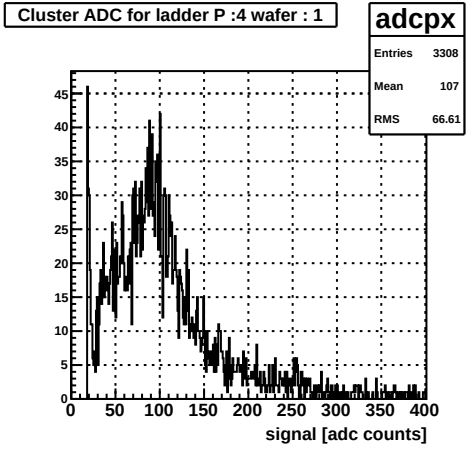

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 3905
Mean 64.68
RMS 51.17
signal [adc counts]

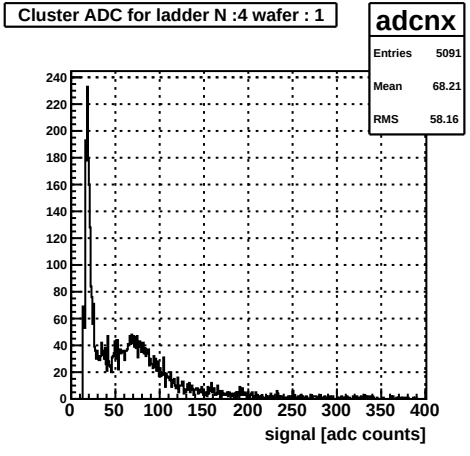

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 4461
Mean 81.25
RMS 63.86
signal [adc counts]

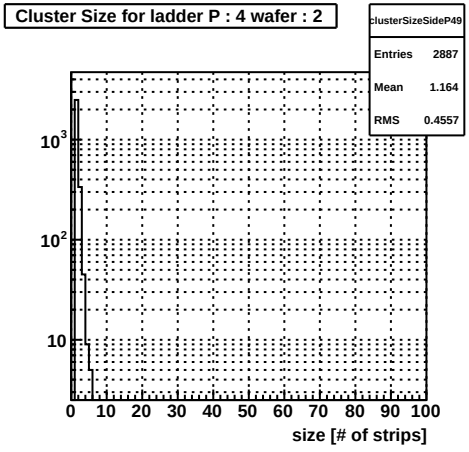

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 3308
Mean 1.303
RMS 0.609
size [# of strips]

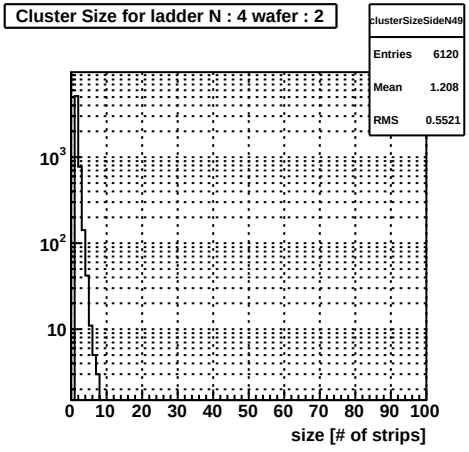

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5091
Mean 1.514
RMS 0.852
size [# of strips]

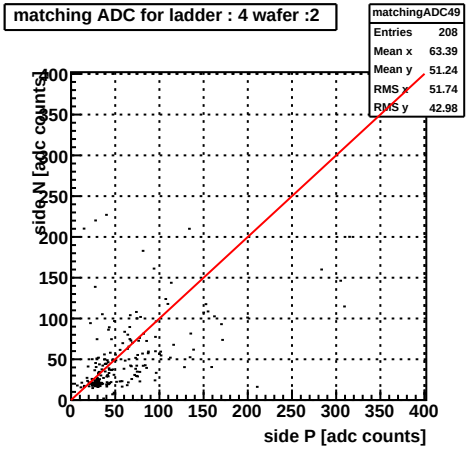

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 2931
Mean x 92.87
Mean y 87.28
RMS x 60.17
RMS y 55.59
side N [adc counts]
side P [adc counts]

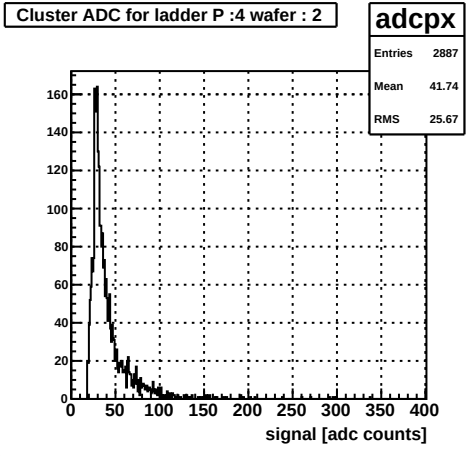

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 3308
Mean 107
RMS 66.61
signal [adc counts]

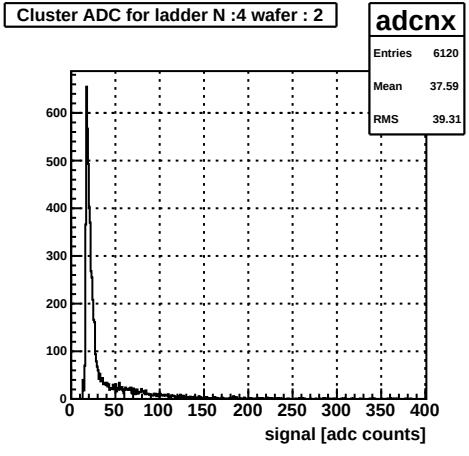

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5091
Mean 68.21
RMS 58.16
signal [adc counts]

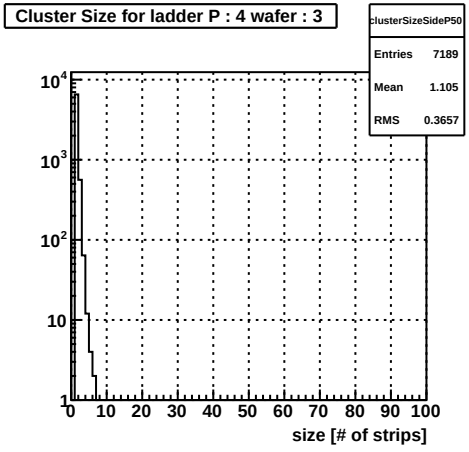

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2887
Mean 1.164
RMS 0.4557
size [# of strips]

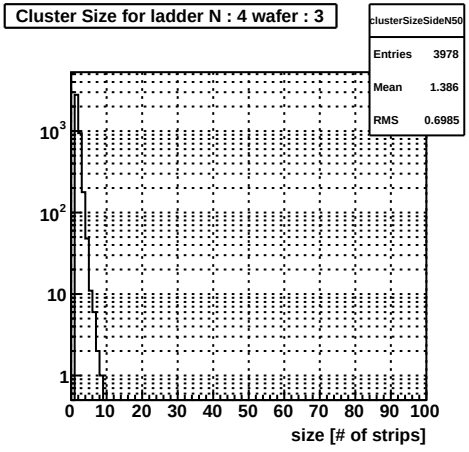

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6120
Mean 1.208
RMS 0.5521
size [# of strips]

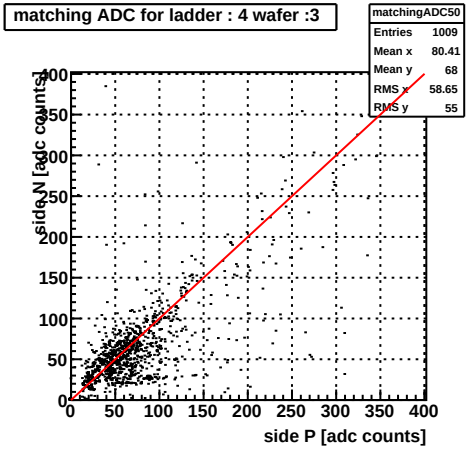

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 208
Mean x 63.39
Mean y 51.24
RMS x 51.74
RMS y 42.98
side N [adc counts]
side P [adc counts]

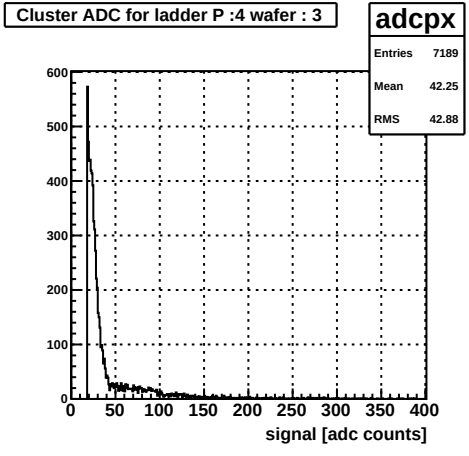

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2887
Mean 41.74
RMS 25.67
signal [adc counts]

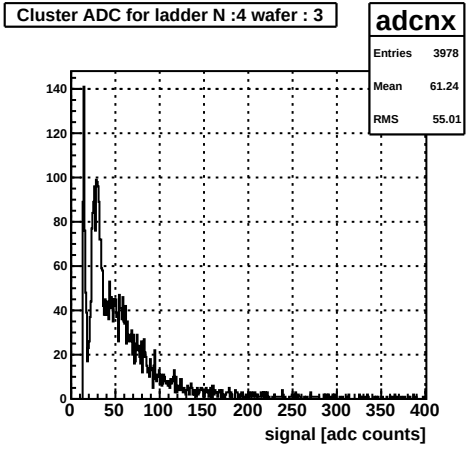

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6120
Mean 37.59
RMS 39.31
signal [adc counts]

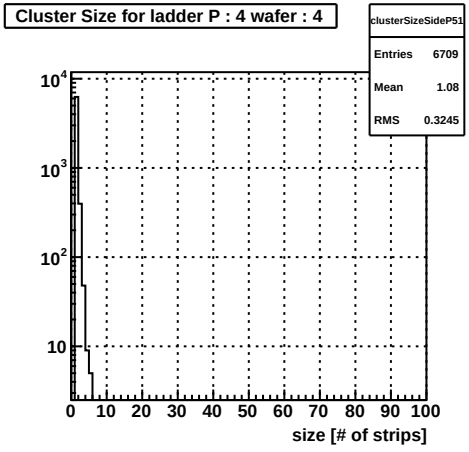

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 7189
Mean 1.105
RMS 0.3657
size [# of strips]

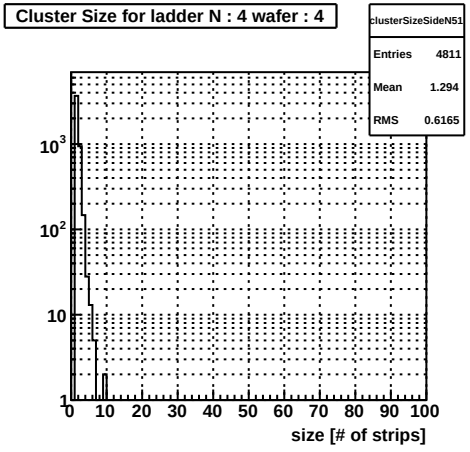

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3978
Mean 1.386
RMS 0.6985
size [# of strips]

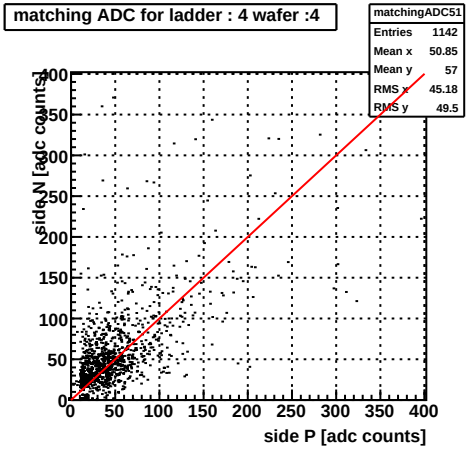

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1009
Mean x 80.41
Mean y 68
RMS x 58.65
RMS y 55
side N [adc counts]
side P [adc counts]

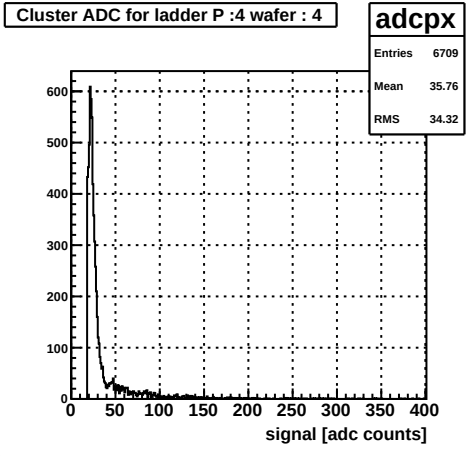

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 7189
Mean 42.25
RMS 42.88
signal [adc counts]

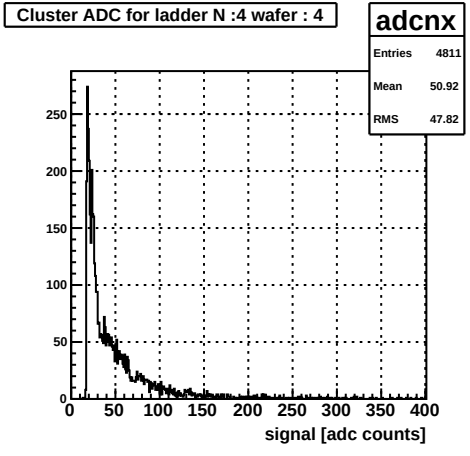

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3978
Mean 61.24
RMS 55.01
signal [adc counts]

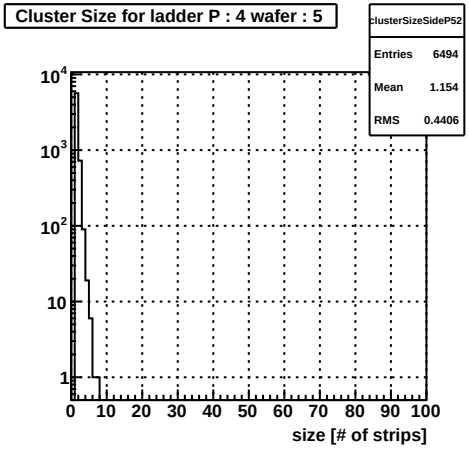

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 6709
Mean 1.08
RMS 0.3245
size [# of strips]

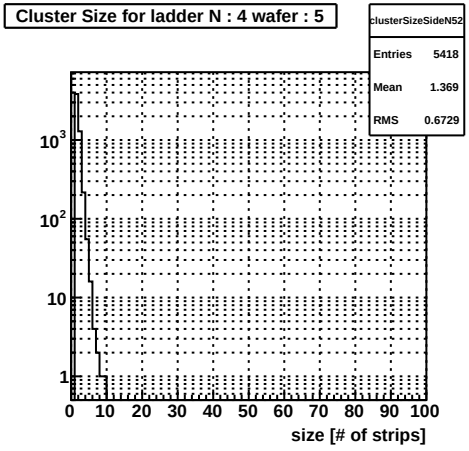

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4811
Mean 1.294
RMS 0.6165
size [# of strips]

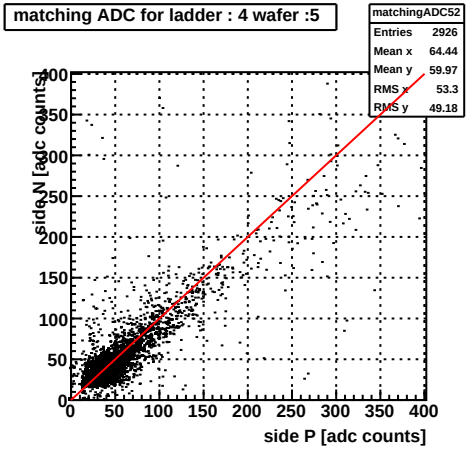

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1142
Mean x 50.85
Mean y 57
RMS x 45.18
RMS y 49.5
side N [adc counts]
side P [adc counts]

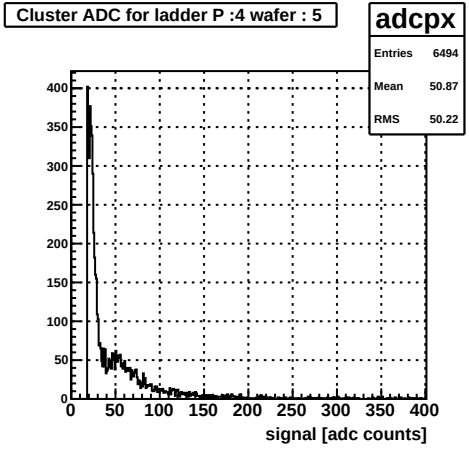

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 6709
Mean 35.76
RMS 34.32
signal [adc counts]

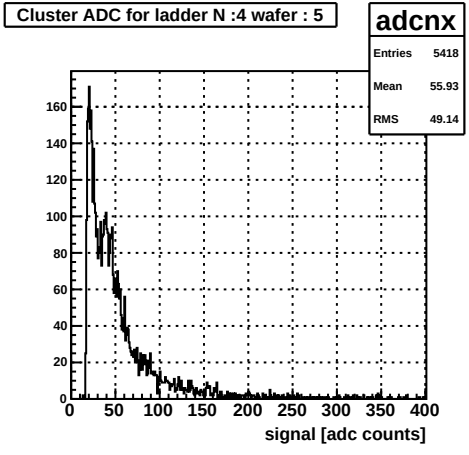

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4811
Mean 50.92
RMS 47.82
signal [adc counts]

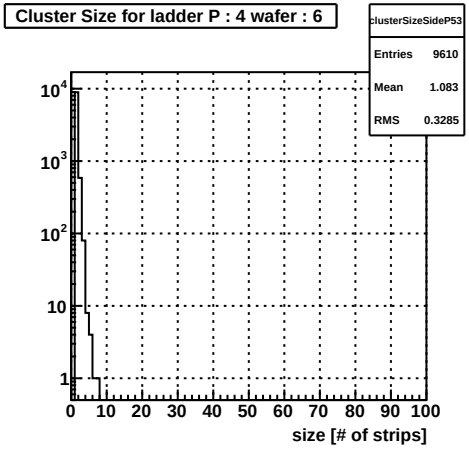

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6494
Mean 1.154
RMS 0.4406
size [# of strips]

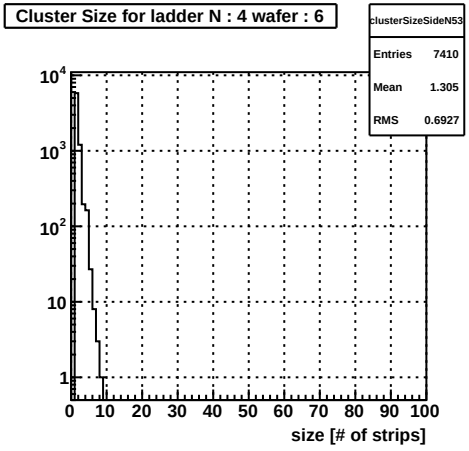

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5418
Mean 1.369
RMS 0.6729
size [# of strips]

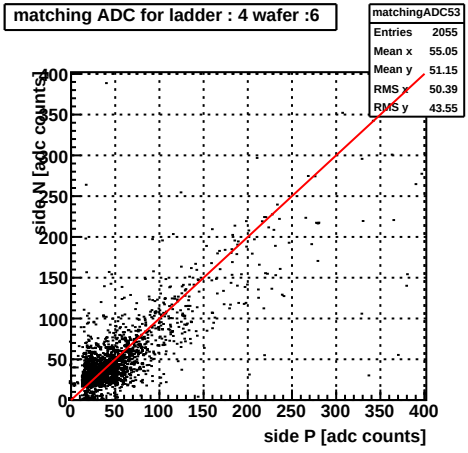

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 2926
Mean x 64.44
Mean y 59.97
RMS x 53.3
RMS y 49.18
side N [adc counts]
side P [adc counts]

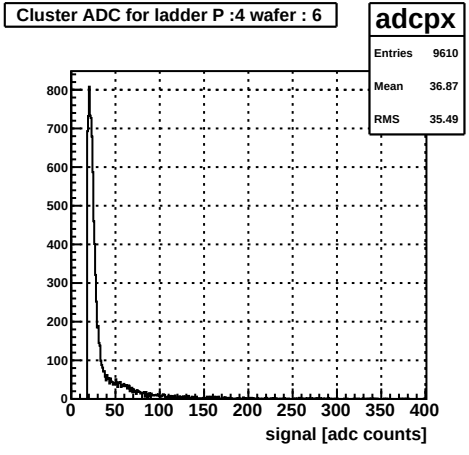

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6494
Mean 50.87
RMS 50.22
signal [adc counts]

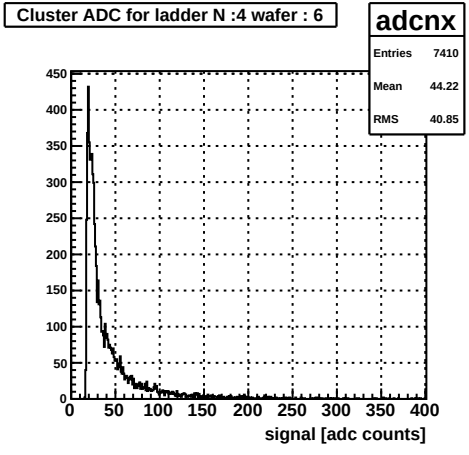

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5418
Mean 55.93
RMS 49.14
signal [adc counts]

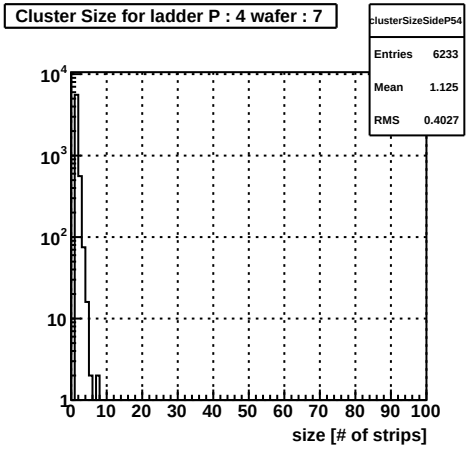

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 9610
Mean 1.083
RMS 0.3285
size [# of strips]

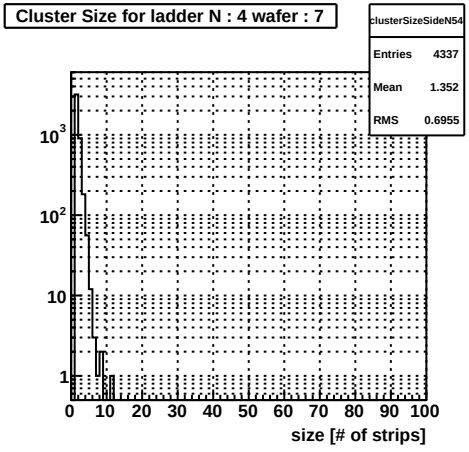

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7410
Mean 1.305
RMS 0.6927
size [# of strips]

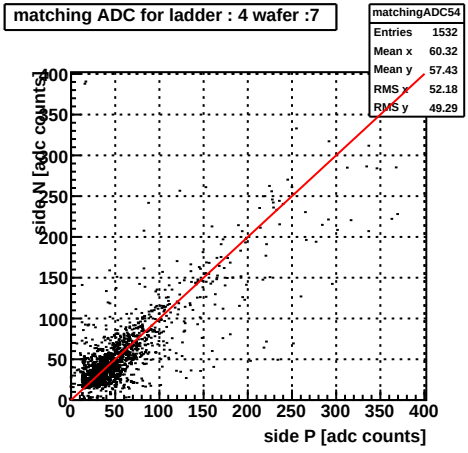

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 2055
Mean x 55.05
Mean y 51.15
RMS x 50.39
RMS y 43.55
side N [adc counts]
side P [adc counts]

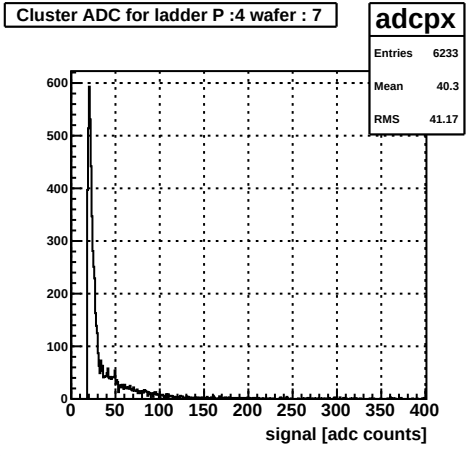

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 9610
Mean 36.87
RMS 35.49
signal [adc counts]

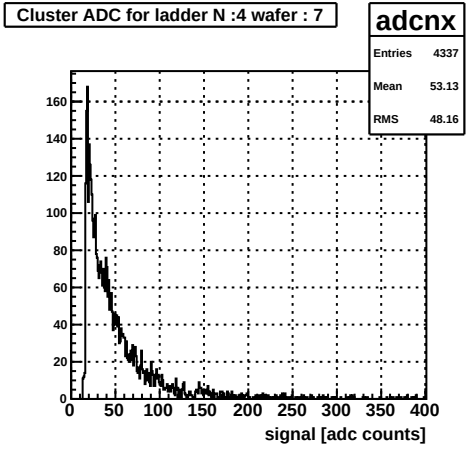

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7410
Mean 44.22
RMS 40.85
signal [adc counts]

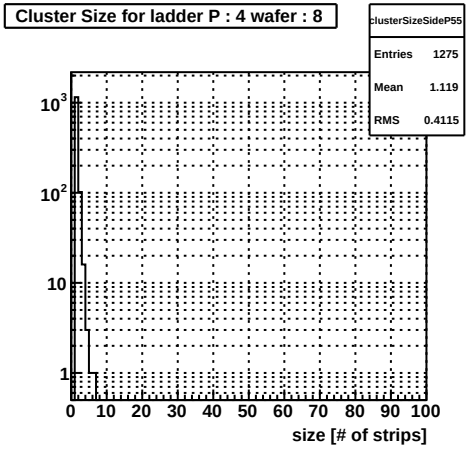

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6233
Mean 1.125
RMS 0.4027
size [# of strips]

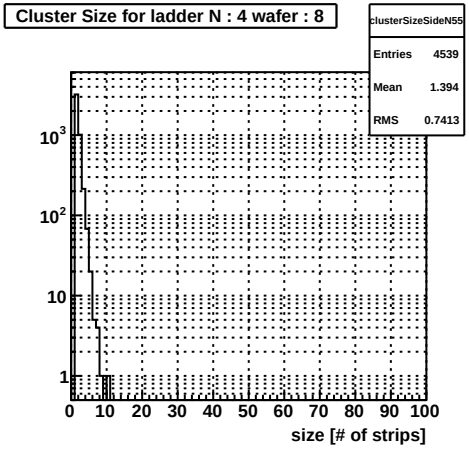

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4337
Mean 1.352
RMS 0.6955
size [# of strips]

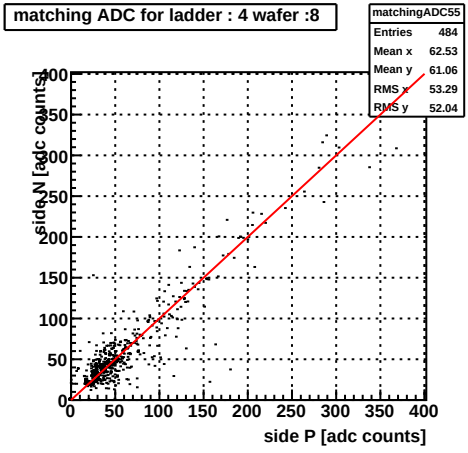

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 1532
Mean x 60.32
Mean y 57.43
RMS x 52.18
RMS y 49.29
side N [adc counts]
side P [adc counts]

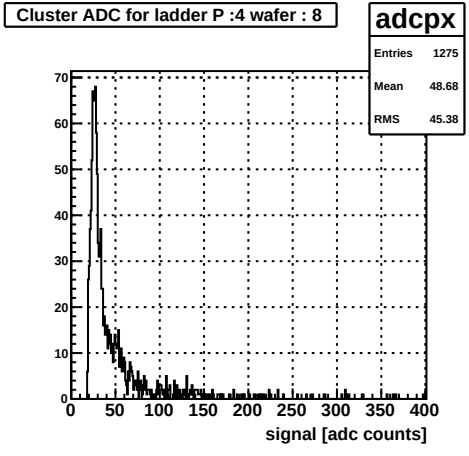

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6233
Mean 40.3
RMS 41.17
signal [adc counts]

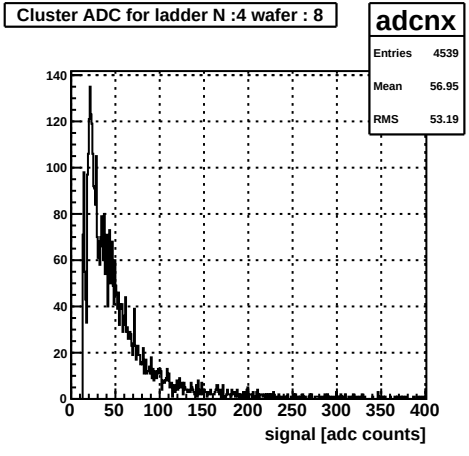

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4337
Mean 53.13
RMS 48.16
signal [adc counts]

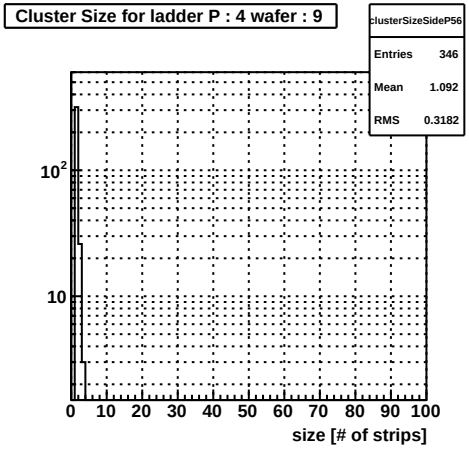

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1275
Mean 1.119
RMS 0.4115
size [# of strips]

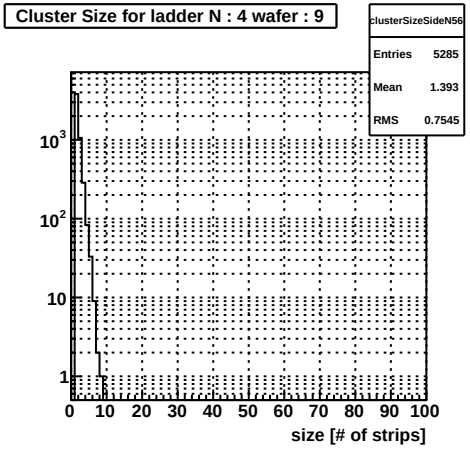

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4539
Mean 1.394
RMS 0.7413
size [# of strips]

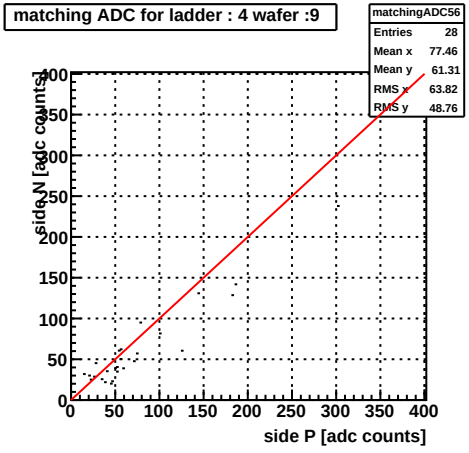

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 484
Mean x 62.53
Mean y 61.06
RMS x 53.29
RMS y 52.04
side N [adc counts]
side P [adc counts]

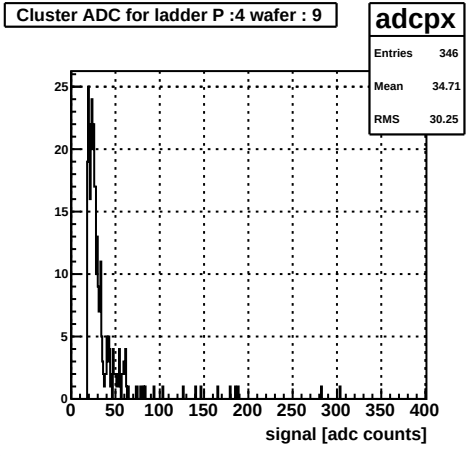

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1275
Mean 48.68
RMS 45.38
signal [adc counts]

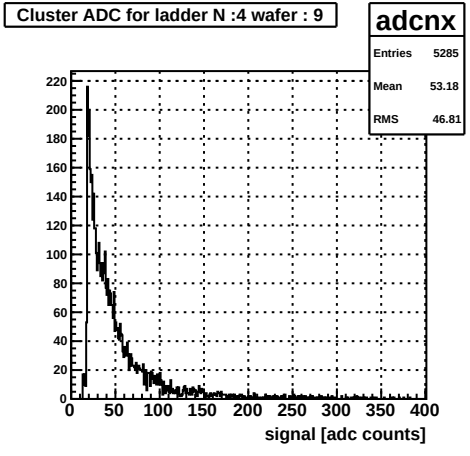

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4539
Mean 56.95
RMS 53.19
signal [adc counts]

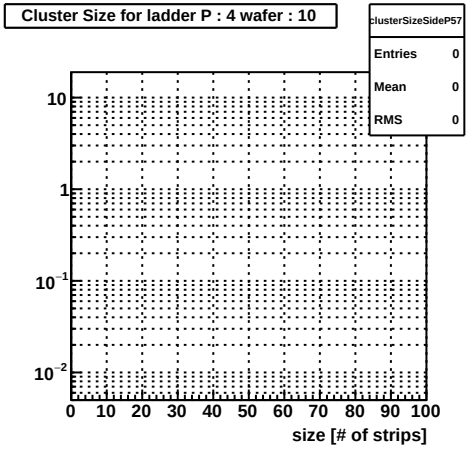

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 346
Mean 1.092
RMS 0.3182
size [# of strips]

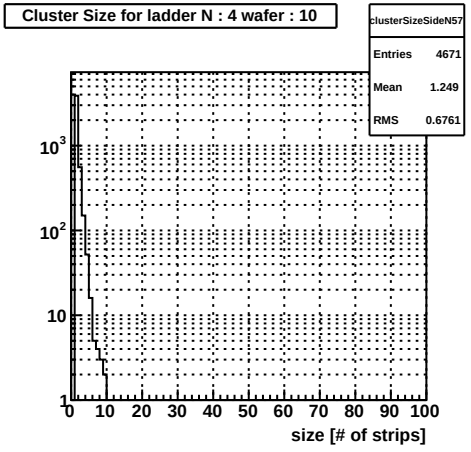

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5285
Mean 1.393
RMS 0.7545
size [# of strips]

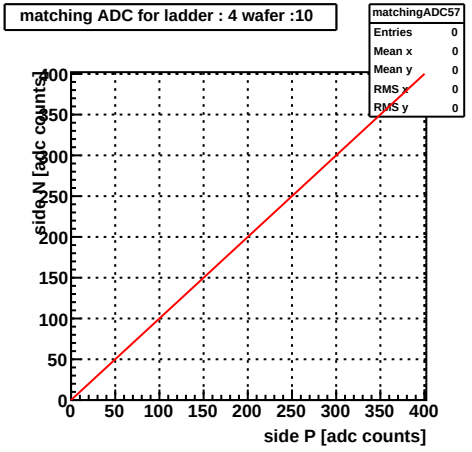

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 28
Mean x 77.46
Mean y 61.31
RMS x 63.82
RMS y 48.76
side N [adc counts]
side P [adc counts]

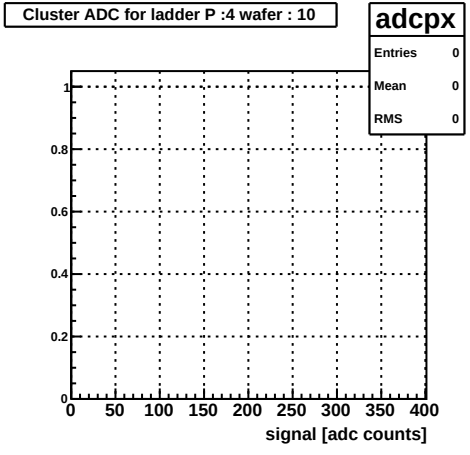

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 346
Mean 34.71
RMS 30.25
signal [adc counts]

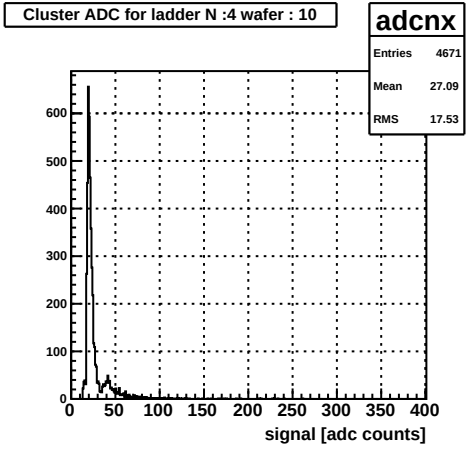

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5285
Mean 53.18
RMS 46.81
signal [adc counts]

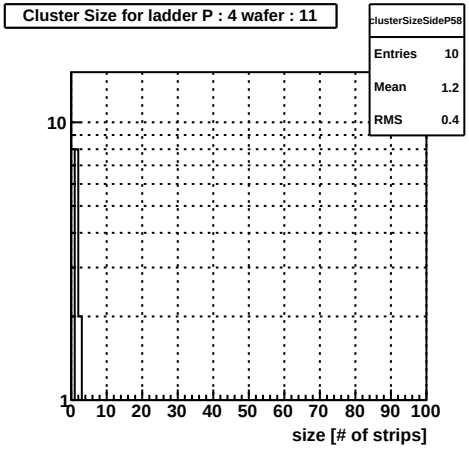

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

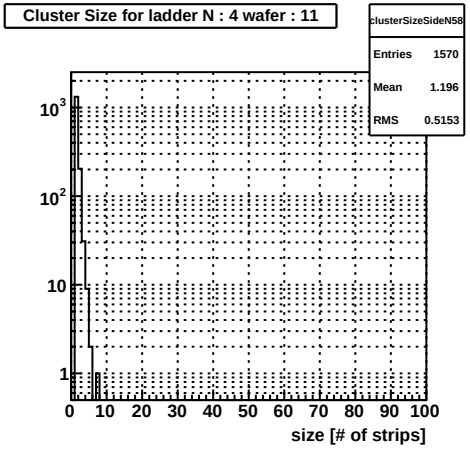

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 4671
Mean 1.249
RMS 0.6761
size [# of strips]

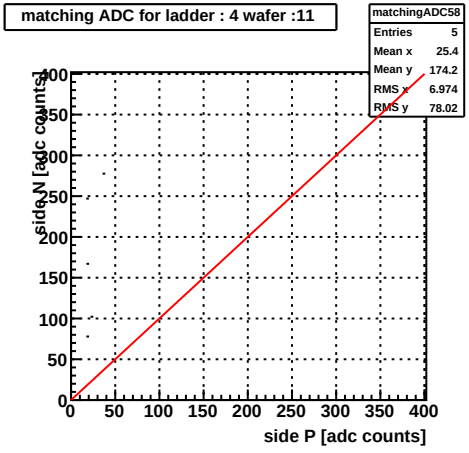

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

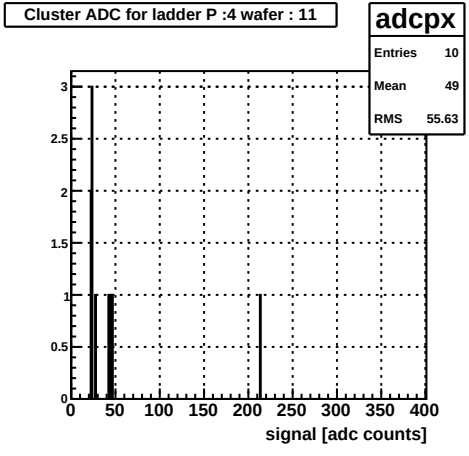

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

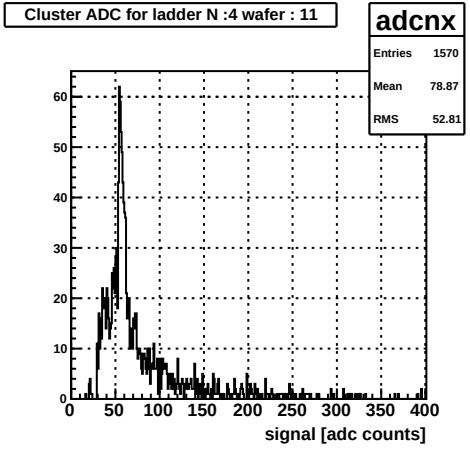

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 4671
Mean 27.09
RMS 17.53
signal [adc counts]

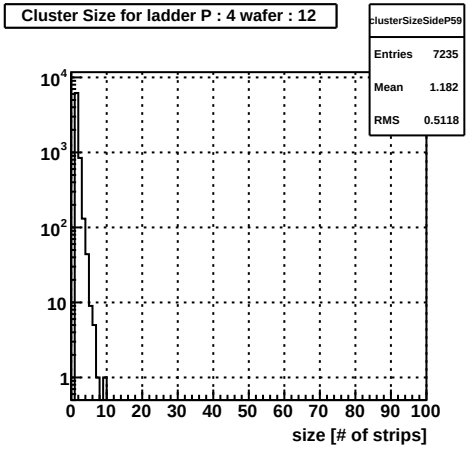

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

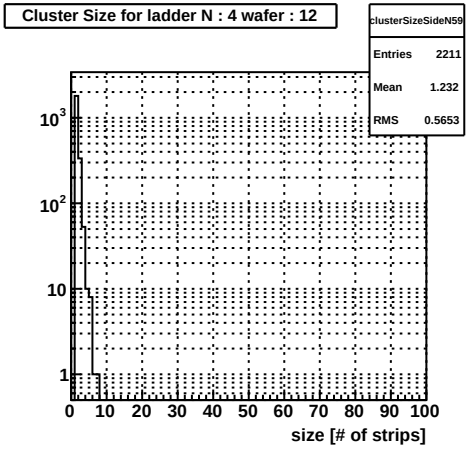

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1570
Mean 1.196
RMS 0.5153
size [# of strips]

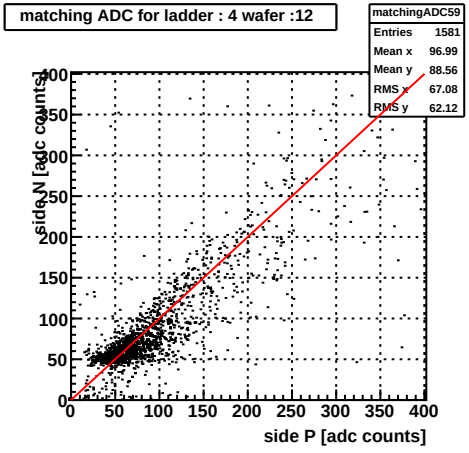

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 25.4
Mean y 174.2
RMS x 6.974
RMS y 78.02
side N [adc counts]
side P [adc counts]

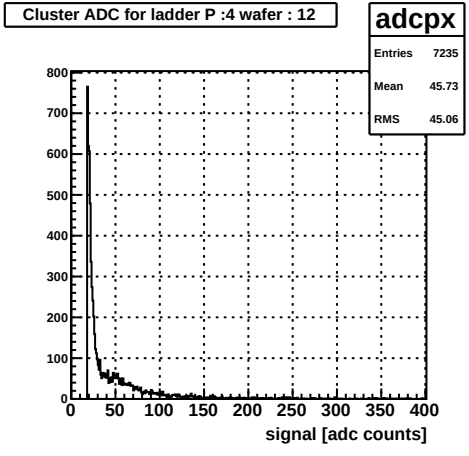

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 10
Mean 49
RMS 55.63
signal [adc counts]

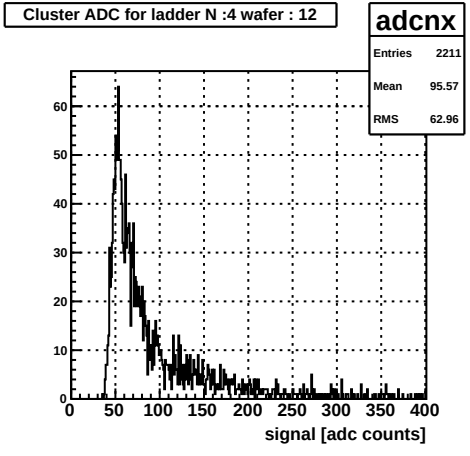

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1570
Mean 78.87
RMS 52.81
signal [adc counts]

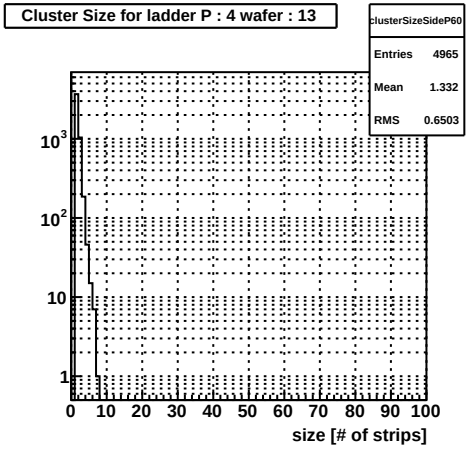

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7235
Mean 1.182
RMS 0.5118
size [# of strips]

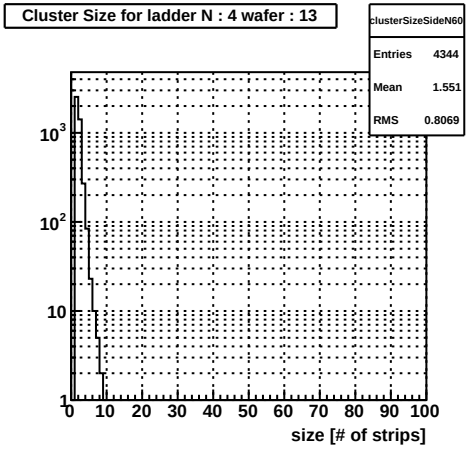

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2211
Mean 1.232
RMS 0.5653
size [# of strips]

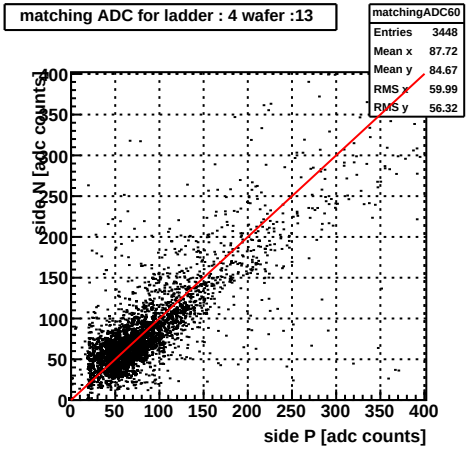

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1581
Mean x 96.99
Mean y 88.56
RMS x 67.08
RMS y 62.12
side N [adc counts]
side P [adc counts]

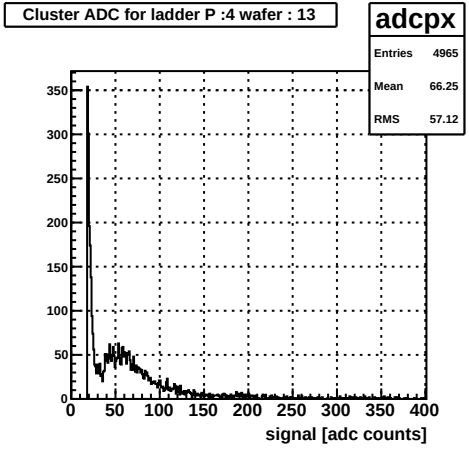

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7235
Mean 45.73
RMS 45.06
signal [adc counts]

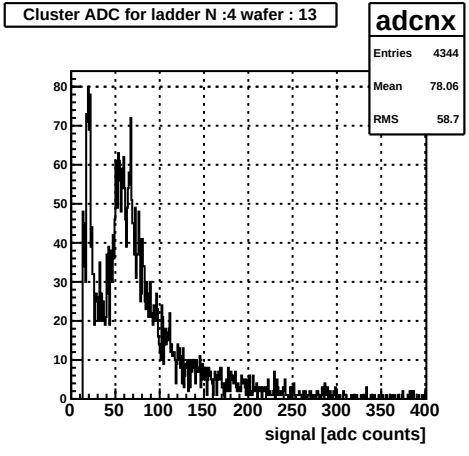

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2211
Mean 95.57
RMS 62.96
signal [adc counts]

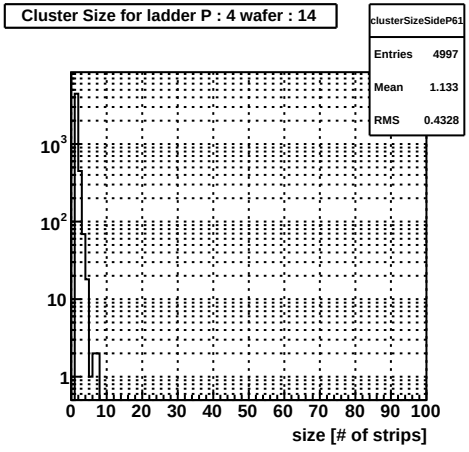

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4965
Mean 1.332
RMS 0.6503
size [# of strips]

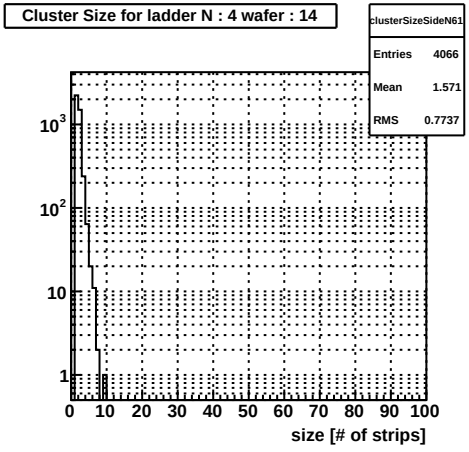

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 4344
Mean 1.551
RMS 0.8069
size [# of strips]

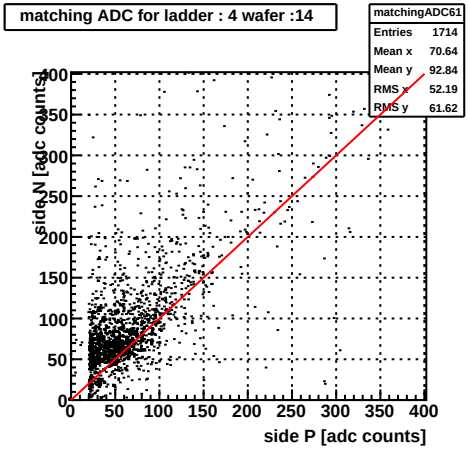

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 3448
Mean x 87.72
Mean y 84.67
RMS x 59.99
RMS y 56.32
side N [adc counts]
side P [adc counts]

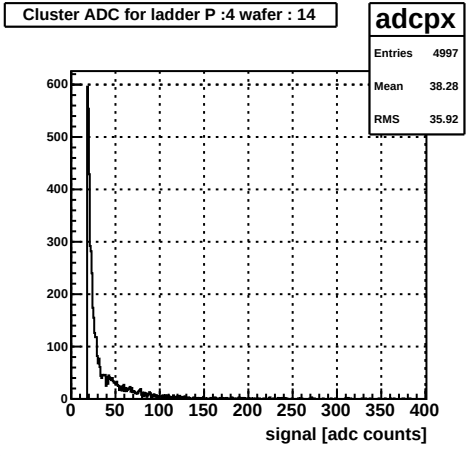

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4965
Mean 66.25
RMS 57.12
signal [adc counts]

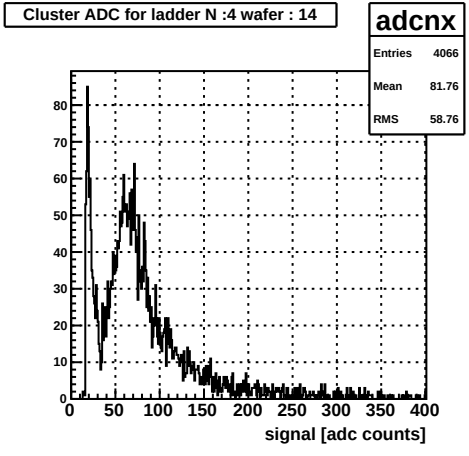

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 4344
Mean 78.06
RMS 58.7
signal [adc counts]

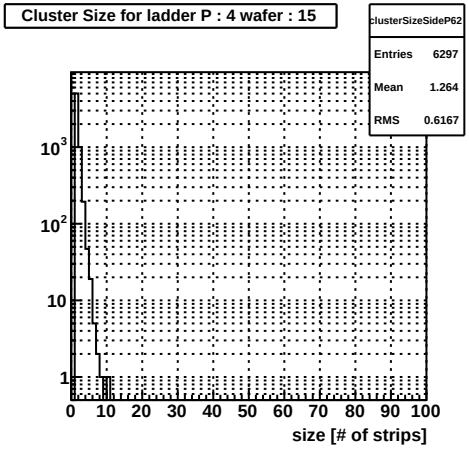

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 4997
Mean 1.133
RMS 0.4328
size [# of strips]

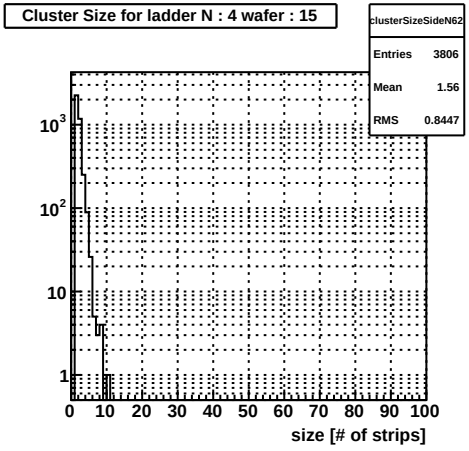

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 4066
Mean 1.571
RMS 0.7737
size [# of strips]

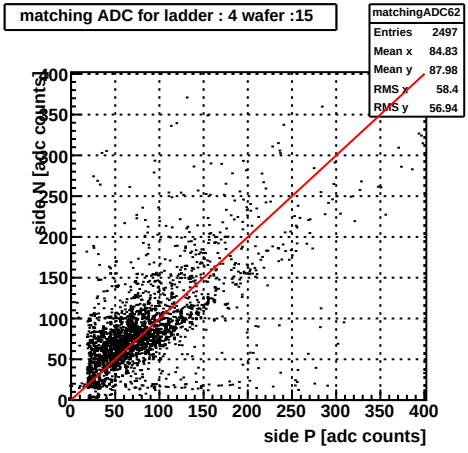

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 1714
Mean x 70.64
Mean y 92.84
RMS x 52.19
RMS y 61.62
side N [adc counts]
side P [adc counts]

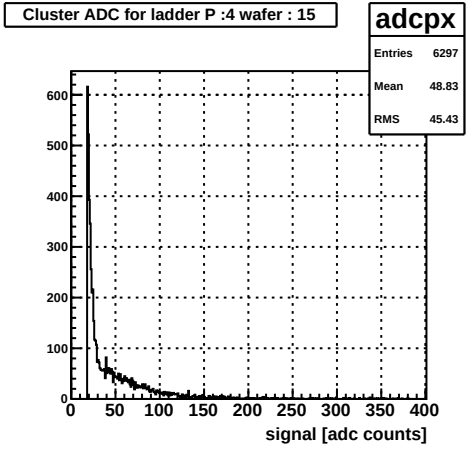

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 4997
Mean 38.28
RMS 35.92
signal [adc counts]

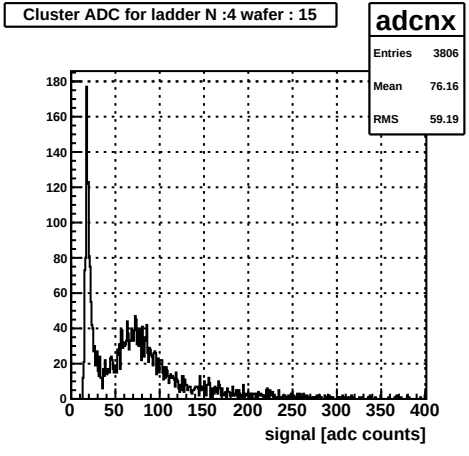

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 4066
Mean 81.76
RMS 58.76
signal [adc counts]

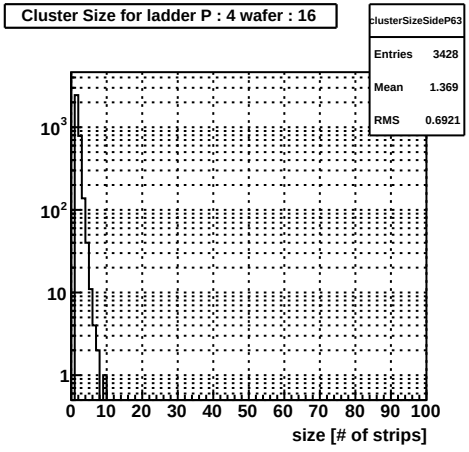

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6297
Mean 1.264
RMS 0.6167
size [# of strips]

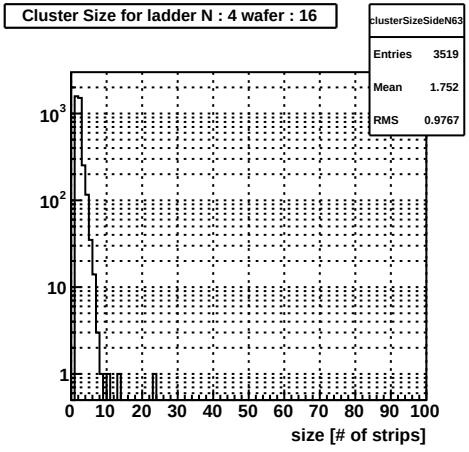

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3806
Mean 1.56
RMS 0.8447
size [# of strips]

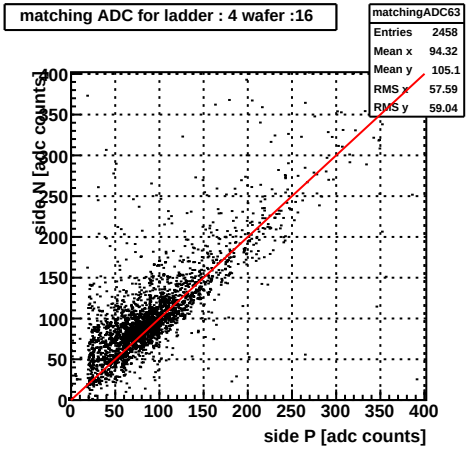

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 2497
Mean x 84.83
Mean y 87.98
RMS x 58.4
RMS y 56.94
side N [adc counts]
side P [adc counts]

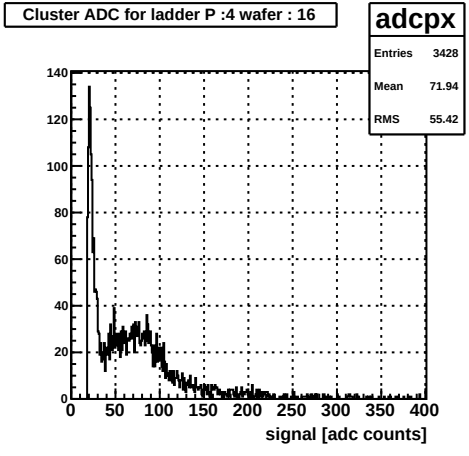

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6297
Mean 48.83
RMS 45.43
signal [adc counts]

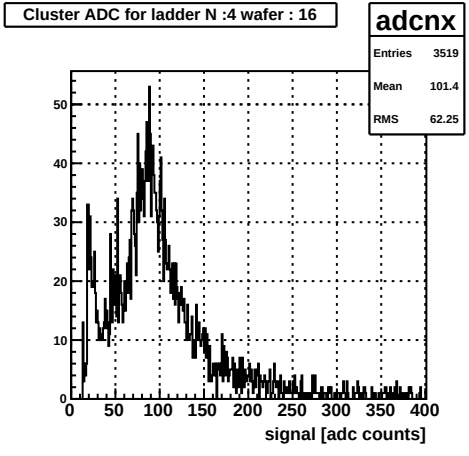

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3806
Mean 76.16
RMS 59.19
signal [adc counts]

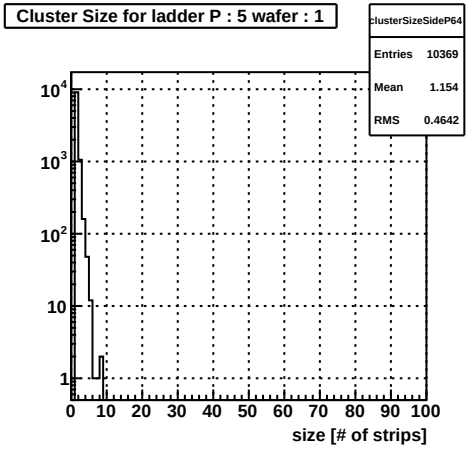

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 3428
Mean 1.369
RMS 0.6921
size [# of strips]

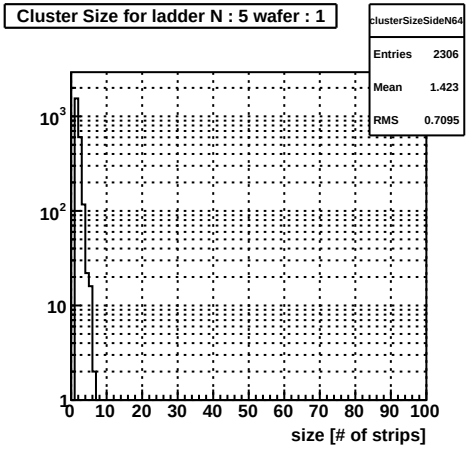

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 3519
Mean 1.752
RMS 0.9767
size [# of strips]

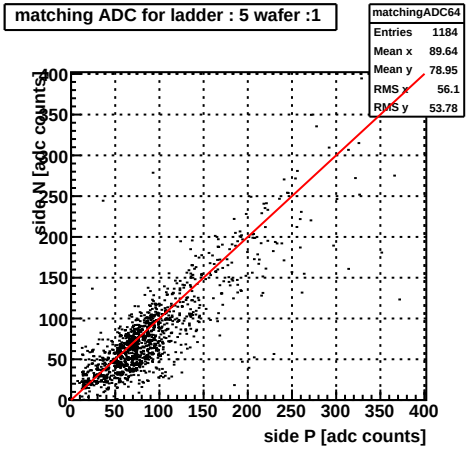

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 2458
Mean x 94.32
Mean y 105.1
RMS x 57.59
RMS y 59.04
side N [adc counts]
side P [adc counts]

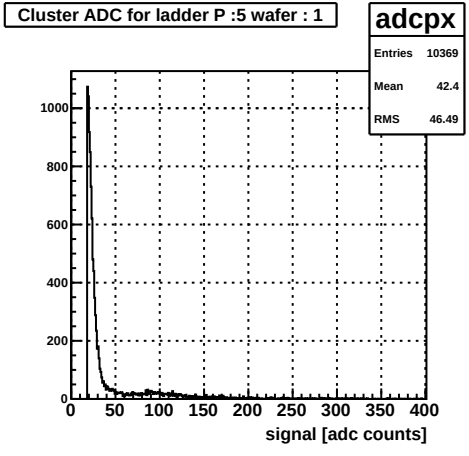

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 3428
Mean 71.94
RMS 55.42
signal [adc counts]

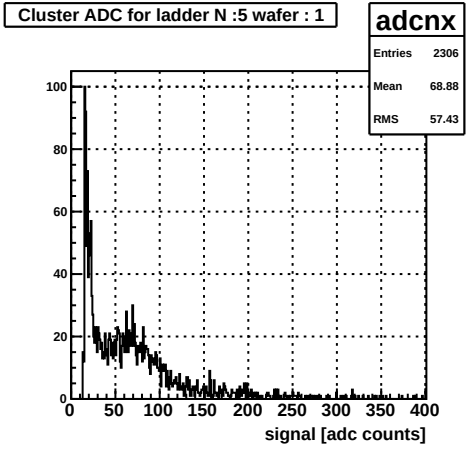

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 3519
Mean 101.4
RMS 62.25
signal [adc counts]

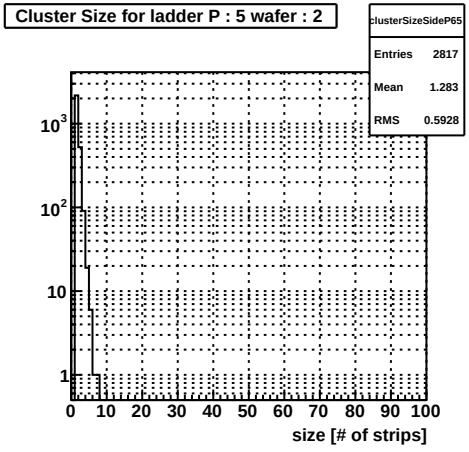

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 10369
Mean 1.154
RMS 0.4642
size [# of strips]

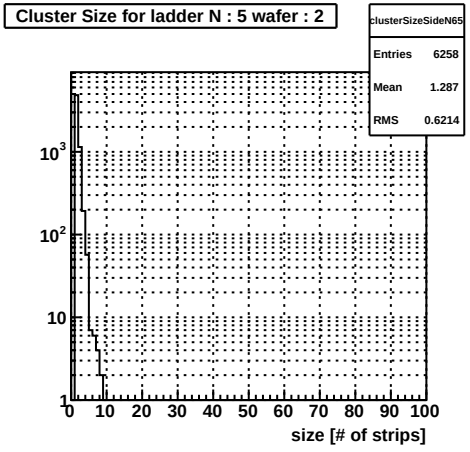

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2306
Mean 1.423
RMS 0.7095
size [# of strips]

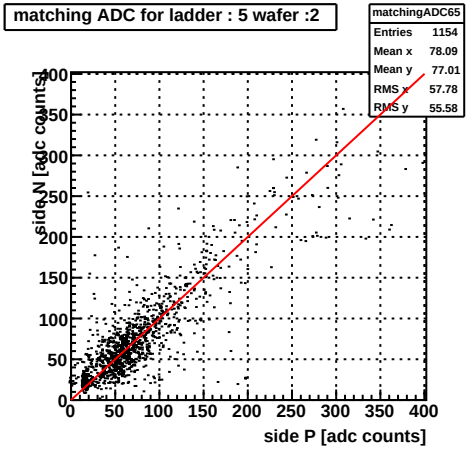

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 1184
Mean x 89.64
Mean y 78.95
RMS x 56.1
RMS y 53.78
side N [adc counts]
side P [adc counts]

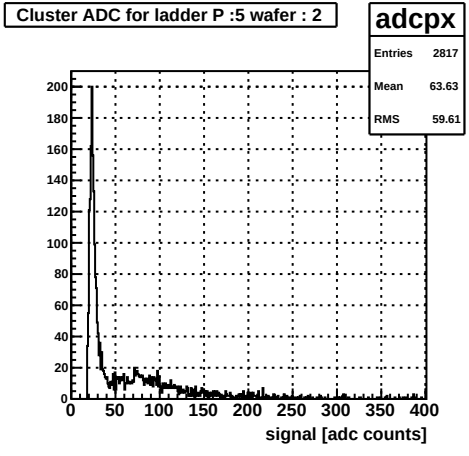

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 10369
Mean 42.4
RMS 46.49
signal [adc counts]

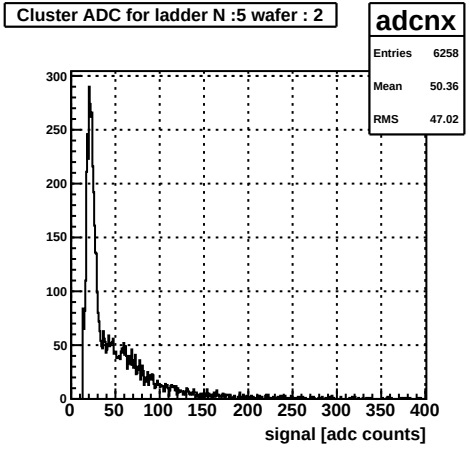

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2306
Mean 68.88
RMS 57.43
signal [adc counts]

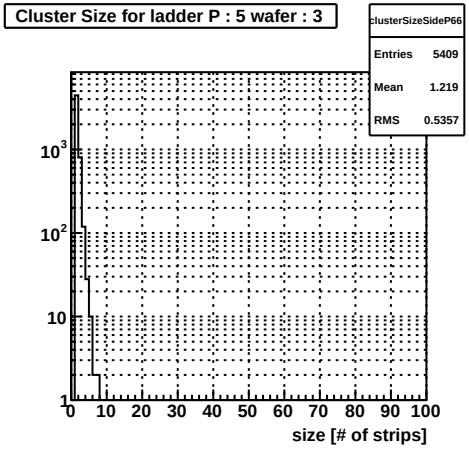

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2817
Mean 1.283
RMS 0.5928
size [# of strips]

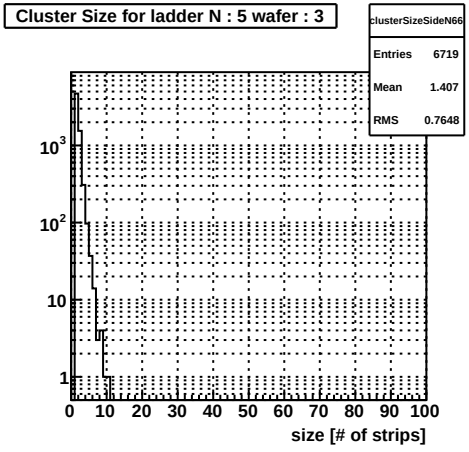

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 6258
Mean 1.287
RMS 0.6214
size [# of strips]

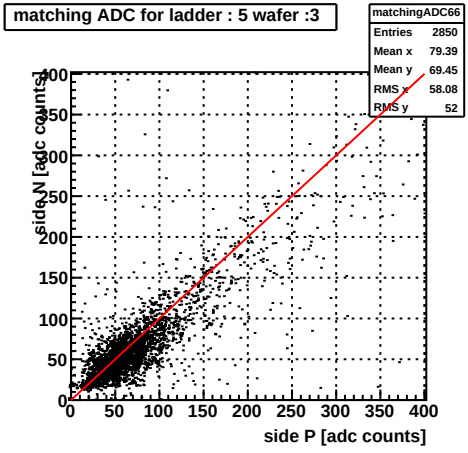

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 1154
Mean x 78.09
Mean y 77.01
RMS x 57.78
RMS y 55.58
side N [adc counts]
side P [adc counts]

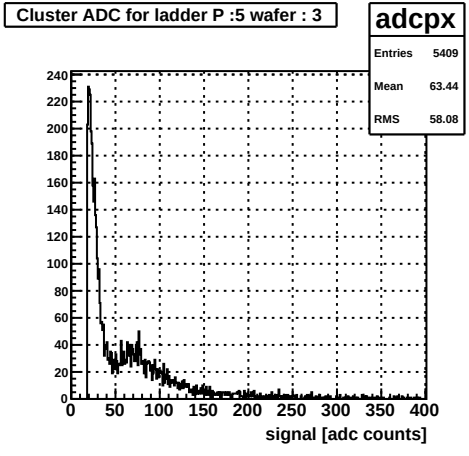

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2817
Mean 63.63
RMS 59.61
signal [adc counts]

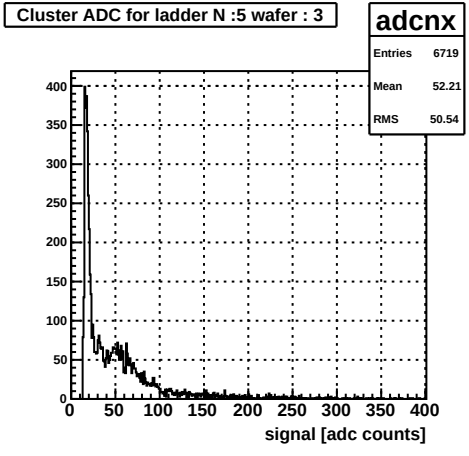

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 6258
Mean 50.36
RMS 47.02
signal [adc counts]

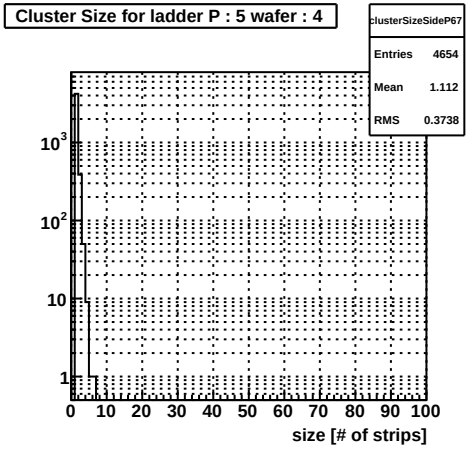

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5409
Mean 1.219
RMS 0.5357
size [# of strips]

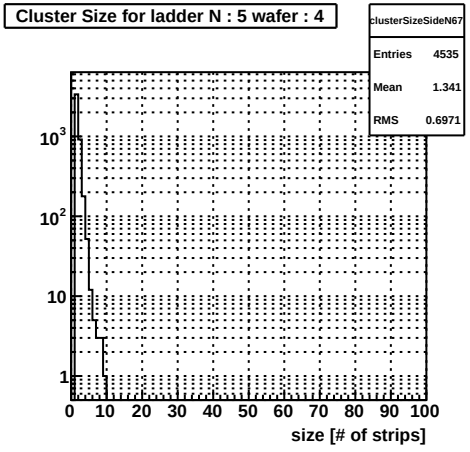

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6719
Mean 1.407
RMS 0.7648
size [# of strips]

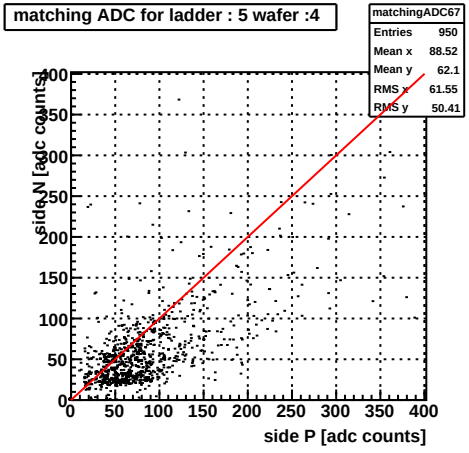

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 2850
Mean x 79.39
Mean y 69.45
RMS x 58.08
RMS y 52
side N [adc counts]
side P [adc counts]

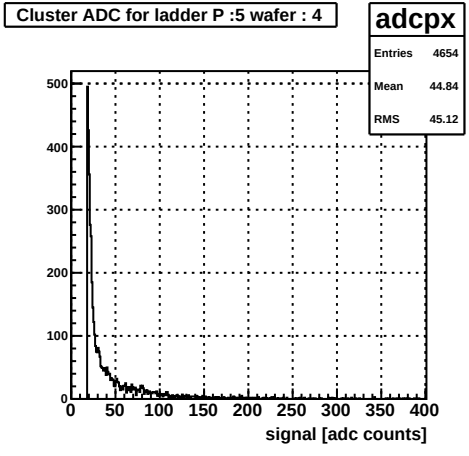

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5409
Mean 63.44
RMS 58.08
signal [adc counts]

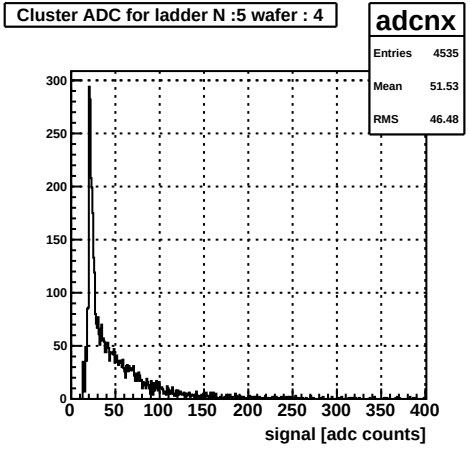

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6719
Mean 52.21
RMS 50.54
signal [adc counts]

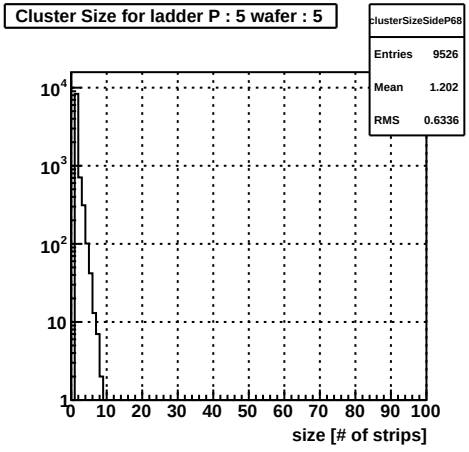

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 4654
Mean 1.112
RMS 0.3738
size [# of strips]

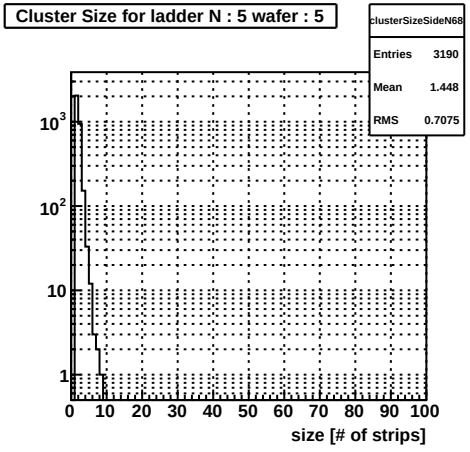

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4535
Mean 1.341
RMS 0.6971
size [# of strips]

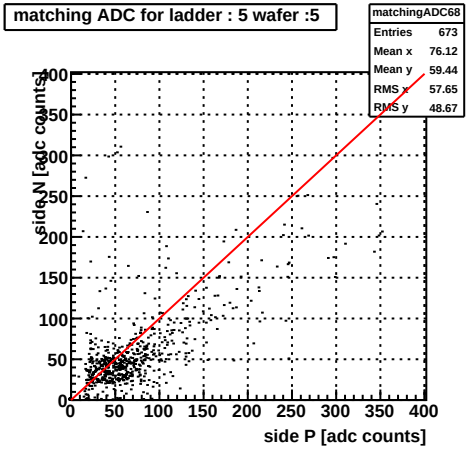

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 950
Mean x 88.52
Mean y 62.1
RMS x 61.55
RMS y 50.41
side N [adc counts]
side P [adc counts]

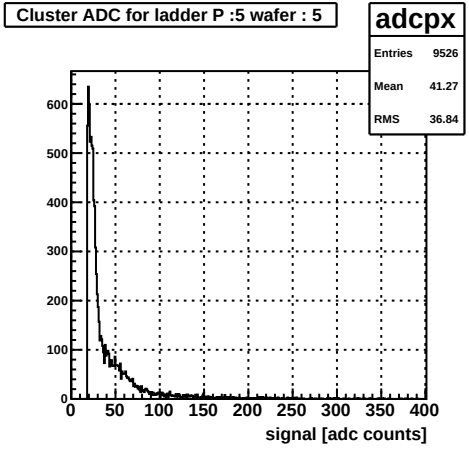

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 4654
Mean 44.84
RMS 45.12
signal [adc counts]

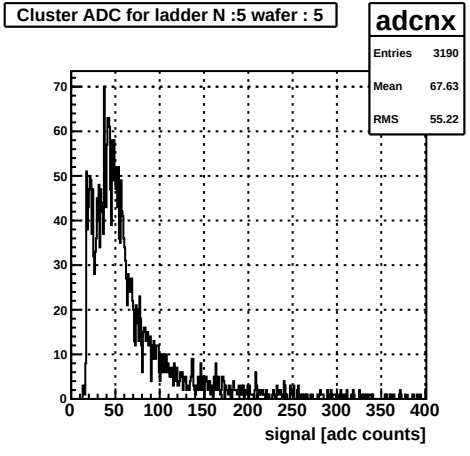

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4535
Mean 51.53
RMS 46.48
signal [adc counts]

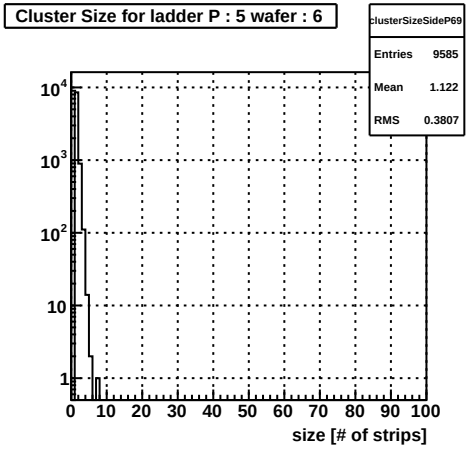

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 9526
Mean 1.202
RMS 0.6336
size [# of strips]

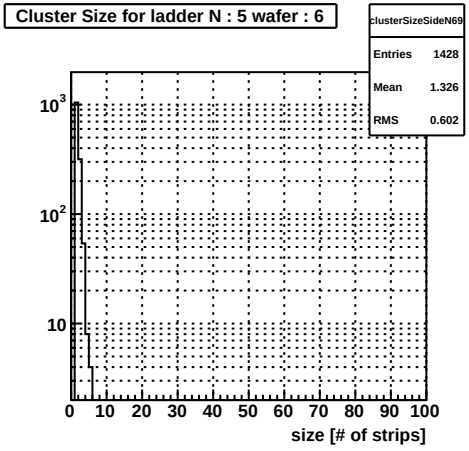

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 3190
Mean 1.448
RMS 0.7075
size [# of strips]

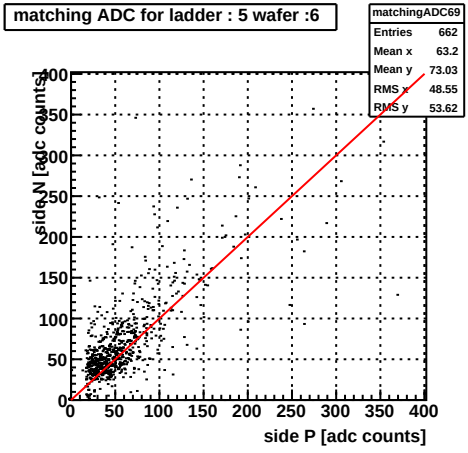

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 673
Mean x 76.12
Mean y 59.44
RMS x 57.65
RMS y 48.67
side N [adc counts]
side P [adc counts]

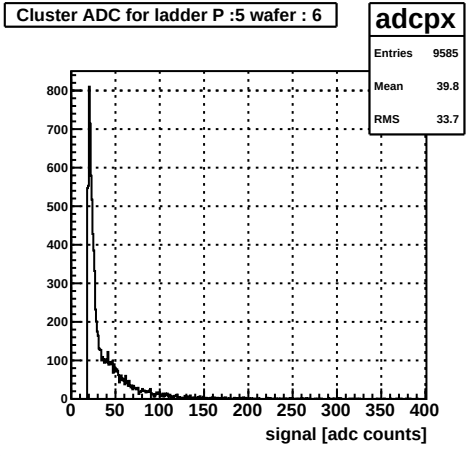

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 9526
Mean 41.27
RMS 36.84
signal [adc counts]

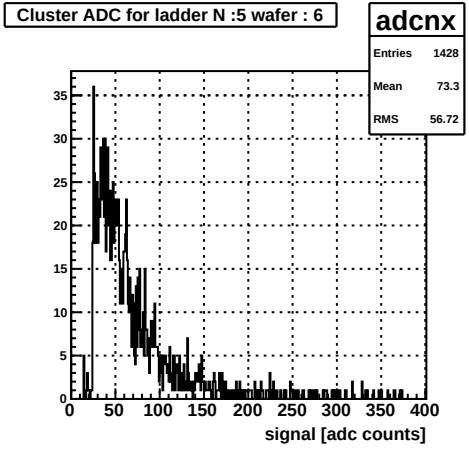

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 3190
Mean 67.63
RMS 55.22
signal [adc counts]

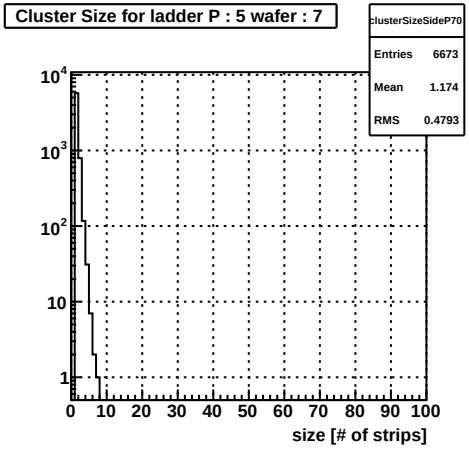

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9585
Mean 1.122
RMS 0.3807
size [# of strips]

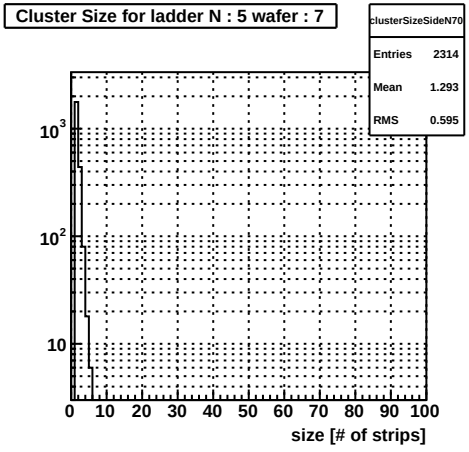

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1428
Mean 1.326
RMS 0.602
size [# of strips]

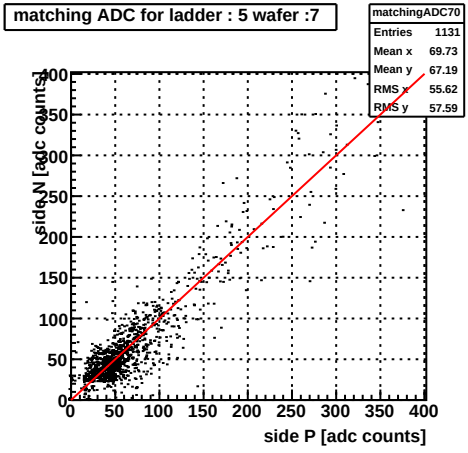

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 662
Mean x 63.2
Mean y 73.03
RMS x 48.55
RMS y 53.62
side N [adc counts]
side P [adc counts]

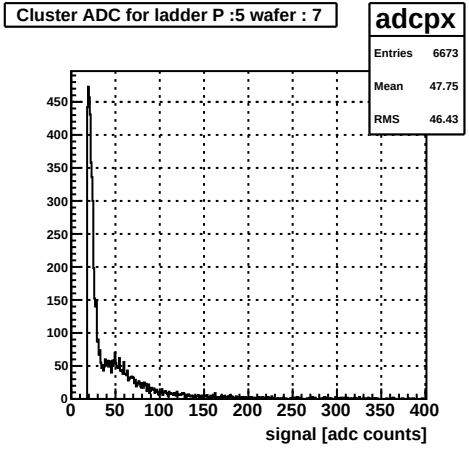

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9585
Mean 39.8
RMS 33.7
signal [adc counts]

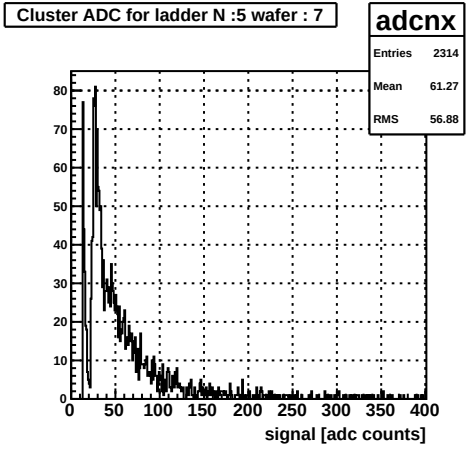

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1428
Mean 73.3
RMS 56.72
signal [adc counts]

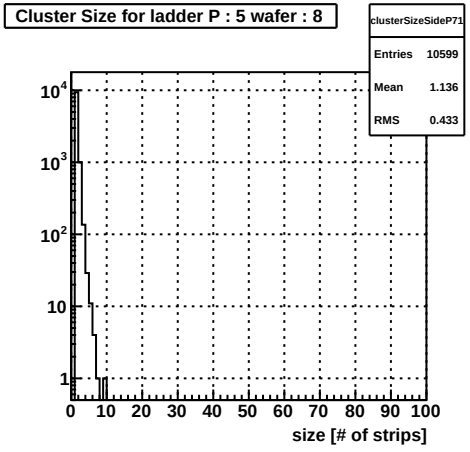

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6673
Mean 1.174
RMS 0.4793
size [# of strips]

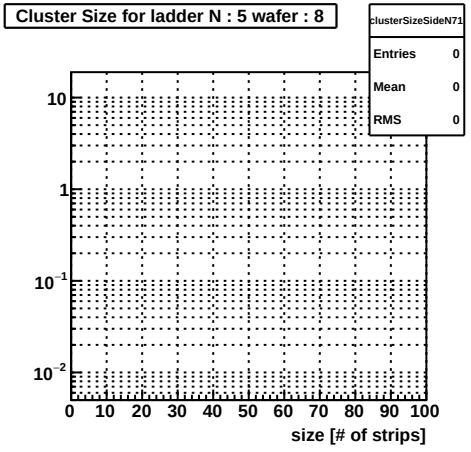

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2314
Mean 1.293
RMS 0.595
size [# of strips]

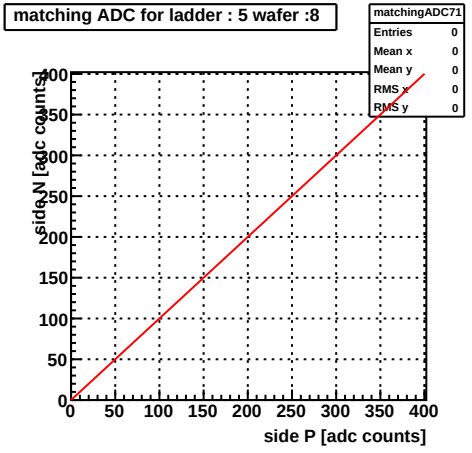

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1131
Mean x 69.73
Mean y 67.19
RMS x 55.62
RMS y 57.59
side N [adc counts]
side P [adc counts]

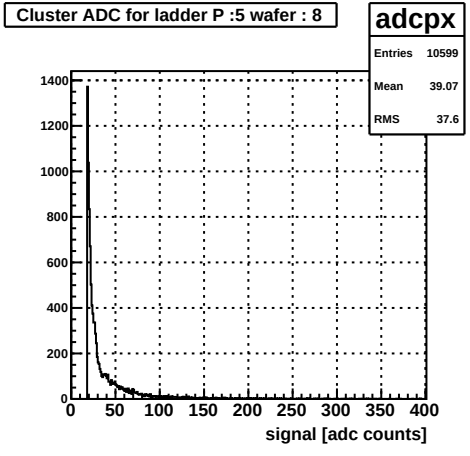

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6673
Mean 47.75
RMS 46.43
signal [adc counts]

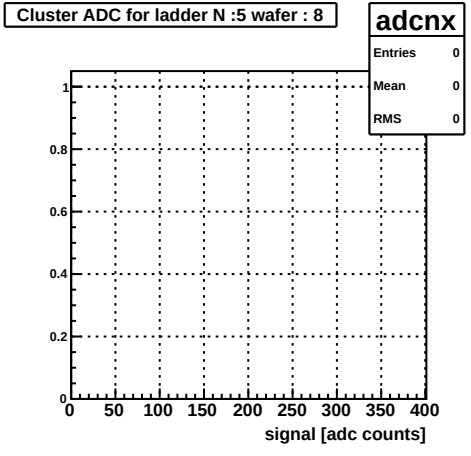

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2314
Mean 61.27
RMS 56.88
signal [adc counts]

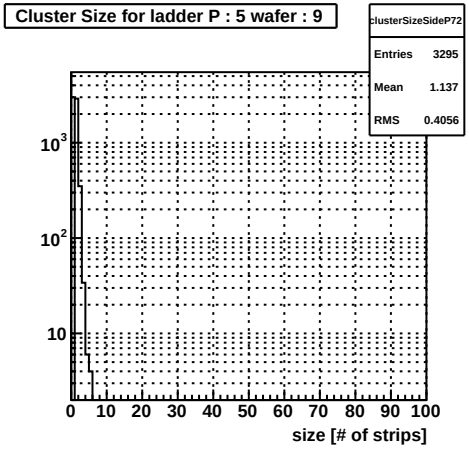

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 10599
Mean 1.136
RMS 0.433
size [# of strips]

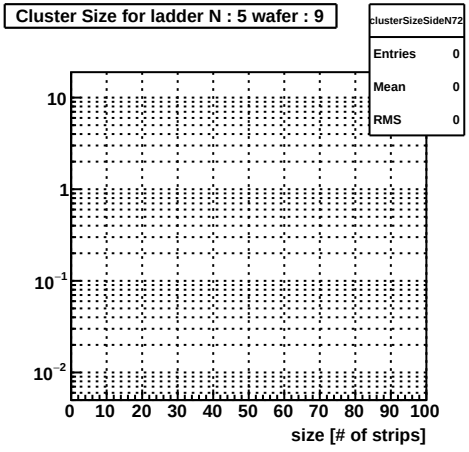

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

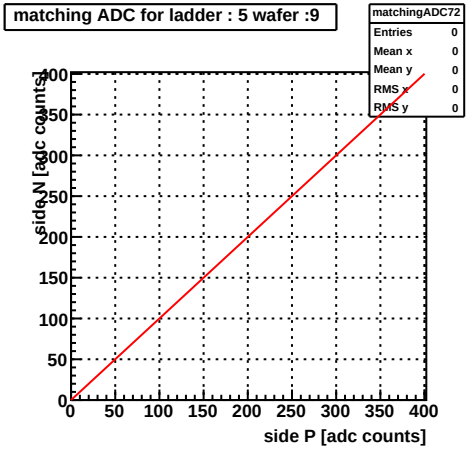

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

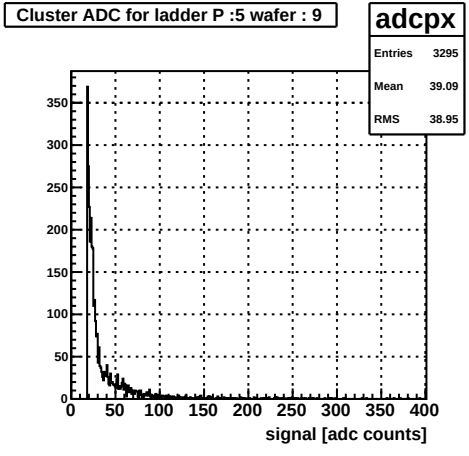

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 10599
Mean 39.07
RMS 37.6
signal [adc counts]

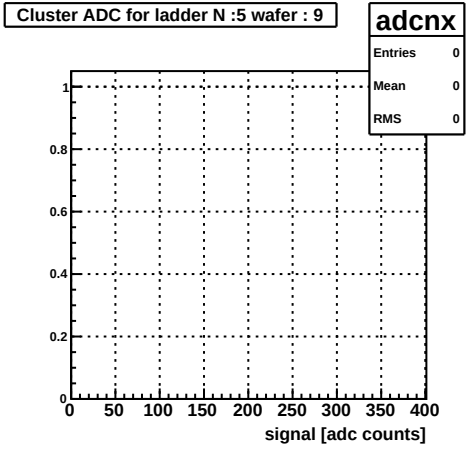

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

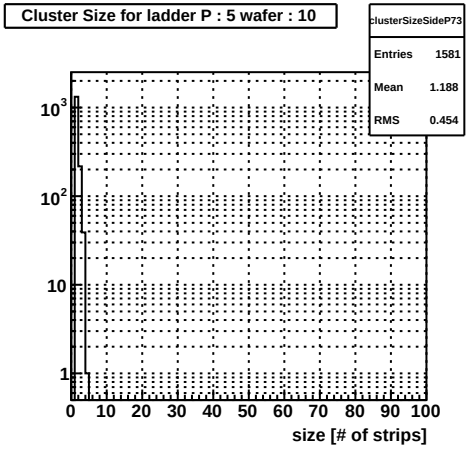

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3295
Mean 1.137
RMS 0.4056
size [# of strips]

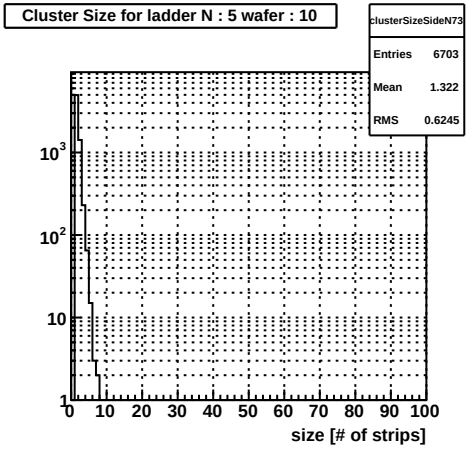

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

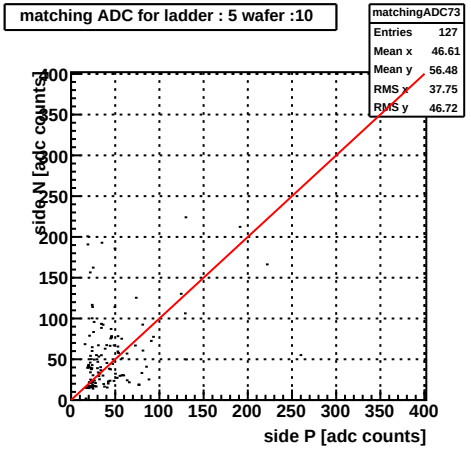

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

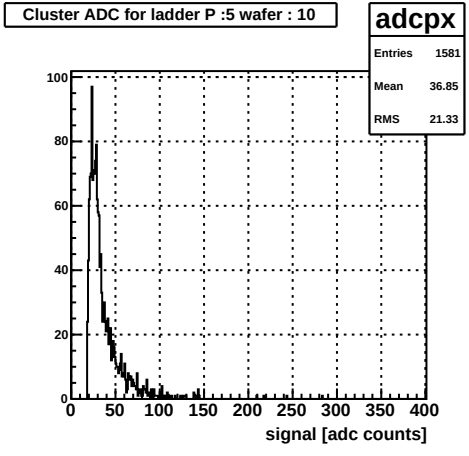

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3295
Mean 39.09
RMS 38.95
signal [adc counts]

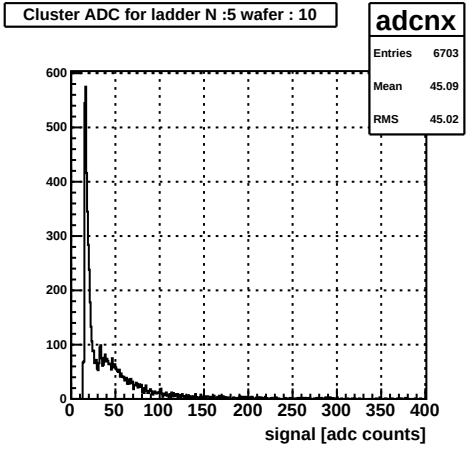

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

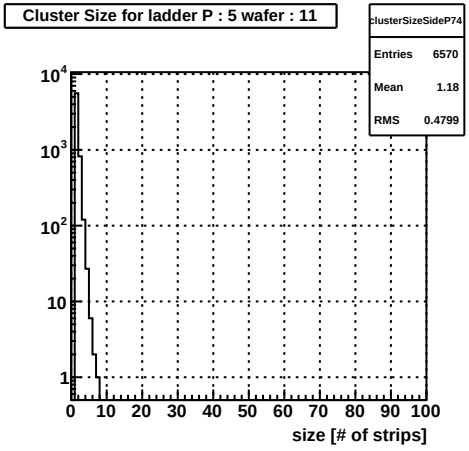

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 1581
Mean 1.188
RMS 0.454
size [# of strips]

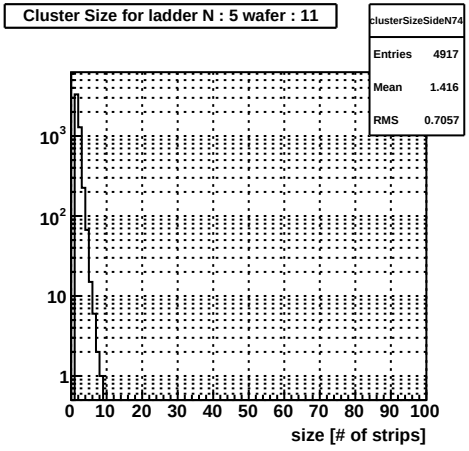

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6703
Mean 1.322
RMS 0.6245
size [# of strips]

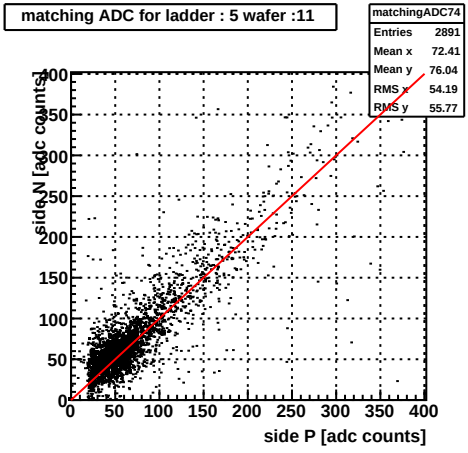

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 127
Mean x 46.61
Mean y 56.48
RMS x 37.75
RMS y 46.72
side N [adc counts]
side P [adc counts]

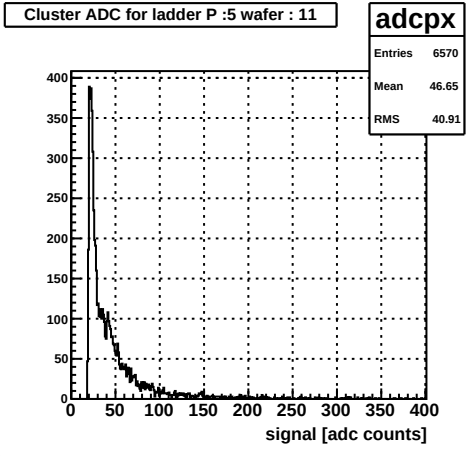

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 1581
Mean 36.85
RMS 21.33
signal [adc counts]

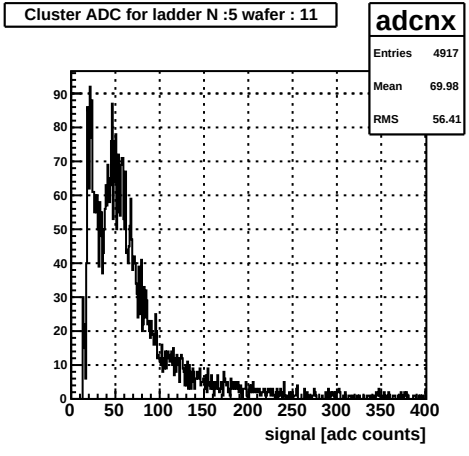

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6703
Mean 45.09
RMS 45.02
signal [adc counts]

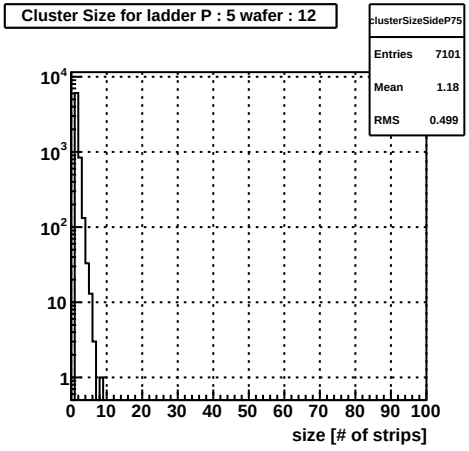

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6570
Mean 1.18
RMS 0.4799
size [# of strips]

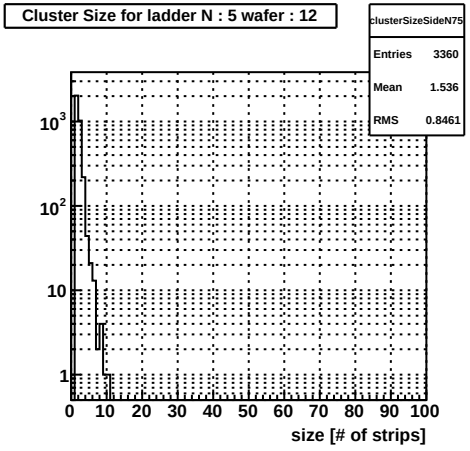

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 4917
Mean 1.416
RMS 0.7057
size [# of strips]

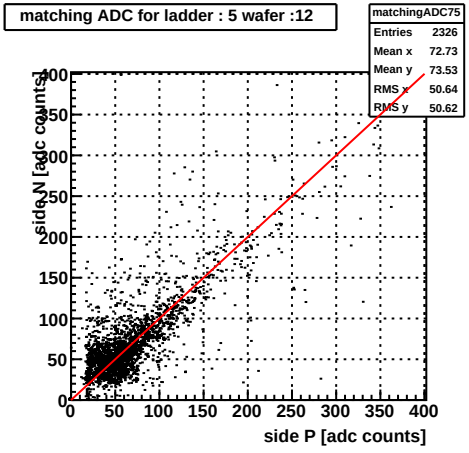

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 2891
Mean x 72.41
Mean y 76.04
RMS x 54.19
RMS y 55.77
side N [adc counts]
side P [adc counts]

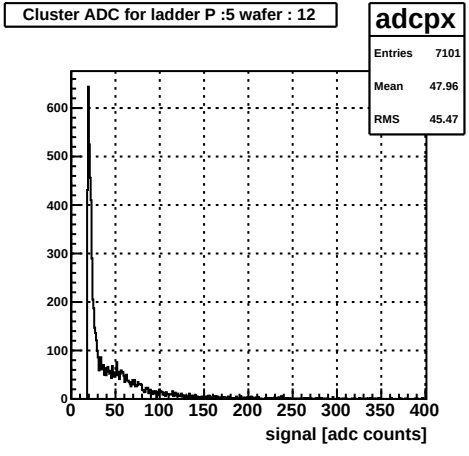

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6570
Mean 46.65
RMS 40.91
signal [adc counts]

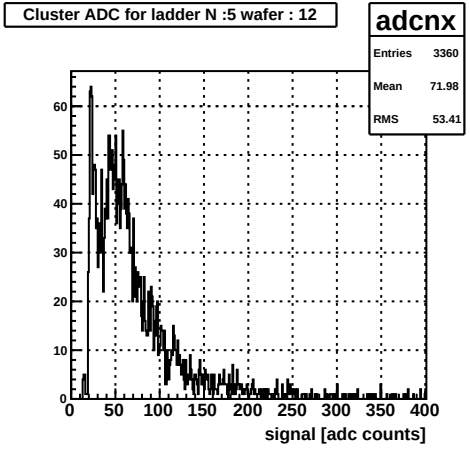

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 4917
Mean 69.98
RMS 56.41
signal [adc counts]

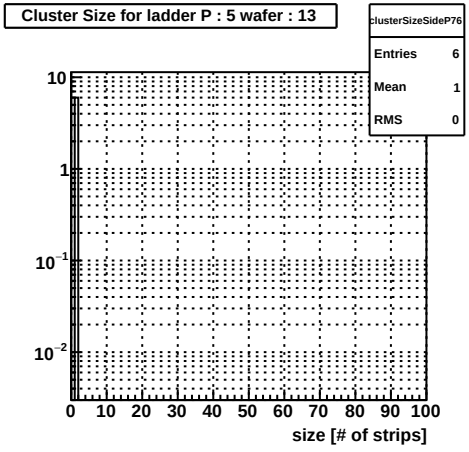

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7101
Mean 1.18
RMS 0.499
size [# of strips]

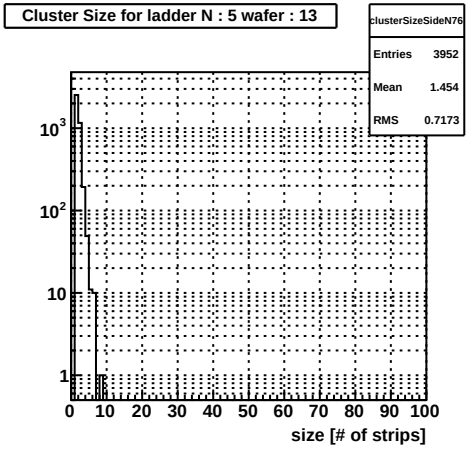

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 3360
Mean 1.536
RMS 0.8461
size [# of strips]

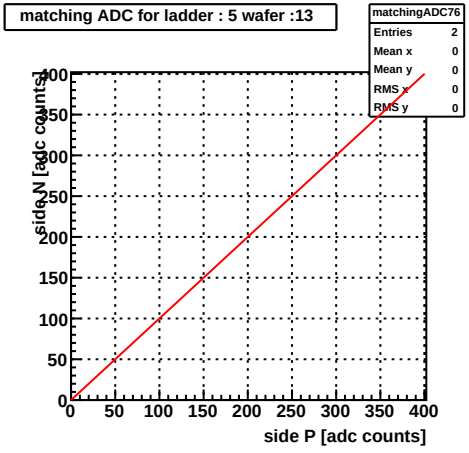

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 2326
Mean x 72.73
Mean y 73.53
RMS x 50.64
RMS y 50.62
side N [adc counts]
side P [adc counts]

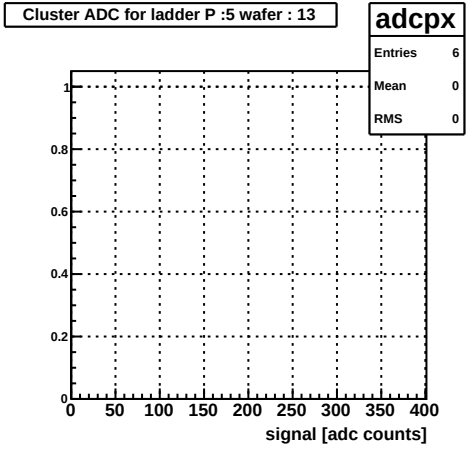

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7101
Mean 47.96
RMS 45.47
signal [adc counts]

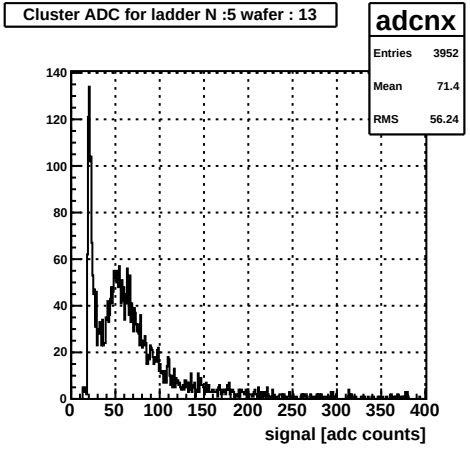

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 3360
Mean 71.98
RMS 53.41
signal [adc counts]

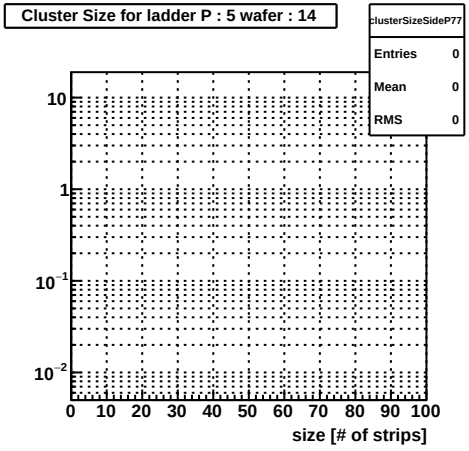

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 6
Mean 1
RMS 0
size [# of strips]

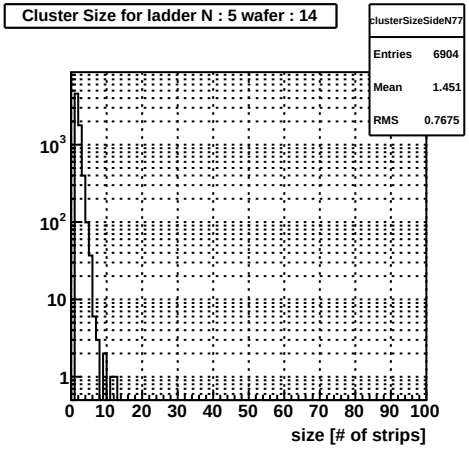

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 3952
Mean 1.454
RMS 0.7173
size [# of strips]

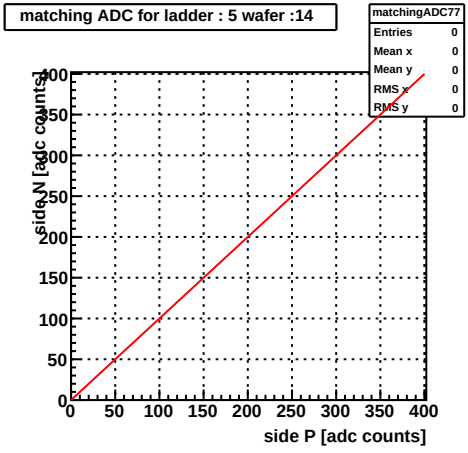

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

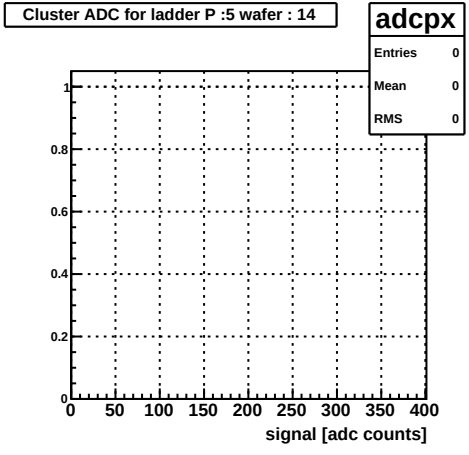

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

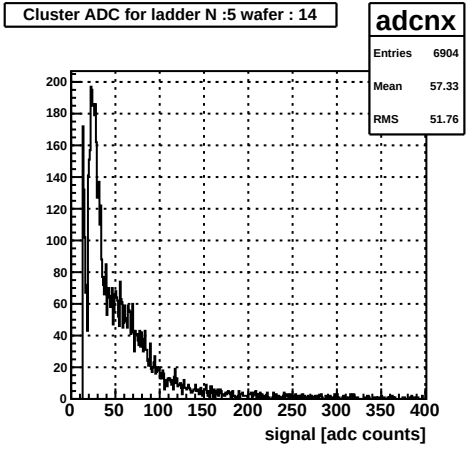

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 3952
Mean 71.4
RMS 56.24
signal [adc counts]

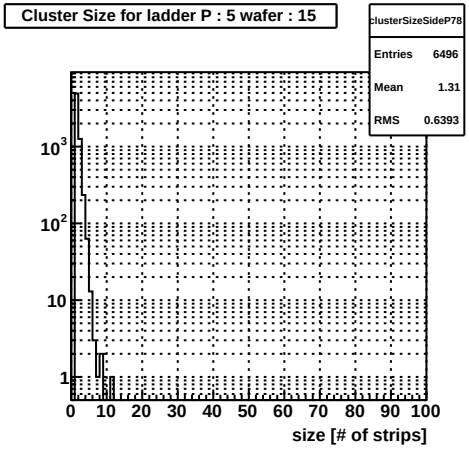

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

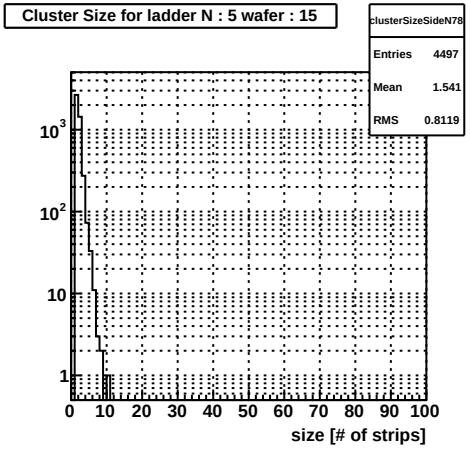

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6904
Mean 1.451
RMS 0.7675
size [# of strips]

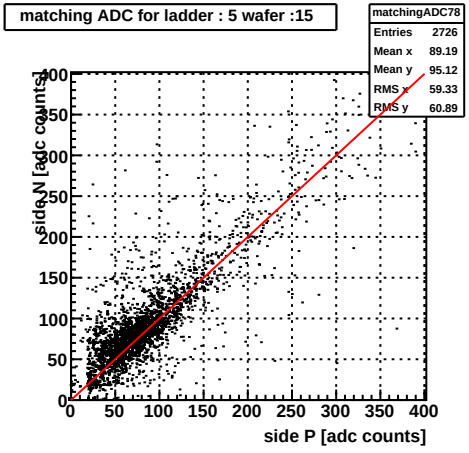

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

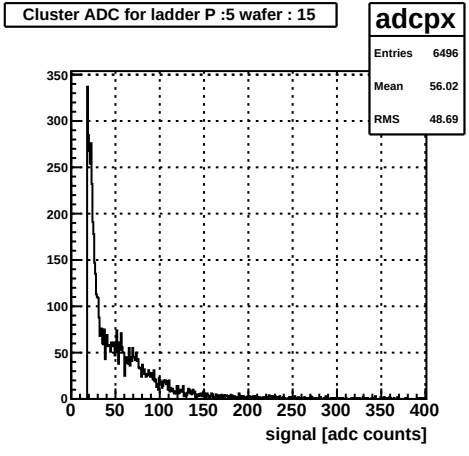

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

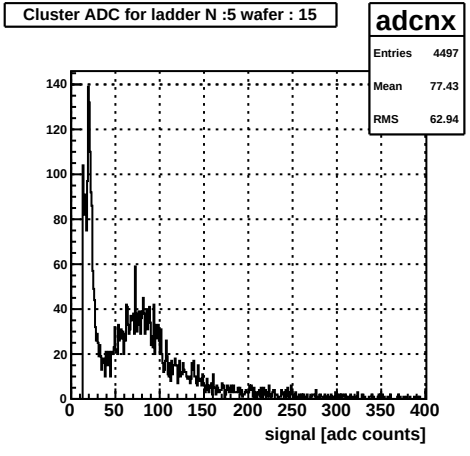

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6904
Mean 57.33
RMS 51.76
signal [adc counts]

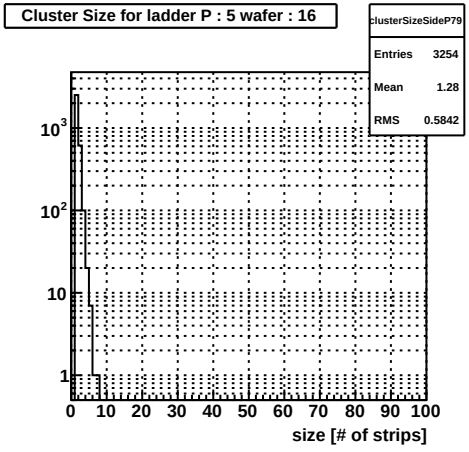

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6496
Mean 1.31
RMS 0.6393
size [# of strips]

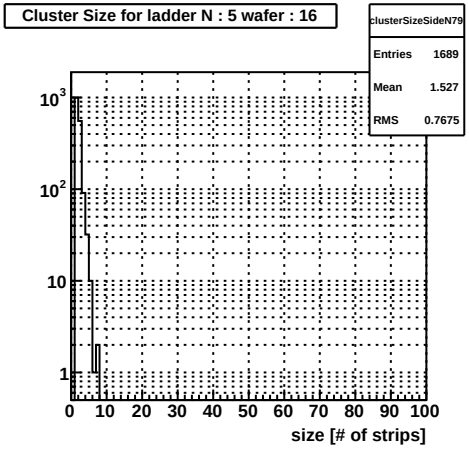

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4497
Mean 1.541
RMS 0.8119
size [# of strips]

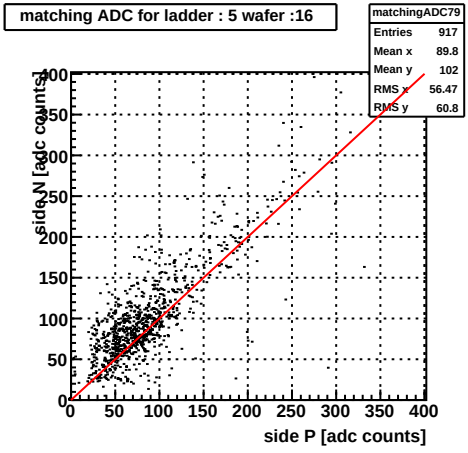

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 2726
Mean x 89.19
Mean y 95.12
RMS x 59.33
RMS y 60.89
side N [adc counts]
side P [adc counts]

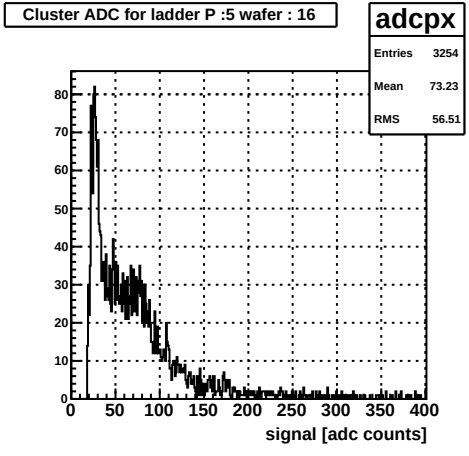

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6496
Mean 56.02
RMS 48.69
signal [adc counts]

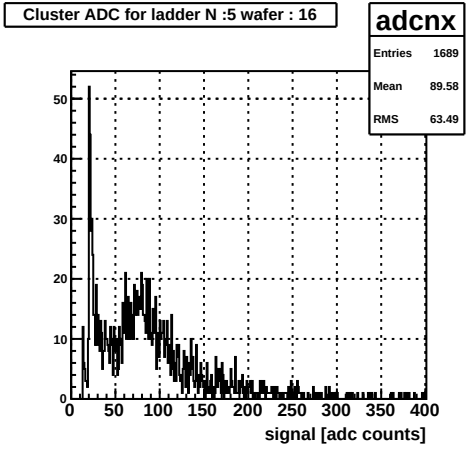

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4497
Mean 77.43
RMS 62.94
signal [adc counts]

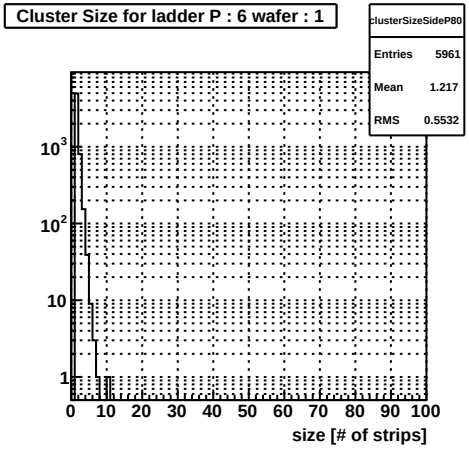

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3254
Mean 1.28
RMS 0.5842
size [# of strips]

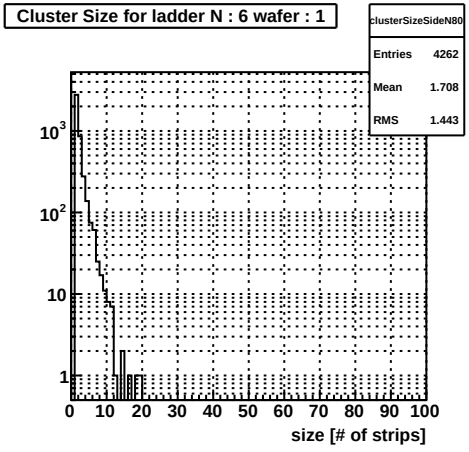

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1689
Mean 1.527
RMS 0.7675
size [# of strips]

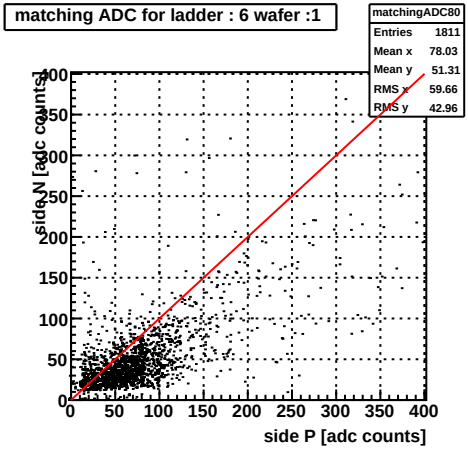

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 917
Mean x 89.8
Mean y 102
RMS x 56.47
RMS y 60.8
side N [adc counts]
side P [adc counts]

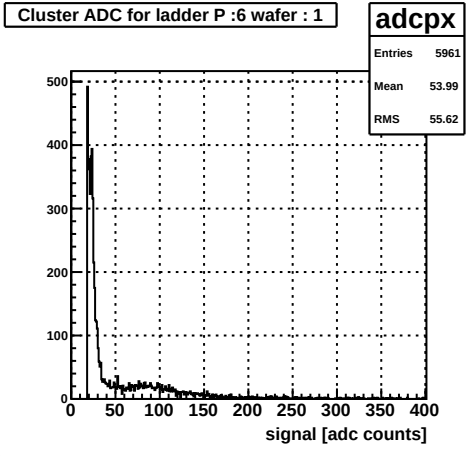

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3254
Mean 73.23
RMS 56.51
signal [adc counts]

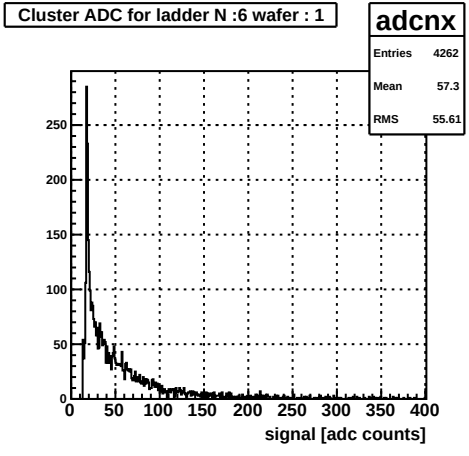

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1689
Mean 89.58
RMS 63.49
signal [adc counts]

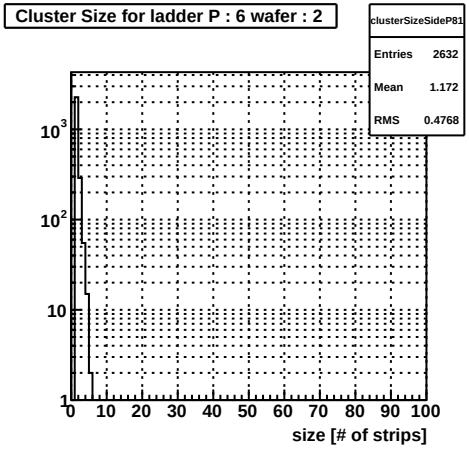

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5961
Mean 1.217
RMS 0.5532
size [# of strips]

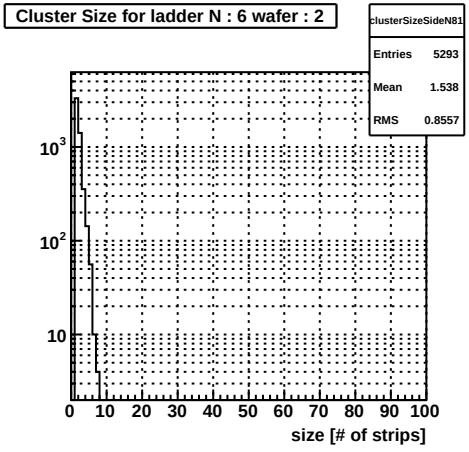

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4262
Mean 1.708
RMS 1.443
size [# of strips]

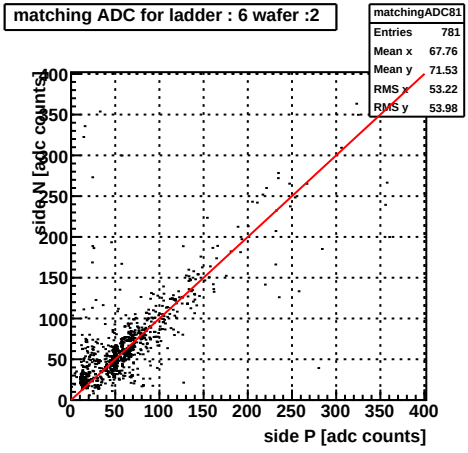

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1811
Mean x 78.03
Mean y 51.31
RMS x 59.66
RMS y 42.96
side N [adc counts]
side P [adc counts]

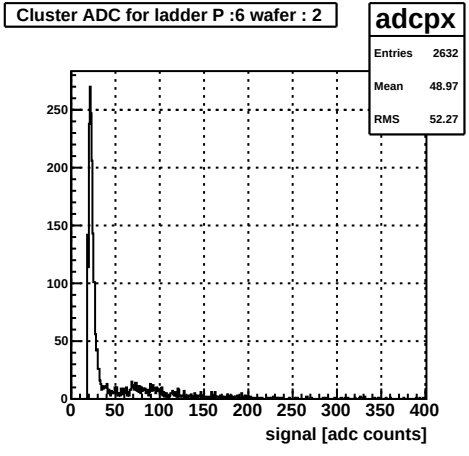

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5961
Mean 53.99
RMS 55.62
signal [adc counts]

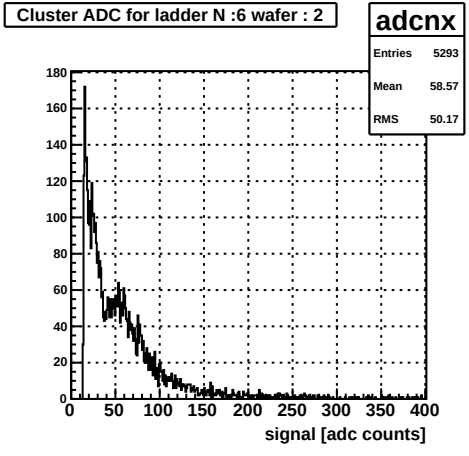

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4262
Mean 57.3
RMS 55.61
signal [adc counts]

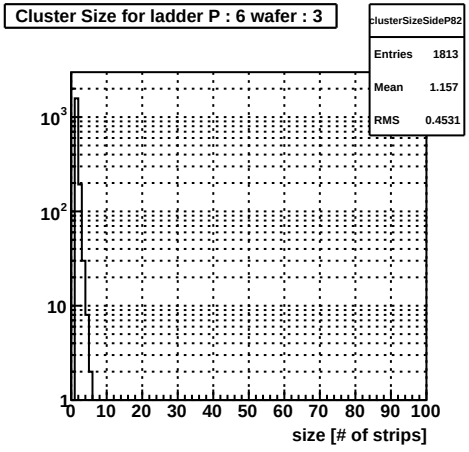

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2632
Mean 1.172
RMS 0.4768
size [# of strips]

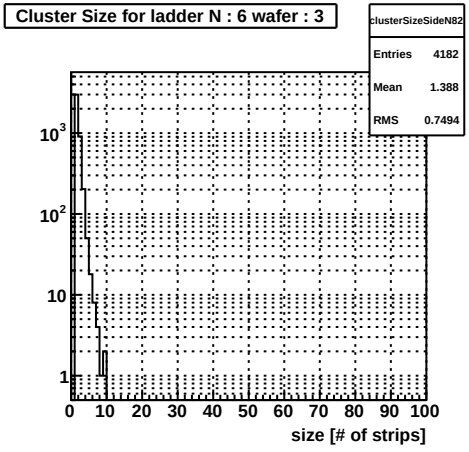

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 5293
Mean 1.538
RMS 0.8557
size [# of strips]

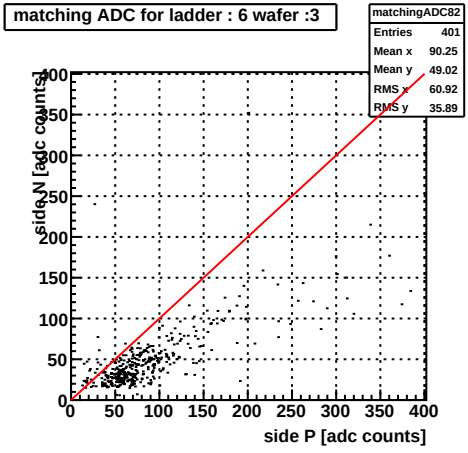

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 781
Mean x 67.76
Mean y 71.53
RMS x 53.22
RMS y 53.98
side N [adc counts]
side P [adc counts]

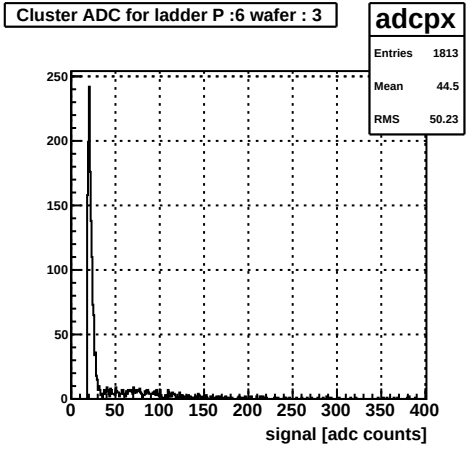

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2632
Mean 48.97
RMS 52.27
signal [adc counts]

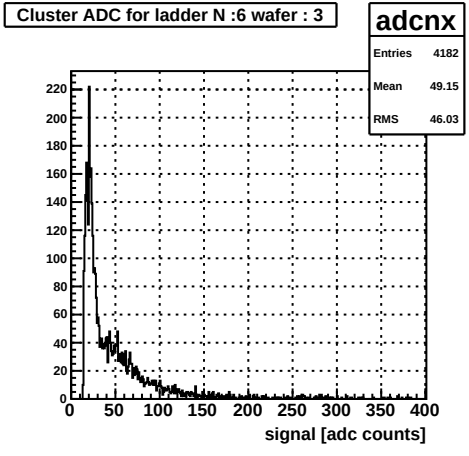

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 5293
Mean 58.57
RMS 50.17
signal [adc counts]

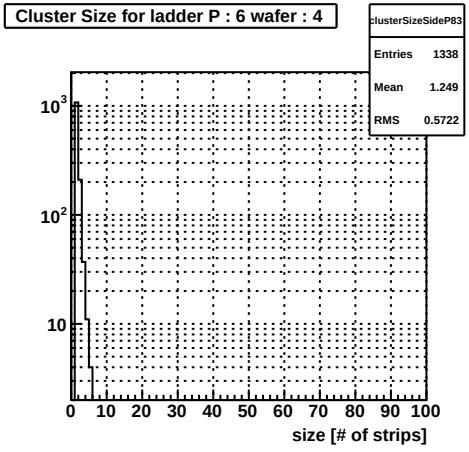

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1813
Mean 1.157
RMS 0.4531
size [# of strips]

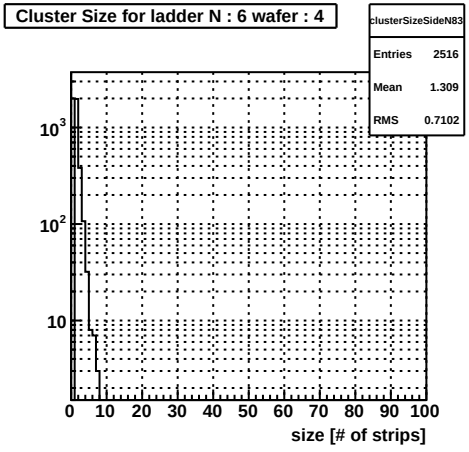

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4182
Mean 1.388
RMS 0.7494
size [# of strips]

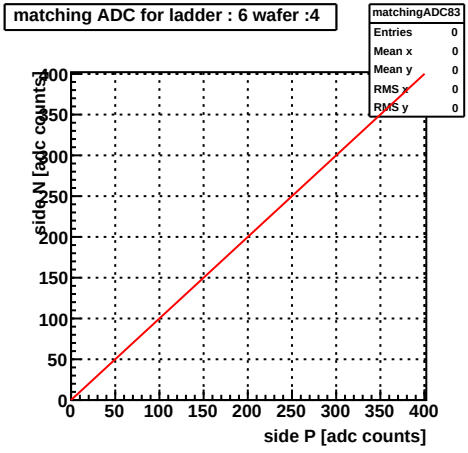

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 401
Mean x 90.25
Mean y 49.02
RMS x 60.92
RMS y 35.89
side N [adc counts]
side P [adc counts]

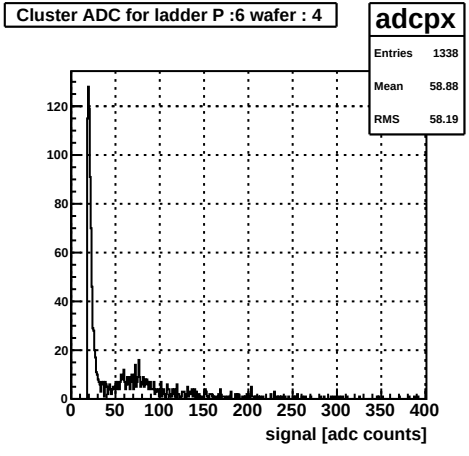

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1813
Mean 44.5
RMS 50.23
signal [adc counts]

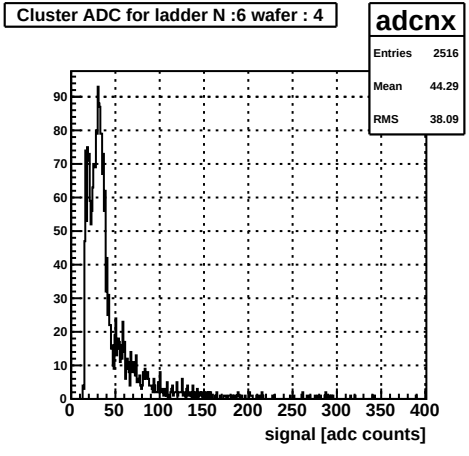

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4182
Mean 49.15
RMS 46.03
signal [adc counts]

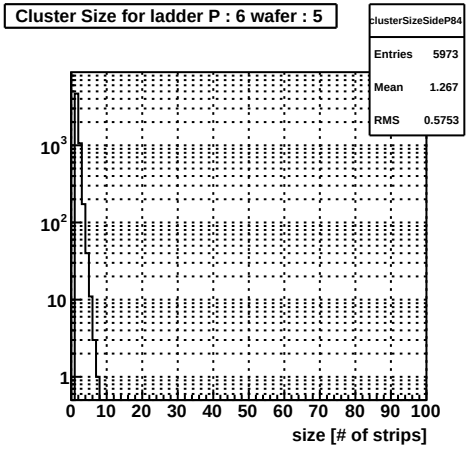

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1338
Mean 1.249
RMS 0.5722
size [# of strips]

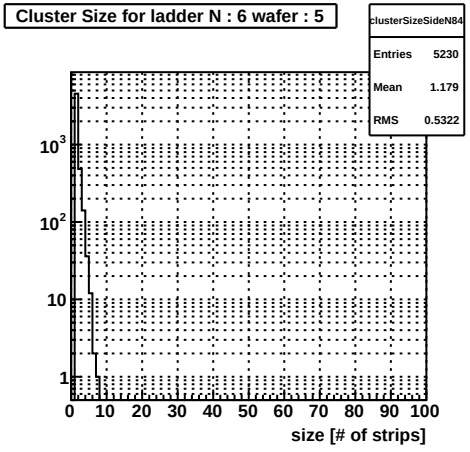

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2516
Mean 1.309
RMS 0.7102
size [# of strips]

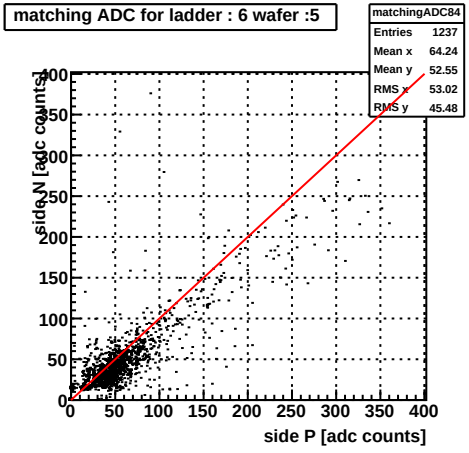

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

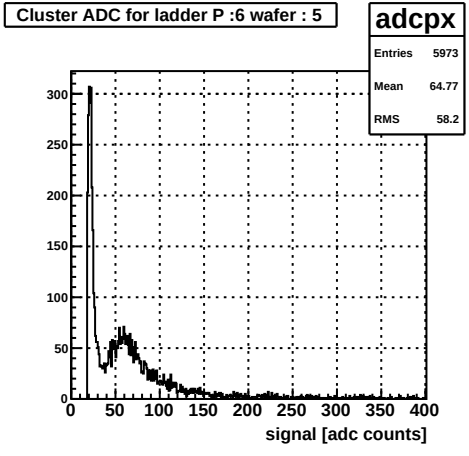

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1338
Mean 58.88
RMS 58.19
signal [adc counts]

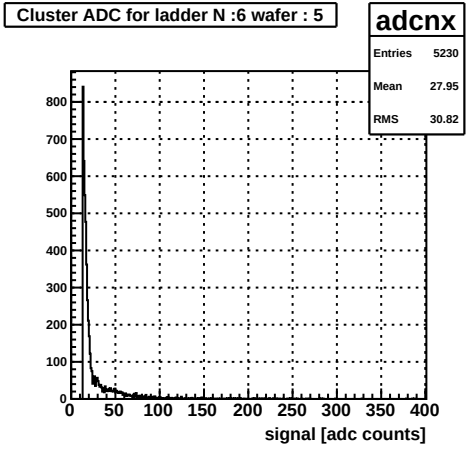

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2516
Mean 44.29
RMS 38.09
signal [adc counts]

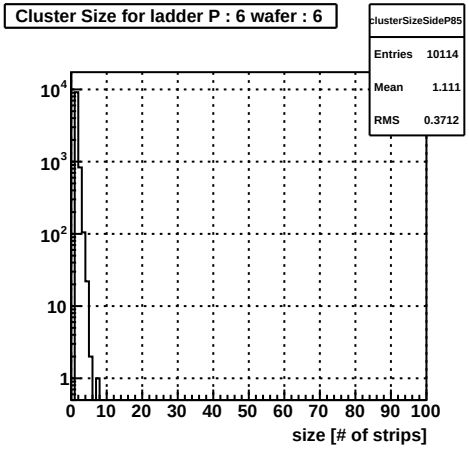

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 5973
Mean 1.267
RMS 0.5753
size [# of strips]

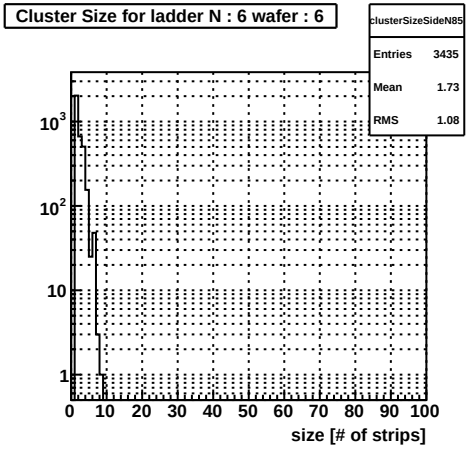

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 5230
Mean 1.179
RMS 0.5322
size [# of strips]

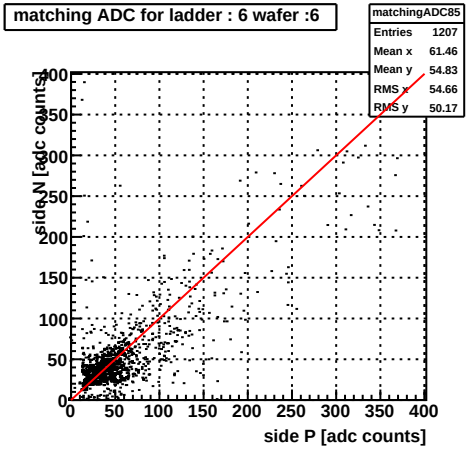

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1237
Mean x 64.24
Mean y 52.55
RMS x 53.02
RMS y 45.48
side N [adc counts]
side P [adc counts]

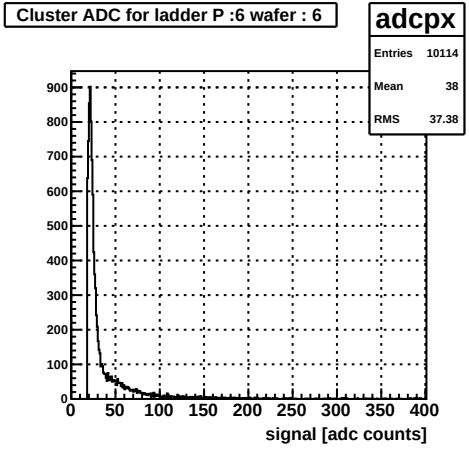

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 5973
Mean 64.77
RMS 58.2
signal [adc counts]

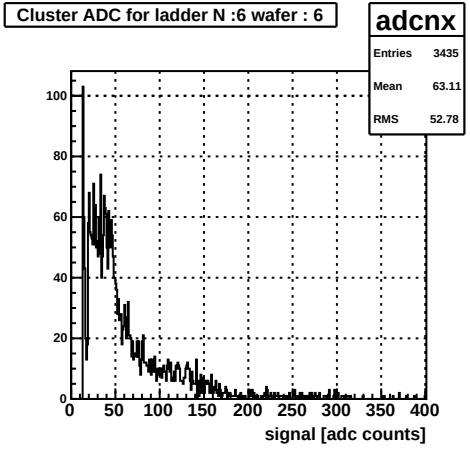

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 5230
Mean 27.95
RMS 30.82
signal [adc counts]

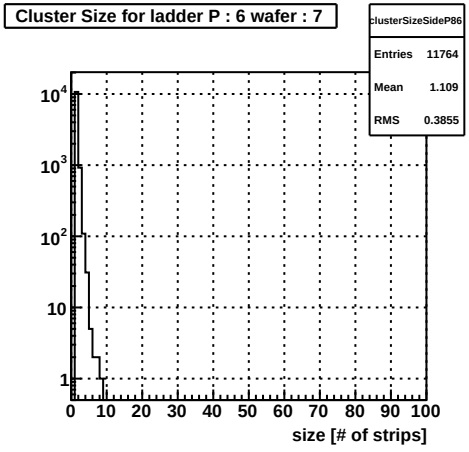

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10114
Mean 1.111
RMS 0.3712
size [# of strips]

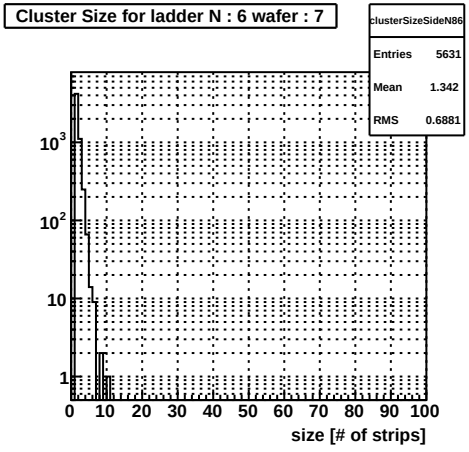

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3435
Mean 1.73
RMS 1.08
size [# of strips]

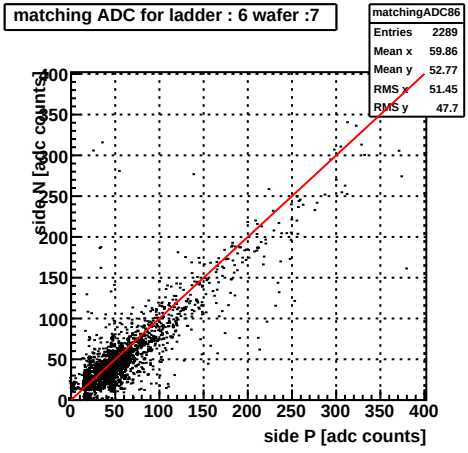

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1207
Mean x 61.46
Mean y 54.83
RMS x 54.66
RMS y 50.17
side N [adc counts]
side P [adc counts]

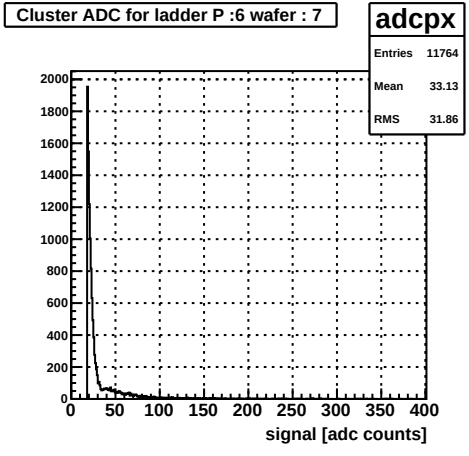

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10114
Mean 38
RMS 37.38
signal [adc counts]

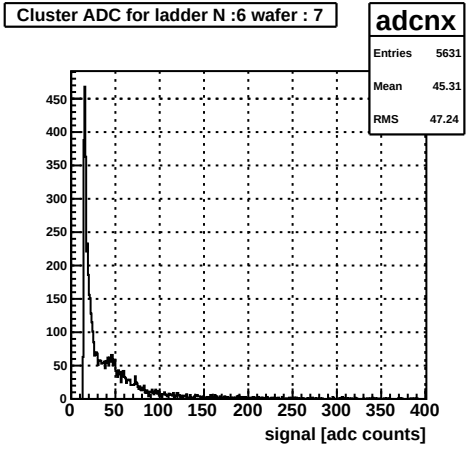

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3435
Mean 63.11
RMS 52.78
signal [adc counts]

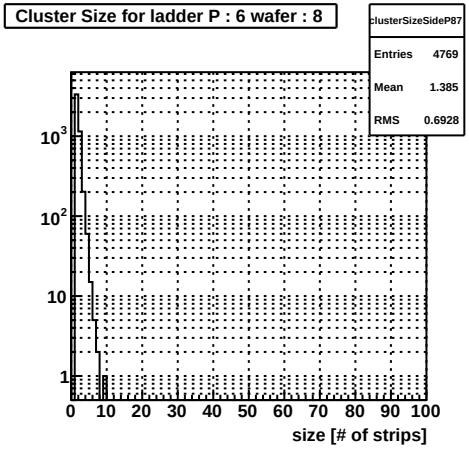

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 11764
Mean 1.109
RMS 0.3855
size [# of strips]

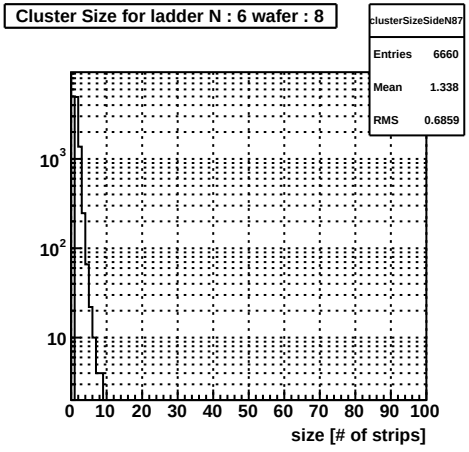

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5631
Mean 1.342
RMS 0.6881
size [# of strips]

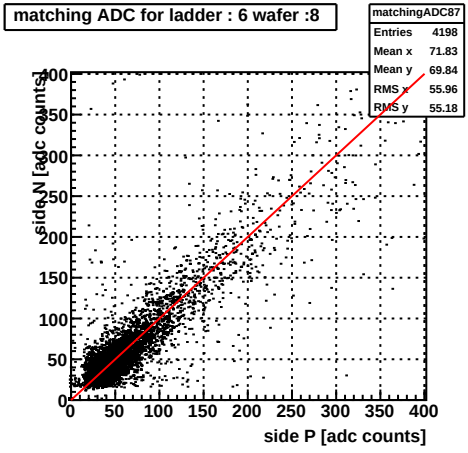

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 2289
Mean x 59.86
Mean y 52.77
RMS x 51.45
RMS y 47.7
side N [adc counts]
side P [adc counts]

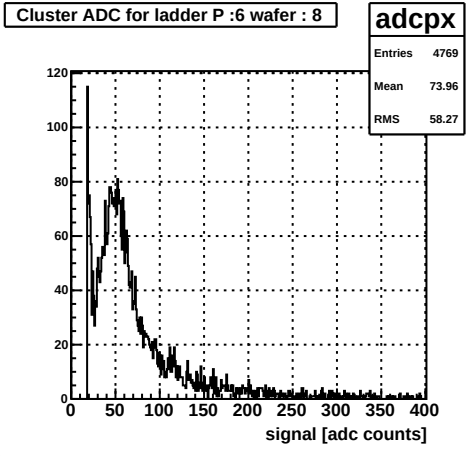

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 11764
Mean 33.13
RMS 31.86
signal [adc counts]

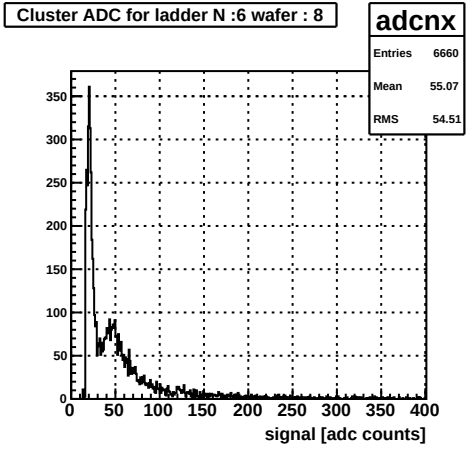

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5631
Mean 45.31
RMS 47.24
signal [adc counts]

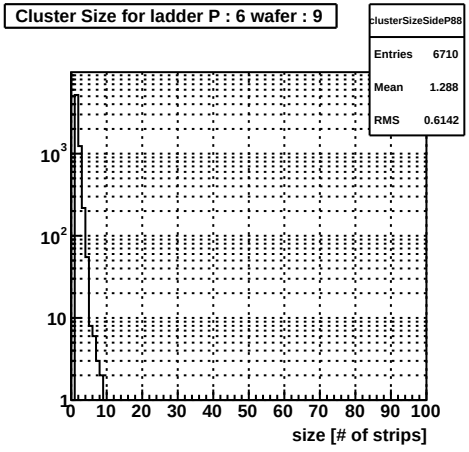

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 4769
Mean 1.385
RMS 0.6928
size [# of strips]

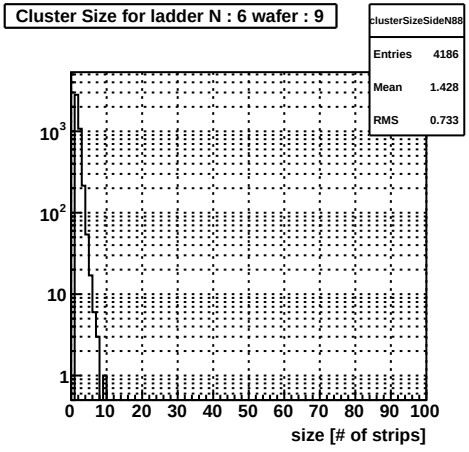

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 6660
Mean 1.338
RMS 0.6859
size [# of strips]

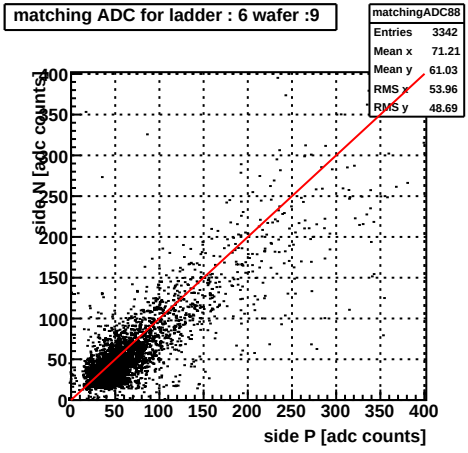

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 4198
Mean x 71.83
Mean y 69.84
RMS x 55.96
RMS y 55.18
side N [adc counts]
side P [adc counts]

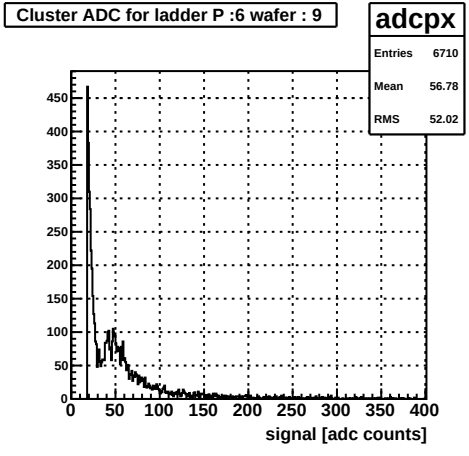

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 4769
Mean 73.96
RMS 58.27
signal [adc counts]

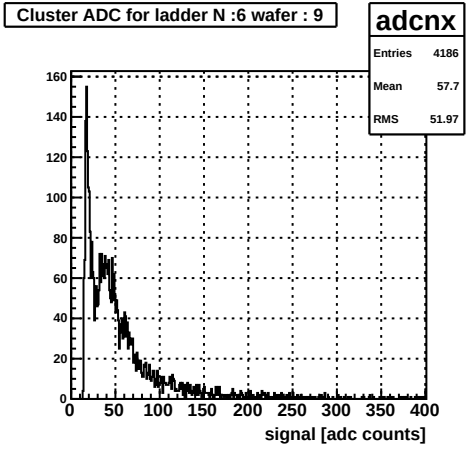

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 6660
Mean 55.07
RMS 54.51
signal [adc counts]

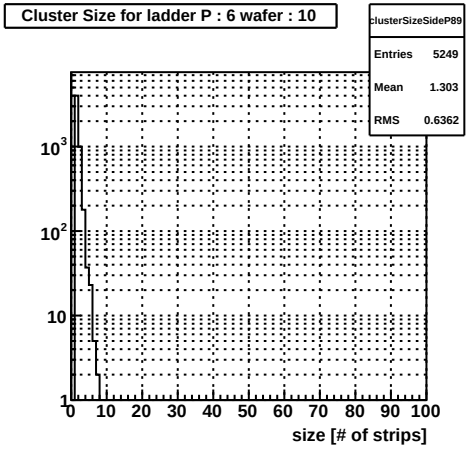

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6710
Mean 1.288
RMS 0.6142
size [# of strips]

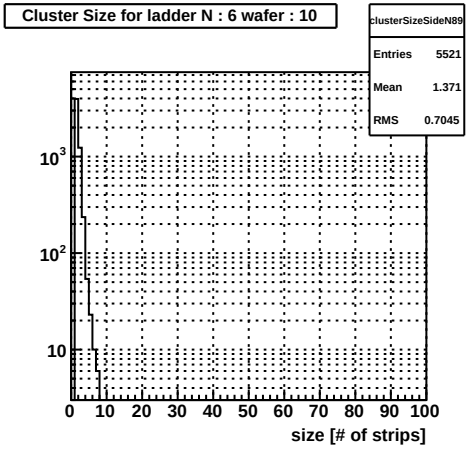

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 4186
Mean 1.428
RMS 0.733
size [# of strips]

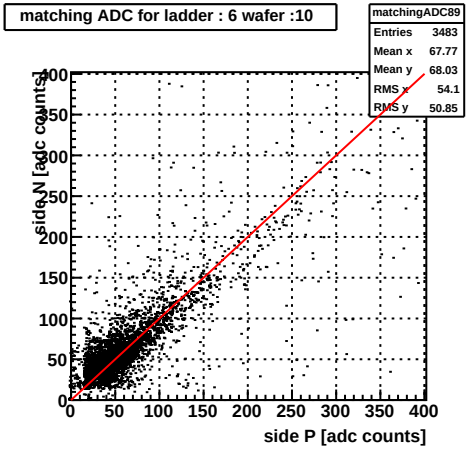

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 3342
Mean x 71.21
Mean y 61.03
RMS x 53.96
RMS y 48.69
side N [adc counts]
side P [adc counts]

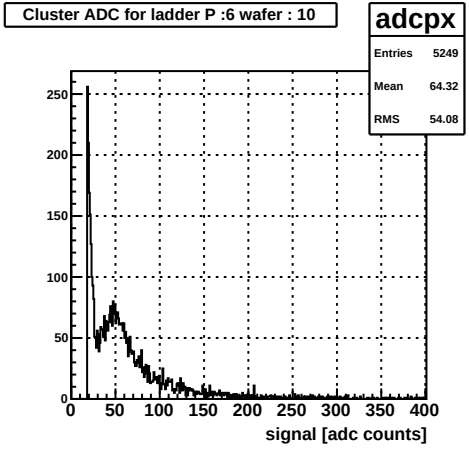

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6710
Mean 56.78
RMS 52.02
signal [adc counts]

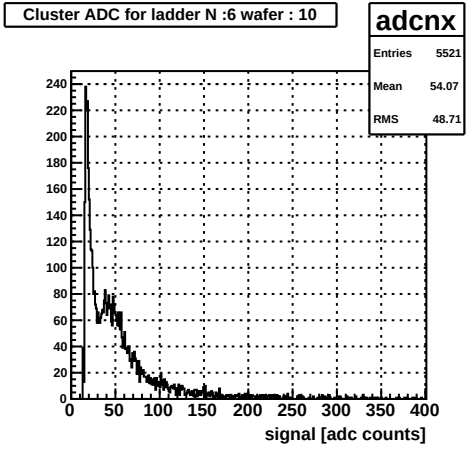

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 4186
Mean 57.7
RMS 51.97
signal [adc counts]

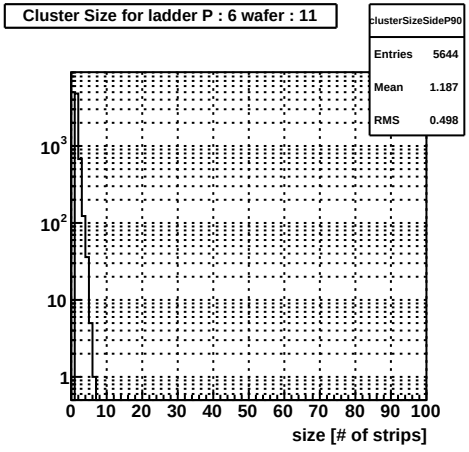

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 5249
Mean 1.303
RMS 0.6362
size [# of strips]

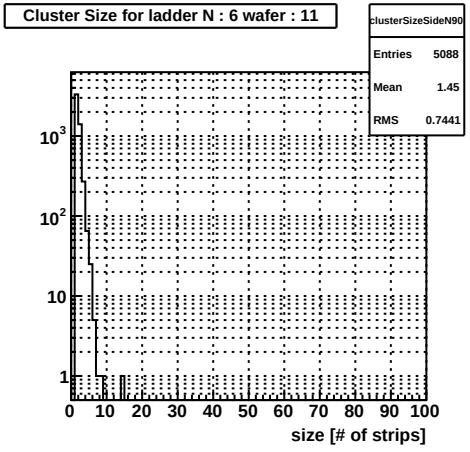

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5521
Mean 1.371
RMS 0.7045
size [# of strips]

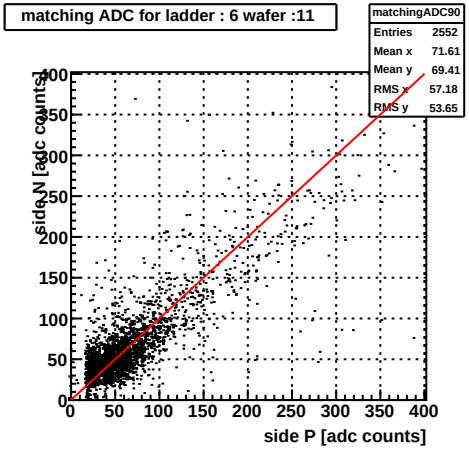

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 3483
Mean x 67.77
Mean y 68.03
RMS x 54.1
RMS y 50.85
side N [adc counts]
side P [adc counts]

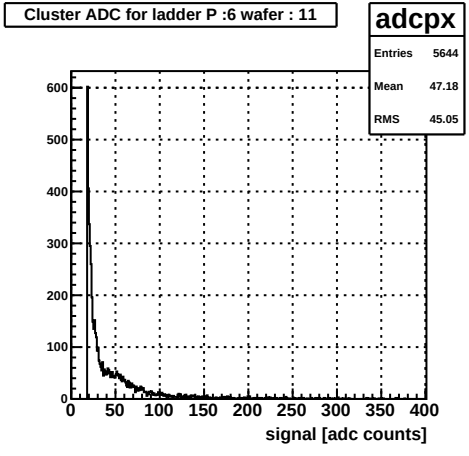

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 5249
Mean 64.32
RMS 54.08
signal [adc counts]

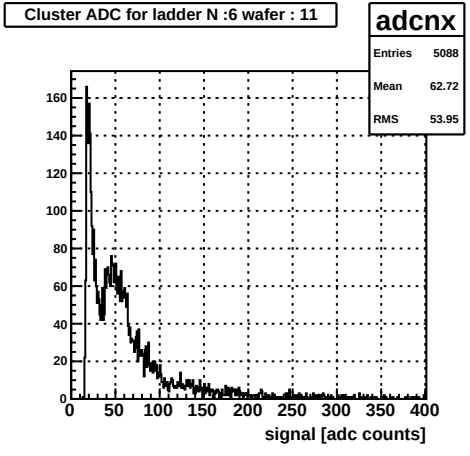

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5521
Mean 54.07
RMS 48.71
signal [adc counts]

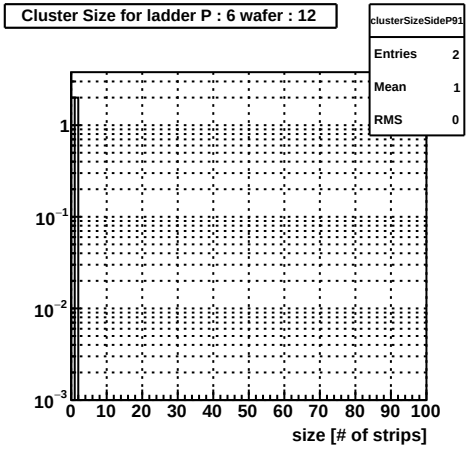

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5644
Mean 1.187
RMS 0.498
size [# of strips]

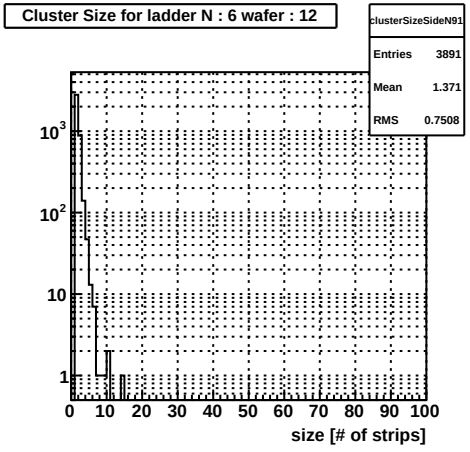

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 5088
Mean 1.45
RMS 0.7441
size [# of strips]

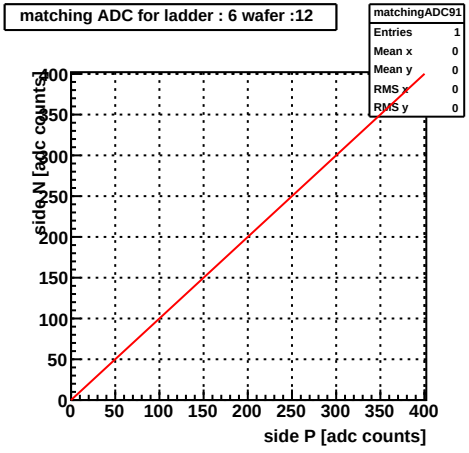

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 2552
Mean x 71.61
Mean y 69.41
RMS x 57.18
RMS y 53.65
side N [adc counts]
side P [adc counts]

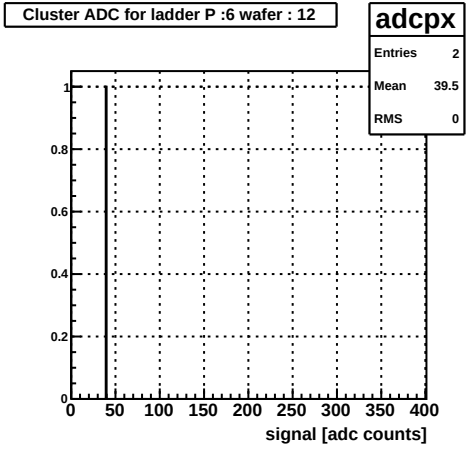

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5644
Mean 47.18
RMS 45.05
signal [adc counts]

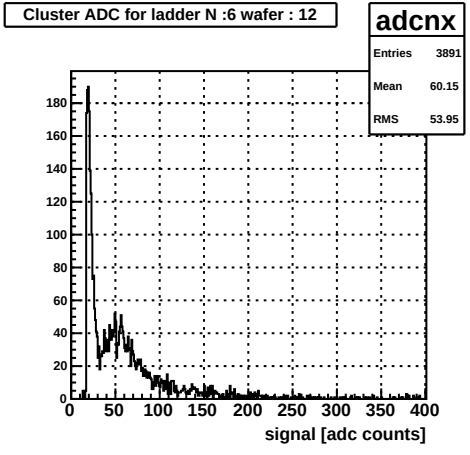

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 5088
Mean 62.72
RMS 53.95
signal [adc counts]

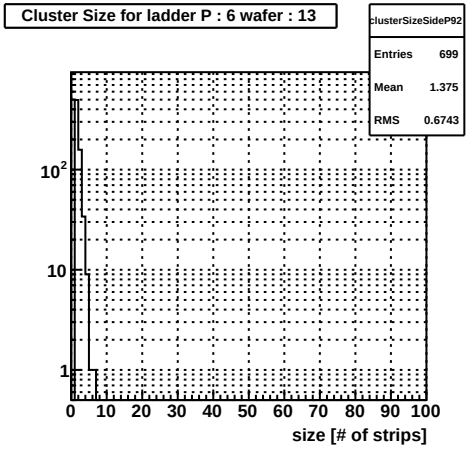

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

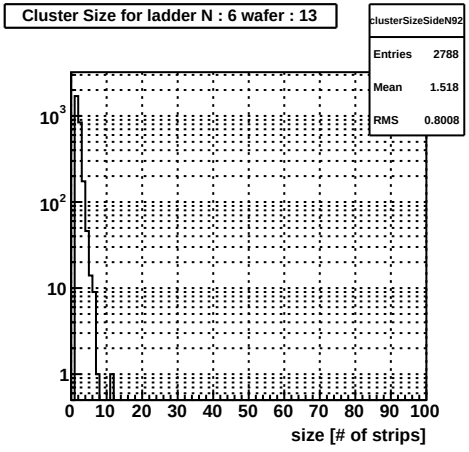

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 3891
Mean 1.371
RMS 0.7508
size [# of strips]

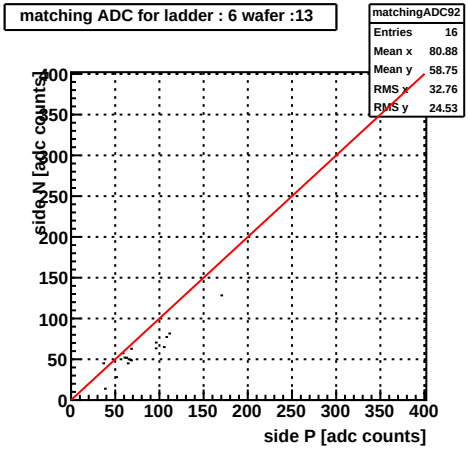

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

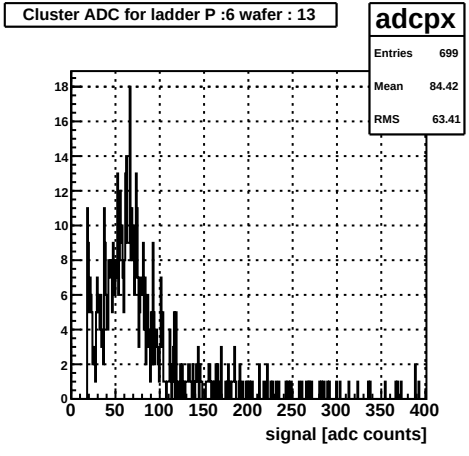

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 39.5
RMS 0
signal [adc counts]

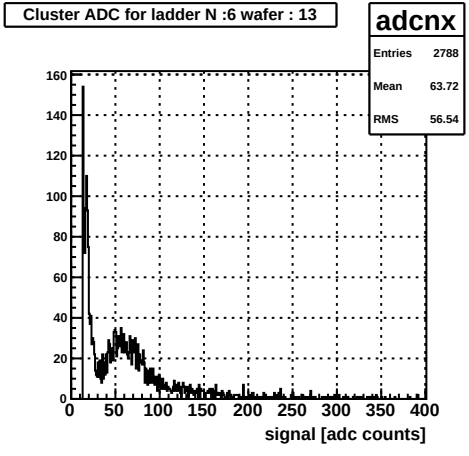

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 3891
Mean 60.15
RMS 53.95
signal [adc counts]

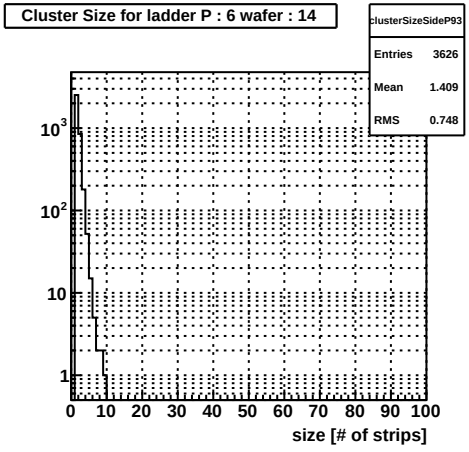

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 699
Mean 1.375
RMS 0.6743
size [# of strips]

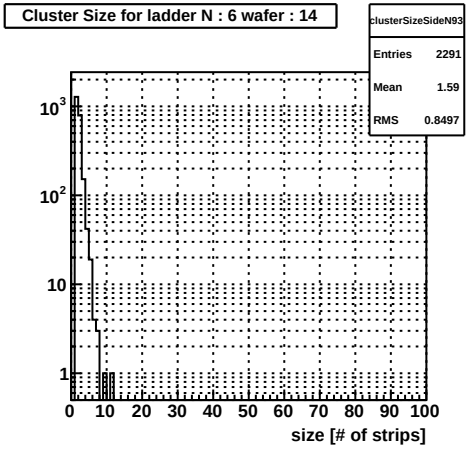

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 2788
Mean 1.518
RMS 0.8008
size [# of strips]

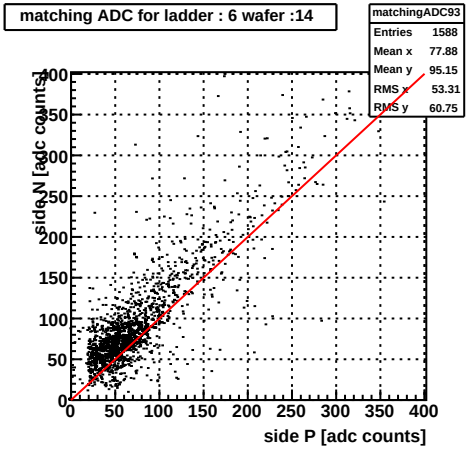

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 16
Mean x 80.88
Mean y 58.75
RMS x 32.76
RMS y 24.53
side N [adc counts]
side P [adc counts]

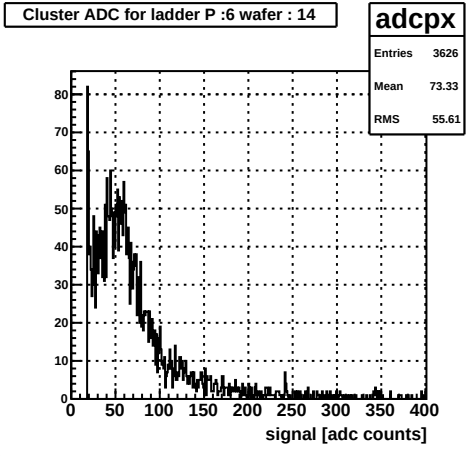

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 699
Mean 84.42
RMS 63.41
signal [adc counts]

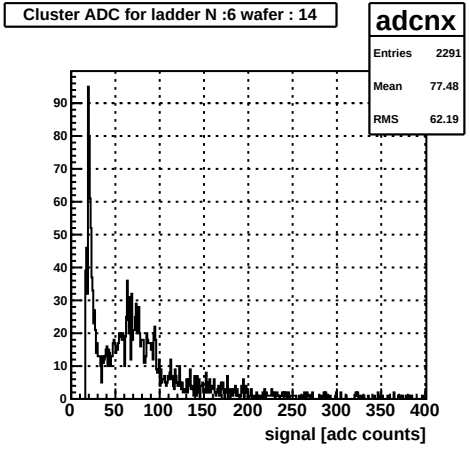

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 2788
Mean 63.72
RMS 56.54
signal [adc counts]

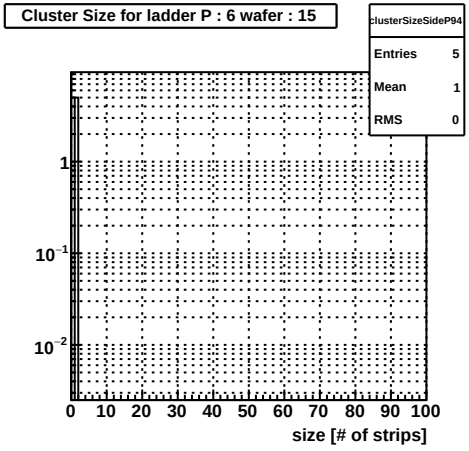

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 3626
Mean 1.409
RMS 0.748
size [# of strips]

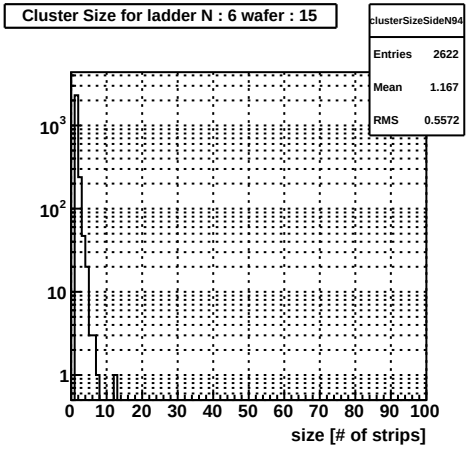

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2291
Mean 1.59
RMS 0.8497
size [# of strips]

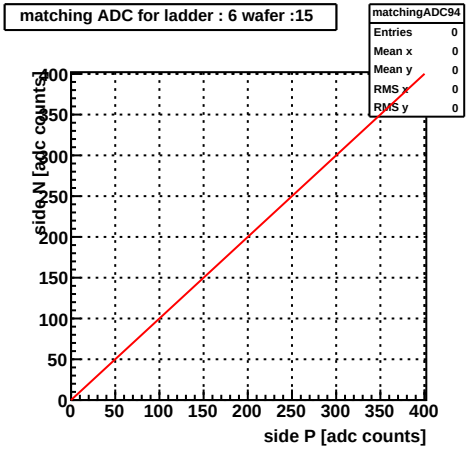

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1588
Mean x 77.88
Mean y 95.15
RMS x 53.31
RMS y 60.75
side N [adc counts]
side P [adc counts]

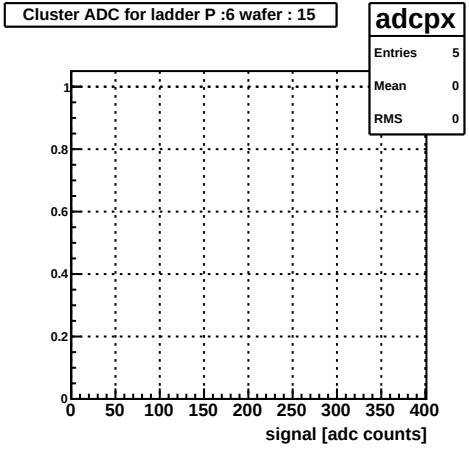

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 3626
Mean 73.33
RMS 55.61
signal [adc counts]

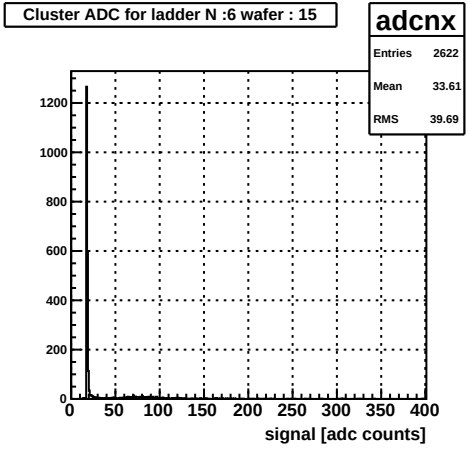

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2291
Mean 77.48
RMS 62.19
signal [adc counts]

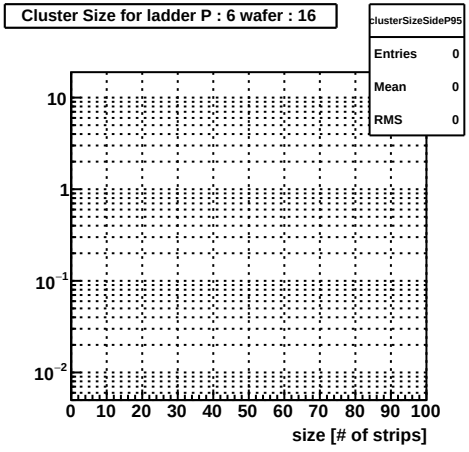

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 5
Mean 1
RMS 0
size [# of strips]

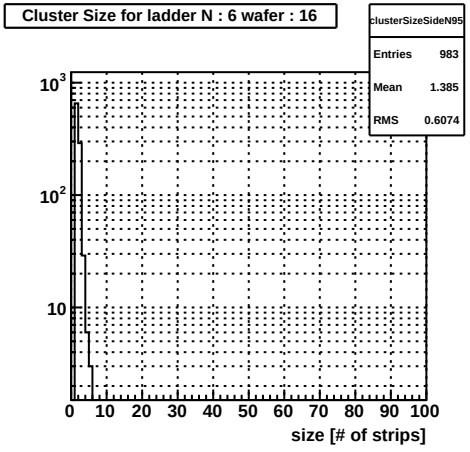

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2622
Mean 1.167
RMS 0.5572
size [# of strips]

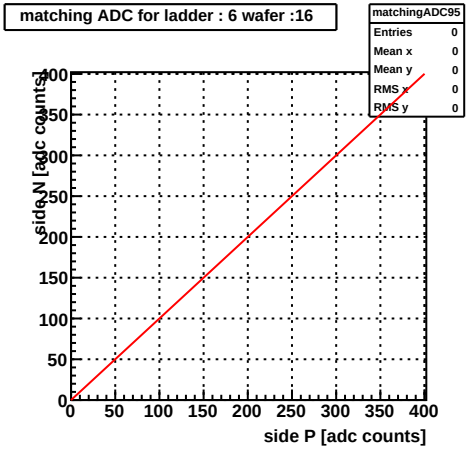

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

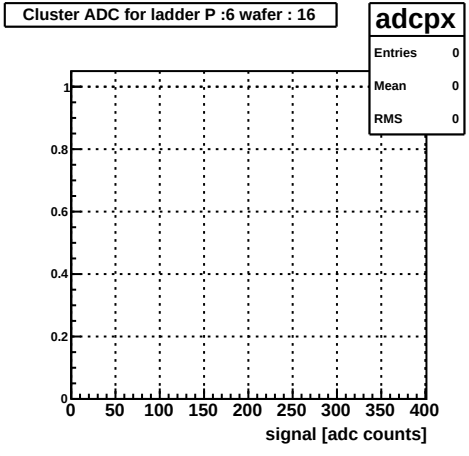

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

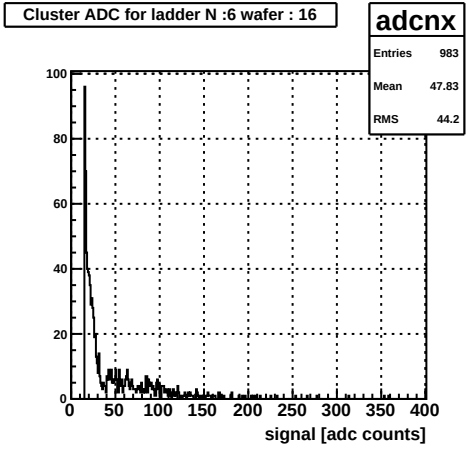

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2622
Mean 33.61
RMS 39.69
signal [adc counts]

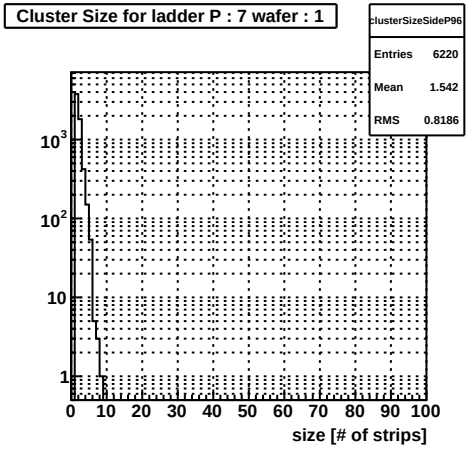

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

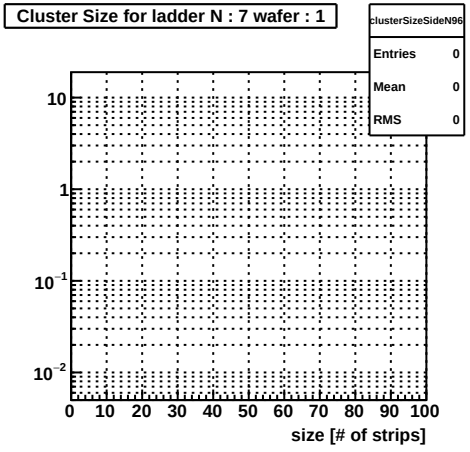

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 983
Mean 1.385
RMS 0.6074
size [# of strips]

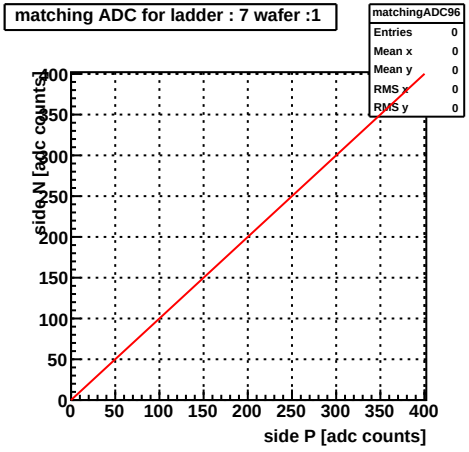

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

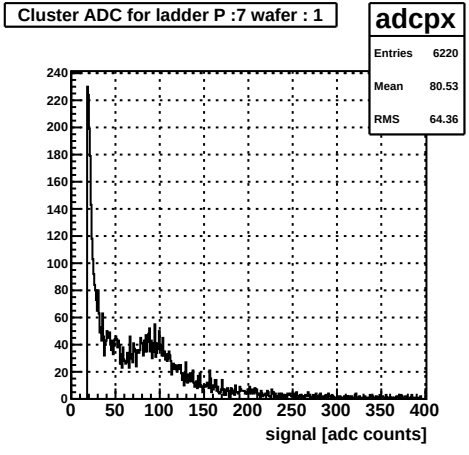

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

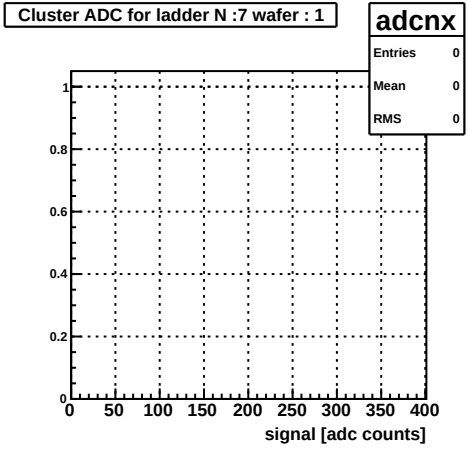

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 983
Mean 47.83
RMS 44.2
signal [adc counts]

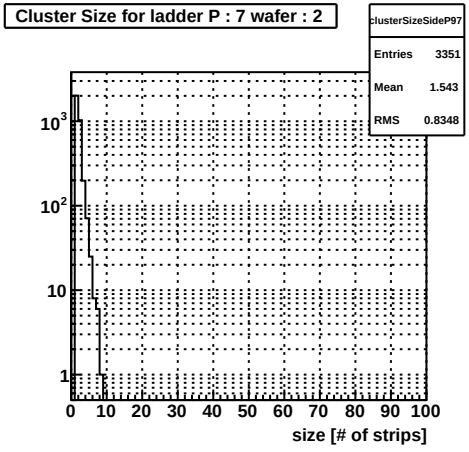

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 6220
Mean 1.542
RMS 0.8186
size [# of strips]

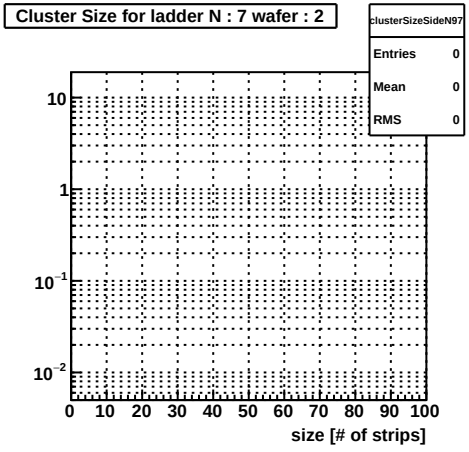

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

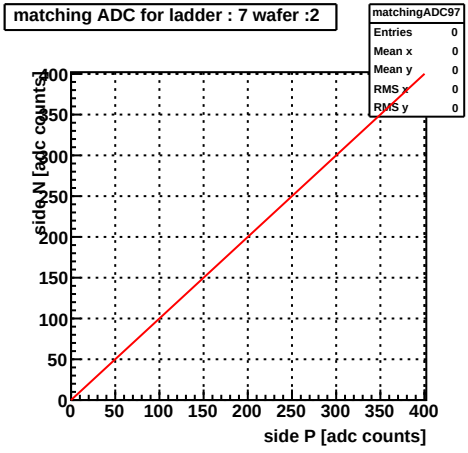

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

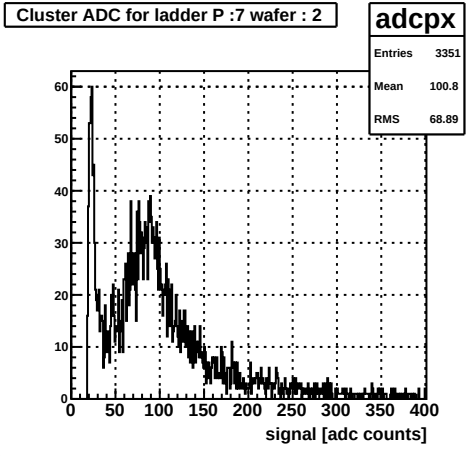

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 6220
Mean 80.53
RMS 64.36
signal [adc counts]

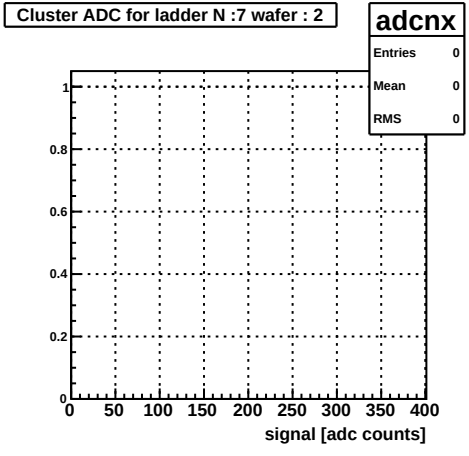

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

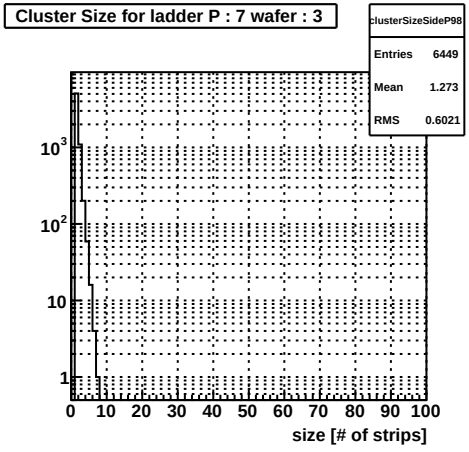

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 3351
Mean 1.543
RMS 0.8348
size [# of strips]

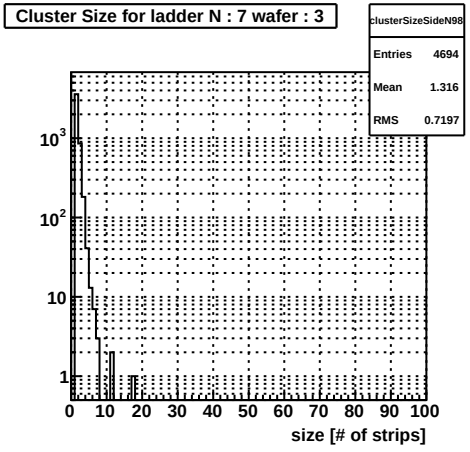

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

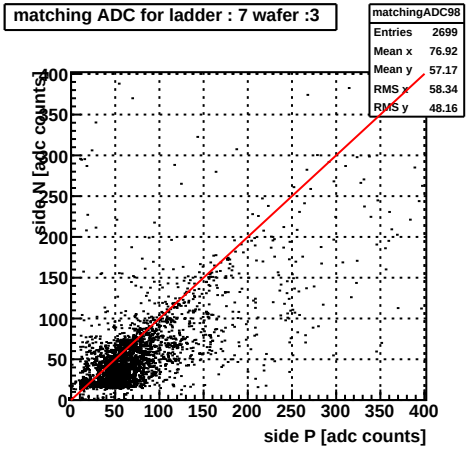

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

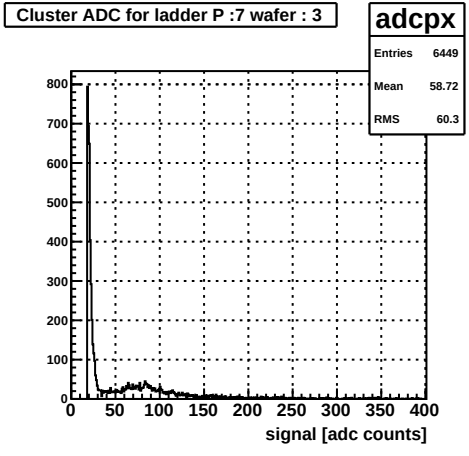

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 3351
Mean 100.8
RMS 68.89
signal [adc counts]

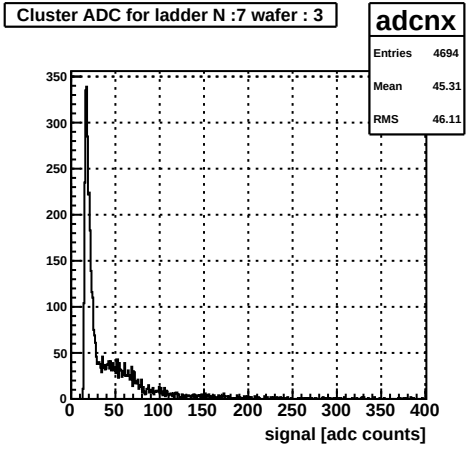

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

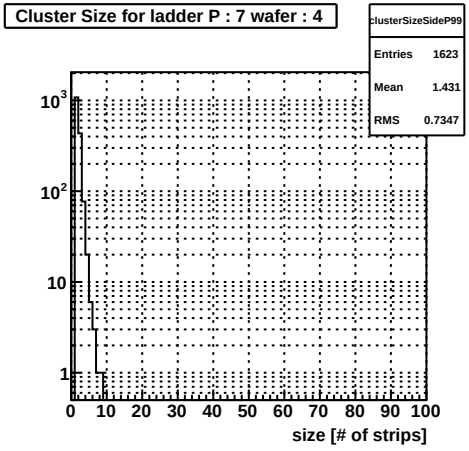

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6449
Mean 1.273
RMS 0.6021
size [# of strips]

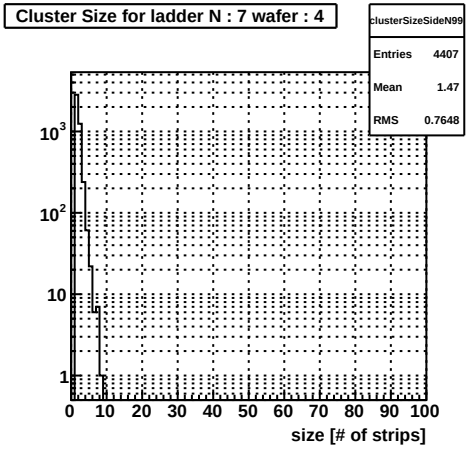

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 4694
Mean 1.316
RMS 0.7197
size [# of strips]

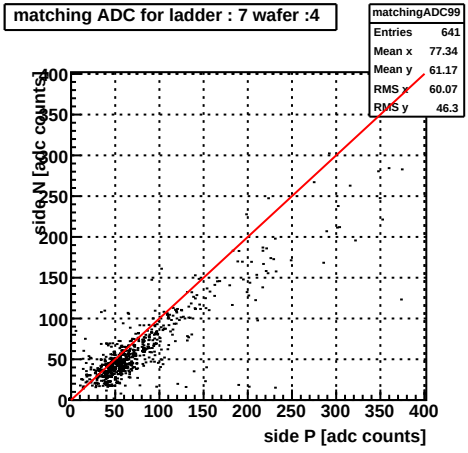

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 2699
Mean x 76.92
Mean y 57.17
RMS x 58.34
RMS y 48.16
side N [adc counts]
side P [adc counts]

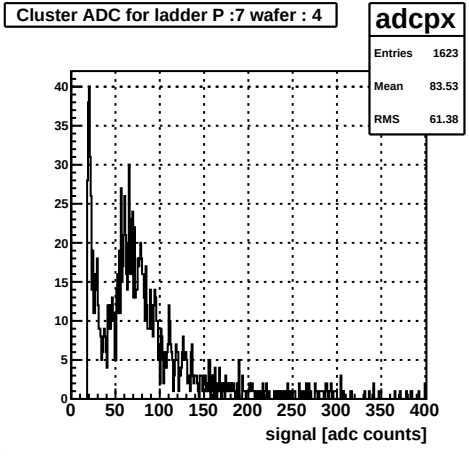

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6449
Mean 58.72
RMS 60.3
signal [adc counts]

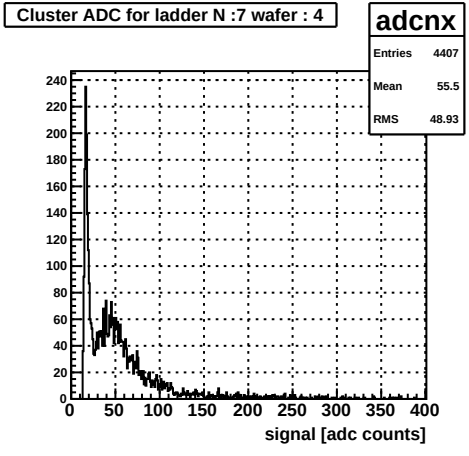

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 4694
Mean 45.31
RMS 46.11
signal [adc counts]

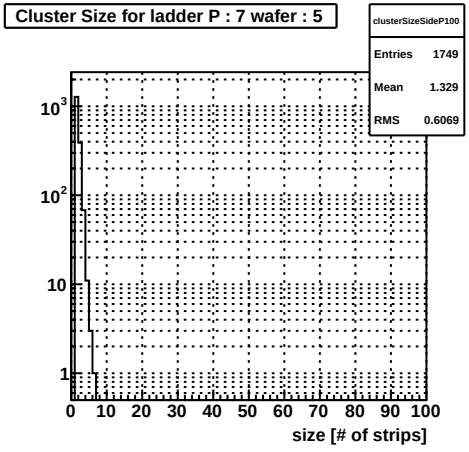

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1623
Mean 1.431
RMS 0.7347
size [# of strips]

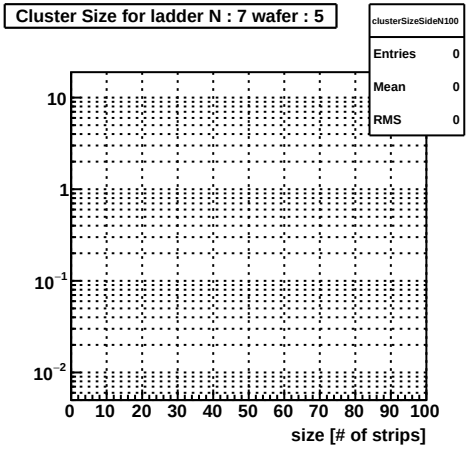

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4407
Mean 1.47
RMS 0.7648
size [# of strips]

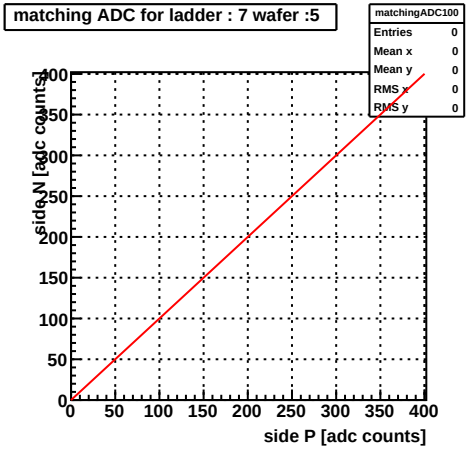

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 641
Mean x 77.34
Mean y 61.17
RMS x 60.07
RMS y 46.3
side N [adc counts]
side P [adc counts]

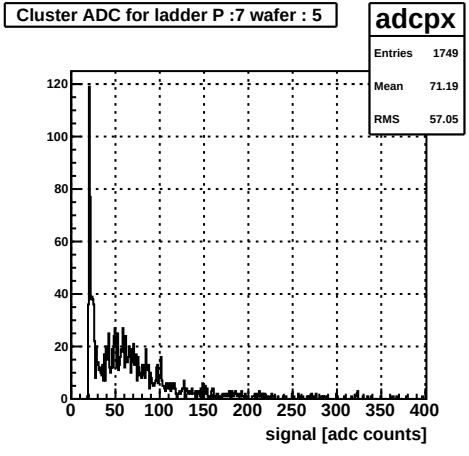

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1623
Mean 83.53
RMS 61.38
signal [adc counts]

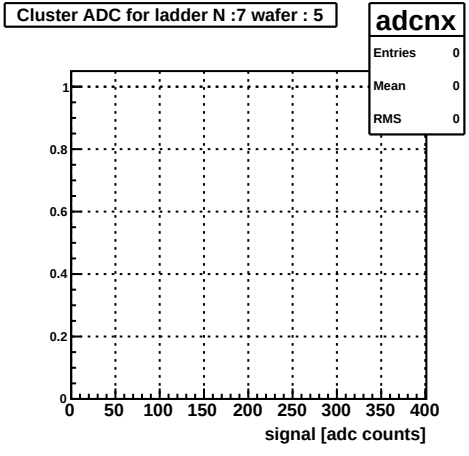

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4407
Mean 55.5
RMS 48.93
signal [adc counts]

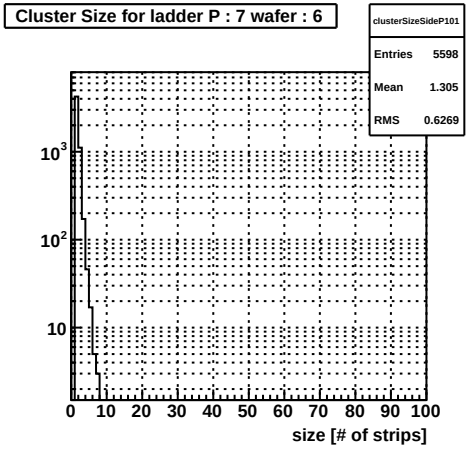

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1749
Mean 1.329
RMS 0.6069
size [# of strips]

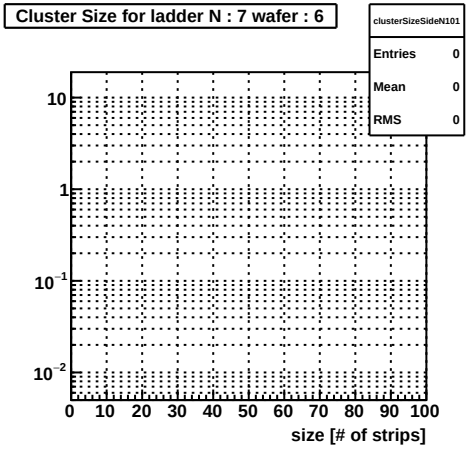

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

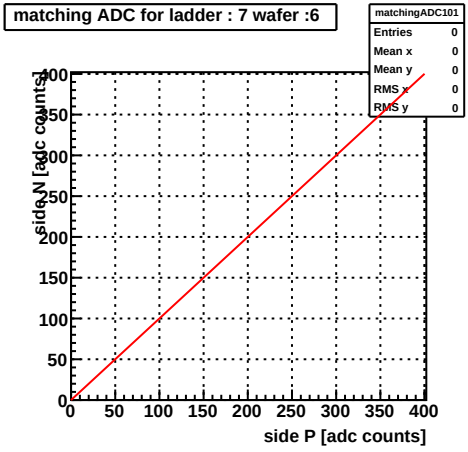

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

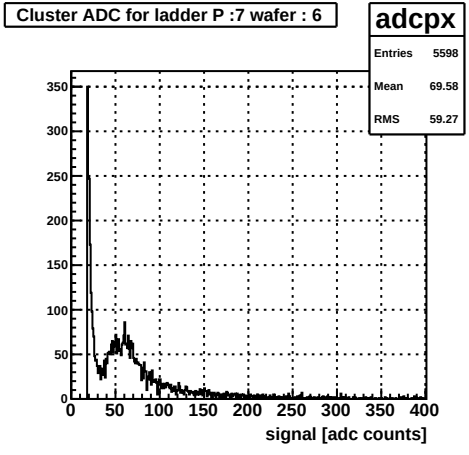

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1749
Mean 71.19
RMS 57.05
signal [adc counts]

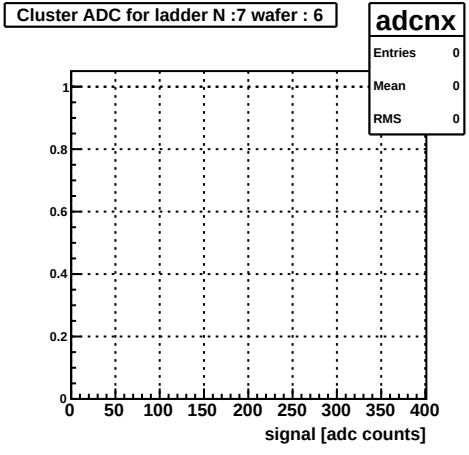

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

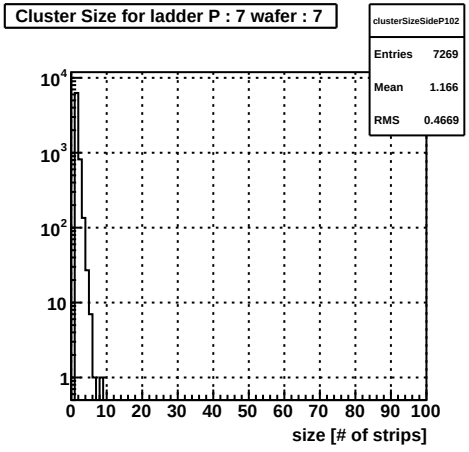

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5598
Mean 1.305
RMS 0.6269
size [# of strips]

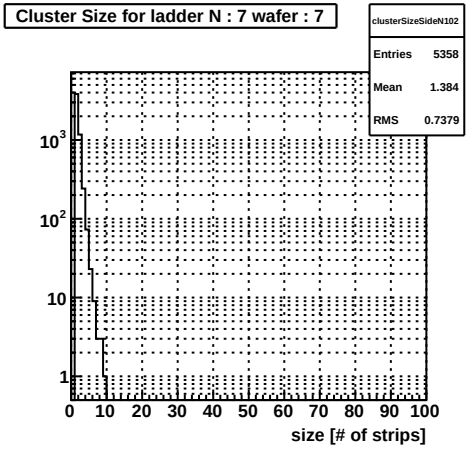

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

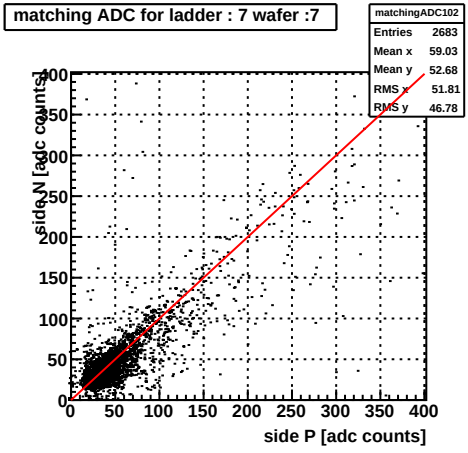

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

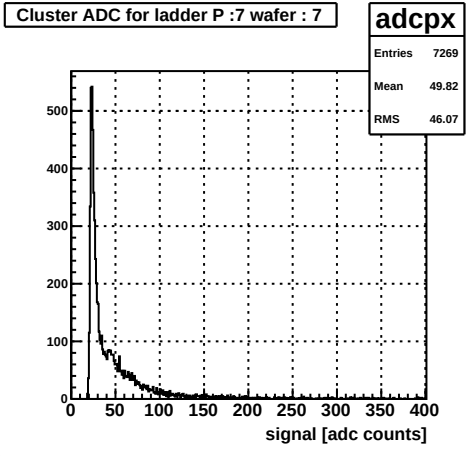

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5598
Mean 69.58
RMS 59.27
signal [adc counts]

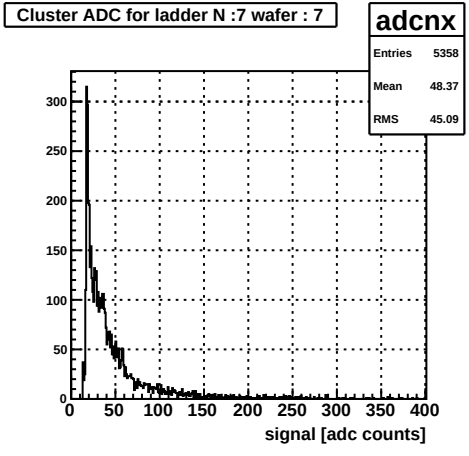

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

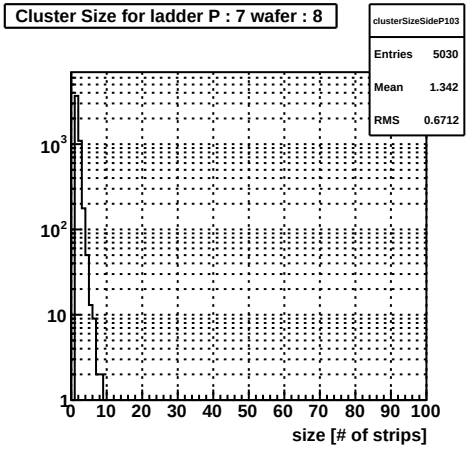

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 7269
Mean 1.166
RMS 0.4669
size [# of strips]

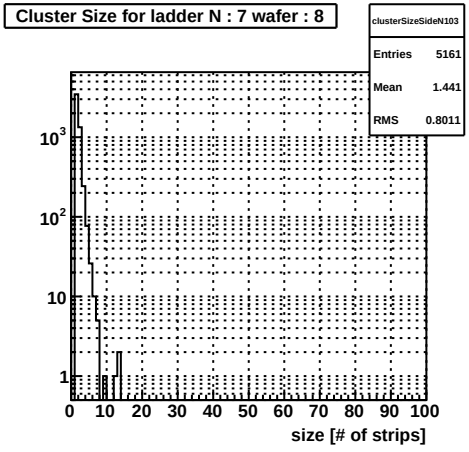

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 5358
Mean 1.384
RMS 0.7379
size [# of strips]

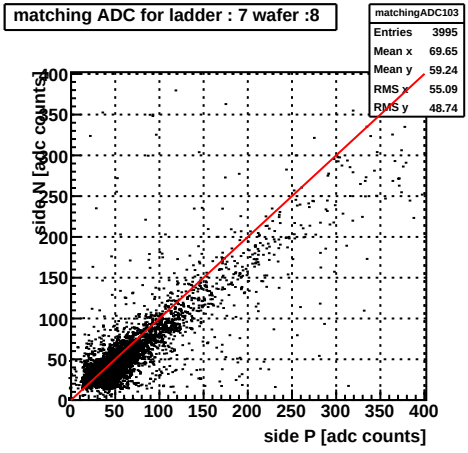

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 2683
Mean x 59.03
Mean y 52.68
RMS x 51.81
RMS y 46.78
side N [adc counts]
side P [adc counts]

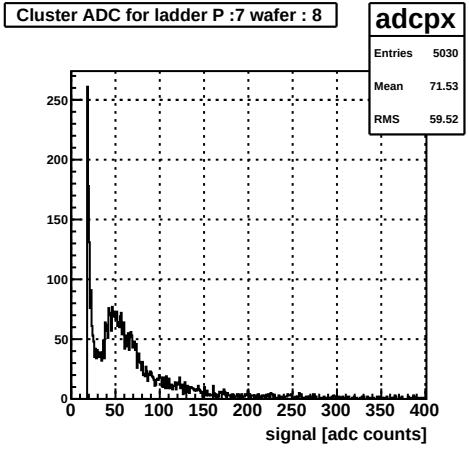

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 7269
Mean 49.82
RMS 46.07
signal [adc counts]

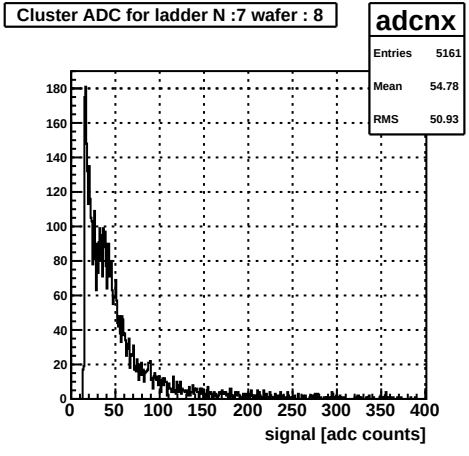

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 5358
Mean 48.37
RMS 45.09
signal [adc counts]

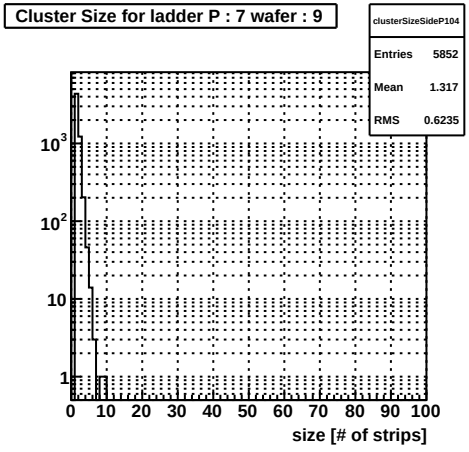

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 5030
Mean 1.342
RMS 0.6712
size [# of strips]

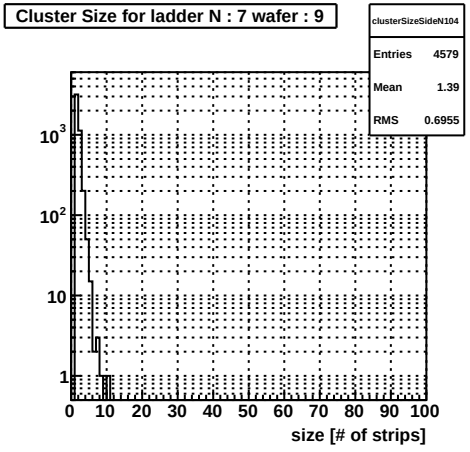

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 5161
Mean 1.441
RMS 0.8011
size [# of strips]

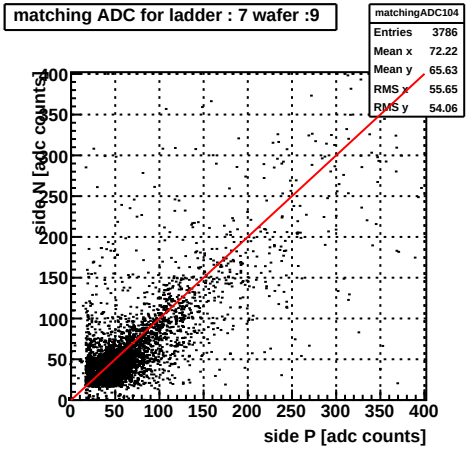

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 3995
Mean x 69.65
Mean y 59.24
RMS x 55.09
RMS y 48.74
side N [adc counts]
side P [adc counts]

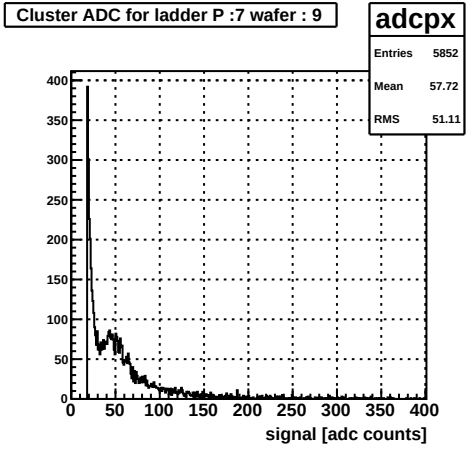

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 5030
Mean 71.53
RMS 59.52
signal [adc counts]

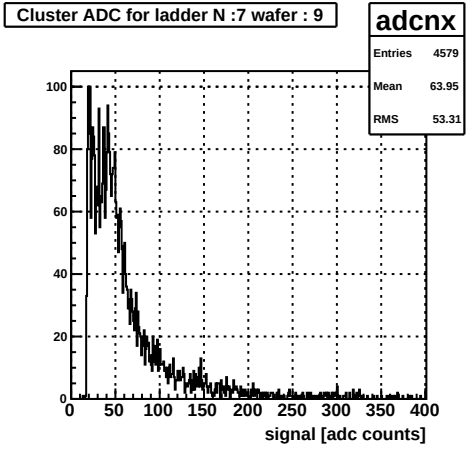

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 5161
Mean 54.78
RMS 50.93
signal [adc counts]

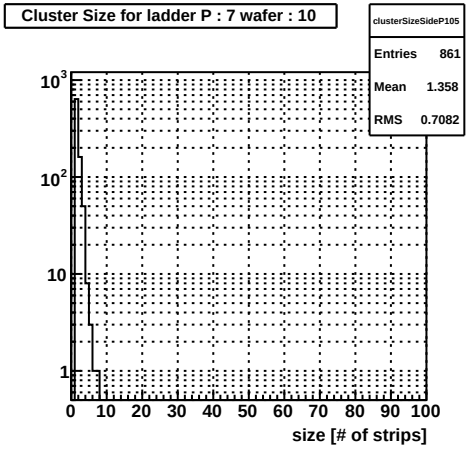

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5852
Mean 1.317
RMS 0.6235
size [# of strips]

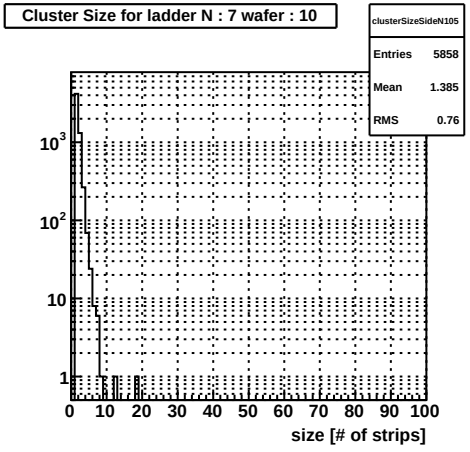

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4579
Mean 1.39
RMS 0.6955
size [# of strips]

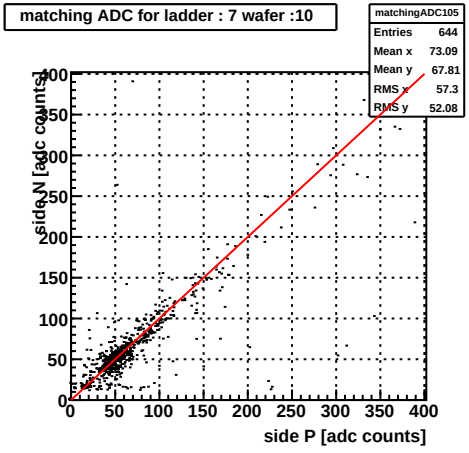

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 3786
Mean x 72.22
Mean y 65.63
RMS x 55.65
RMS y 54.06
side N [adc counts]
side P [adc counts]

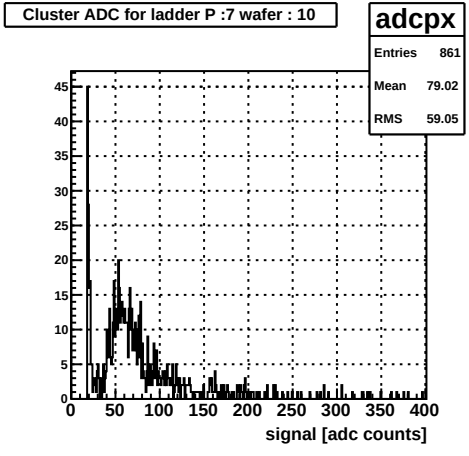

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5852
Mean 57.72
RMS 51.11
signal [adc counts]

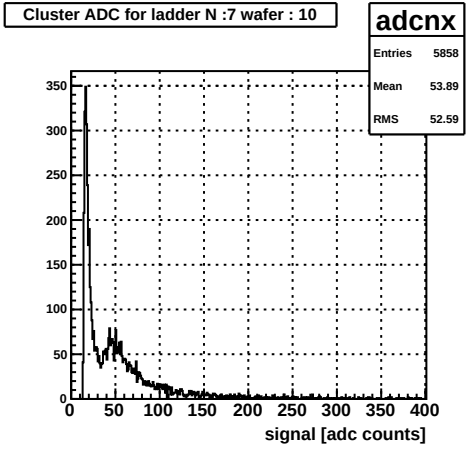

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4579
Mean 63.95
RMS 53.31
signal [adc counts]

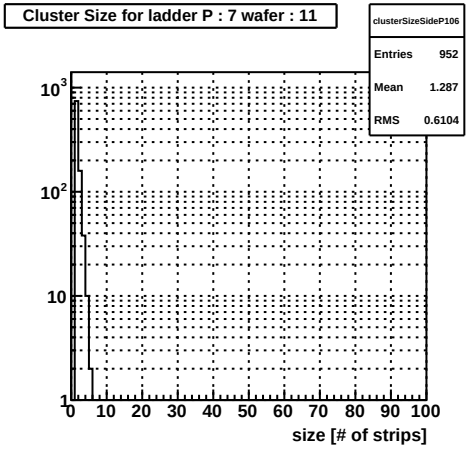

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 861
Mean 1.358
RMS 0.7082
size [# of strips]

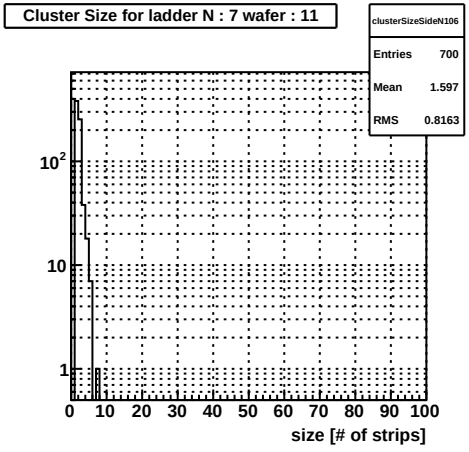

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5858
Mean 1.385
RMS 0.76
size [# of strips]

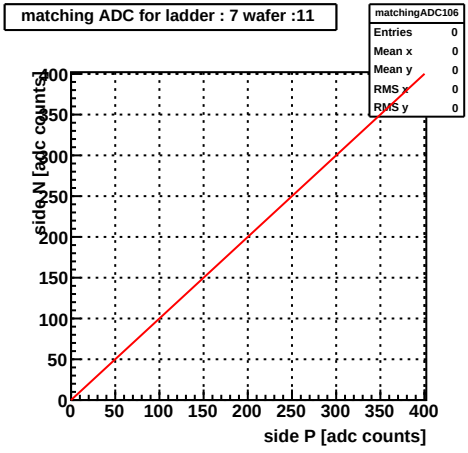

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 644
Mean x 73.09
Mean y 67.81
RMS x 57.3
RMS y 52.08
side N [adc counts]
side P [adc counts]

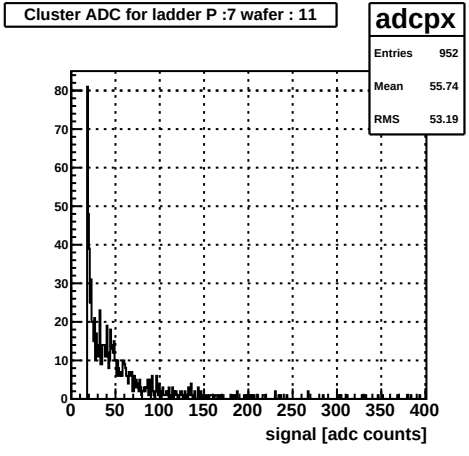

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 861
Mean 79.02
RMS 59.05
signal [adc counts]

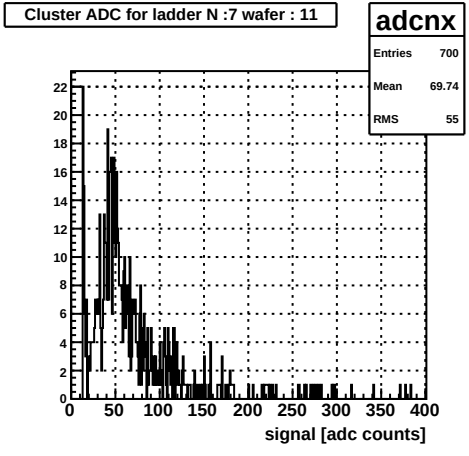

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5858
Mean 53.89
RMS 52.59
signal [adc counts]

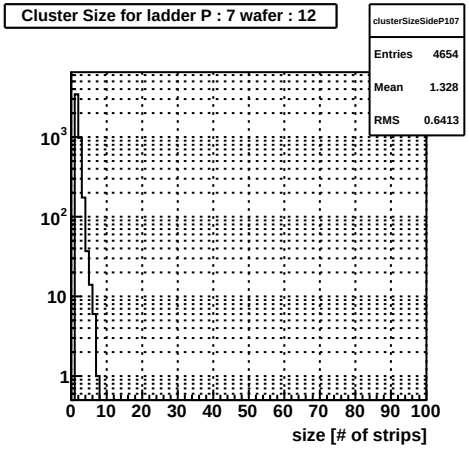

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 952
Mean 1.287
RMS 0.6104
size [# of strips]

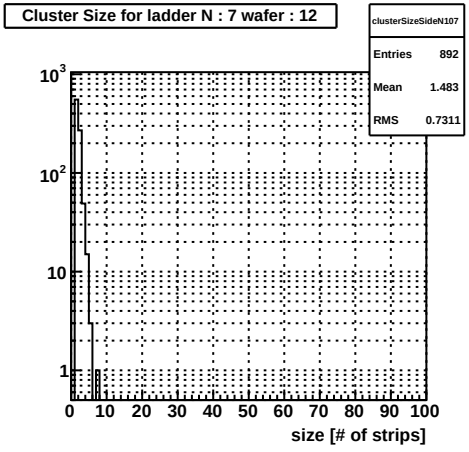

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 700
Mean 1.597
RMS 0.8163
size [# of strips]

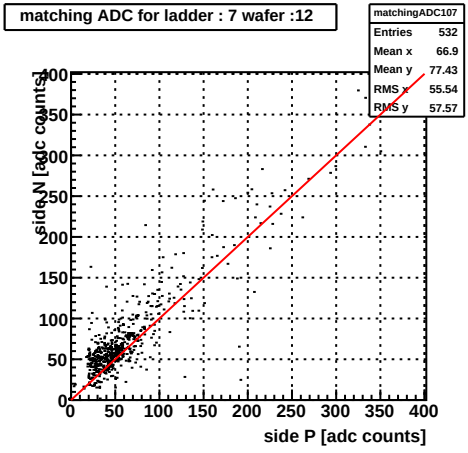

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

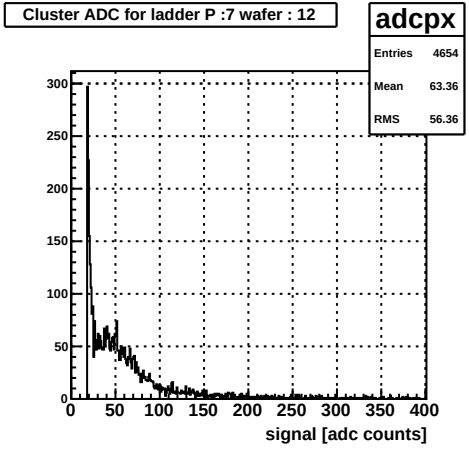

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 952
Mean 55.74
RMS 53.19
signal [adc counts]

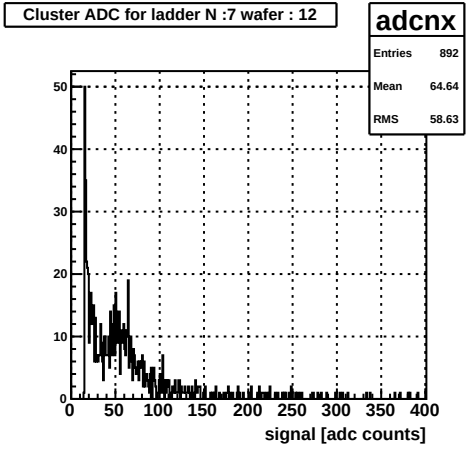

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 700
Mean 69.74
RMS 55
signal [adc counts]

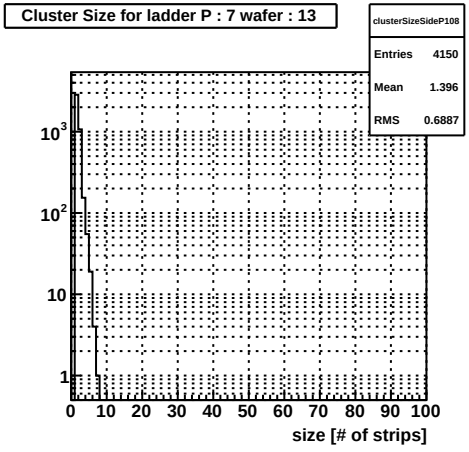

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 4654
Mean 1.328
RMS 0.6413
size [# of strips]

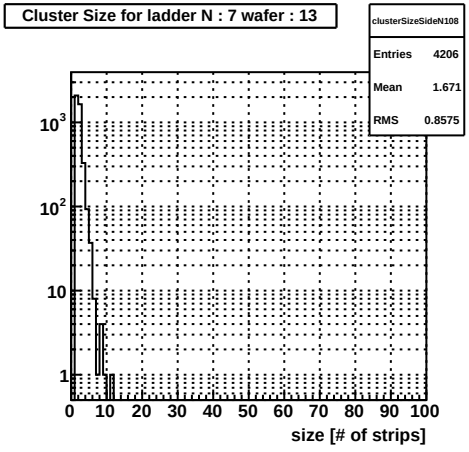

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 892
Mean 1.483
RMS 0.7311
size [# of strips]

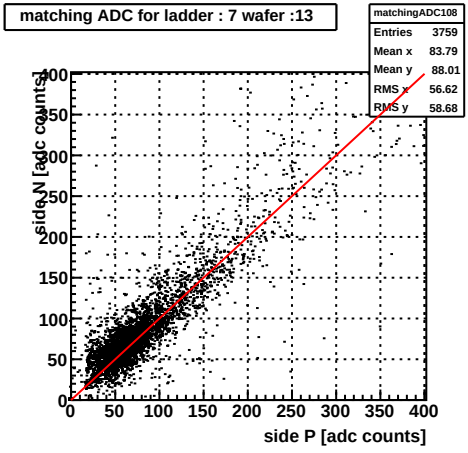

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 532
Mean x 66.9
Mean y 77.43
RMS x 55.54
RMS y 57.57
side N [adc counts]
side P [adc counts]

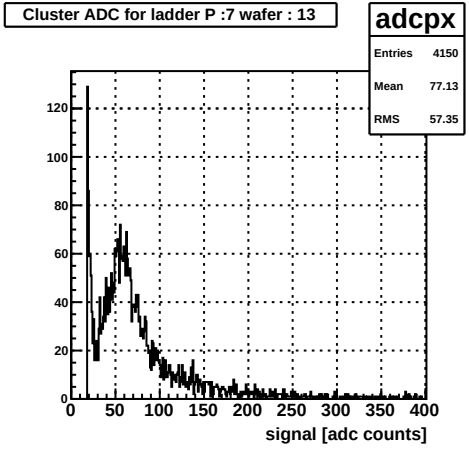

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 4654
Mean 63.36
RMS 56.36
signal [adc counts]

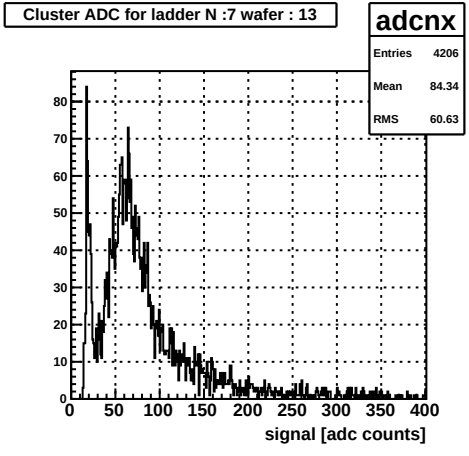

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 892
Mean 64.64
RMS 58.63
signal [adc counts]

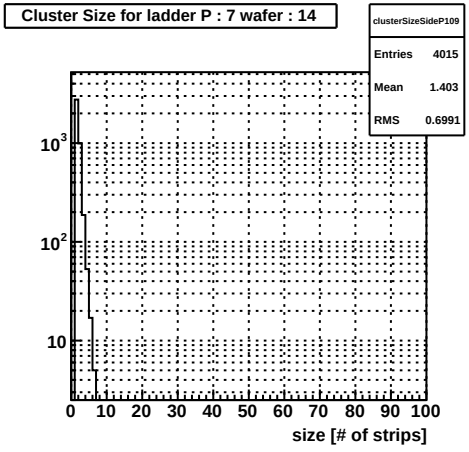

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 4150
Mean 1.396
RMS 0.6887
size [# of strips]

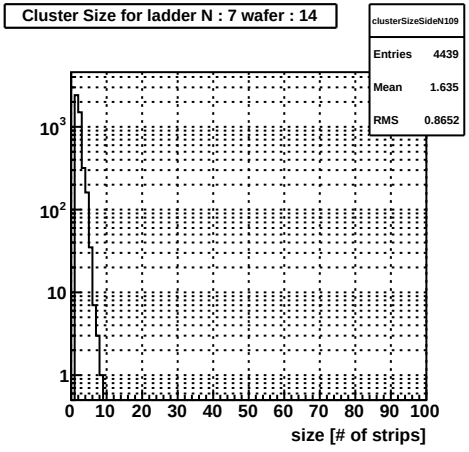

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 4206
Mean 1.671
RMS 0.8575
size [# of strips]

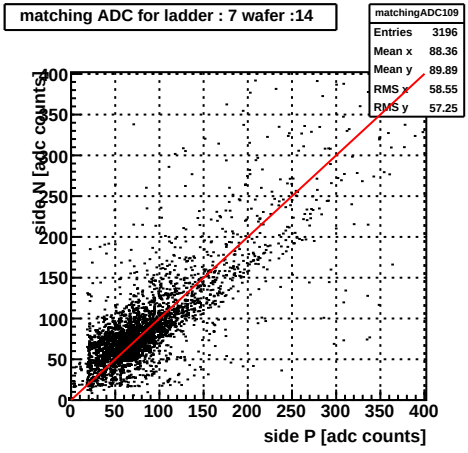

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 3759
Mean x 83.79
Mean y 88.01
RMS x 56.62
RMS y 58.68
side N [adc counts]
side P [adc counts]

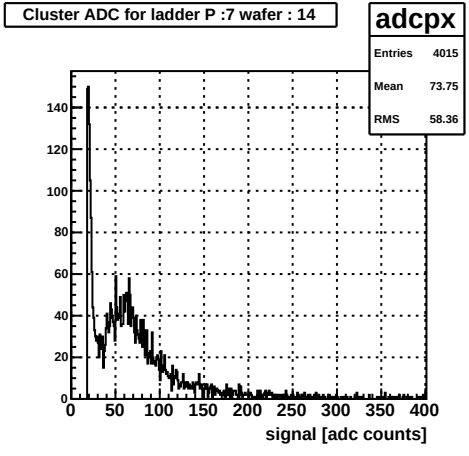

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 4150
Mean 77.13
RMS 57.35
signal [adc counts]

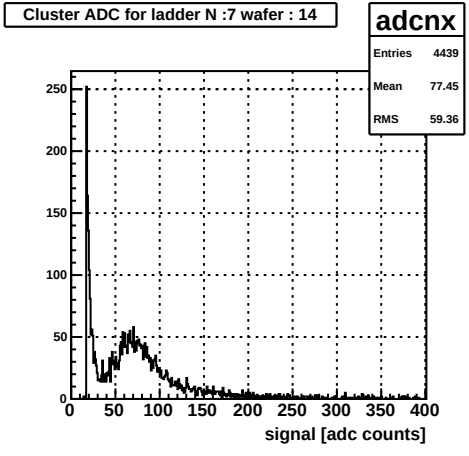

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 4206
Mean 84.34
RMS 60.63
signal [adc counts]

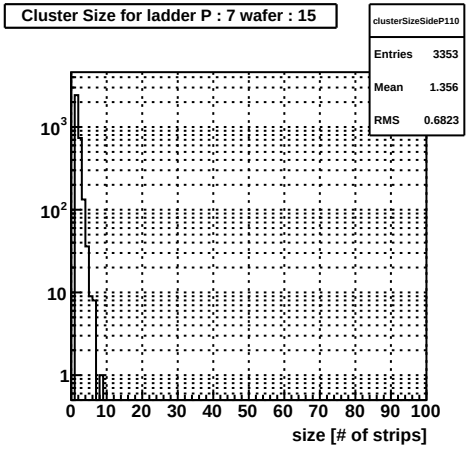

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4015
Mean 1.403
RMS 0.6991
size [# of strips]

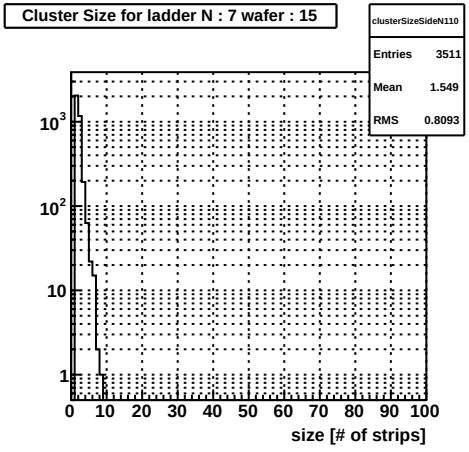

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 4439
Mean 1.635
RMS 0.8652
size [# of strips]

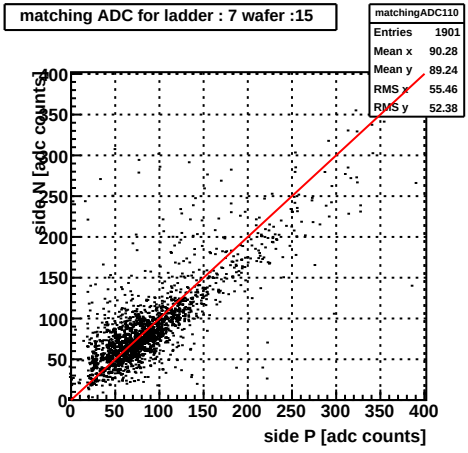

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 3196
Mean x 88.36
Mean y 89.89
RMS x 58.55
RMS y 57.25
side N [adc counts]
side P [adc counts]

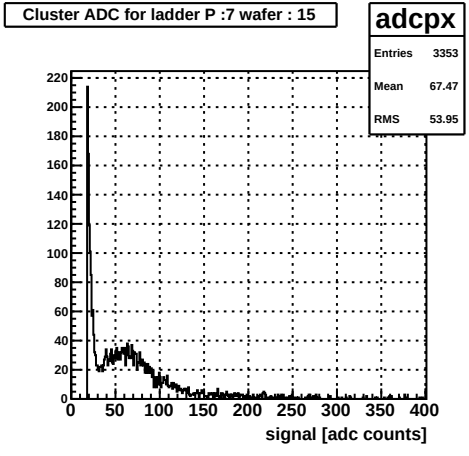

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4015
Mean 73.75
RMS 58.36
signal [adc counts]

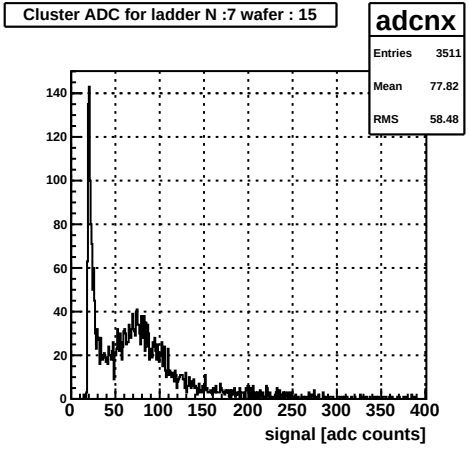

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 4439
Mean 77.45
RMS 59.36
signal [adc counts]

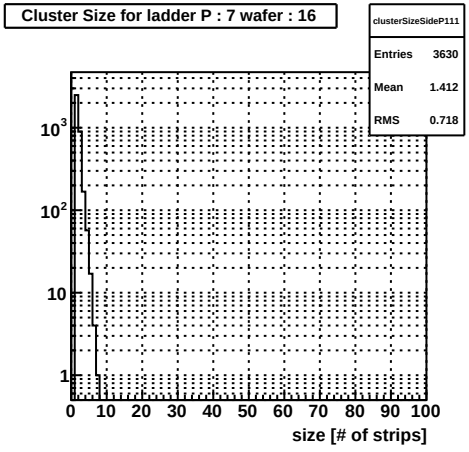

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3353
Mean 1.356
RMS 0.6823
size [# of strips]

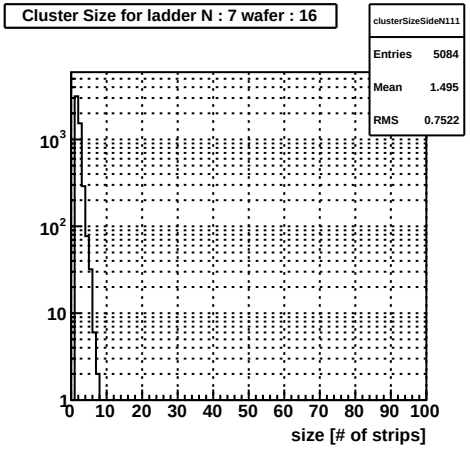

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3511
Mean 1.549
RMS 0.8093
size [# of strips]

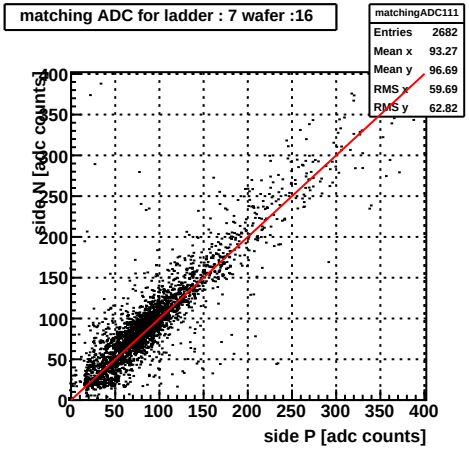

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1901
Mean x 90.28
Mean y 89.24
RMS x 55.46
RMS y 52.38
side N [adc counts]
side P [adc counts]

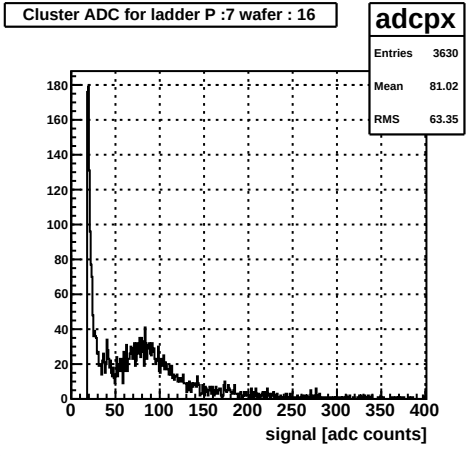

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3353
Mean 67.47
RMS 53.95
signal [adc counts]

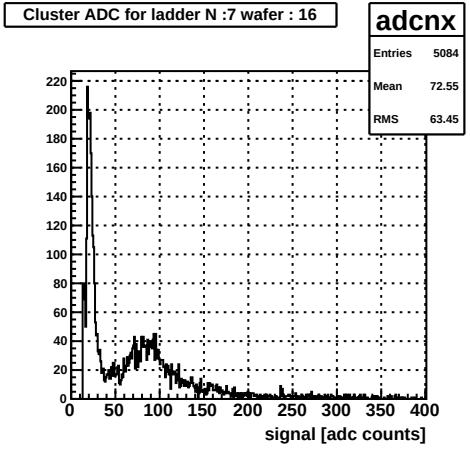

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3511
Mean 77.82
RMS 58.48
signal [adc counts]

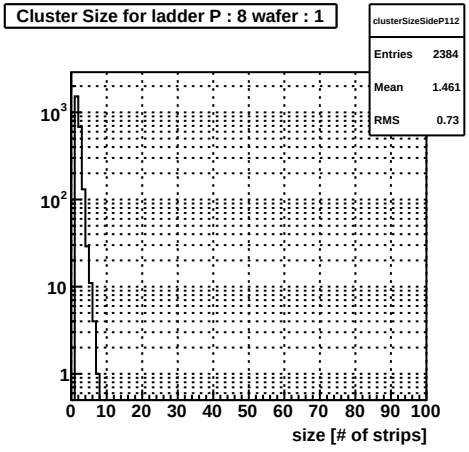

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3630
Mean 1.412
RMS 0.718
size [# of strips]

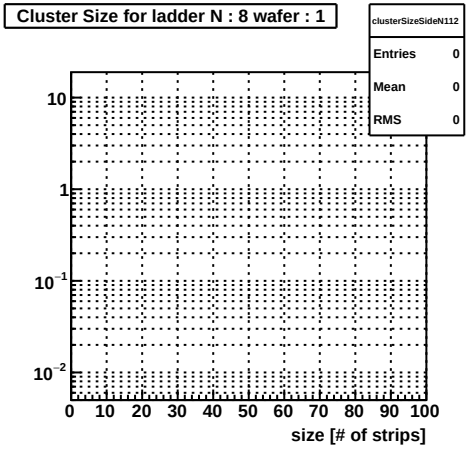

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5084
Mean 1.495
RMS 0.7522
size [# of strips]

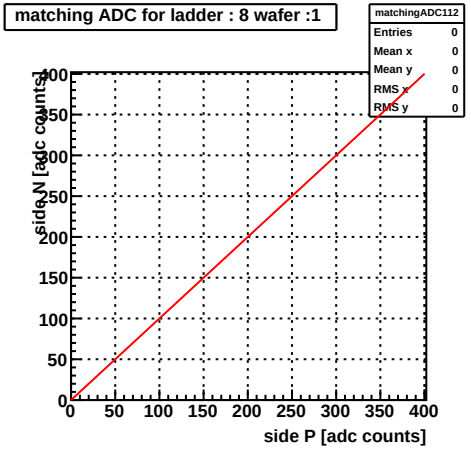

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 2682
Mean x 93.27
Mean y 96.69
RMS x 59.69
RMS y 62.82
side N [adc counts]
side P [adc counts]

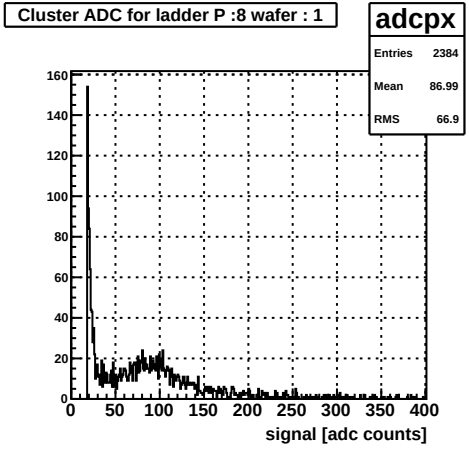

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3630
Mean 81.02
RMS 63.35
signal [adc counts]

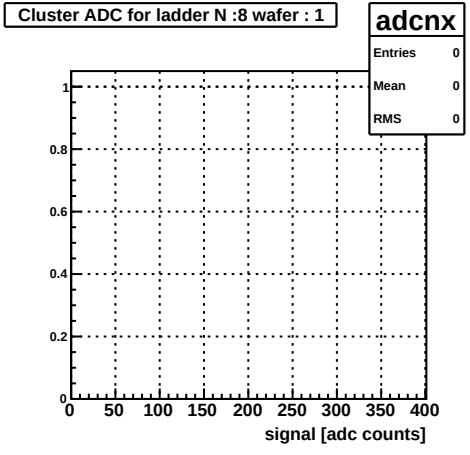

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5084
Mean 72.55
RMS 63.45
signal [adc counts]

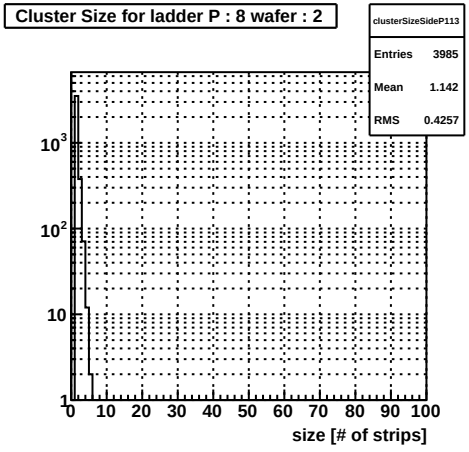

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 2384
Mean 1.461
RMS 0.73
size [# of strips]

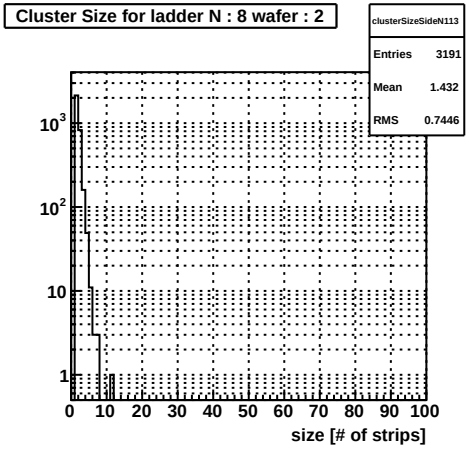

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

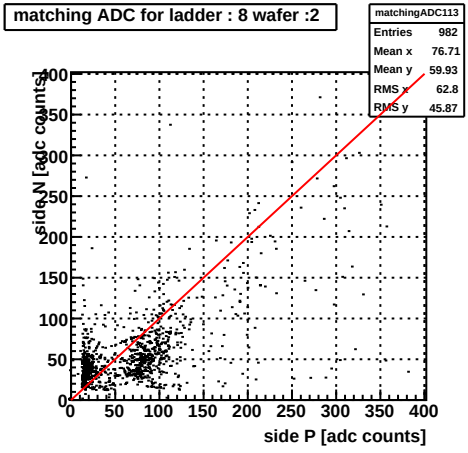

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

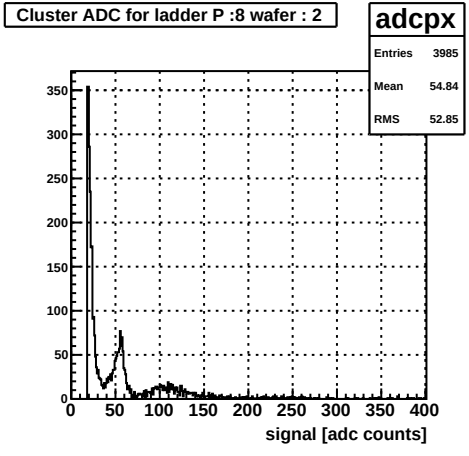

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 2384
Mean 86.99
RMS 66.9
signal [adc counts]

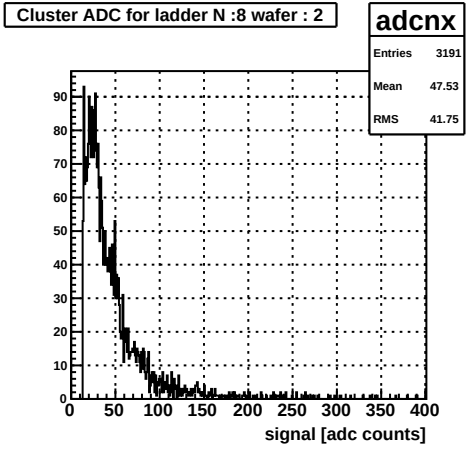

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

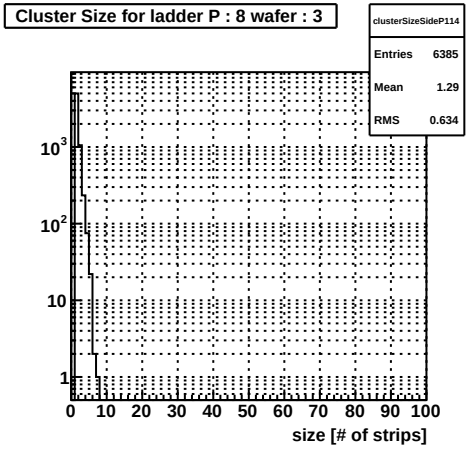

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3985
Mean 1.142
RMS 0.4257
size [# of strips]

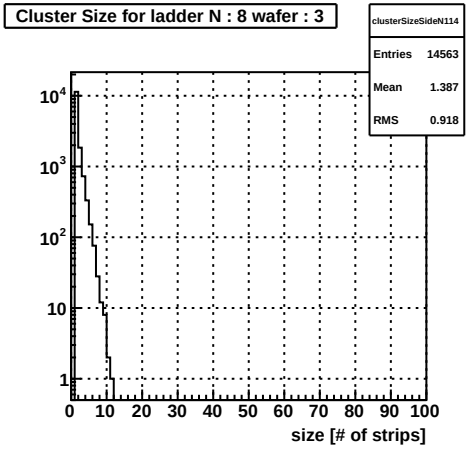

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 3191
Mean 1.432
RMS 0.7446
size [# of strips]

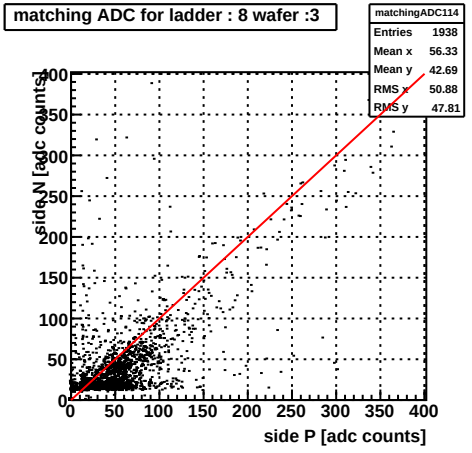

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 982
Mean x 76.71
Mean y 59.93
RMS x 62.8
RMS y 45.87
side N [adc counts]
side P [adc counts]

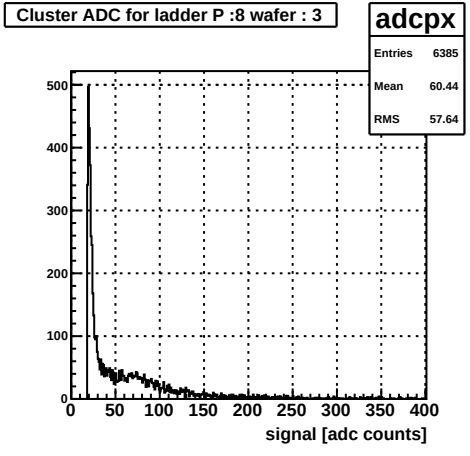

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3985
Mean 54.84
RMS 52.85
signal [adc counts]

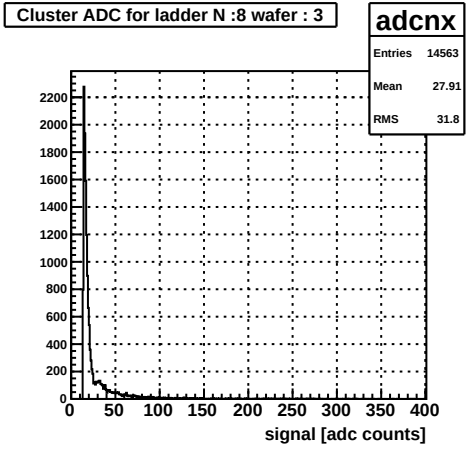

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 3191
Mean 47.53
RMS 41.75
signal [adc counts]

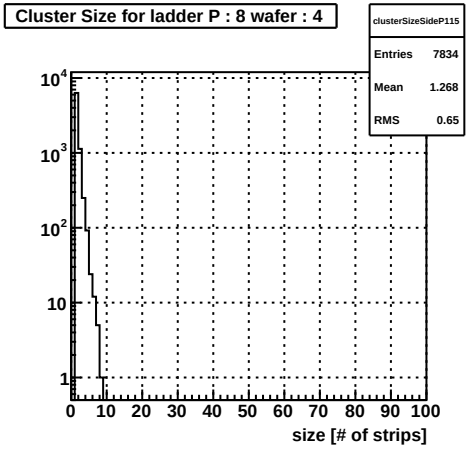

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6385
Mean 1.29
RMS 0.634
size [# of strips]

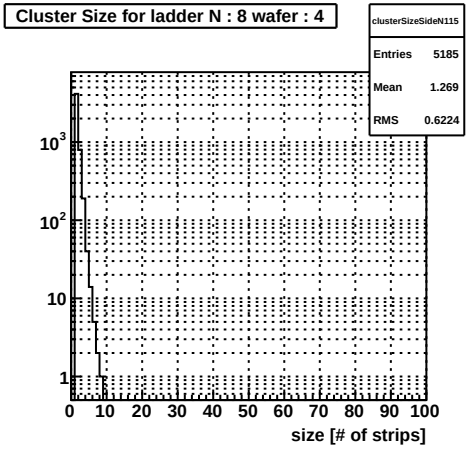

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 14563
Mean 1.387
RMS 0.918
size [# of strips]

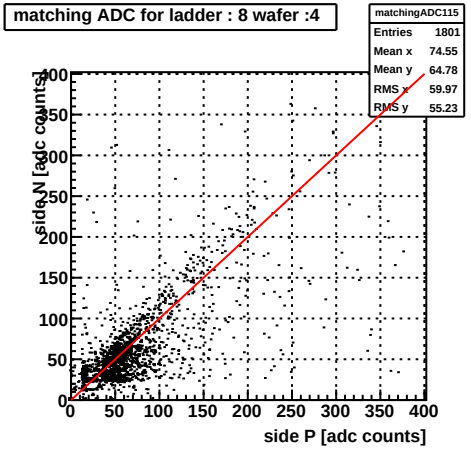

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1938
Mean x 56.33
Mean y 42.69
RMS x 50.88
RMS y 47.81
side N [adc counts]
side P [adc counts]

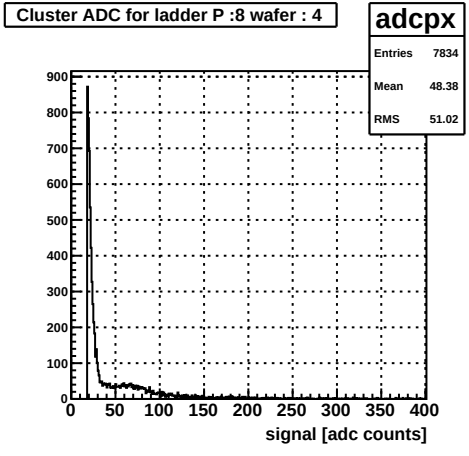

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6385
Mean 60.44
RMS 57.64
signal [adc counts]

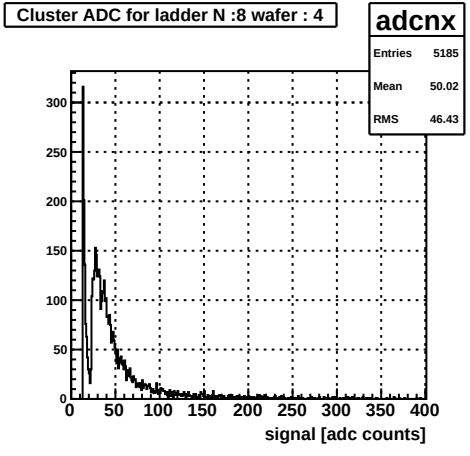

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 14563
Mean 27.91
RMS 31.8
signal [adc counts]

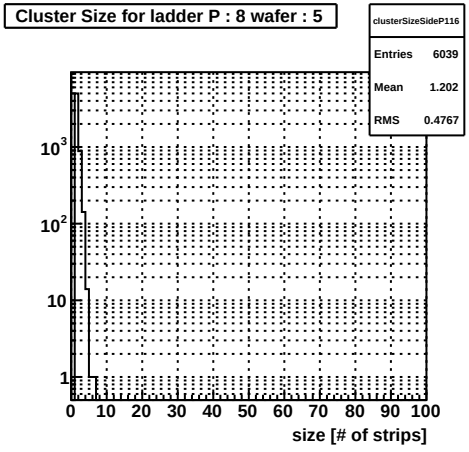

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 7834
Mean 1.268
RMS 0.65
size [# of strips]

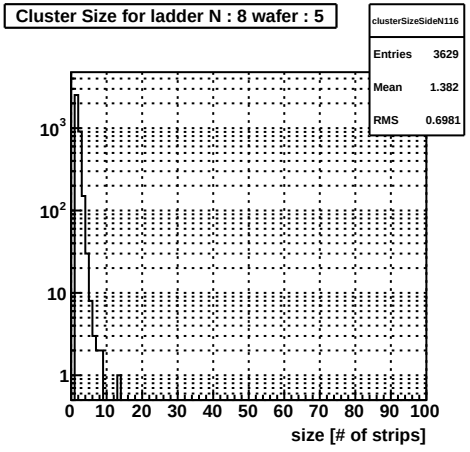

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5185
Mean 1.269
RMS 0.6224
size [# of strips]

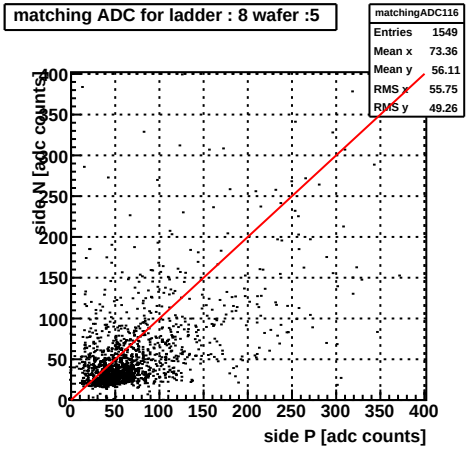

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1801
Mean x 74.55
Mean y 64.78
RMS x 59.97
RMS y 55.23
side N [adc counts]
side P [adc counts]

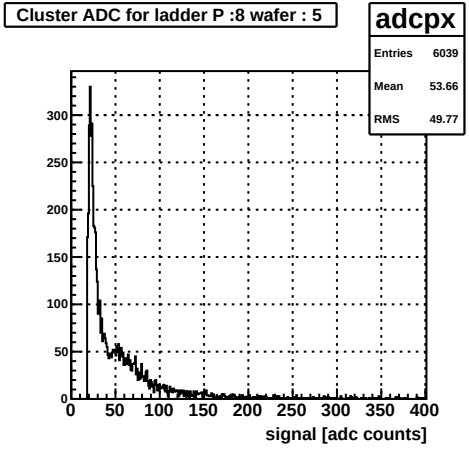

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 7834
Mean 48.38
RMS 51.02
signal [adc counts]

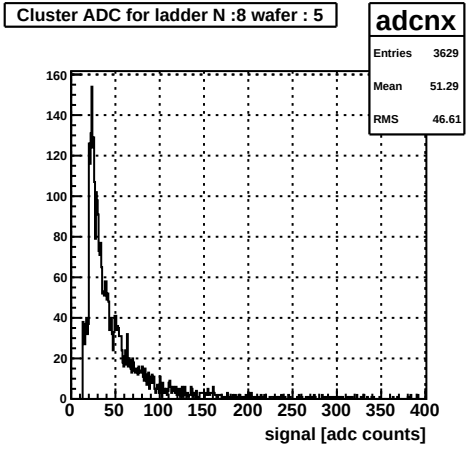

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5185
Mean 50.02
RMS 46.43
signal [adc counts]

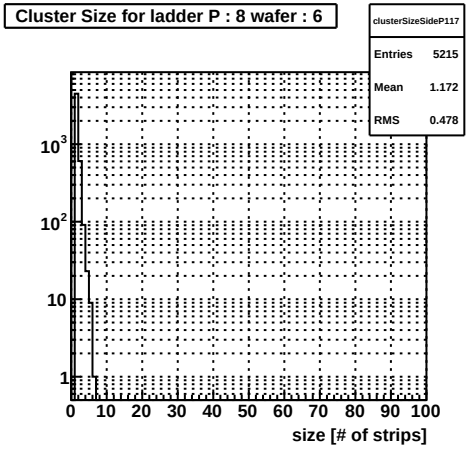

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6039
Mean 1.202
RMS 0.4767
size [# of strips]

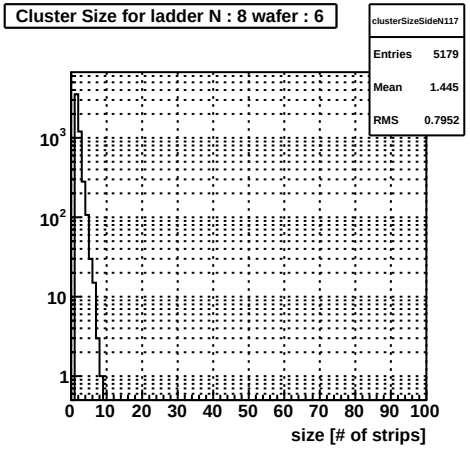

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3629
Mean 1.382
RMS 0.6981
size [# of strips]

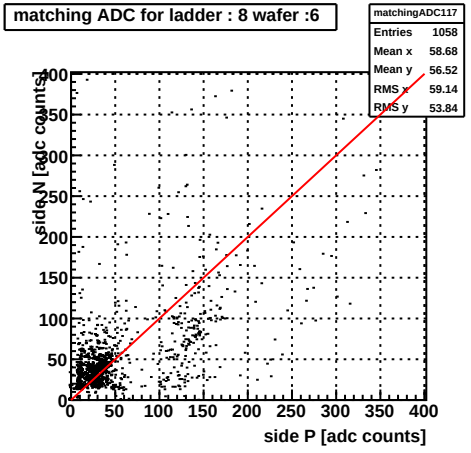

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1549
Mean x 73.36
Mean y 56.11
RMS x 55.75
RMS y 49.26
side N [adc counts]
side P [adc counts]

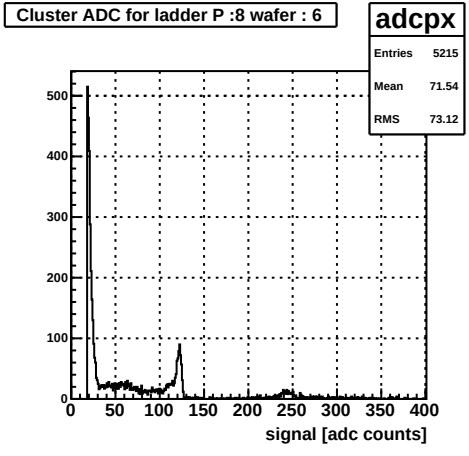

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6039
Mean 53.66
RMS 49.77
signal [adc counts]

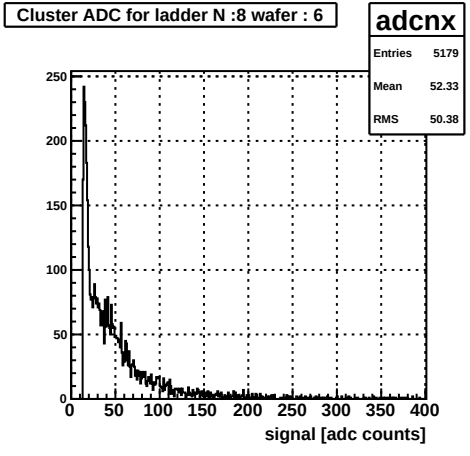

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3629
Mean 51.29
RMS 46.61
signal [adc counts]

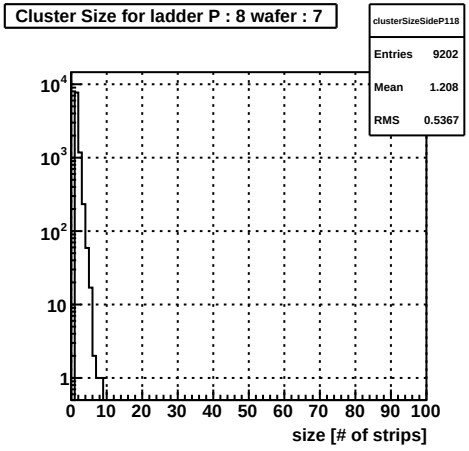

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 5215
Mean 1.172
RMS 0.478
size [# of strips]

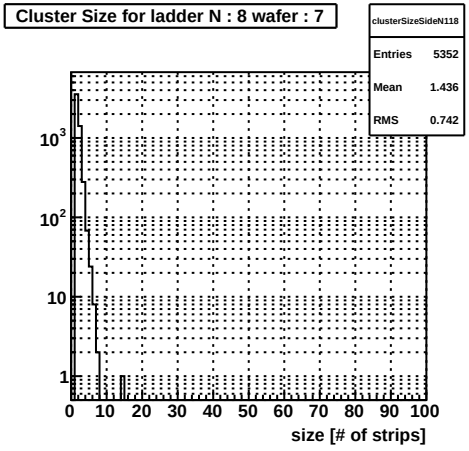

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5179
Mean 1.445
RMS 0.7952
size [# of strips]

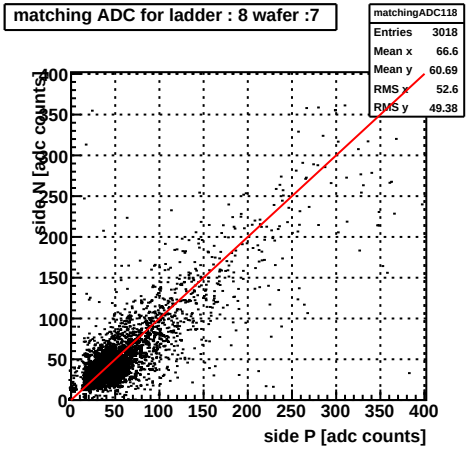

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1058
Mean x 58.68
Mean y 56.52
RMS x 59.14
RMS y 53.84
side N [adc counts]
side P [adc counts]

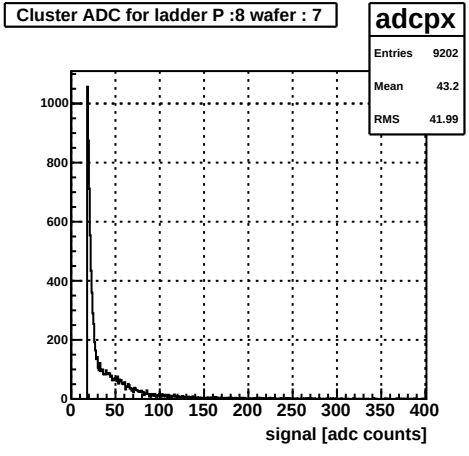

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 5215
Mean 71.54
RMS 73.12
signal [adc counts]

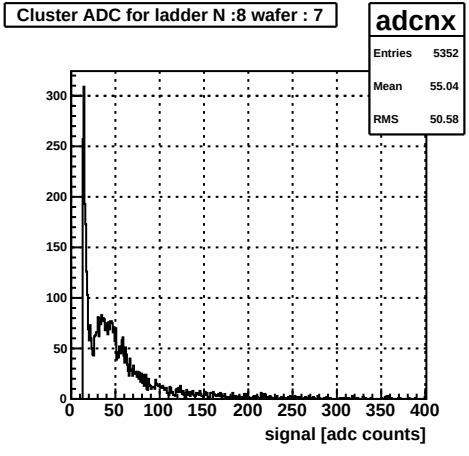

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5179
Mean 52.33
RMS 50.38
signal [adc counts]

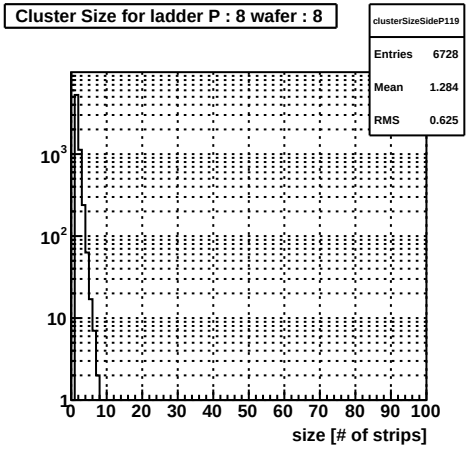

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 9202
Mean 1.208
RMS 0.5367
size [# of strips]

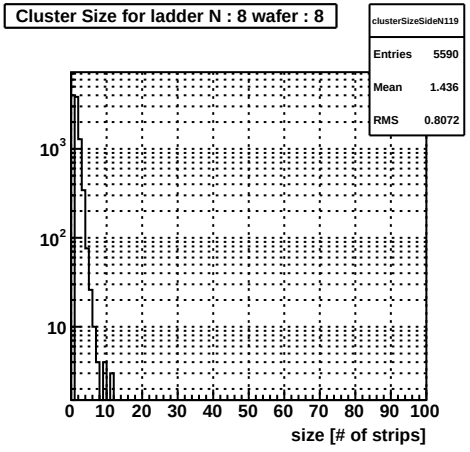

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 5352
Mean 1.436
RMS 0.742
size [# of strips]

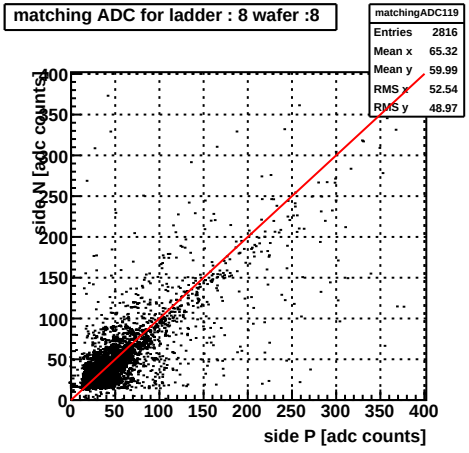

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 3018
Mean x 66.6
Mean y 60.69
RMS x 52.6
RMS y 49.38
side N [adc counts]
side P [adc counts]

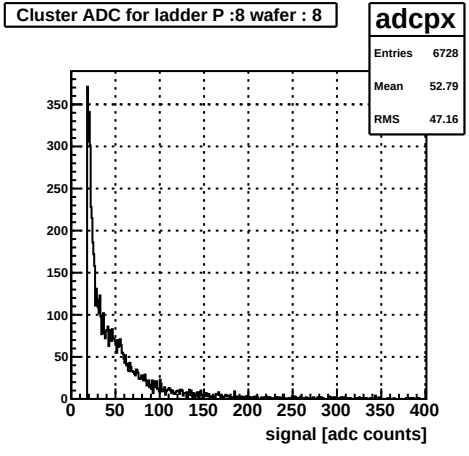

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 9202
Mean 43.2
RMS 41.99
signal [adc counts]

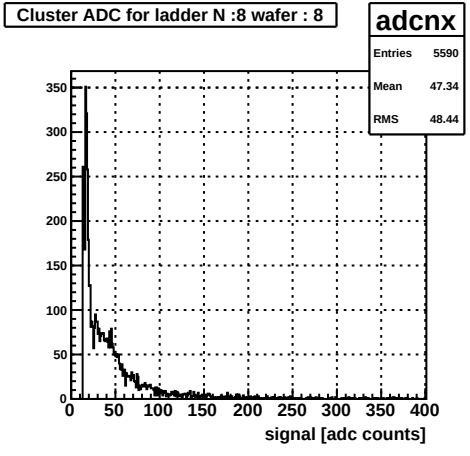

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 5352
Mean 55.04
RMS 50.58
signal [adc counts]

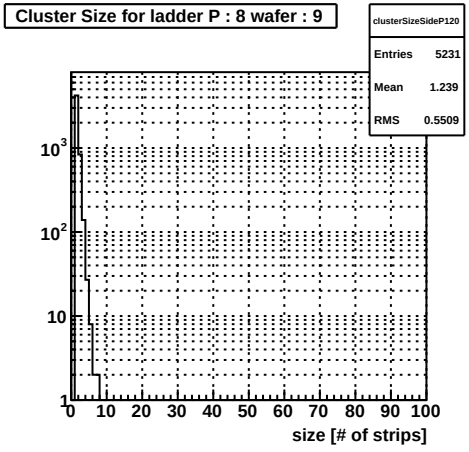

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6728
Mean 1.284
RMS 0.625
size [# of strips]

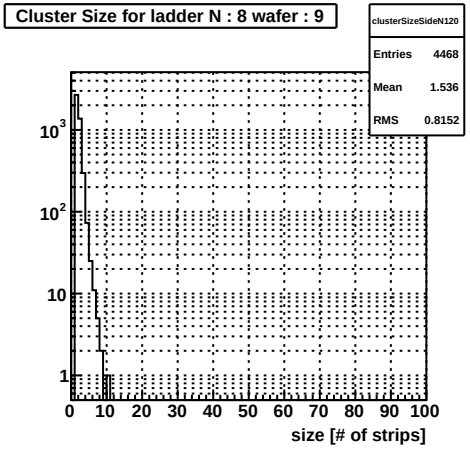

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 5590
Mean 1.436
RMS 0.8072
size [# of strips]

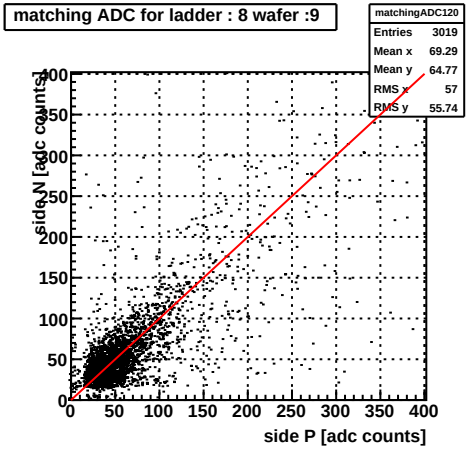

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 2816
Mean x 65.32
Mean y 59.99
RMS x 52.54
RMS y 48.97
side N [adc counts]
side P [adc counts]

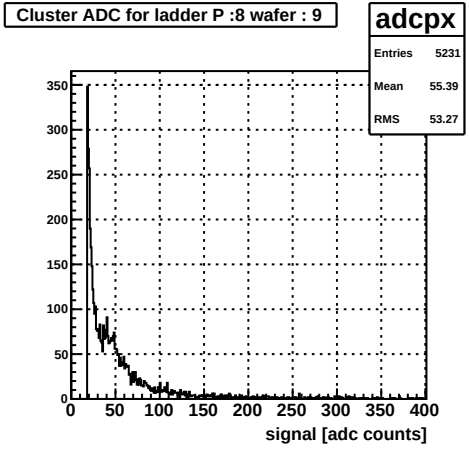

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6728
Mean 52.79
RMS 47.16
signal [adc counts]

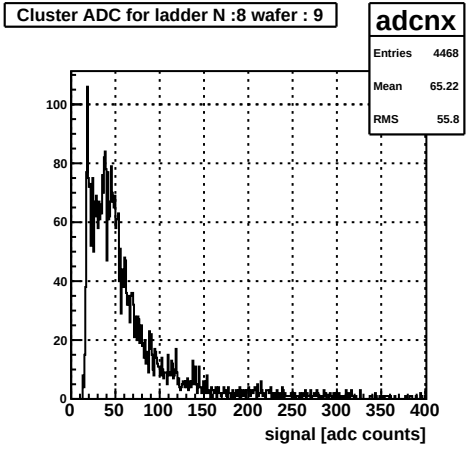

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 5590
Mean 47.34
RMS 48.44
signal [adc counts]

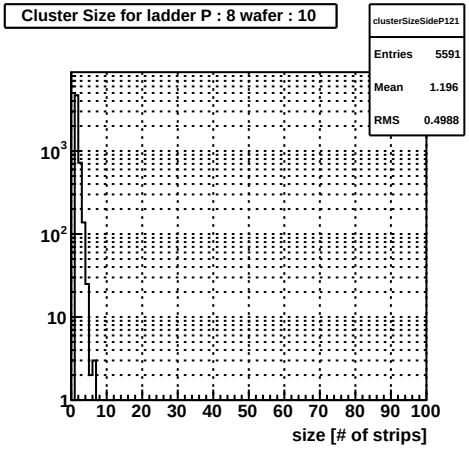

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5231
Mean 1.239
RMS 0.5509
size [# of strips]

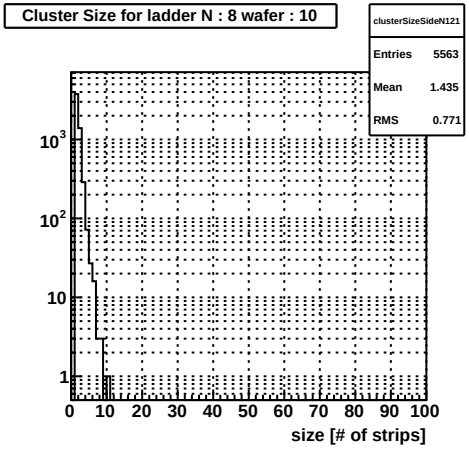

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 4468
Mean 1.536
RMS 0.8152
size [# of strips]

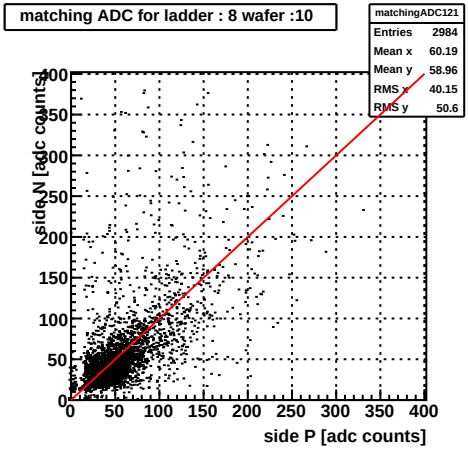

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 3019
Mean x 69.29
Mean y 64.77
RMS x 57
RMS y 55.74
side N [adc counts]
side P [adc counts]

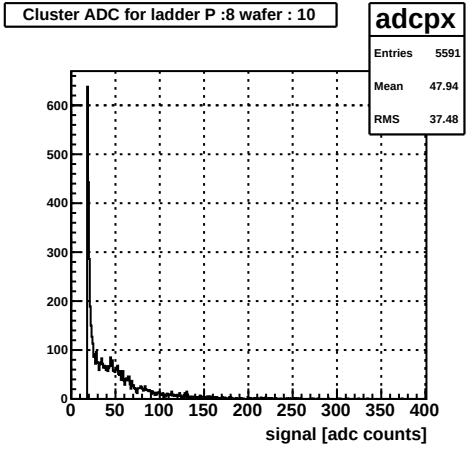

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5231
Mean 55.39
RMS 53.27
signal [adc counts]

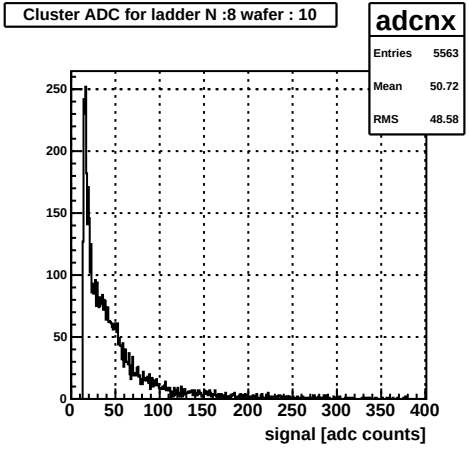

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 4468
Mean 65.22
RMS 55.8
signal [adc counts]

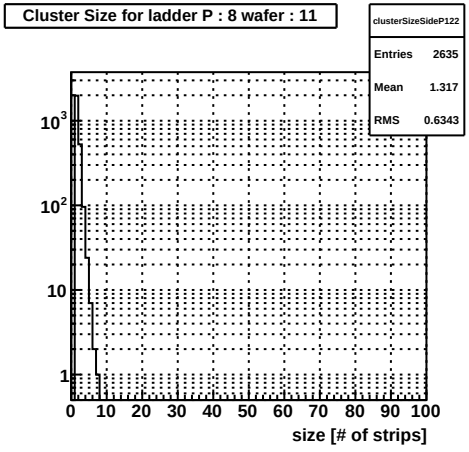

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5591
Mean 1.196
RMS 0.4988
size [# of strips]

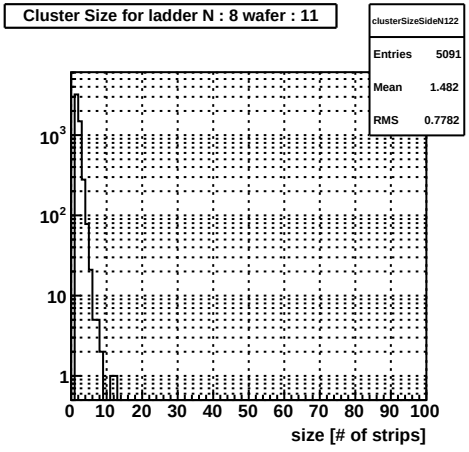

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 5563
Mean 1.435
RMS 0.771
size [# of strips]

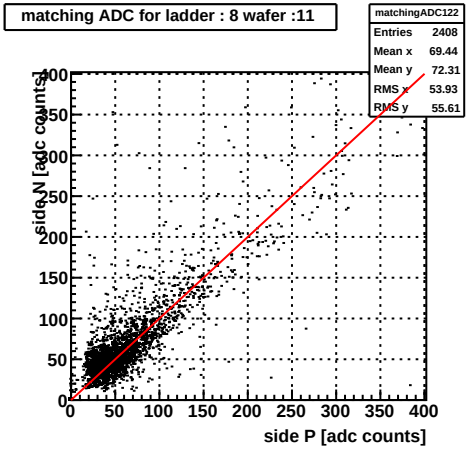

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 2984
Mean x 60.19
Mean y 58.96
RMS x 40.15
RMS y 50.6
side N [adc counts]
side P [adc counts]

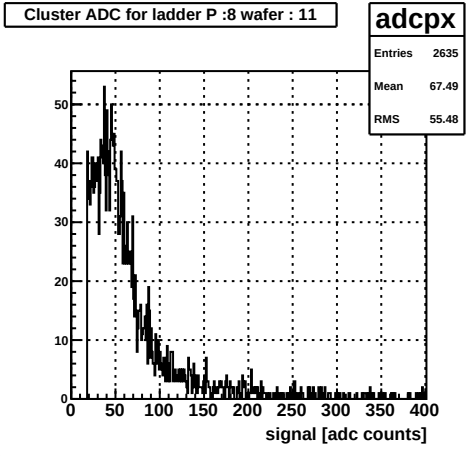

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5591
Mean 47.94
RMS 37.48
signal [adc counts]

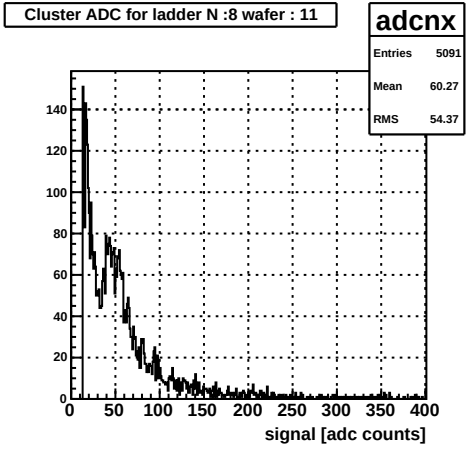

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 5563
Mean 50.72
RMS 48.58
signal [adc counts]

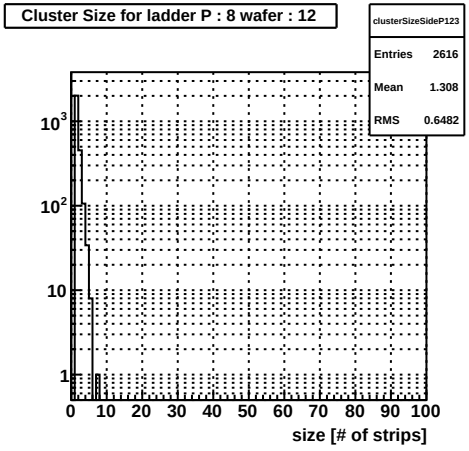

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 2635
Mean 1.317
RMS 0.6343
size [# of strips]

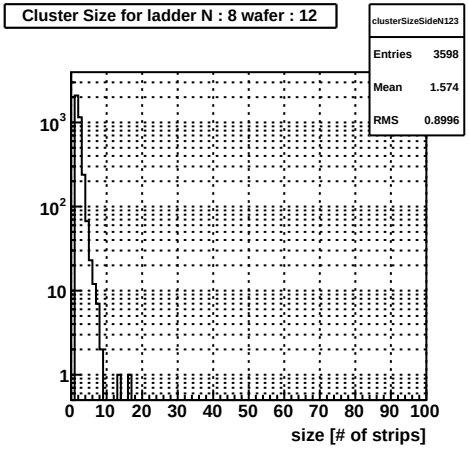

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 5091
Mean 1.482
RMS 0.7782
size [# of strips]

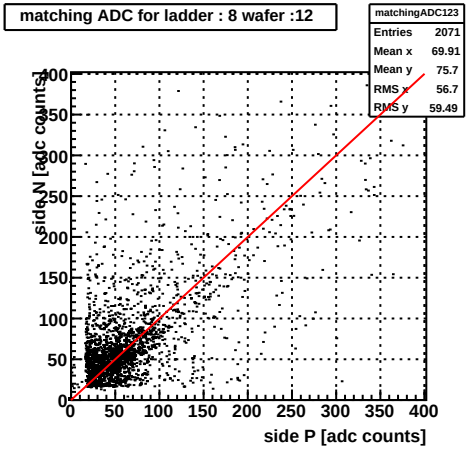

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 2408
Mean x 69.44
Mean y 72.31
RMS x 53.93
RMS y 55.61
side N [adc counts]
side P [adc counts]

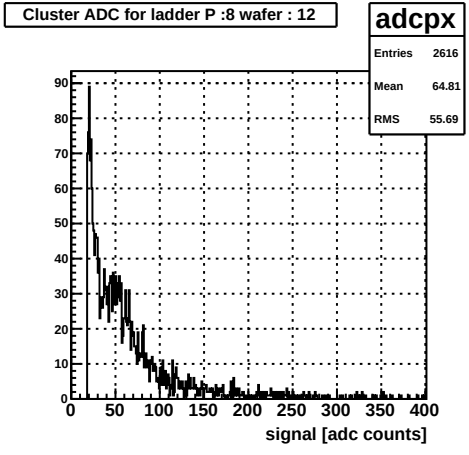

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 2635
Mean 67.49
RMS 55.48
signal [adc counts]

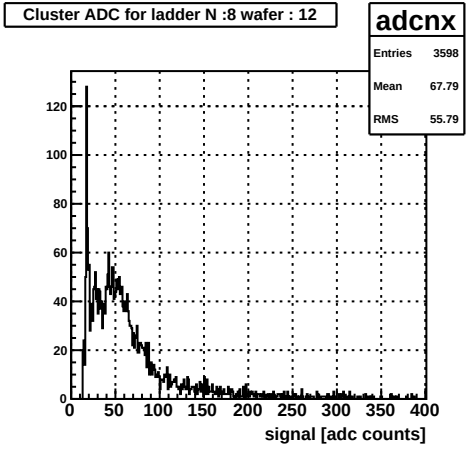

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 5091
Mean 60.27
RMS 54.37
signal [adc counts]

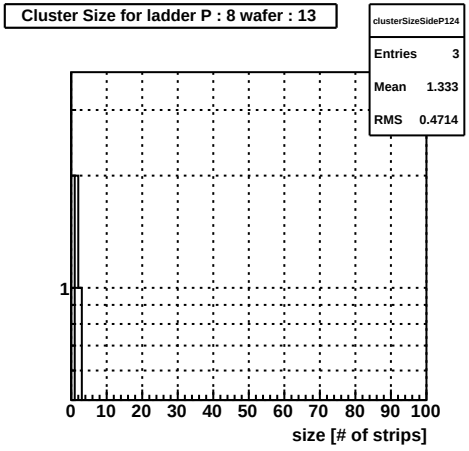

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2616
Mean 1.308
RMS 0.6482
size [# of strips]

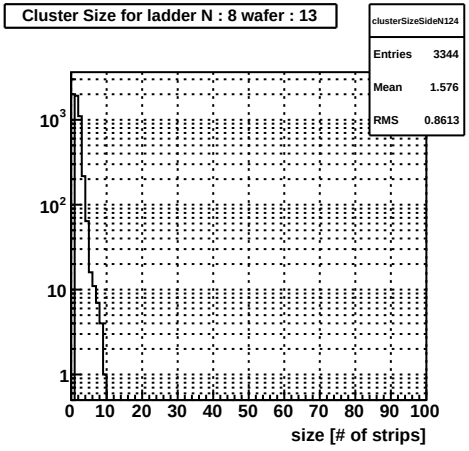

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 3598
Mean 1.574
RMS 0.8996
size [# of strips]

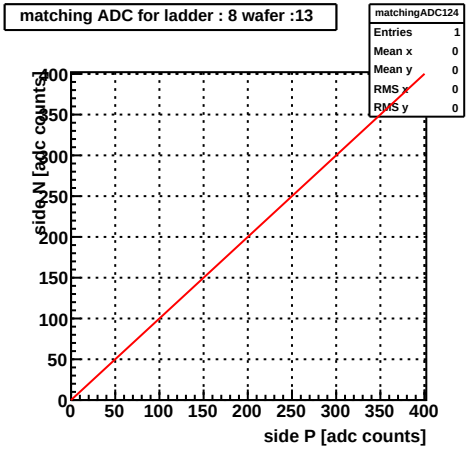

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 2071
Mean x 69.91
Mean y 75.7
RMS x 56.7
RMS y 59.49
side N [adc counts]
side P [adc counts]

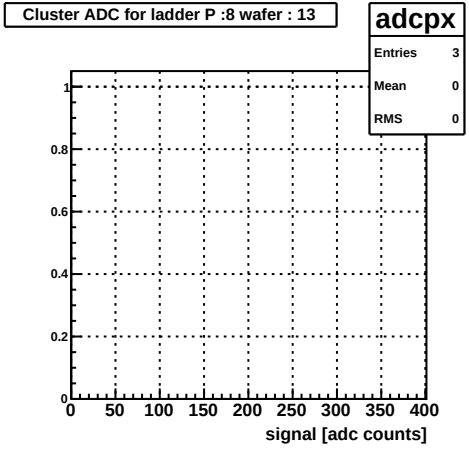

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2616
Mean 64.81
RMS 55.69
signal [adc counts]

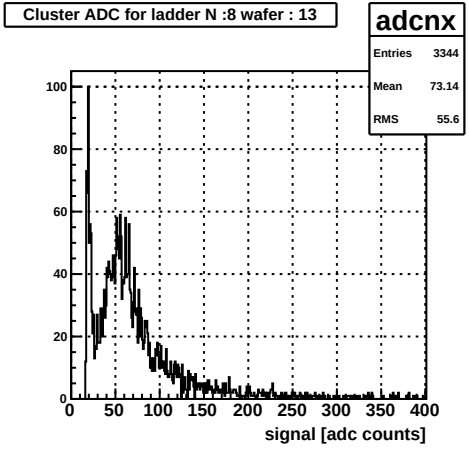

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 3598
Mean 67.79
RMS 55.79
signal [adc counts]

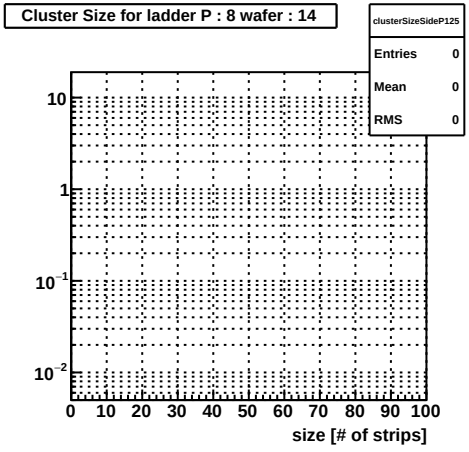

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

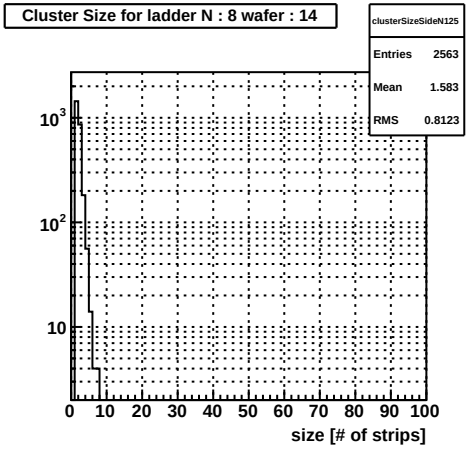

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 3344
Mean 1.576
RMS 0.8613
size [# of strips]

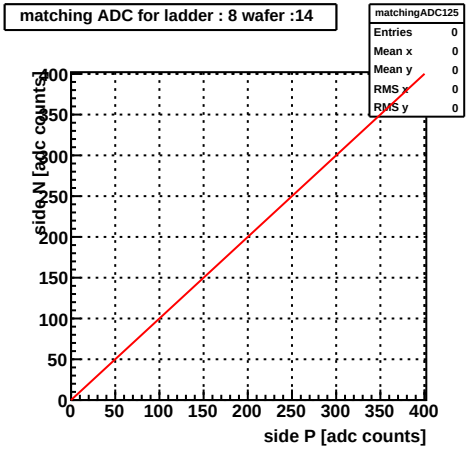

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

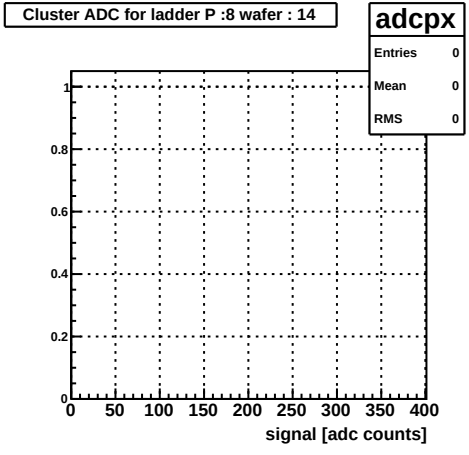

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

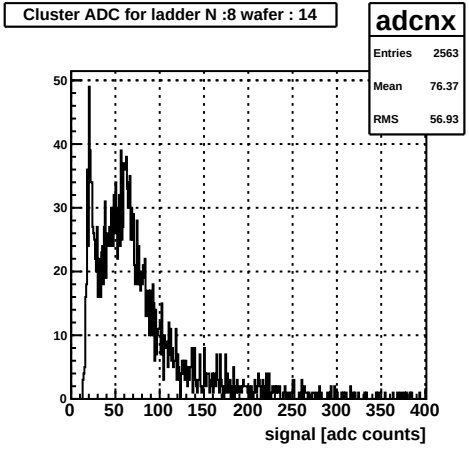

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 3344
Mean 73.14
RMS 55.6
signal [adc counts]

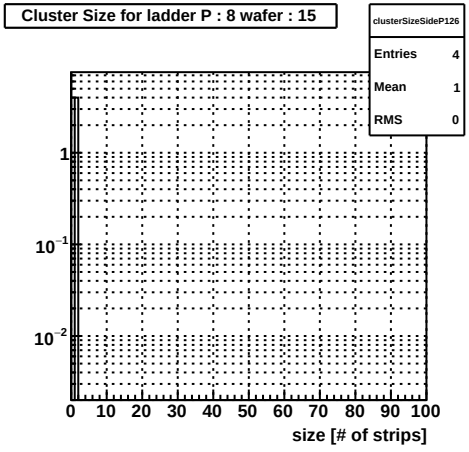

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

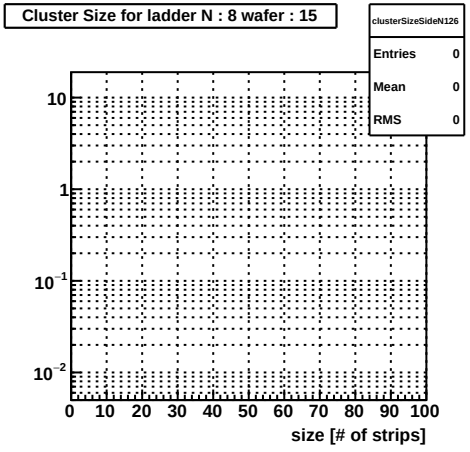

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2563
Mean 1.583
RMS 0.8123
size [# of strips]

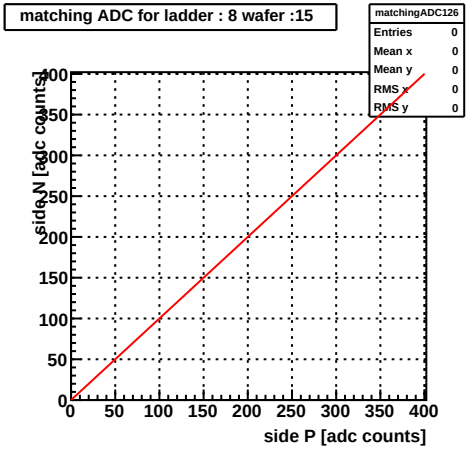

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

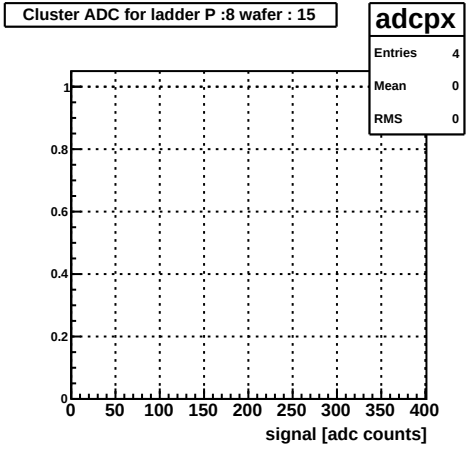

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

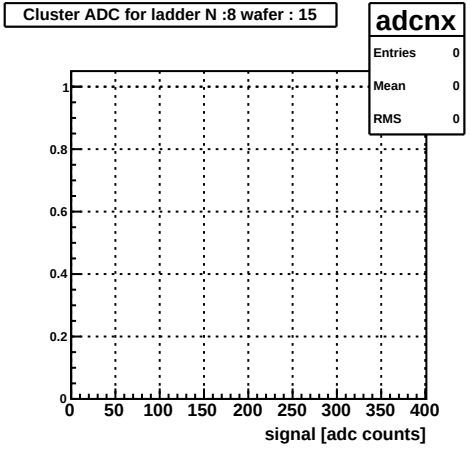

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2563
Mean 76.37
RMS 56.93
signal [adc counts]

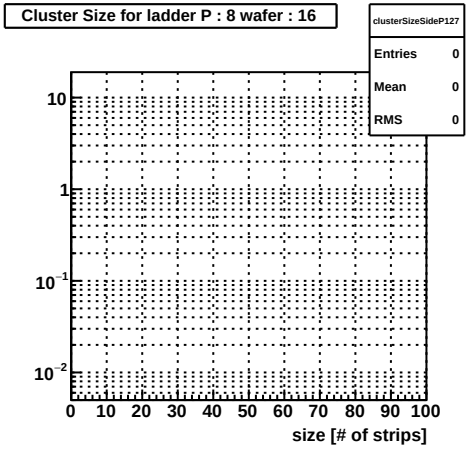

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

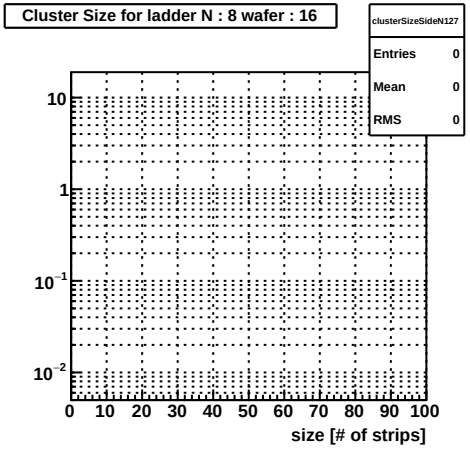

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

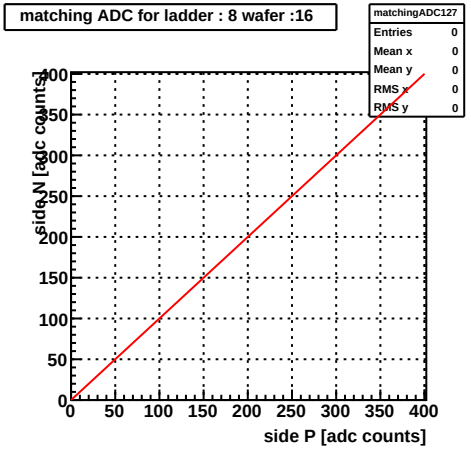

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

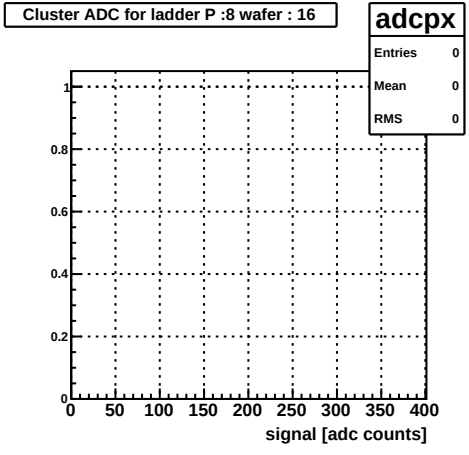

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

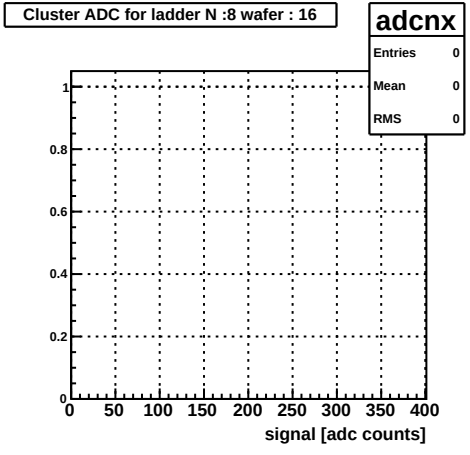

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

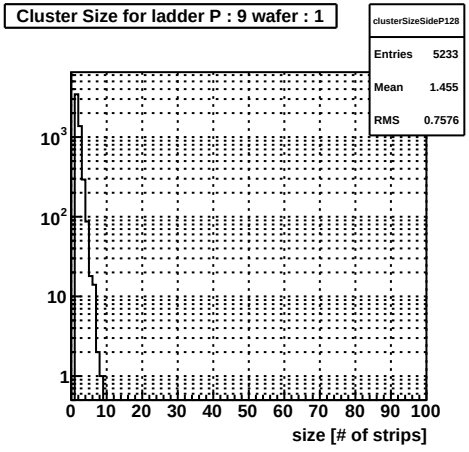

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

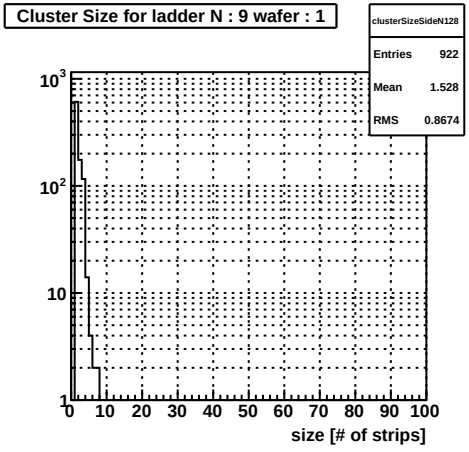

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

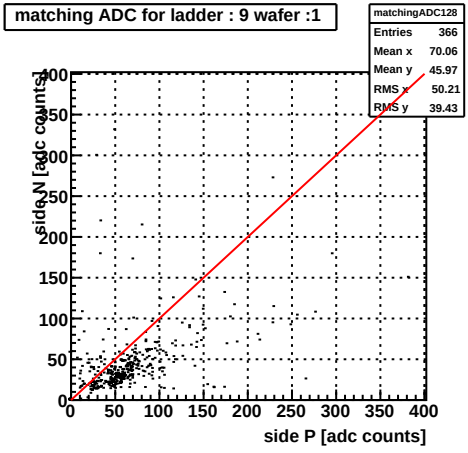

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

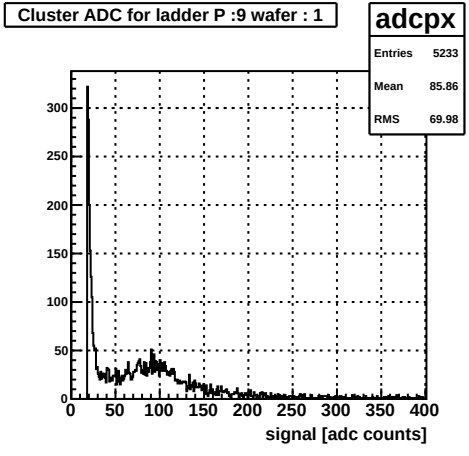

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

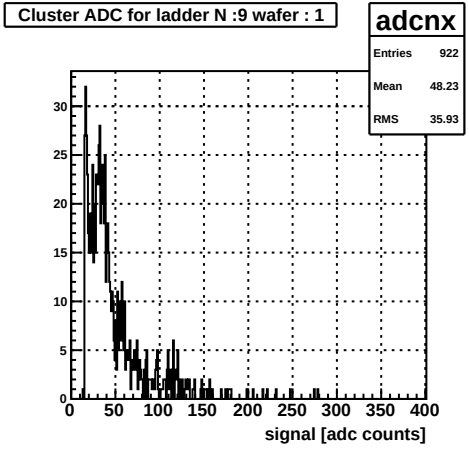

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

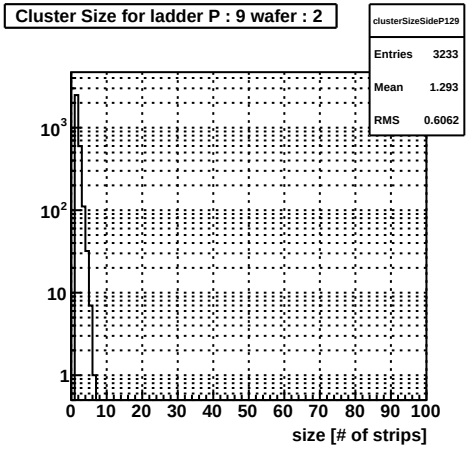

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 5233
Mean 1.455
RMS 0.7576
size [# of strips]

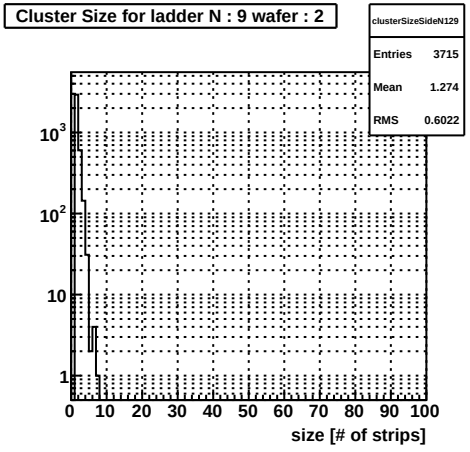

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 922
Mean 1.528
RMS 0.8674
size [# of strips]

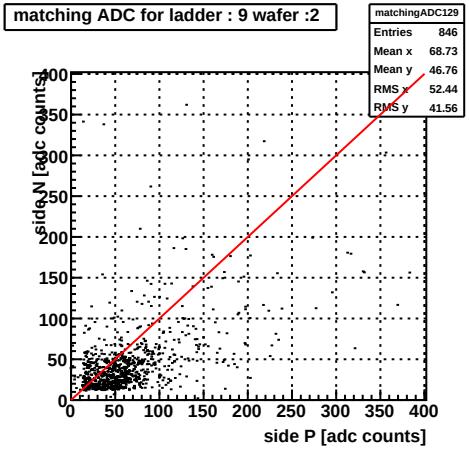

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 366
Mean x 70.06
Mean y 45.97
RMS x 50.21
RMS y 39.43
side N [adc counts]
side P [adc counts]

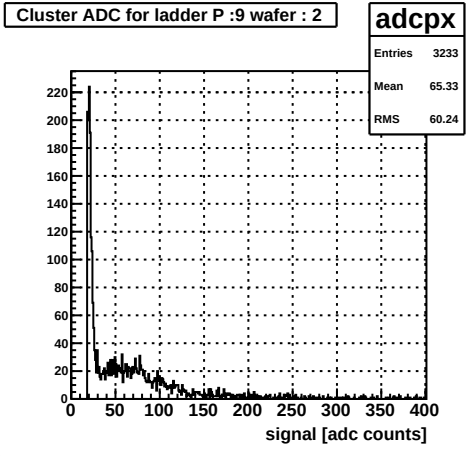

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 5233
Mean 85.86
RMS 69.98
signal [adc counts]

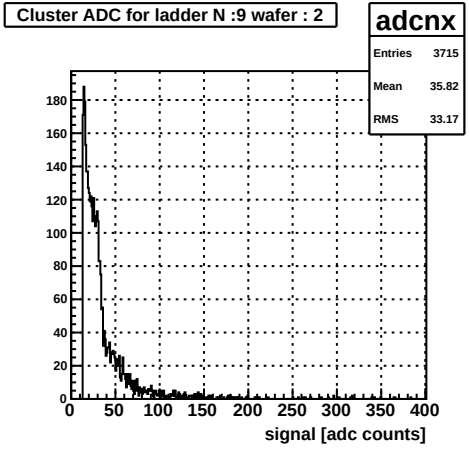

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 922
Mean 48.23
RMS 35.93
signal [adc counts]

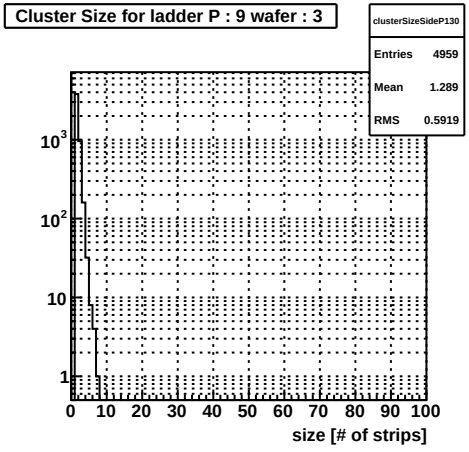

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 3233
Mean 1.293
RMS 0.6062
size [# of strips]

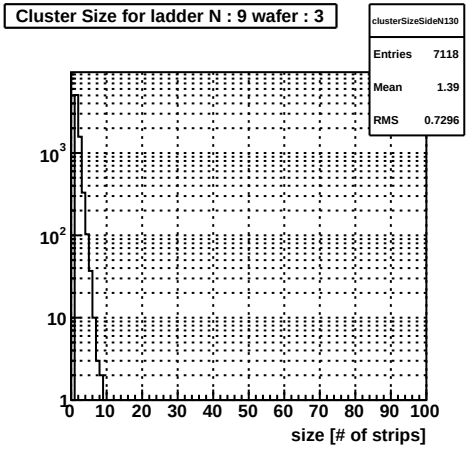

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3715
Mean 1.274
RMS 0.6022
size [# of strips]

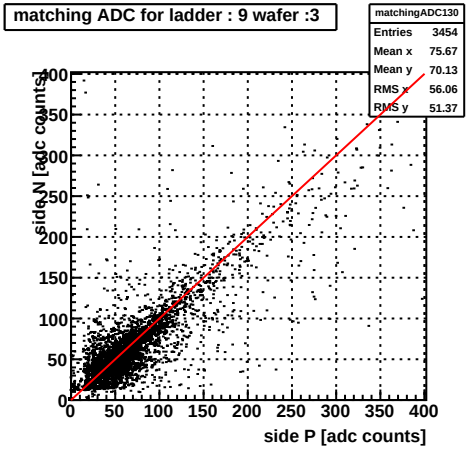

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 846
Mean x 68.73
Mean y 46.76
RMS x 52.44
RMS y 41.56
side N [adc counts]
side P [adc counts]

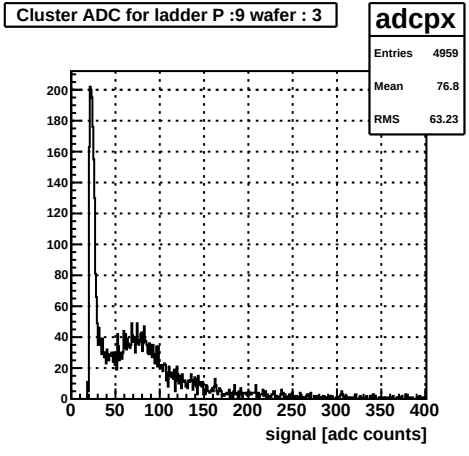

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 3233
Mean 65.33
RMS 60.24
signal [adc counts]

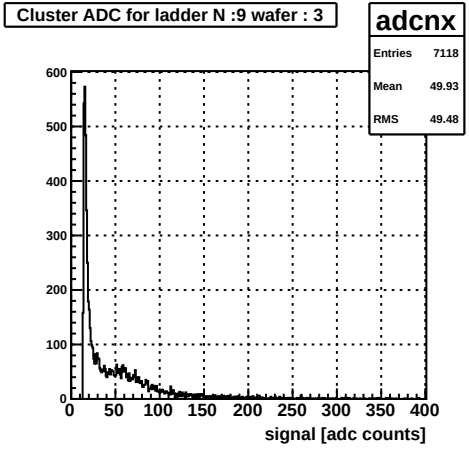

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3715
Mean 35.82
RMS 33.17
signal [adc counts]

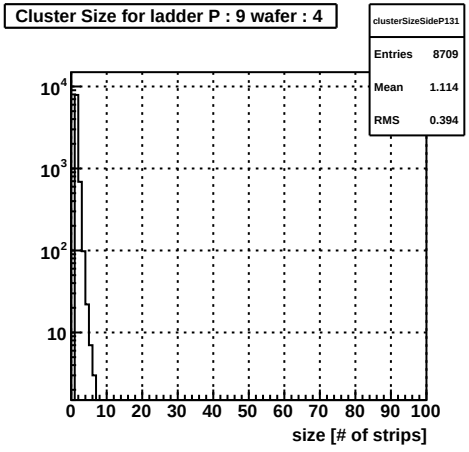

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 4959
Mean 1.289
RMS 0.5919
size [# of strips]

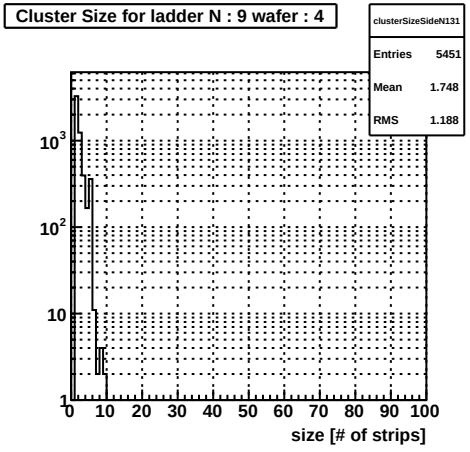

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7118
Mean 1.39
RMS 0.7296
size [# of strips]

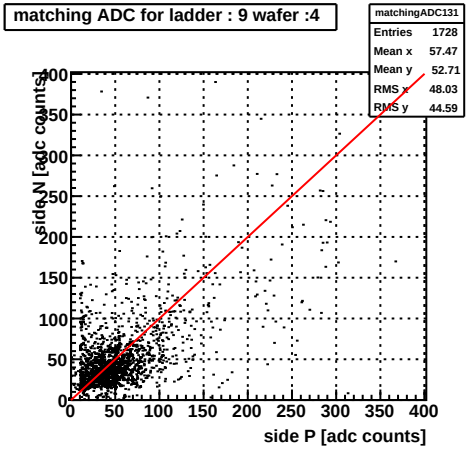

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 3454
Mean x 75.67
Mean y 70.13
RMS x 56.06
RMS y 51.37
side N [adc counts]
side P [adc counts]

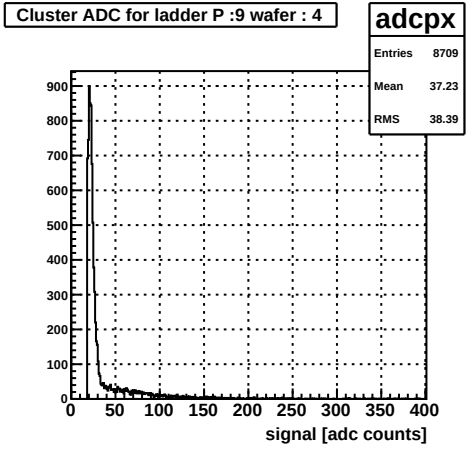

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 4959
Mean 76.8
RMS 63.23
signal [adc counts]

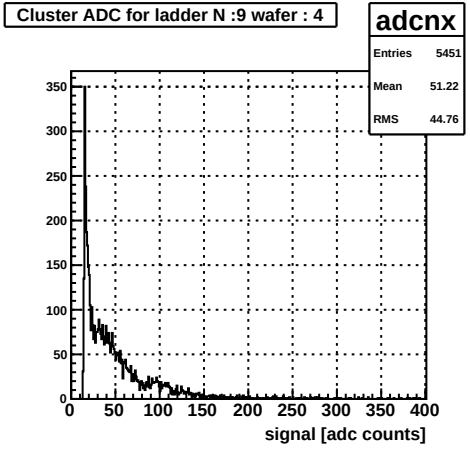

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7118
Mean 49.93
RMS 49.48
signal [adc counts]

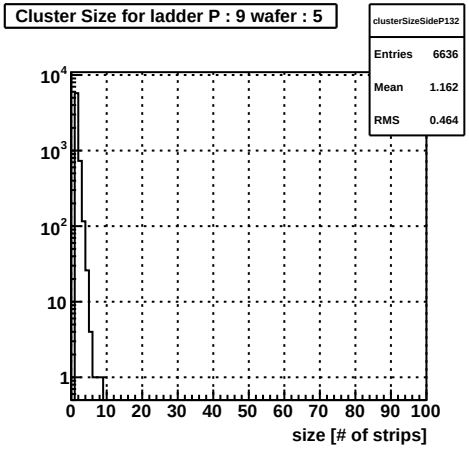

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8709
Mean 1.114
RMS 0.394
size [# of strips]

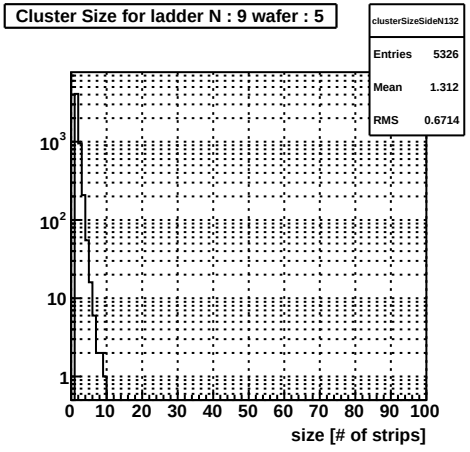

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5451
Mean 1.748
RMS 1.188
size [# of strips]

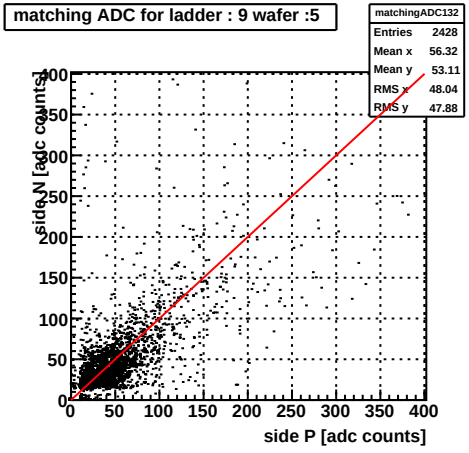

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 1728
Mean x 57.47
Mean y 52.71
RMS x 48.03
RMS y 44.59
side N [adc counts]
side P [adc counts]

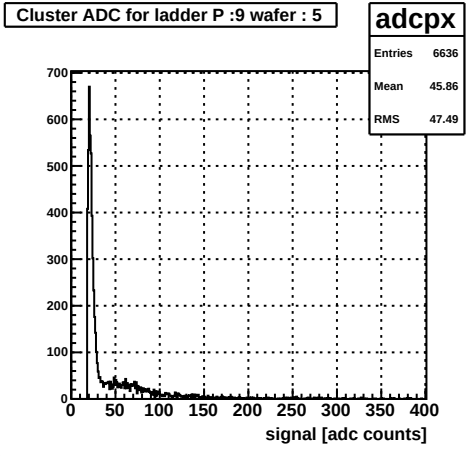

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8709
Mean 37.23
RMS 38.39
signal [adc counts]

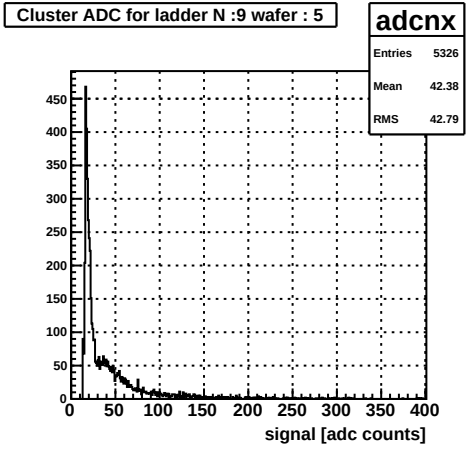

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5451
Mean 51.22
RMS 44.76
signal [adc counts]

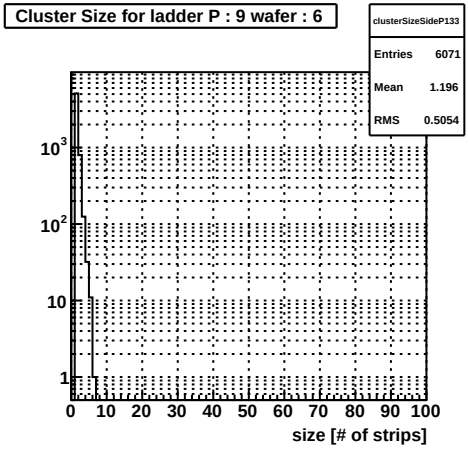

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 6636
Mean 1.162
RMS 0.464
size [# of strips]

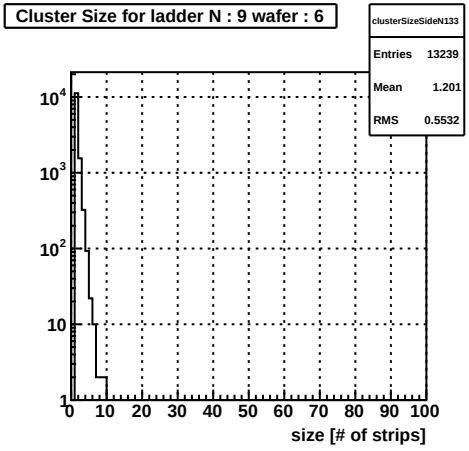

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5326
Mean 1.312
RMS 0.6714
size [# of strips]

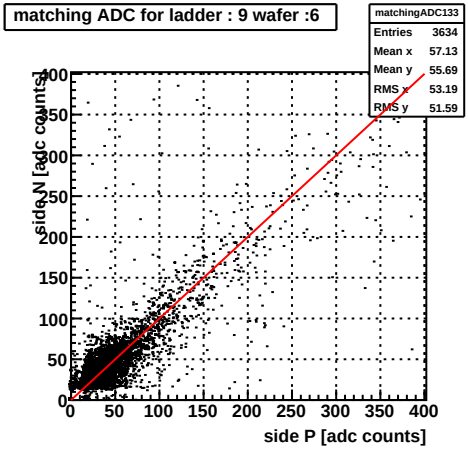

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 2428
Mean x 56.32
Mean y 53.11
RMS x 48.04
RMS y 47.88
side N [adc counts]
side P [adc counts]

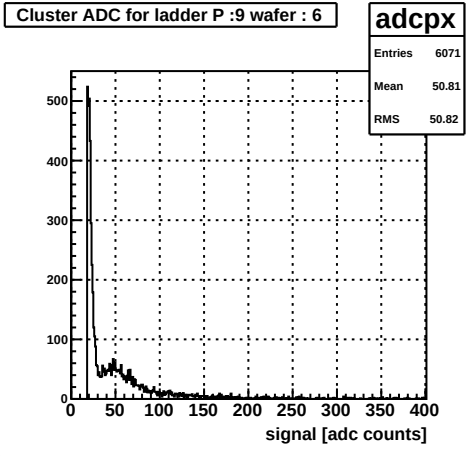

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 6636
Mean 45.86
RMS 47.49
signal [adc counts]

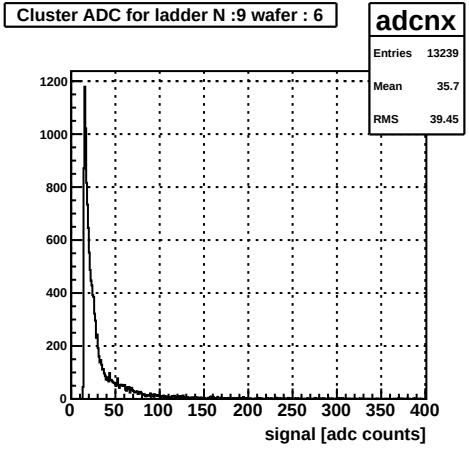

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5326
Mean 42.38
RMS 42.79
signal [adc counts]

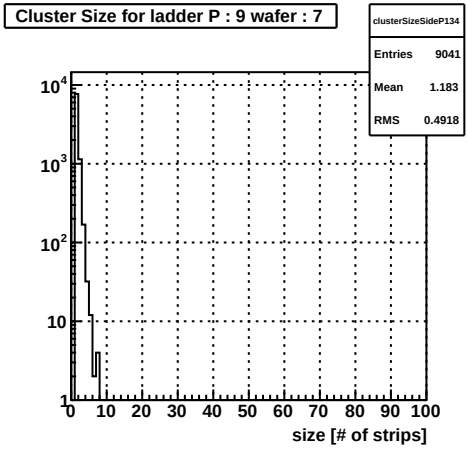

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 6071
Mean 1.196
RMS 0.5054
size [# of strips]

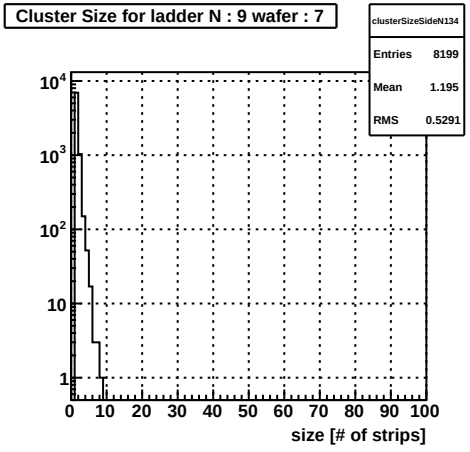

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13239
Mean 1.201
RMS 0.5532
size [# of strips]

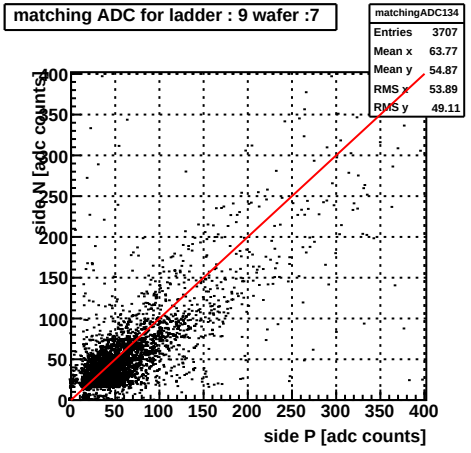

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 3634
Mean x 57.13
Mean y 55.69
RMS x 53.19
RMS y 51.59
side N [adc counts]
side P [adc counts]

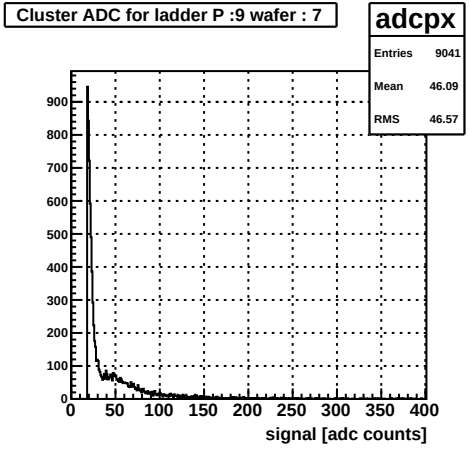

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 6071
Mean 50.81
RMS 50.82
signal [adc counts]

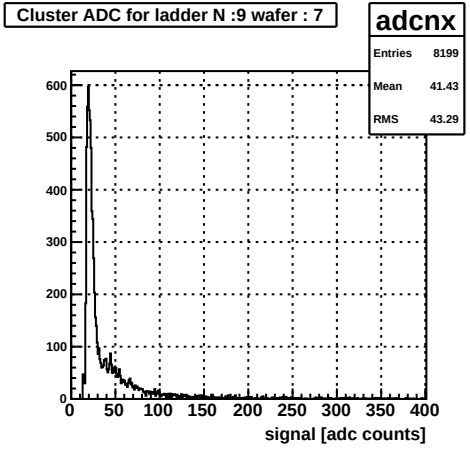

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13239
Mean 35.7
RMS 39.45
signal [adc counts]

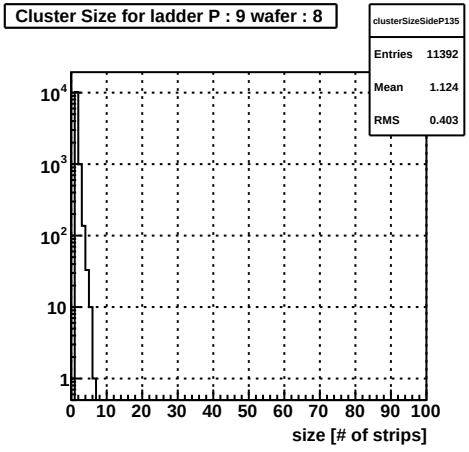

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 9041
Mean 1.183
RMS 0.4918
size [# of strips]

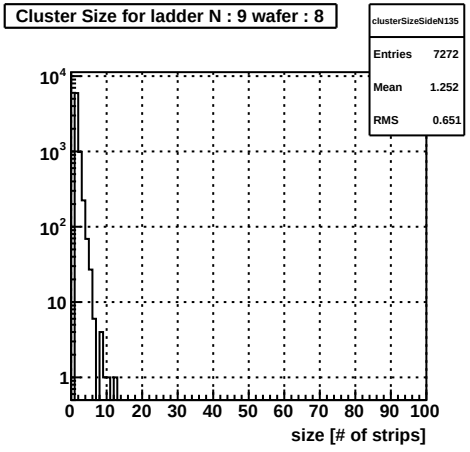

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8199
Mean 1.195
RMS 0.5291
size [# of strips]

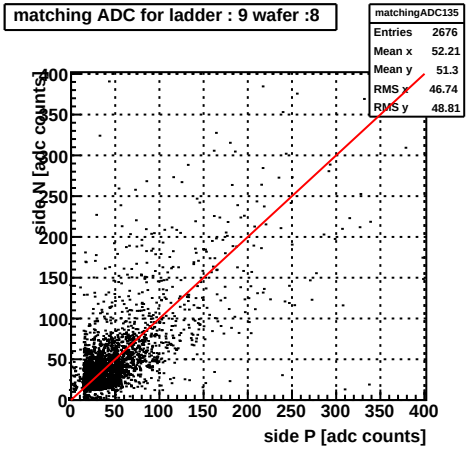

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 3707
Mean x 63.77
Mean y 54.87
RMS x 53.89
RMS y 49.11
side N [adc counts]
side P [adc counts]

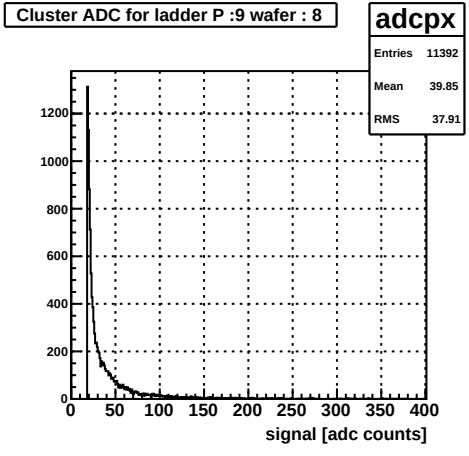

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 9041
Mean 46.09
RMS 46.57
signal [adc counts]

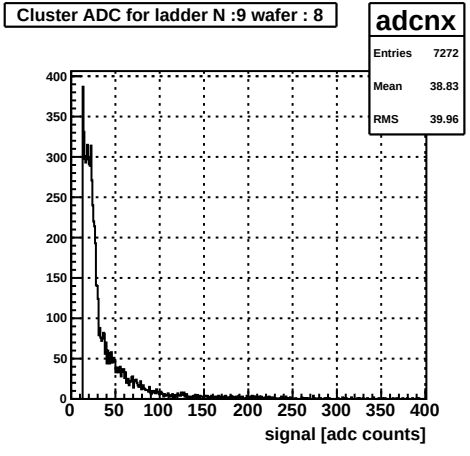

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8199
Mean 41.43
RMS 43.29
signal [adc counts]

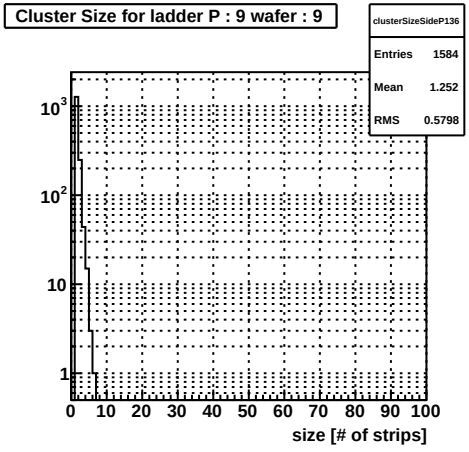

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 11392
Mean 1.124
RMS 0.403
size [# of strips]

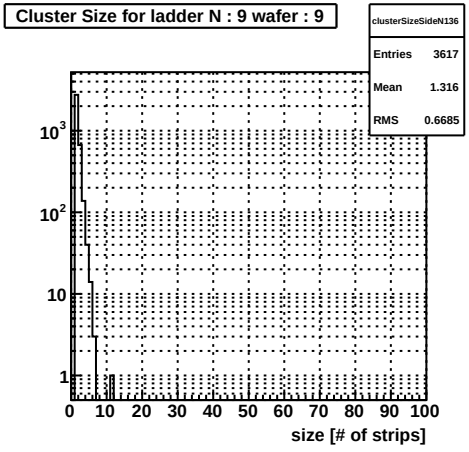

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7272
Mean 1.252
RMS 0.651
size [# of strips]

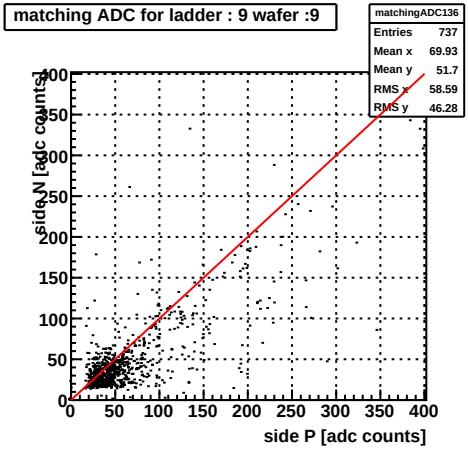

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 2676
Mean x 52.21
Mean y 51.3
RMS x 46.74
RMS y 48.81
side N [adc counts]
side P [adc counts]

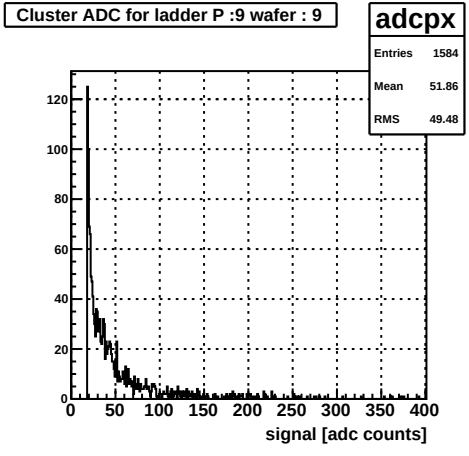

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 11392
Mean 39.85
RMS 37.91
signal [adc counts]

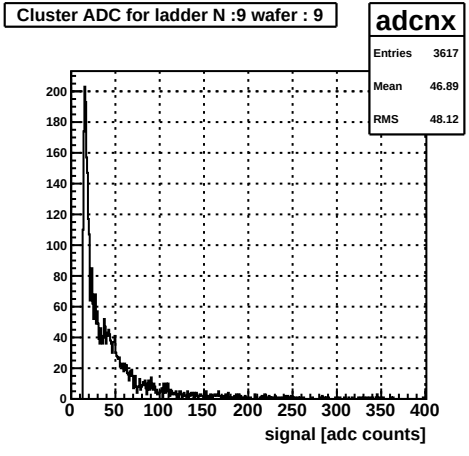

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7272
Mean 38.83
RMS 39.96
signal [adc counts]

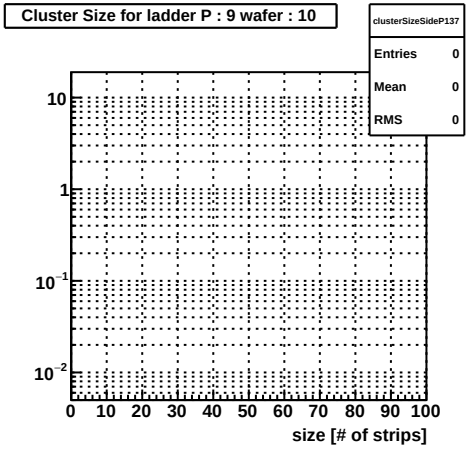

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1584
Mean 1.252
RMS 0.5798
size [# of strips]

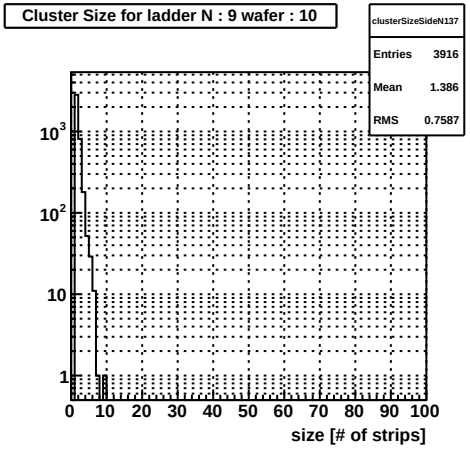

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3617
Mean 1.316
RMS 0.6685
size [# of strips]

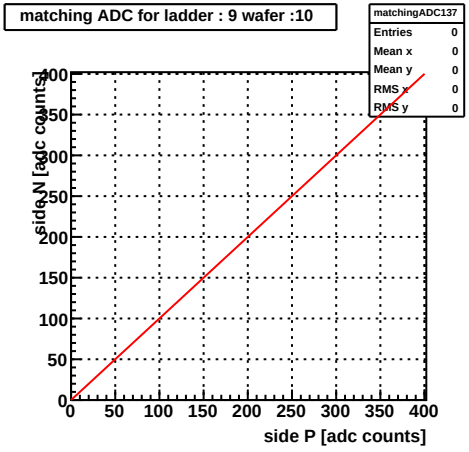

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 737
Mean x 69.93
Mean y 51.7
RMS x 58.59
RMS y 46.28
side N [adc counts]
side P [adc counts]

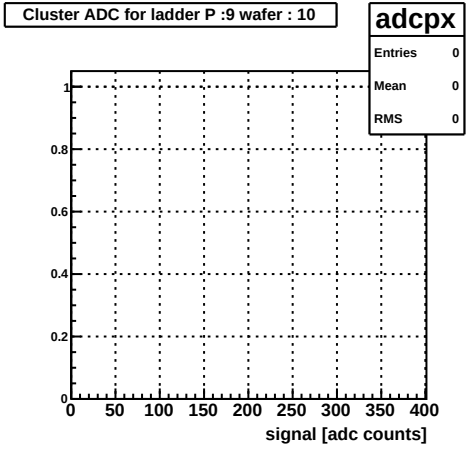

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1584
Mean 51.86
RMS 49.48
signal [adc counts]

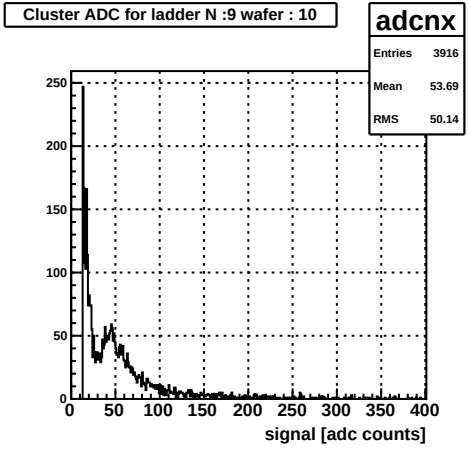

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3617
Mean 46.89
RMS 48.12
signal [adc counts]

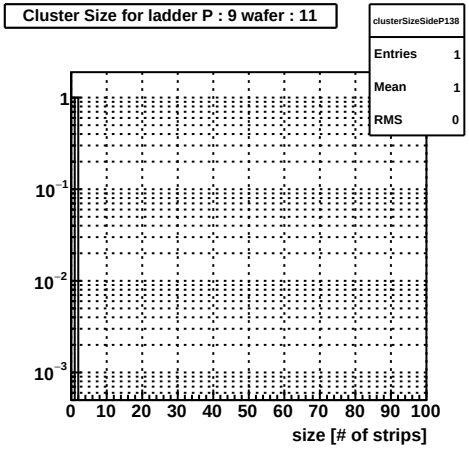

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

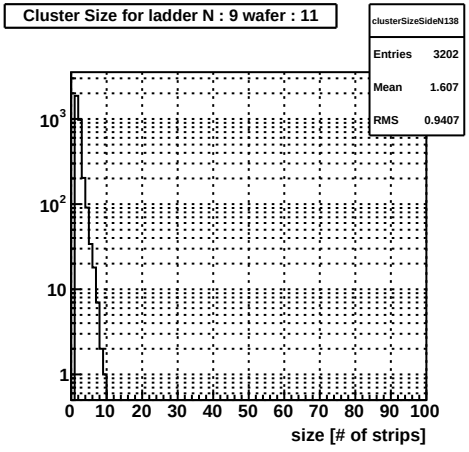

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3916
Mean 1.386
RMS 0.7587
size [# of strips]

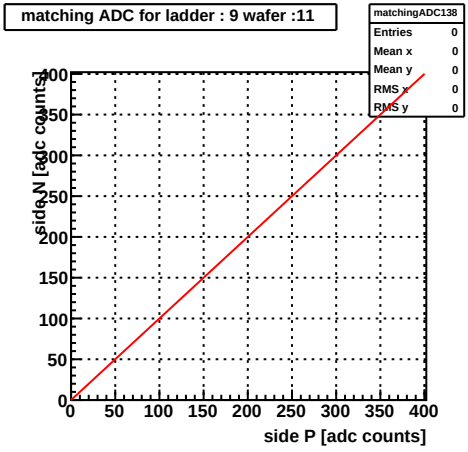

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

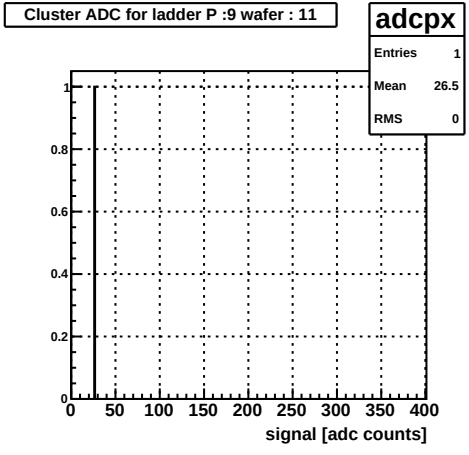

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

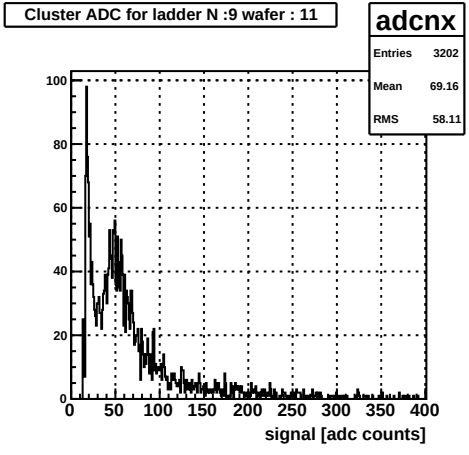

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3916
Mean 53.69
RMS 50.14
signal [adc counts]

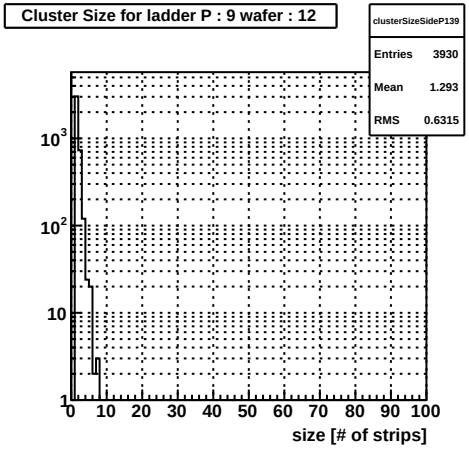

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

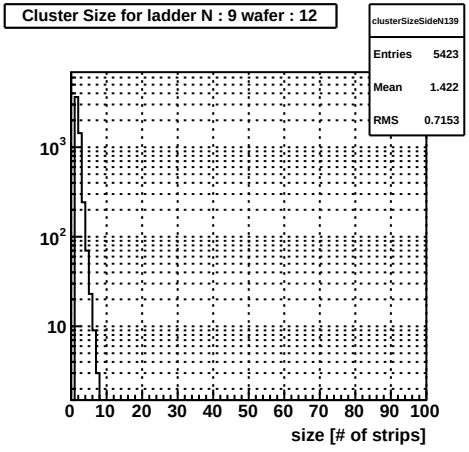

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 3202
Mean 1.607
RMS 0.9407
size [# of strips]

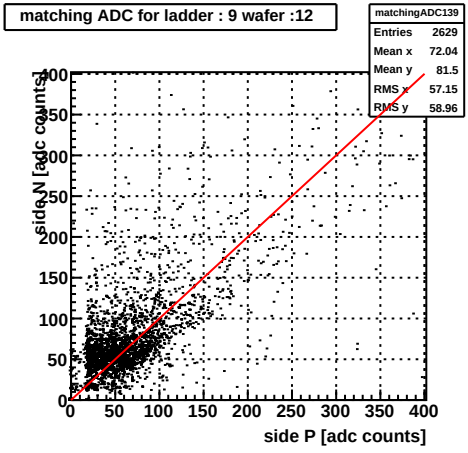

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

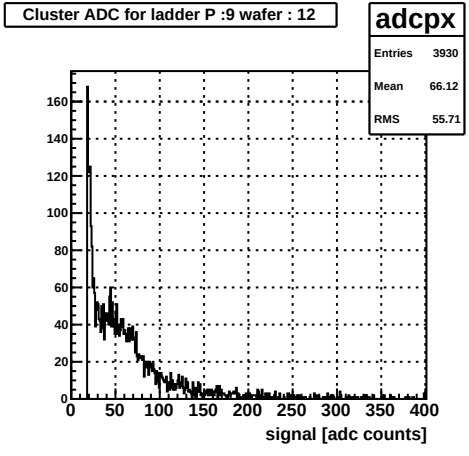

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 26.5
RMS 0
signal [adc counts]

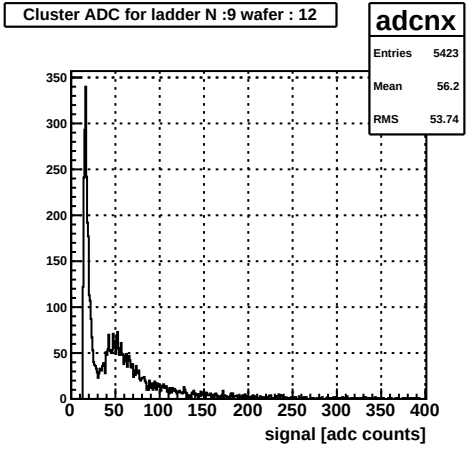

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 3202
Mean 69.16
RMS 58.11
signal [adc counts]

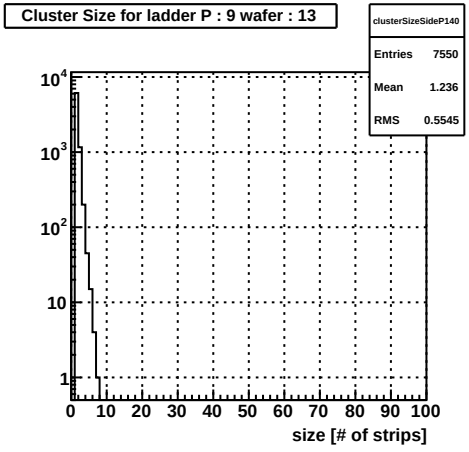

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3930
Mean 1.293
RMS 0.6315
size [# of strips]

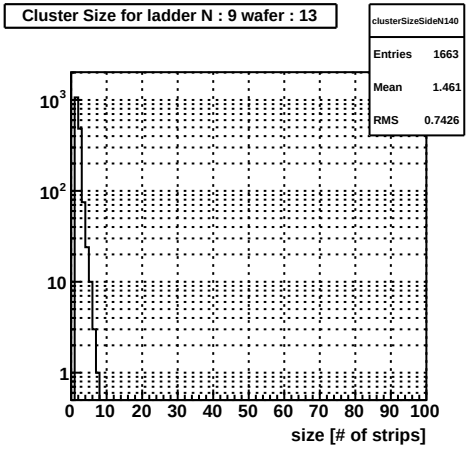

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 5423
Mean 1.422
RMS 0.7153
size [# of strips]

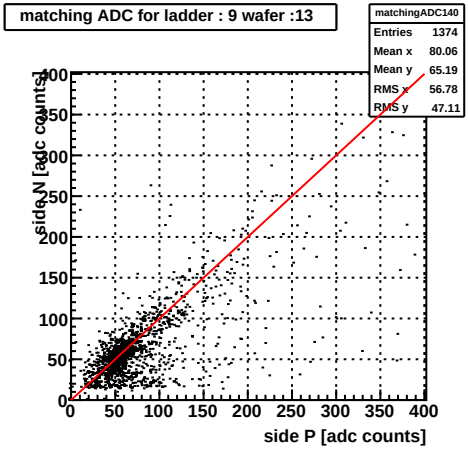

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 2629
Mean x 72.04
Mean y 81.5
RMS x 57.15
RMS y 58.96
side N [adc counts]
side P [adc counts]

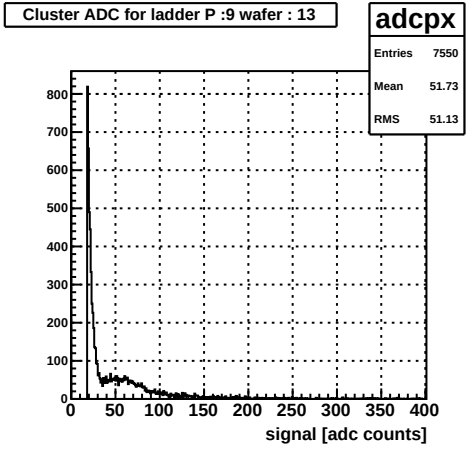

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3930
Mean 66.12
RMS 55.71
signal [adc counts]

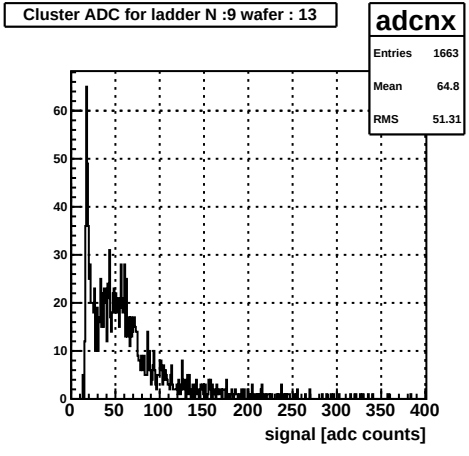

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 5423
Mean 56.2
RMS 53.74
signal [adc counts]

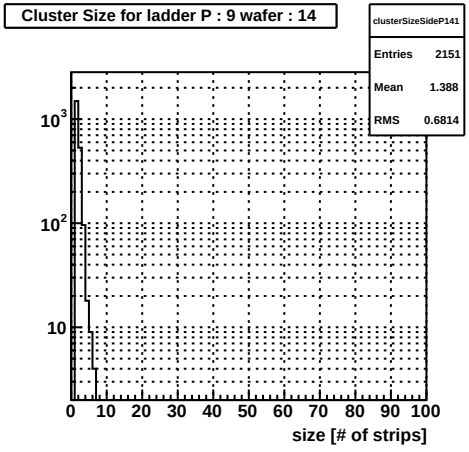

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 7550
Mean 1.236
RMS 0.5545
size [# of strips]

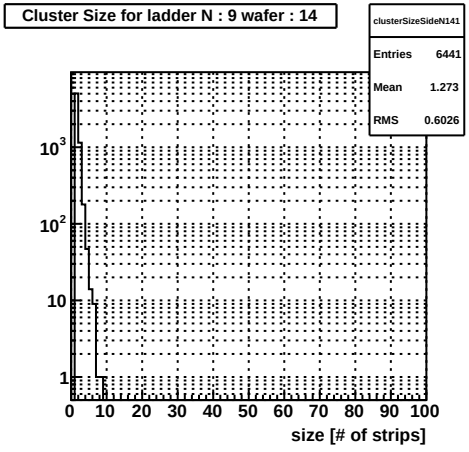

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1663
Mean 1.461
RMS 0.7426
size [# of strips]

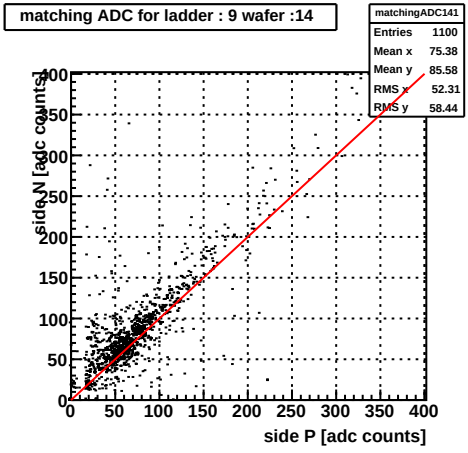

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1374
Mean x 80.06
Mean y 65.19
RMS x 56.78
RMS y 47.11
side N [adc counts]
side P [adc counts]

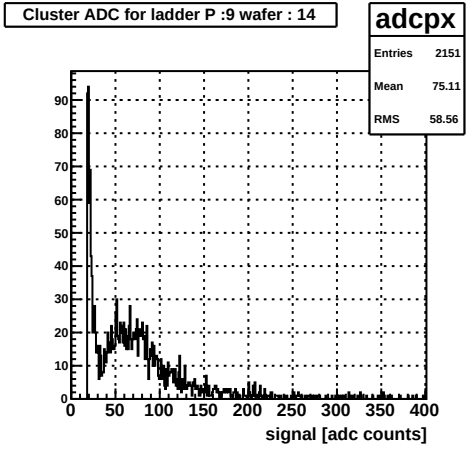

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 7550
Mean 51.73
RMS 51.13
signal [adc counts]

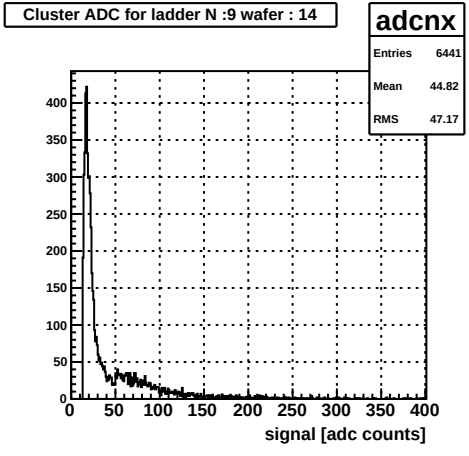

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1663
Mean 64.8
RMS 51.31
signal [adc counts]

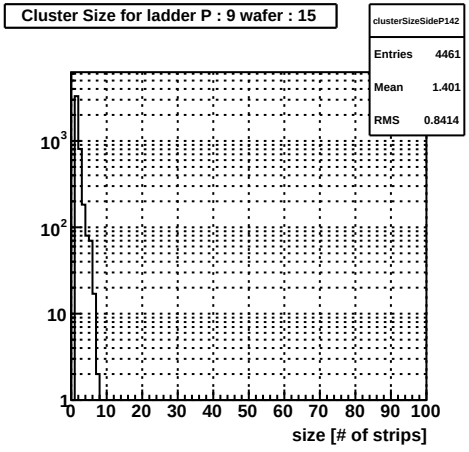

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2151
Mean 1.388
RMS 0.6814
size [# of strips]

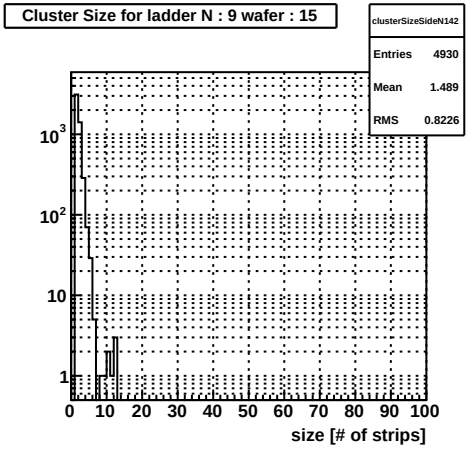

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6441
Mean 1.273
RMS 0.6026
size [# of strips]

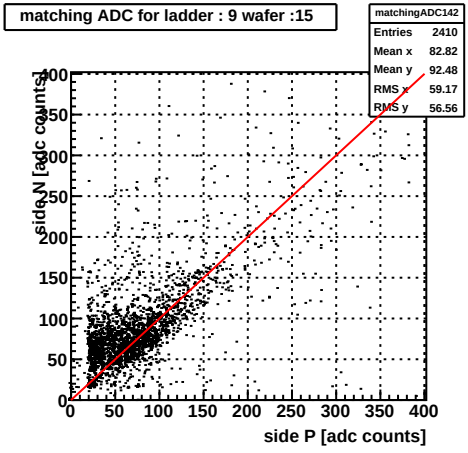

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1100
Mean x 75.38
Mean y 85.58
RMS x 52.31
RMS y 58.44
side N [adc counts]
side P [adc counts]

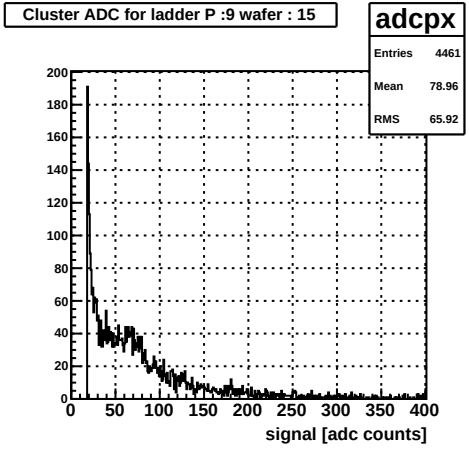

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2151
Mean 75.11
RMS 58.56
signal [adc counts]

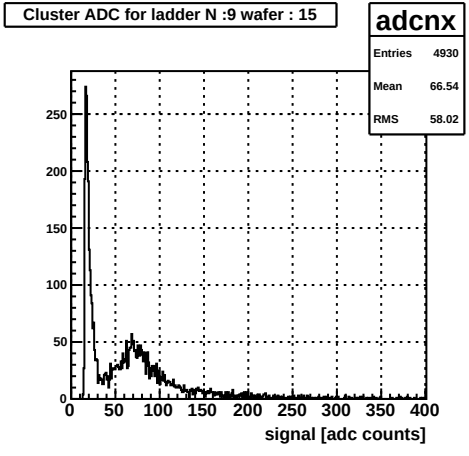

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6441
Mean 44.82
RMS 47.17
signal [adc counts]

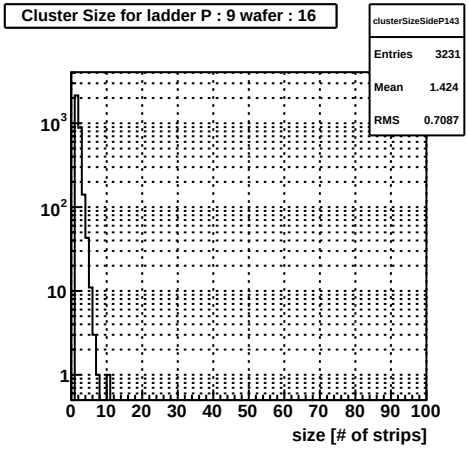

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4461
Mean 1.401
RMS 0.8414
size [# of strips]

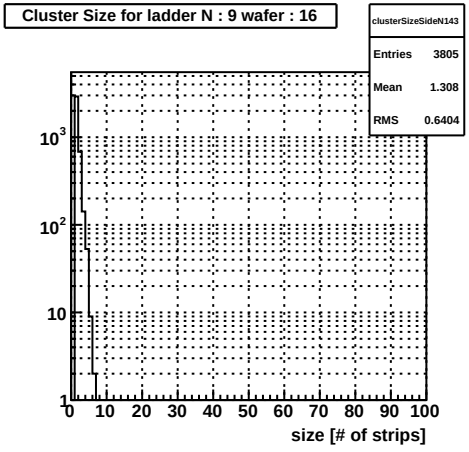

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4930
Mean 1.489
RMS 0.8226
size [# of strips]

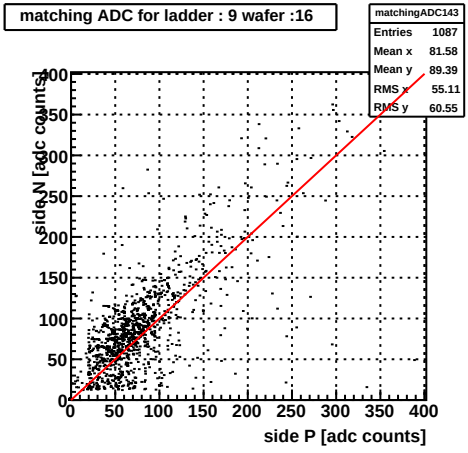

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 2410
Mean x 82.82
Mean y 92.48
RMS x 59.17
RMS y 56.56
side N [adc counts]
side P [adc counts]

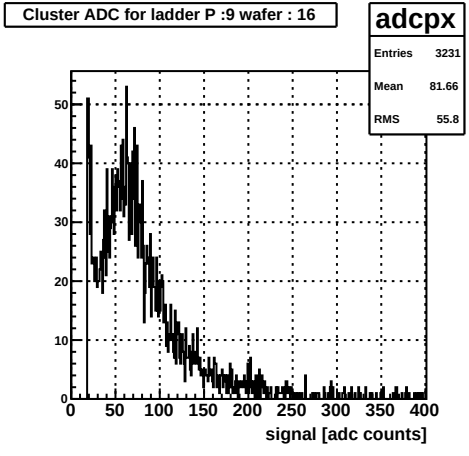

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4461
Mean 78.96
RMS 65.92
signal [adc counts]

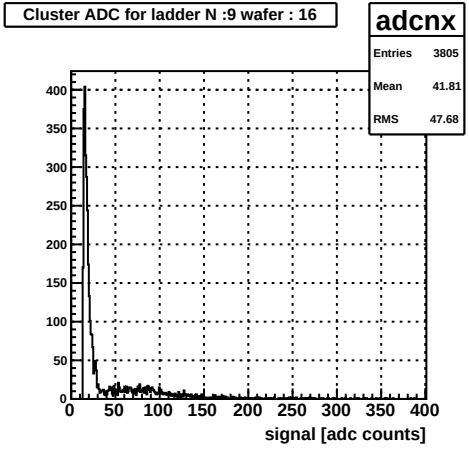

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4930
Mean 66.54
RMS 58.02
signal [adc counts]

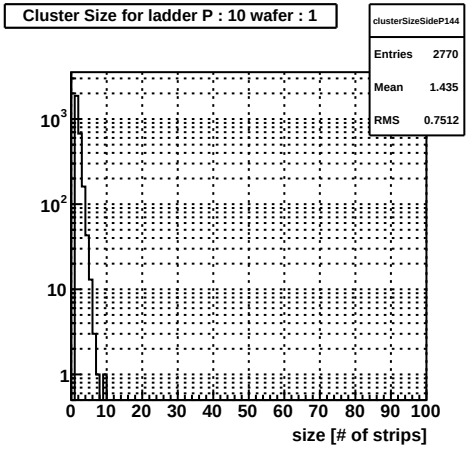

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 3231
Mean 1.424
RMS 0.7087
size [# of strips]

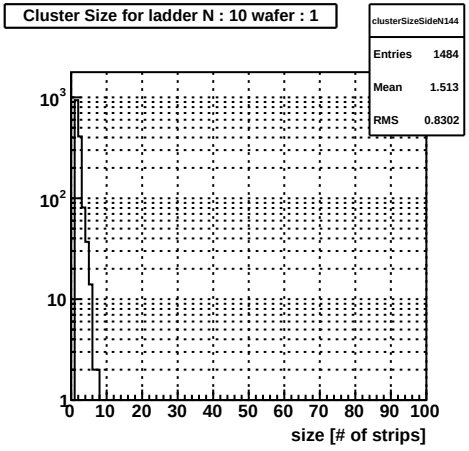

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3805
Mean 1.308
RMS 0.6404
size [# of strips]

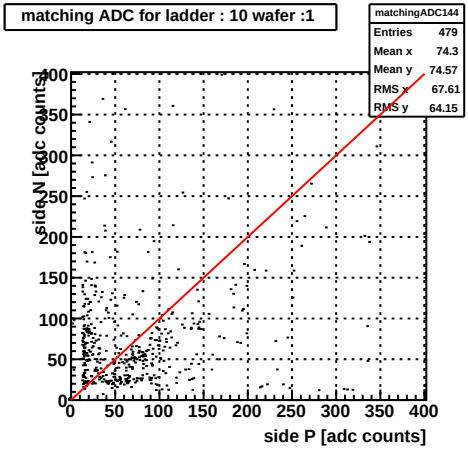

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 1087
Mean x 81.58
Mean y 89.39
RMS x 55.11
RMS y 60.55
side N [adc counts]
side P [adc counts]

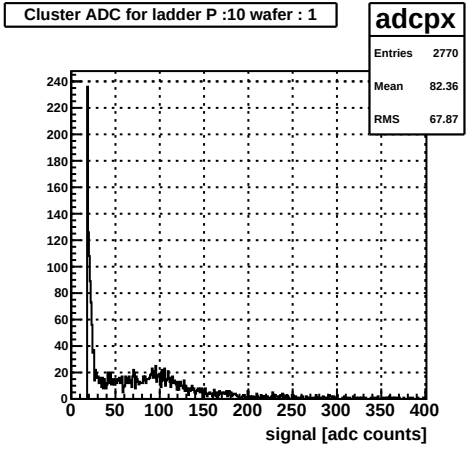

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 3231
Mean 81.66
RMS 55.8
signal [adc counts]

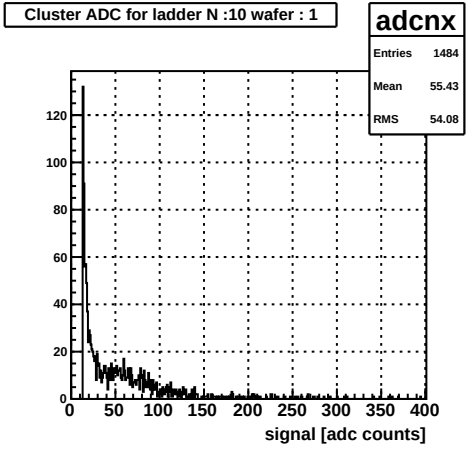

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3805
Mean 41.81
RMS 47.68
signal [adc counts]

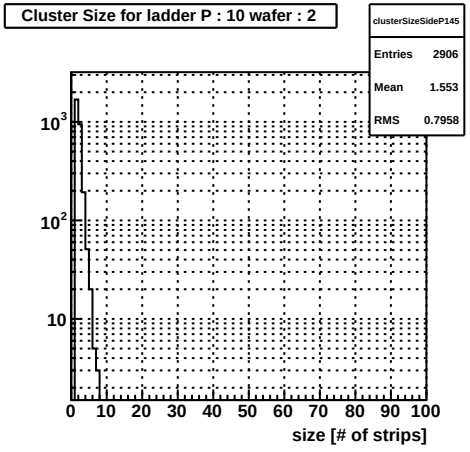

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 2770
Mean 1.435
RMS 0.7512
size [# of strips]

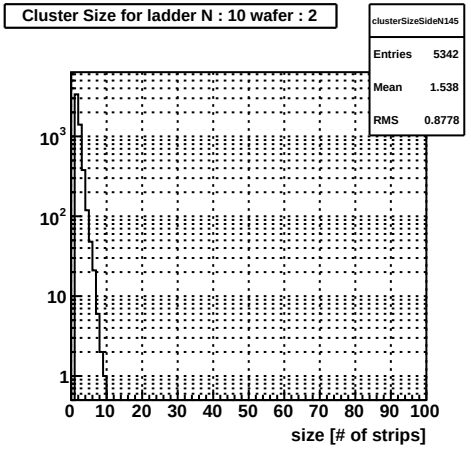

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 1484
Mean 1.513
RMS 0.8302
size [# of strips]

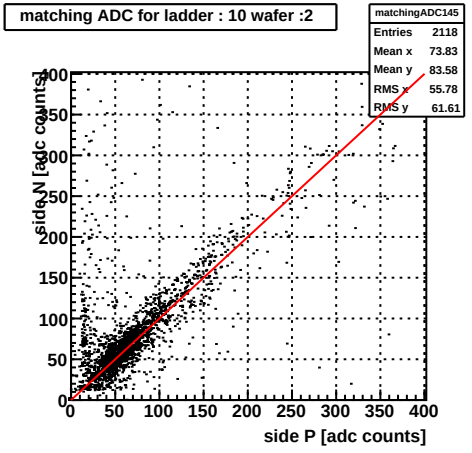

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 479
Mean x 74.3
Mean y 74.57
RMS x 67.61
RMS y 64.15
side N [adc counts]
side P [adc counts]

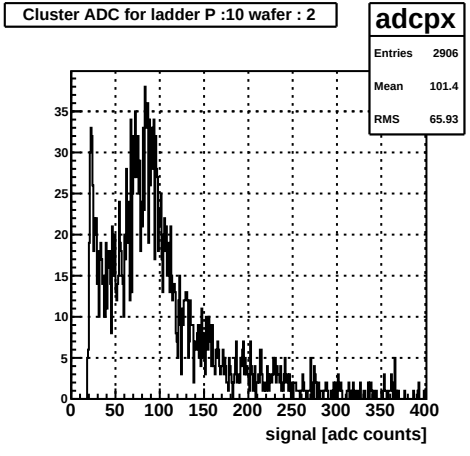

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 2770
Mean 82.36
RMS 67.87
signal [adc counts]

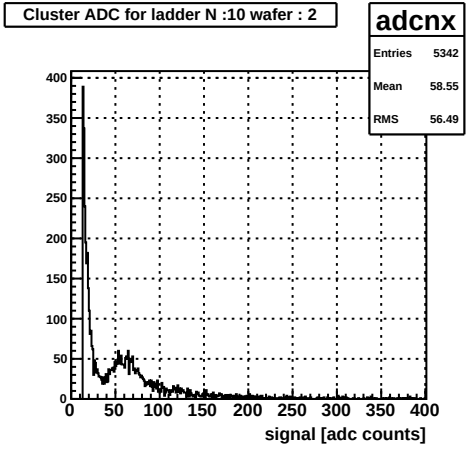

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 1484
Mean 55.43
RMS 54.08
signal [adc counts]

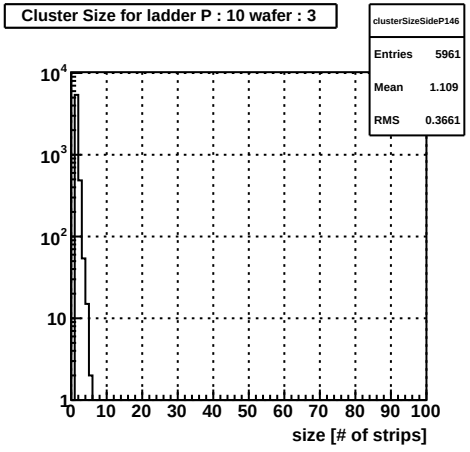

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 2906
Mean 1.553
RMS 0.7958
size [# of strips]

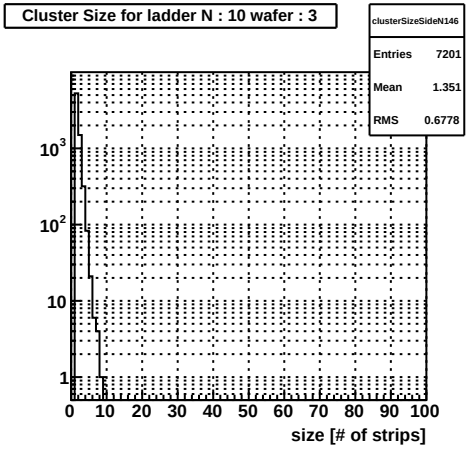

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5342
Mean 1.538
RMS 0.8778
size [# of strips]

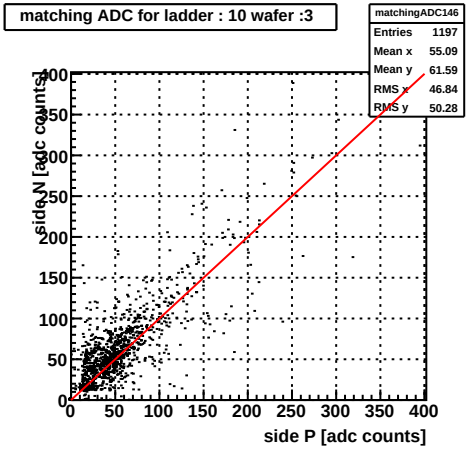

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 2118
Mean x 73.83
Mean y 83.58
RMS x 55.78
RMS y 61.61
side N [adc counts]
side P [adc counts]

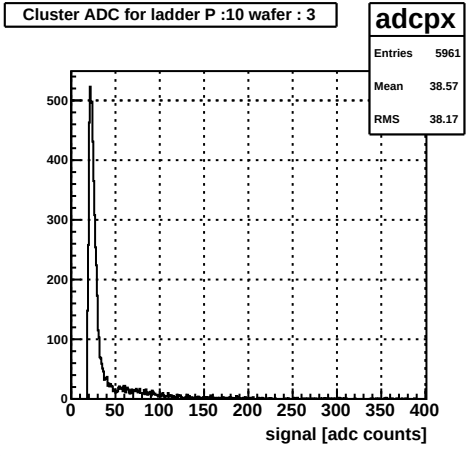

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 2906
Mean 101.4
RMS 65.93
signal [adc counts]

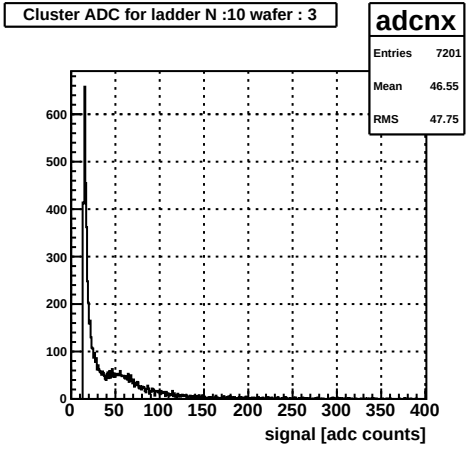

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5342
Mean 58.55
RMS 56.49
signal [adc counts]

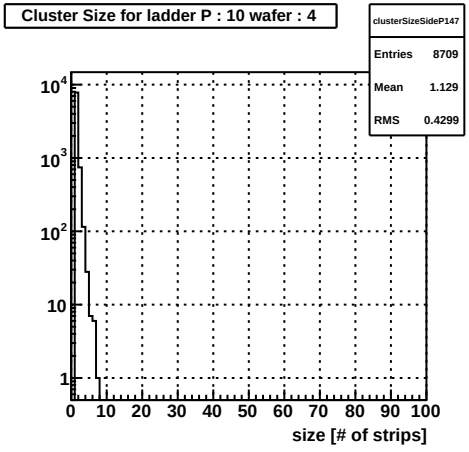

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 5961
Mean 1.109
RMS 0.3661
size [# of strips]

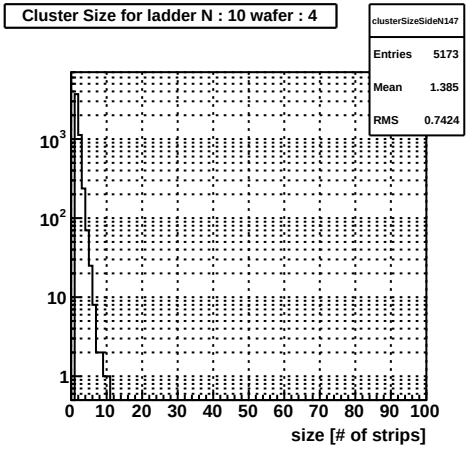

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 7201
Mean 1.351
RMS 0.6778
size [# of strips]

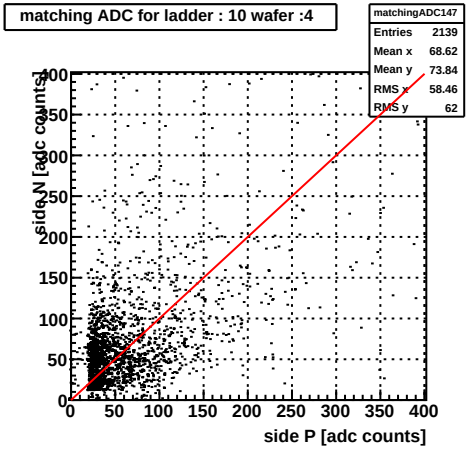

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1197
Mean x 55.09
Mean y 61.59
RMS x 46.84
RMS y 50.28
side N [adc counts]
side P [adc counts]

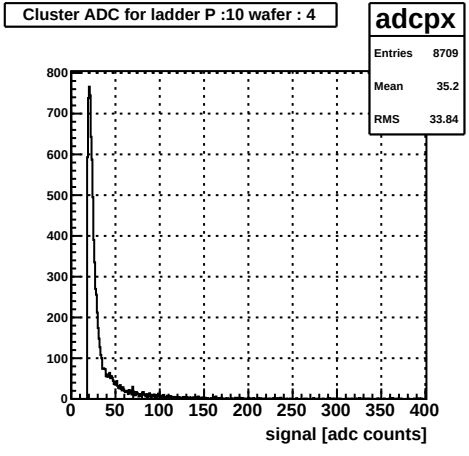

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 5961
Mean 38.57
RMS 38.17
signal [adc counts]

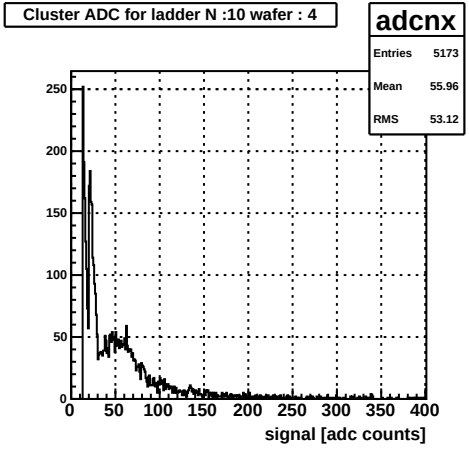

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 7201
Mean 46.55
RMS 47.75
signal [adc counts]

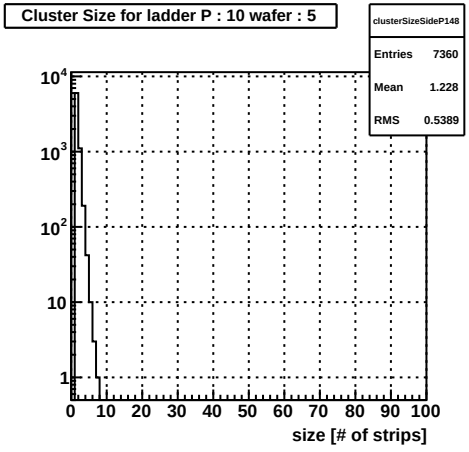

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8709
Mean 1.129
RMS 0.4299
size [# of strips]

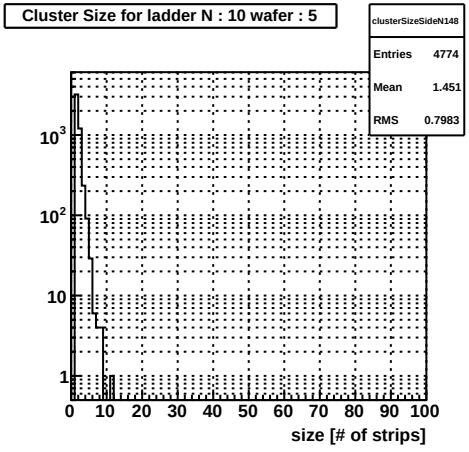

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 5173
Mean 1.385
RMS 0.7424
size [# of strips]

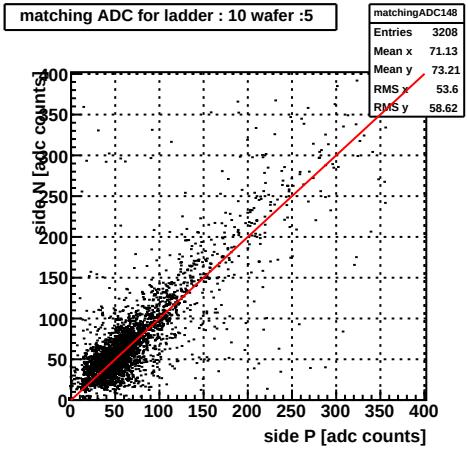

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 2139
Mean x 68.62
Mean y 73.84
RMS x 58.46
RMS y 62
side N [adc counts]
side P [adc counts]

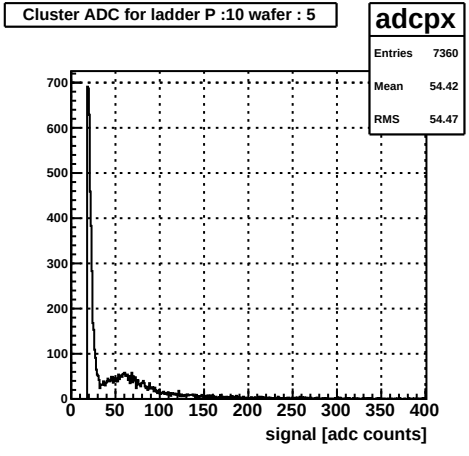

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8709
Mean 35.2
RMS 33.84
signal [adc counts]

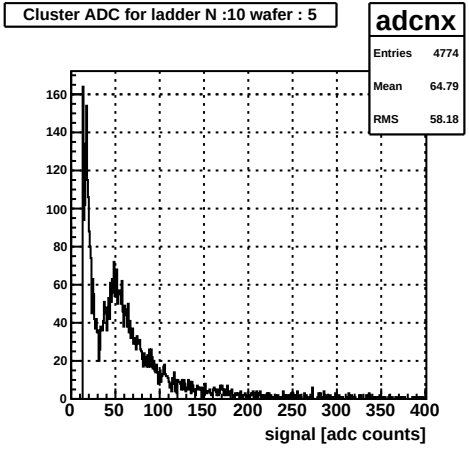

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 5173
Mean 55.96
RMS 53.12
signal [adc counts]

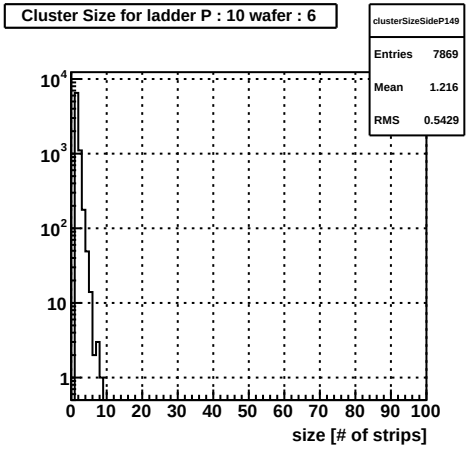

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7360
Mean 1.228
RMS 0.5389
size [# of strips]

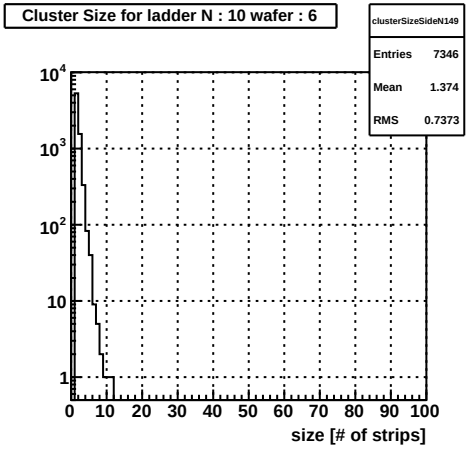

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 4774
Mean 1.451
RMS 0.7983
size [# of strips]

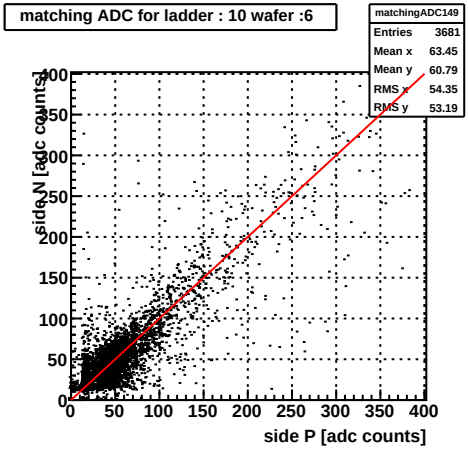

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 3208
Mean x 71.13
Mean y 73.21
RMS x 53.6
RMS y 58.62
side N [adc counts]
side P [adc counts]

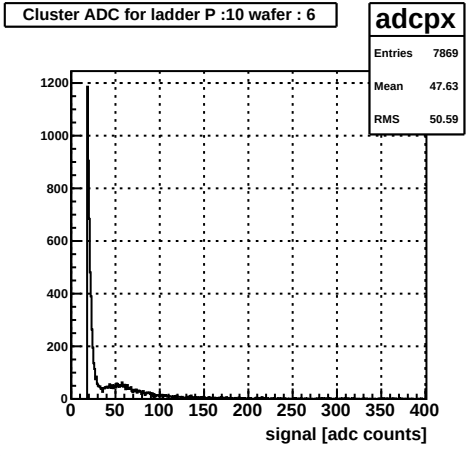

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7360
Mean 54.42
RMS 54.47
signal [adc counts]

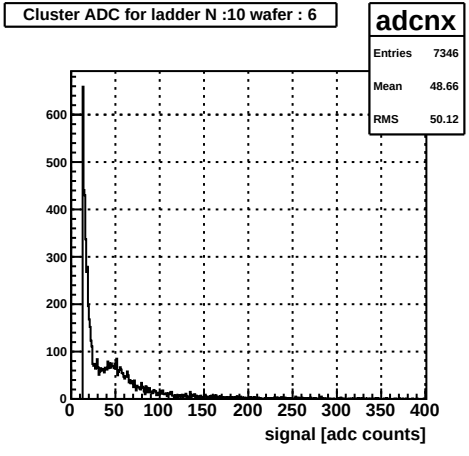

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 4774
Mean 64.79
RMS 58.18
signal [adc counts]

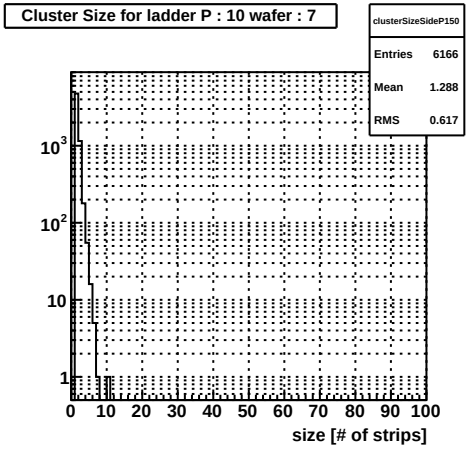

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 7869
Mean 1.216
RMS 0.5429
size [# of strips]

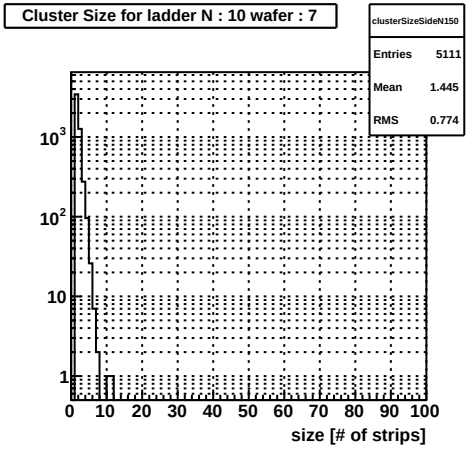

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 7346
Mean 1.374
RMS 0.7373
size [# of strips]

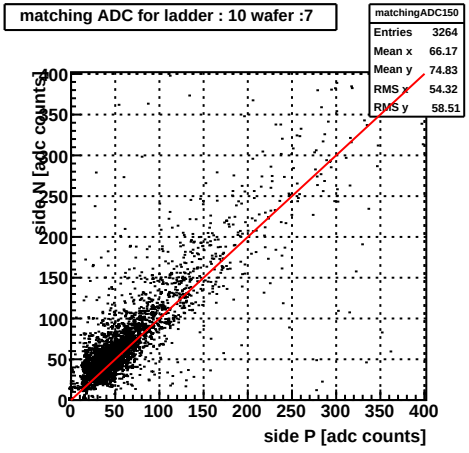

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 3681
Mean x 63.45
Mean y 60.79
RMS x 54.35
RMS y 53.19
side N [adc counts]
side P [adc counts]

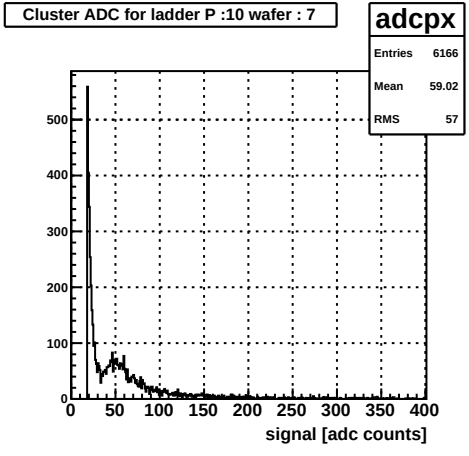

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 7869
Mean 47.63
RMS 50.59
signal [adc counts]

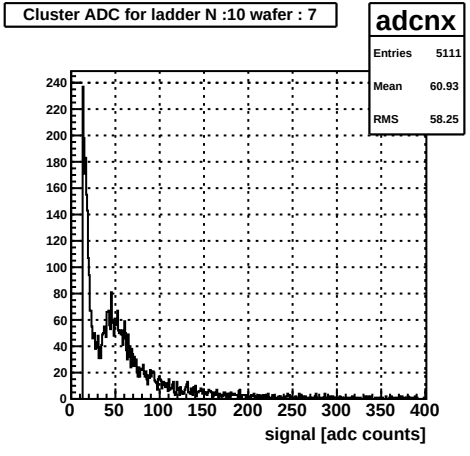

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 7346
Mean 48.66
RMS 50.12
signal [adc counts]

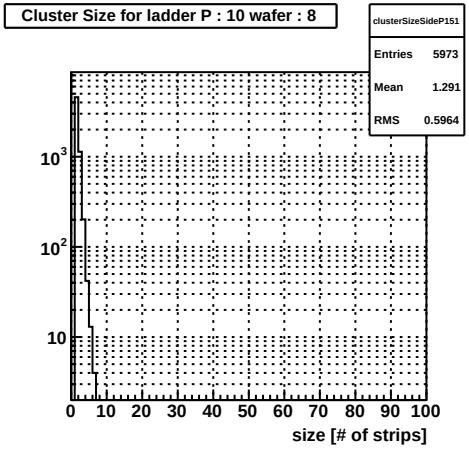

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6166
Mean 1.288
RMS 0.617
size [# of strips]

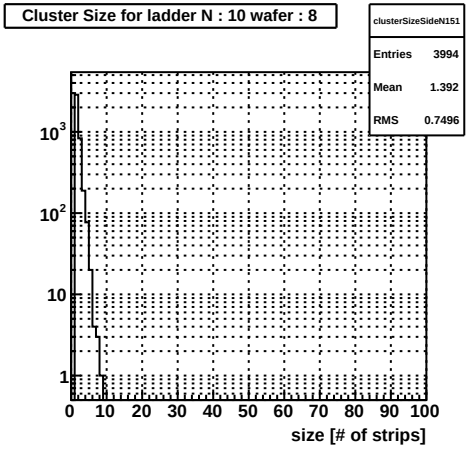

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5111
Mean 1.445
RMS 0.774
size [# of strips]

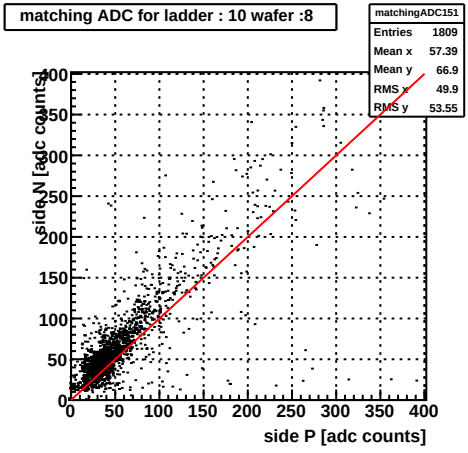

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 3264
Mean x 66.17
Mean y 74.83
RMS x 54.32
RMS y 58.51
side N [adc counts]
side P [adc counts]

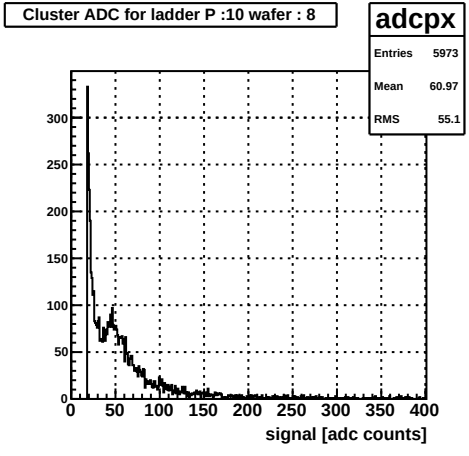

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6166
Mean 59.02
RMS 57
signal [adc counts]

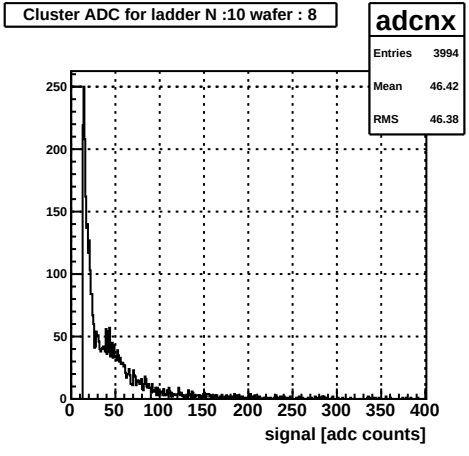

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5111
Mean 60.93
RMS 58.25
signal [adc counts]

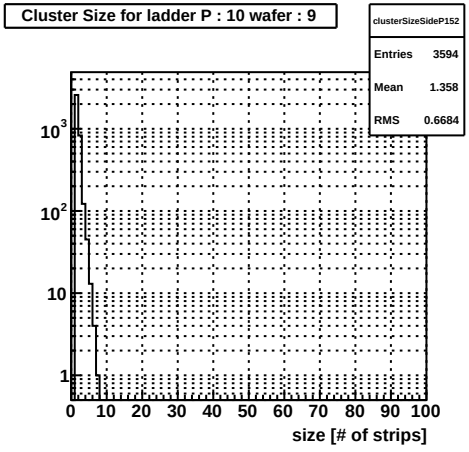

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 5973
Mean 1.291
RMS 0.5964
size [# of strips]

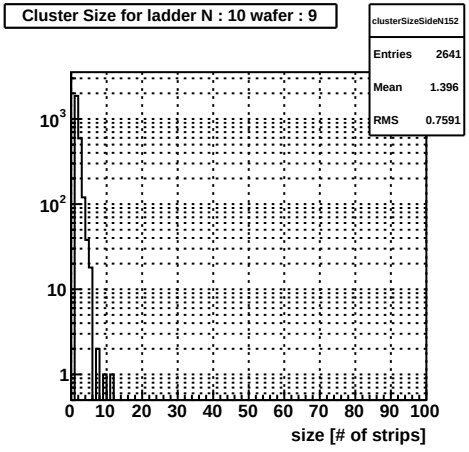

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3994
Mean 1.392
RMS 0.7496
size [# of strips]

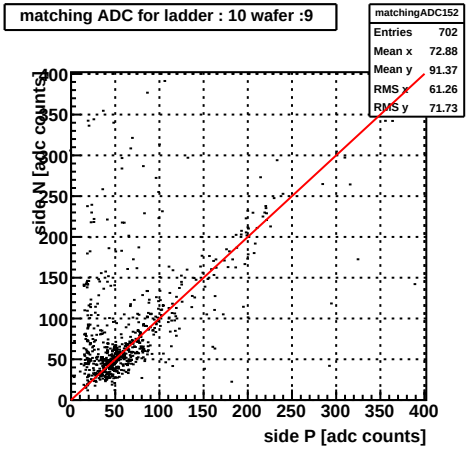

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1809
Mean x 57.39
Mean y 66.9
RMS x 49.9
RMS y 53.55
side N [adc counts]
side P [adc counts]

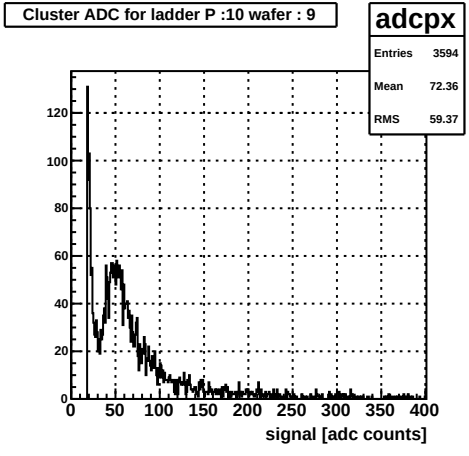

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 5973
Mean 60.97
RMS 55.1
signal [adc counts]

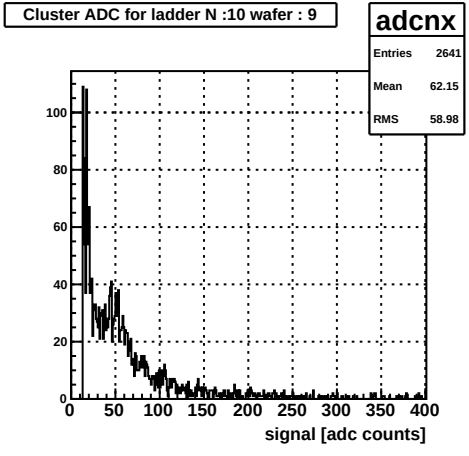

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3994
Mean 46.42
RMS 46.38
signal [adc counts]

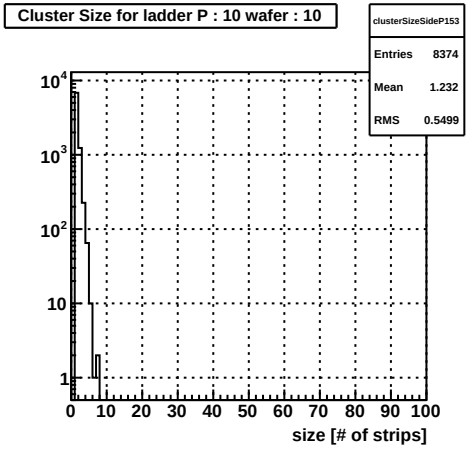

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3594
Mean 1.358
RMS 0.6684
size [# of strips]

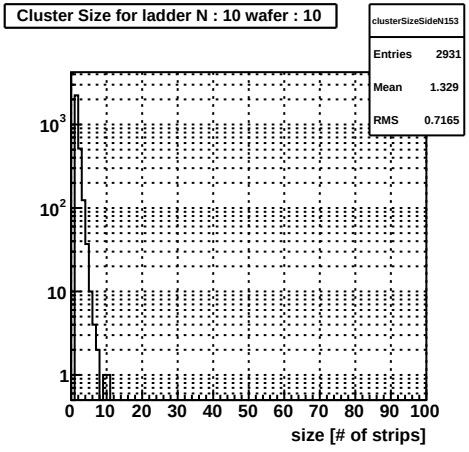

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 2641
Mean 1.396
RMS 0.7591
size [# of strips]

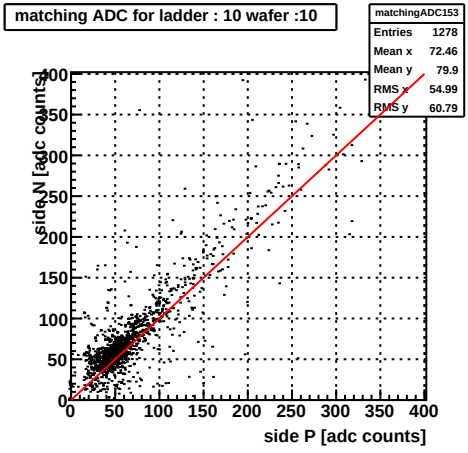

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 702
Mean x 72.88
Mean y 91.37
RMS x 61.26
RMS y 71.73
side N [adc counts]
side P [adc counts]

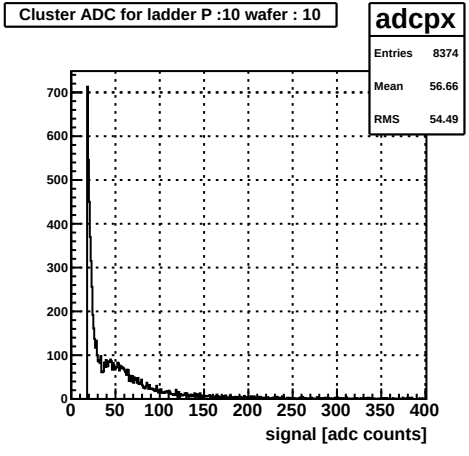

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3594
Mean 72.36
RMS 59.37
signal [adc counts]

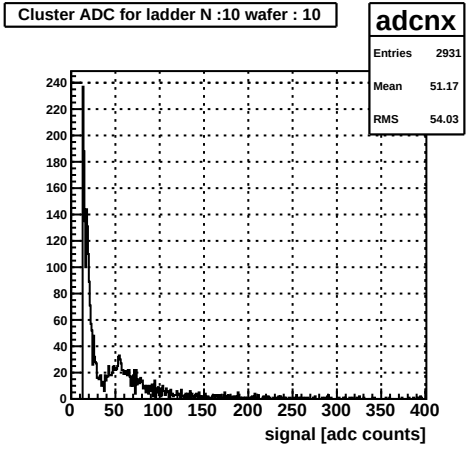

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 2641
Mean 62.15
RMS 58.98
signal [adc counts]

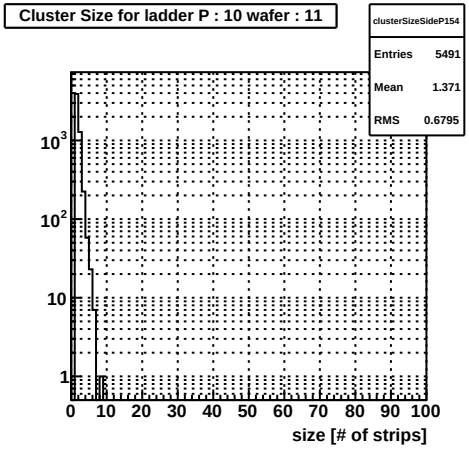

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8374
Mean 1.232
RMS 0.5499
size [# of strips]

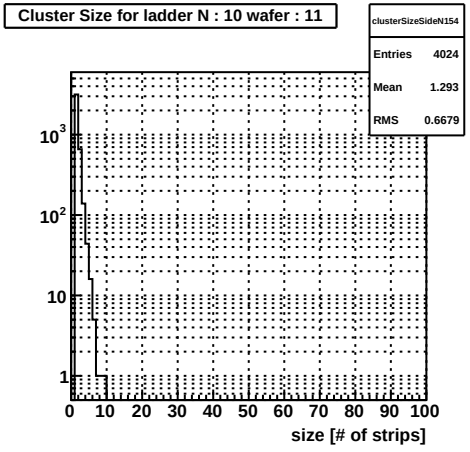

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2931
Mean 1.329
RMS 0.7165
size [# of strips]

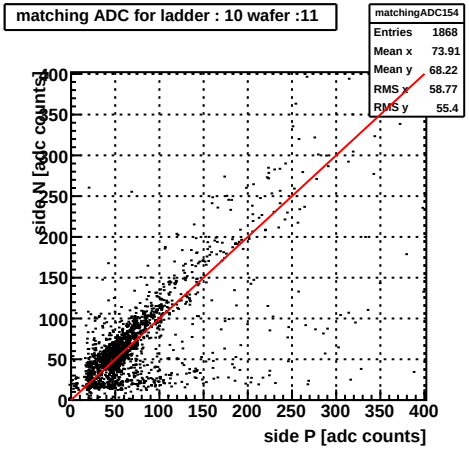

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 1278
Mean x 72.46
Mean y 79.9
RMS x 54.99
RMS y 60.79
side N [adc counts]
side P [adc counts]

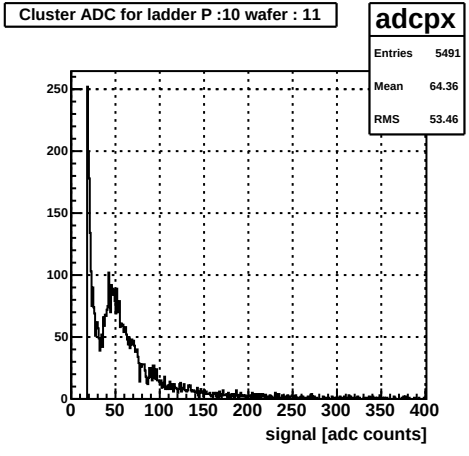

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8374
Mean 56.66
RMS 54.49
signal [adc counts]

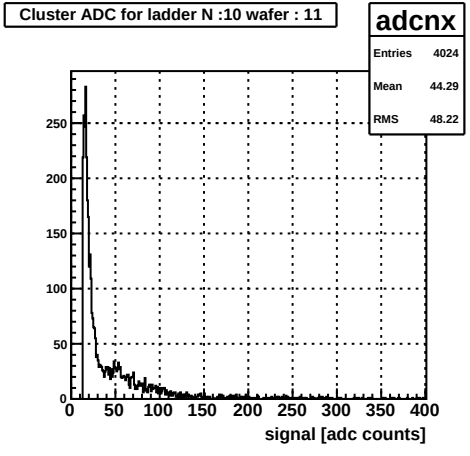

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2931
Mean 51.17
RMS 54.03
signal [adc counts]

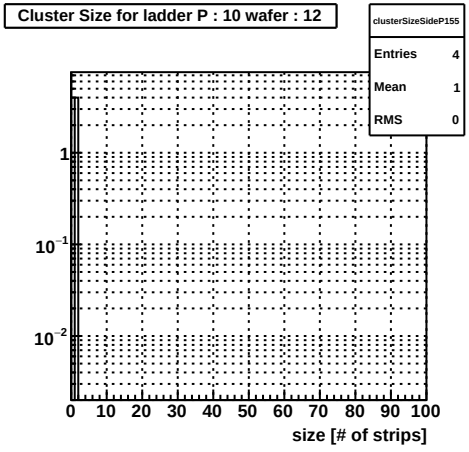

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5491
Mean 1.371
RMS 0.6795
size [# of strips]

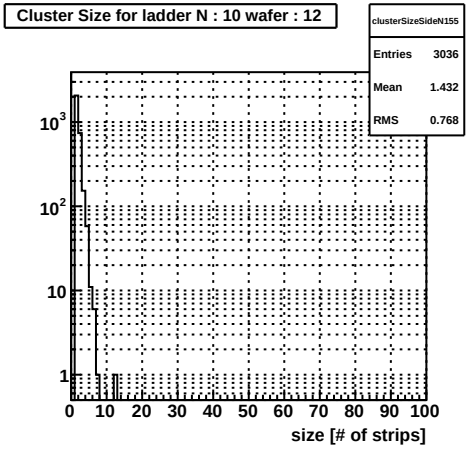

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4024
Mean 1.293
RMS 0.6679
size [# of strips]

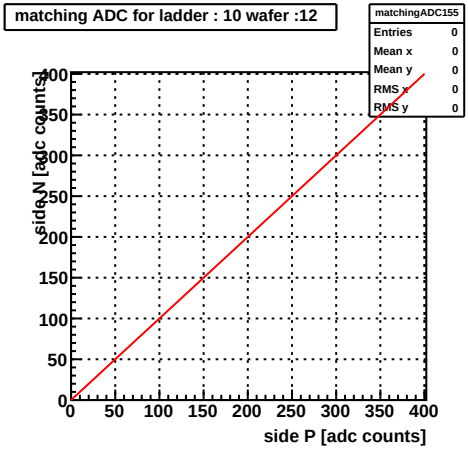

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1868
Mean x 73.91
Mean y 68.22
RMS x 58.77
RMS y 55.4
side N [adc counts]
side P [adc counts]

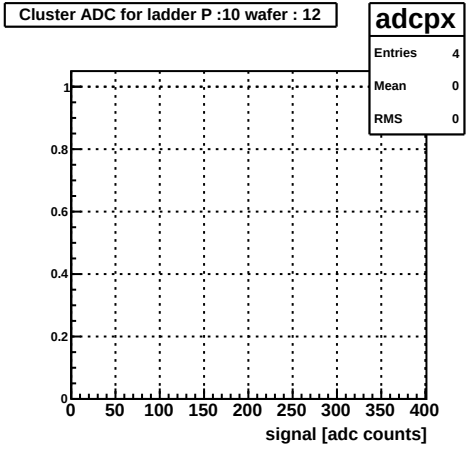

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5491
Mean 64.36
RMS 53.46
signal [adc counts]

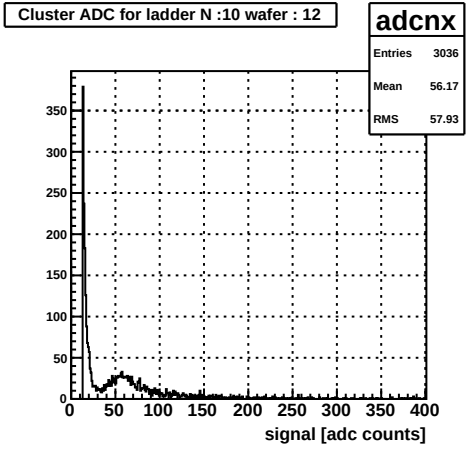

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4024
Mean 44.29
RMS 48.22
signal [adc counts]

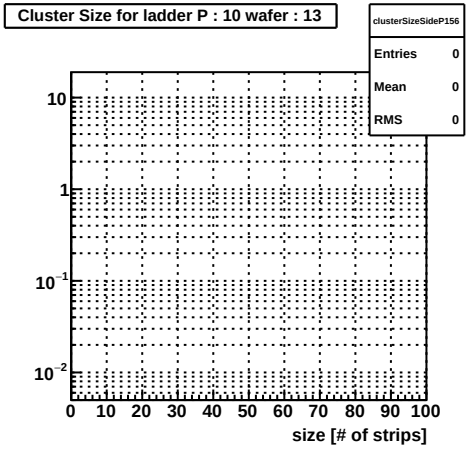

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 4
Mean 1
RMS 0
size [# of strips]

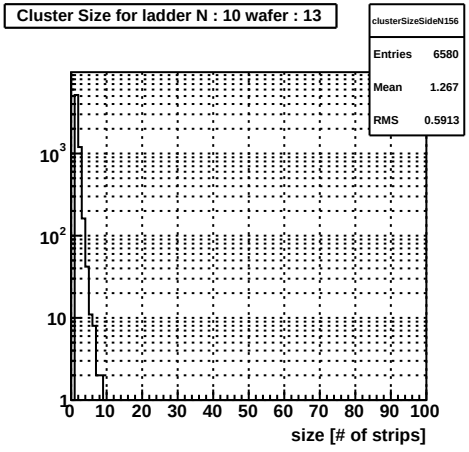

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3036
Mean 1.432
RMS 0.768
size [# of strips]

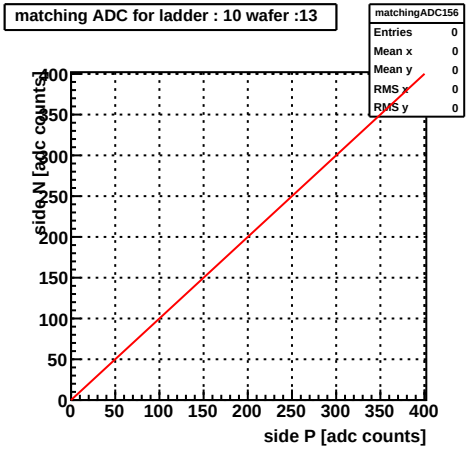

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

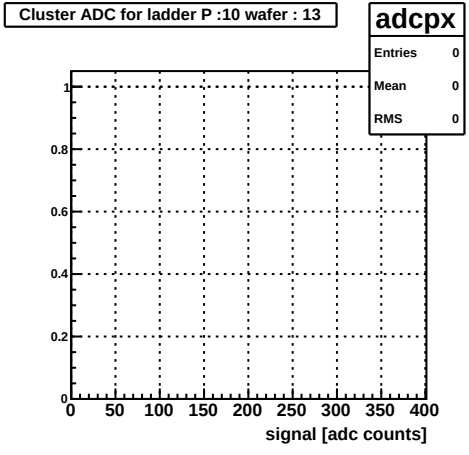

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

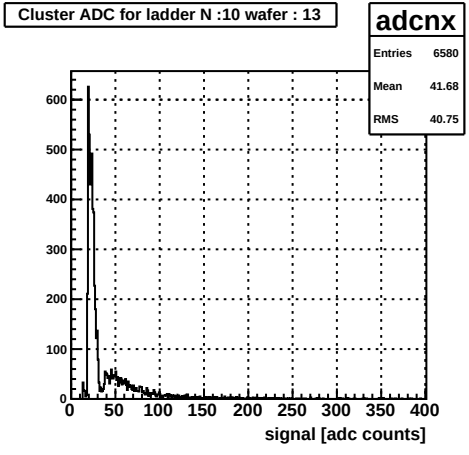

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3036
Mean 56.17
RMS 57.93
signal [adc counts]

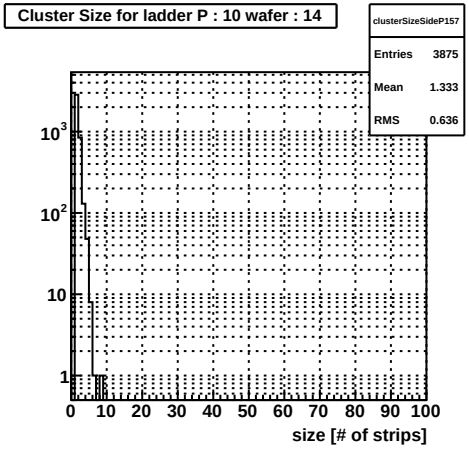

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

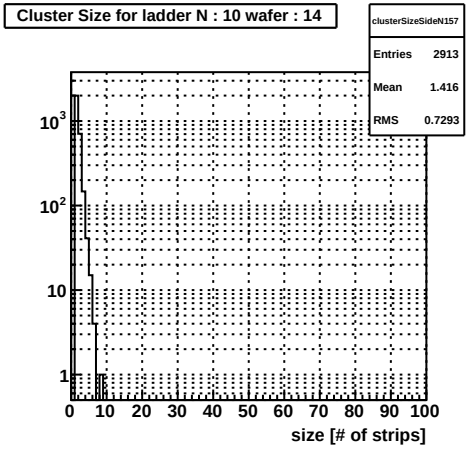

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6580
Mean 1.267
RMS 0.5913
size [# of strips]

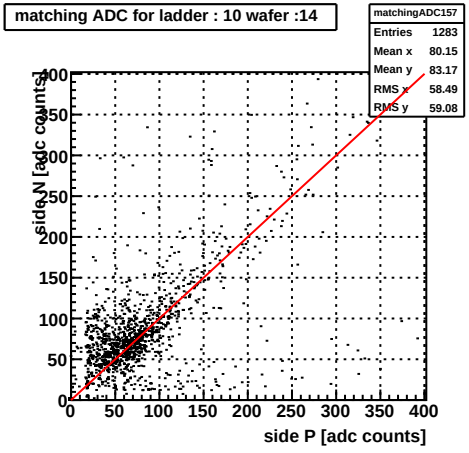

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

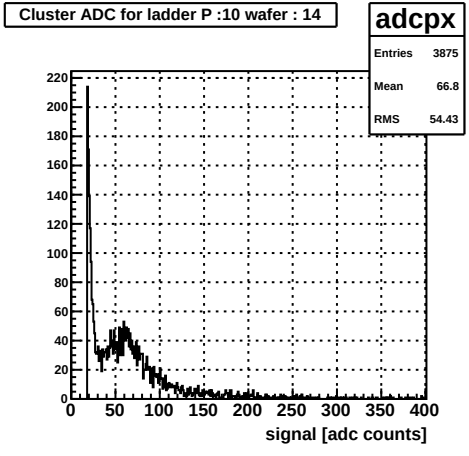

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

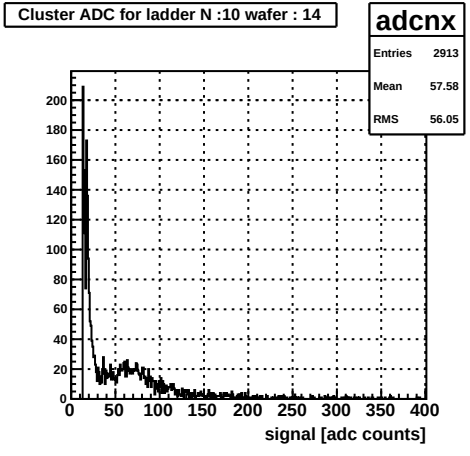

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6580
Mean 41.68
RMS 40.75
signal [adc counts]

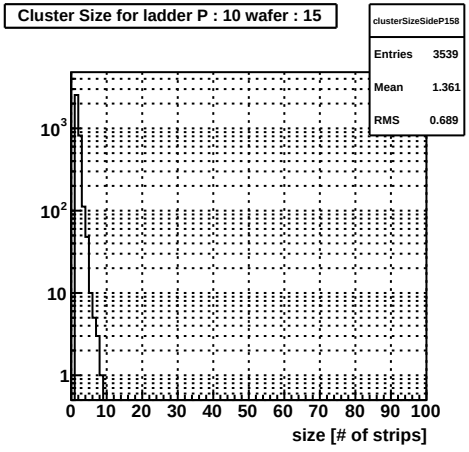

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 3875
Mean 1.333
RMS 0.636
size [# of strips]

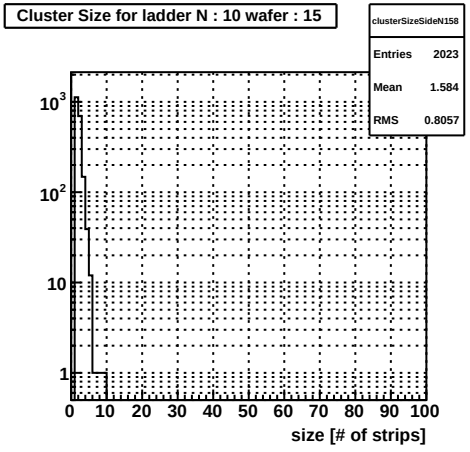

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2913
Mean 1.416
RMS 0.7293
size [# of strips]

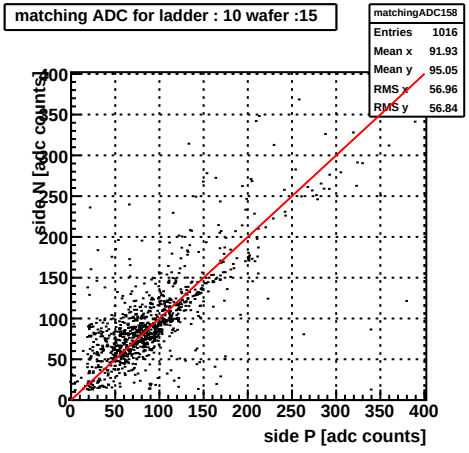

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 1283
Mean x 80.15
Mean y 83.17
RMS x 58.49
RMS y 59.08
side N [adc counts]
side P [adc counts]

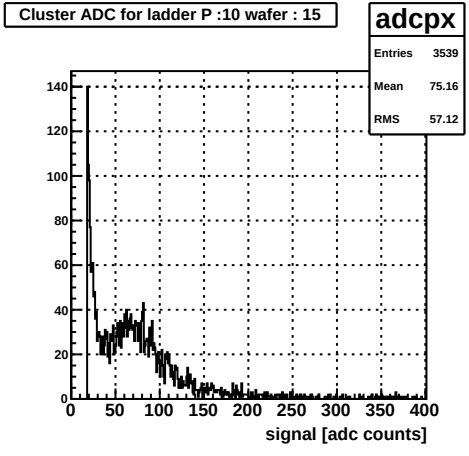

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 3875
Mean 66.8
RMS 54.43
signal [adc counts]

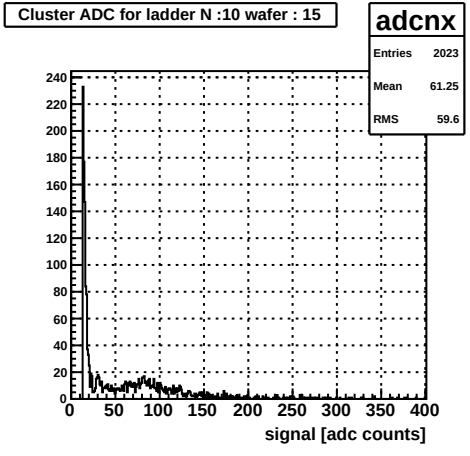

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2913
Mean 57.58
RMS 56.05
signal [adc counts]

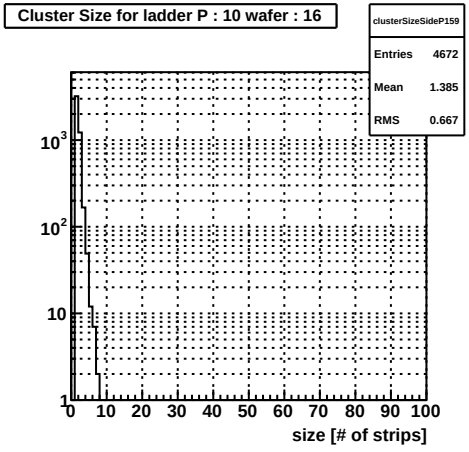

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3539
Mean 1.361
RMS 0.689
size [# of strips]

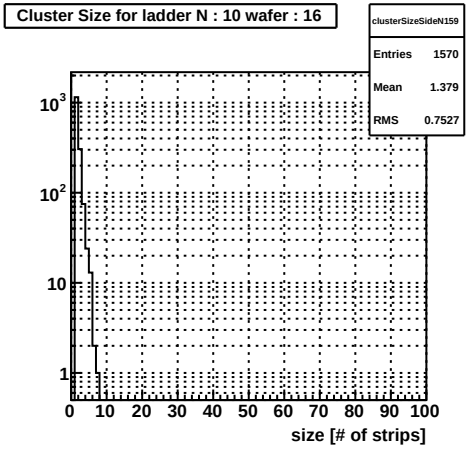

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 2023
Mean 1.584
RMS 0.8057
size [# of strips]

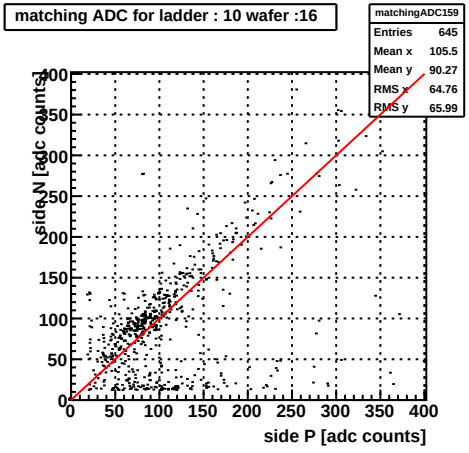

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1016
Mean x 91.93
Mean y 95.05
RMS x 56.96
RMS y 56.84
side N [adc counts]
side P [adc counts]

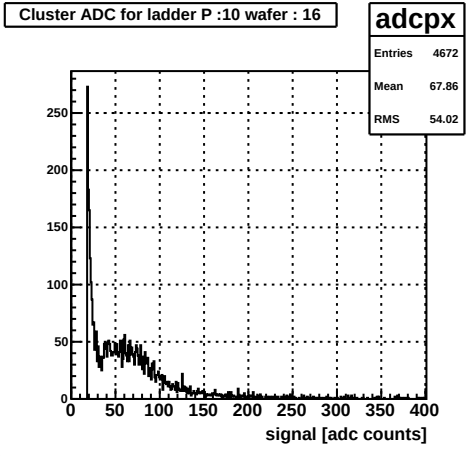

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3539
Mean 75.16
RMS 57.12
signal [adc counts]

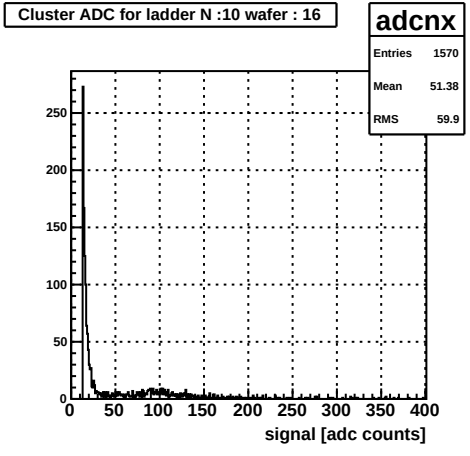

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 2023
Mean 61.25
RMS 59.6
signal [adc counts]

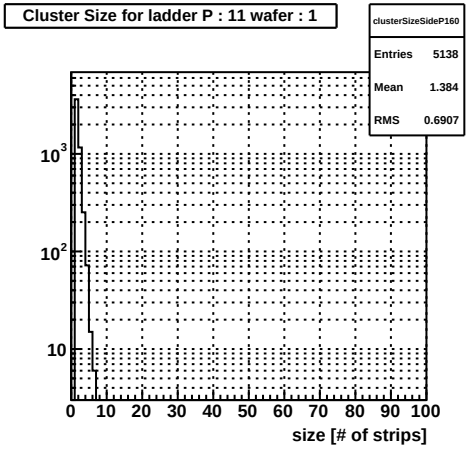

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 4672
Mean 1.385
RMS 0.667
size [# of strips]

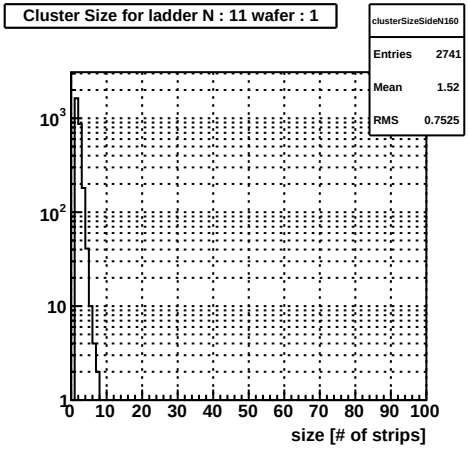

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1570
Mean 1.379
RMS 0.7527
size [# of strips]

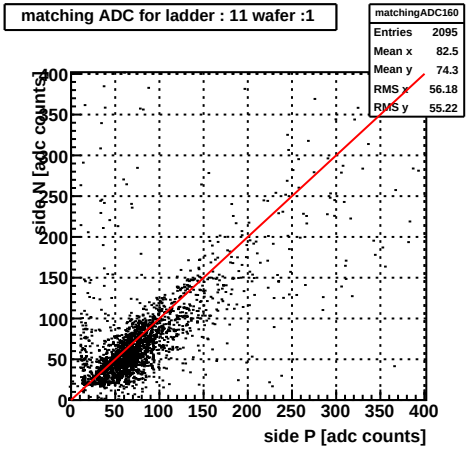

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 645
Mean x 105.5
Mean y 90.27
RMS x 64.76
RMS y 65.99
side N [adc counts]
side P [adc counts]

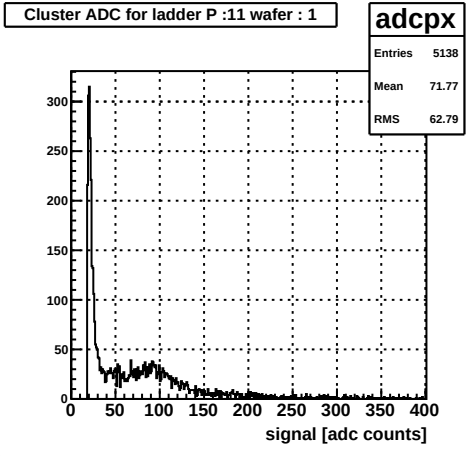

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 4672
Mean 67.86
RMS 54.02
signal [adc counts]

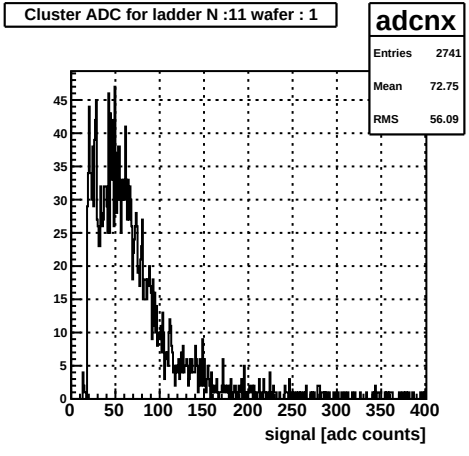

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1570
Mean 51.38
RMS 59.9
signal [adc counts]

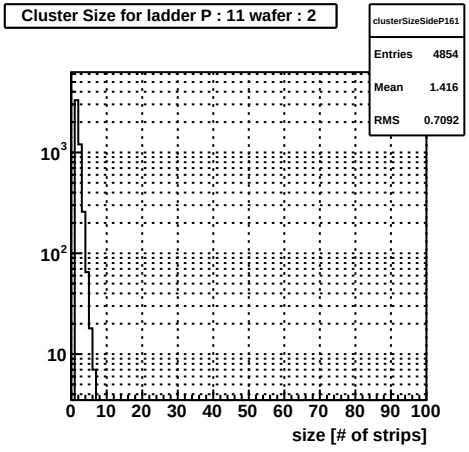

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5138
Mean 1.384
RMS 0.6907
size [# of strips]

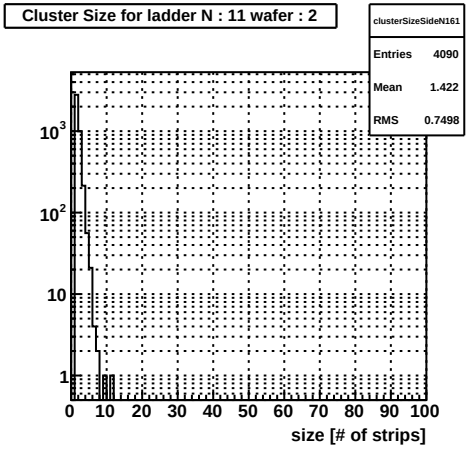

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2741
Mean 1.52
RMS 0.7525
size [# of strips]

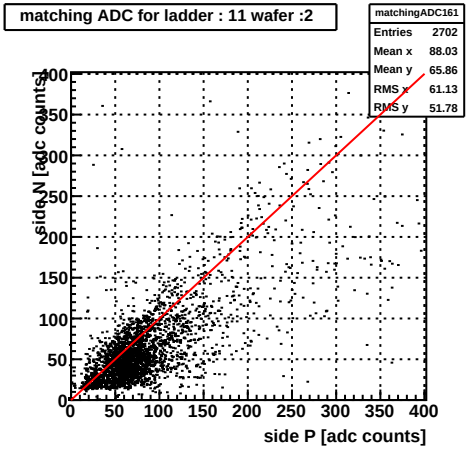

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 2095
Mean x 82.5
Mean y 74.3
RMS x 56.18
RMS y 55.22
side N [adc counts]
side P [adc counts]

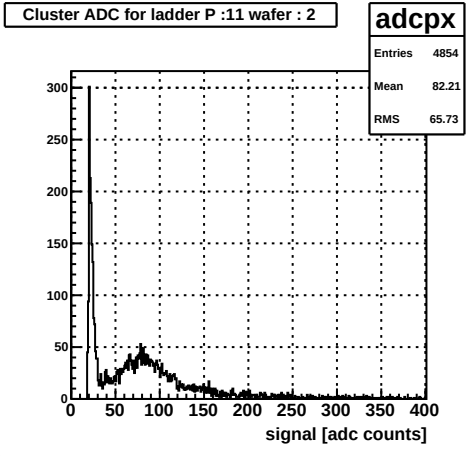

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5138
Mean 71.77
RMS 62.79
signal [adc counts]

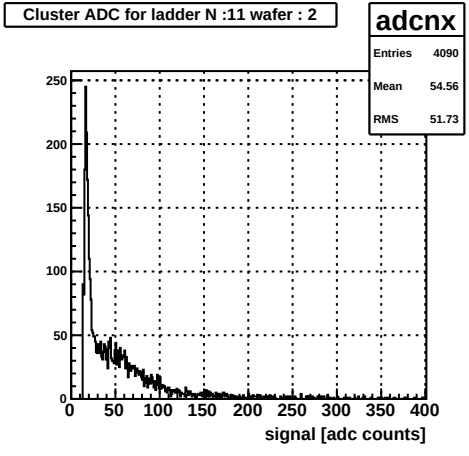

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2741
Mean 72.75
RMS 56.09
signal [adc counts]

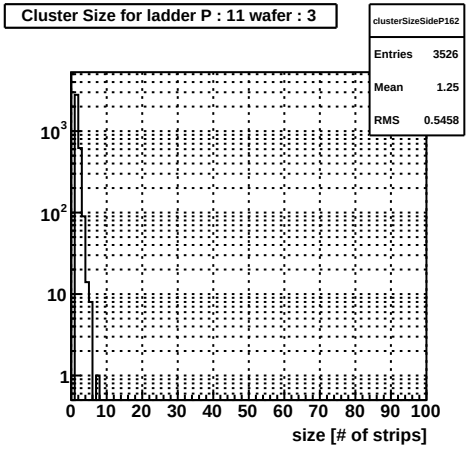

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4854
Mean 1.416
RMS 0.7092
size [# of strips]

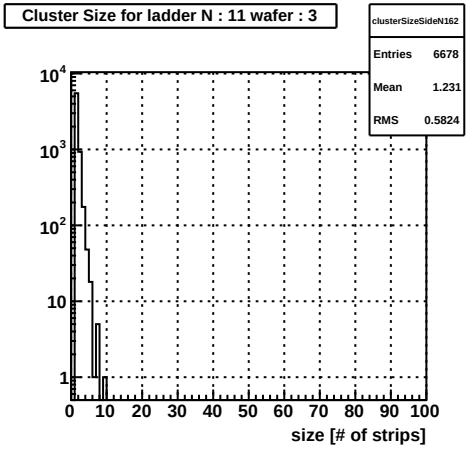

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 4090
Mean 1.422
RMS 0.7498
size [# of strips]

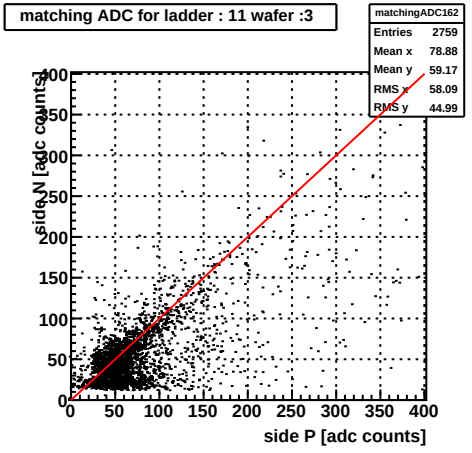

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 2702
Mean x 88.03
Mean y 65.86
RMS x 61.13
RMS y 51.78
side N [adc counts]
side P [adc counts]

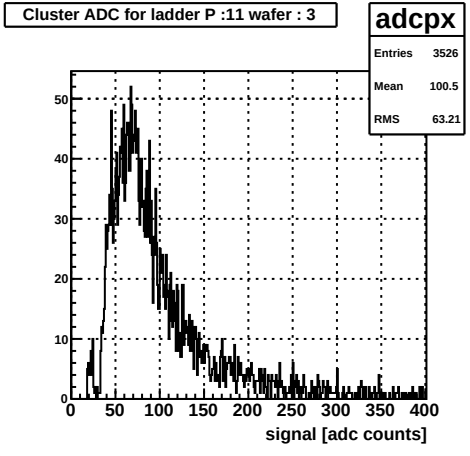

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4854
Mean 82.21
RMS 65.73
signal [adc counts]

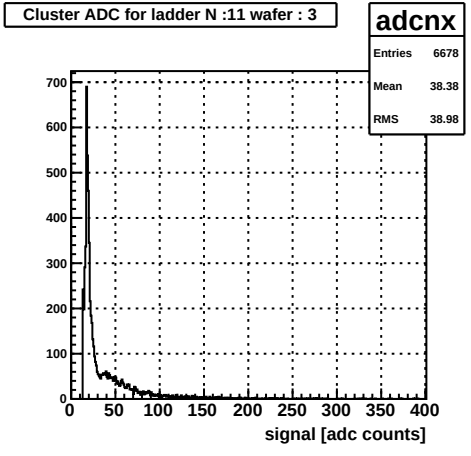

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 4090
Mean 54.56
RMS 51.73
signal [adc counts]

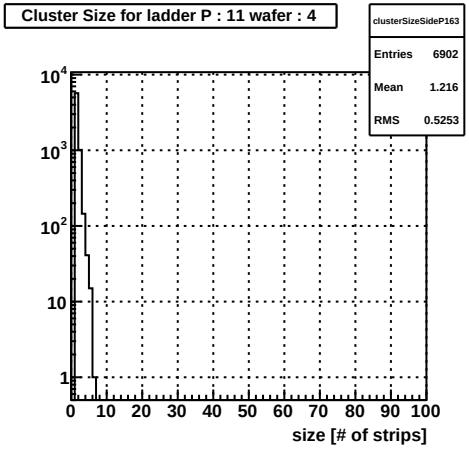

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3526
Mean 1.25
RMS 0.5458
size [# of strips]

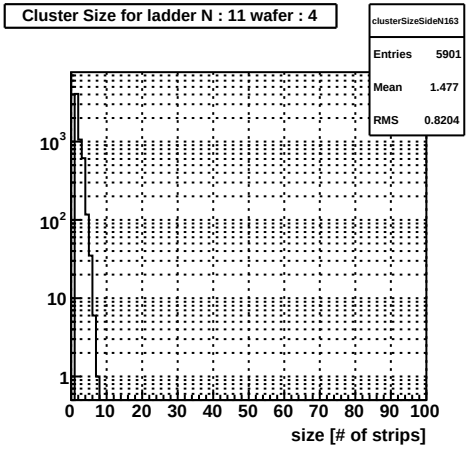

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6678
Mean 1.231
RMS 0.5824
size [# of strips]

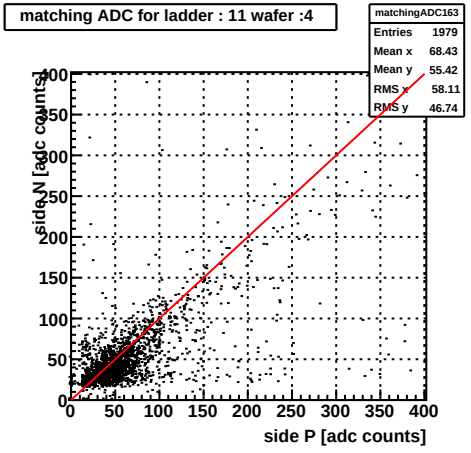

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 2759
Mean x 78.88
Mean y 59.17
RMS x 58.09
RMS y 44.99
side N [adc counts]
side P [adc counts]

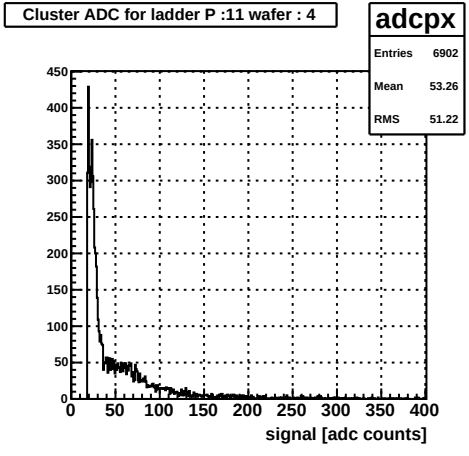

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3526
Mean 100.5
RMS 63.21
signal [adc counts]

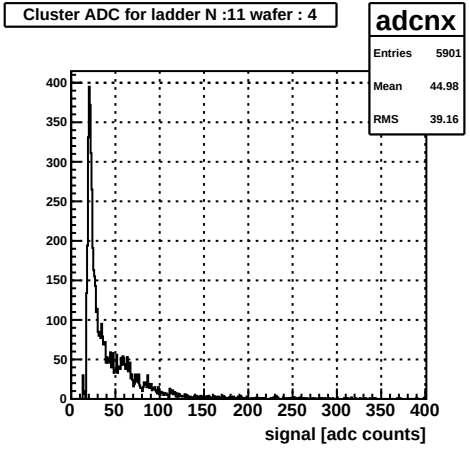

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6678
Mean 38.38
RMS 38.98
signal [adc counts]

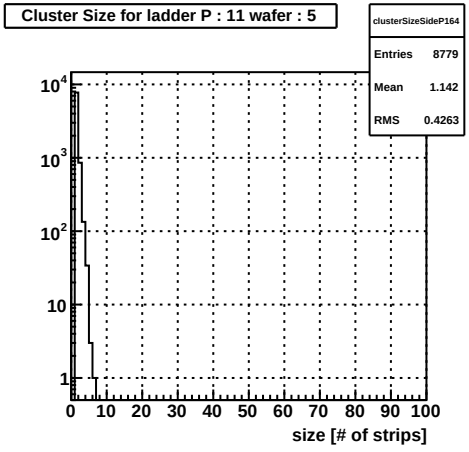

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 6902
Mean 1.216
RMS 0.5253
size [# of strips]

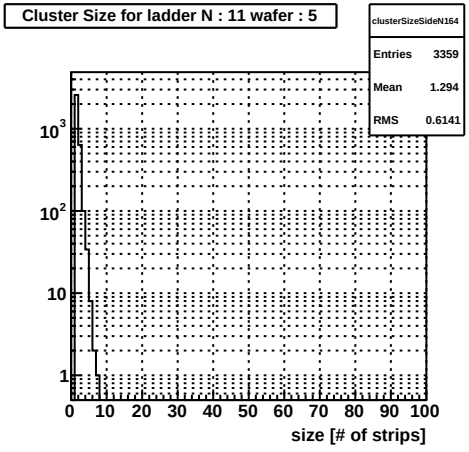

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 5901
Mean 1.477
RMS 0.8204
size [# of strips]

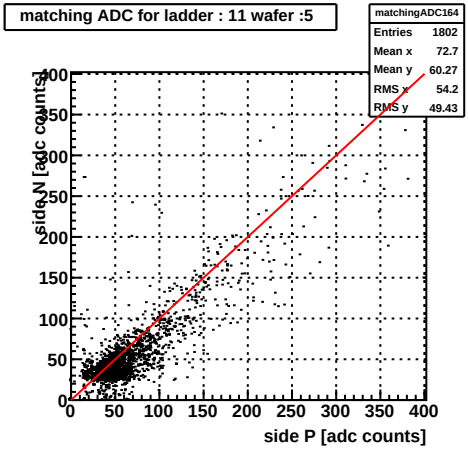

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1979
Mean x 68.43
Mean y 55.42
RMS x 58.11
RMS y 46.74
side N [adc counts]
side P [adc counts]

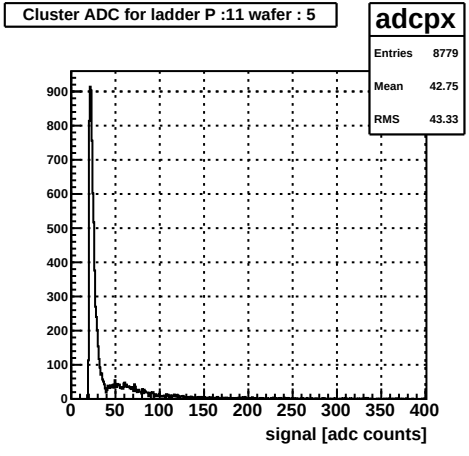

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 6902
Mean 53.26
RMS 51.22
signal [adc counts]

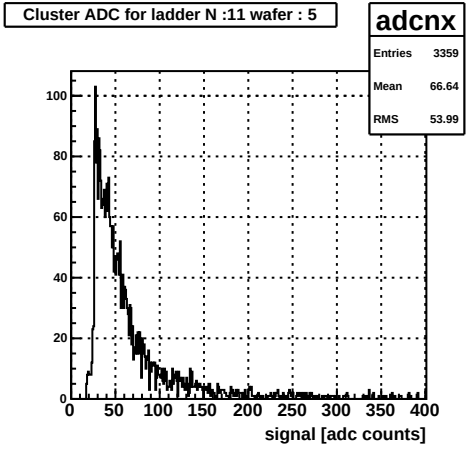

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 5901
Mean 44.98
RMS 39.16
signal [adc counts]

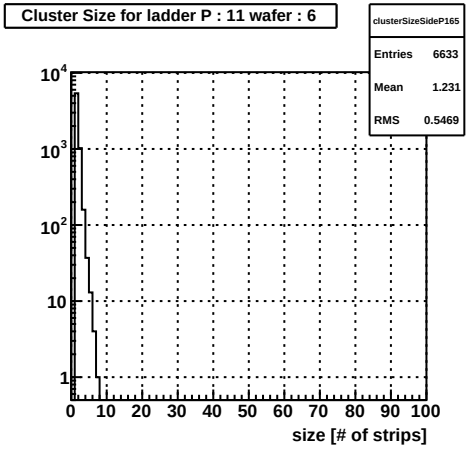

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 8779
Mean 1.142
RMS 0.4263
size [# of strips]

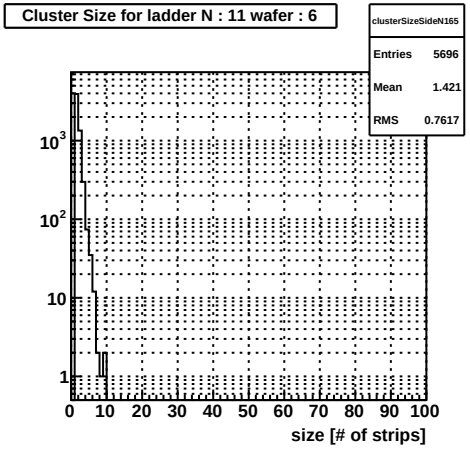

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3359
Mean 1.294
RMS 0.6141
size [# of strips]

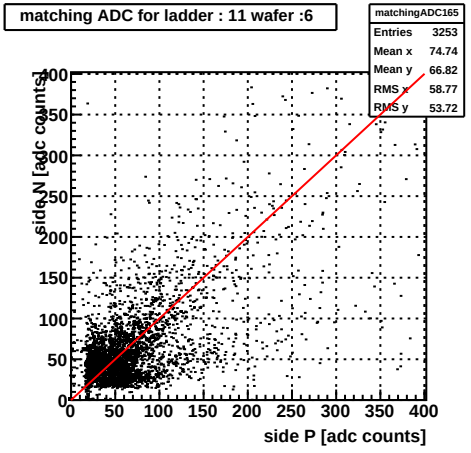

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 1802
Mean x 72.7
Mean y 60.27
RMS x 54.2
RMS y 49.43
side N [adc counts]
side P [adc counts]

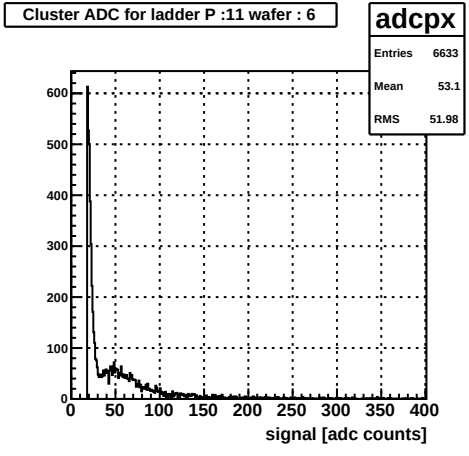

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 8779
Mean 42.75
RMS 43.33
signal [adc counts]

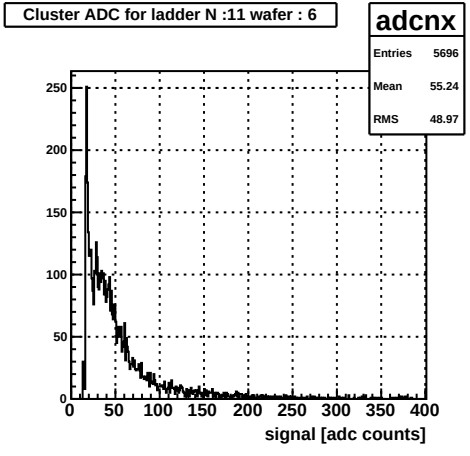

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3359
Mean 66.64
RMS 53.99
signal [adc counts]

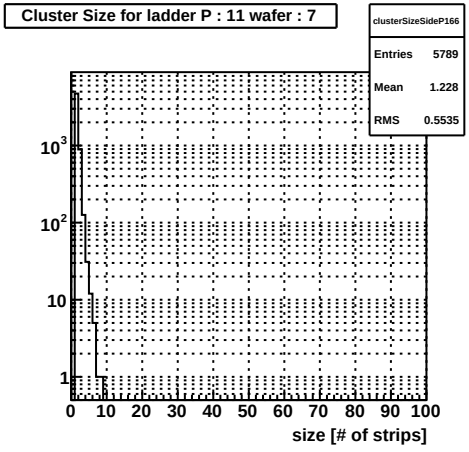

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 6633
Mean 1.231
RMS 0.5469
size [# of strips]

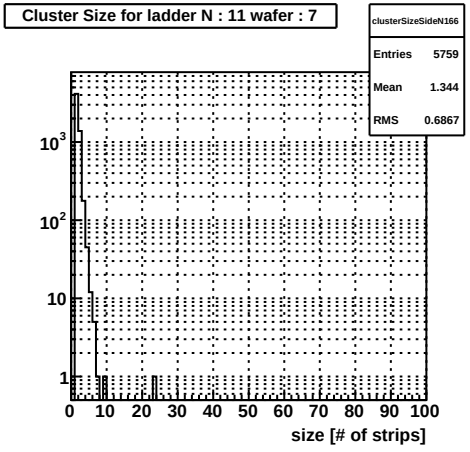

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5696
Mean 1.421
RMS 0.7617
size [# of strips]

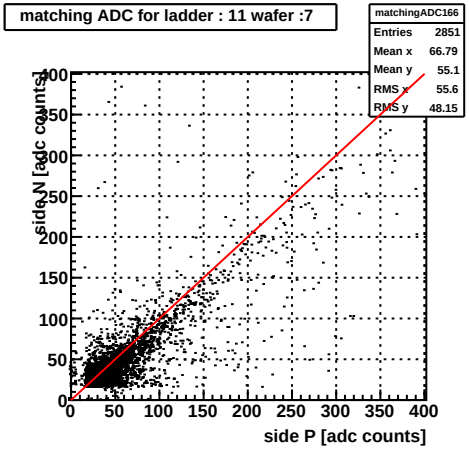

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 3253
Mean x 74.74
Mean y 66.82
RMS x 58.77
RMS y 53.72
side N [adc counts]
side P [adc counts]

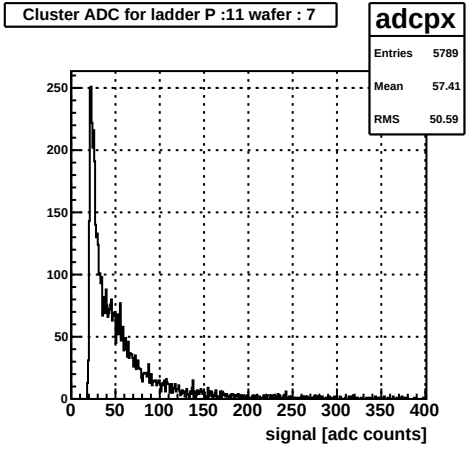

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 6633
Mean 53.1
RMS 51.98
signal [adc counts]

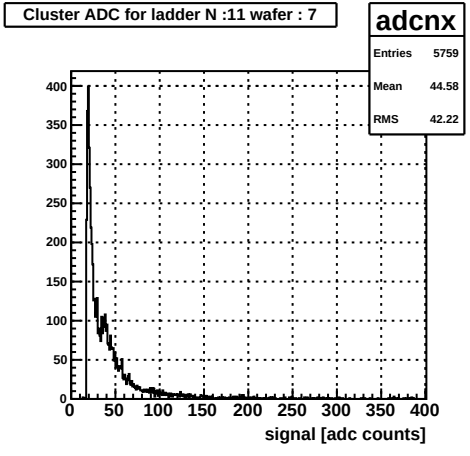

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5696
Mean 55.24
RMS 48.97
signal [adc counts]

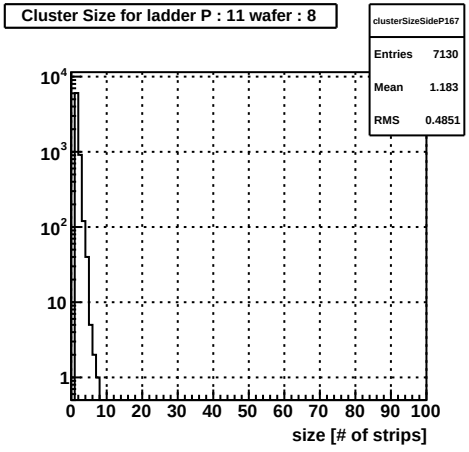

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5789
Mean 1.228
RMS 0.5535
size [# of strips]

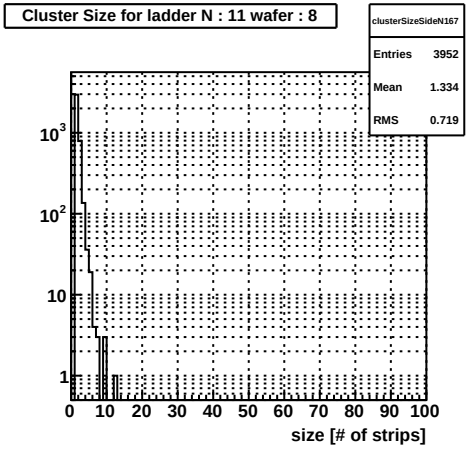

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 5759
Mean 1.344
RMS 0.6867
size [# of strips]

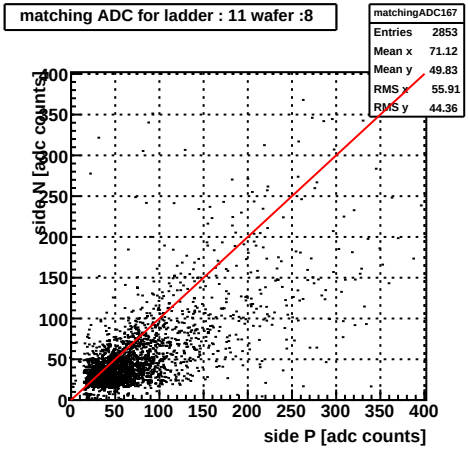

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 2851
Mean x 66.79
Mean y 55.1
RMS x 55.6
RMS y 48.15
side N [adc counts]
side P [adc counts]

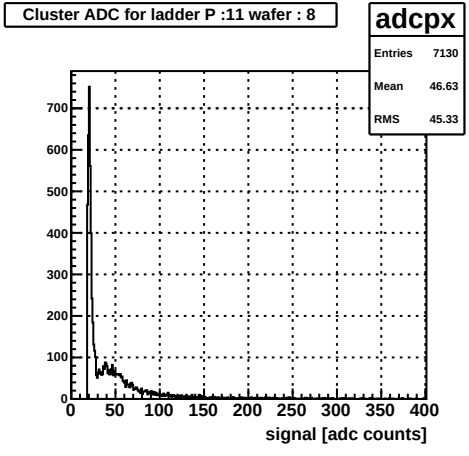

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5789
Mean 57.41
RMS 50.59
signal [adc counts]

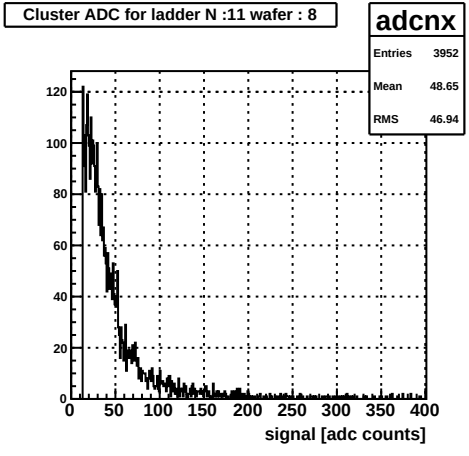

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 5759
Mean 44.58
RMS 42.22
signal [adc counts]

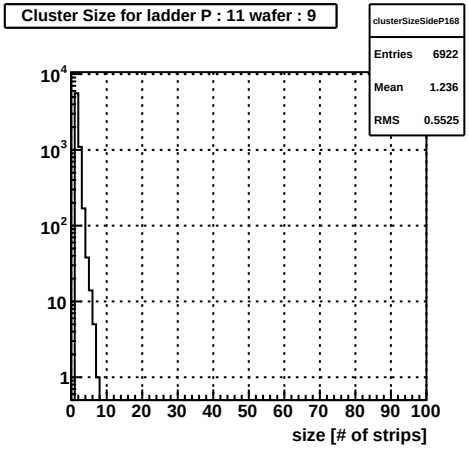

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7130
Mean 1.183
RMS 0.4851
size [# of strips]

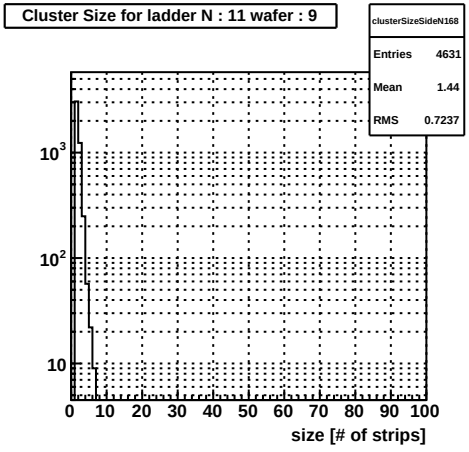

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3952
Mean 1.334
RMS 0.719
size [# of strips]

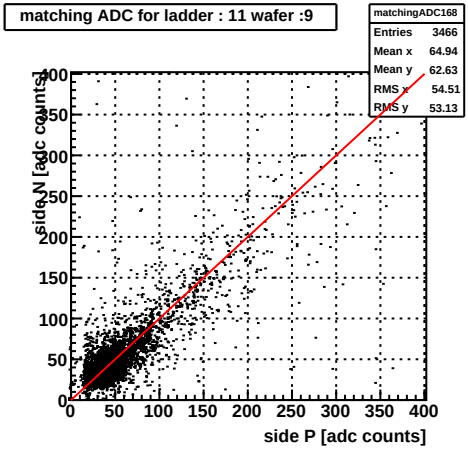

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 2853
Mean x 71.12
Mean y 49.83
RMS x 55.91
RMS y 44.36
side N [adc counts]
side P [adc counts]

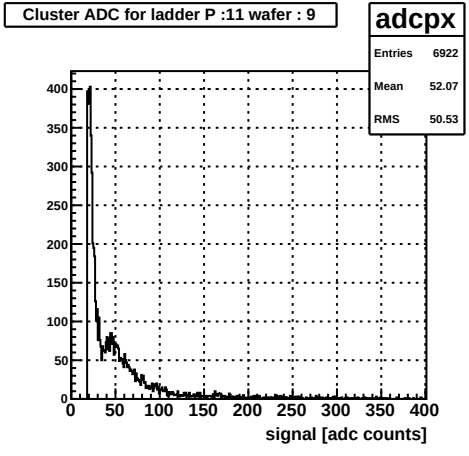

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7130
Mean 46.63
RMS 45.33
signal [adc counts]

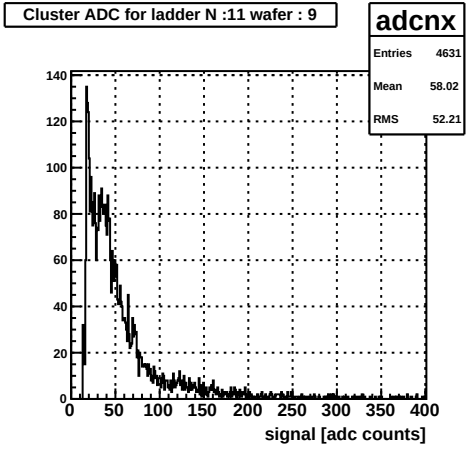

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3952
Mean 48.65
RMS 46.94
signal [adc counts]

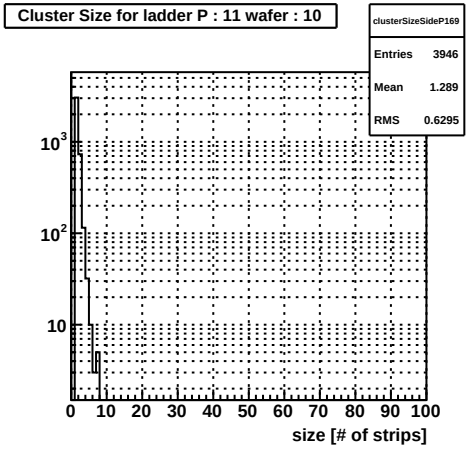

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6922
Mean 1.236
RMS 0.5525
size [# of strips]

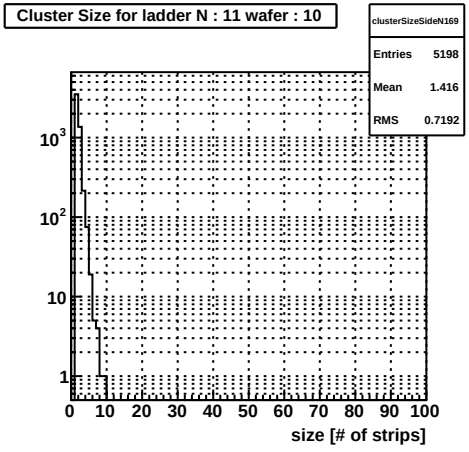

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 4631
Mean 1.44
RMS 0.7237
size [# of strips]

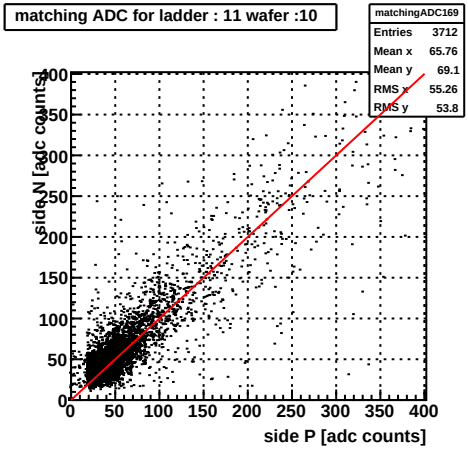

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 3466
Mean x 64.94
Mean y 62.63
RMS x 54.51
RMS y 53.13
side N [adc counts]
side P [adc counts]

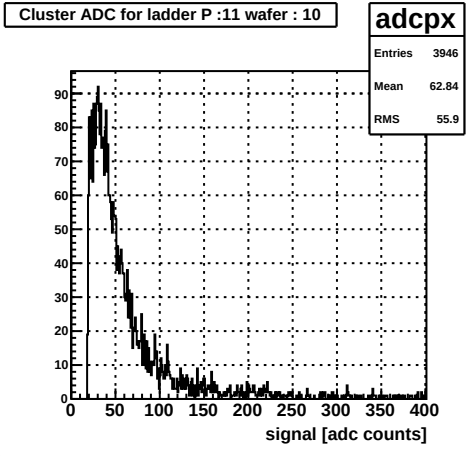

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6922
Mean 52.07
RMS 50.53
signal [adc counts]

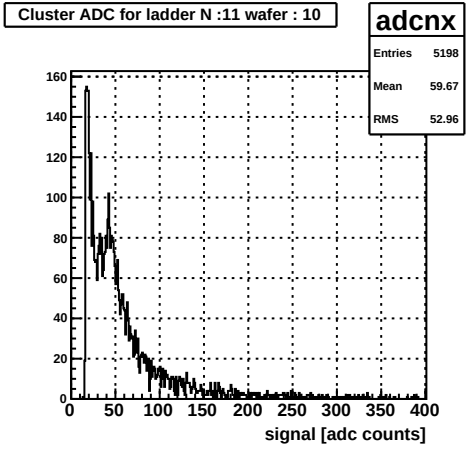

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 4631
Mean 58.02
RMS 52.21
signal [adc counts]

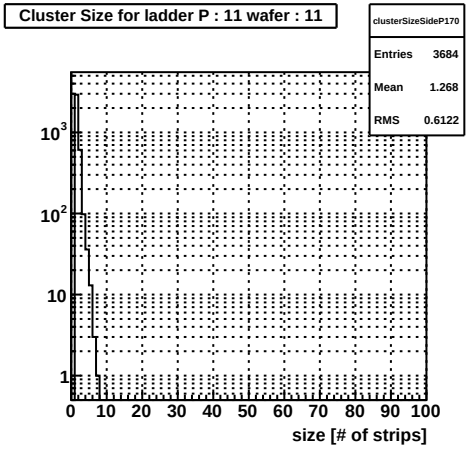

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 3946
Mean 1.289
RMS 0.6295
size [# of strips]

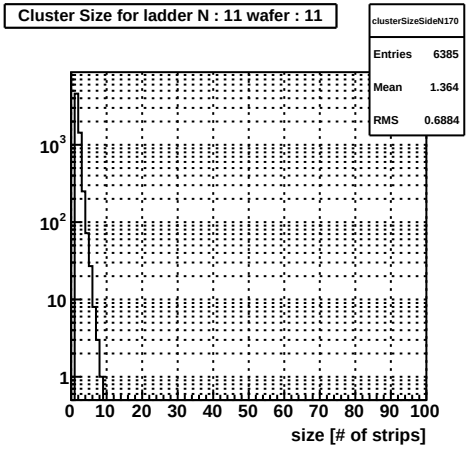

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 5198
Mean 1.416
RMS 0.7192
size [# of strips]

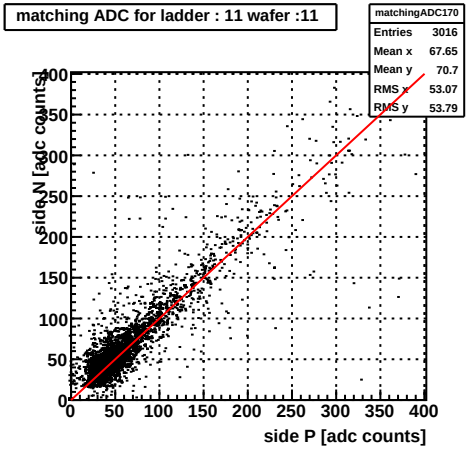

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 3712
Mean x 65.76
Mean y 69.1
RMS x 55.26
RMS y 53.8
side N [adc counts]
side P [adc counts]

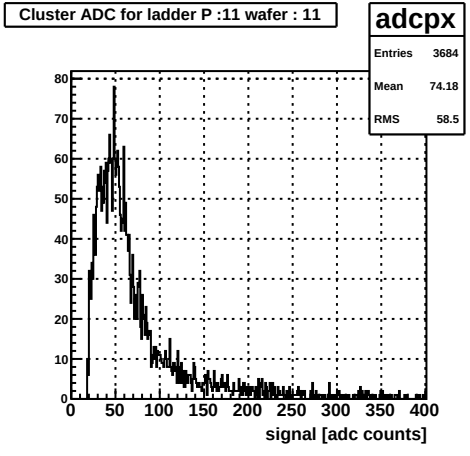

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 3946
Mean 62.84
RMS 55.9
signal [adc counts]

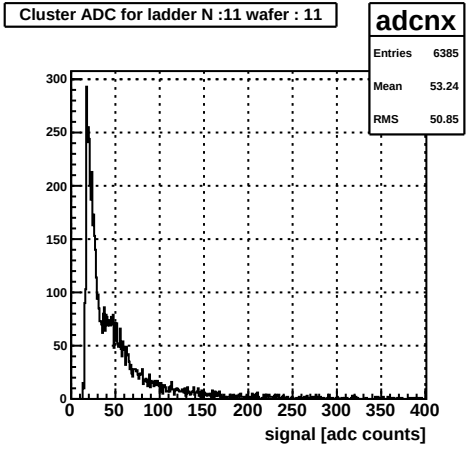

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 5198
Mean 59.67
RMS 52.96
signal [adc counts]

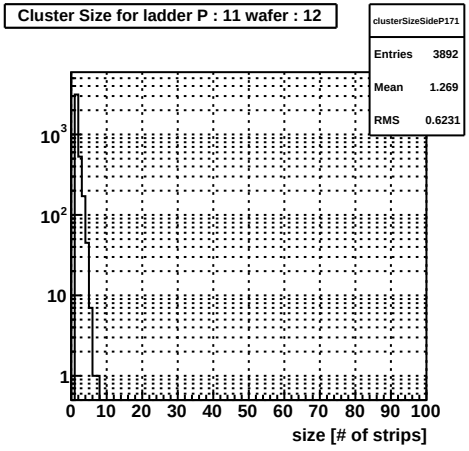

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 3684
Mean 1.268
RMS 0.6122
size [# of strips]

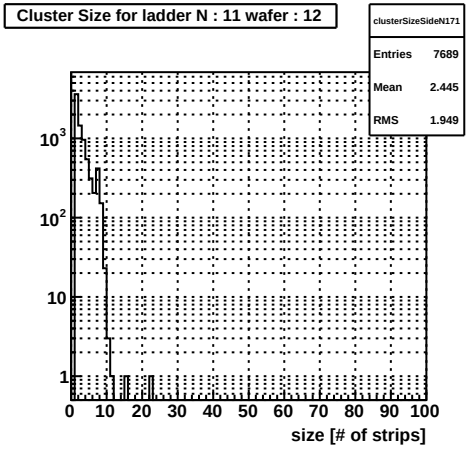

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6385
Mean 1.364
RMS 0.6884
size [# of strips]

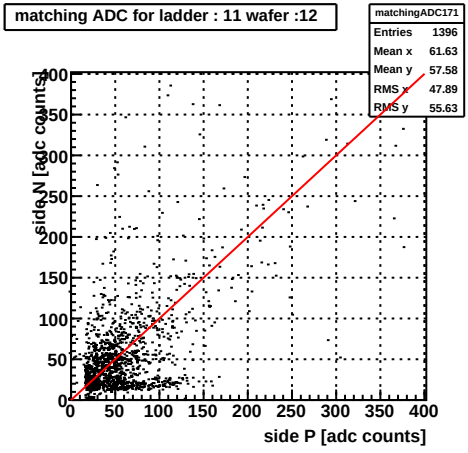

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 3016
Mean x 67.65
Mean y 70.7
RMS x 53.07
RMS y 53.79
side N [adc counts]
side P [adc counts]

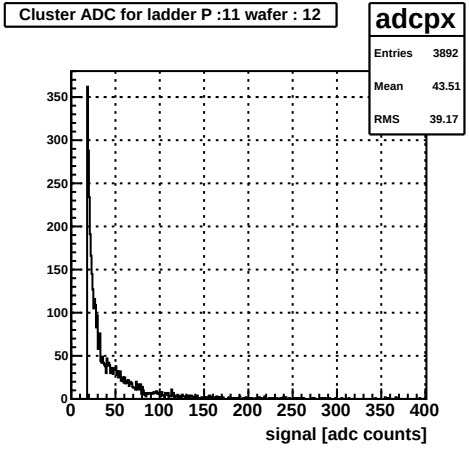

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 3684
Mean 74.18
RMS 58.5
signal [adc counts]

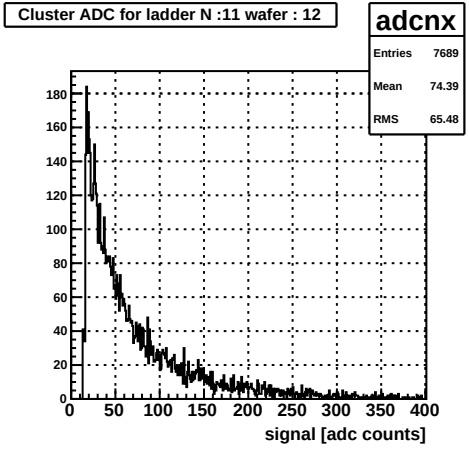

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6385
Mean 53.24
RMS 50.85
signal [adc counts]

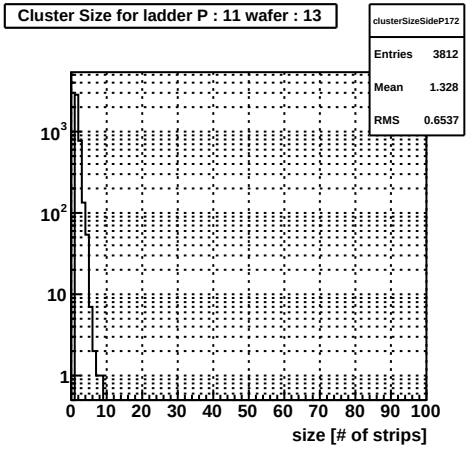

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 3892
Mean 1.269
RMS 0.6231
size [# of strips]

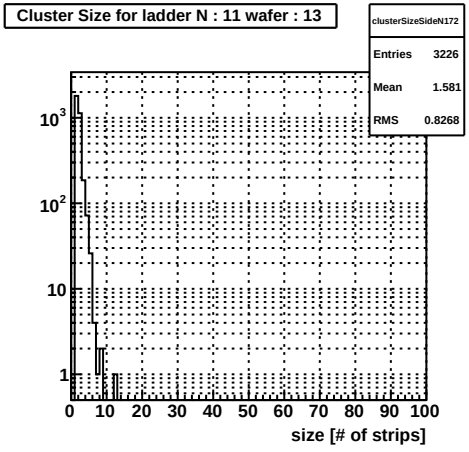

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7689
Mean 2.445
RMS 1.949
size [# of strips]

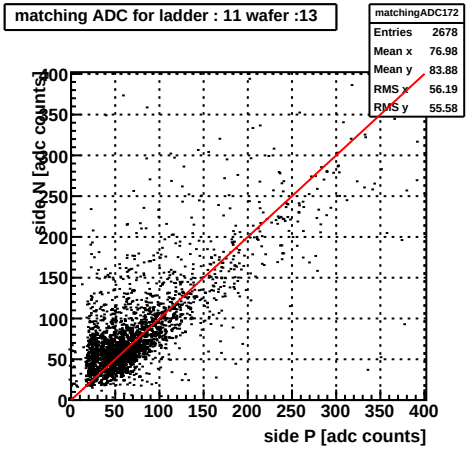

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1396
Mean x 61.63
Mean y 57.58
RMS x 47.89
RMS y 55.63
side N [adc counts]
side P [adc counts]

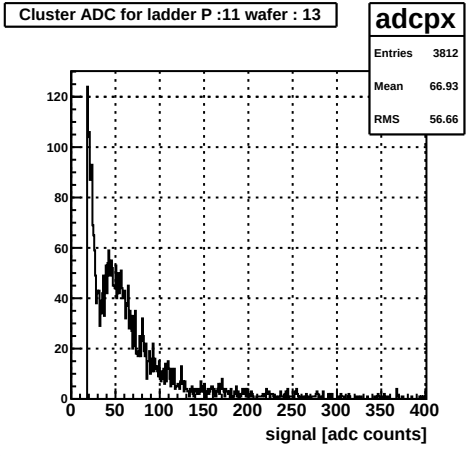

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 3892
Mean 43.51
RMS 39.17
signal [adc counts]

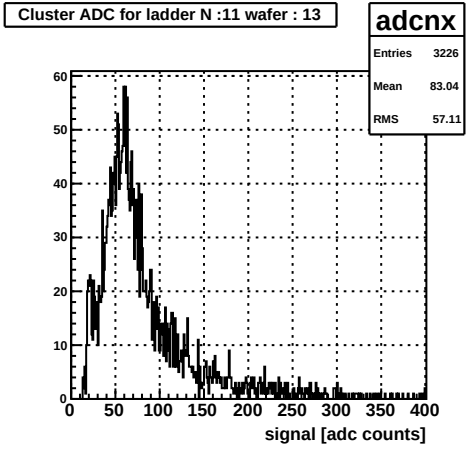

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7689
Mean 74.39
RMS 65.48
signal [adc counts]

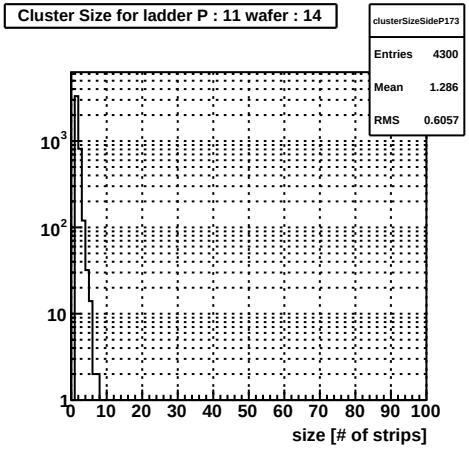

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 3812
Mean 1.328
RMS 0.6537
size [# of strips]

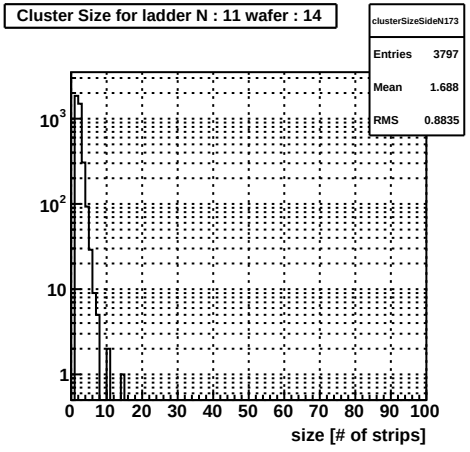

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 3226
Mean 1.581
RMS 0.8268
size [# of strips]

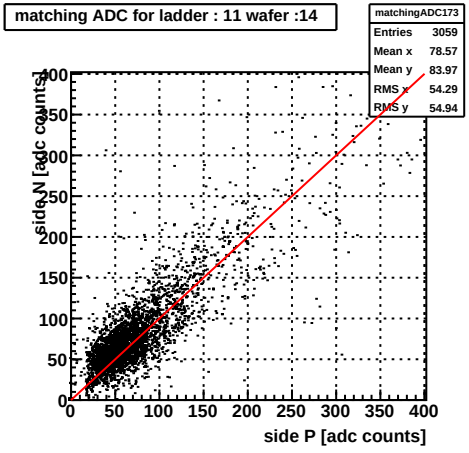

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 2678
Mean x 76.98
Mean y 83.88
RMS x 56.19
RMS y 55.58
side N [adc counts]
side P [adc counts]

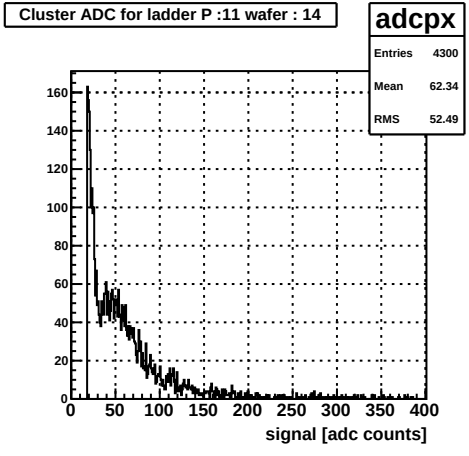

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 3812
Mean 66.93
RMS 56.66
signal [adc counts]

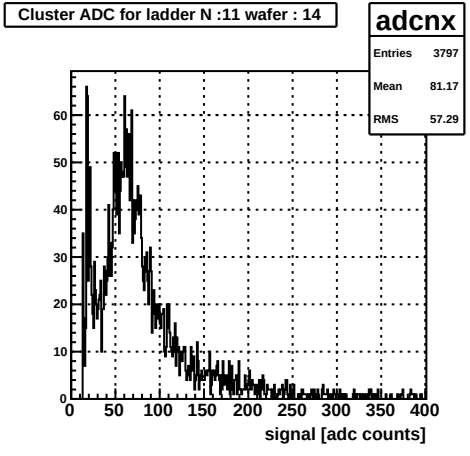

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 3226
Mean 83.04
RMS 57.11
signal [adc counts]

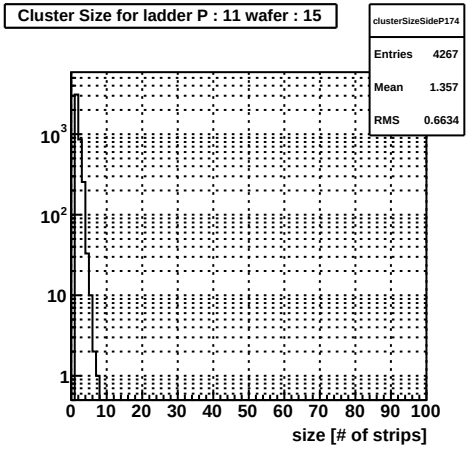

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 4300
Mean 1.286
RMS 0.6057
size [# of strips]

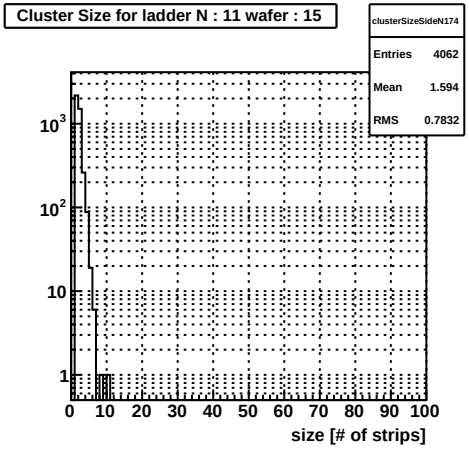

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 3797
Mean 1.688
RMS 0.8835
size [# of strips]

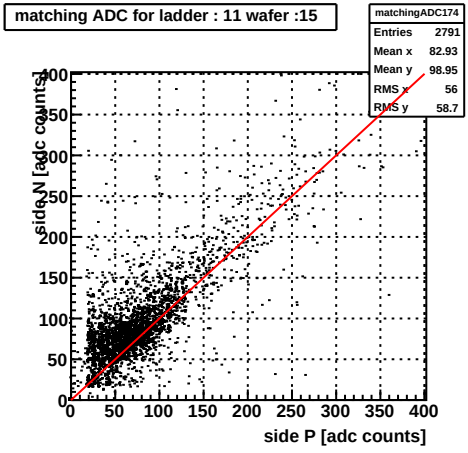

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 3059
Mean x 78.57
Mean y 83.97
RMS x 54.29
RMS y 54.94
side N [adc counts]
side P [adc counts]

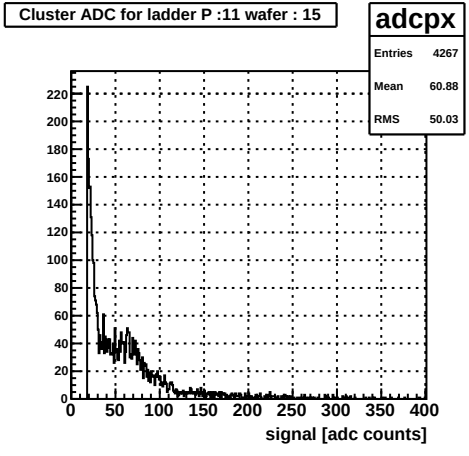

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 4300
Mean 62.34
RMS 52.49
signal [adc counts]

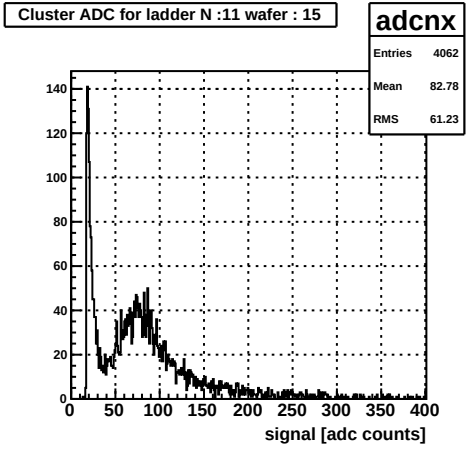

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 3797
Mean 81.17
RMS 57.29
signal [adc counts]

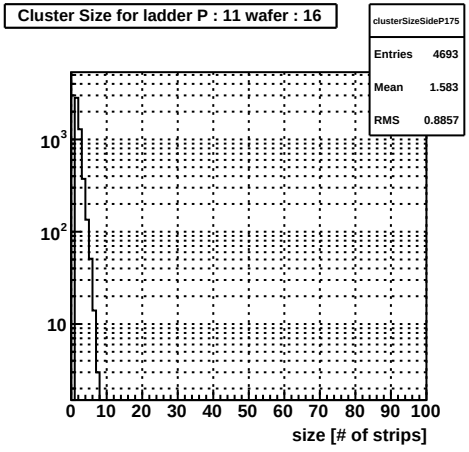

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4267
Mean 1.357
RMS 0.6634
size [# of strips]

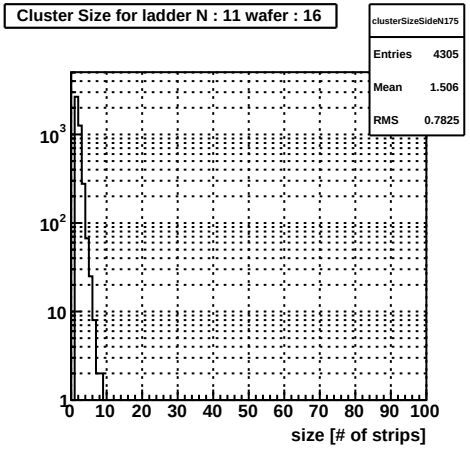

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 4062
Mean 1.594
RMS 0.7832
size [# of strips]

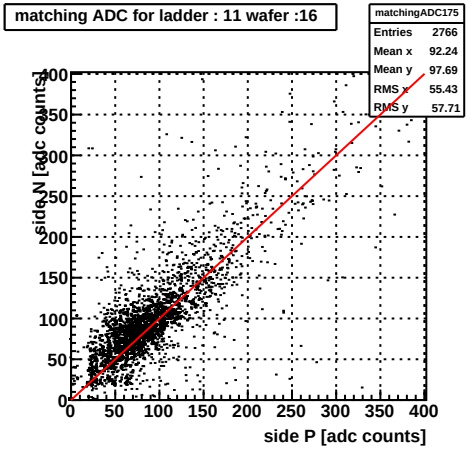

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 2791
Mean x 82.93
Mean y 98.95
RMS x 56
RMS y 58.7
side N [adc counts]
side P [adc counts]

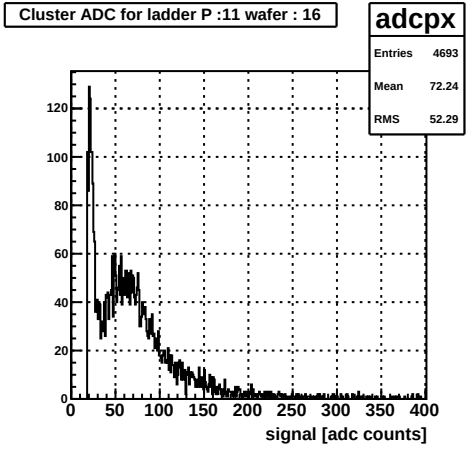

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4267
Mean 60.88
RMS 50.03
signal [adc counts]

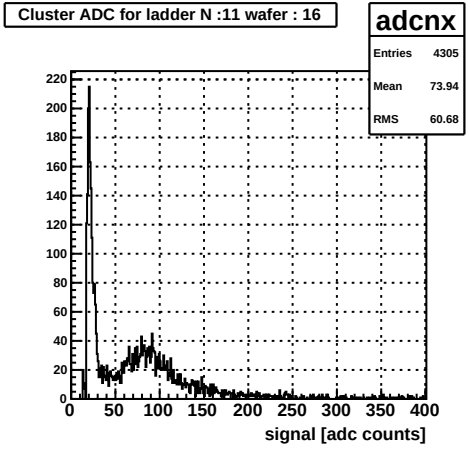

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 4062
Mean 82.78
RMS 61.23
signal [adc counts]

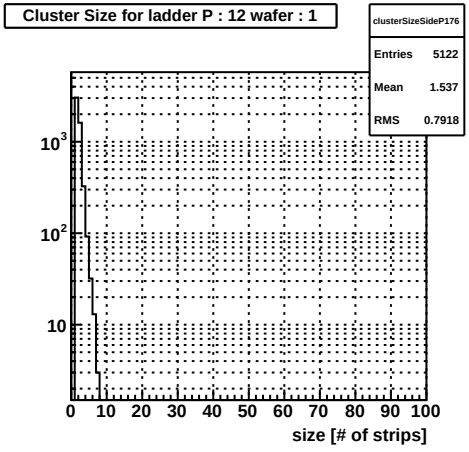

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 4693
Mean 1.583
RMS 0.8857
size [# of strips]

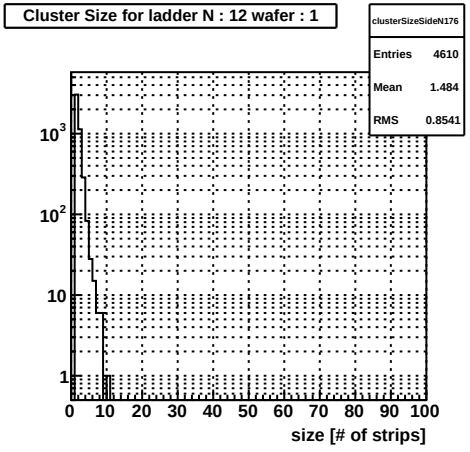

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 4305
Mean 1.506
RMS 0.7825
size [# of strips]

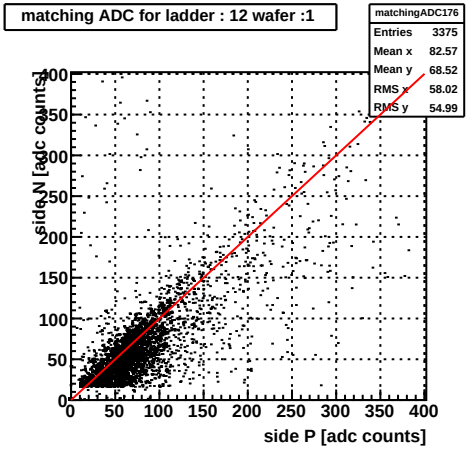

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 2766
Mean x 92.24
Mean y 97.69
RMS x 55.43
RMS y 57.71
side N [adc counts]
side P [adc counts]

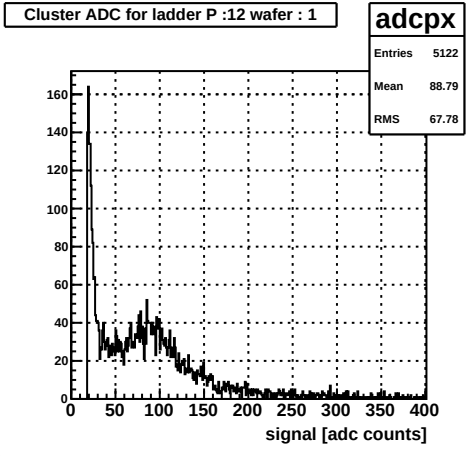

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 4693
Mean 72.24
RMS 52.29
signal [adc counts]

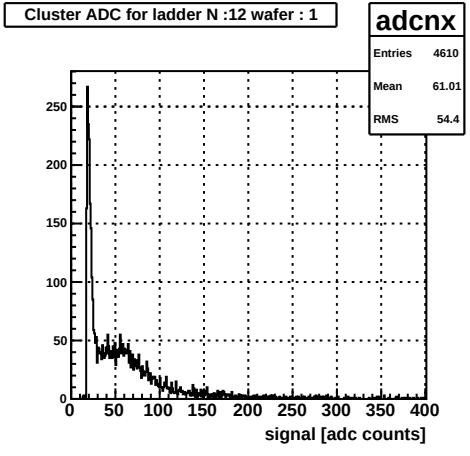

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 4305
Mean 73.94
RMS 60.68
signal [adc counts]

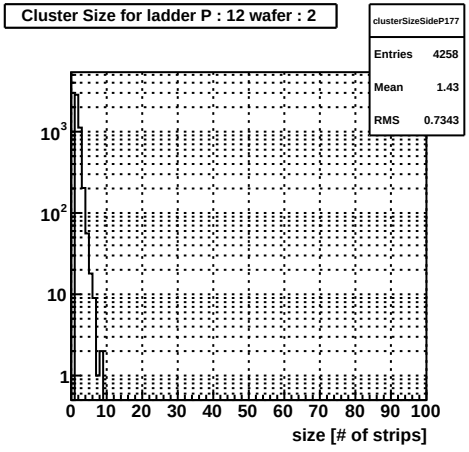

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 5122
Mean 1.537
RMS 0.7918
size [# of strips]

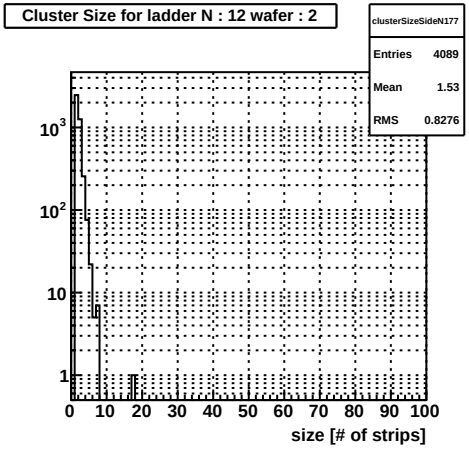

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4610
Mean 1.484
RMS 0.8541
size [# of strips]

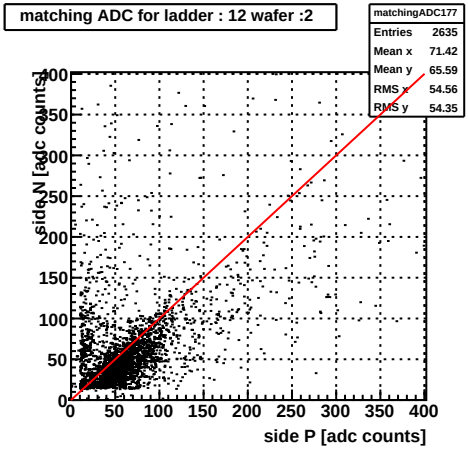

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 3375
Mean x 82.57
Mean y 68.52
RMS x 58.02
RMS y 54.99
side N [adc counts]
side P [adc counts]

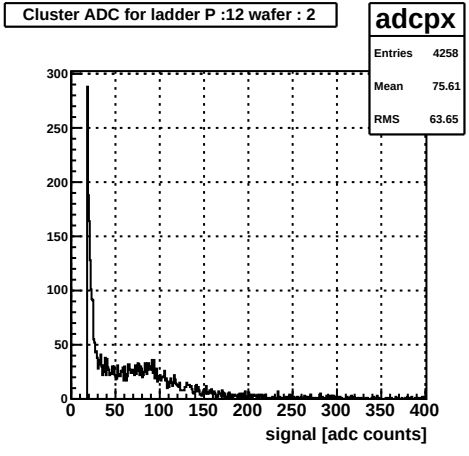

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 5122
Mean 88.79
RMS 67.78
signal [adc counts]

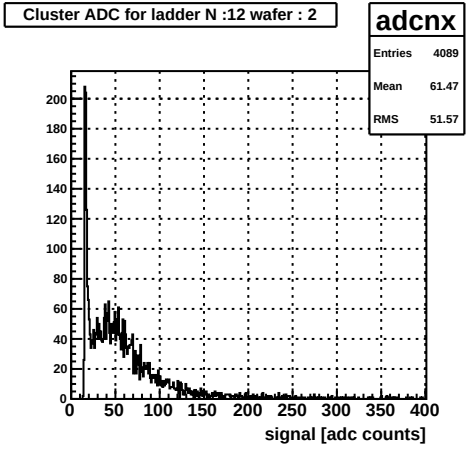

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4610
Mean 61.01
RMS 54.4
signal [adc counts]

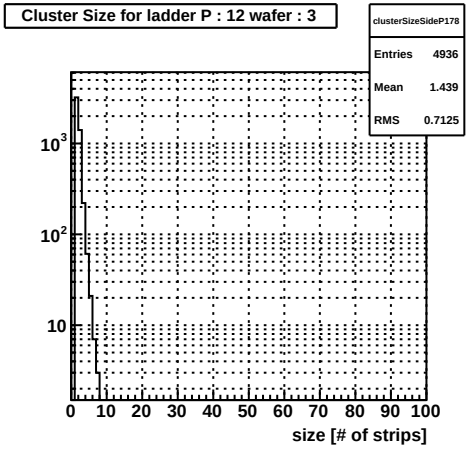

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4258
Mean 1.43
RMS 0.7343
size [# of strips]

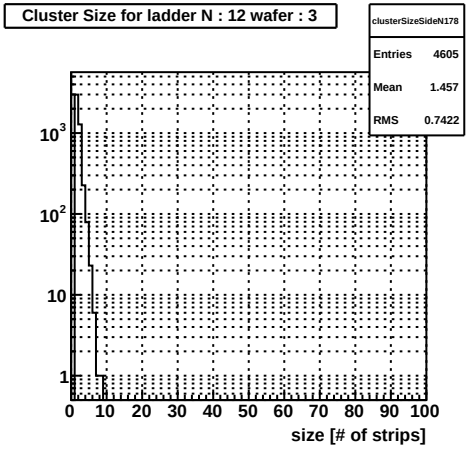

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4089
Mean 1.53
RMS 0.8276
size [# of strips]

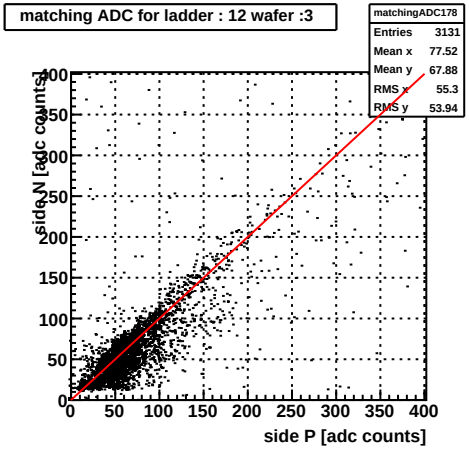

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2635
Mean x 71.42
Mean y 65.59
RMS x 54.56
RMS y 54.35
side N [adc counts]
side P [adc counts]

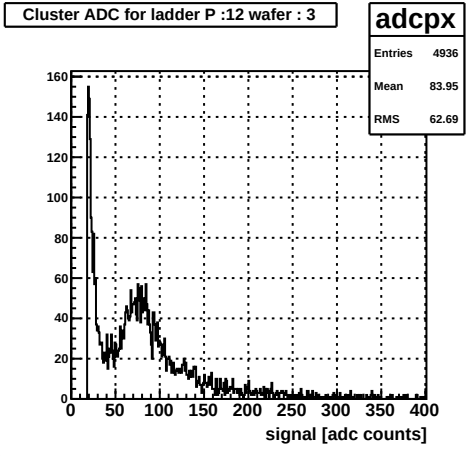

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4258
Mean 75.61
RMS 63.65
signal [adc counts]

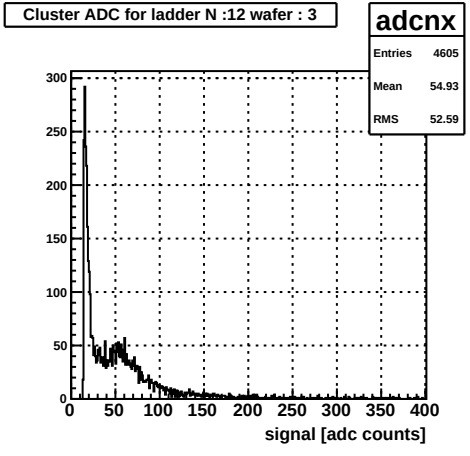

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4089
Mean 61.47
RMS 51.57
signal [adc counts]

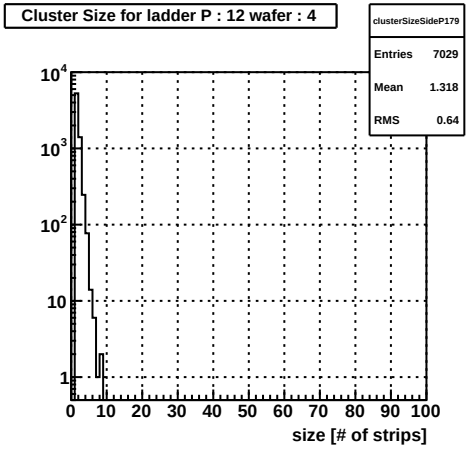

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 4936
Mean 1.439
RMS 0.7125
size [# of strips]

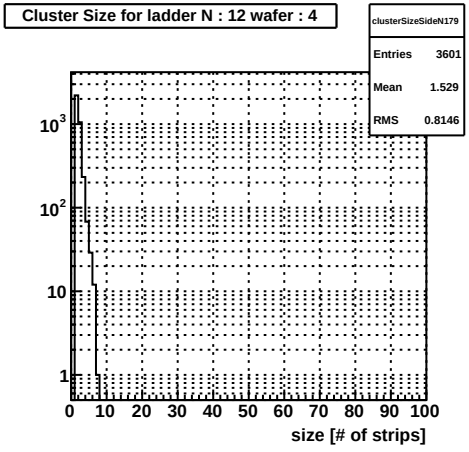

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4605
Mean 1.457
RMS 0.7422
size [# of strips]

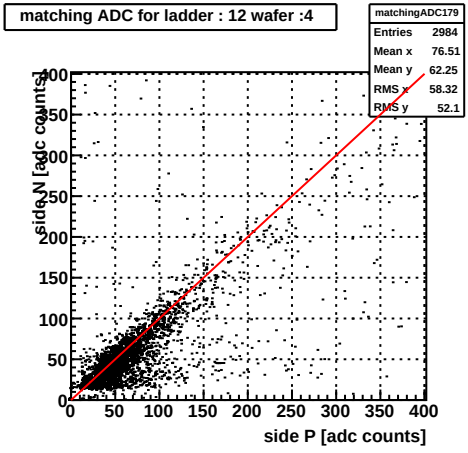

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 3131
Mean x 77.52
Mean y 67.88
RMS x 55.3
RMS y 53.94
side N [adc counts]
side P [adc counts]

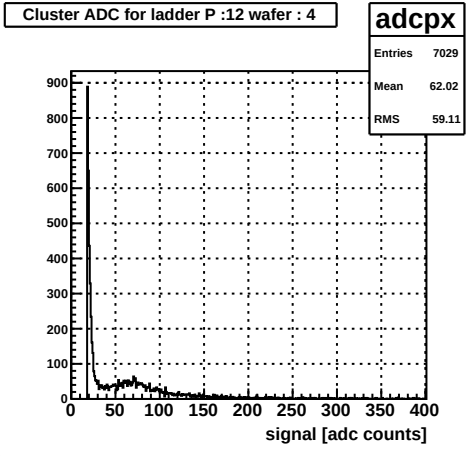

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 4936
Mean 83.95
RMS 62.69
signal [adc counts]

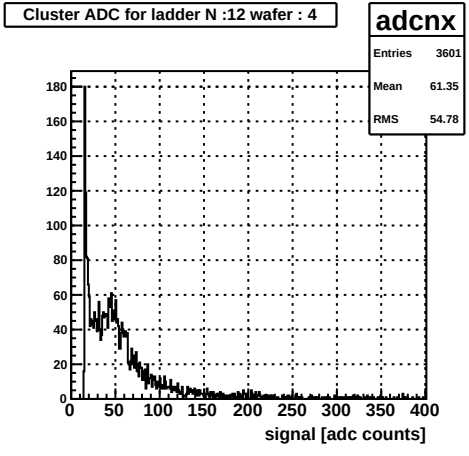

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4605
Mean 54.93
RMS 52.59
signal [adc counts]

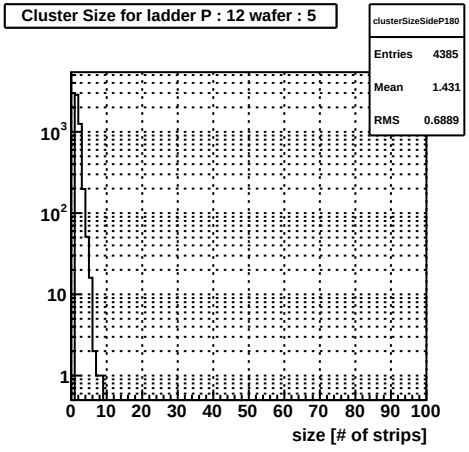

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7029
Mean 1.318
RMS 0.64
size [# of strips]

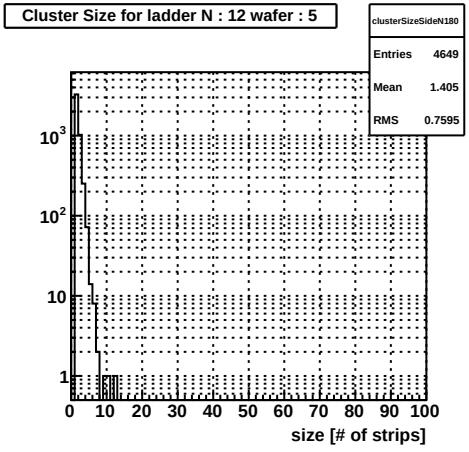

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3601
Mean 1.529
RMS 0.8146
size [# of strips]

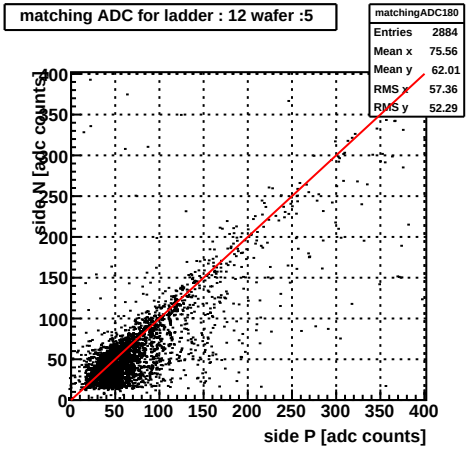

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2984
Mean x 76.51
Mean y 62.25
RMS x 58.32
RMS y 52.1
side N [adc counts]
side P [adc counts]

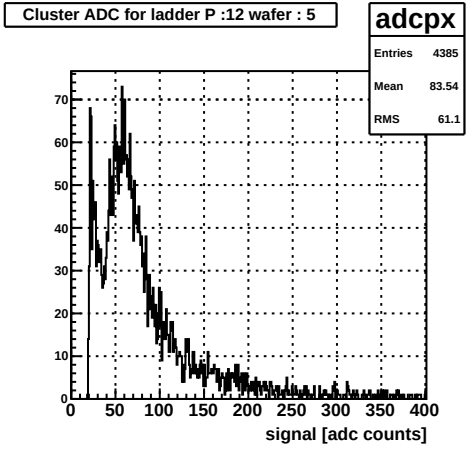

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7029
Mean 62.02
RMS 59.11
signal [adc counts]

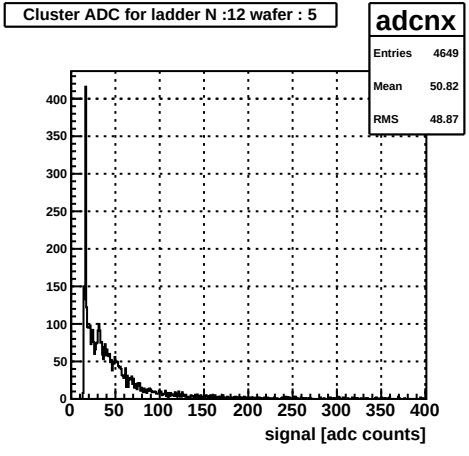

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3601
Mean 61.35
RMS 54.78
signal [adc counts]

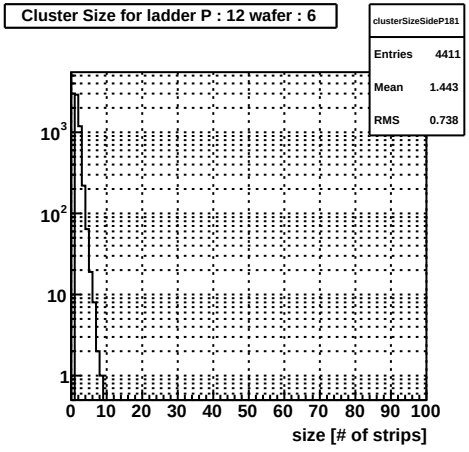

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4385
Mean 1.431
RMS 0.6889
size [# of strips]

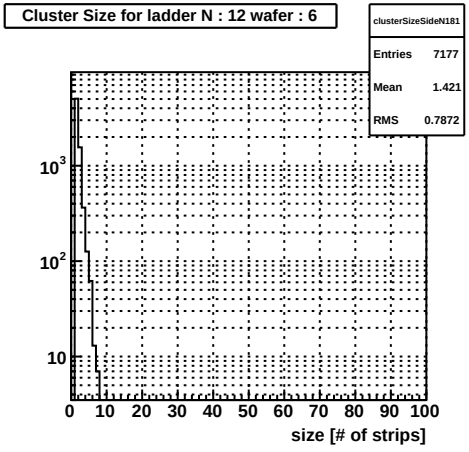

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4649
Mean 1.405
RMS 0.7595
size [# of strips]

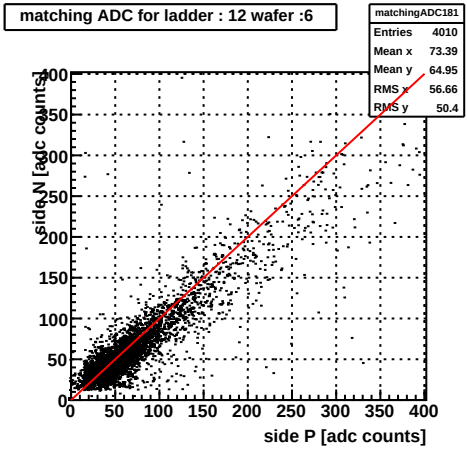

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 2884
Mean x 75.56
Mean y 62.01
RMS x 57.36
RMS y 52.29
side N [adc counts]
side P [adc counts]

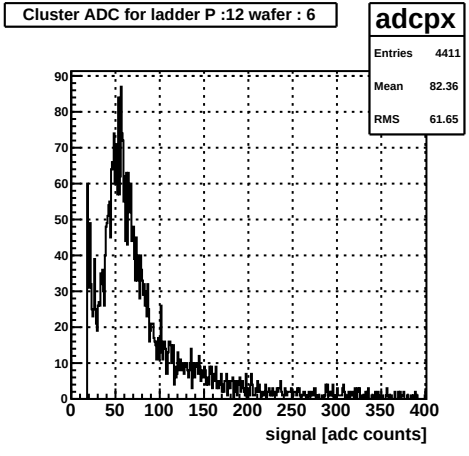

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4385
Mean 83.54
RMS 61.1
signal [adc counts]

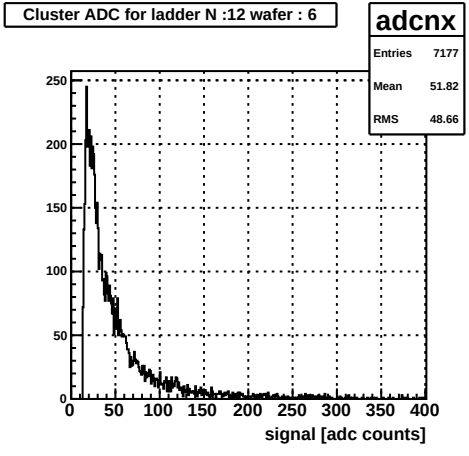

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4649
Mean 50.82
RMS 48.87
signal [adc counts]

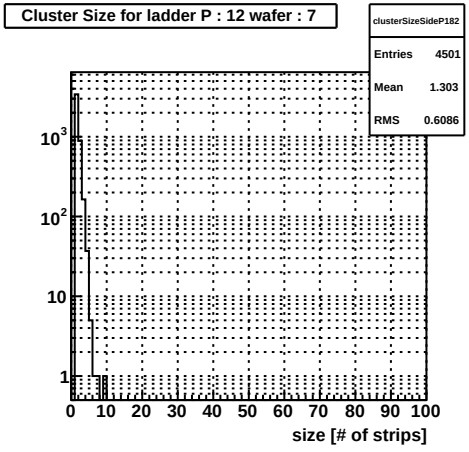

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 4411
Mean 1.443
RMS 0.738
size [# of strips]

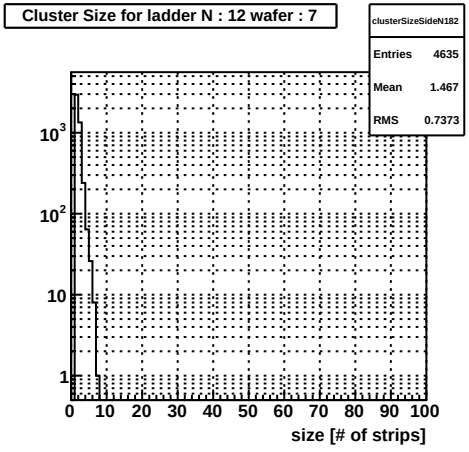

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 7177
Mean 1.421
RMS 0.7872
size [# of strips]

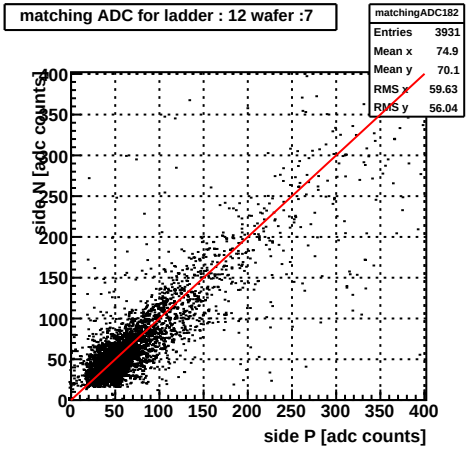

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 4010
Mean x 73.39
Mean y 64.95
RMS x 56.66
RMS y 50.4
side N [adc counts]
side P [adc counts]

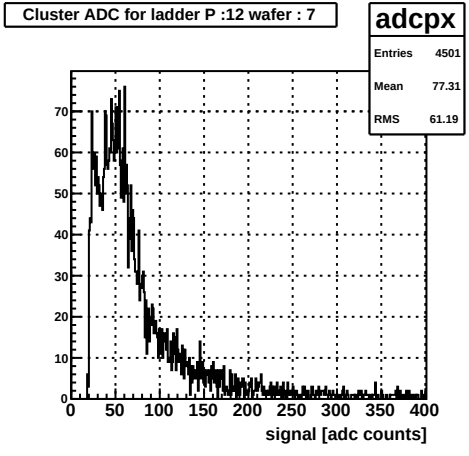

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 4411
Mean 82.36
RMS 61.65
signal [adc counts]

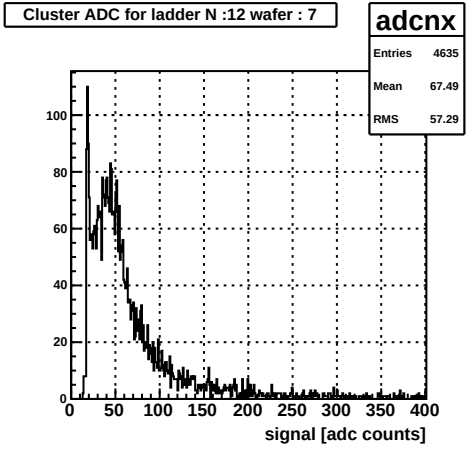

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 7177
Mean 51.82
RMS 48.66
signal [adc counts]

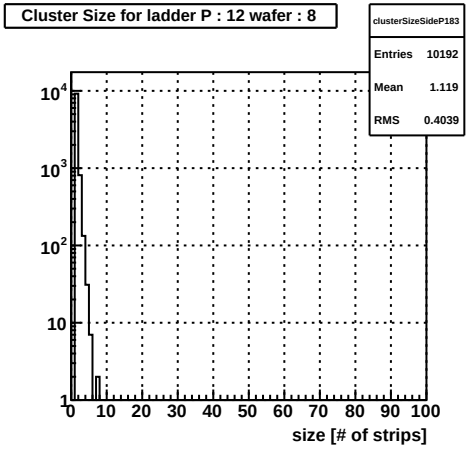

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 4501
Mean 1.303
RMS 0.6086
size [# of strips]

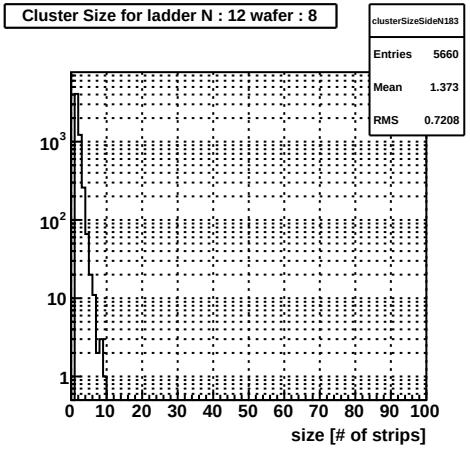

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 4635
Mean 1.467
RMS 0.7373
size [# of strips]

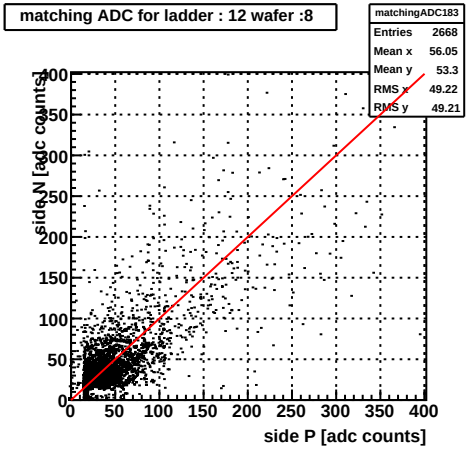

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 3931
Mean x 74.9
Mean y 70.1
RMS x 59.63
RMS y 56.04
side N [adc counts]
side P [adc counts]

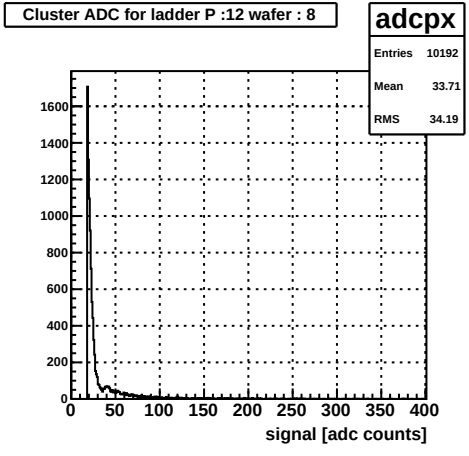

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 4501
Mean 77.31
RMS 61.19
signal [adc counts]

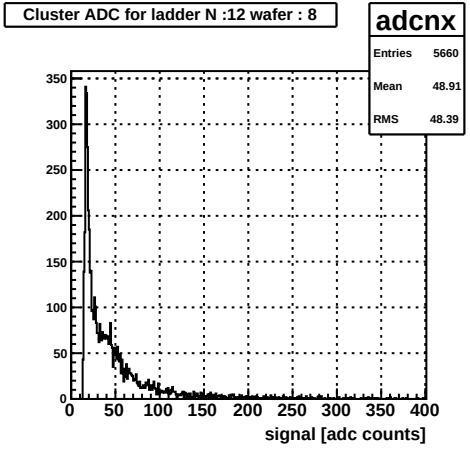

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 4635
Mean 67.49
RMS 57.29
signal [adc counts]

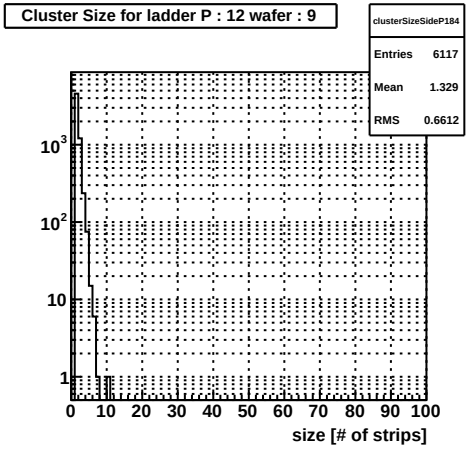

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10192
Mean 1.119
RMS 0.4039
size [# of strips]

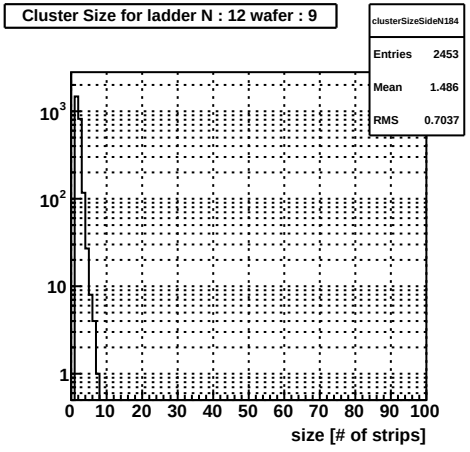

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 5660
Mean 1.373
RMS 0.7208
size [# of strips]

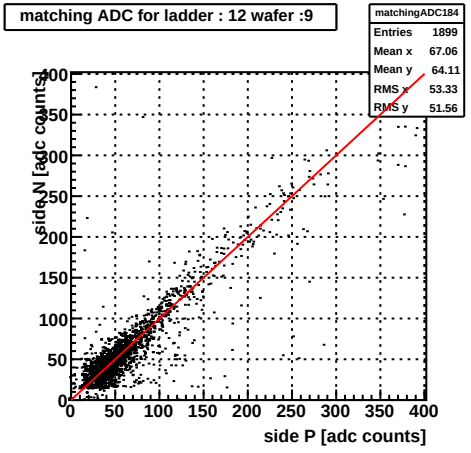

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 2668
Mean x 56.05
Mean y 53.3
RMS x 49.22
RMS y 49.21
side N [adc counts]
side P [adc counts]

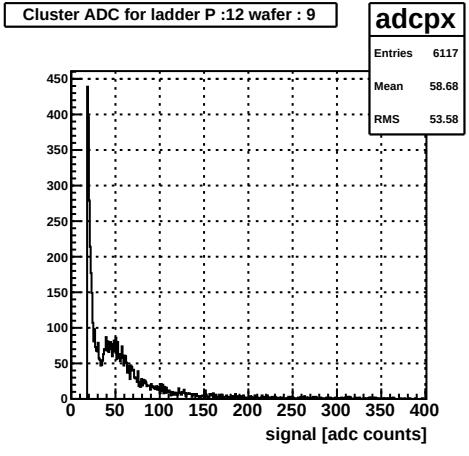

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10192
Mean 33.71
RMS 34.19
signal [adc counts]

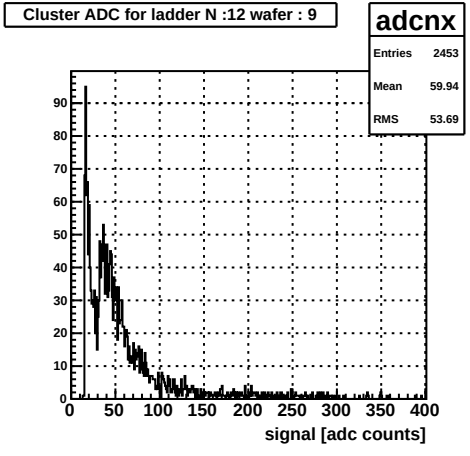

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 5660
Mean 48.91
RMS 48.39
signal [adc counts]

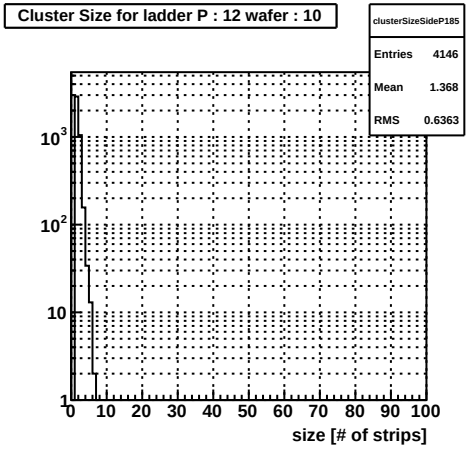

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6117
Mean 1.329
RMS 0.6612
size [# of strips]

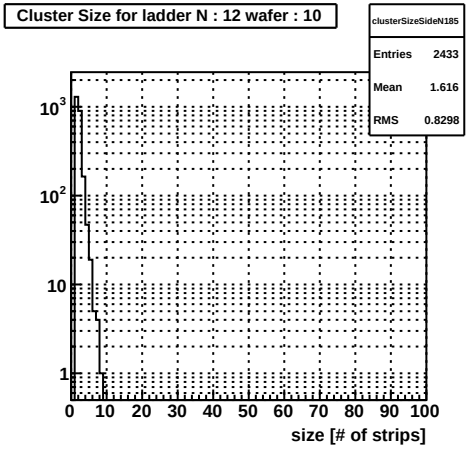

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2453
Mean 1.486
RMS 0.7037
size [# of strips]

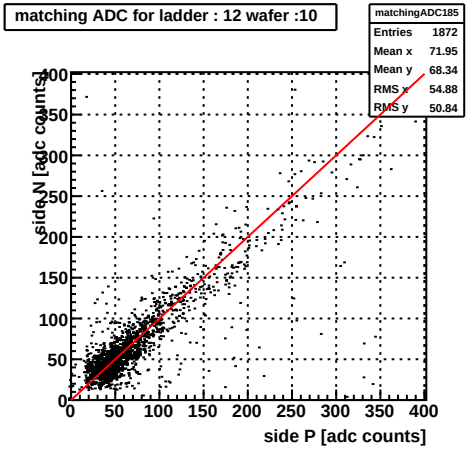

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1899
Mean x 67.06
Mean y 64.11
RMS x 53.33
RMS y 51.56
side N [adc counts]
side P [adc counts]

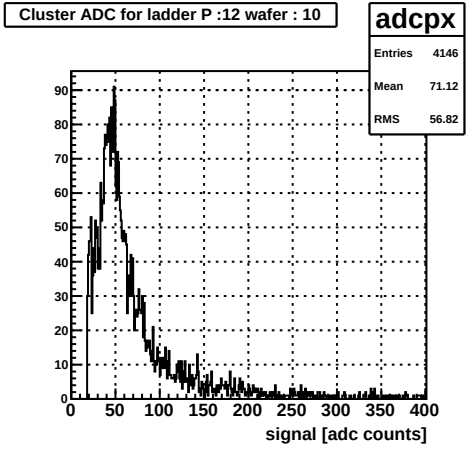

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6117
Mean 58.68
RMS 53.58
signal [adc counts]

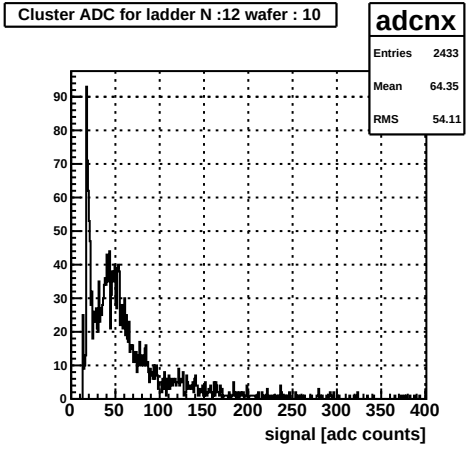

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2453
Mean 59.94
RMS 53.69
signal [adc counts]

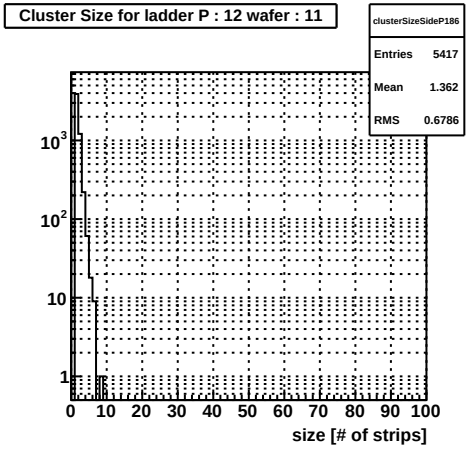

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 4146
Mean 1.368
RMS 0.6363
size [# of strips]

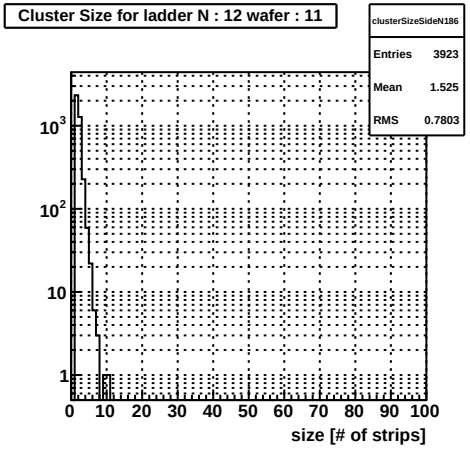

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2433
Mean 1.616
RMS 0.8298
size [# of strips]

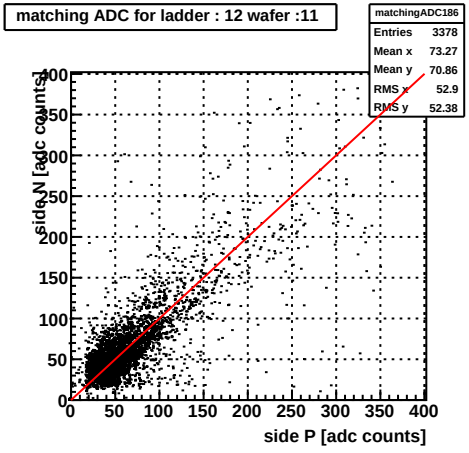

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1872
Mean x 71.95
Mean y 68.34
RMS x 54.88
RMS y 50.84
side N [adc counts]
side P [adc counts]

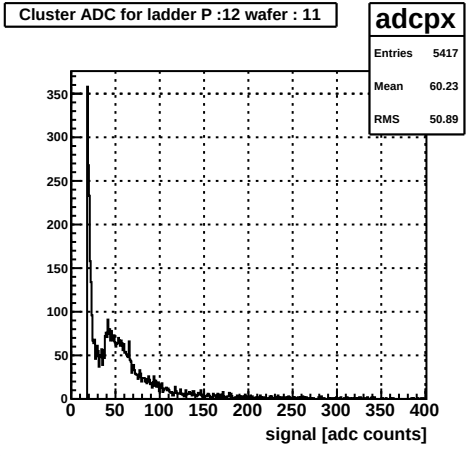

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 4146
Mean 71.12
RMS 56.82
signal [adc counts]

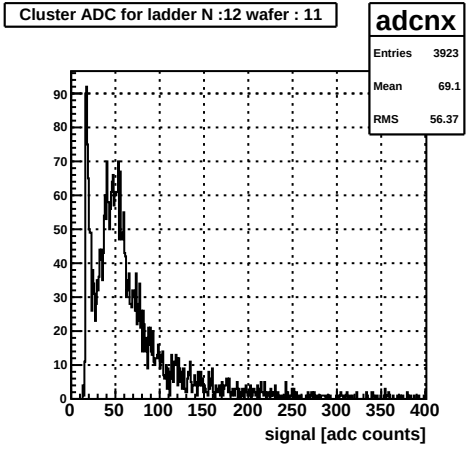

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2433
Mean 64.35
RMS 54.11
signal [adc counts]

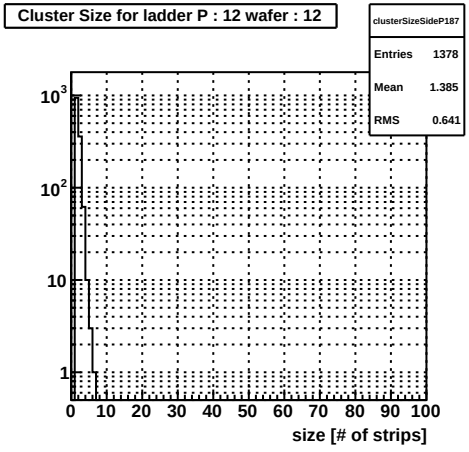

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 5417
Mean 1.362
RMS 0.6786
size [# of strips]

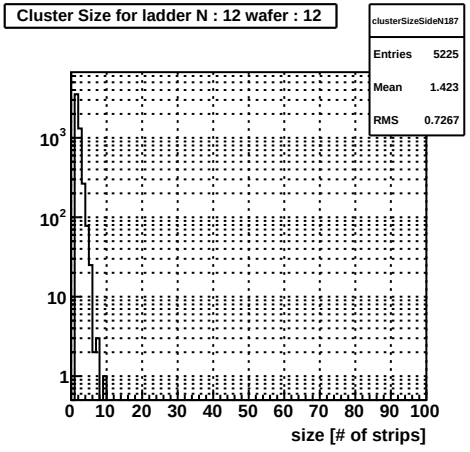

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 3923
Mean 1.525
RMS 0.7803
size [# of strips]

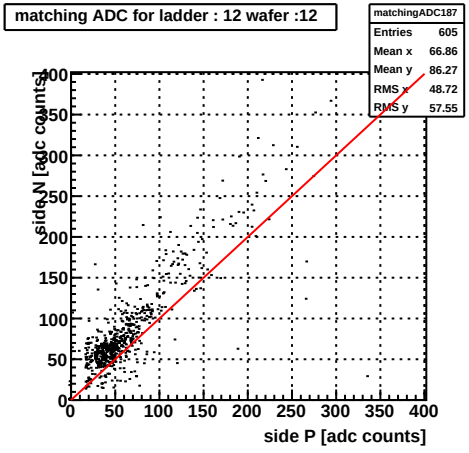

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 3378
Mean x 73.27
Mean y 70.86
RMS x 52.9
RMS y 52.38
side N [adc counts]
side P [adc counts]

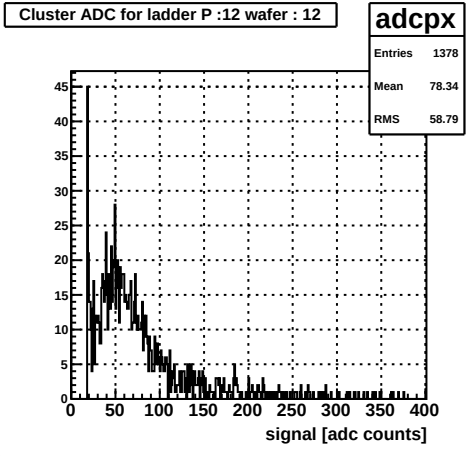

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 5417
Mean 60.23
RMS 50.89
signal [adc counts]

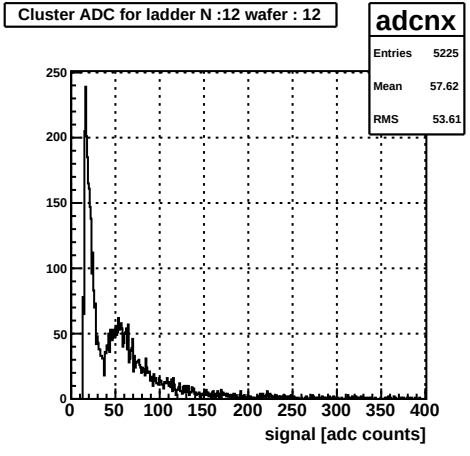

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 3923
Mean 69.1
RMS 56.37
signal [adc counts]

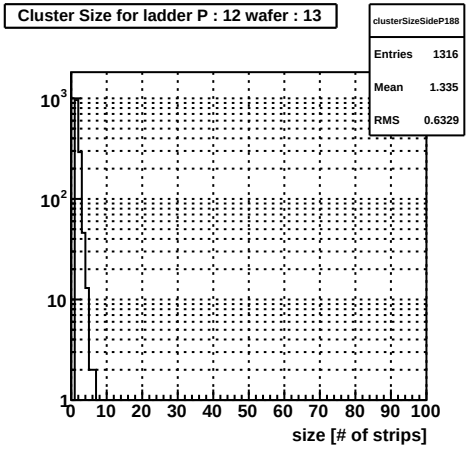

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1378
Mean 1.385
RMS 0.641
size [# of strips]

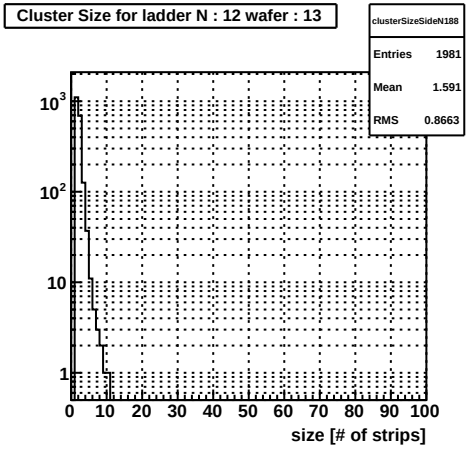

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5225
Mean 1.423
RMS 0.7267
size [# of strips]

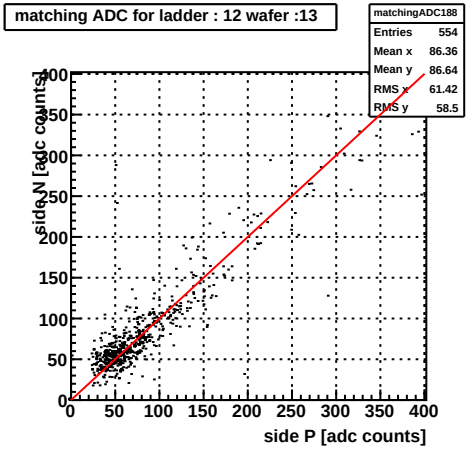

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 605
Mean x 66.86
Mean y 86.27
RMS x 48.72
RMS y 57.55
side N [adc counts]
side P [adc counts]

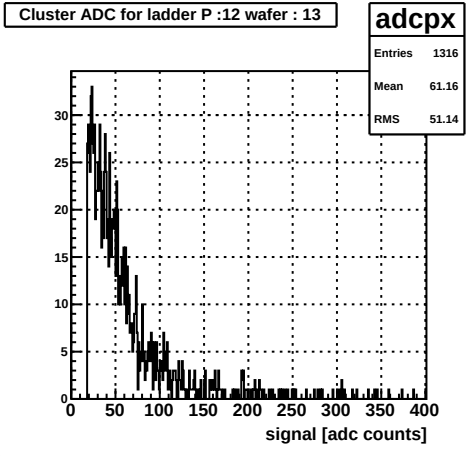

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1378
Mean 78.34
RMS 58.79
signal [adc counts]

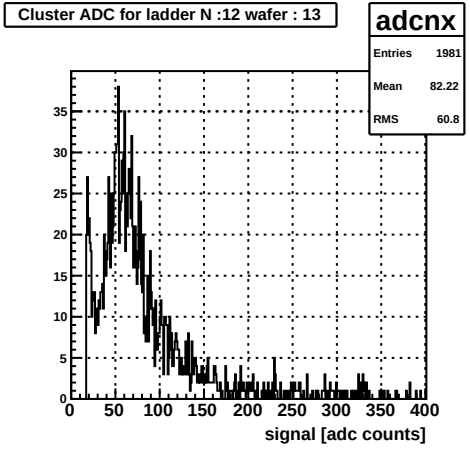

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5225
Mean 57.62
RMS 53.61
signal [adc counts]

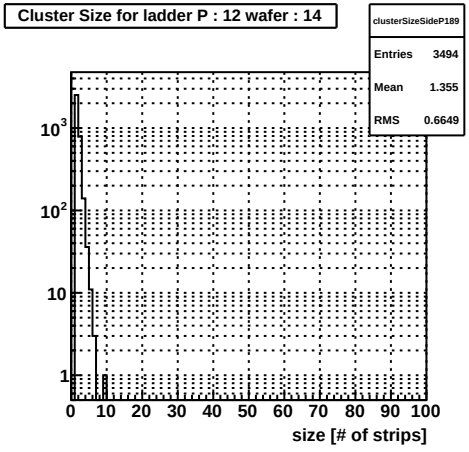

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1316
Mean 1.335
RMS 0.6329
size [# of strips]

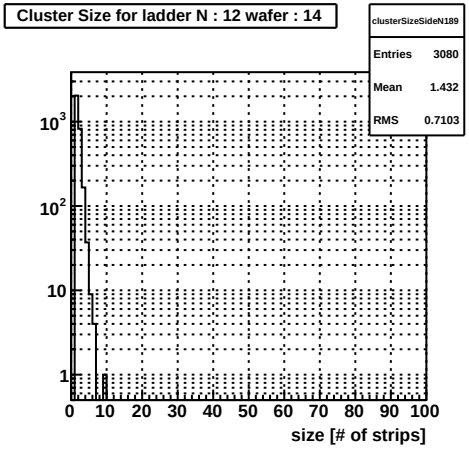

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1981
Mean 1.591
RMS 0.8663
size [# of strips]

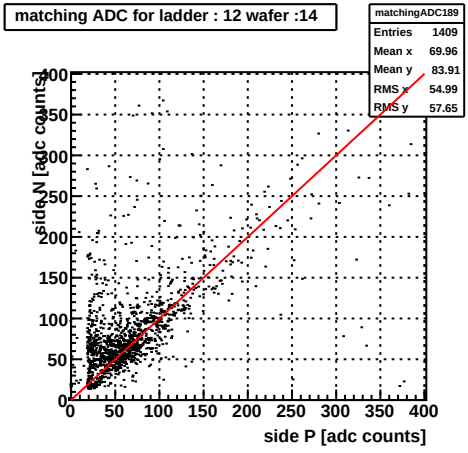

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 554
Mean x 86.36
Mean y 86.64
RMS x 61.42
RMS y 58.5
side N [adc counts]
side P [adc counts]

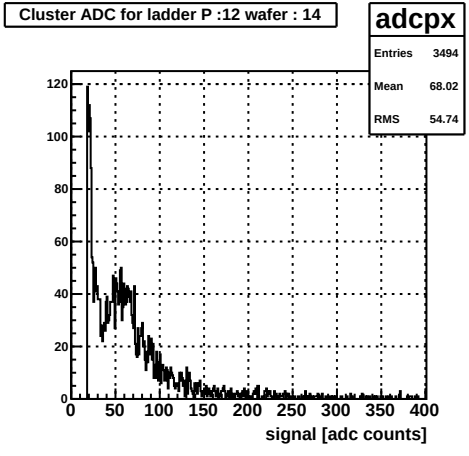

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1316
Mean 61.16
RMS 51.14
signal [adc counts]

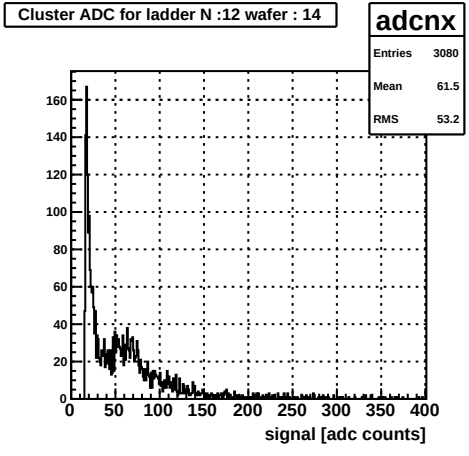

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1981
Mean 82.22
RMS 60.8
signal [adc counts]

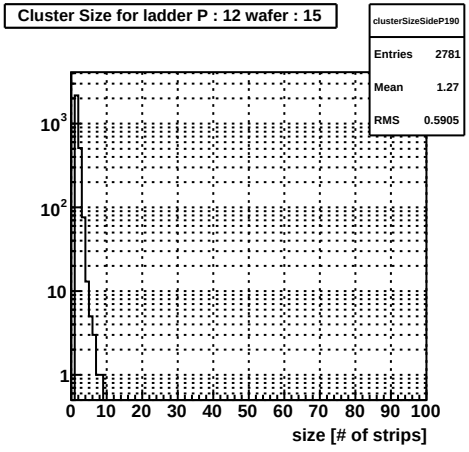

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3494
Mean 1.355
RMS 0.6649
size [# of strips]

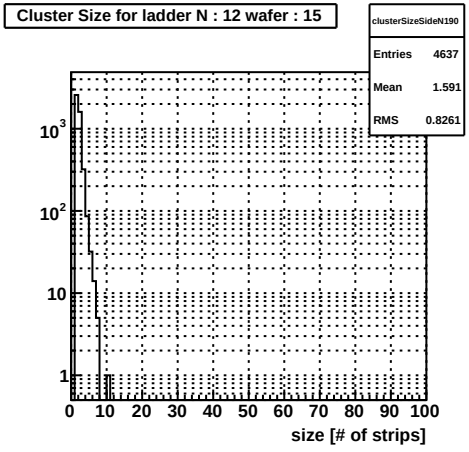

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3080
Mean 1.432
RMS 0.7103
size [# of strips]

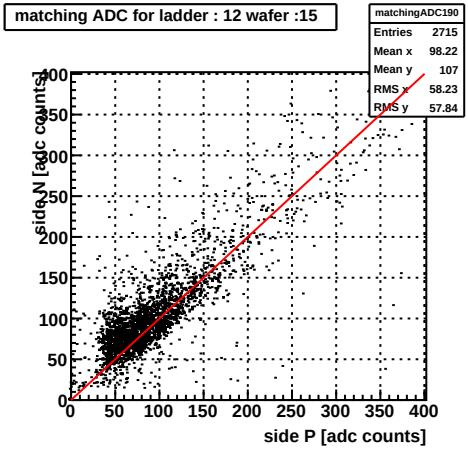

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 1409
Mean x 69.96
Mean y 83.91
RMS x 54.99
RMS y 57.65
side N [adc counts]
side P [adc counts]

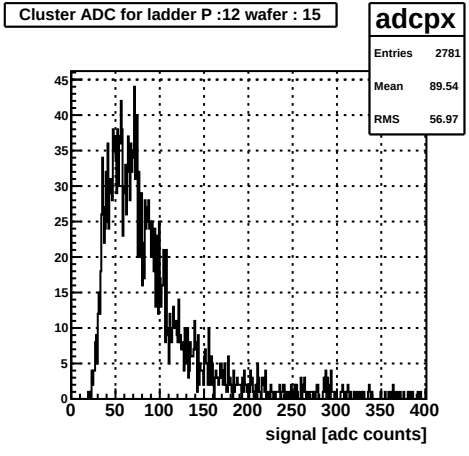

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3494
Mean 68.02
RMS 54.74
signal [adc counts]

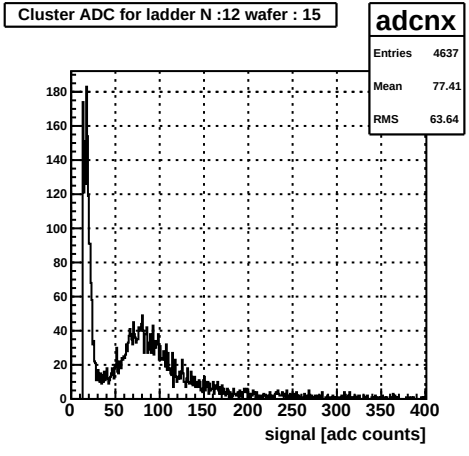

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3080
Mean 61.5
RMS 53.2
signal [adc counts]

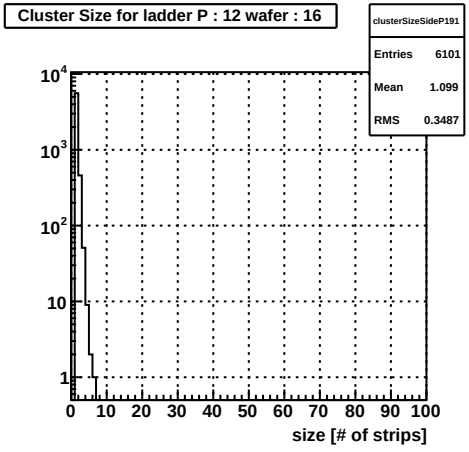

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 2781
Mean 1.27
RMS 0.5905
size [# of strips]

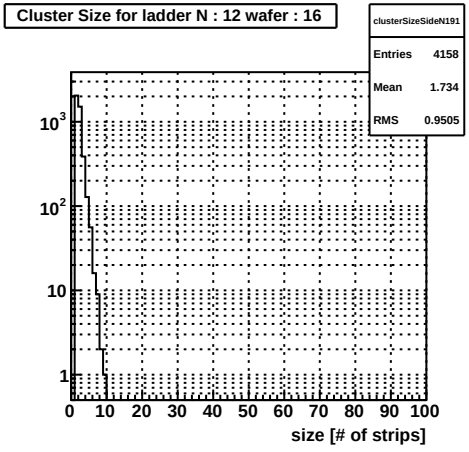

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 4637
Mean 1.591
RMS 0.8261
size [# of strips]

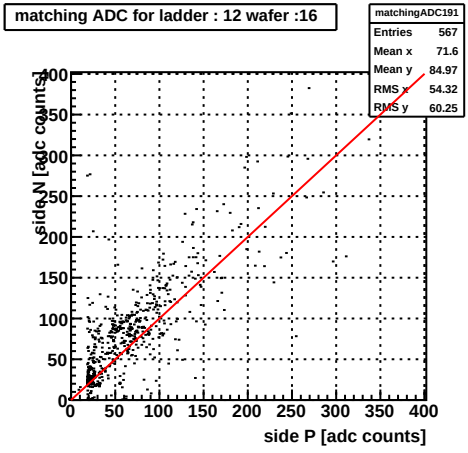

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 2715
Mean x 98.22
Mean y 107
RMS x 58.23
RMS y 57.84
side N [adc counts]
side P [adc counts]

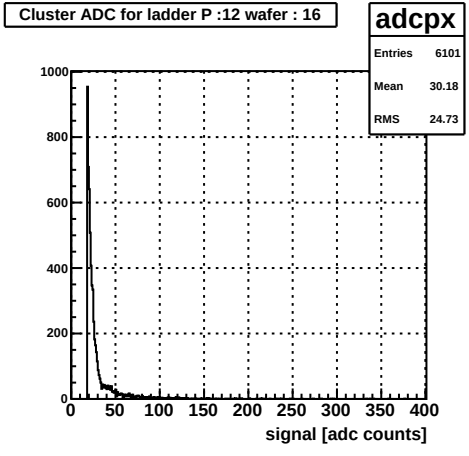

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 2781
Mean 89.54
RMS 56.97
signal [adc counts]

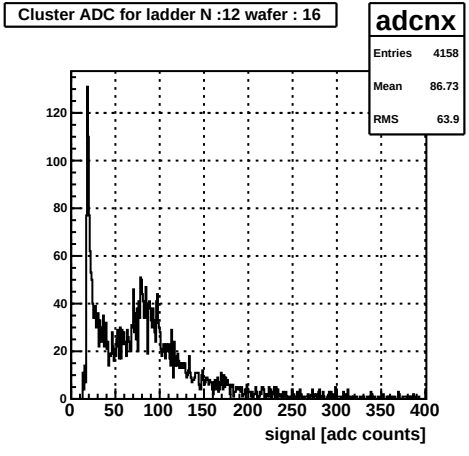

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 4637
Mean 77.41
RMS 63.64
signal [adc counts]

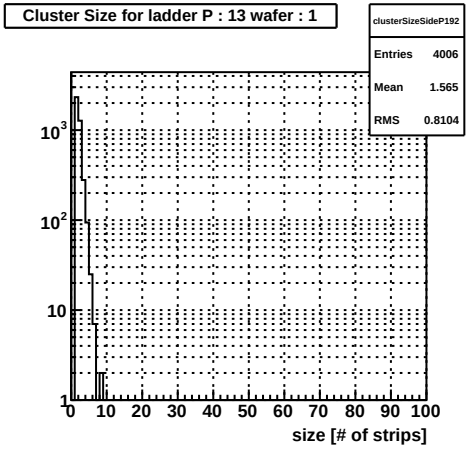

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 6101
Mean 1.099
RMS 0.3487
size [# of strips]

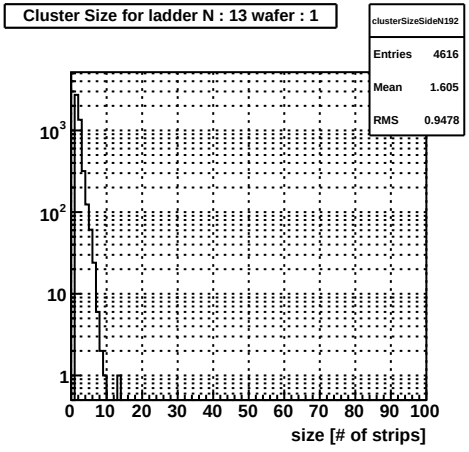

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 4158
Mean 1.734
RMS 0.9505
size [# of strips]

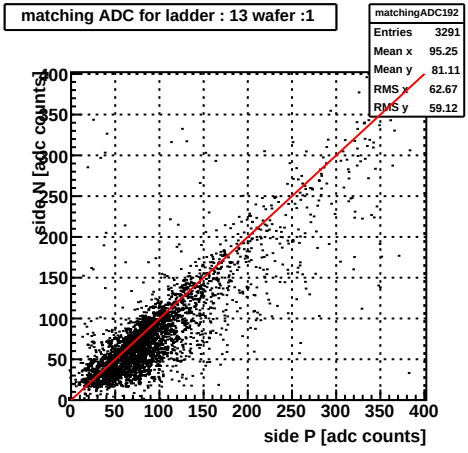

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 567
Mean x 71.6
Mean y 84.97
RMS x 54.32
RMS y 60.25
side N [adc counts]
side P [adc counts]

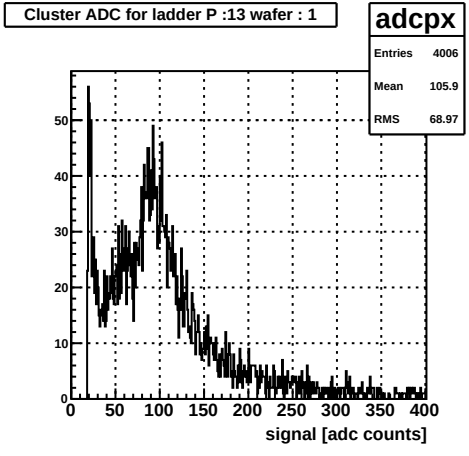

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 6101
Mean 30.18
RMS 24.73
signal [adc counts]

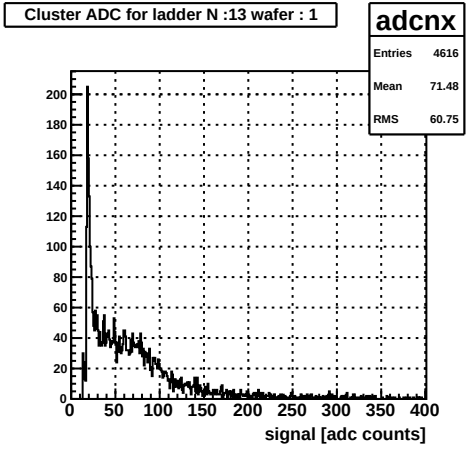

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 4158
Mean 86.73
RMS 63.9
signal [adc counts]

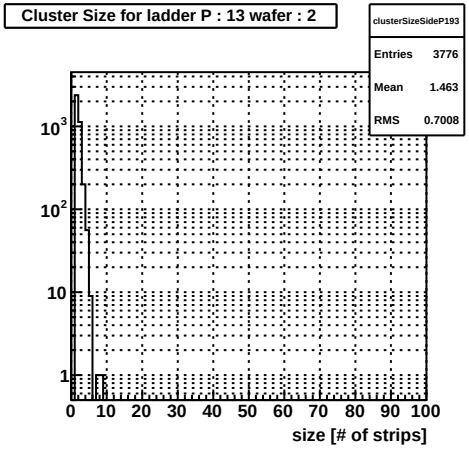

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4006
Mean 1.565
RMS 0.8104
size [# of strips]

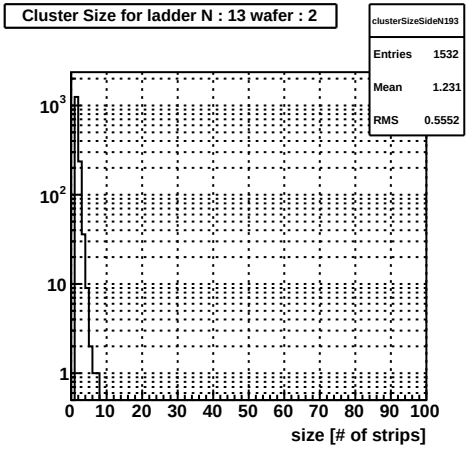

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4616
Mean 1.605
RMS 0.9478
size [# of strips]

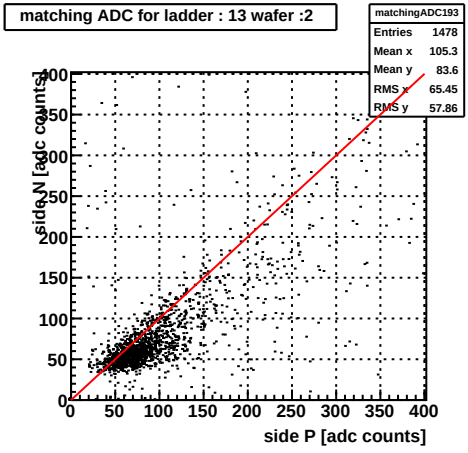

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 3291
Mean x 95.25
Mean y 81.11
RMS x 62.67
RMS y 59.12
side N [adc counts]
side P [adc counts]

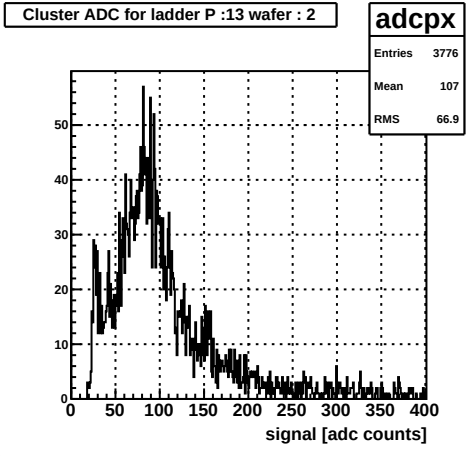

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4006
Mean 105.9
RMS 68.97
signal [adc counts]

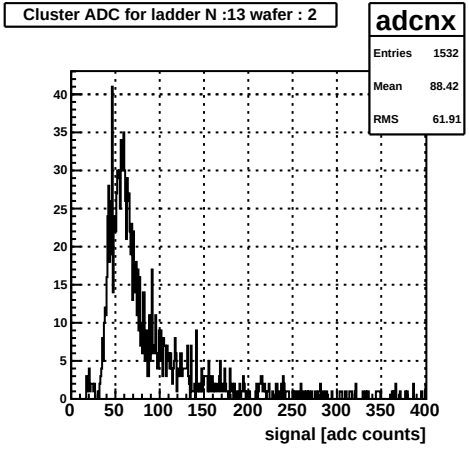

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4616
Mean 71.48
RMS 60.75
signal [adc counts]

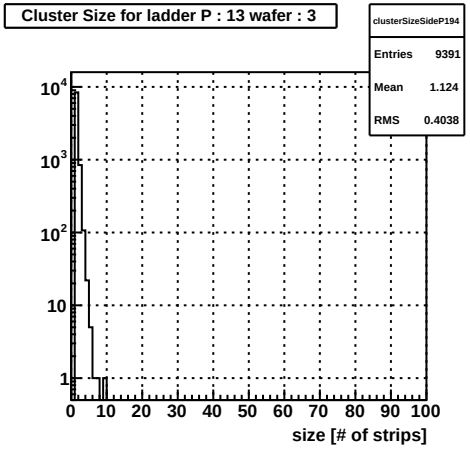

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 3776
Mean 1.463
RMS 0.7008
size [# of strips]

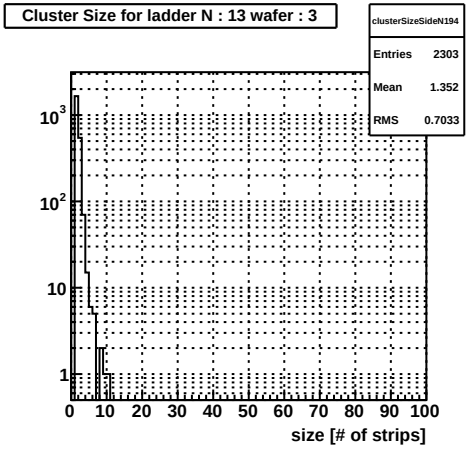

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 1532
Mean 1.231
RMS 0.5552
size [# of strips]

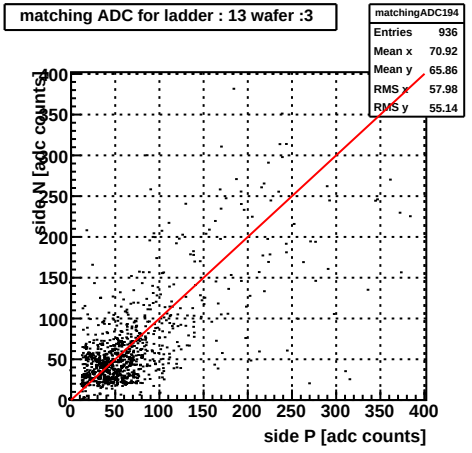

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1478
Mean x 105.3
Mean y 83.6
RMS x 65.45
RMS y 57.86
side N [adc counts]
side P [adc counts]

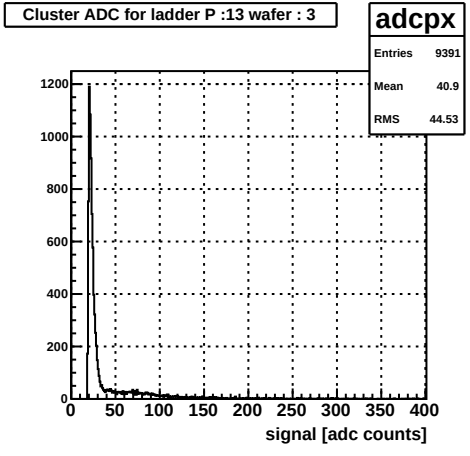

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 3776
Mean 107
RMS 66.9
signal [adc counts]

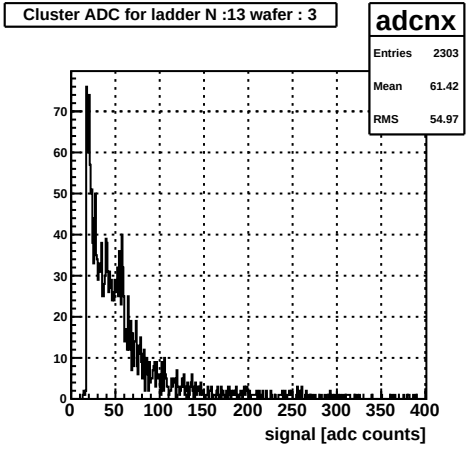

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 1532
Mean 88.42
RMS 61.91
signal [adc counts]

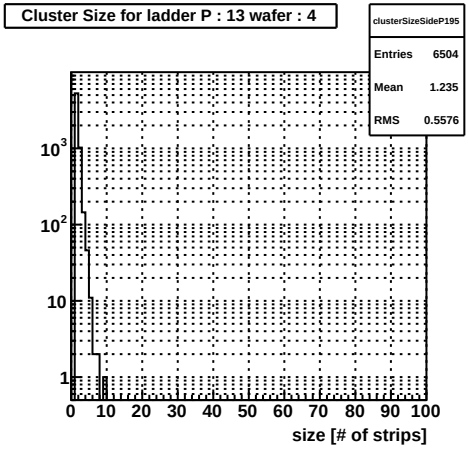

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 9391
Mean 1.124
RMS 0.4038
size [# of strips]

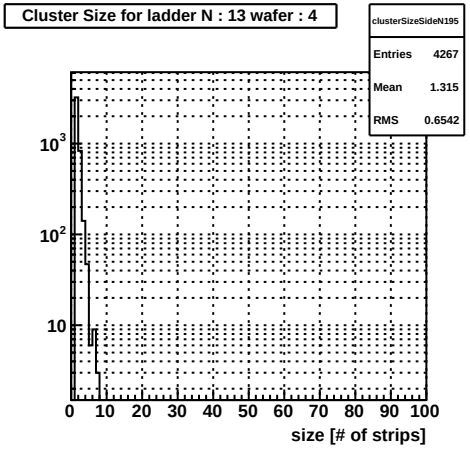

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2303
Mean 1.352
RMS 0.7033
size [# of strips]

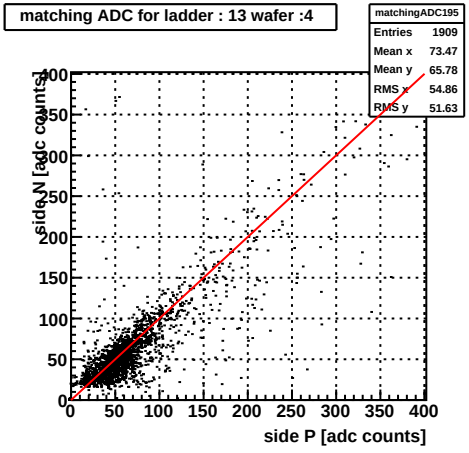

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 936
Mean x 70.92
Mean y 65.86
RMS x 57.98
RMS y 55.14
side N [adc counts]
side P [adc counts]

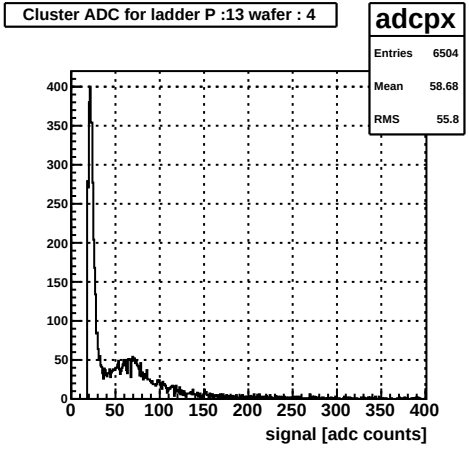

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 9391
Mean 40.9
RMS 44.53
signal [adc counts]

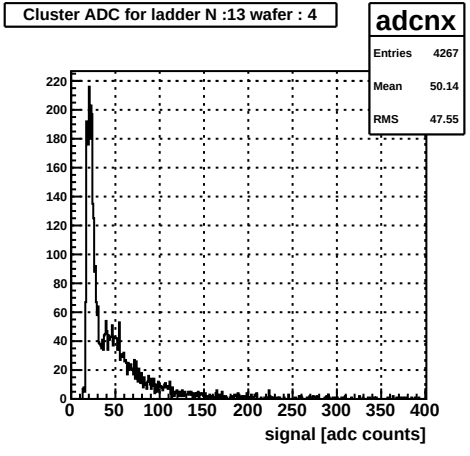

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2303
Mean 61.42
RMS 54.97
signal [adc counts]

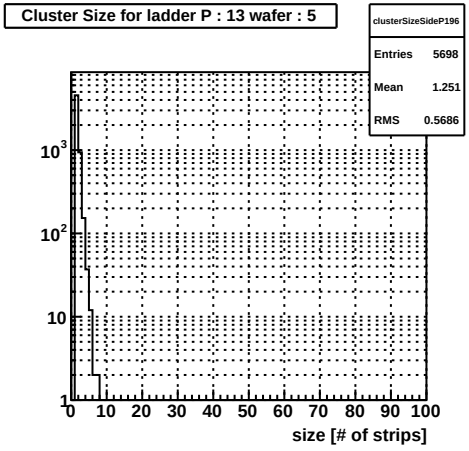

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 6504
Mean 1.235
RMS 0.5576
size [# of strips]

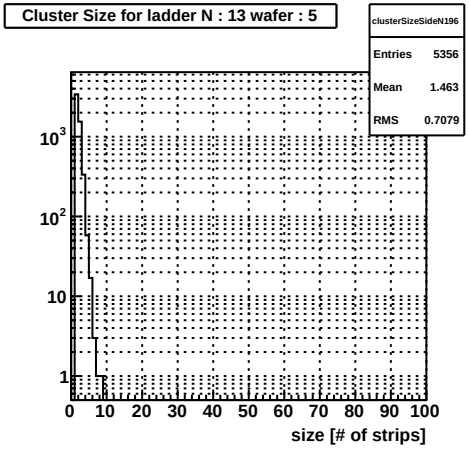

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4267
Mean 1.315
RMS 0.6542
size [# of strips]

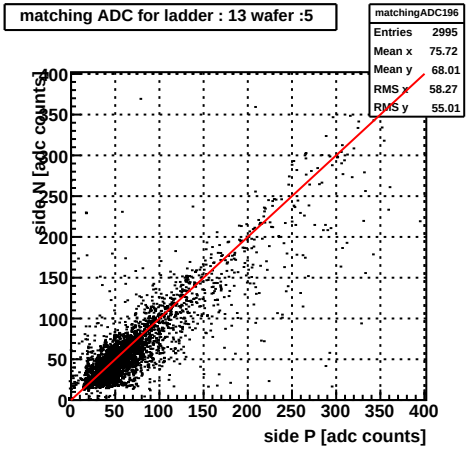

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1909
Mean x 73.47
Mean y 65.78
RMS x 54.86
RMS y 51.63
side N [adc counts]
side P [adc counts]

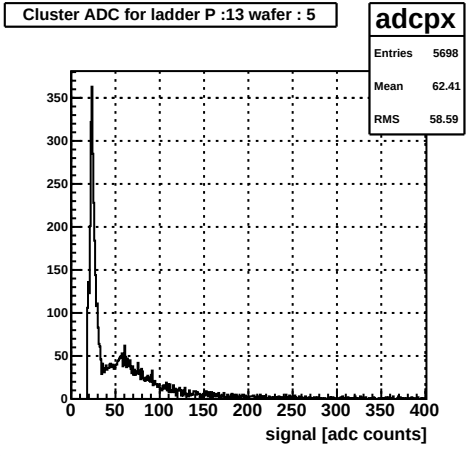

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 6504
Mean 58.68
RMS 55.8
signal [adc counts]

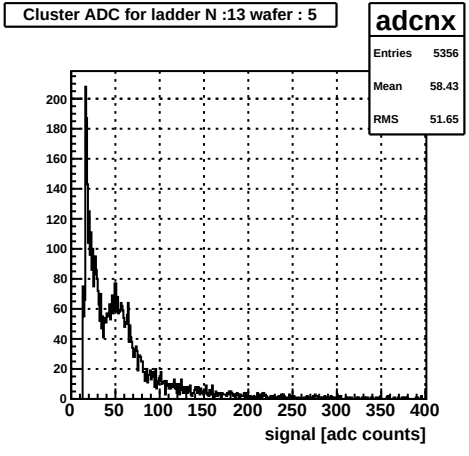

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4267
Mean 50.14
RMS 47.55
signal [adc counts]

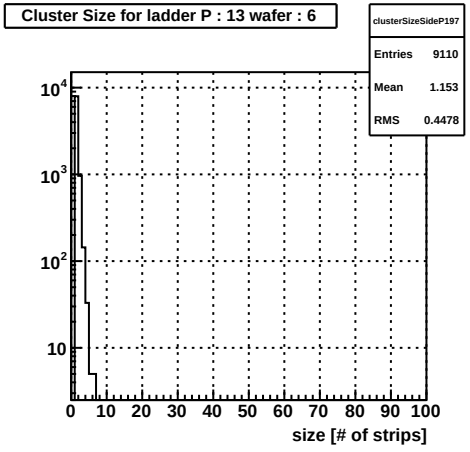

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5698
Mean 1.251
RMS 0.5686
size [# of strips]

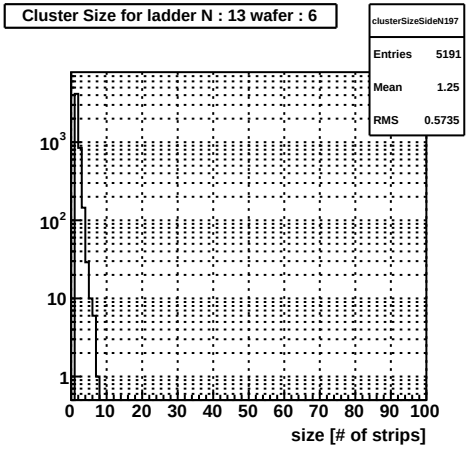

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5356
Mean 1.463
RMS 0.7079
size [# of strips]

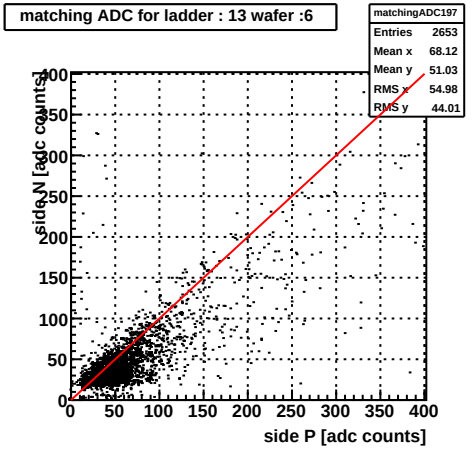

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 2995
Mean x 75.72
Mean y 68.01
RMS x 58.27
RMS y 55.01
side N [adc counts]
side P [adc counts]

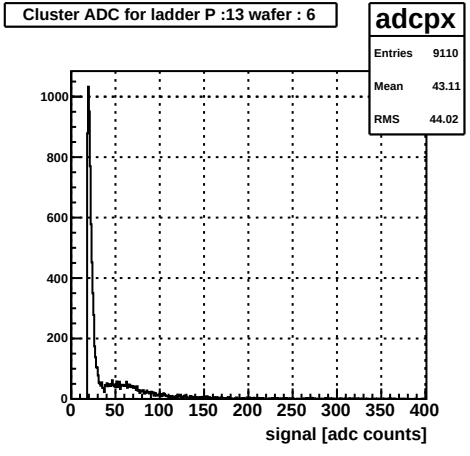

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5698
Mean 62.41
RMS 58.59
signal [adc counts]

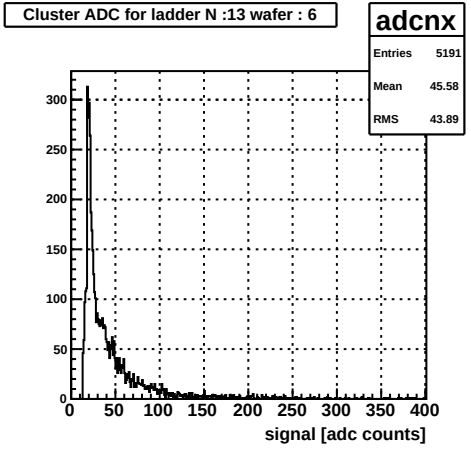

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5356
Mean 58.43
RMS 51.65
signal [adc counts]

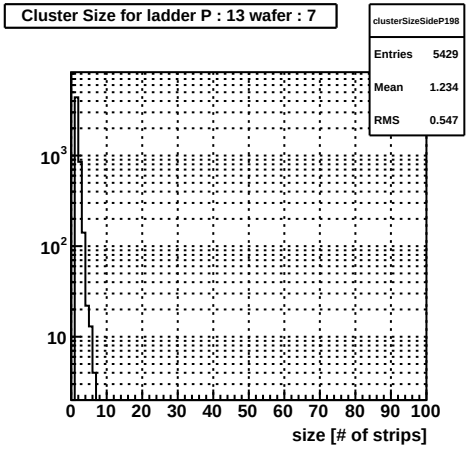

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9110
Mean 1.153
RMS 0.4478
size [# of strips]

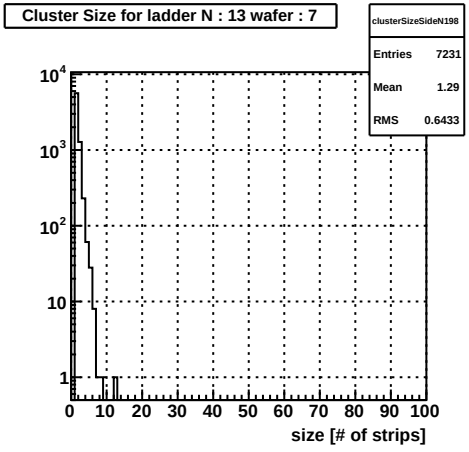

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5191
Mean 1.25
RMS 0.5735
size [# of strips]

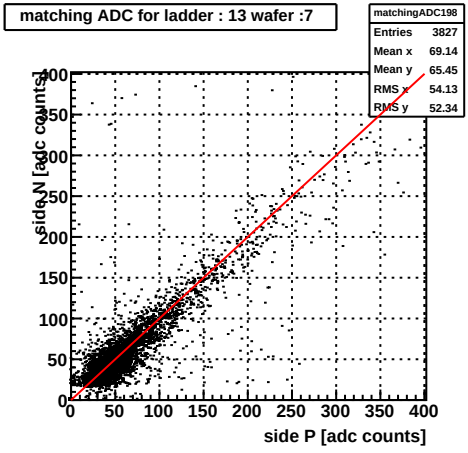

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 2653
Mean x 68.12
Mean y 51.03
RMS x 54.98
RMS y 44.01
side N [adc counts]
side P [adc counts]

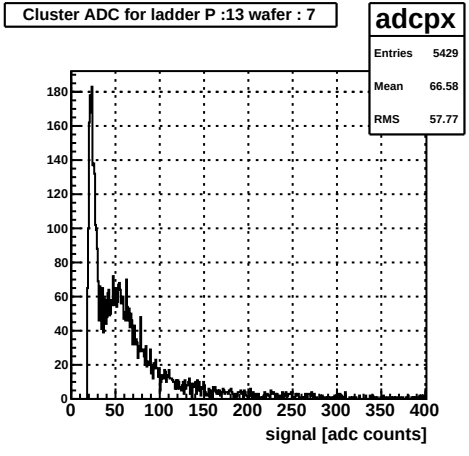

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9110
Mean 43.11
RMS 44.02
signal [adc counts]

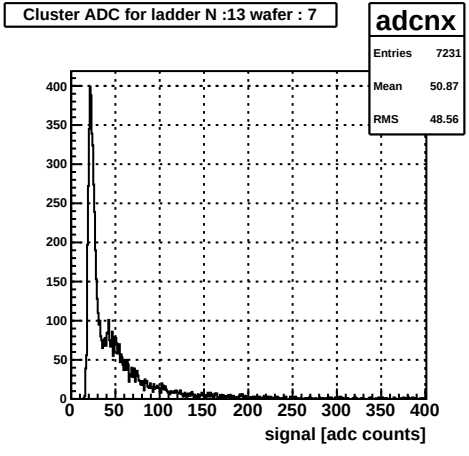

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5191
Mean 45.58
RMS 43.89
signal [adc counts]

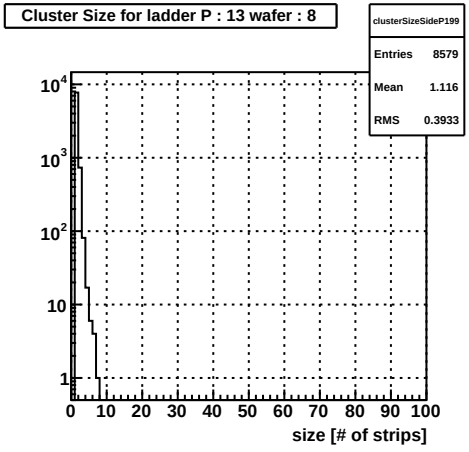

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 5429
Mean 1.234
RMS 0.547
size [# of strips]

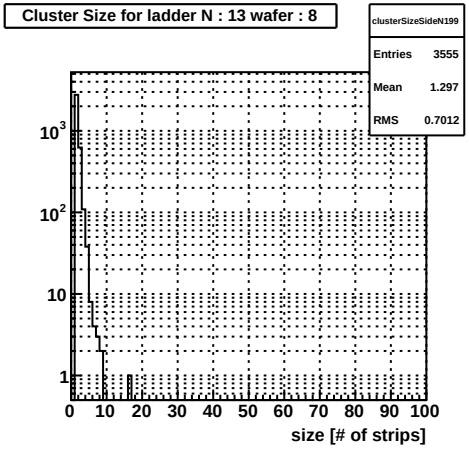

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 7231
Mean 1.29
RMS 0.6433
size [# of strips]

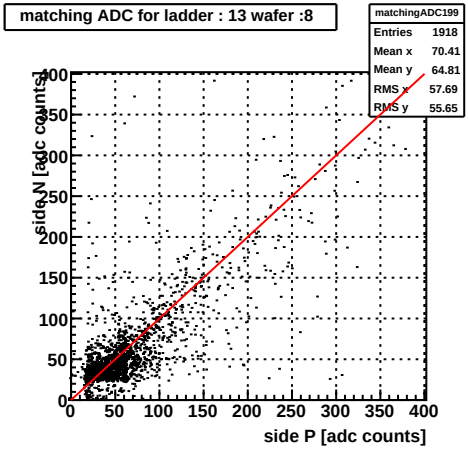

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 3827
Mean x 69.14
Mean y 65.45
RMS x 54.13
RMS y 52.34
side N [adc counts]
side P [adc counts]

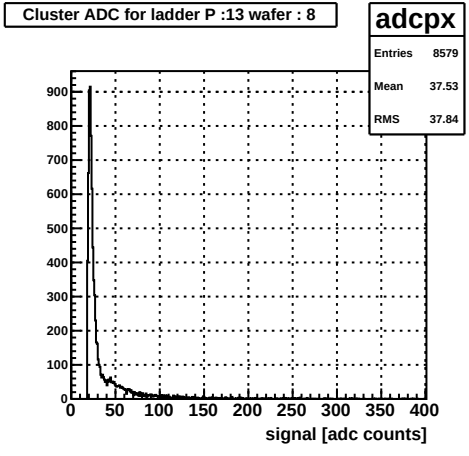

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 5429
Mean 66.58
RMS 57.77
signal [adc counts]

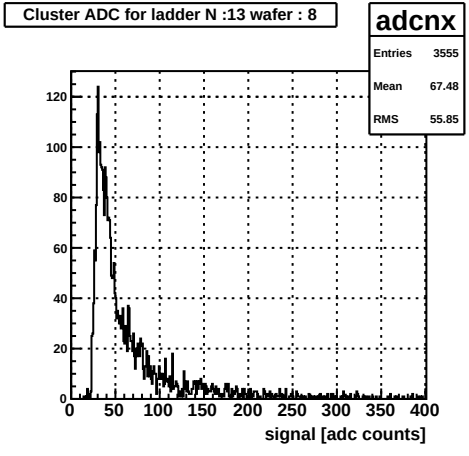

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 7231
Mean 50.87
RMS 48.56
signal [adc counts]

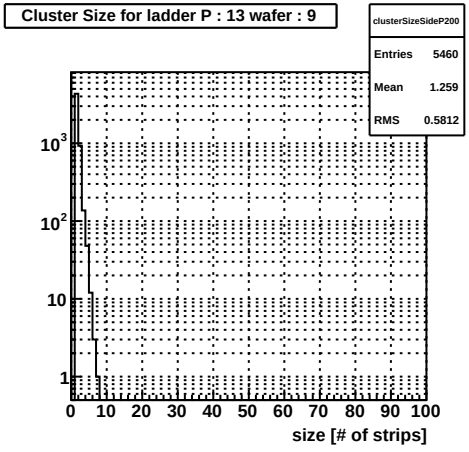

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8579
Mean 1.116
RMS 0.3933
size [# of strips]

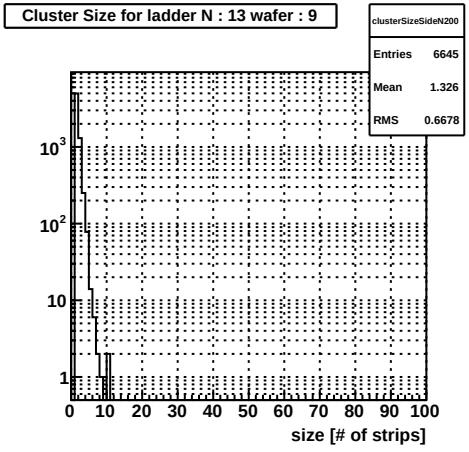

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3555
Mean 1.297
RMS 0.7012
size [# of strips]

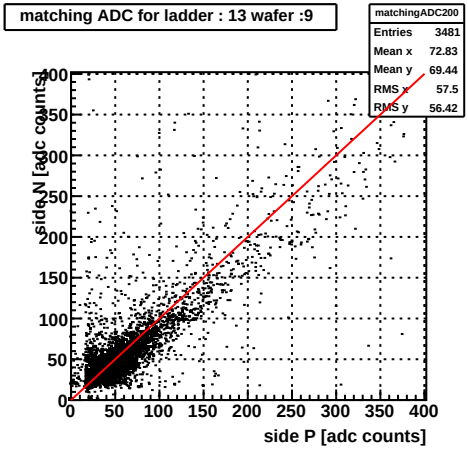

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 1918
Mean x 70.41
Mean y 64.81
RMS x 57.69
RMS y 55.65
side N [adc counts]
side P [adc counts]

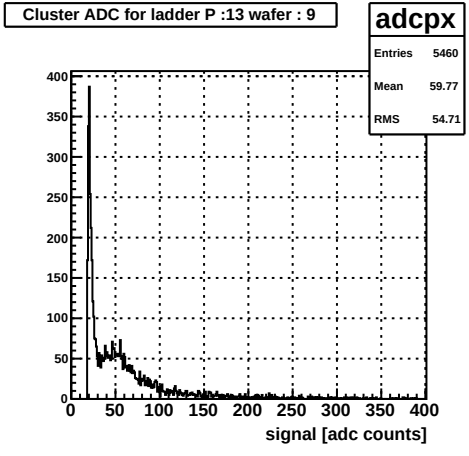

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8579
Mean 37.53
RMS 37.84
signal [adc counts]

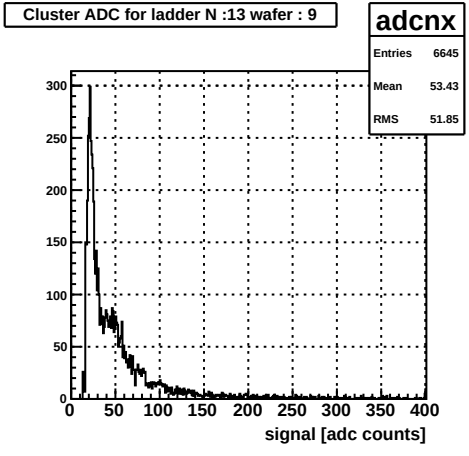

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3555
Mean 67.48
RMS 55.85
signal [adc counts]

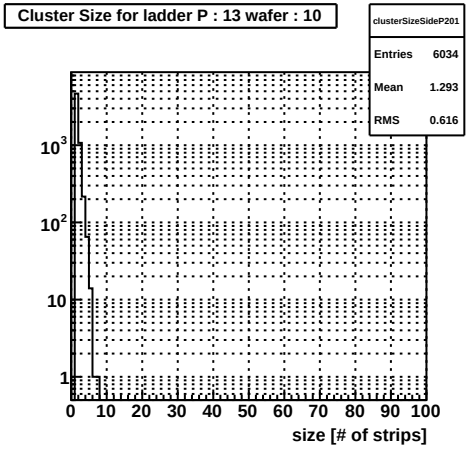

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5460
Mean 1.259
RMS 0.5812
size [# of strips]

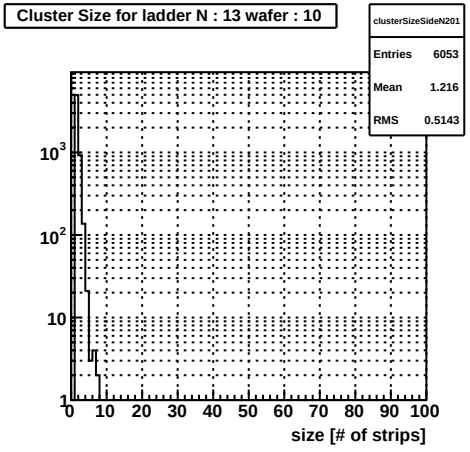

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6645
Mean 1.326
RMS 0.6678
size [# of strips]

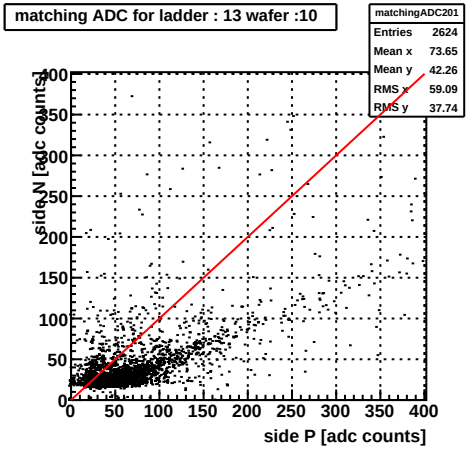

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 3481
Mean x 72.83
Mean y 69.44
RMS x 57.5
RMS y 56.42
side N [adc counts]
side P [adc counts]

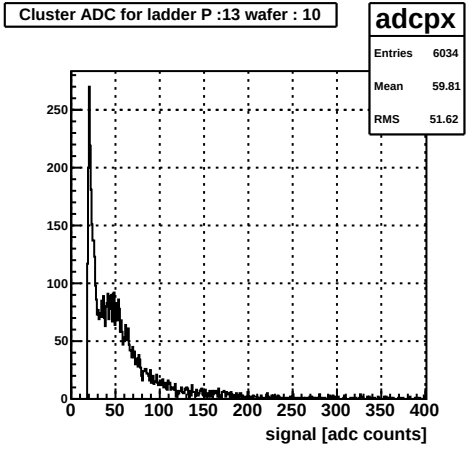

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5460
Mean 59.77
RMS 54.71
signal [adc counts]

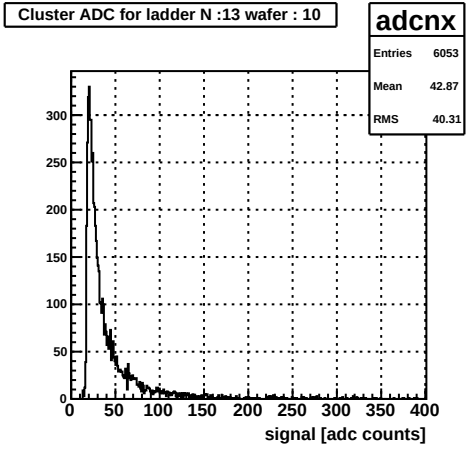

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6645
Mean 53.43
RMS 51.85
signal [adc counts]

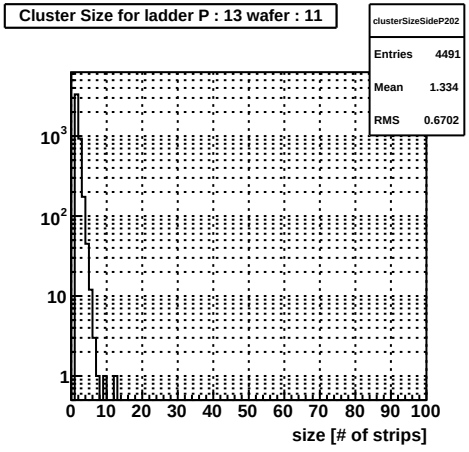

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 6034
Mean 1.293
RMS 0.616
size [# of strips]

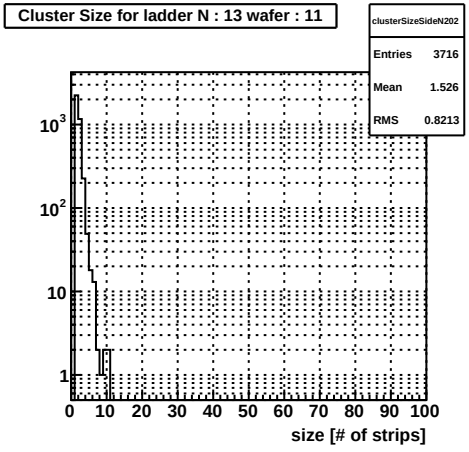

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 6053
Mean 1.216
RMS 0.5143
size [# of strips]

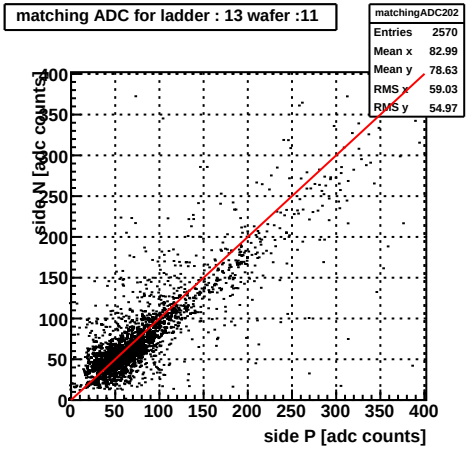

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 2624
Mean x 73.65
Mean y 42.26
RMS x 59.09
RMS y 37.74
side N [adc counts]
side P [adc counts]

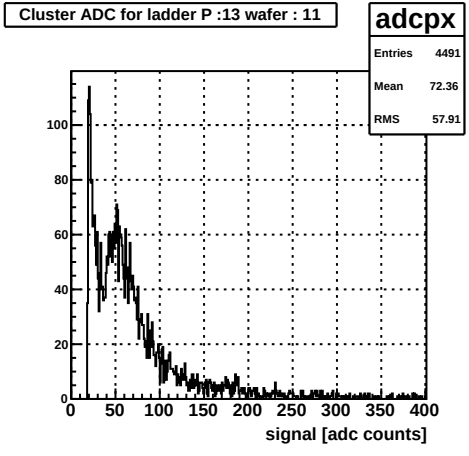

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 6034
Mean 59.81
RMS 51.62
signal [adc counts]

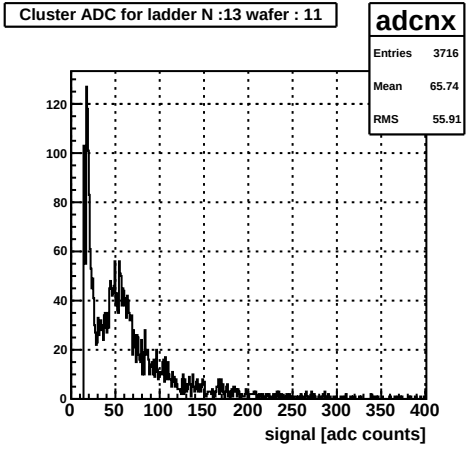

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 6053
Mean 42.87
RMS 40.31
signal [adc counts]

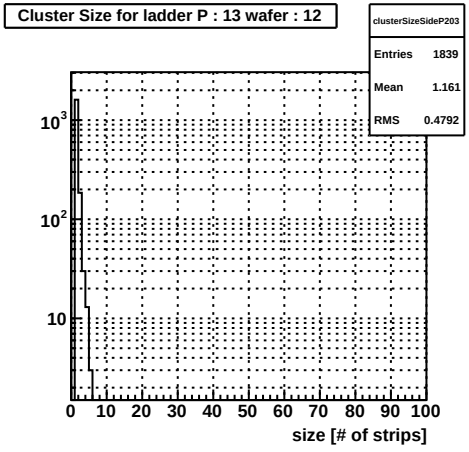

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4491
Mean 1.334
RMS 0.6702
size [# of strips]

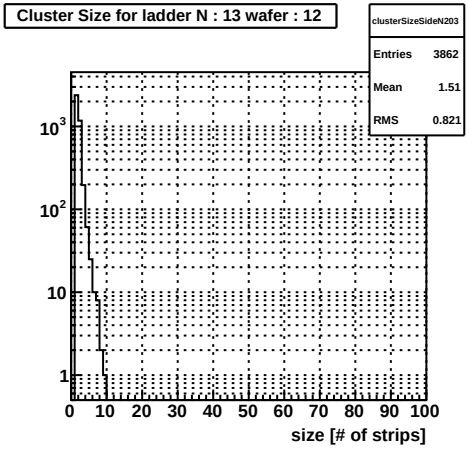

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3716
Mean 1.526
RMS 0.8213
size [# of strips]

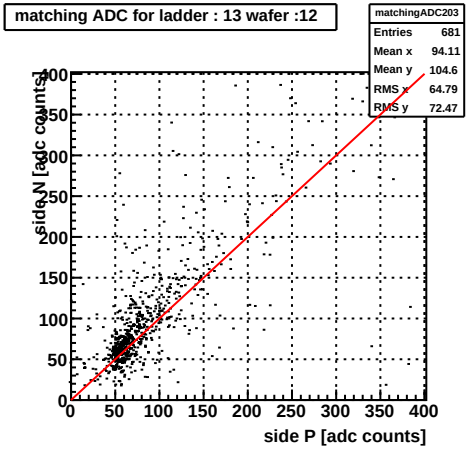

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 2570
Mean x 82.99
Mean y 78.63
RMS x 59.03
RMS y 54.97
side N [adc counts]
side P [adc counts]

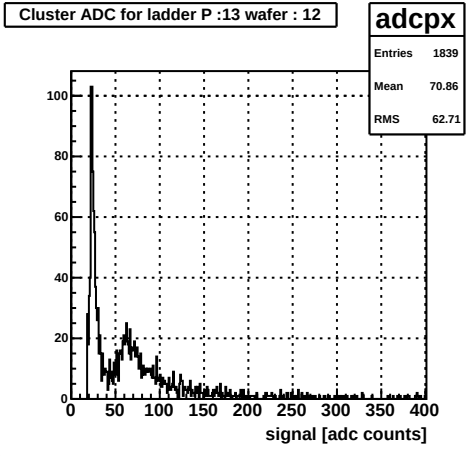

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4491
Mean 72.36
RMS 57.91
signal [adc counts]

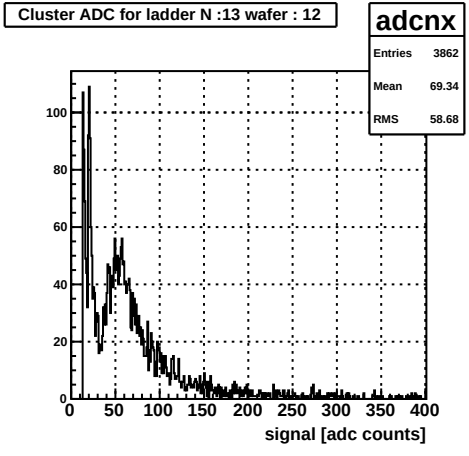

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3716
Mean 65.74
RMS 55.91
signal [adc counts]

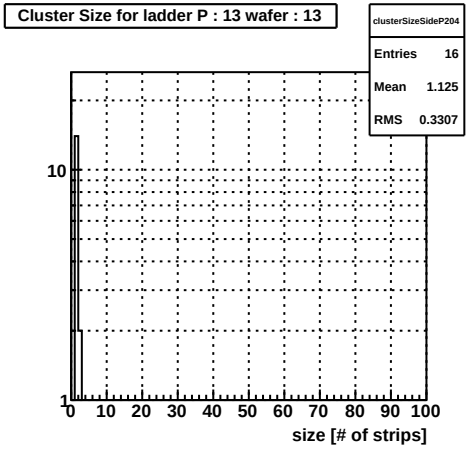

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1839
Mean 1.161
RMS 0.4792
size [# of strips]

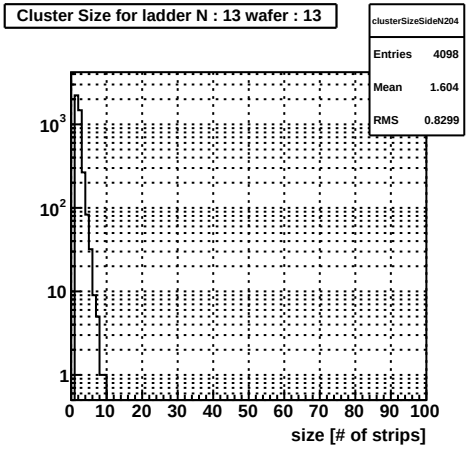

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 3862
Mean 1.51
RMS 0.821
size [# of strips]

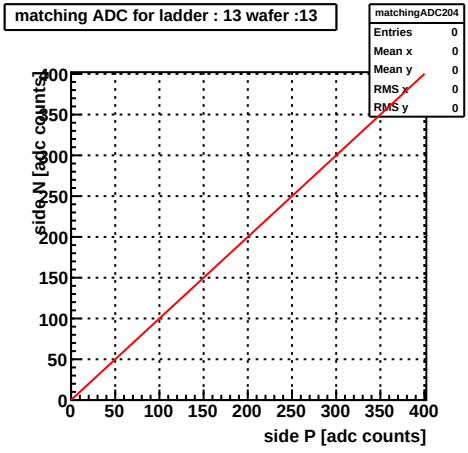

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 681
Mean x 94.11
Mean y 104.6
RMS x 64.79
RMS y 72.47
side N [adc counts]
side P [adc counts]

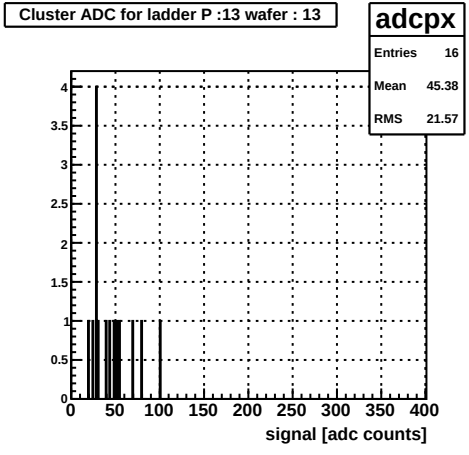

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1839
Mean 70.86
RMS 62.71
signal [adc counts]

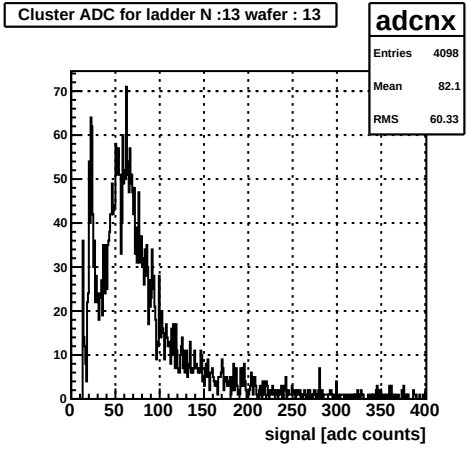

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 3862
Mean 69.34
RMS 58.68
signal [adc counts]

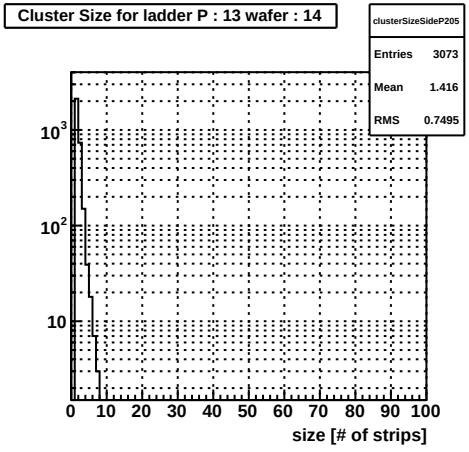

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

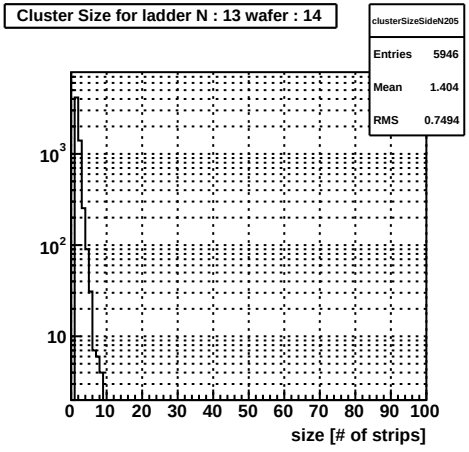

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 4098
Mean 1.604
RMS 0.8299
size [# of strips]

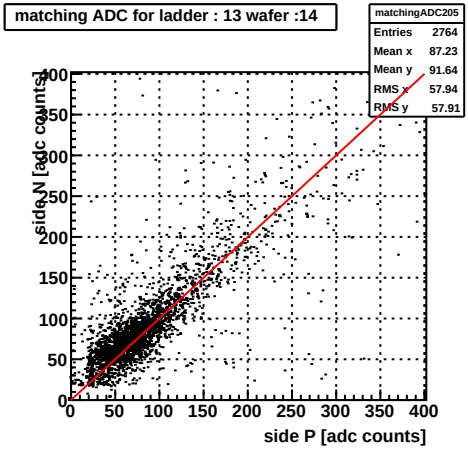

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

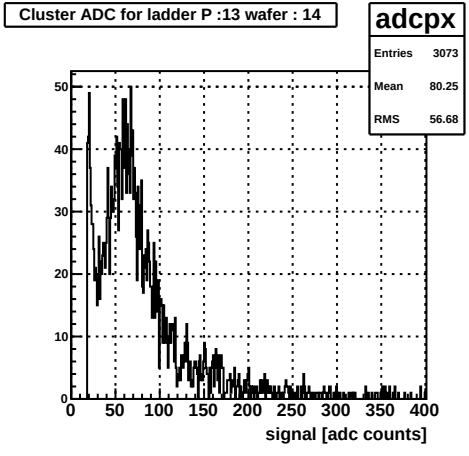

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 16
Mean 45.38
RMS 21.57
signal [adc counts]

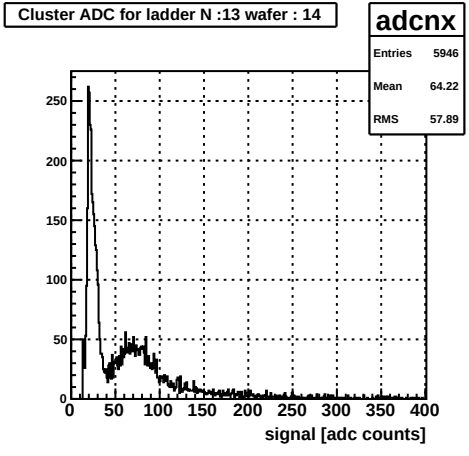

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 4098
Mean 82.1
RMS 60.33
signal [adc counts]

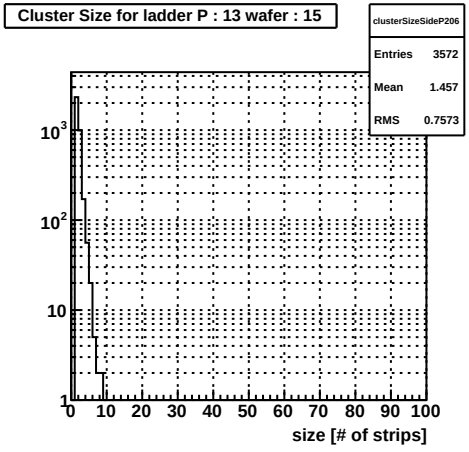

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 3073
Mean 1.416
RMS 0.7495
size [# of strips]

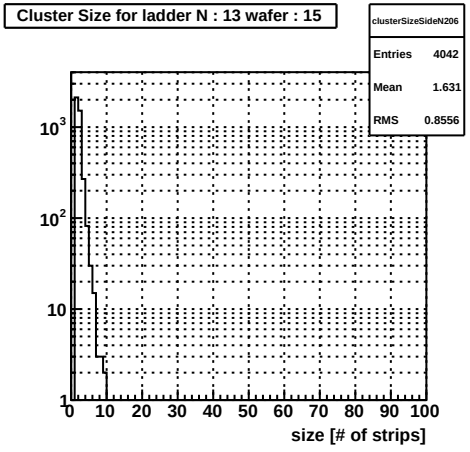

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5946
Mean 1.404
RMS 0.7494
size [# of strips]

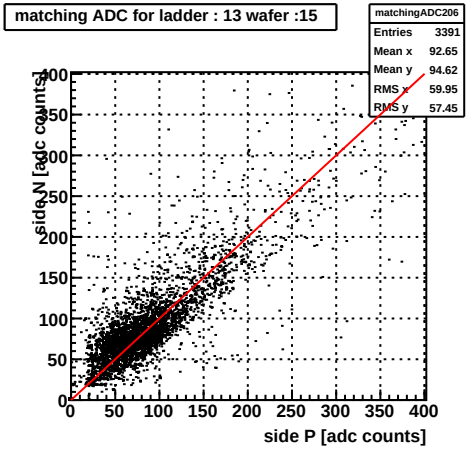

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 2764
Mean x 87.23
Mean y 91.64
RMS x 57.94
RMS y 57.91
side N [adc counts]
side P [adc counts]

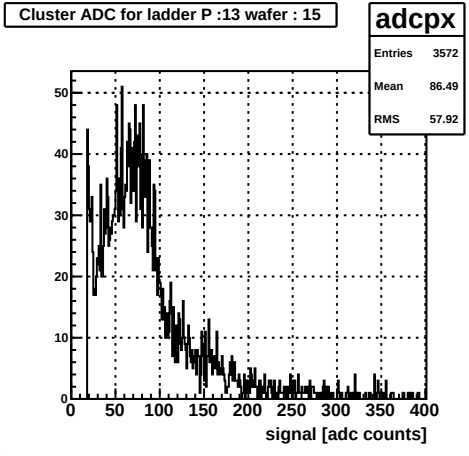

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 3073
Mean 80.25
RMS 56.68
signal [adc counts]

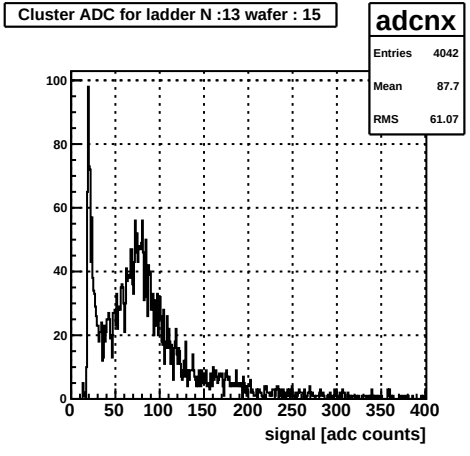

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5946
Mean 64.22
RMS 57.89
signal [adc counts]

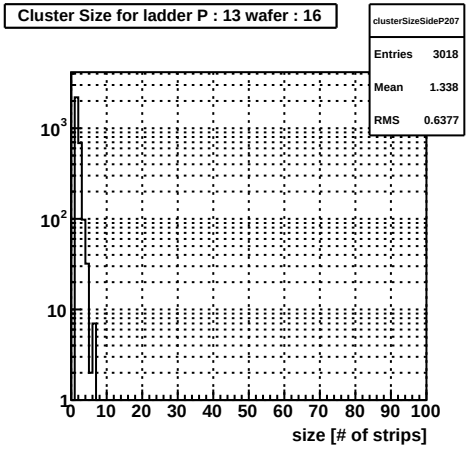

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 3572
Mean 1.457
RMS 0.7573
size [# of strips]

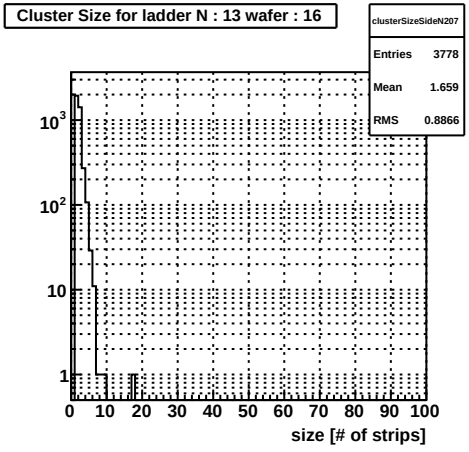

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 4042
Mean 1.631
RMS 0.8556
size [# of strips]

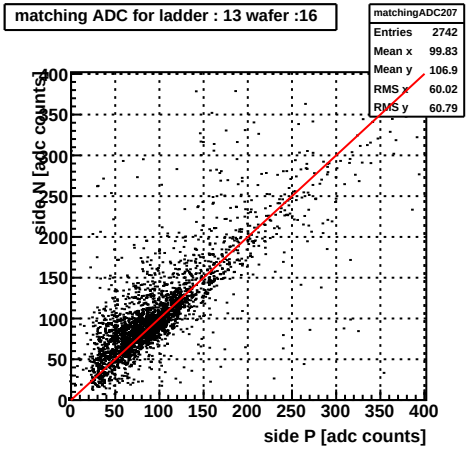

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 3391
Mean x 92.65
Mean y 94.62
RMS x 59.95
RMS y 57.45
side N [adc counts]
side P [adc counts]

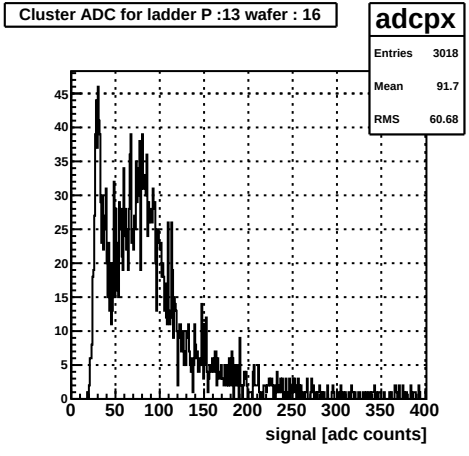

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 3572
Mean 86.49
RMS 57.92
signal [adc counts]

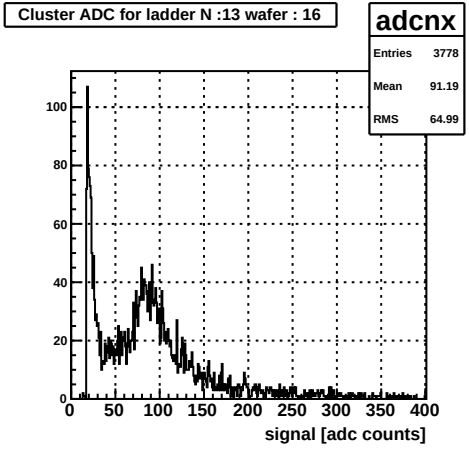

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 4042
Mean 87.7
RMS 61.07
signal [adc counts]

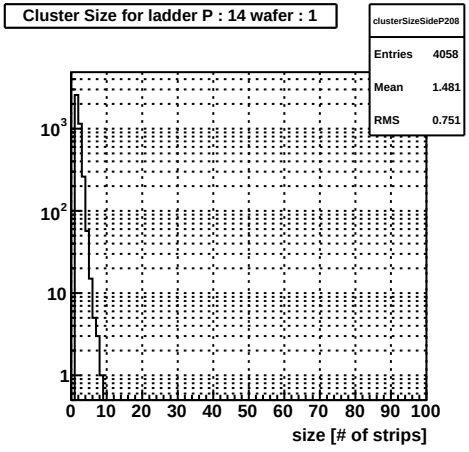

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3018
Mean 1.338
RMS 0.6377
size [# of strips]

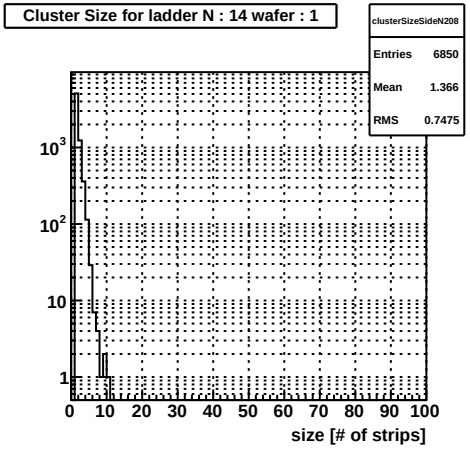

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 3778
Mean 1.659
RMS 0.8866
size [# of strips]

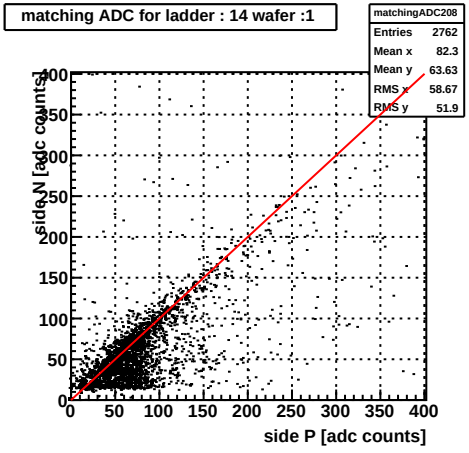

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 2742
Mean x 99.83
Mean y 106.9
RMS x 60.02
RMS y 60.79
side N [adc counts]
side P [adc counts]

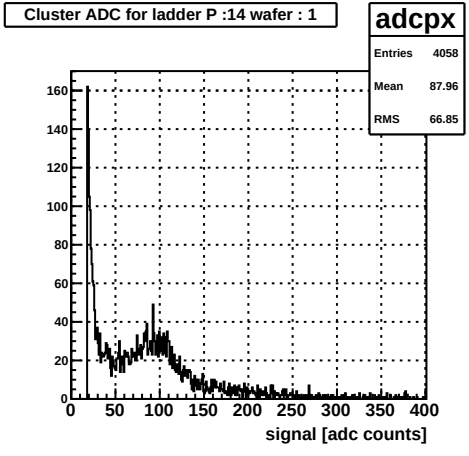

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3018
Mean 91.7
RMS 60.68
signal [adc counts]

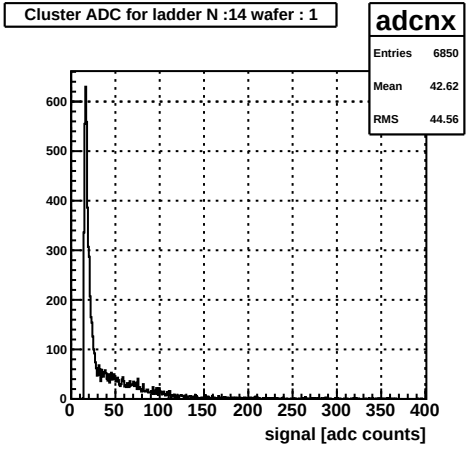

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 3778
Mean 91.19
RMS 64.99
signal [adc counts]

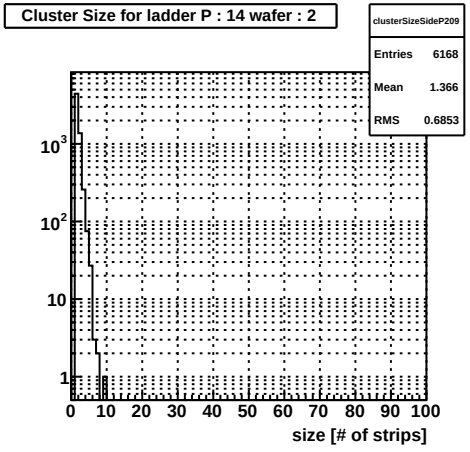

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4058
Mean 1.481
RMS 0.751
size [# of strips]

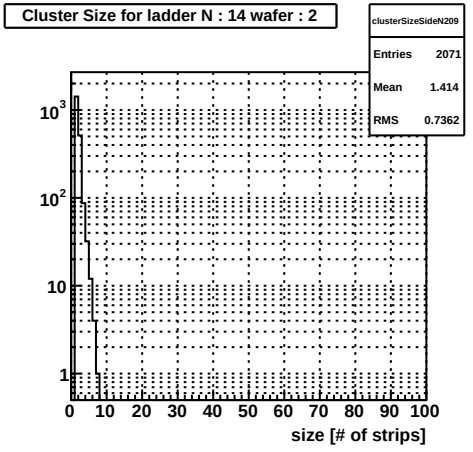

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6850
Mean 1.366
RMS 0.7475
size [# of strips]

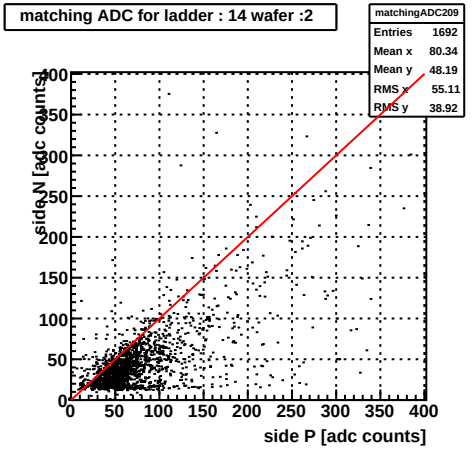

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 2762
Mean x 82.3
Mean y 63.63
RMS x 58.67
RMS y 51.9
side N [adc counts]
side P [adc counts]

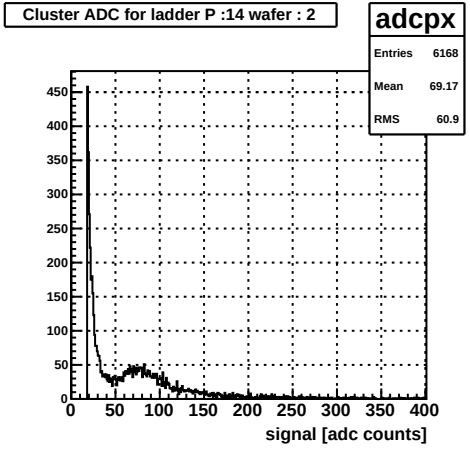

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4058
Mean 87.96
RMS 66.85
signal [adc counts]

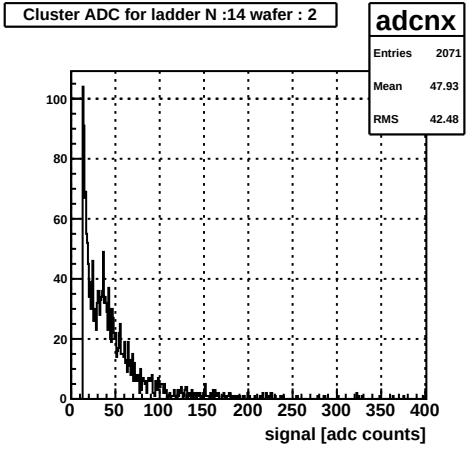

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6850
Mean 42.62
RMS 44.56
signal [adc counts]

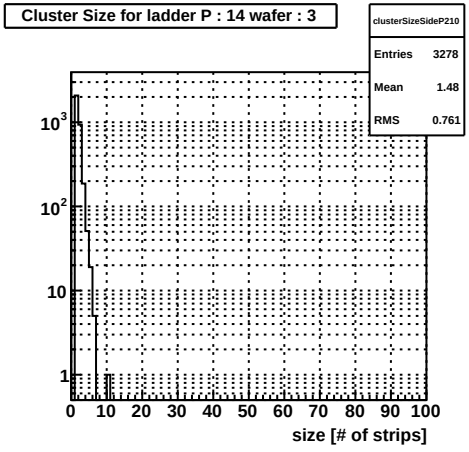

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6168
Mean 1.366
RMS 0.6853
size [# of strips]

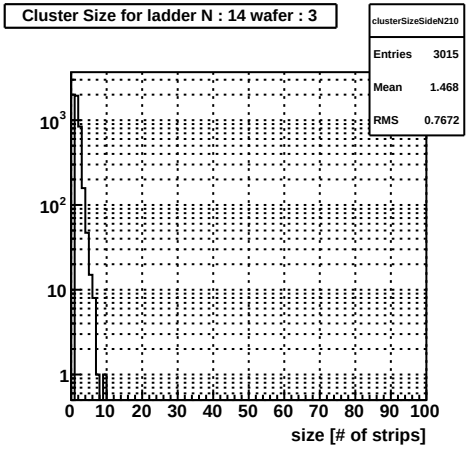

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 2071
Mean 1.414
RMS 0.7362
size [# of strips]

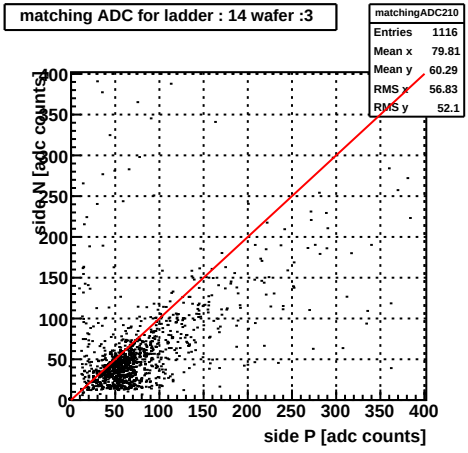

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1692
Mean x 80.34
Mean y 48.19
RMS x 55.11
RMS y 38.92
side N [adc counts]
side P [adc counts]

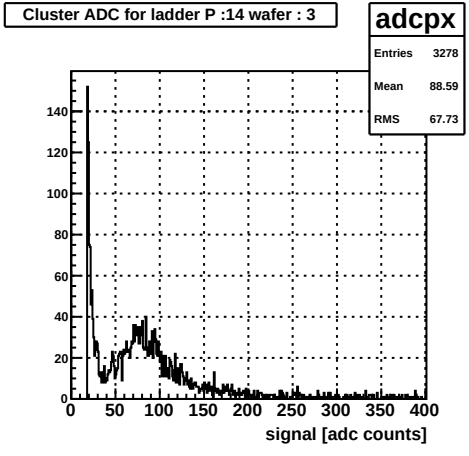

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6168
Mean 69.17
RMS 60.9
signal [adc counts]

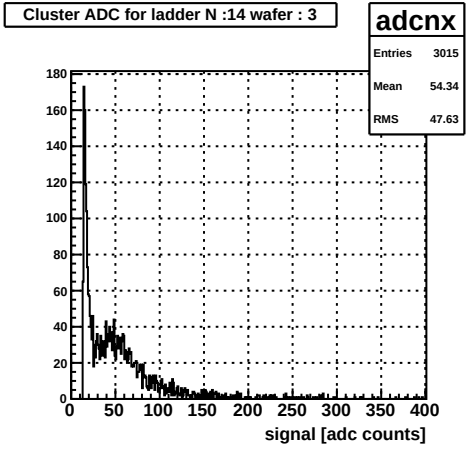

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 2071
Mean 47.93
RMS 42.48
signal [adc counts]

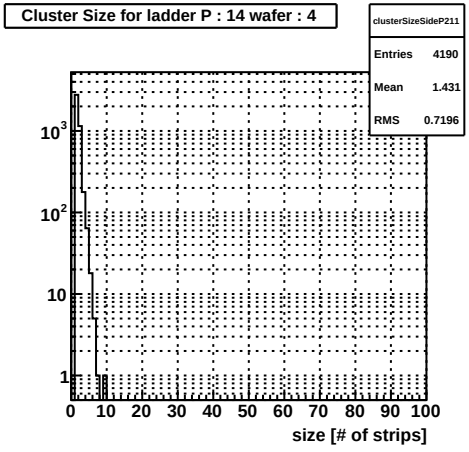

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3278
Mean 1.48
RMS 0.761
size [# of strips]

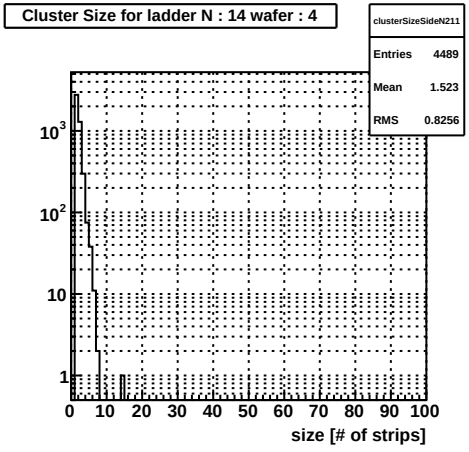

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 3015
Mean 1.468
RMS 0.7672
size [# of strips]

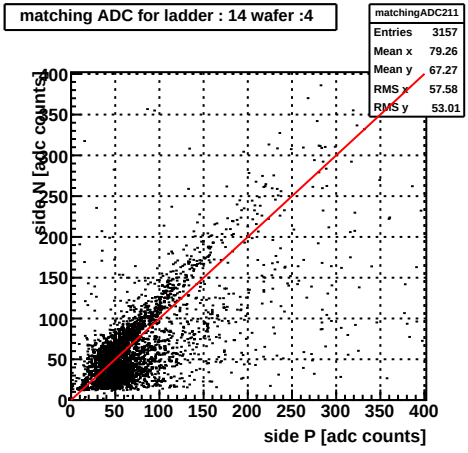

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 1116
Mean x 79.81
Mean y 60.29
RMS x 56.83
RMS y 52.1
side N [adc counts]
side P [adc counts]

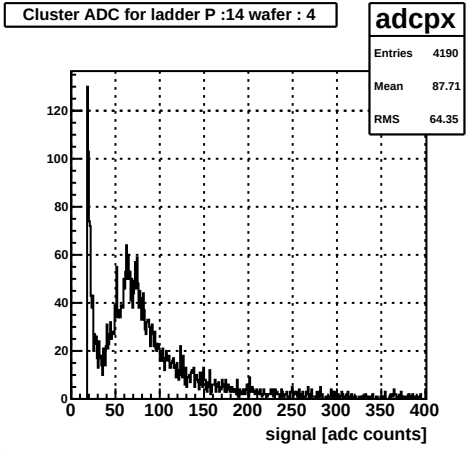

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3278
Mean 88.59
RMS 67.73
signal [adc counts]

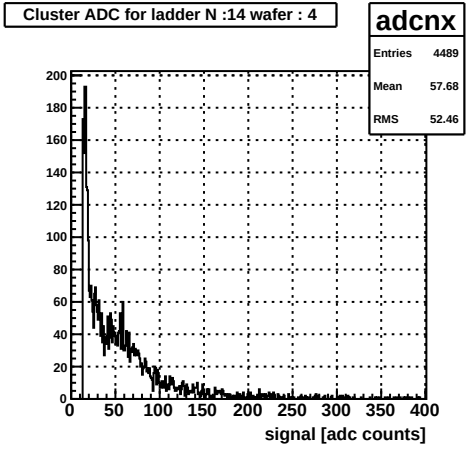

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 3015
Mean 54.34
RMS 47.63
signal [adc counts]

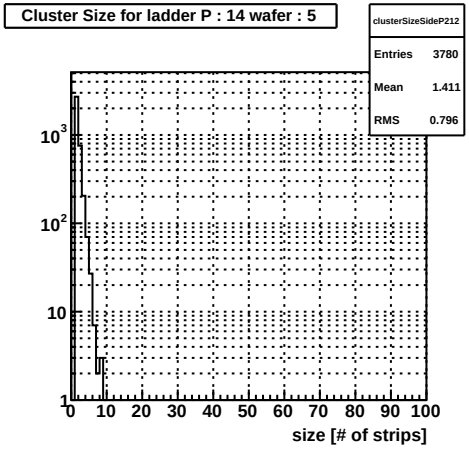

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4190
Mean 1.431
RMS 0.7196
size [# of strips]

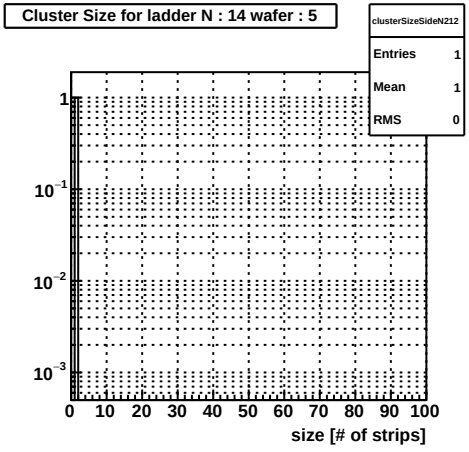

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 4489
Mean 1.523
RMS 0.8256
size [# of strips]

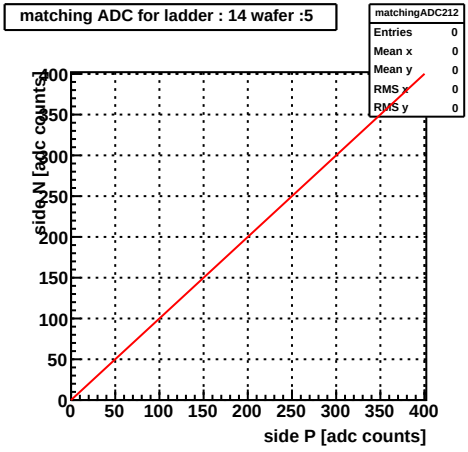

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 3157
Mean x 79.26
Mean y 67.27
RMS x 57.58
RMS y 53.01
side N [adc counts]
side P [adc counts]

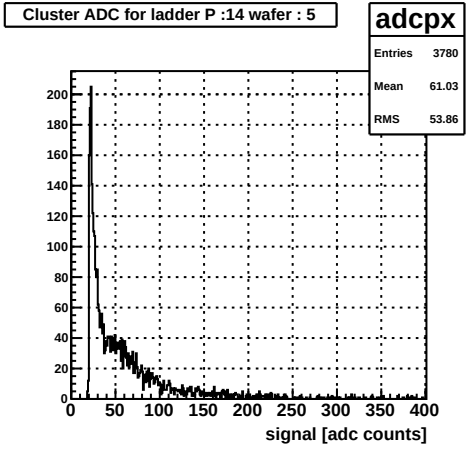

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4190
Mean 87.71
RMS 64.35
signal [adc counts]

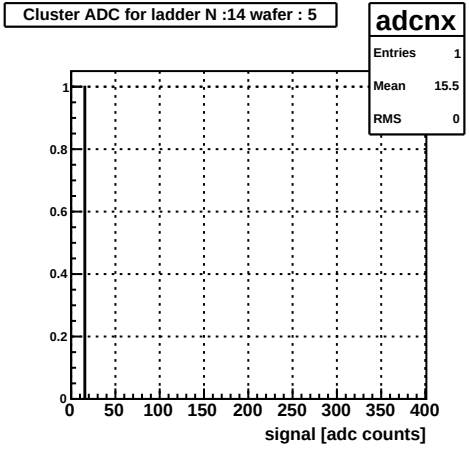

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 4489
Mean 57.68
RMS 52.46
signal [adc counts]

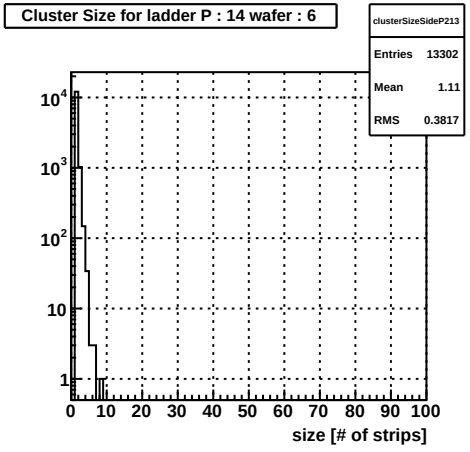

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3780
Mean 1.411
RMS 0.796
size [# of strips]

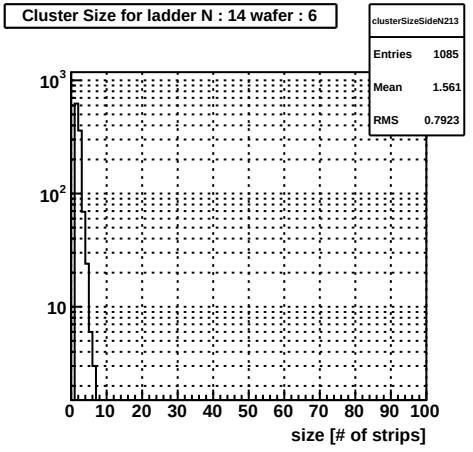

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 1
Mean 1
RMS 0
size [# of strips]

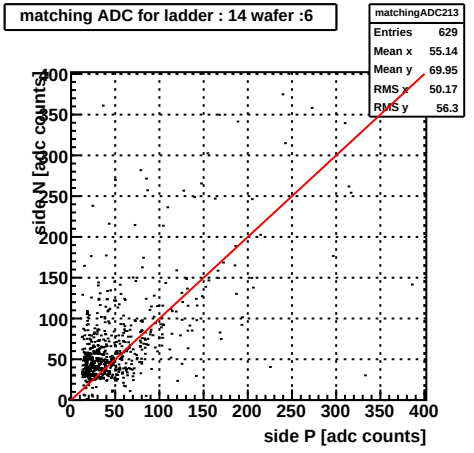

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

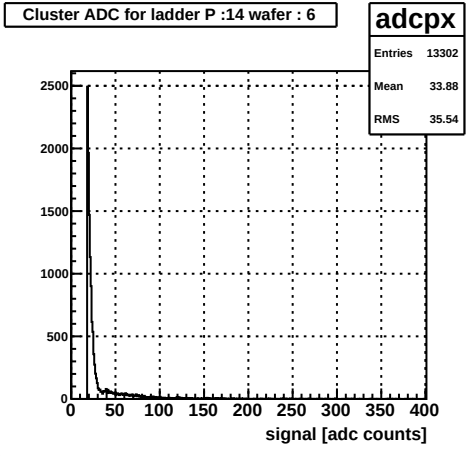

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3780
Mean 61.03
RMS 53.86
signal [adc counts]

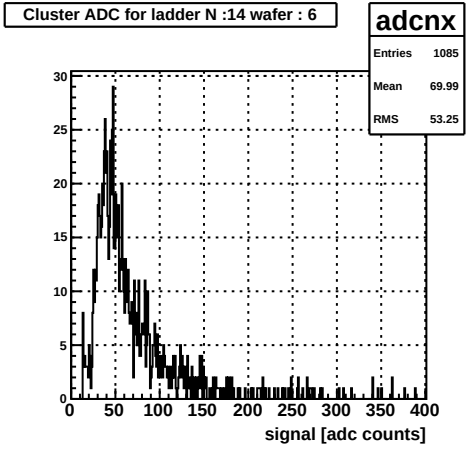

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 1
Mean 15.5
RMS 0
signal [adc counts]

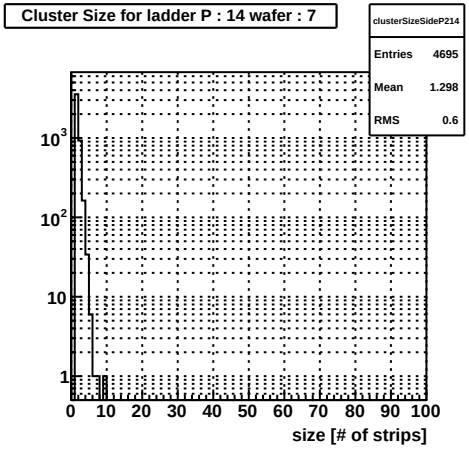

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 13302
Mean 1.11
RMS 0.3817
size [# of strips]

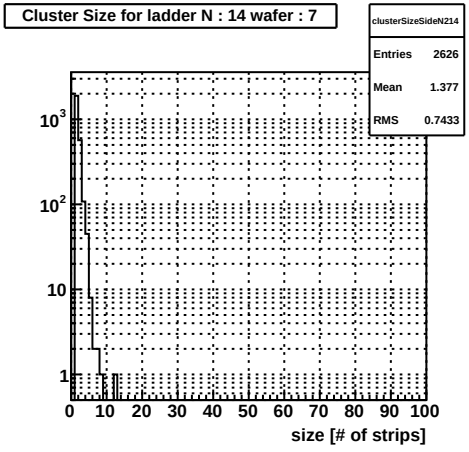

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 1085
Mean 1.561
RMS 0.7923
size [# of strips]

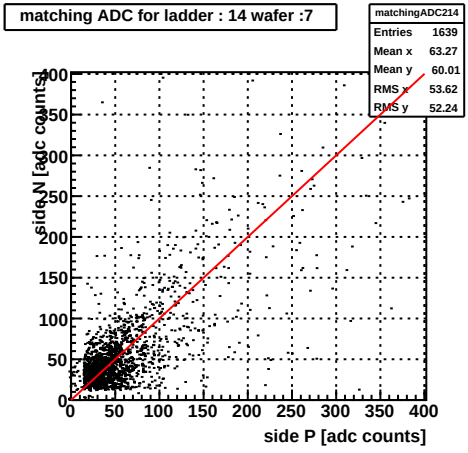

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 629
Mean x 55.14
Mean y 69.95
RMS x 50.17
RMS y 56.3
side N [adc counts]
side P [adc counts]

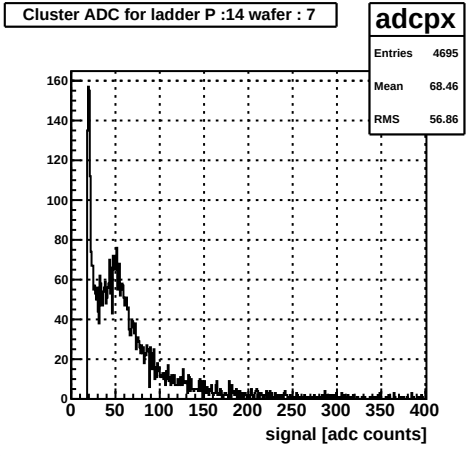

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 13302
Mean 33.88
RMS 35.54
signal [adc counts]

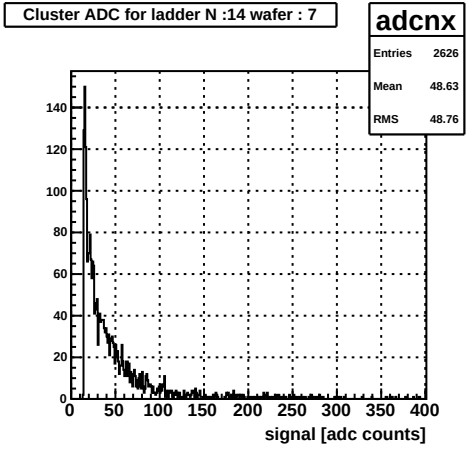

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 1085
Mean 69.99
RMS 53.25
signal [adc counts]

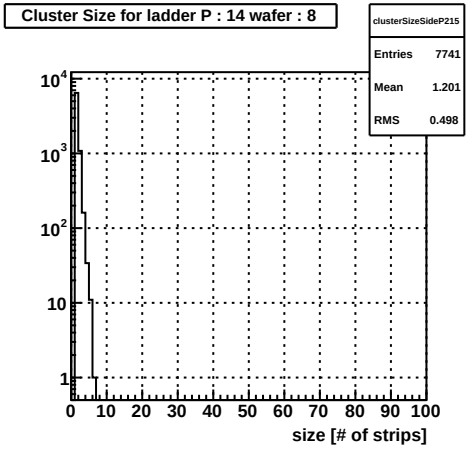

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 4695
Mean 1.298
RMS 0.6
size [# of strips]

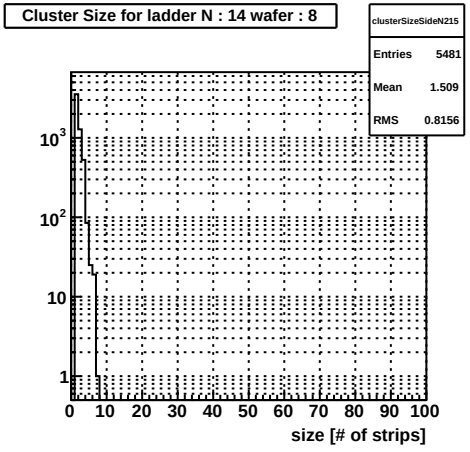

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2626
Mean 1.377
RMS 0.7433
size [# of strips]

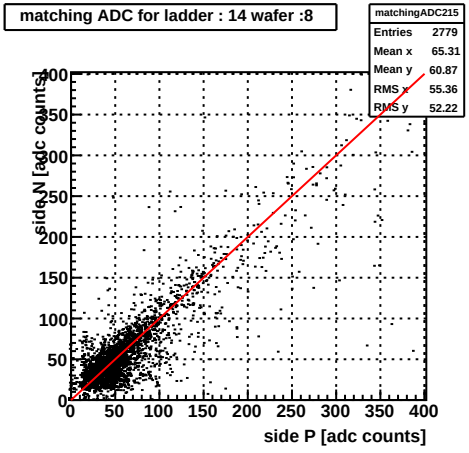

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1639
Mean x 63.27
Mean y 60.01
RMS x 53.62
RMS y 52.24
side N [adc counts]
side P [adc counts]

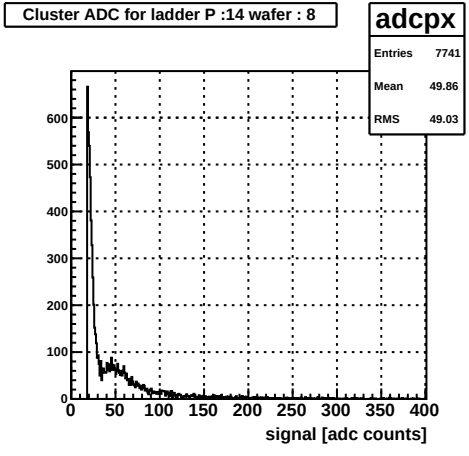

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 4695
Mean 68.46
RMS 56.86
signal [adc counts]

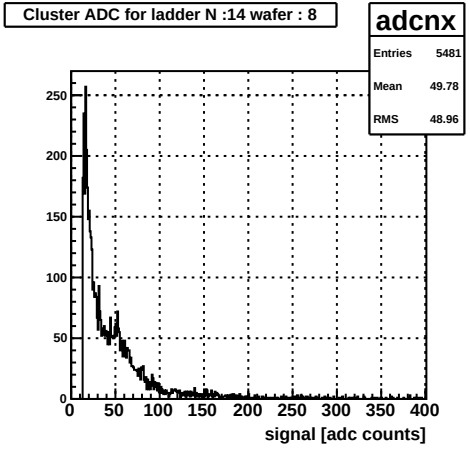

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2626
Mean 48.63
RMS 48.76
signal [adc counts]

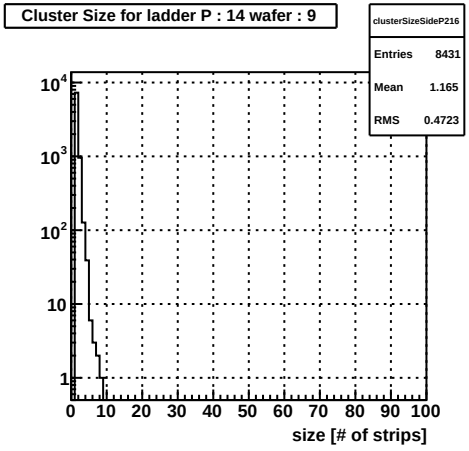

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7741
Mean 1.201
RMS 0.498
size [# of strips]

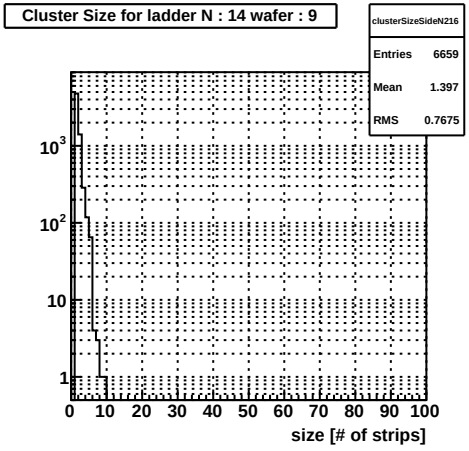

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5481
Mean 1.509
RMS 0.8156
size [# of strips]

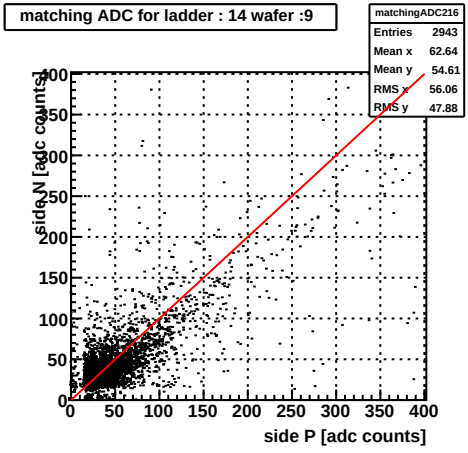

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 2779
Mean x 65.31
Mean y 60.87
RMS x 55.36
RMS y 52.22
side N [adc counts]
side P [adc counts]

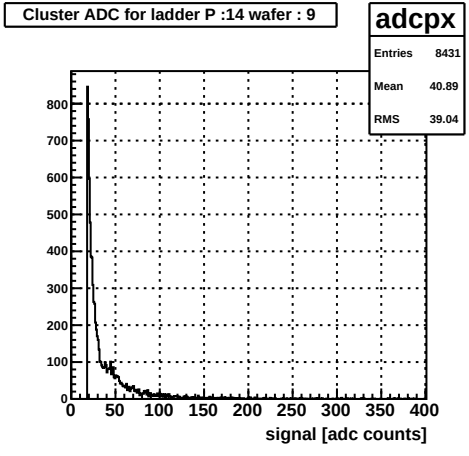

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7741
Mean 49.86
RMS 49.03
signal [adc counts]

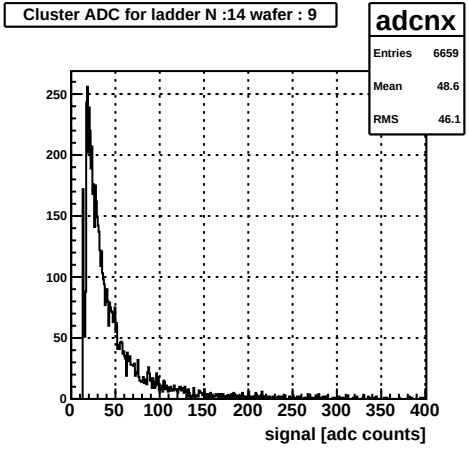

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5481
Mean 49.78
RMS 48.96
signal [adc counts]

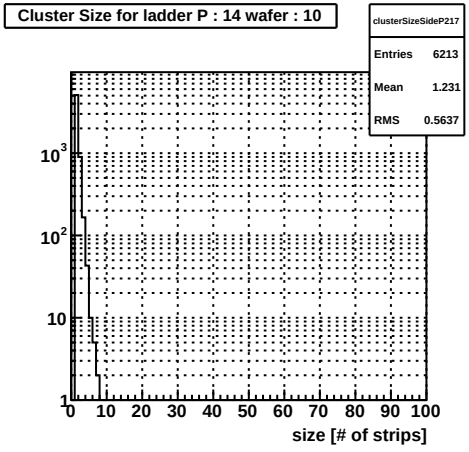

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 8431
Mean 1.165
RMS 0.4723
size [# of strips]

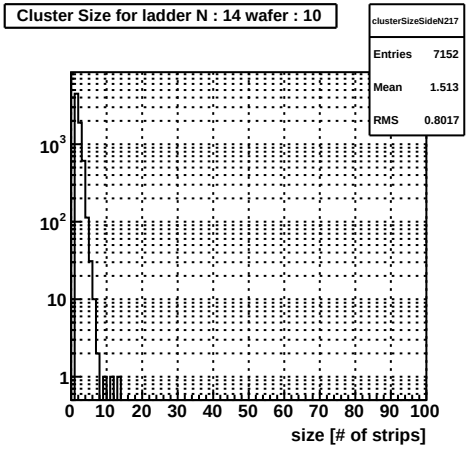

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6659
Mean 1.397
RMS 0.7675
size [# of strips]

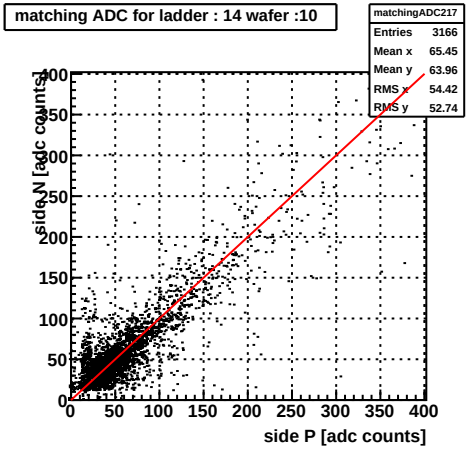

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 2943
Mean x 62.64
Mean y 54.61
RMS x 56.06
RMS y 47.88
side N [adc counts]
side P [adc counts]

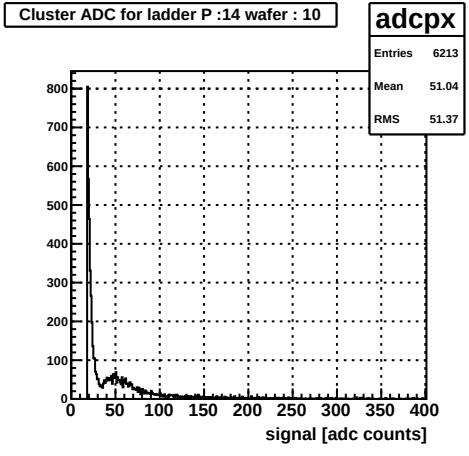

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 8431
Mean 40.89
RMS 39.04
signal [adc counts]

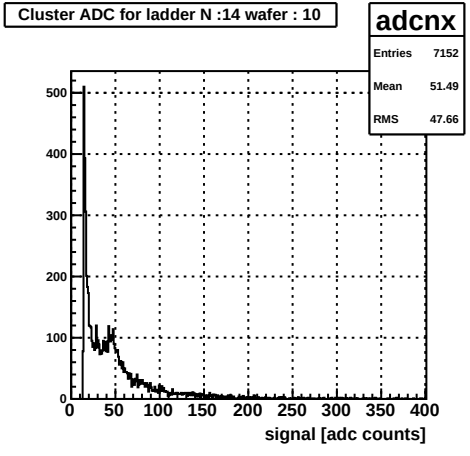

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6659
Mean 48.6
RMS 46.1
signal [adc counts]

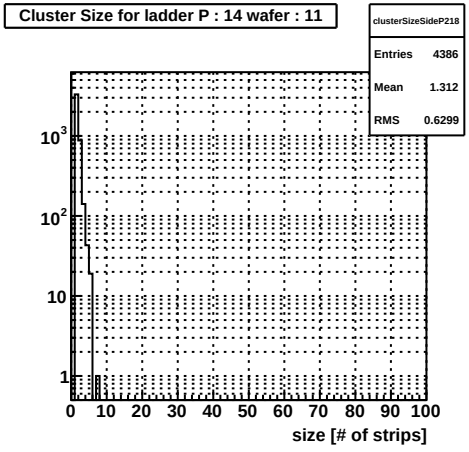

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6213
Mean 1.231
RMS 0.5637
size [# of strips]

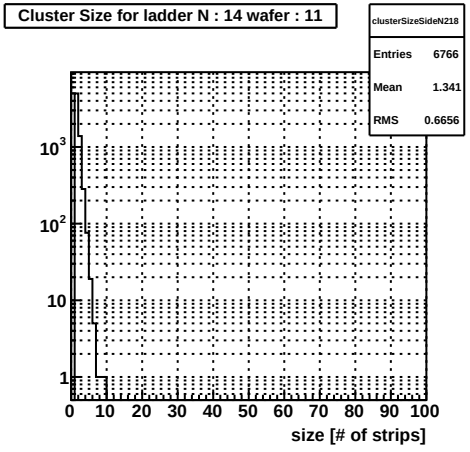

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7152
Mean 1.513
RMS 0.8017
size [# of strips]

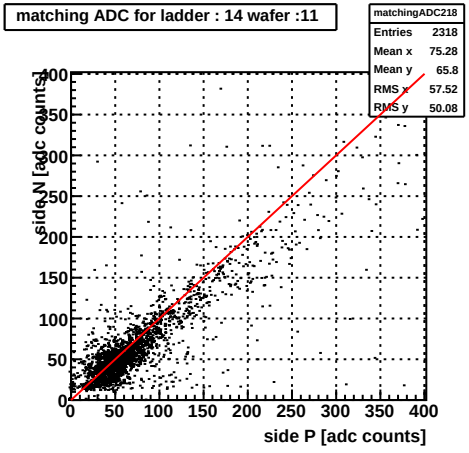

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 3166
Mean x 65.45
Mean y 63.96
RMS x 54.42
RMS y 52.74
side N [adc counts]
side P [adc counts]

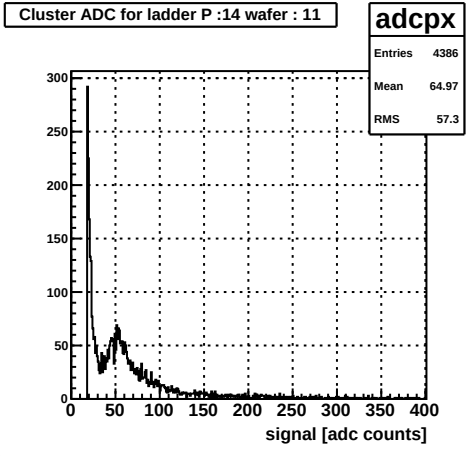

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6213
Mean 51.04
RMS 51.37
signal [adc counts]

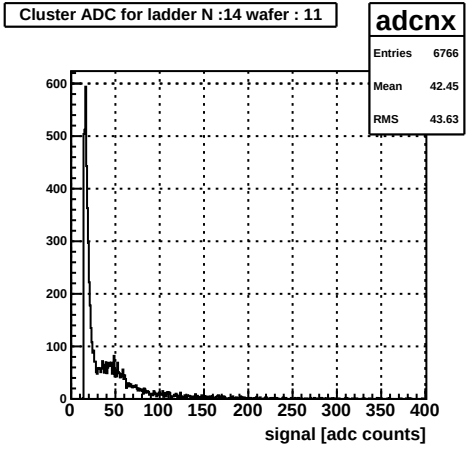

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7152
Mean 51.49
RMS 47.66
signal [adc counts]

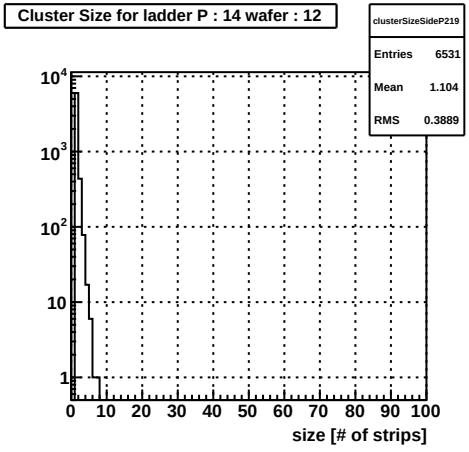

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 4386
Mean 1.312
RMS 0.6299
size [# of strips]

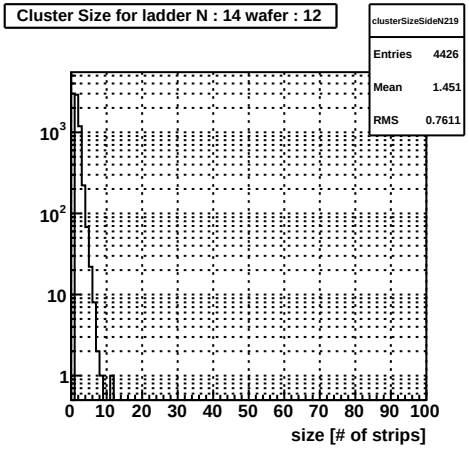

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6766
Mean 1.341
RMS 0.6656
size [# of strips]

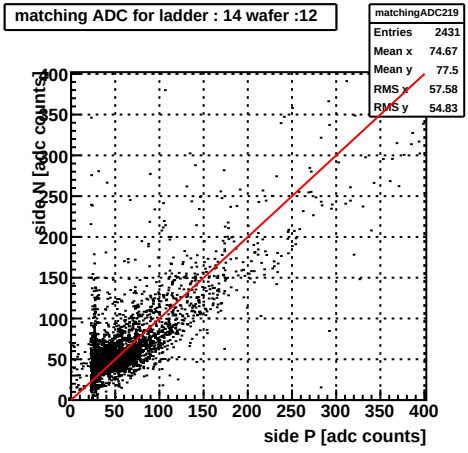

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 2318
Mean x 75.28
Mean y 65.8
RMS x 57.52
RMS y 50.08
side N [adc counts]
side P [adc counts]

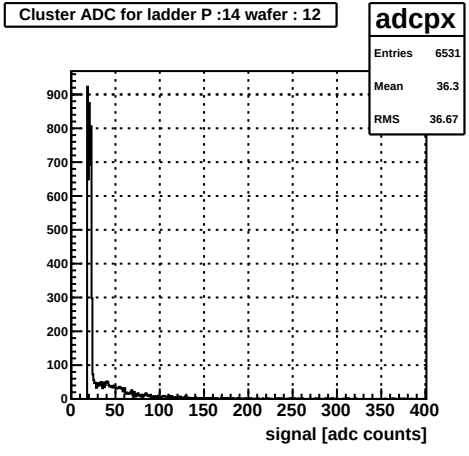

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 4386
Mean 64.97
RMS 57.3
signal [adc counts]

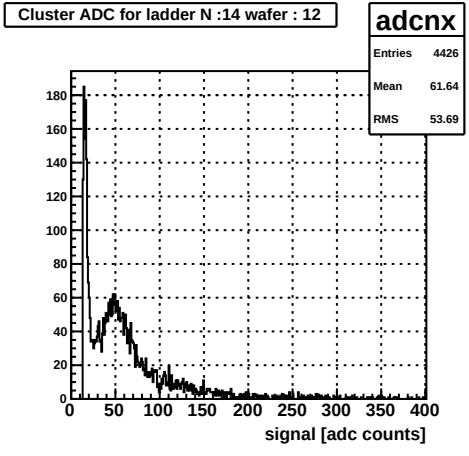

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6766
Mean 42.45
RMS 43.63
signal [adc counts]

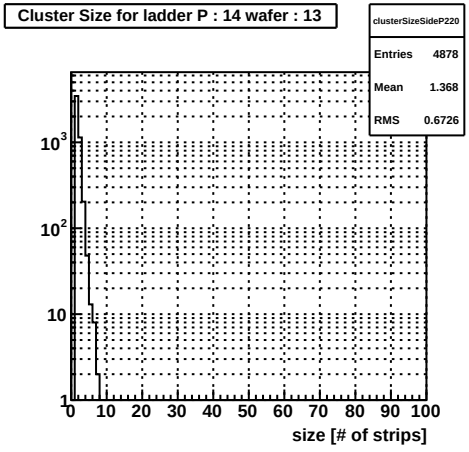

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 6531
Mean 1.104
RMS 0.3889
size [# of strips]

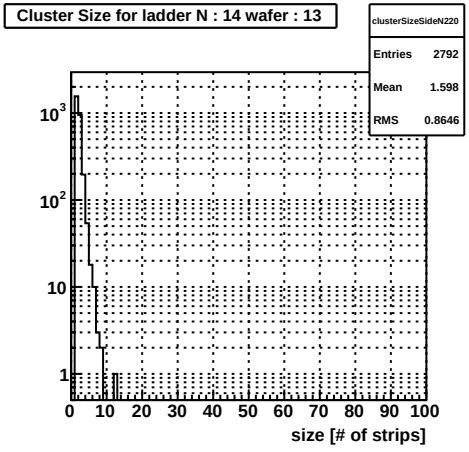

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 4426
Mean 1.451
RMS 0.7611
size [# of strips]

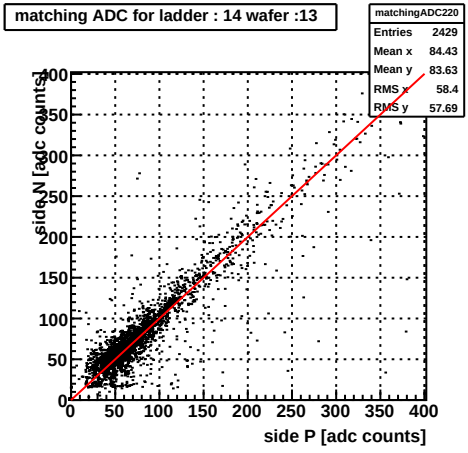

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 2431
Mean x 74.67
Mean y 77.5
RMS x 57.58
RMS y 54.83
side N [adc counts]
side P [adc counts]

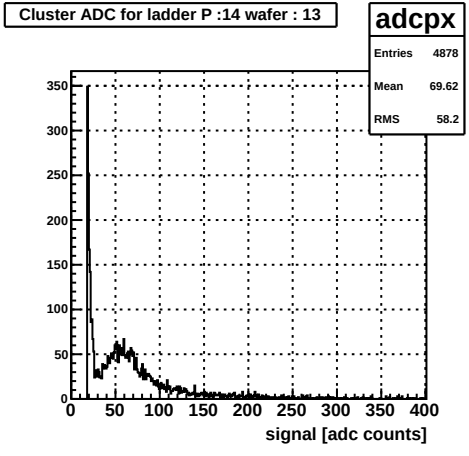

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 6531
Mean 36.3
RMS 36.67
signal [adc counts]

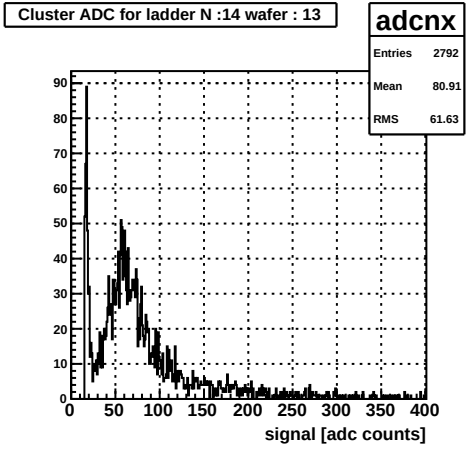

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 4426
Mean 61.64
RMS 53.69
signal [adc counts]

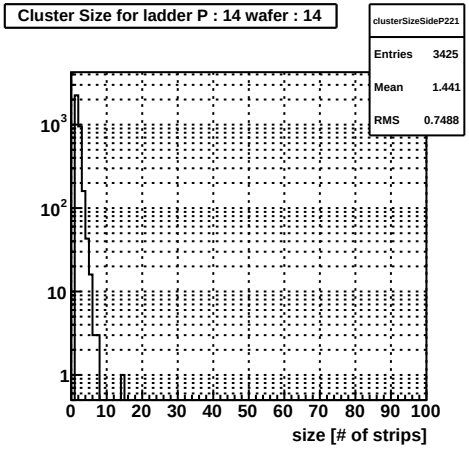

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4878
Mean 1.368
RMS 0.6726
size [# of strips]

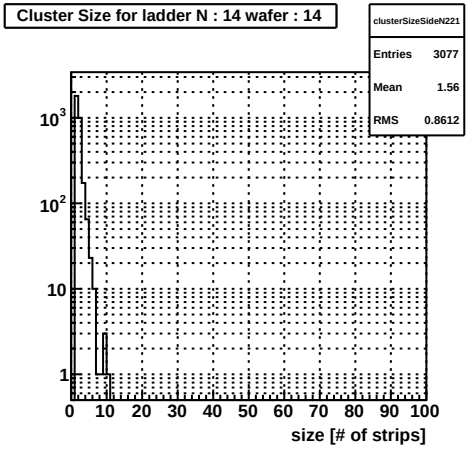

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 2792
Mean 1.598
RMS 0.8646
size [# of strips]

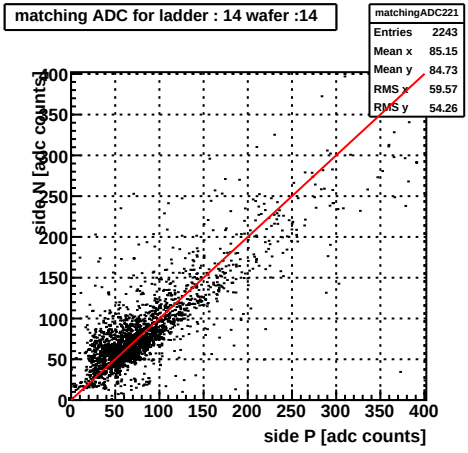

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 2429
Mean x 84.43
Mean y 83.63
RMS x 58.4
RMS y 57.69
side N [adc counts]
side P [adc counts]

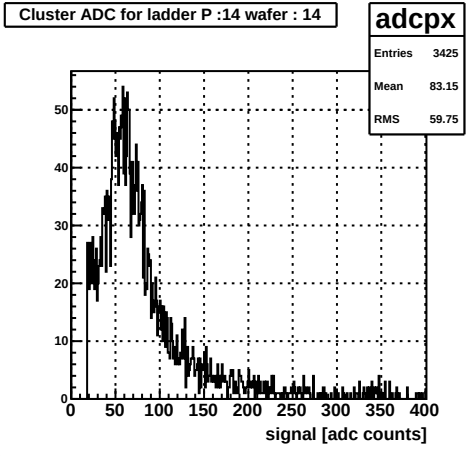

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4878
Mean 69.62
RMS 58.2
signal [adc counts]

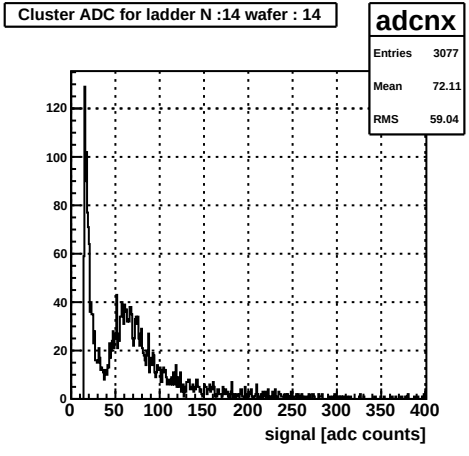

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 2792
Mean 80.91
RMS 61.63
signal [adc counts]

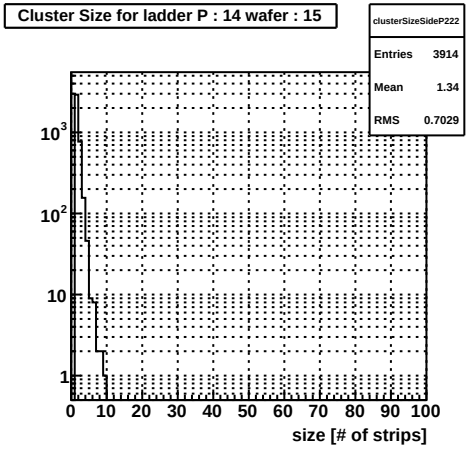

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 3425
Mean 1.441
RMS 0.7488
size [# of strips]

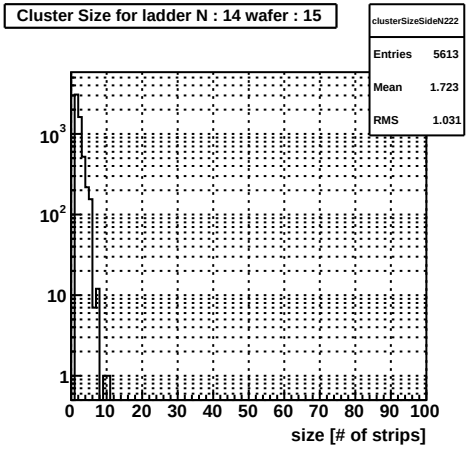

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 3077
Mean 1.56
RMS 0.8612
size [# of strips]

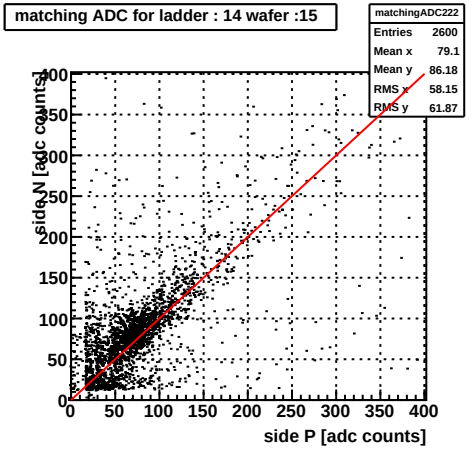

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 2243
Mean x 85.15
Mean y 84.73
RMS x 59.57
RMS y 54.26
side N [adc counts]
side P [adc counts]

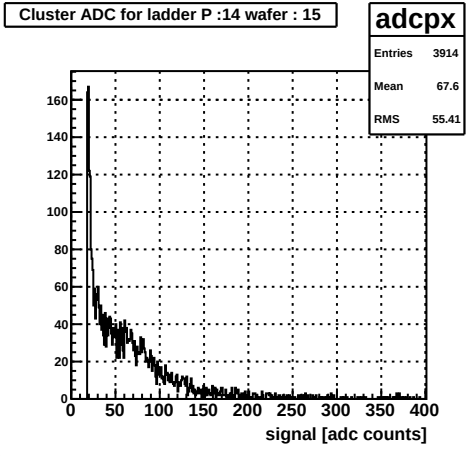

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 3425
Mean 83.15
RMS 59.75
signal [adc counts]

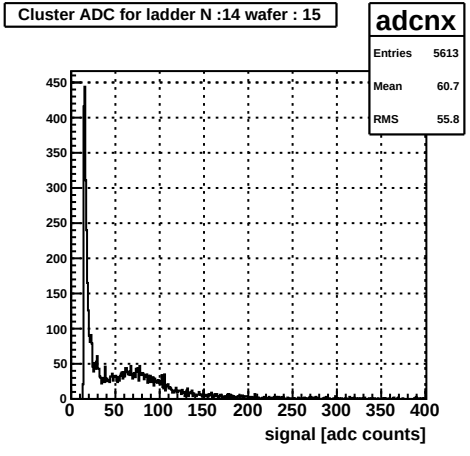

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 3077
Mean 72.11
RMS 59.04
signal [adc counts]

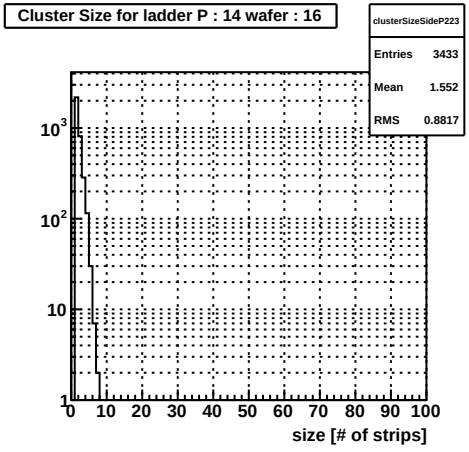

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3914
Mean 1.34
RMS 0.7029
size [# of strips]

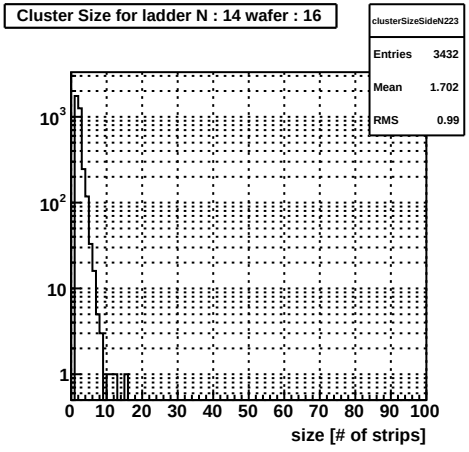

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5613
Mean 1.723
RMS 1.031
size [# of strips]

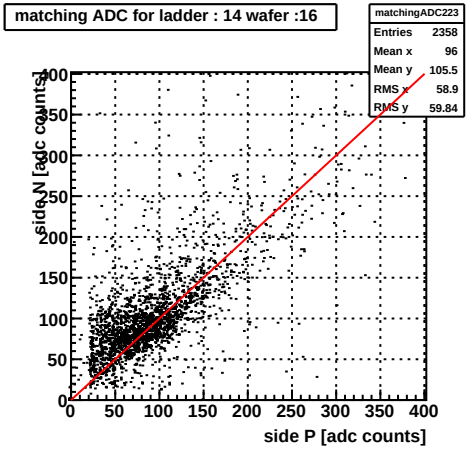

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 2600
Mean x 79.1
Mean y 86.18
RMS x 58.15
RMS y 61.87
side N [adc counts]
side P [adc counts]

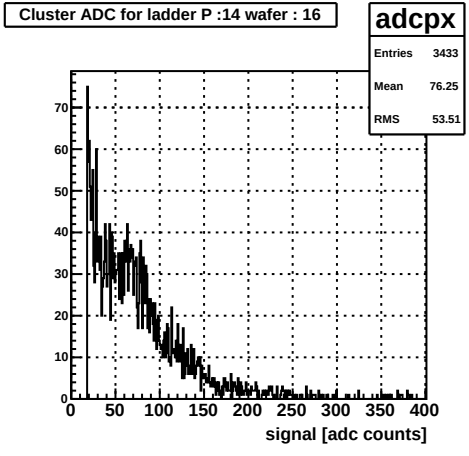

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3914
Mean 67.6
RMS 55.41
signal [adc counts]

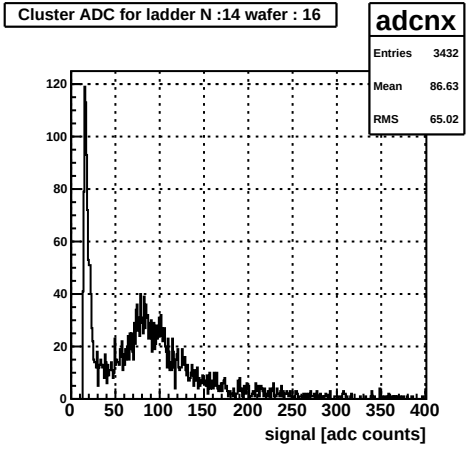

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5613
Mean 60.7
RMS 55.8
signal [adc counts]

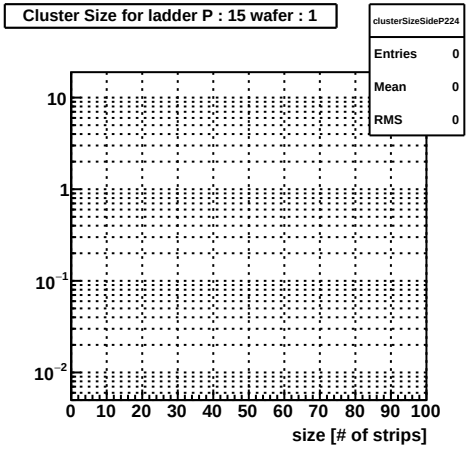

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 3433
Mean 1.552
RMS 0.8817
size [# of strips]

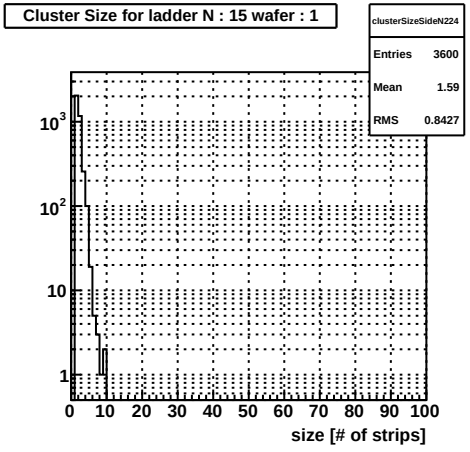

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 3432
Mean 1.702
RMS 0.99
size [# of strips]

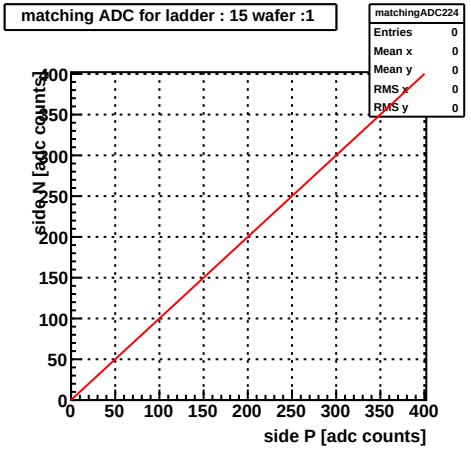

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 2358
Mean x 96
Mean y 105.5
RMS x 58.9
RMS y 59.84
side N [adc counts]
side P [adc counts]

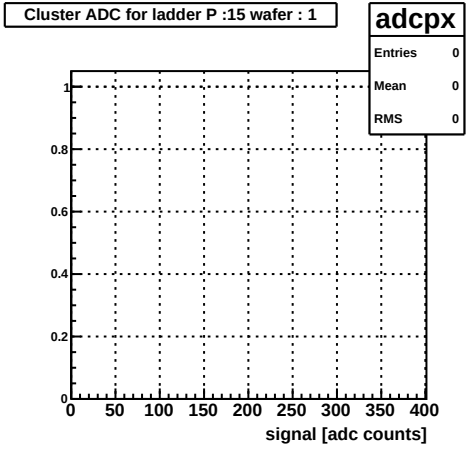

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 3433
Mean 76.25
RMS 53.51
signal [adc counts]

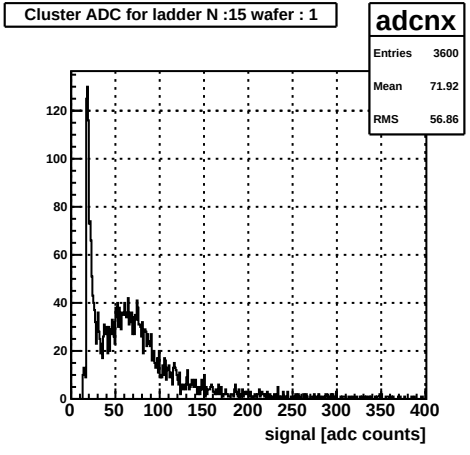

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 3432
Mean 86.63
RMS 65.02
signal [adc counts]

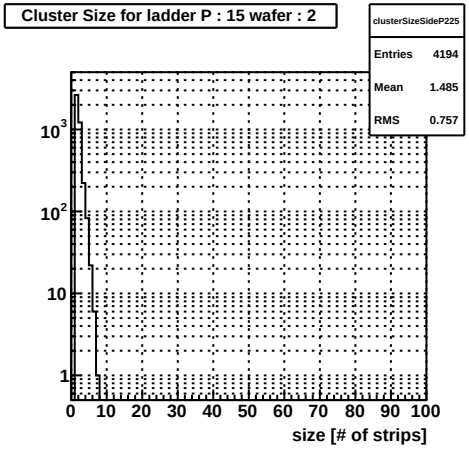

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

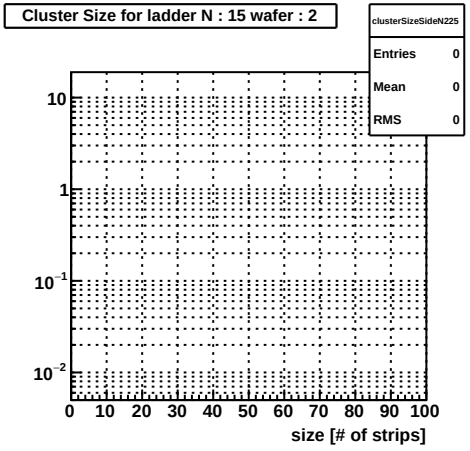

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3600
Mean 1.59
RMS 0.8427
size [# of strips]

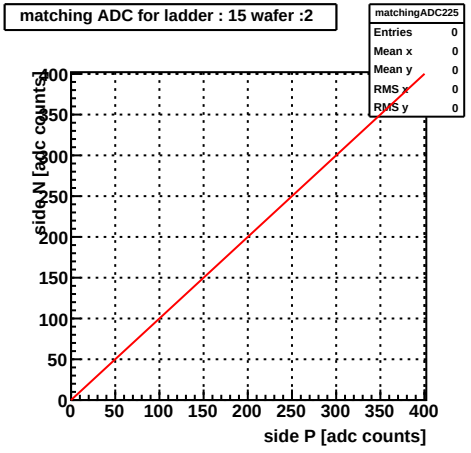

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

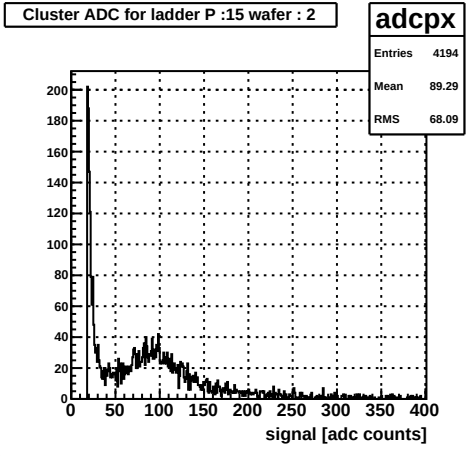

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

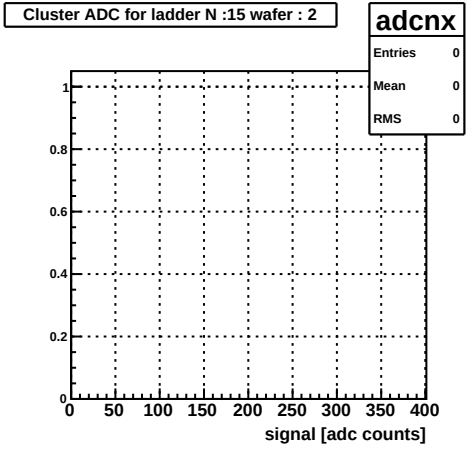

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3600
Mean 71.92
RMS 56.86
signal [adc counts]

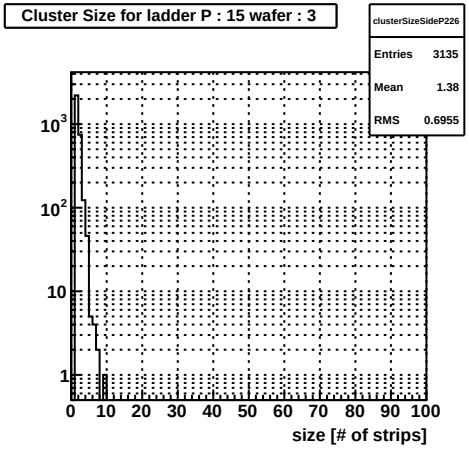

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 4194
Mean 1.485
RMS 0.757
size [# of strips]

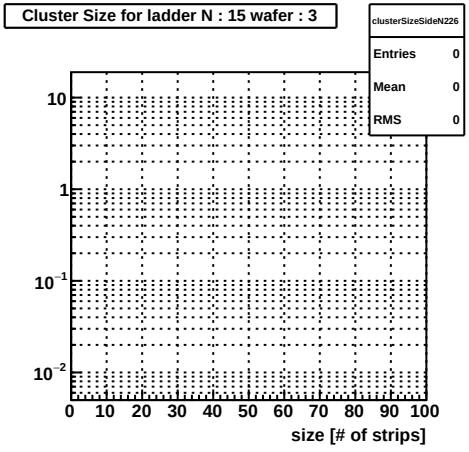

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

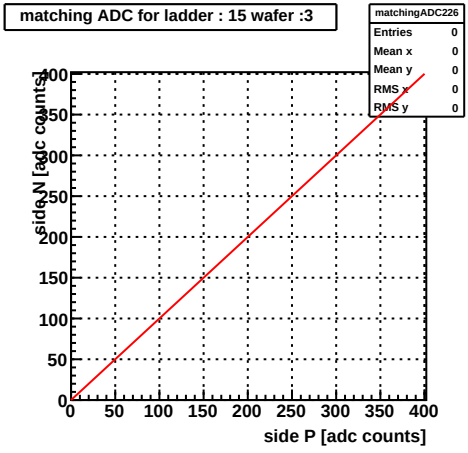

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

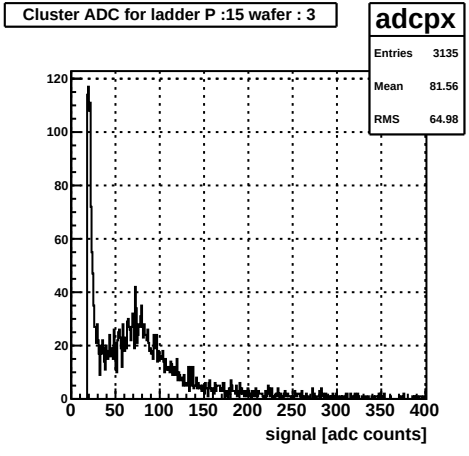

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 4194
Mean 89.29
RMS 68.09
signal [adc counts]

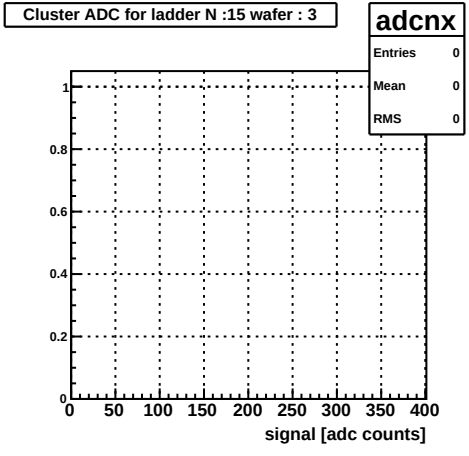

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

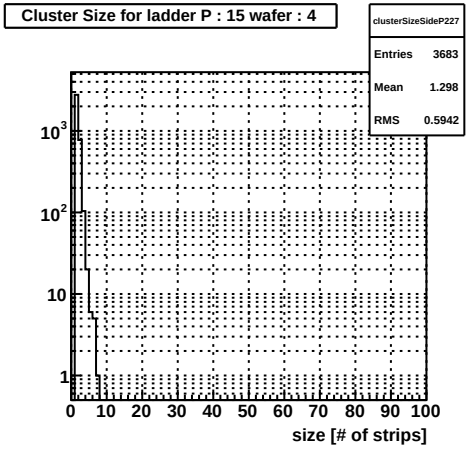

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3135
Mean 1.38
RMS 0.6955
size [# of strips]

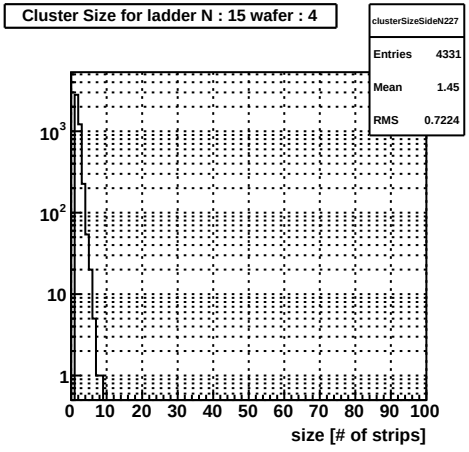

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

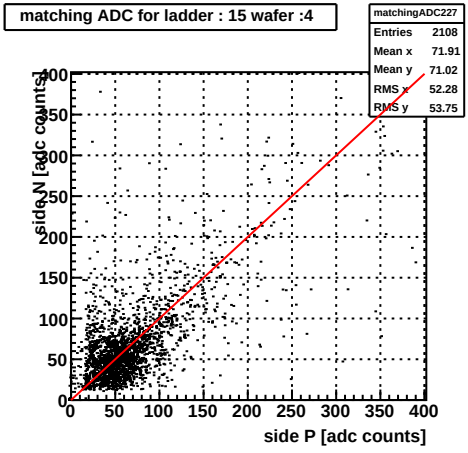

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

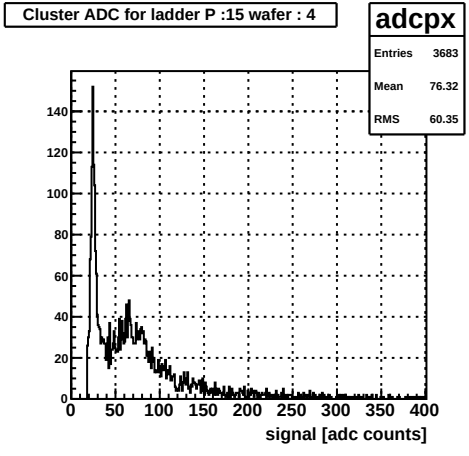

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3135
Mean 81.56
RMS 64.98
signal [adc counts]

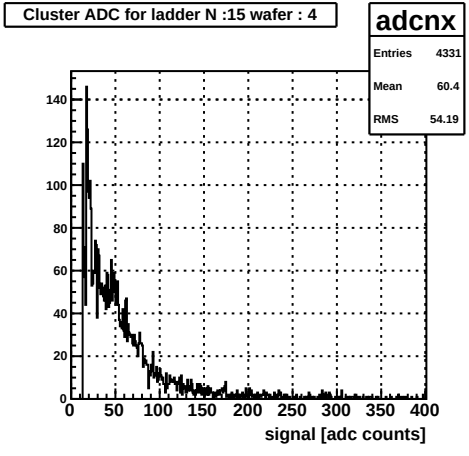

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

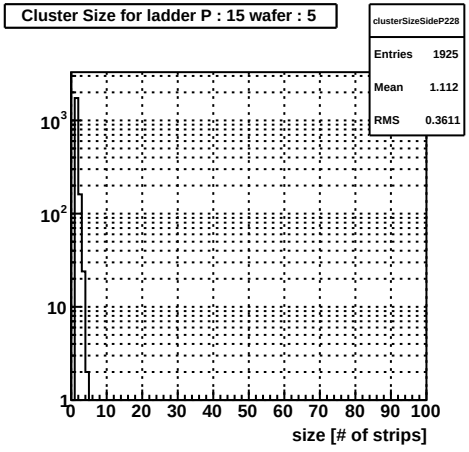

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 3683
Mean 1.298
RMS 0.5942
size [# of strips]

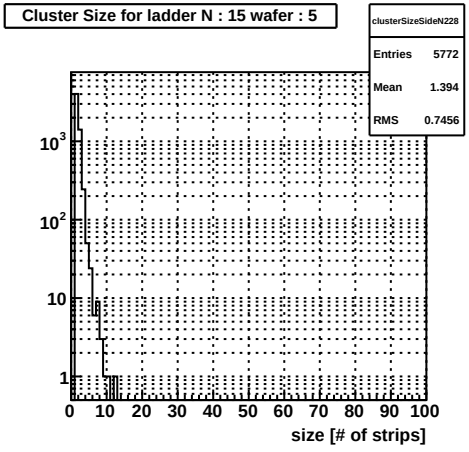

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 4331
Mean 1.45
RMS 0.7224
size [# of strips]

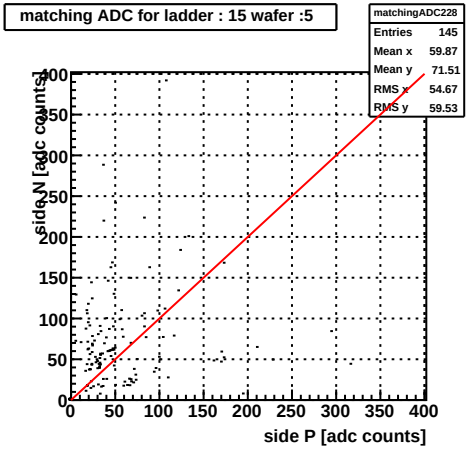

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 2108
Mean x 71.91
Mean y 71.02
RMS x 52.28
RMS y 53.75
side N [adc counts]
side P [adc counts]

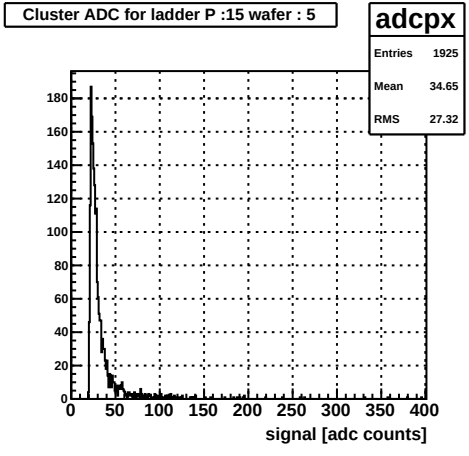

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 3683
Mean 76.32
RMS 60.35
signal [adc counts]

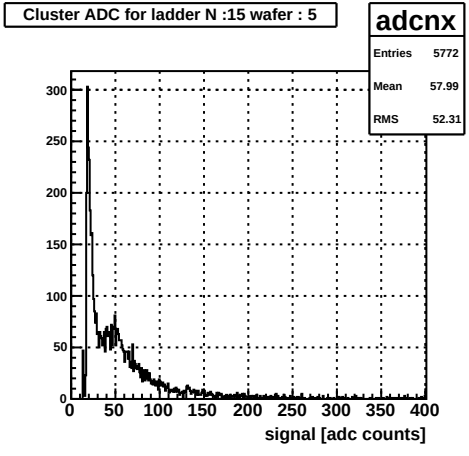

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 4331
Mean 60.4
RMS 54.19
signal [adc counts]

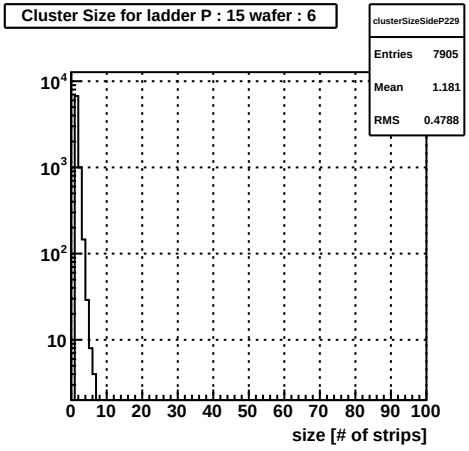

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1925
Mean 1.112
RMS 0.3611
size [# of strips]

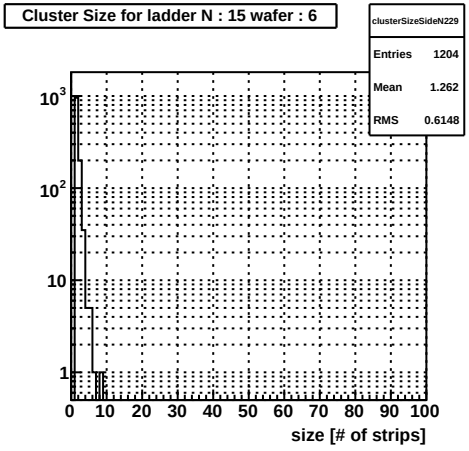

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5772
Mean 1.394
RMS 0.7456
size [# of strips]

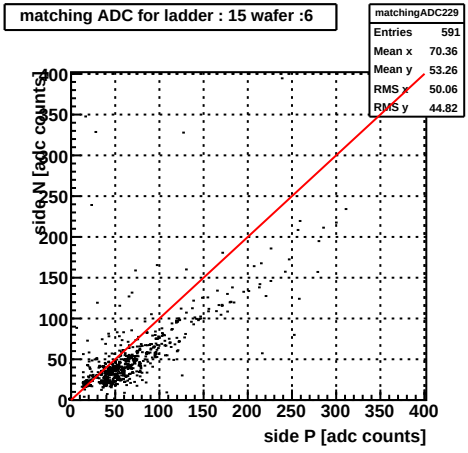

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 145
Mean x 59.87
Mean y 71.51
RMS x 54.67
RMS y 59.53
side N [adc counts]
side P [adc counts]

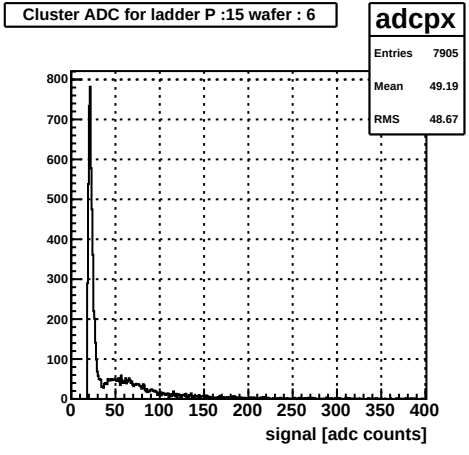

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1925
Mean 34.65
RMS 27.32
signal [adc counts]

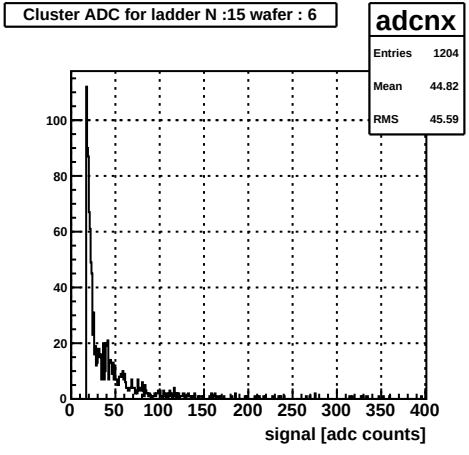

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5772
Mean 57.99
RMS 52.31
signal [adc counts]

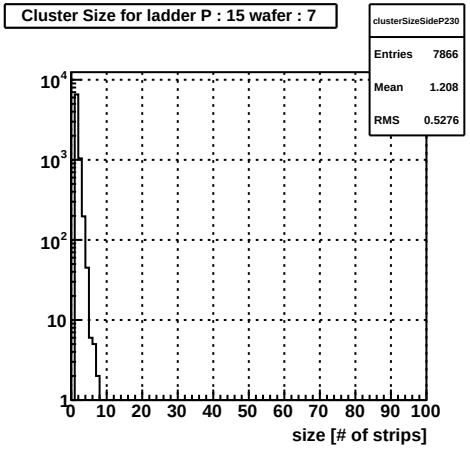

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7905
Mean 1.181
RMS 0.4788
size [# of strips]

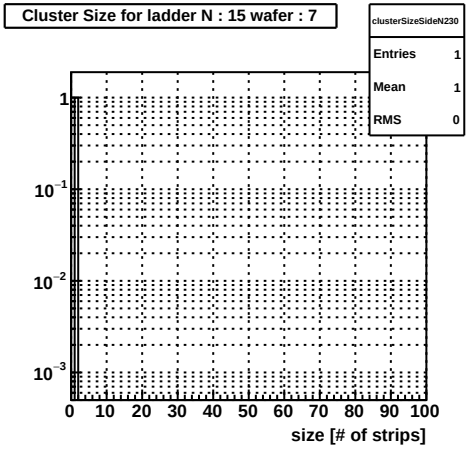

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1204
Mean 1.262
RMS 0.6148
size [# of strips]

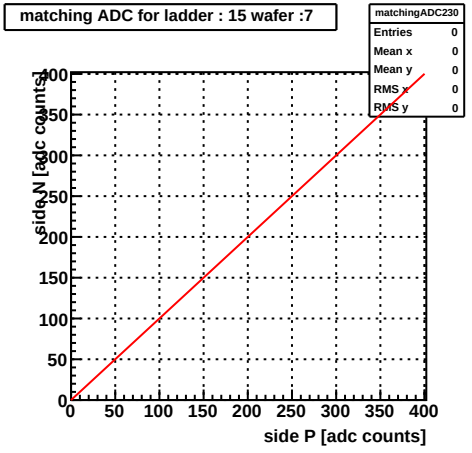

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 591
Mean x 70.36
Mean y 53.26
RMS x 50.06
RMS y 44.82
side N [adc counts]
side P [adc counts]

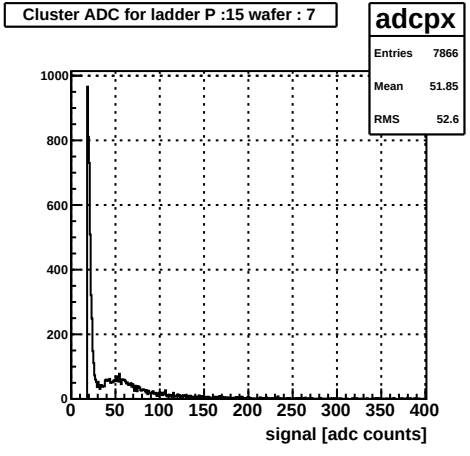

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7905
Mean 49.19
RMS 48.67
signal [adc counts]

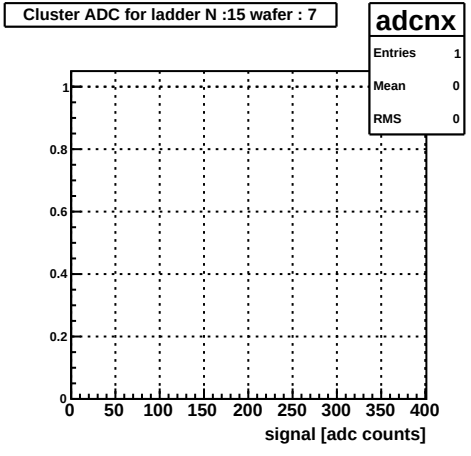

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1204
Mean 44.82
RMS 45.59
signal [adc counts]

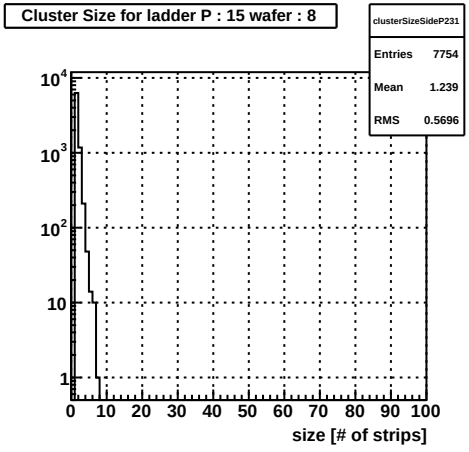

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 7866
Mean 1.208
RMS 0.5276
size [# of strips]

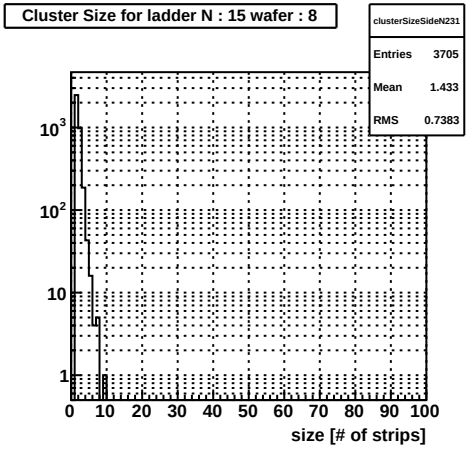

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

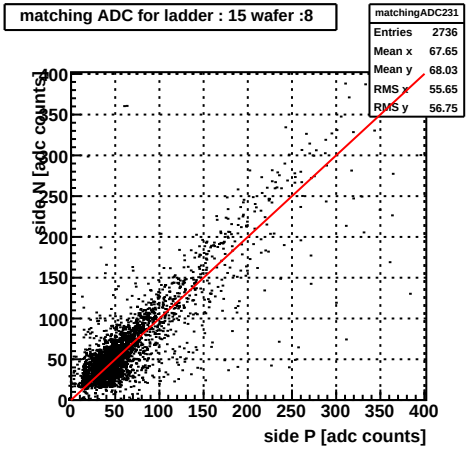

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

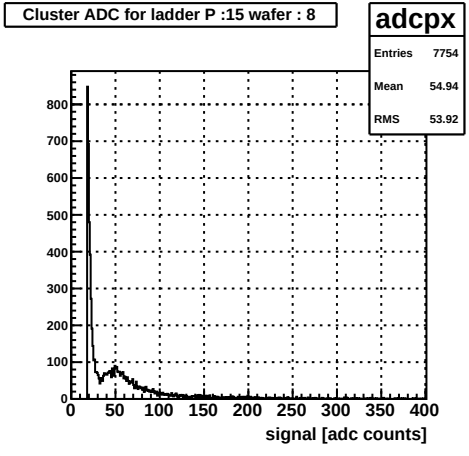

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 7866
Mean 51.85
RMS 52.6
signal [adc counts]

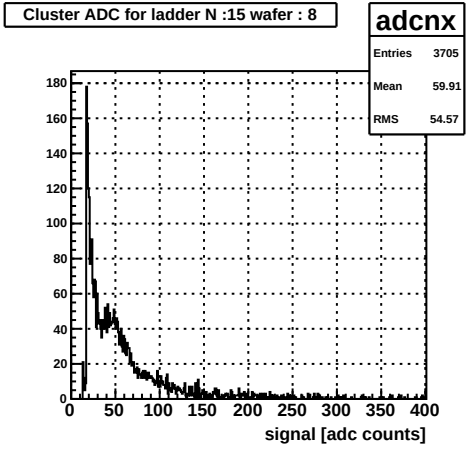

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

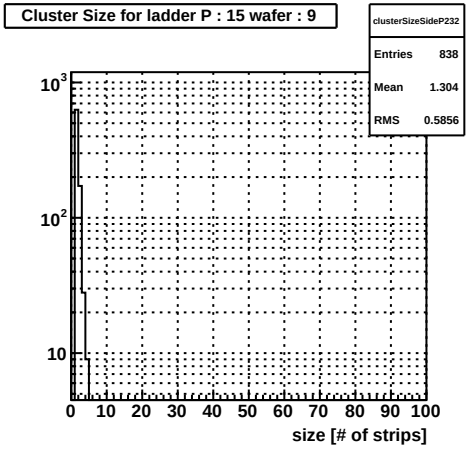

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 7754
Mean 1.239
RMS 0.5696
size [# of strips]

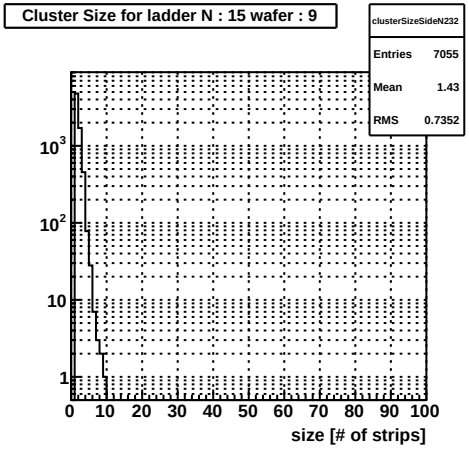

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3705
Mean 1.433
RMS 0.7383
size [# of strips]

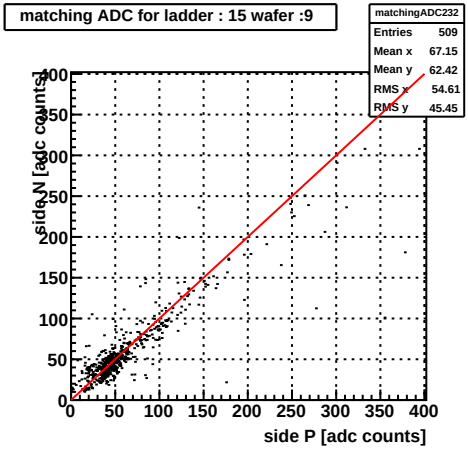

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 2736
Mean x 67.65
Mean y 68.03
RMS x 55.65
RMS y 56.75
side N [adc counts]
side P [adc counts]

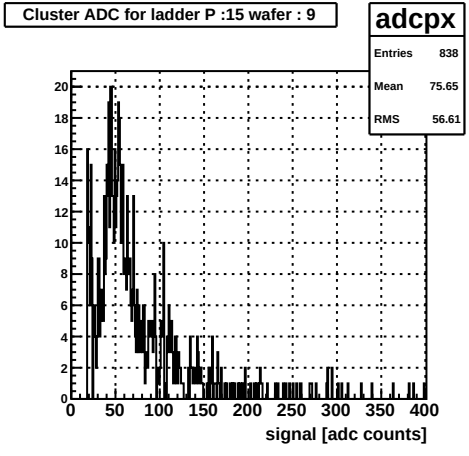

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 7754
Mean 54.94
RMS 53.92
signal [adc counts]

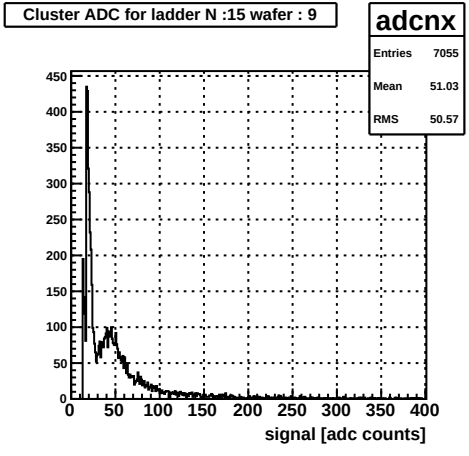

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3705
Mean 59.91
RMS 54.57
signal [adc counts]

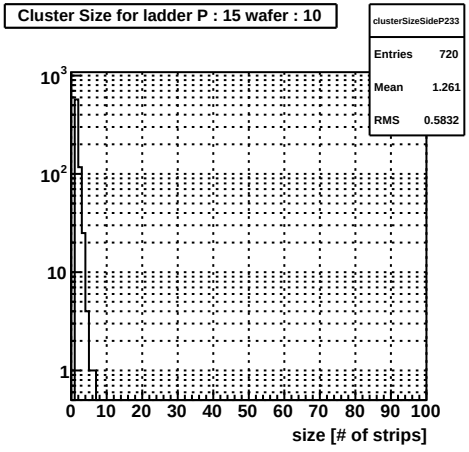

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 838
Mean 1.304
RMS 0.5856
size [# of strips]

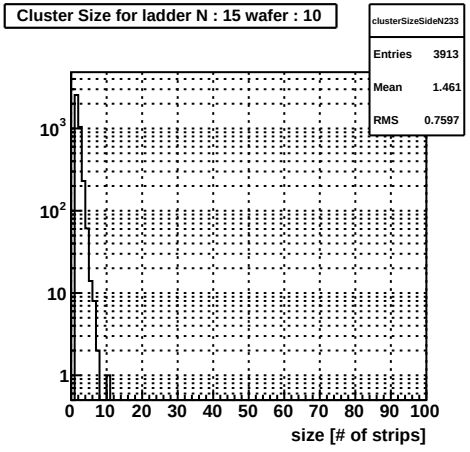

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 7055
Mean 1.43
RMS 0.7352
size [# of strips]

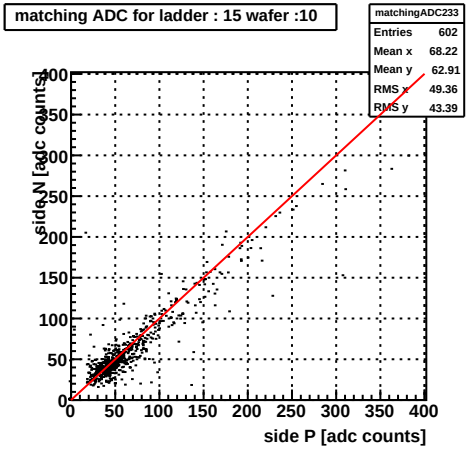

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 509
Mean x 67.15
Mean y 62.42
RMS x 54.61
RMS y 45.45
side N [adc counts]
side P [adc counts]

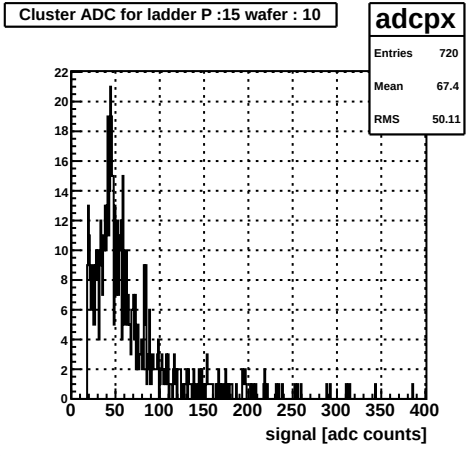

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 838
Mean 75.65
RMS 56.61
signal [adc counts]

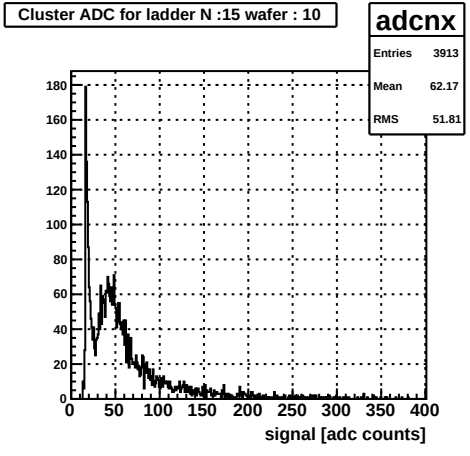

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 7055
Mean 51.03
RMS 50.57
signal [adc counts]

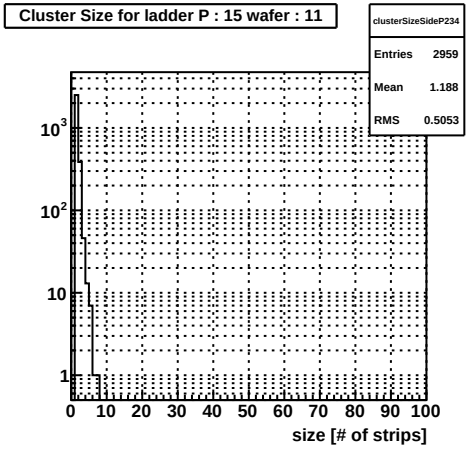

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 720
Mean 1.261
RMS 0.5832
size [# of strips]

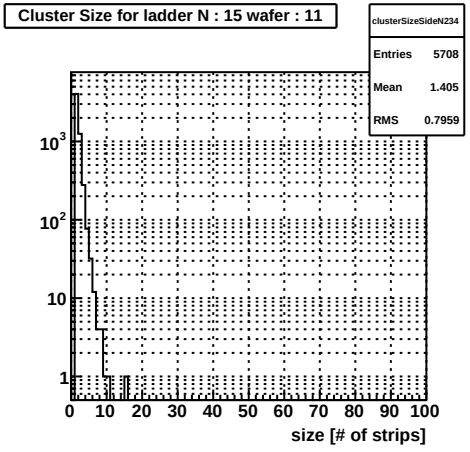

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 3913
Mean 1.461
RMS 0.7597
size [# of strips]

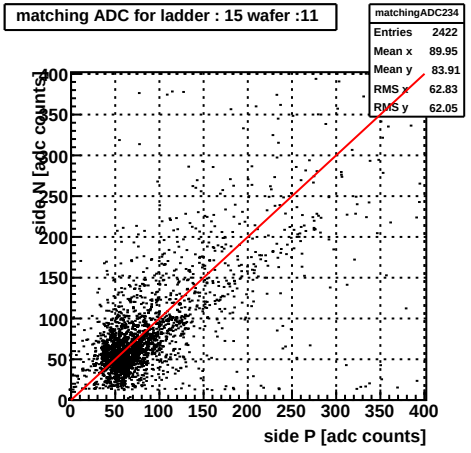

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 602
Mean x 68.22
Mean y 62.91
RMS x 49.36
RMS y 43.39
side N [adc counts]
side P [adc counts]

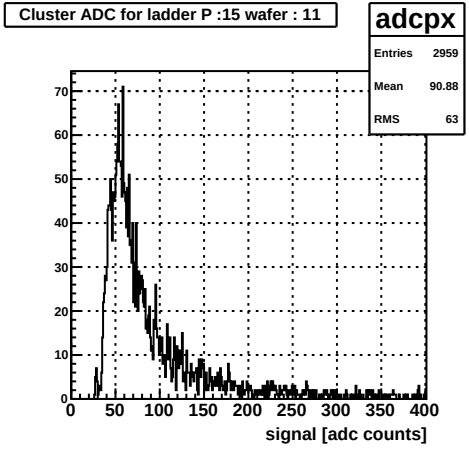

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 720
Mean 67.4
RMS 50.11
signal [adc counts]

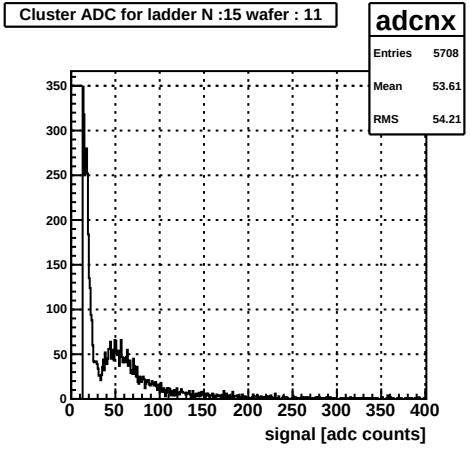

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 3913
Mean 62.17
RMS 51.81
signal [adc counts]

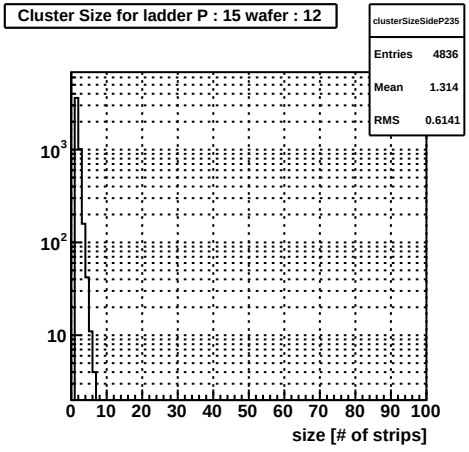

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2959
Mean 1.188
RMS 0.5053
size [# of strips]

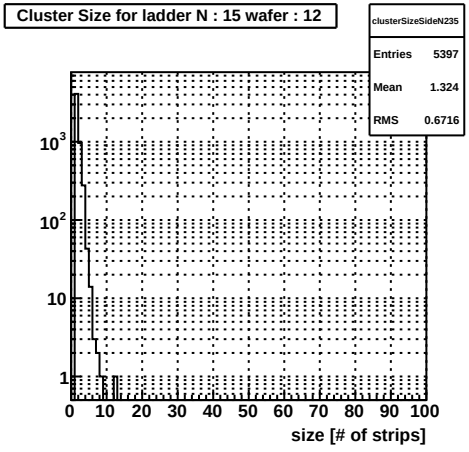

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5708
Mean 1.405
RMS 0.7959
size [# of strips]

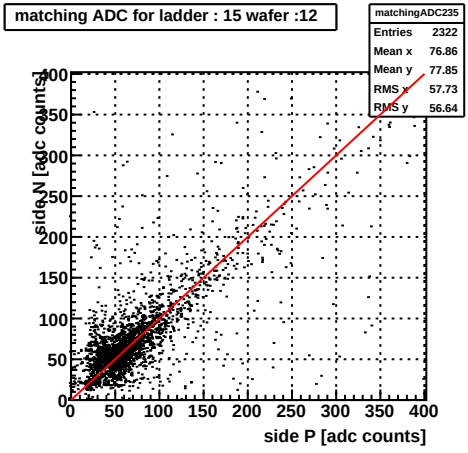

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 2422
Mean x 89.95
Mean y 83.91
RMS x 62.83
RMS y 62.05
side N [adc counts]
side P [adc counts]

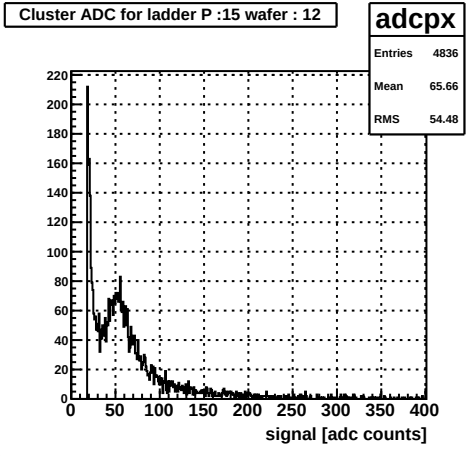

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2959
Mean 90.88
RMS 63
signal [adc counts]

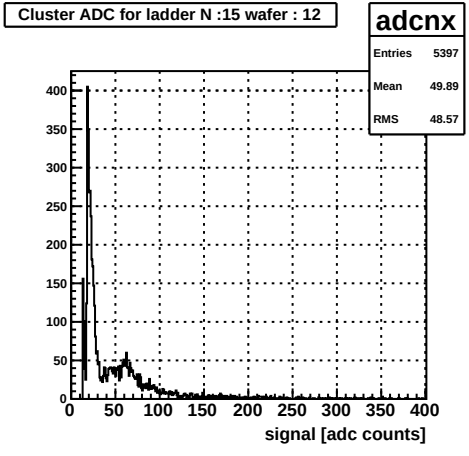

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5708
Mean 53.61
RMS 54.21
signal [adc counts]

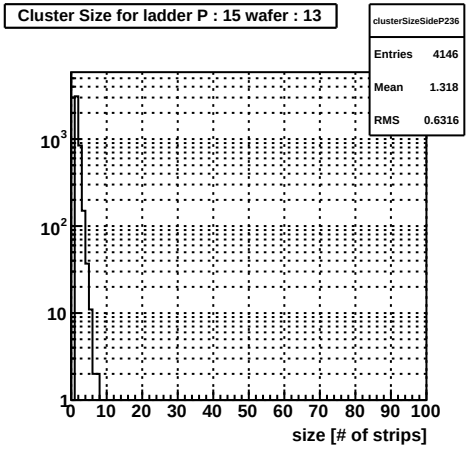

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 4836
Mean 1.314
RMS 0.6141
size [# of strips]

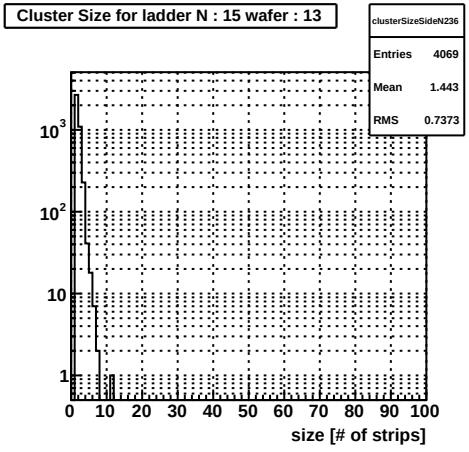

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5397
Mean 1.324
RMS 0.6716
size [# of strips]

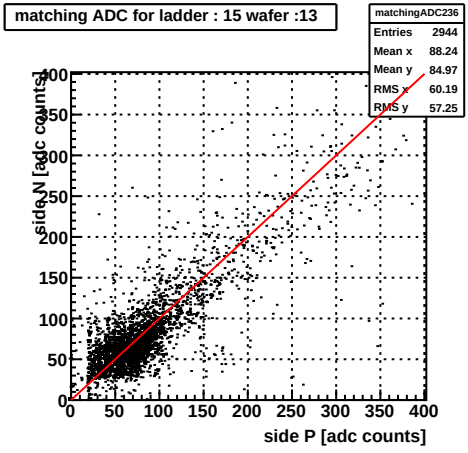

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 2322
Mean x 76.86
Mean y 77.85
RMS x 57.73
RMS y 56.64
side N [adc counts]
side P [adc counts]

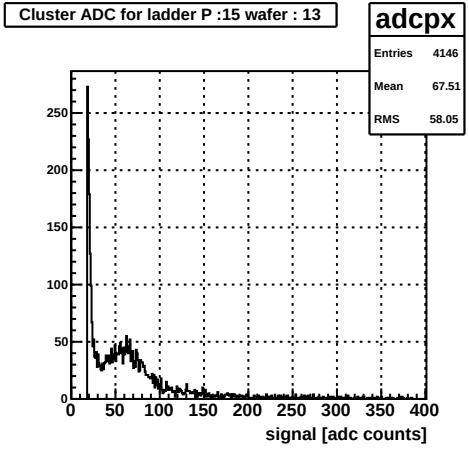

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 4836
Mean 65.66
RMS 54.48
signal [adc counts]

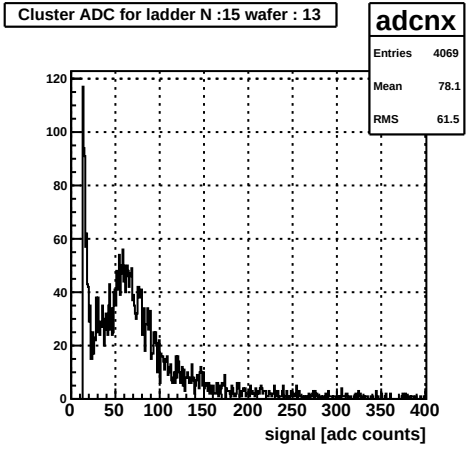

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5397
Mean 49.89
RMS 48.57
signal [adc counts]

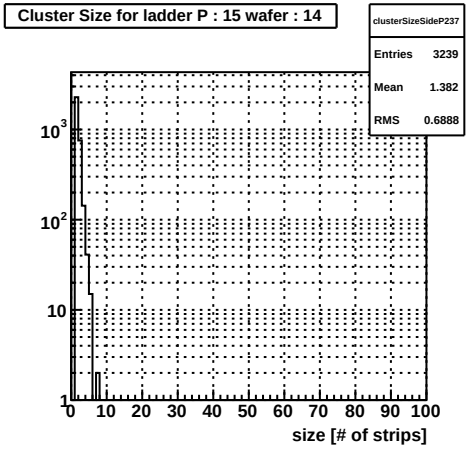

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4146
Mean 1.318
RMS 0.6316
size [# of strips]

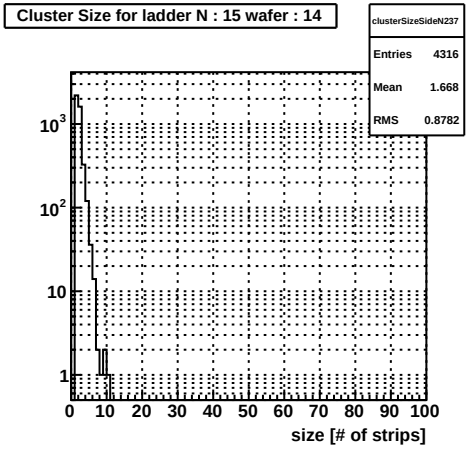

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 4069
Mean 1.443
RMS 0.7373
size [# of strips]

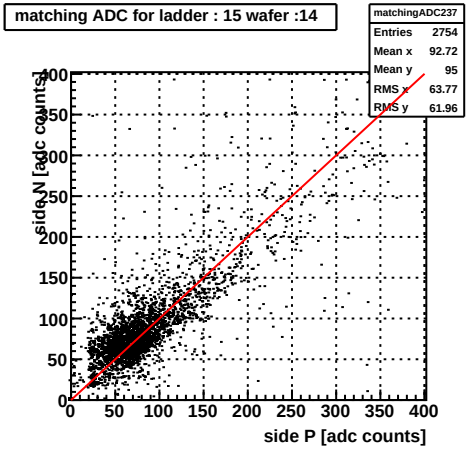

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 2944
Mean x 88.24
Mean y 84.97
RMS x 60.19
RMS y 57.25
side N [adc counts]
side P [adc counts]

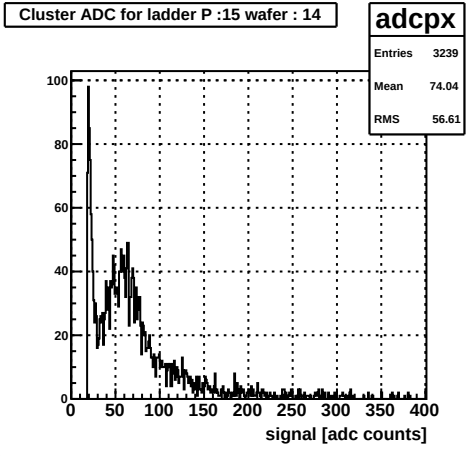

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4146
Mean 67.51
RMS 58.05
signal [adc counts]

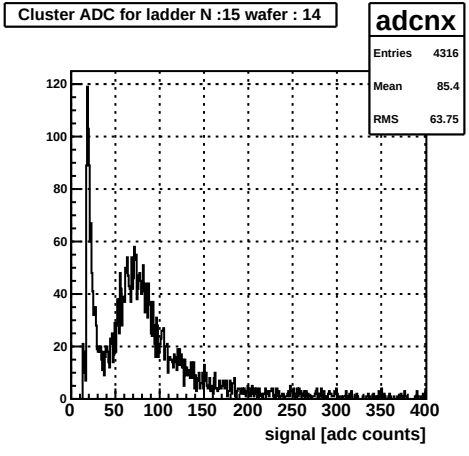

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 4069
Mean 78.1
RMS 61.5
signal [adc counts]

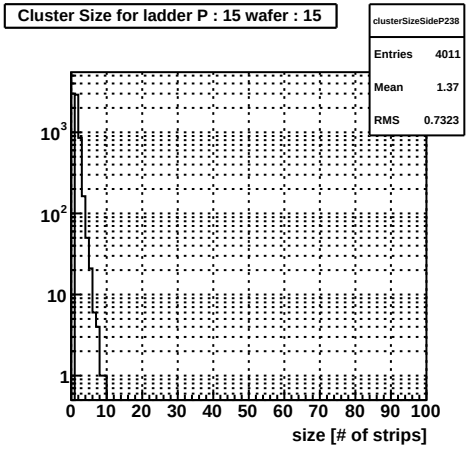

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3239
Mean 1.382
RMS 0.6888
size [# of strips]

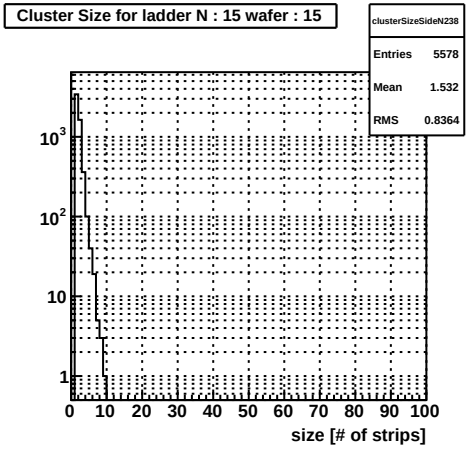

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 4316
Mean 1.668
RMS 0.8782
size [# of strips]

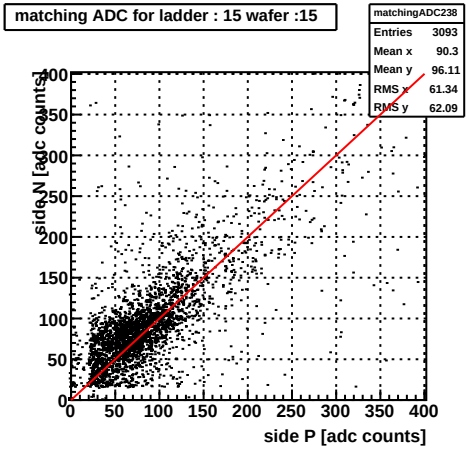

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 2754
Mean x 92.72
Mean y 95
RMS x 63.77
RMS y 61.96
side N [adc counts]
side P [adc counts]

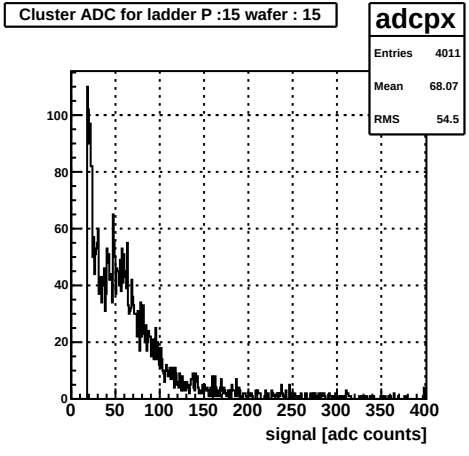

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3239
Mean 74.04
RMS 56.61
signal [adc counts]

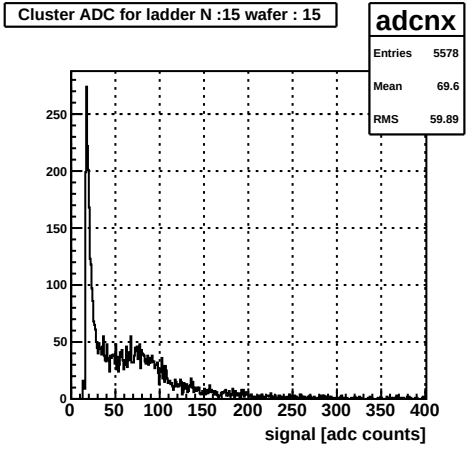

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 4316
Mean 85.4
RMS 63.75
signal [adc counts]

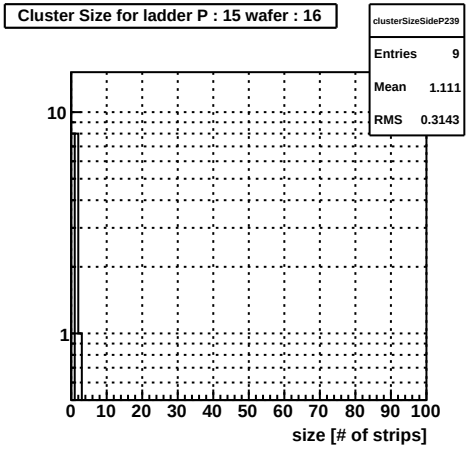

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 4011
Mean 1.37
RMS 0.7323
size [# of strips]

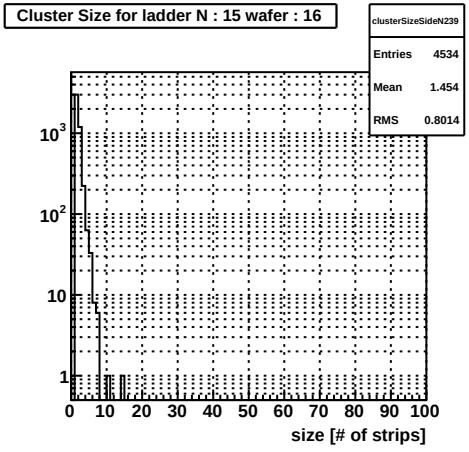

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5578
Mean 1.532
RMS 0.8364
size [# of strips]

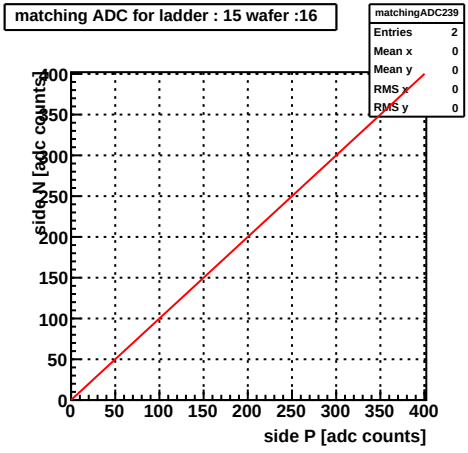

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 3093
Mean x 90.3
Mean y 96.11
RMS x 61.34
RMS y 62.09
side N [adc counts]
side P [adc counts]

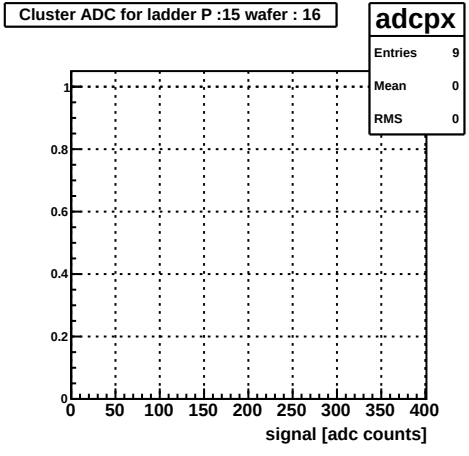

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 4011
Mean 68.07
RMS 54.5
signal [adc counts]

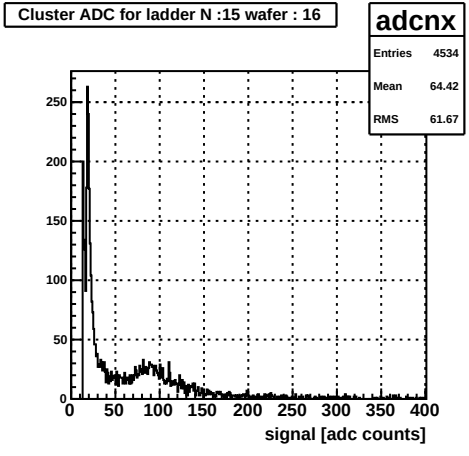

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5578
Mean 69.6
RMS 59.89
signal [adc counts]

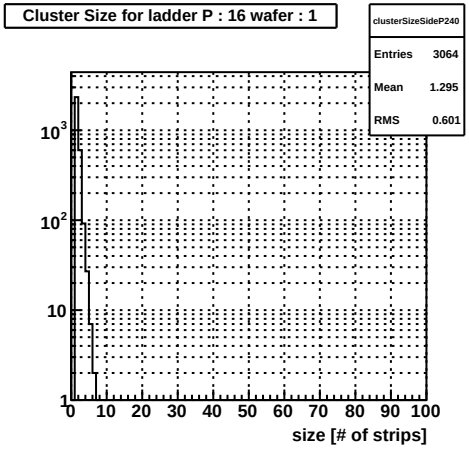

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

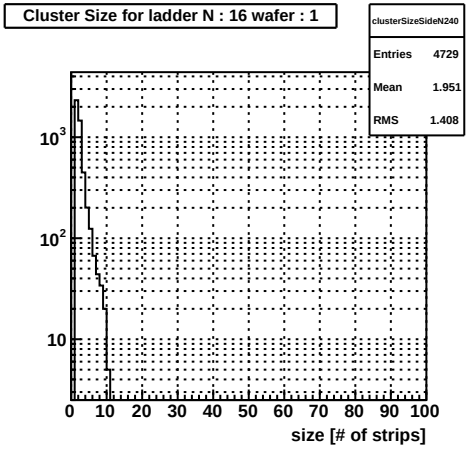

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4534
Mean 1.454
RMS 0.8014
size [# of strips]

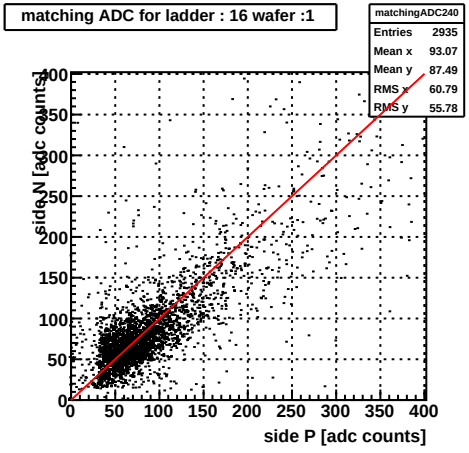

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

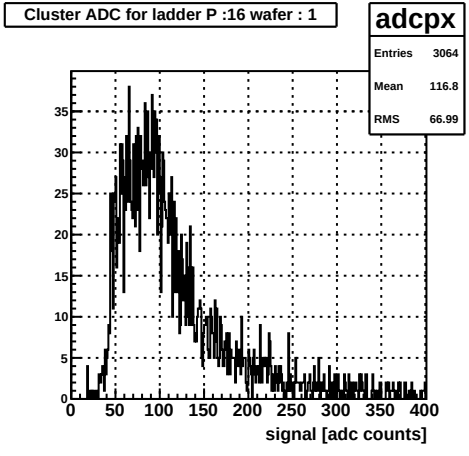

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

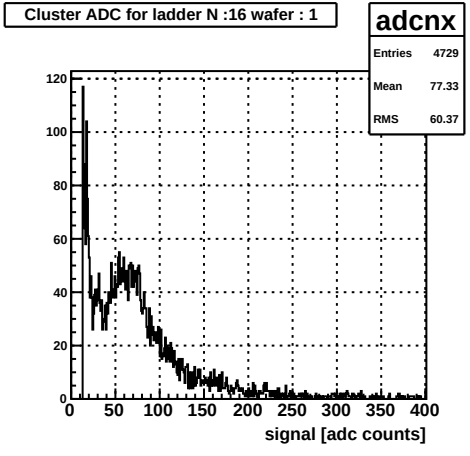

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4534
Mean 64.42
RMS 61.67
signal [adc counts]

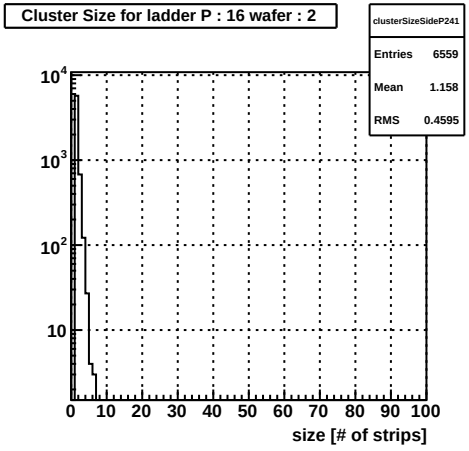

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 3064
Mean 1.295
RMS 0.601
size [# of strips]

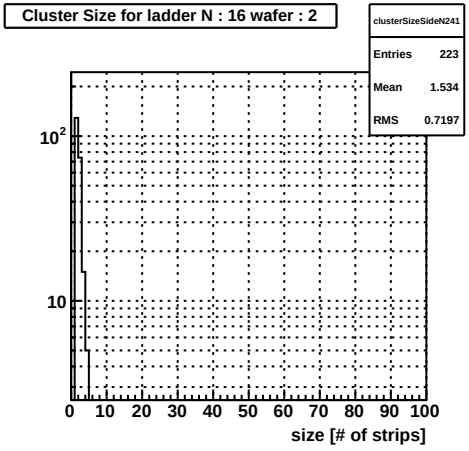

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4729
Mean 1.951
RMS 1.408
size [# of strips]

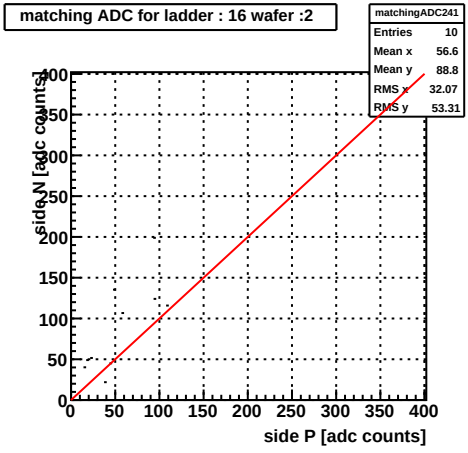

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 2935
Mean x 93.07
Mean y 87.49
RMS x 60.79
RMS y 55.78
side N [adc counts]
side P [adc counts]

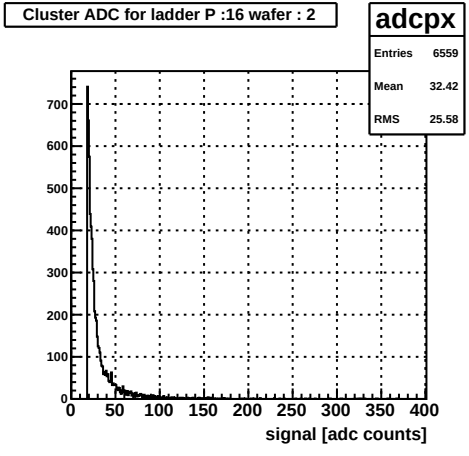

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 3064
Mean 116.8
RMS 66.99
signal [adc counts]

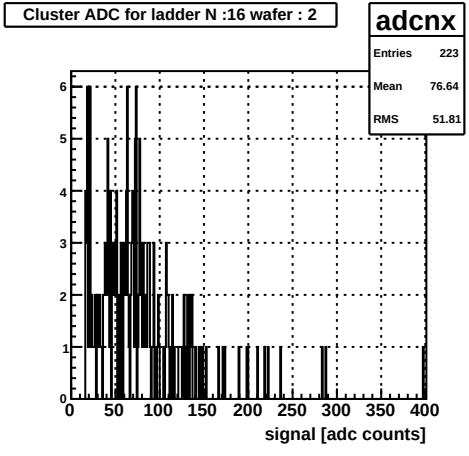

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4729
Mean 77.33
RMS 60.37
signal [adc counts]

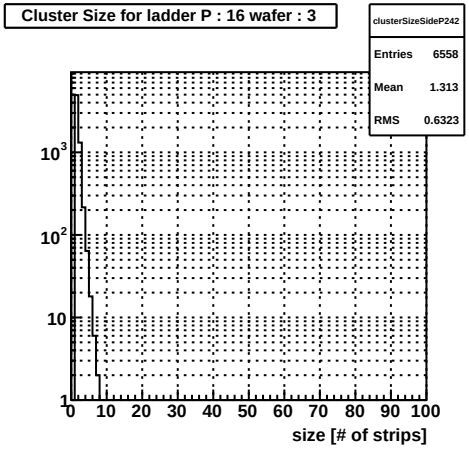

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 6559
Mean 1.158
RMS 0.4595
size [# of strips]

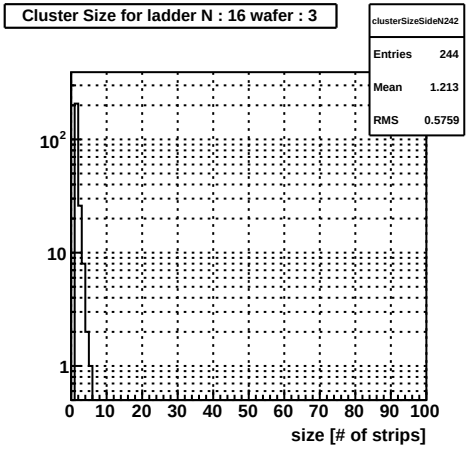

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 223
Mean 1.534
RMS 0.7197
size [# of strips]

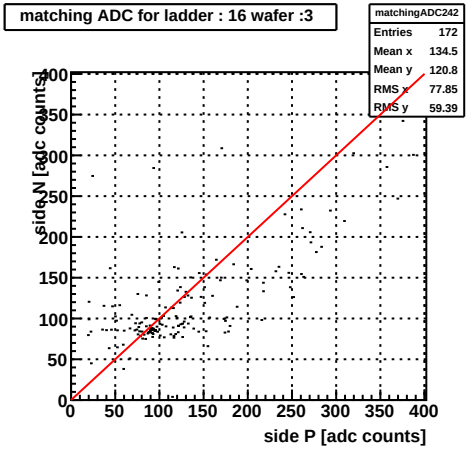

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 10
Mean x 56.6
Mean y 88.8
RMS x 32.07
RMS y 53.31
side N [adc counts]
side P [adc counts]

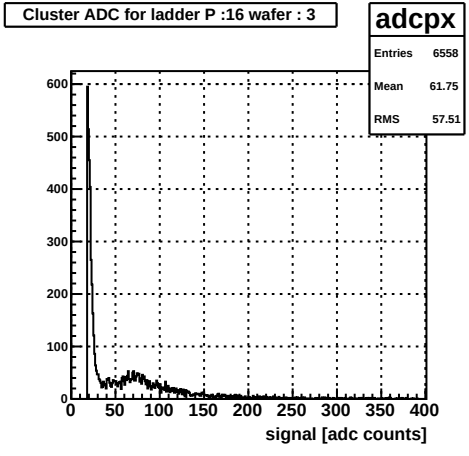

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 6559
Mean 32.42
RMS 25.58
signal [adc counts]

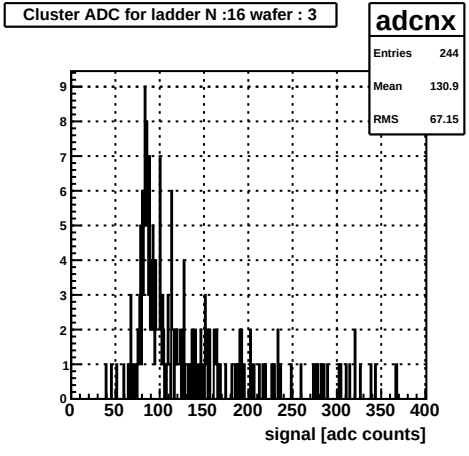

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 223
Mean 76.64
RMS 51.81
signal [adc counts]

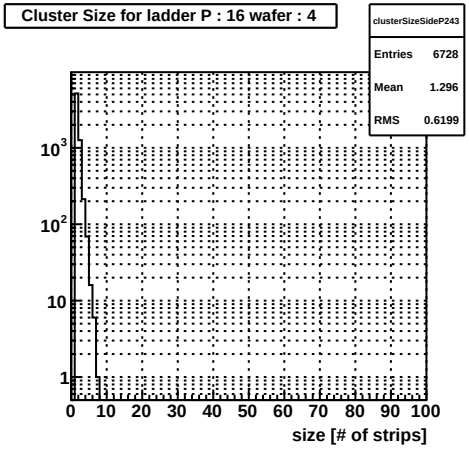

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6558
Mean 1.313
RMS 0.6323
size [# of strips]

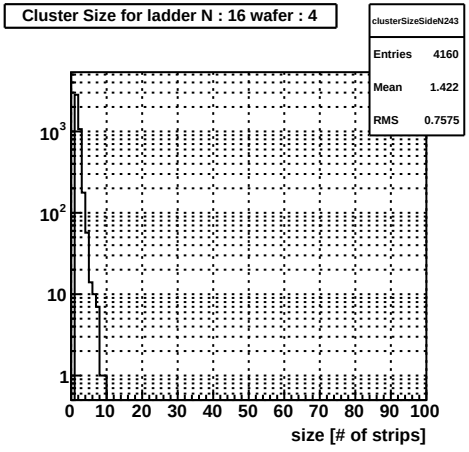

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 244
Mean 1.213
RMS 0.5759
size [# of strips]

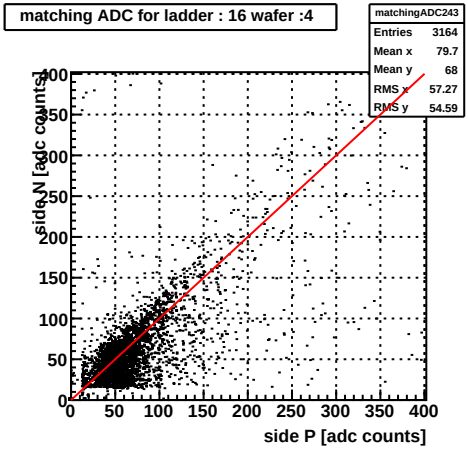

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 172
Mean x 134.5
Mean y 120.8
RMS x 77.85
RMS y 59.39
side N [adc counts]
side P [adc counts]

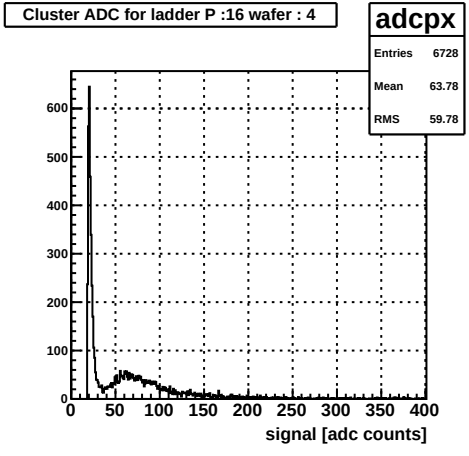

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6558
Mean 61.75
RMS 57.51
signal [adc counts]

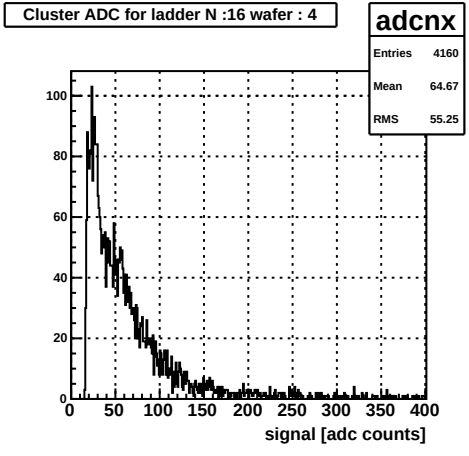

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 244
Mean 130.9
RMS 67.15
signal [adc counts]

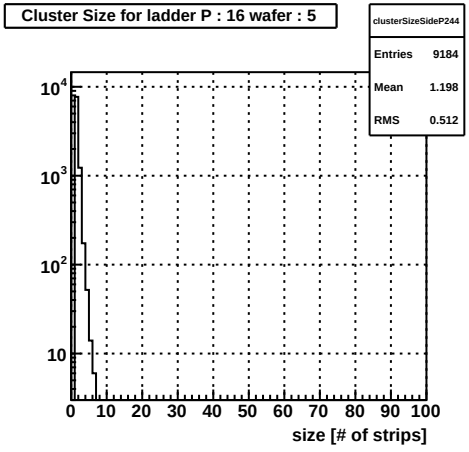

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 6728
Mean 1.296
RMS 0.6199
size [# of strips]

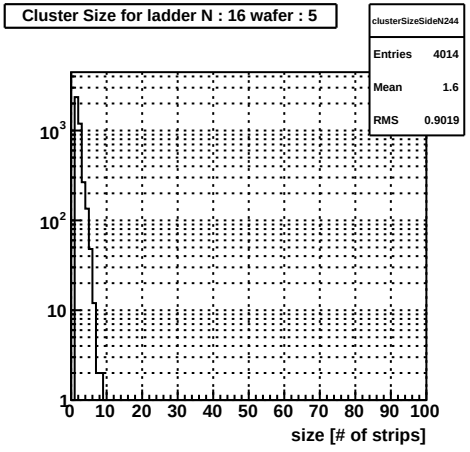

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4160
Mean 1.422
RMS 0.7575
size [# of strips]

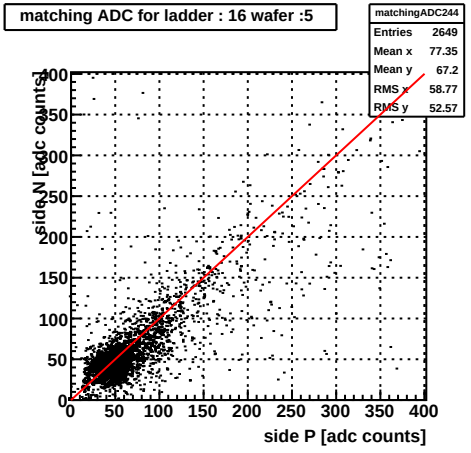

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 3164
Mean x 79.7
Mean y 68
RMS x 57.27
RMS y 54.59
side N [adc counts]
side P [adc counts]

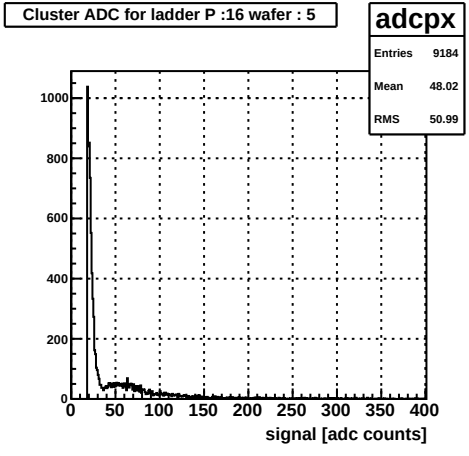

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 6728
Mean 63.78
RMS 59.78
signal [adc counts]

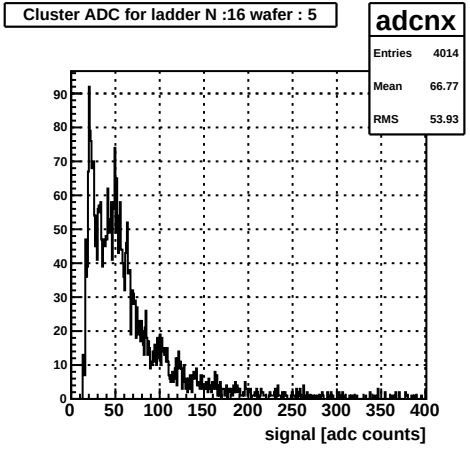

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4160
Mean 64.67
RMS 55.25
signal [adc counts]

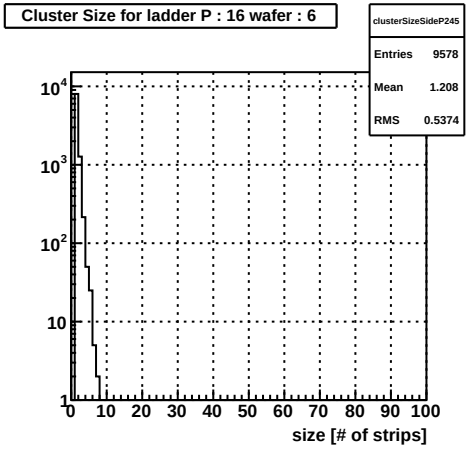

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 9184
Mean 1.198
RMS 0.512
size [# of strips]

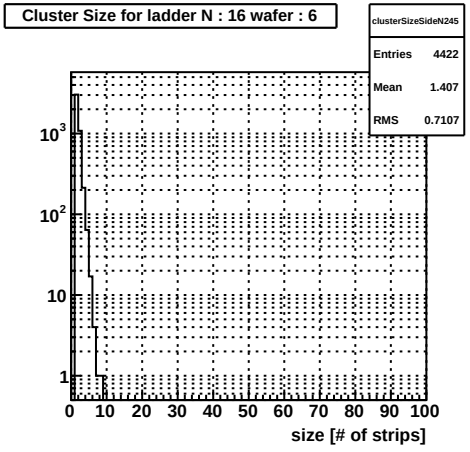

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 4014
Mean 1.6
RMS 0.9019
size [# of strips]

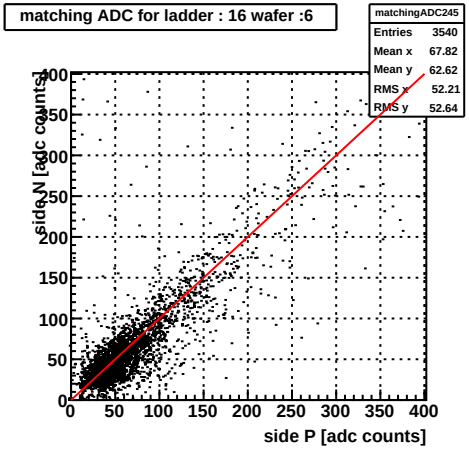

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 2649
Mean x 77.35
Mean y 67.2
RMS x 58.77
RMS y 52.57
side N [adc counts]
side P [adc counts]

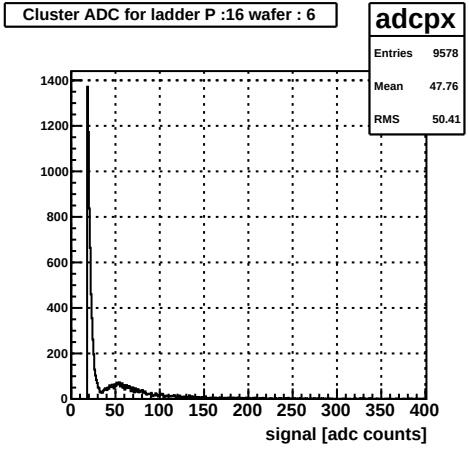

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 9184
Mean 48.02
RMS 50.99
signal [adc counts]

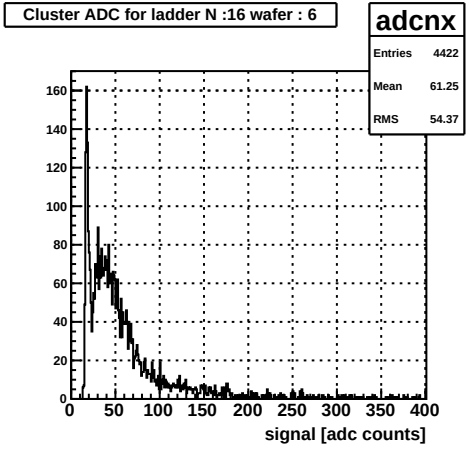

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 4014
Mean 66.77
RMS 53.93
signal [adc counts]

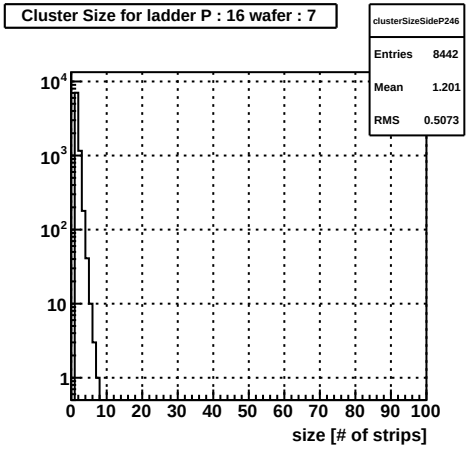

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9578
Mean 1.208
RMS 0.5374
size [# of strips]

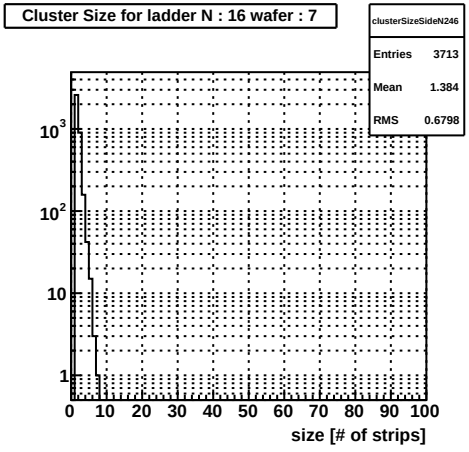

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 4422
Mean 1.407
RMS 0.7107
size [# of strips]

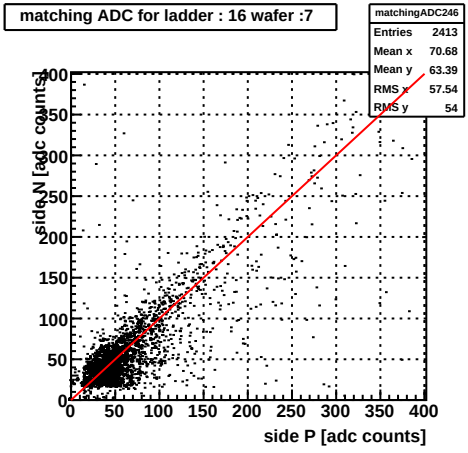

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 3540
Mean x 67.82
Mean y 62.62
RMS x 52.21
RMS y 52.64
side N [adc counts]
side P [adc counts]

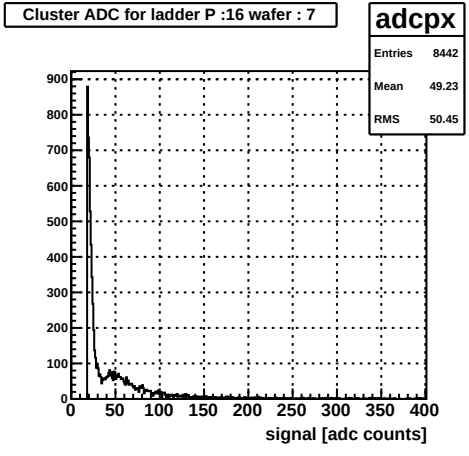

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9578
Mean 47.76
RMS 50.41
signal [adc counts]

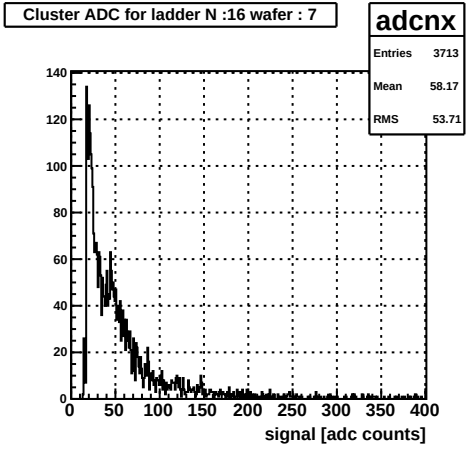

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 4422
Mean 61.25
RMS 54.37
signal [adc counts]

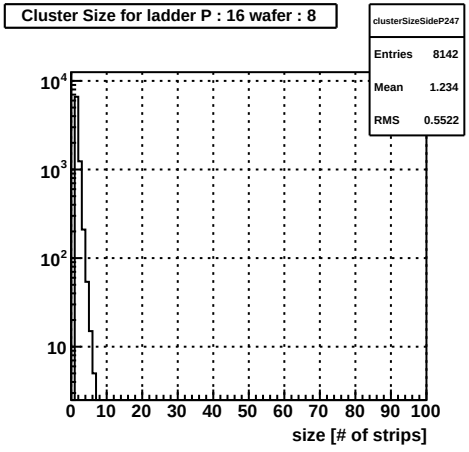

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 8442
Mean 1.201
RMS 0.5073
size [# of strips]

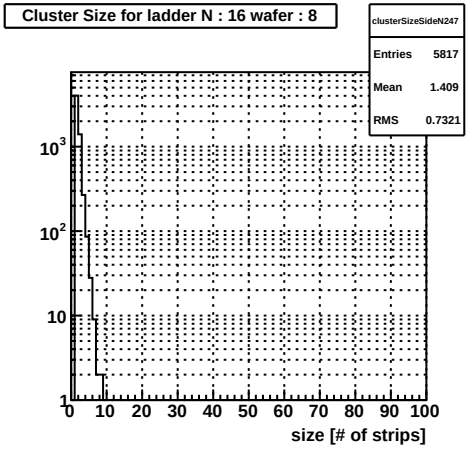

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3713
Mean 1.384
RMS 0.6798
size [# of strips]

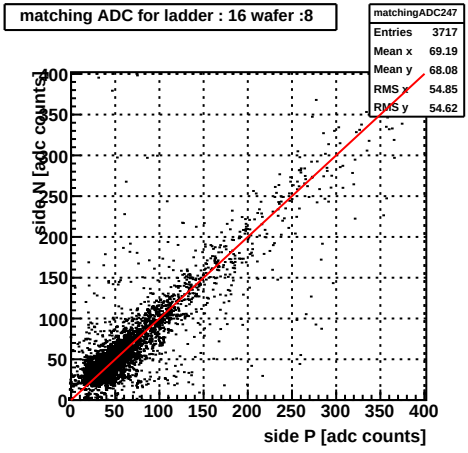

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 2413
Mean x 70.68
Mean y 63.39
RMS x 57.54
RMS y 54
side N [adc counts]
side P [adc counts]

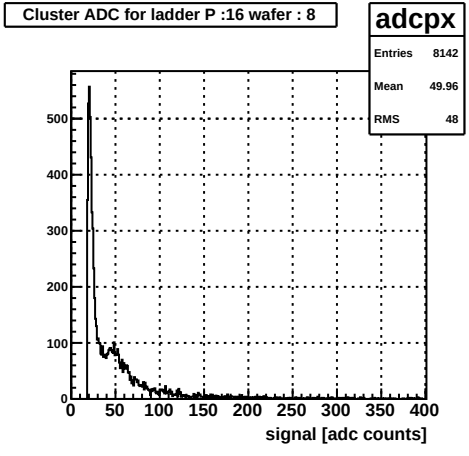

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 8442
Mean 49.23
RMS 50.45
signal [adc counts]

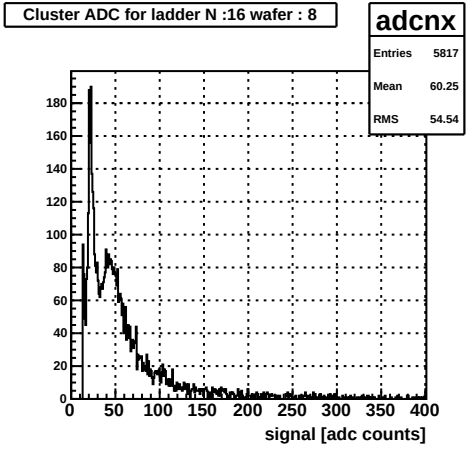

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3713
Mean 58.17
RMS 53.71
signal [adc counts]

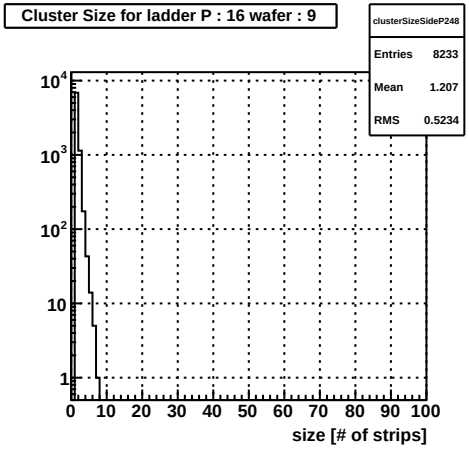

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8142
Mean 1.234
RMS 0.5522
size [# of strips]

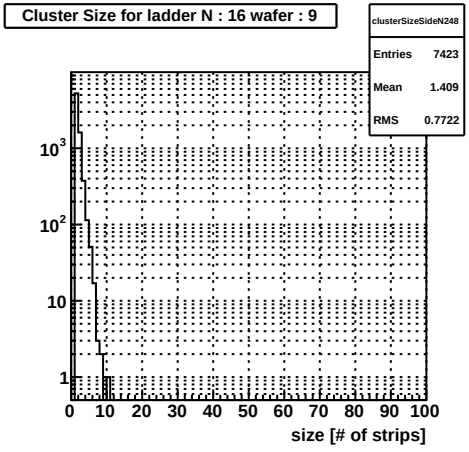

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 5817
Mean 1.409
RMS 0.7321
size [# of strips]

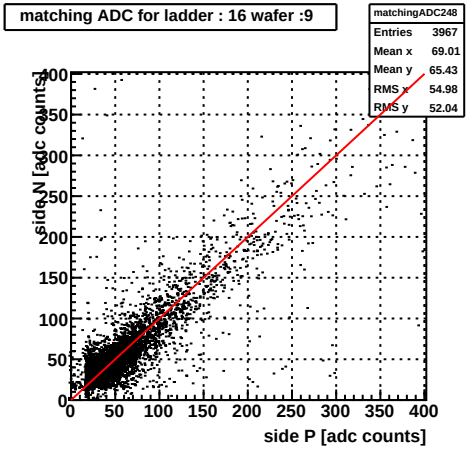

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 3717
Mean x 69.19
Mean y 68.08
RMS x 54.85
RMS y 54.62
side N [adc counts]
side P [adc counts]

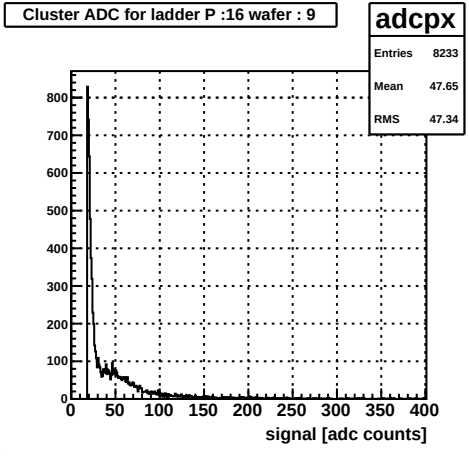

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8142
Mean 49.96
RMS 48
signal [adc counts]

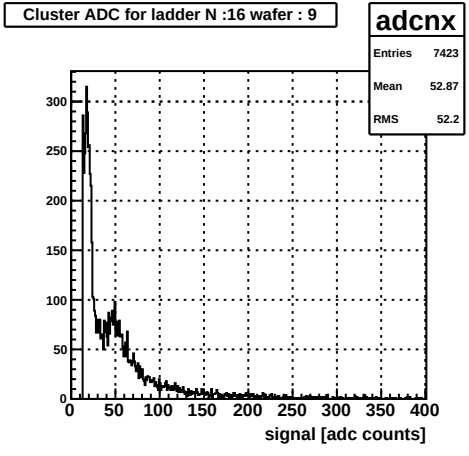

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 5817
Mean 60.25
RMS 54.54
signal [adc counts]

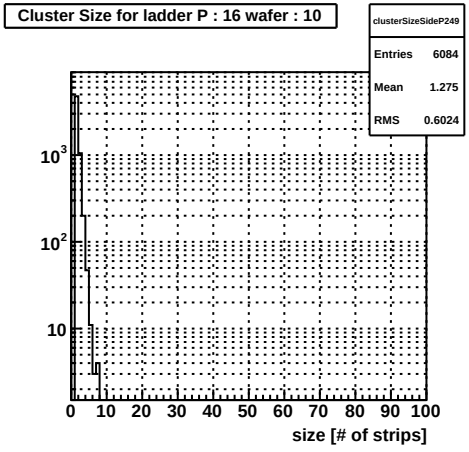

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8233
Mean 1.207
RMS 0.5234
size [# of strips]

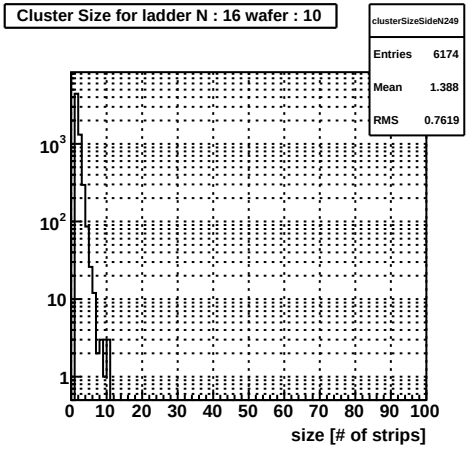

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 7423
Mean 1.409
RMS 0.7722
size [# of strips]

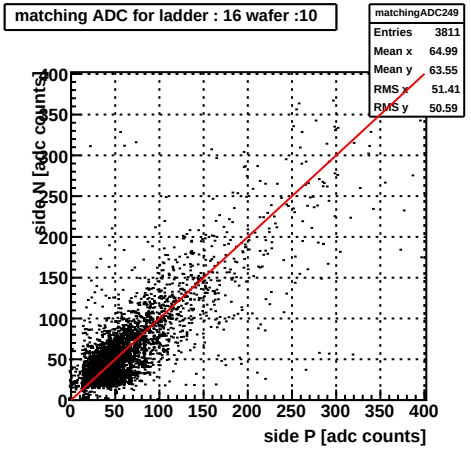

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 3967
Mean x 69.01
Mean y 65.43
RMS x 54.98
RMS y 52.04
side N [adc counts]
side P [adc counts]

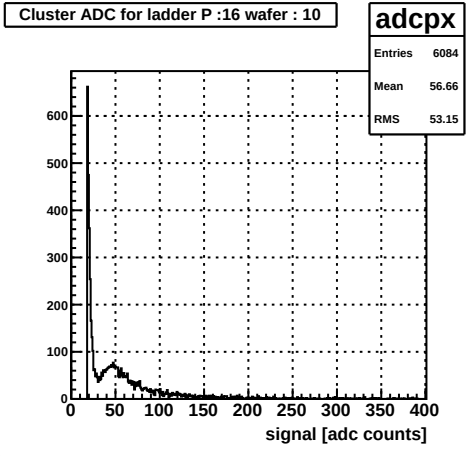

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8233
Mean 47.65
RMS 47.34
signal [adc counts]

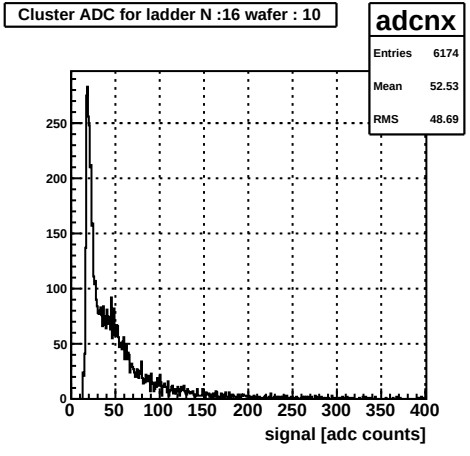

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 7423
Mean 52.87
RMS 52.2
signal [adc counts]

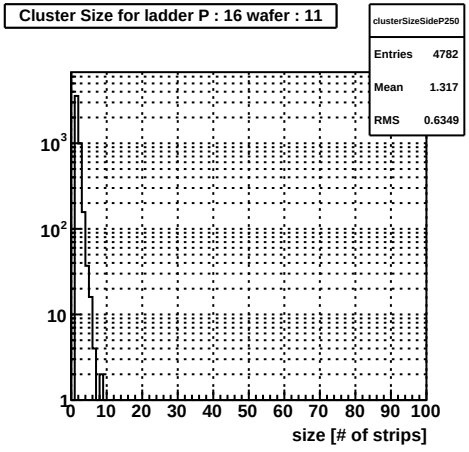

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6084
Mean 1.275
RMS 0.6024
size [# of strips]

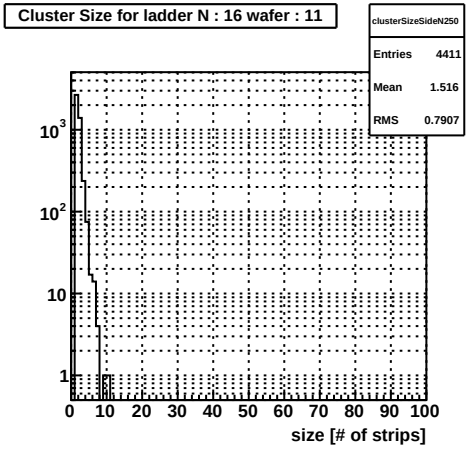

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 6174
Mean 1.388
RMS 0.7619
size [# of strips]

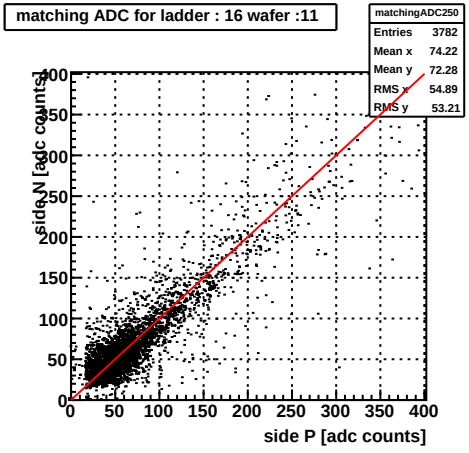

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 3811
Mean x 64.99
Mean y 63.55
RMS x 51.41
RMS y 50.59
side N [adc counts]
side P [adc counts]

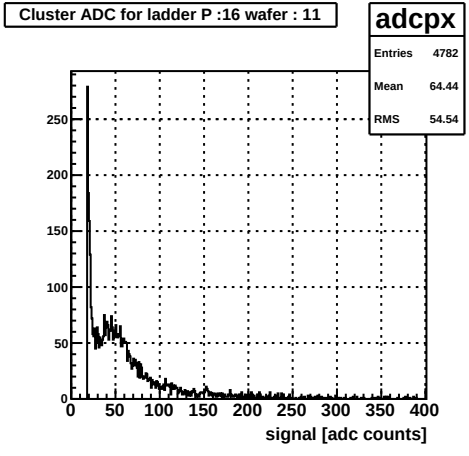

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6084
Mean 56.66
RMS 53.15
signal [adc counts]

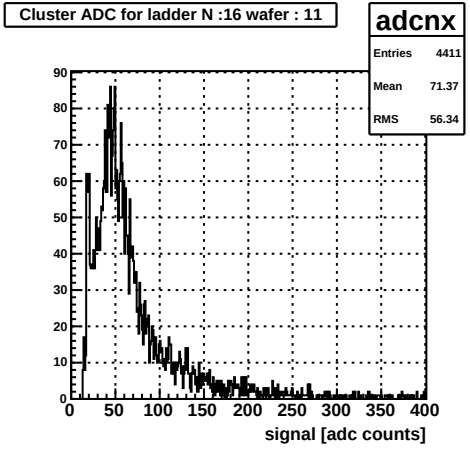

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 6174
Mean 52.53
RMS 48.69
signal [adc counts]

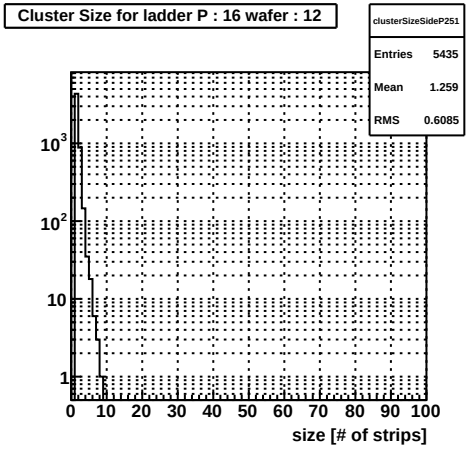

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4782
Mean 1.317
RMS 0.6349
size [# of strips]

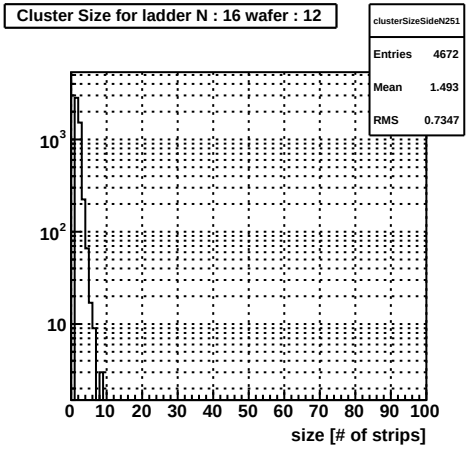

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 4411
Mean 1.516
RMS 0.7907
size [# of strips]

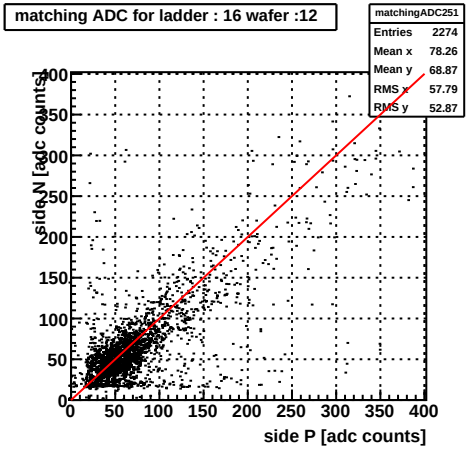

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 3782
Mean x 74.22
Mean y 72.28
RMS x 54.89
RMS y 53.21
side N [adc counts]
side P [adc counts]

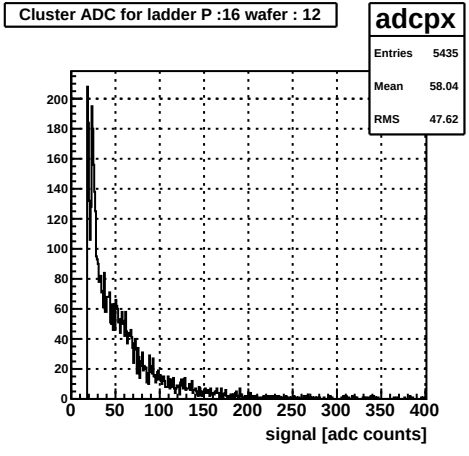

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4782
Mean 64.44
RMS 54.54
signal [adc counts]

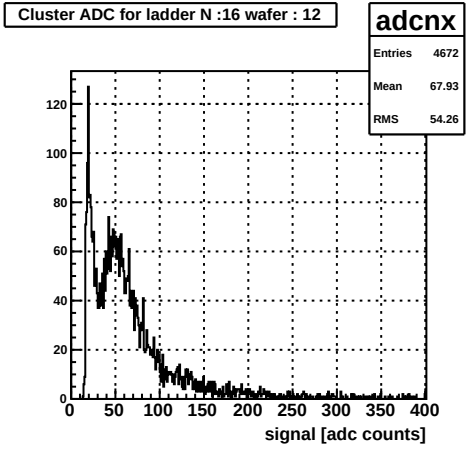

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 4411
Mean 71.37
RMS 56.34
signal [adc counts]

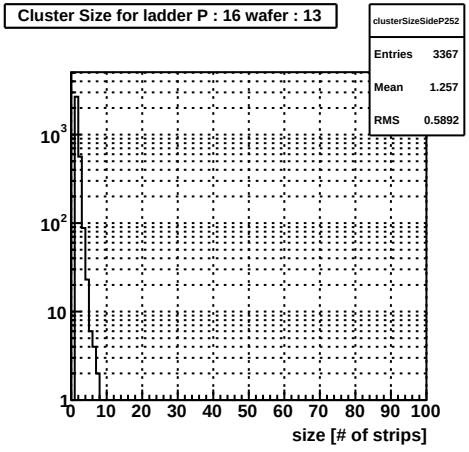

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 5435
Mean 1.259
RMS 0.6085
size [# of strips]

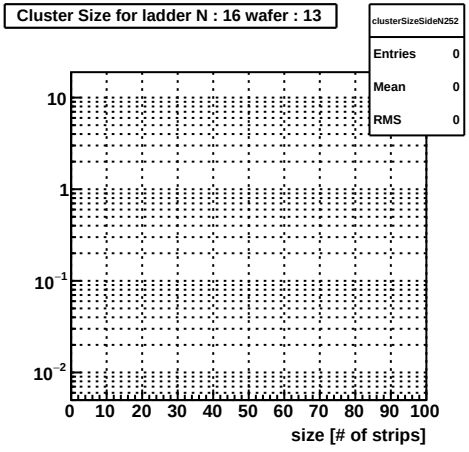

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 4672
Mean 1.493
RMS 0.7347
size [# of strips]

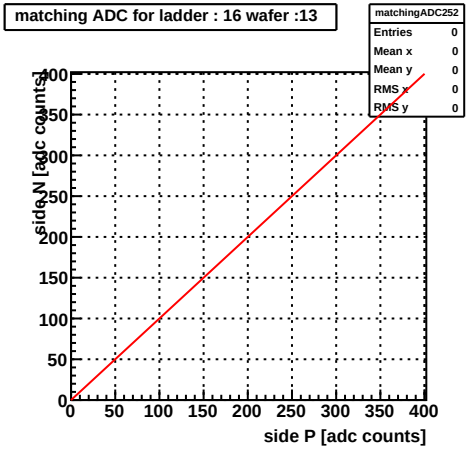

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 2274
Mean x 78.26
Mean y 68.87
RMS x 57.79
RMS y 52.87
side N [adc counts]
side P [adc counts]

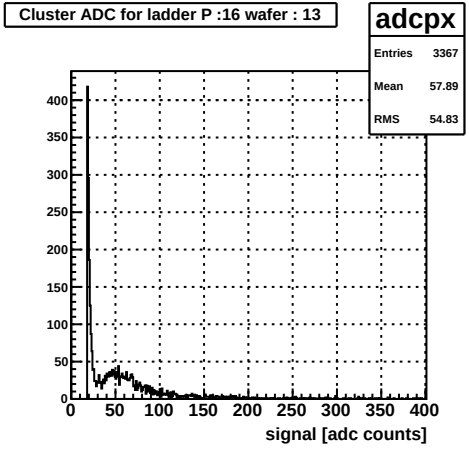

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 5435
Mean 58.04
RMS 47.62
signal [adc counts]

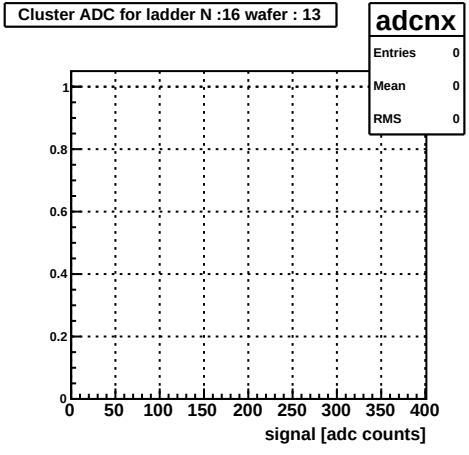

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 4672
Mean 67.93
RMS 54.26
signal [adc counts]

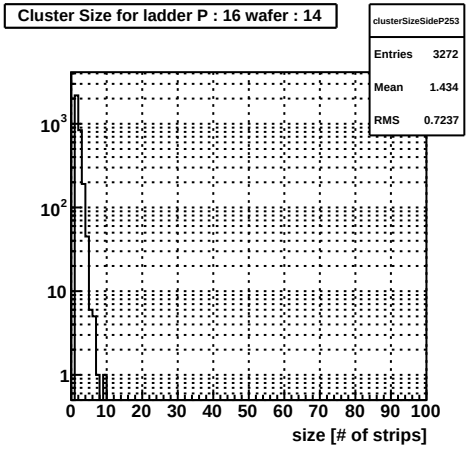

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3367
Mean 1.257
RMS 0.5892
size [# of strips]

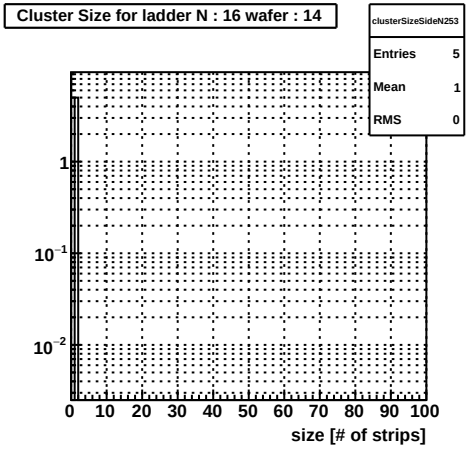

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

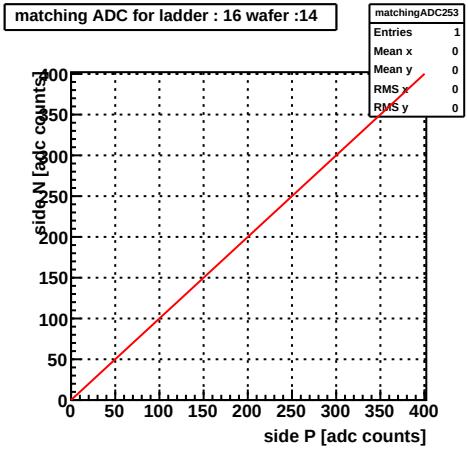

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

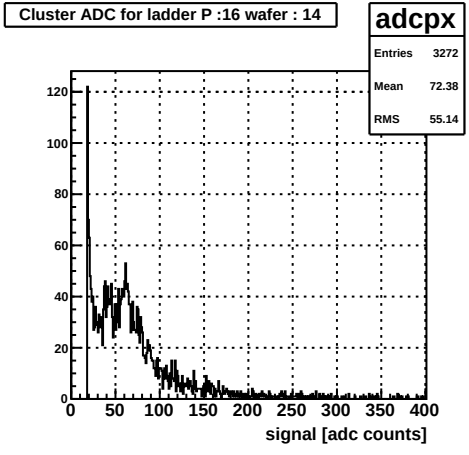

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3367
Mean 57.89
RMS 54.83
signal [adc counts]

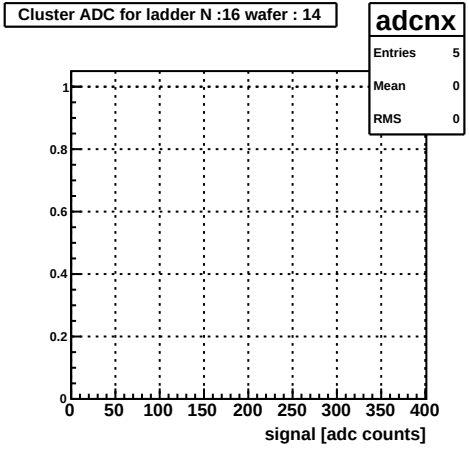

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

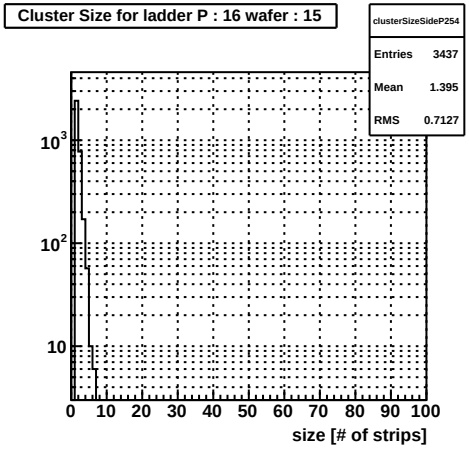

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 3272
Mean 1.434
RMS 0.7237
size [# of strips]

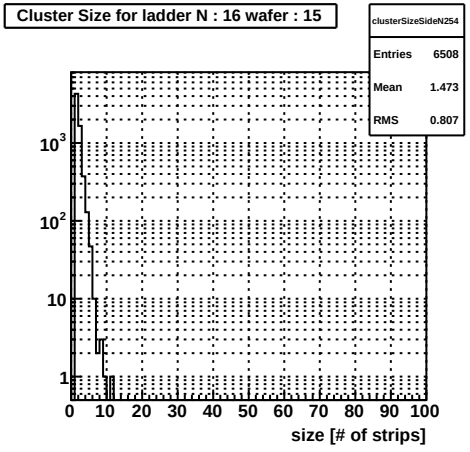

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 5
Mean 1
RMS 0
size [# of strips]

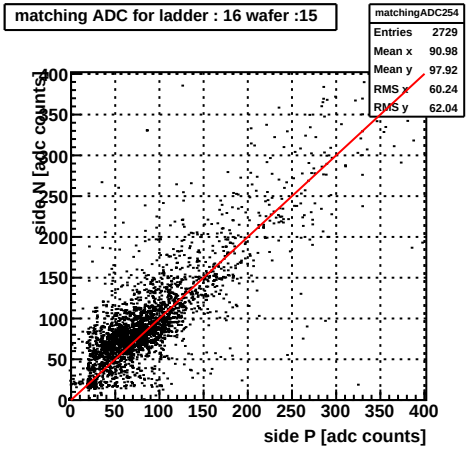

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

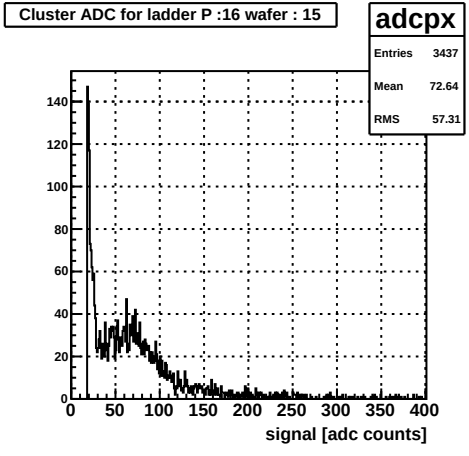

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 3272
Mean 72.38
RMS 55.14
signal [adc counts]

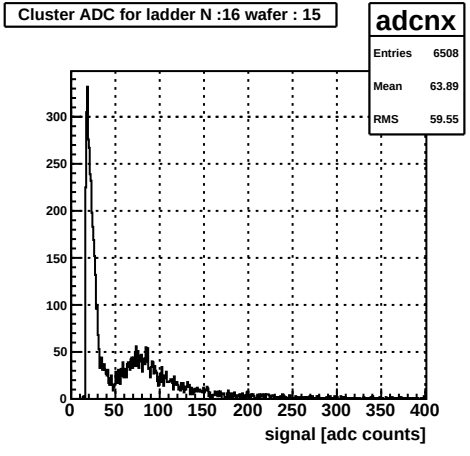

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

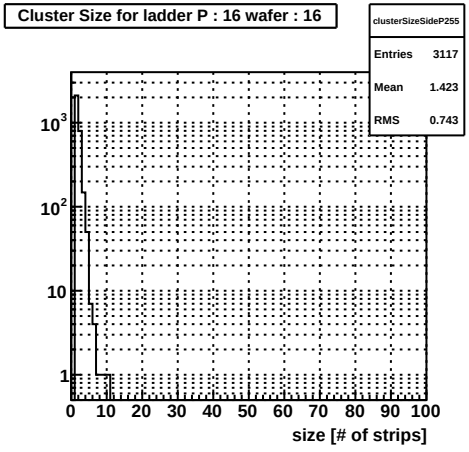

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3437
Mean 1.395
RMS 0.7127
size [# of strips]

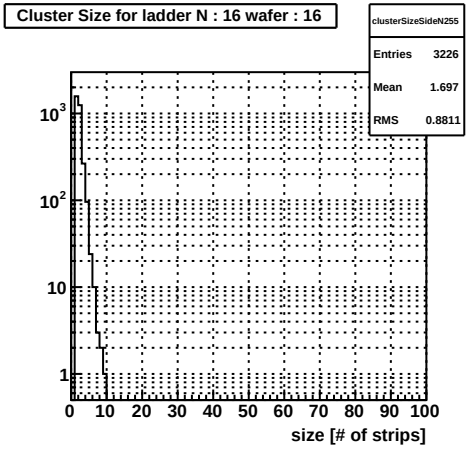

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 6508
Mean 1.473
RMS 0.807
size [# of strips]

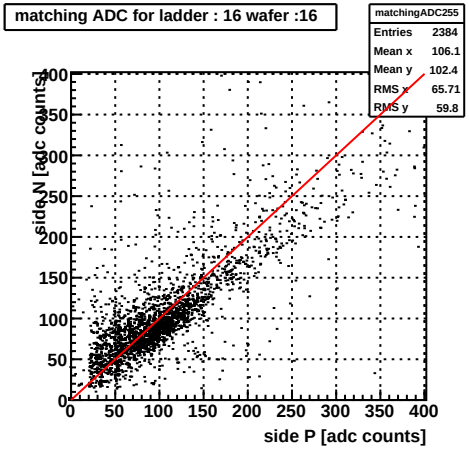

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 2729
Mean x 90.98
Mean y 97.92
RMS x 60.24
RMS y 62.04
side N [adc counts]
side P [adc counts]

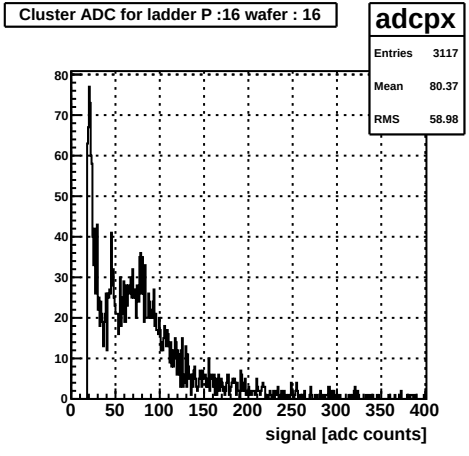

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3437
Mean 72.64
RMS 57.31
signal [adc counts]

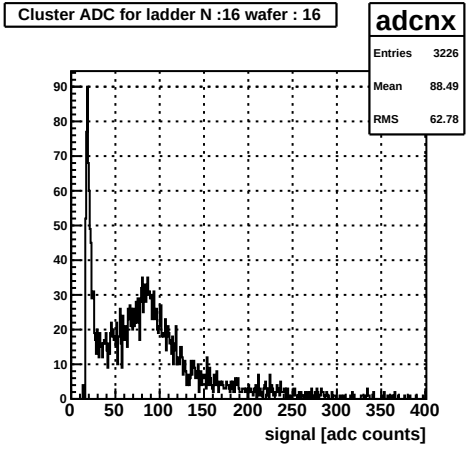

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 6508
Mean 63.89
RMS 59.55
signal [adc counts]

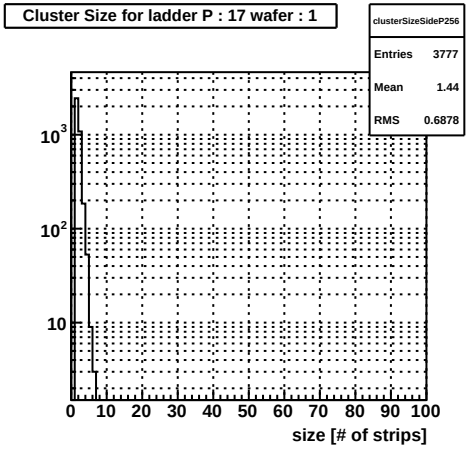

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3117
Mean 1.423
RMS 0.743
size [# of strips]

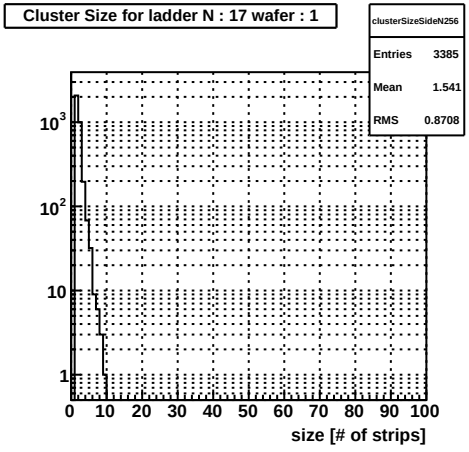

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 3226
Mean 1.697
RMS 0.8811
size [# of strips]

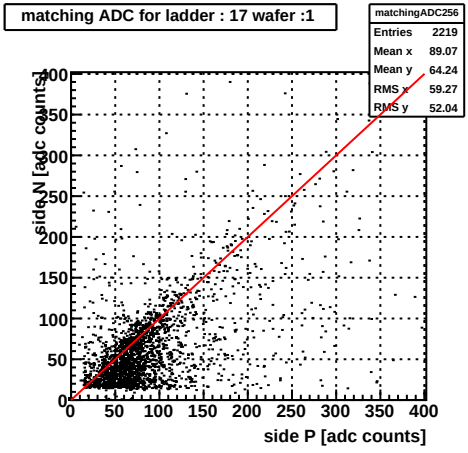

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 2384
Mean x 106.1
Mean y 102.4
RMS x 65.71
RMS y 59.8
side N [adc counts]
side P [adc counts]

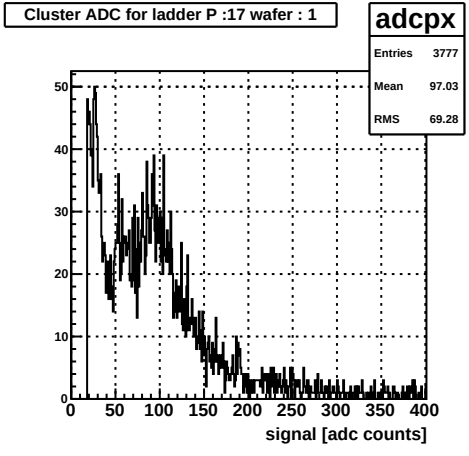

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3117
Mean 80.37
RMS 58.98
signal [adc counts]

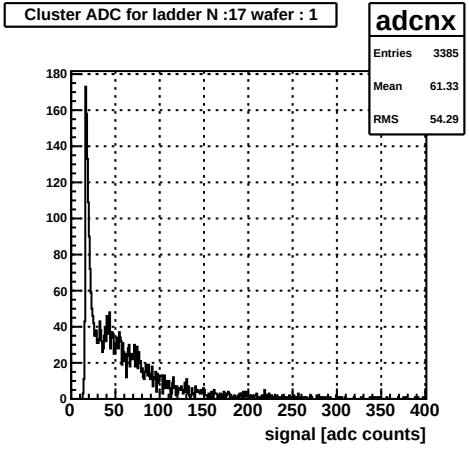

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 3226
Mean 88.49
RMS 62.78
signal [adc counts]

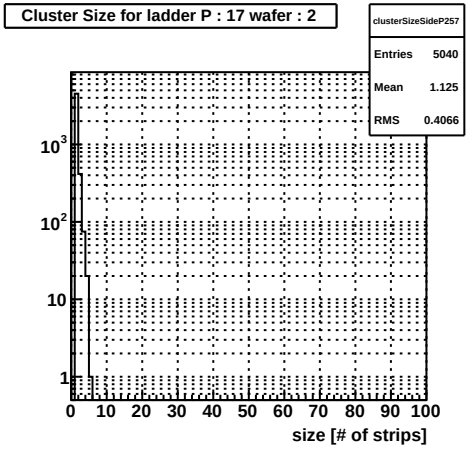

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 3777
Mean 1.44
RMS 0.6878
size [# of strips]

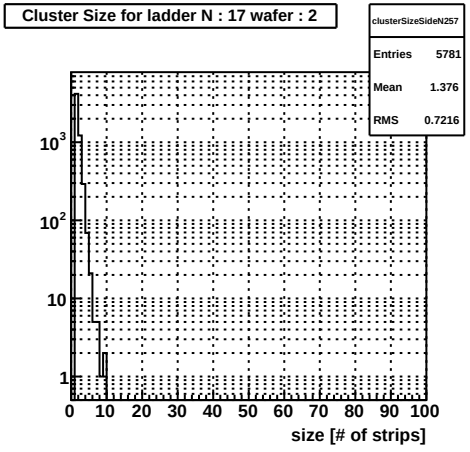

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 3385
Mean 1.541
RMS 0.8708
size [# of strips]

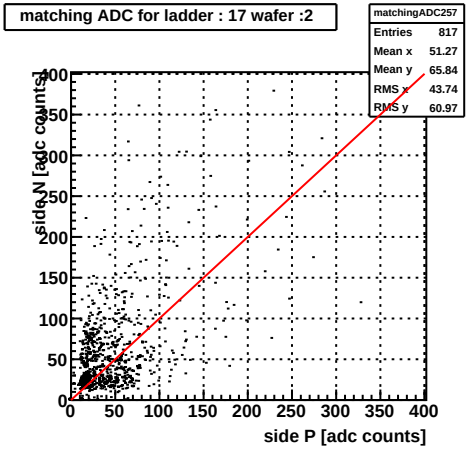

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 2219
Mean x 89.07
Mean y 64.24
RMS x 59.27
RMS y 52.04
side N [adc counts]
side P [adc counts]

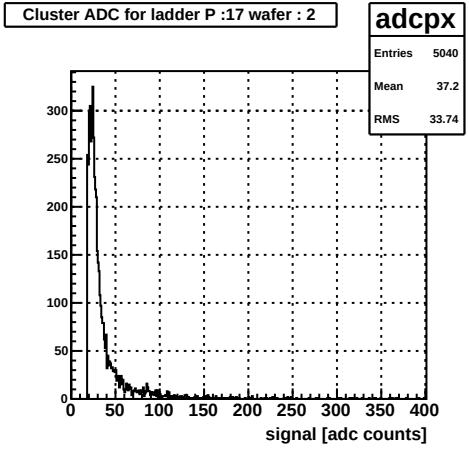

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 3777
Mean 97.03
RMS 69.28
signal [adc counts]

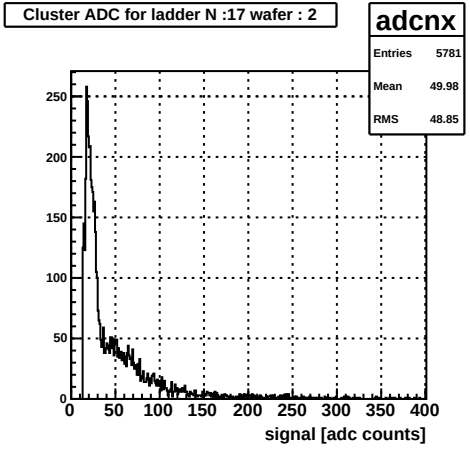

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 3385
Mean 61.33
RMS 54.29
signal [adc counts]

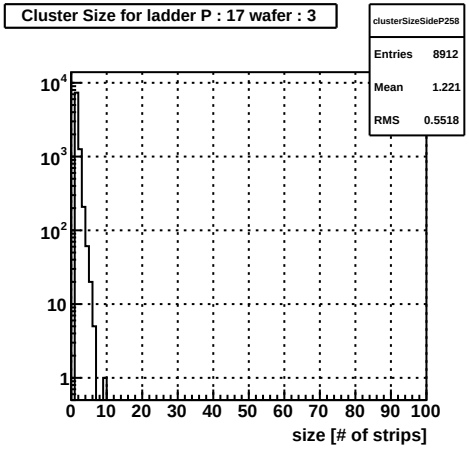

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 5040
Mean 1.125
RMS 0.4066
size [# of strips]

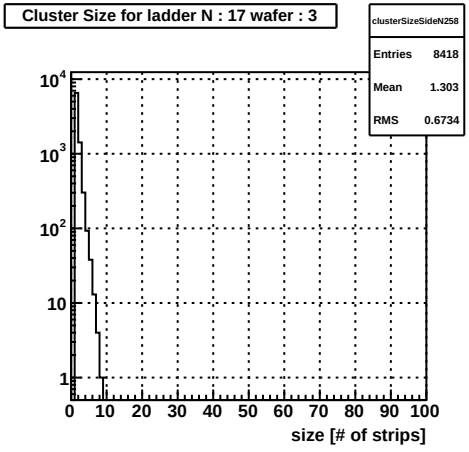

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5781
Mean 1.376
RMS 0.7216
size [# of strips]

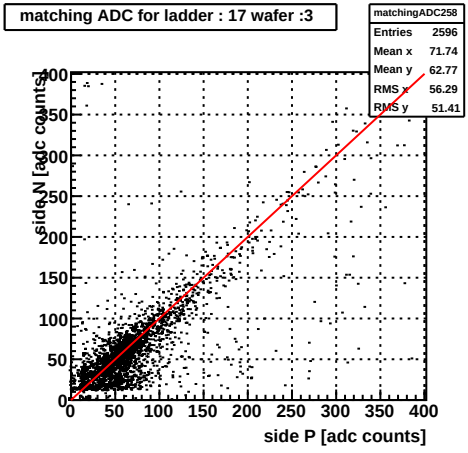

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 817
Mean x 51.27
Mean y 65.84
RMS x 43.74
RMS y 60.97
side N [adc counts]
side P [adc counts]

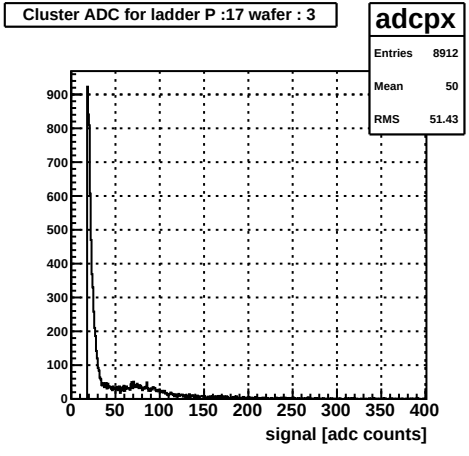

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 5040
Mean 37.2
RMS 33.74
signal [adc counts]

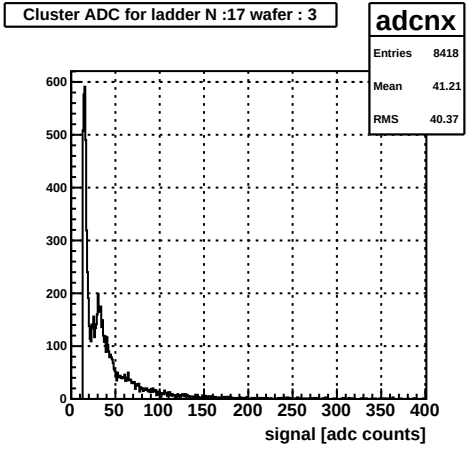

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5781
Mean 49.98
RMS 48.85
signal [adc counts]

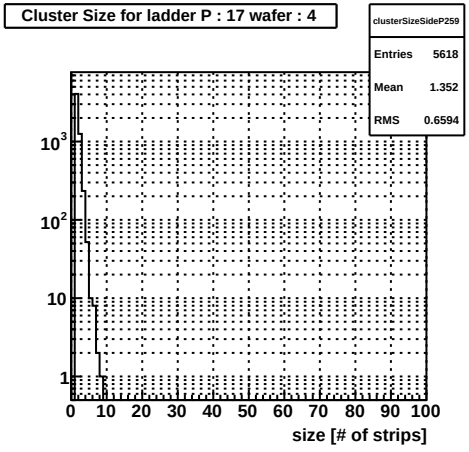

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8912
Mean 1.221
RMS 0.5518
size [# of strips]

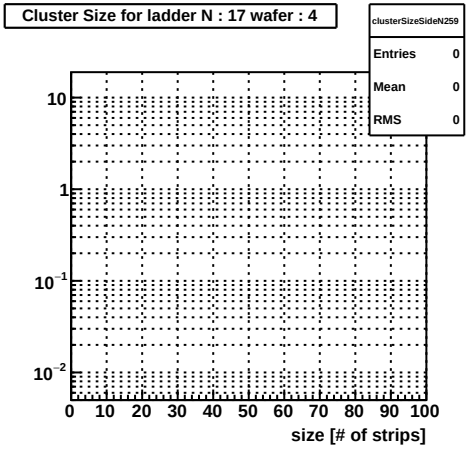

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8418
Mean 1.303
RMS 0.6734
size [# of strips]

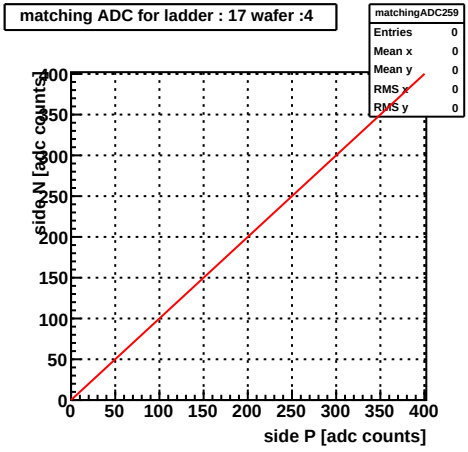

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 2596
Mean x 71.74
Mean y 62.77
RMS x 56.29
RMS y 51.41
side N [adc counts]
side P [adc counts]

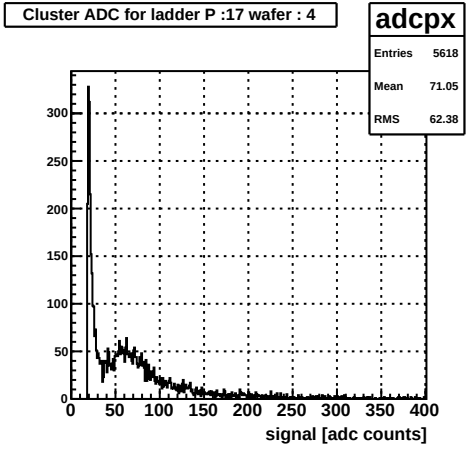

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8912
Mean 50
RMS 51.43
signal [adc counts]

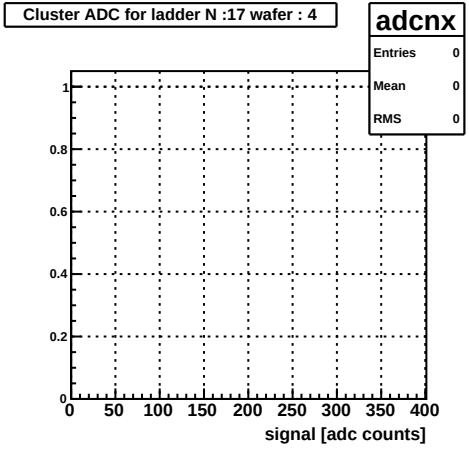

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8418
Mean 41.21
RMS 40.37
signal [adc counts]

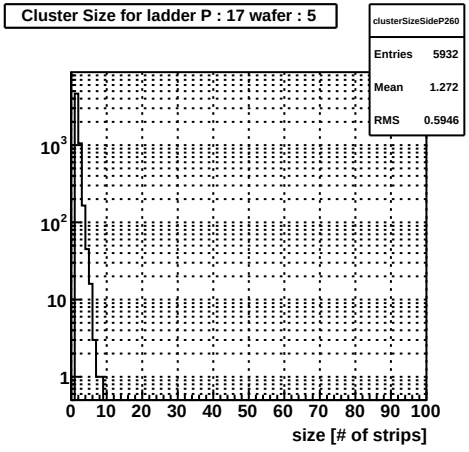

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5618
Mean 1.352
RMS 0.6594
size [# of strips]

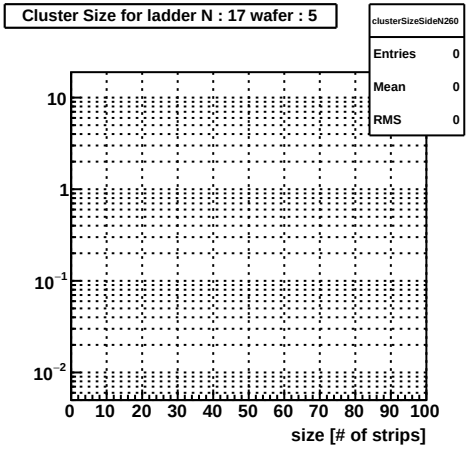

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

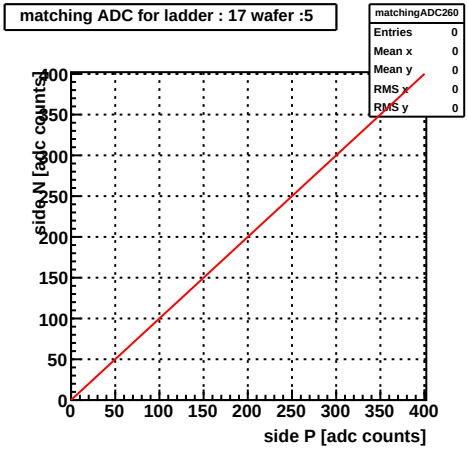

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

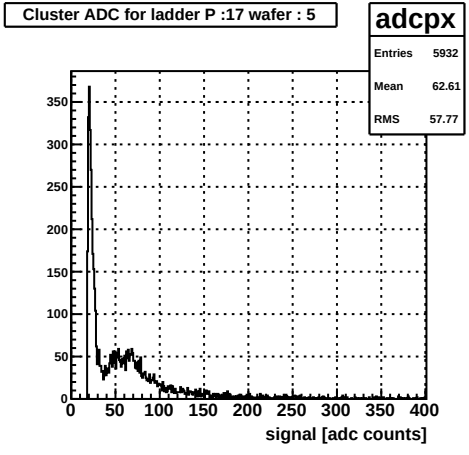

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5618
Mean 71.05
RMS 62.38
signal [adc counts]

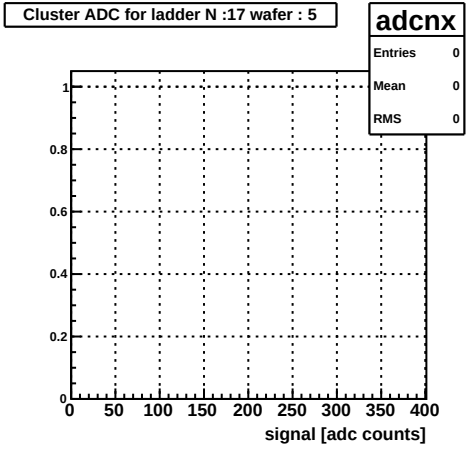

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

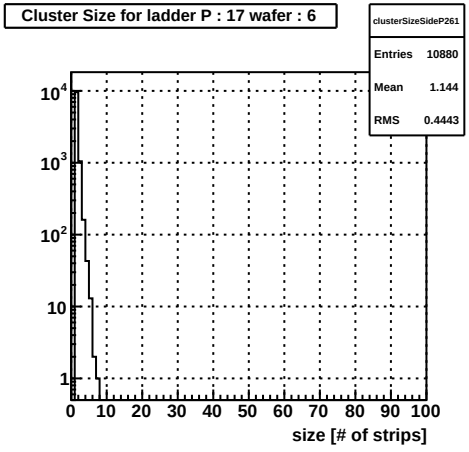

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 5932
Mean 1.272
RMS 0.5946
size [# of strips]

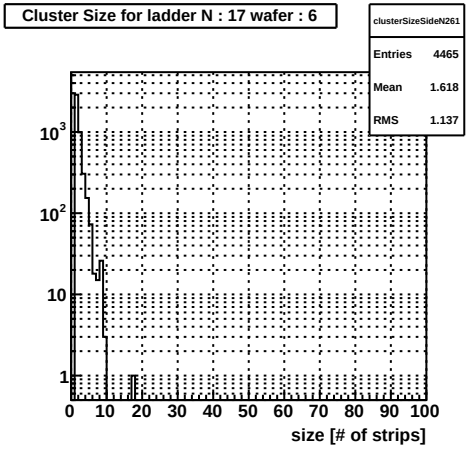

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

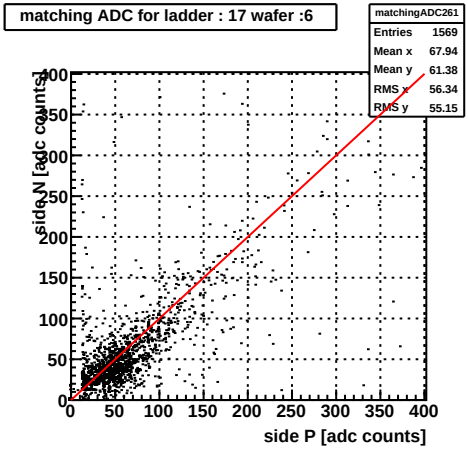

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

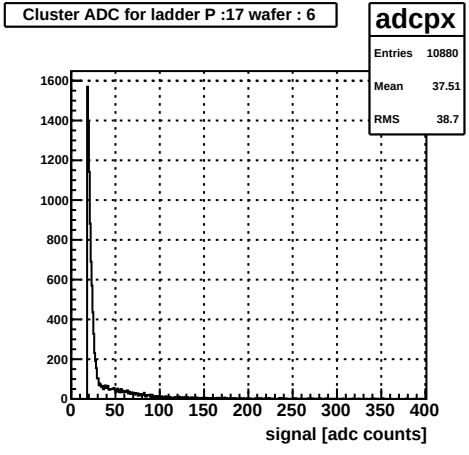

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 5932
Mean 62.61
RMS 57.77
signal [adc counts]

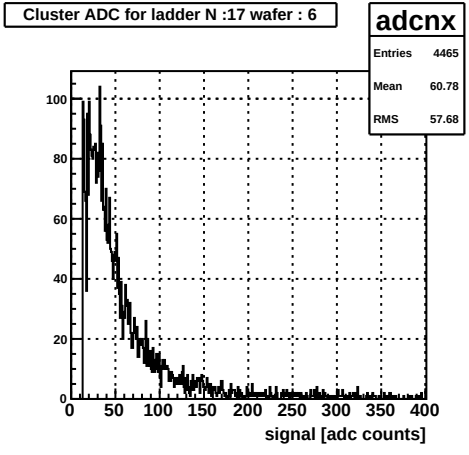

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

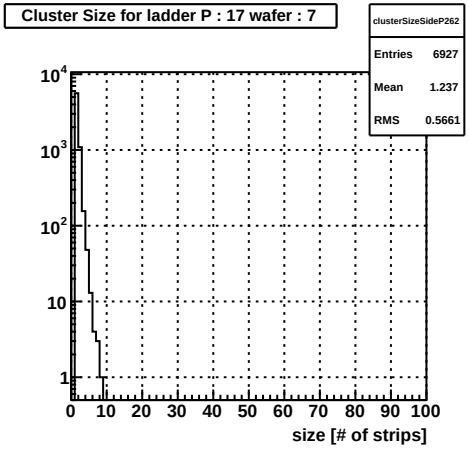

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 10880
Mean 1.144
RMS 0.4443
size [# of strips]

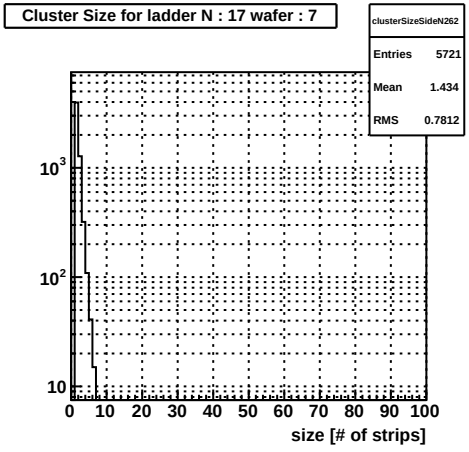

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 4465
Mean 1.618
RMS 1.137
size [# of strips]

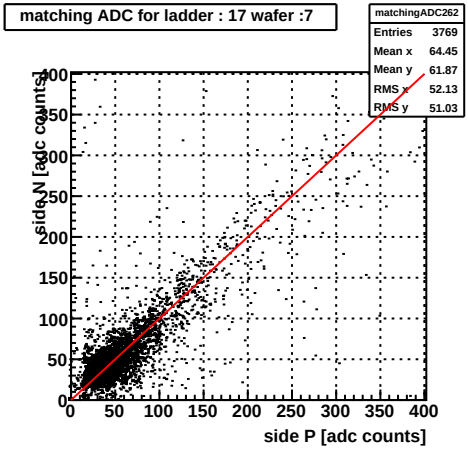

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 1569
Mean x 67.94
Mean y 61.38
RMS x 56.34
RMS y 55.15
side N [adc counts]
side P [adc counts]

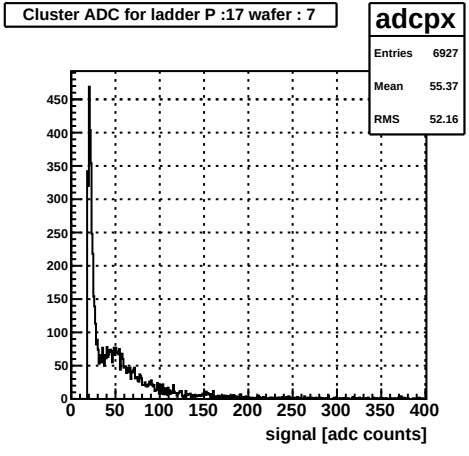

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 10880
Mean 37.51
RMS 38.7
signal [adc counts]

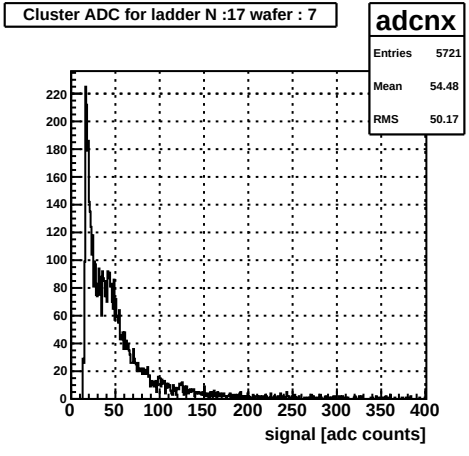

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 4465
Mean 60.78
RMS 57.68
signal [adc counts]

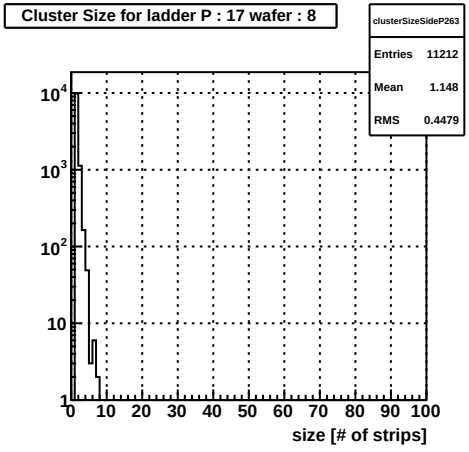

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 6927
Mean 1.237
RMS 0.5661
size [# of strips]

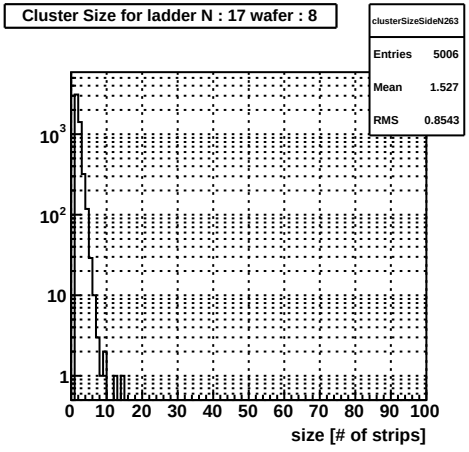

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5721
Mean 1.434
RMS 0.7812
size [# of strips]

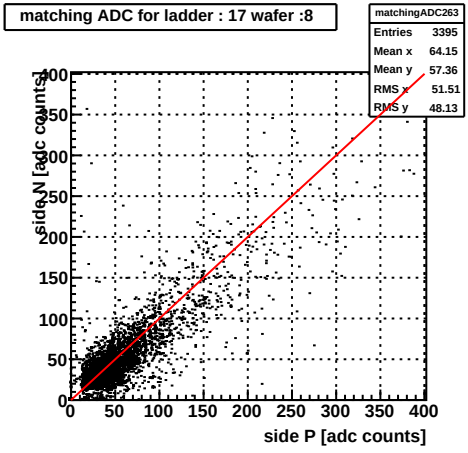

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 3769
Mean x 64.45
Mean y 61.87
RMS x 52.13
RMS y 51.03
side N [adc counts]
side P [adc counts]

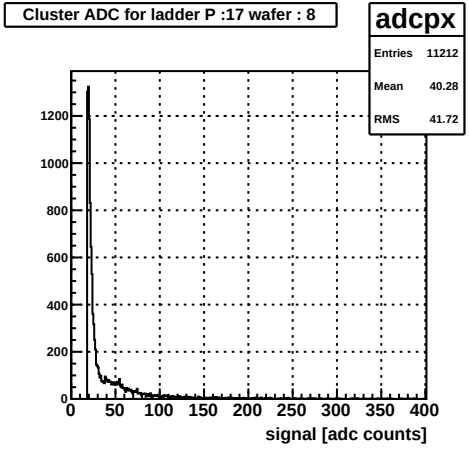

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 6927
Mean 55.37
RMS 52.16
signal [adc counts]

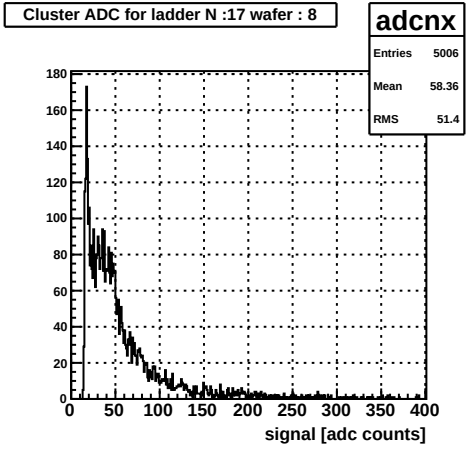

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5721
Mean 54.48
RMS 50.17
signal [adc counts]

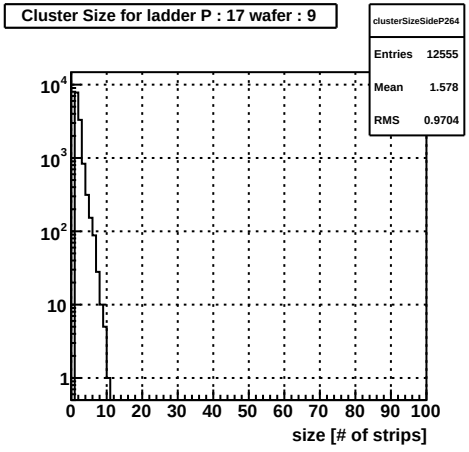

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 11212
Mean 1.148
RMS 0.4479
size [# of strips]

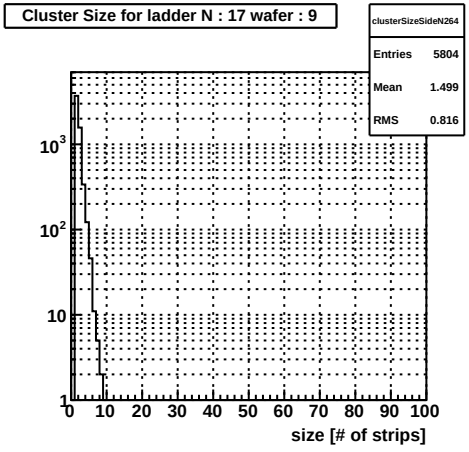

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 5006
Mean 1.527
RMS 0.8543
size [# of strips]

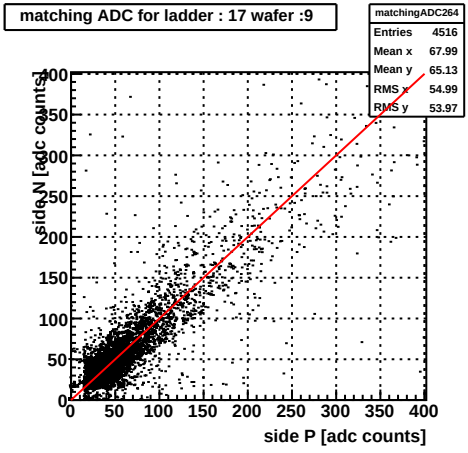

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 3395
Mean x 64.15
Mean y 57.36
RMS x 51.51
RMS y 48.13
side N [adc counts]
side P [adc counts]

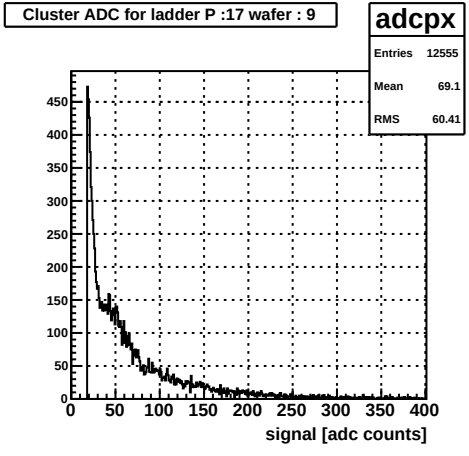

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 11212
Mean 40.28
RMS 41.72
signal [adc counts]

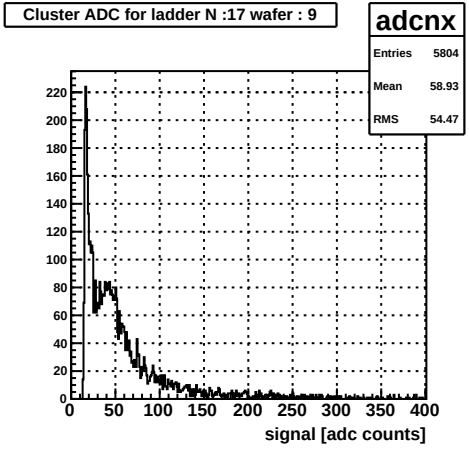

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 5006
Mean 58.36
RMS 51.4
signal [adc counts]

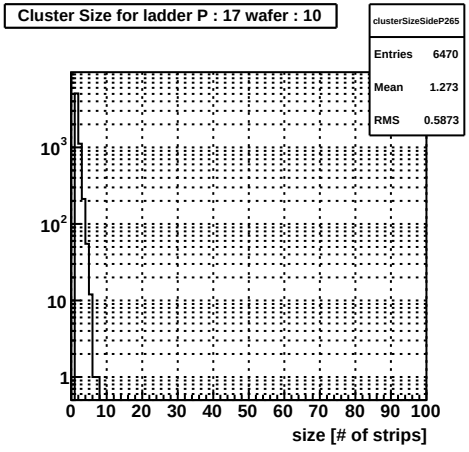

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 12555
Mean 1.578
RMS 0.9704
size [# of strips]

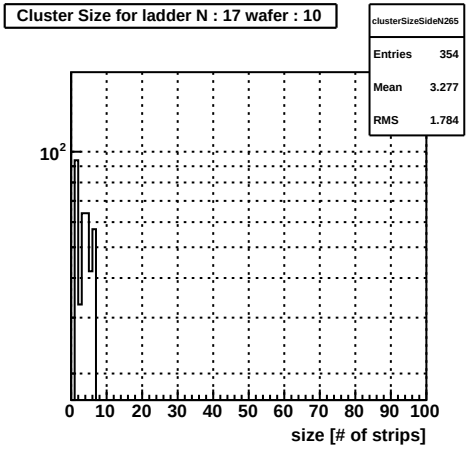

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 5804
Mean 1.499
RMS 0.816
size [# of strips]

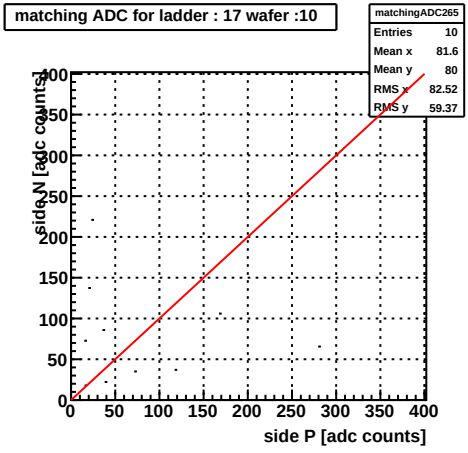

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 4516
Mean x 67.99
Mean y 65.13
RMS x 54.99
RMS y 53.97
side N [adc counts]
side P [adc counts]

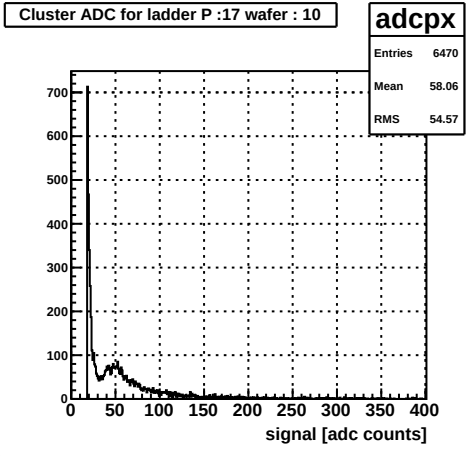

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 12555
Mean 69.1
RMS 60.41
signal [adc counts]

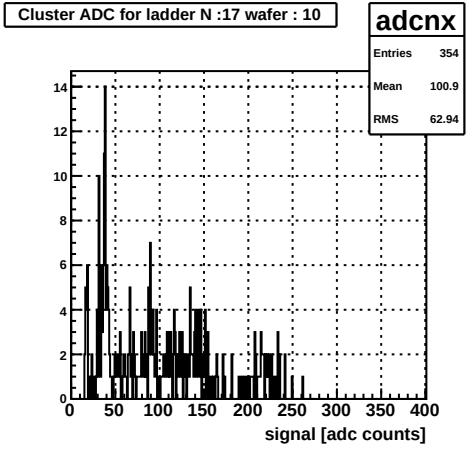

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 5804
Mean 58.93
RMS 54.47
signal [adc counts]

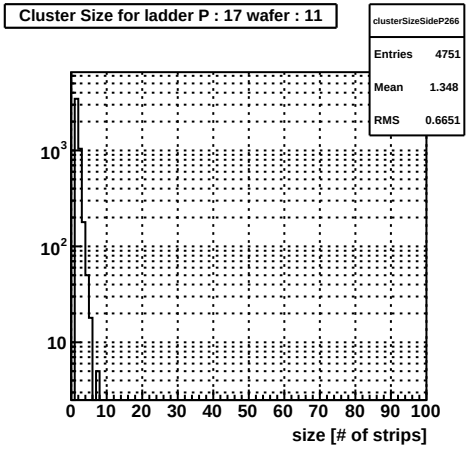

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6470
Mean 1.273
RMS 0.5873
size [# of strips]

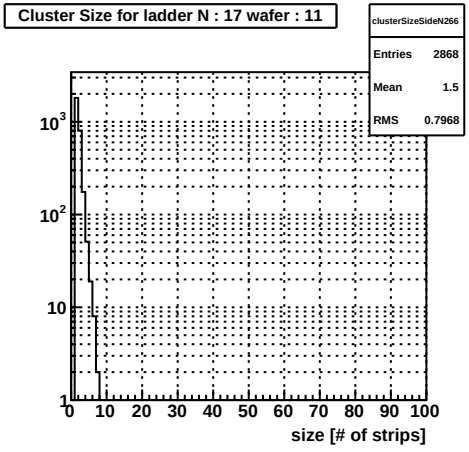

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 354
Mean 3.277
RMS 1.784
size [# of strips]

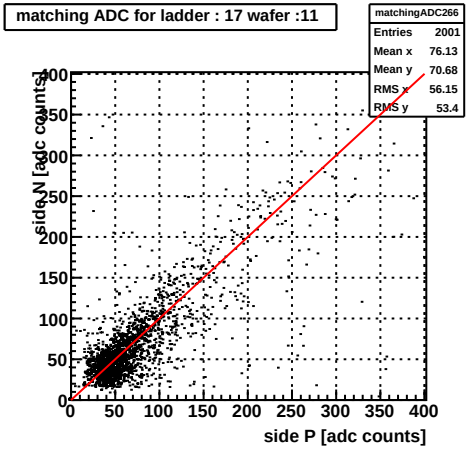

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 10
Mean x 81.6
Mean y 80
RMS x 82.52
RMS y 59.37
side N [adc counts]
side P [adc counts]

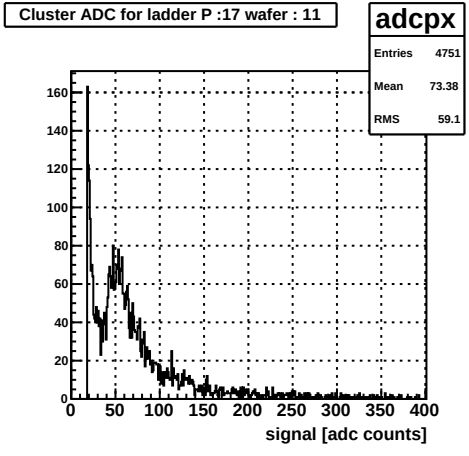

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6470
Mean 58.06
RMS 54.57
signal [adc counts]

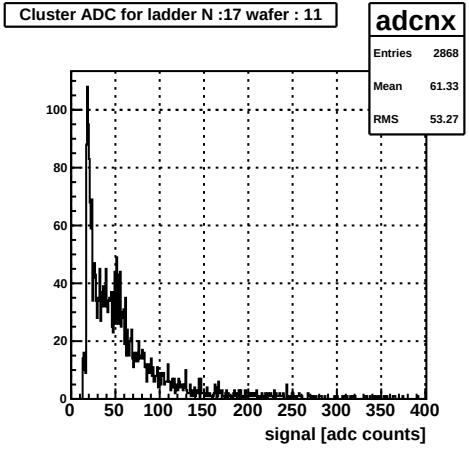

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 354
Mean 100.9
RMS 62.94
signal [adc counts]

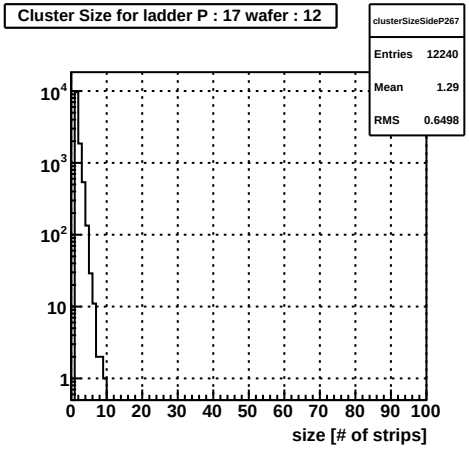

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 4751
Mean 1.348
RMS 0.6651
size [# of strips]

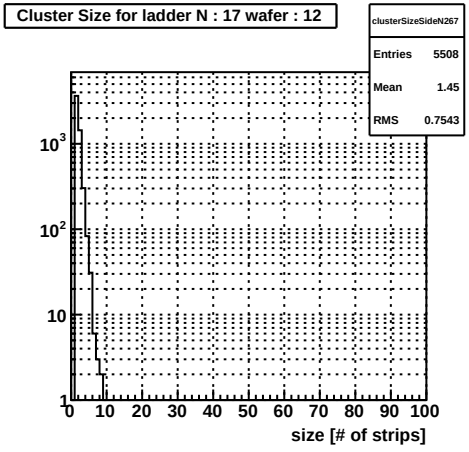

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2868
Mean 1.5
RMS 0.7968
size [# of strips]

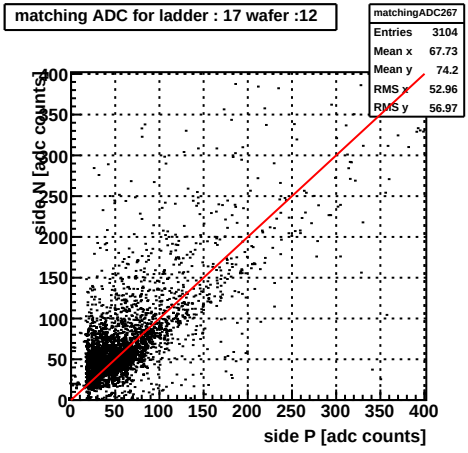

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 2001
Mean x 76.13
Mean y 70.68
RMS x 56.15
RMS y 53.4
side N [adc counts]
side P [adc counts]

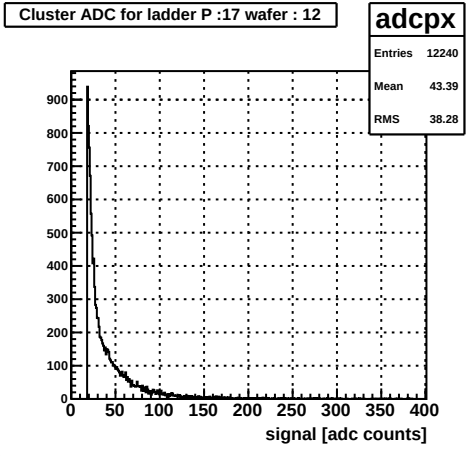

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 4751
Mean 73.38
RMS 59.1
signal [adc counts]

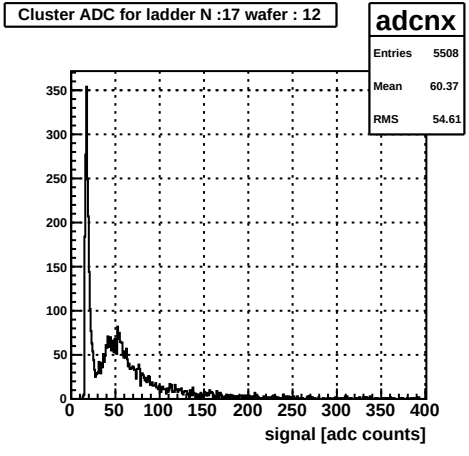

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2868
Mean 61.33
RMS 53.27
signal [adc counts]

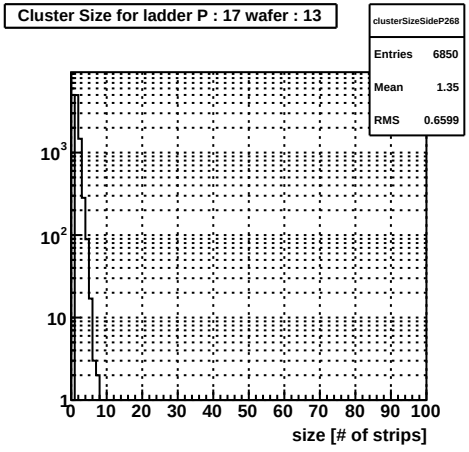

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 12240
Mean 1.29
RMS 0.6498
size [# of strips]

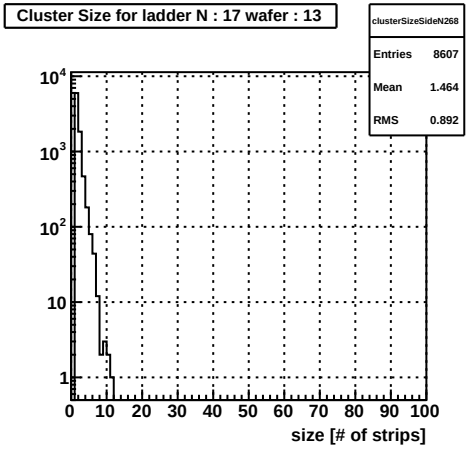

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 5508
Mean 1.45
RMS 0.7543
size [# of strips]

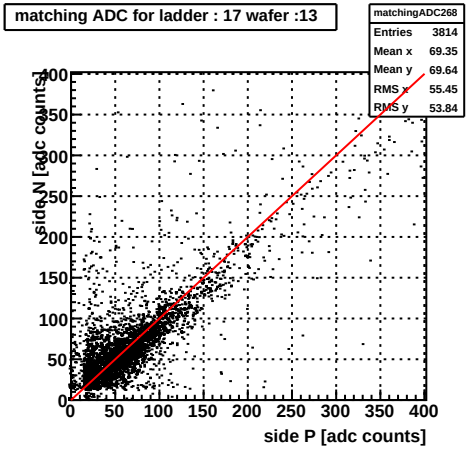

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 3104
Mean x 67.73
Mean y 74.2
RMS x 52.96
RMS y 56.97
side N [adc counts]
side P [adc counts]

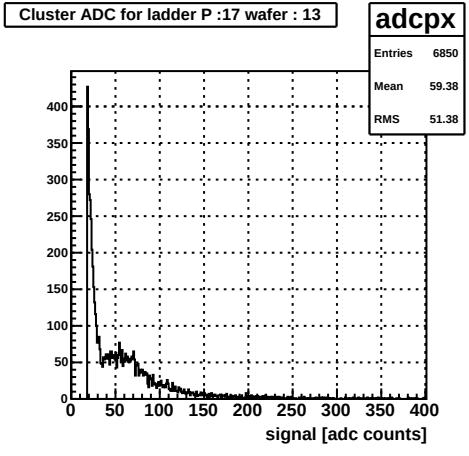

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 12240
Mean 43.39
RMS 38.28
signal [adc counts]

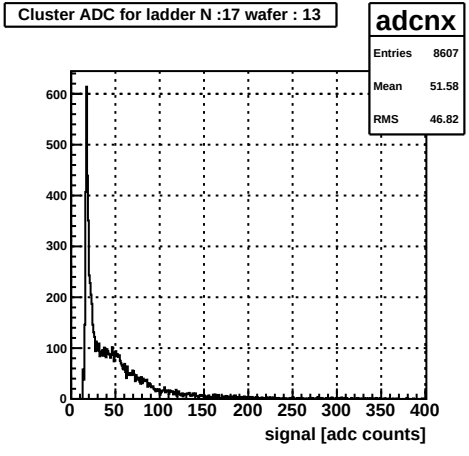

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 5508
Mean 60.37
RMS 54.61
signal [adc counts]

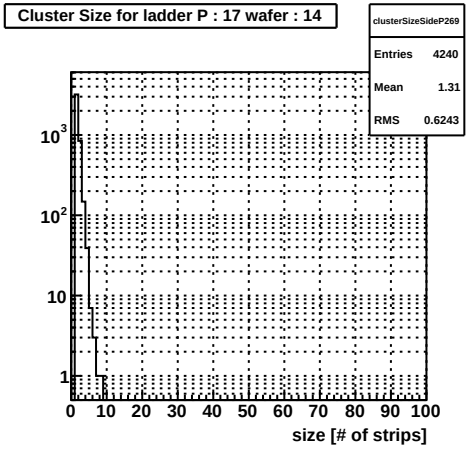

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6850
Mean 1.35
RMS 0.6599
size [# of strips]

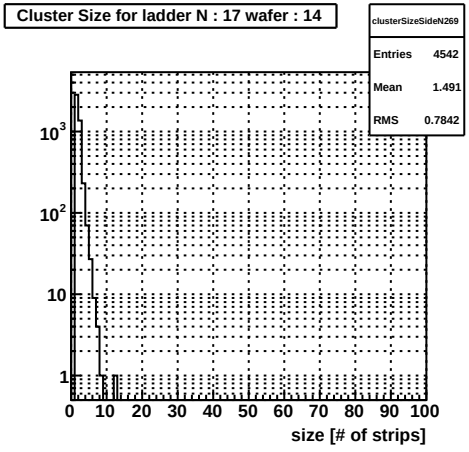

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8607
Mean 1.464
RMS 0.892
size [# of strips]

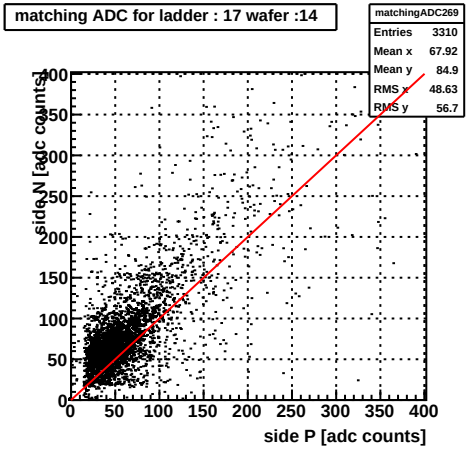

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 3814
Mean x 69.35
Mean y 69.64
RMS x 55.45
RMS y 53.84
side N [adc counts]
side P [adc counts]

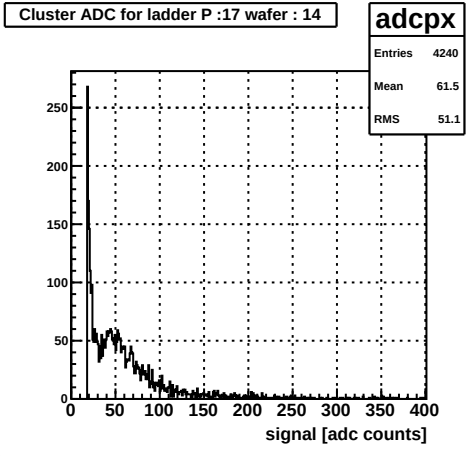

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6850
Mean 59.38
RMS 51.38
signal [adc counts]

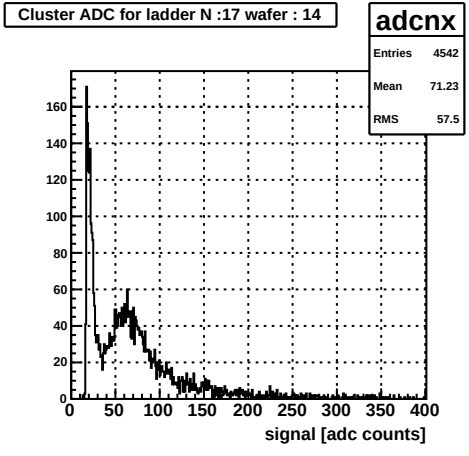

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8607
Mean 51.58
RMS 46.82
signal [adc counts]

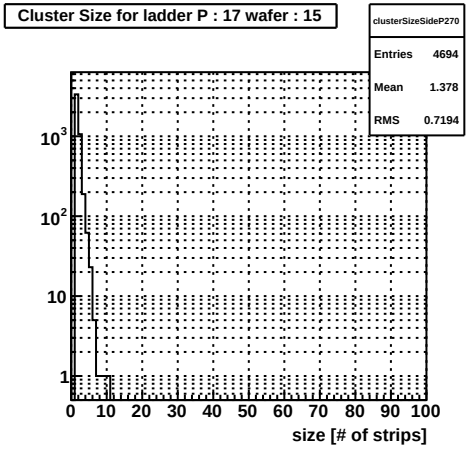

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 4240
Mean 1.31
RMS 0.6243
size [# of strips]

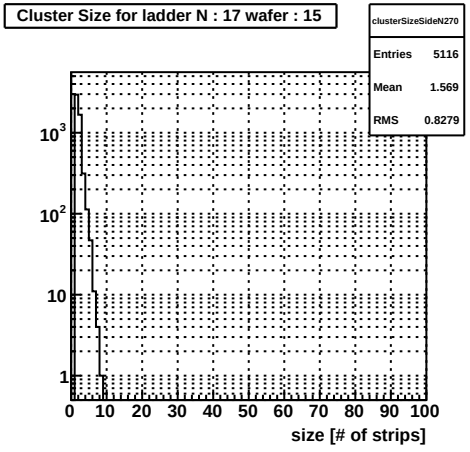

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 4542
Mean 1.491
RMS 0.7842
size [# of strips]

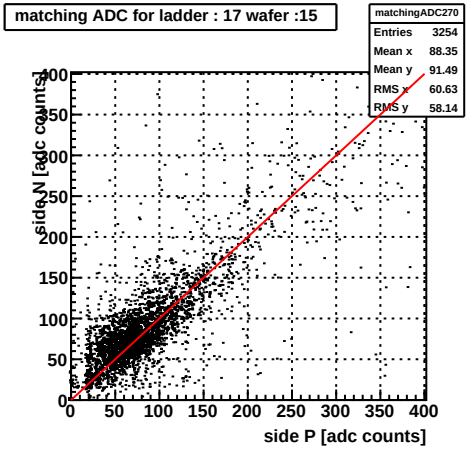

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 3310
Mean x 67.92
Mean y 84.9
RMS x 48.63
RMS y 56.7
side N [adc counts]
side P [adc counts]

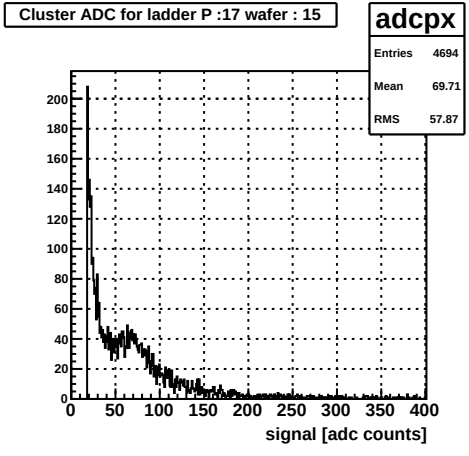

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 4240
Mean 61.5
RMS 51.1
signal [adc counts]

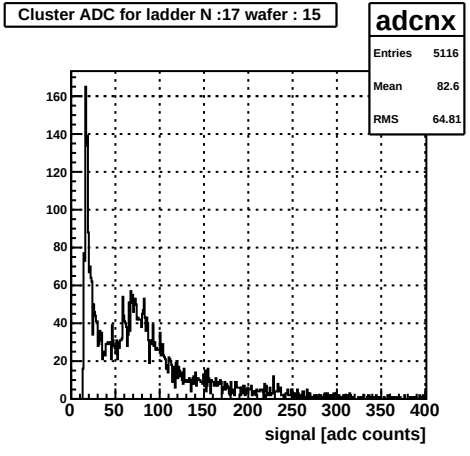

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 4542
Mean 71.23
RMS 57.5
signal [adc counts]

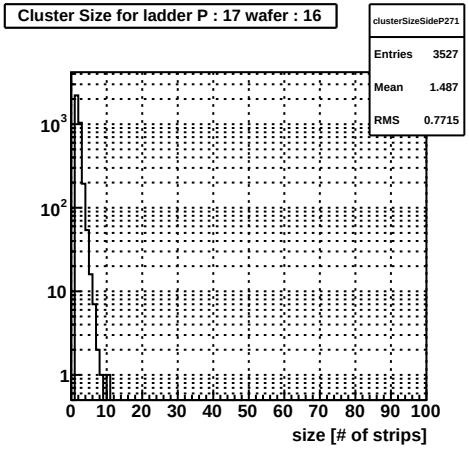

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 4694
Mean 1.378
RMS 0.7194
size [# of strips]

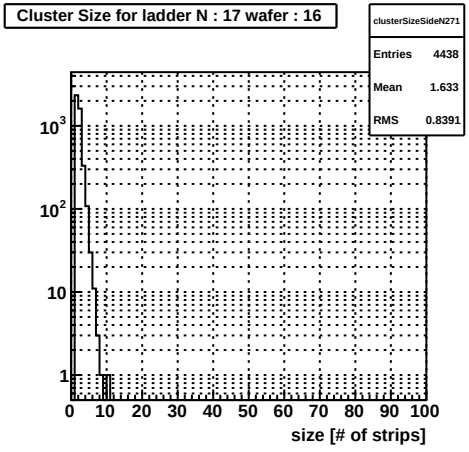

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 5116
Mean 1.569
RMS 0.8279
size [# of strips]

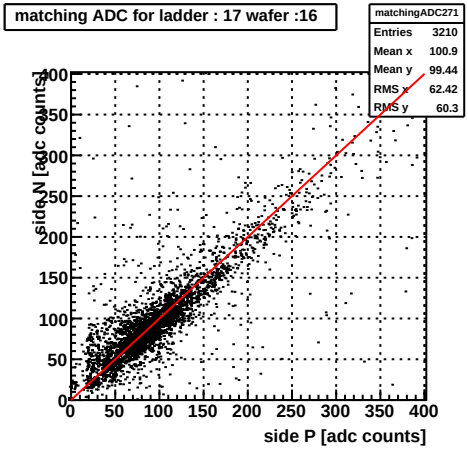

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 3254
Mean x 88.35
Mean y 91.49
RMS x 60.63
RMS y 58.14
side N [adc counts]
side P [adc counts]

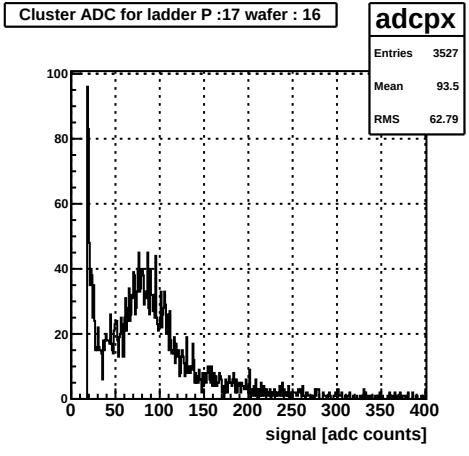

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 4694
Mean 69.71
RMS 57.87
signal [adc counts]

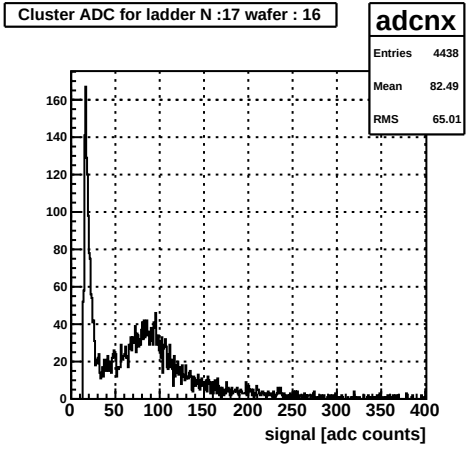

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 5116
Mean 82.6
RMS 64.81
signal [adc counts]

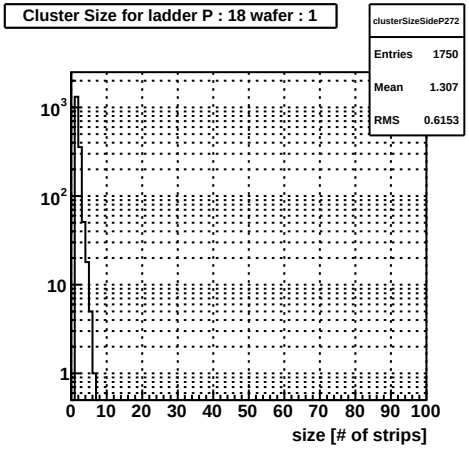

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3527
Mean 1.487
RMS 0.7715
size [# of strips]

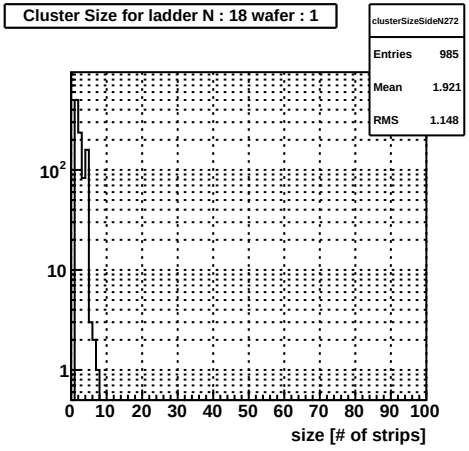

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 4438
Mean 1.633
RMS 0.8391
size [# of strips]

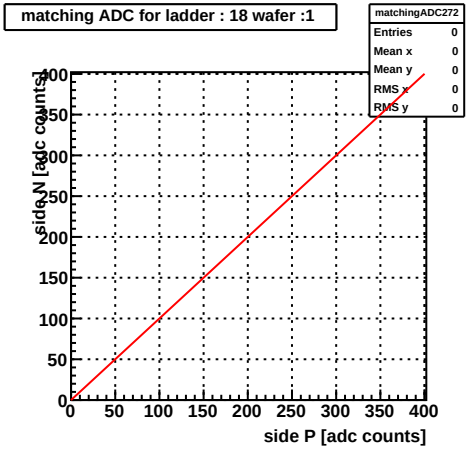

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 3210
Mean x 100.9
Mean y 99.44
RMS x 62.42
RMS y 60.3
side N [adc counts]
side P [adc counts]

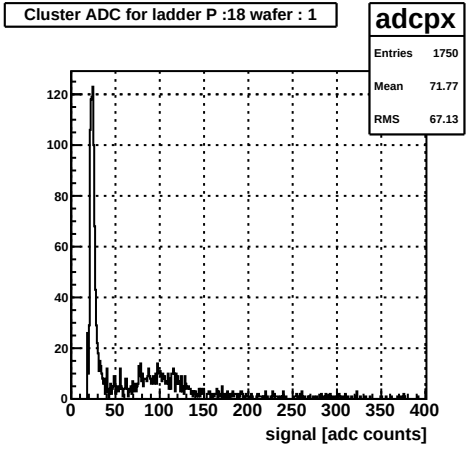

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3527
Mean 93.5
RMS 62.79
signal [adc counts]

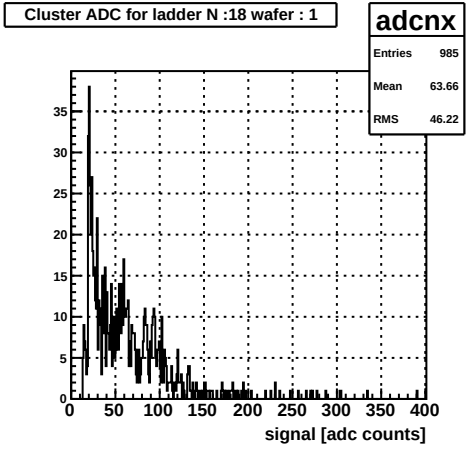

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 4438
Mean 82.49
RMS 65.01
signal [adc counts]

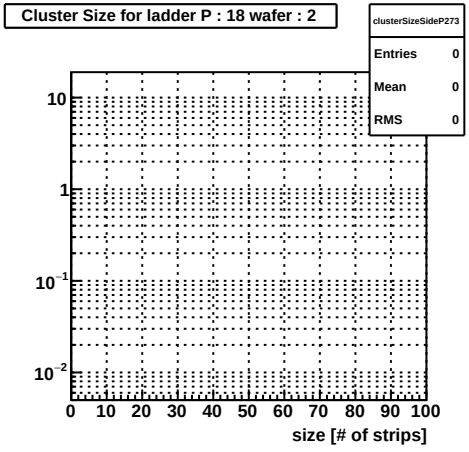

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 1750
Mean 1.307
RMS 0.6153
size [# of strips]

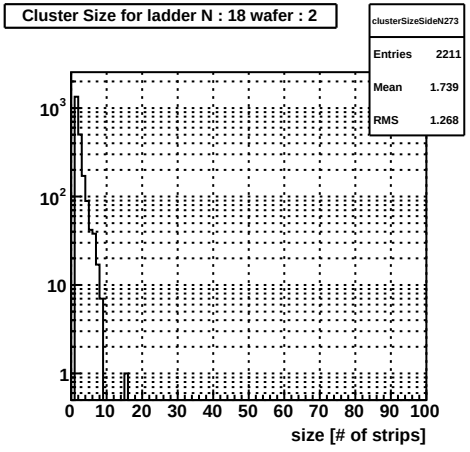

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 985
Mean 1.921
RMS 1.148
size [# of strips]

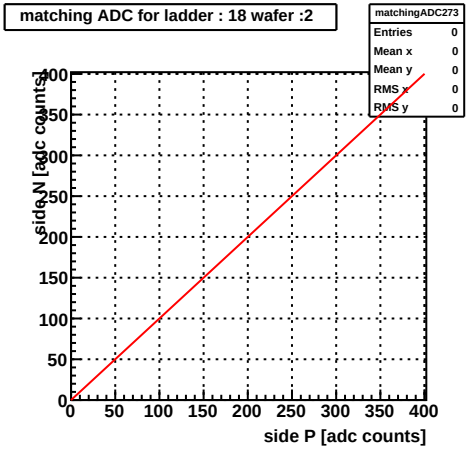

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

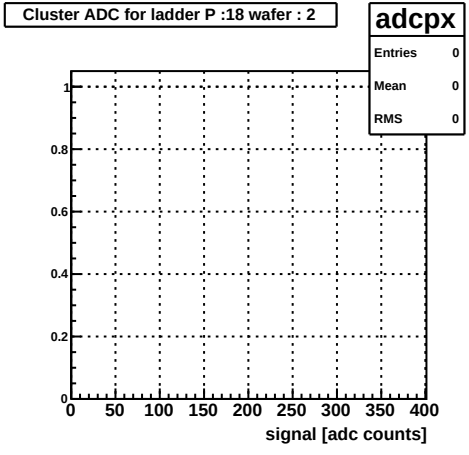

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 1750
Mean 71.77
RMS 67.13
signal [adc counts]

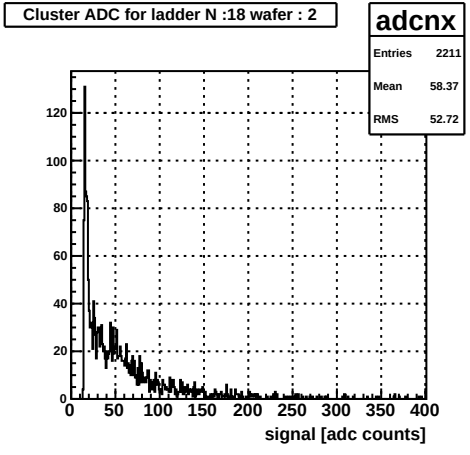

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 985
Mean 63.66
RMS 46.22
signal [adc counts]

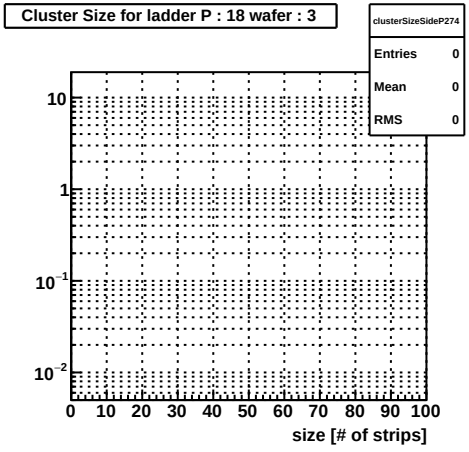

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

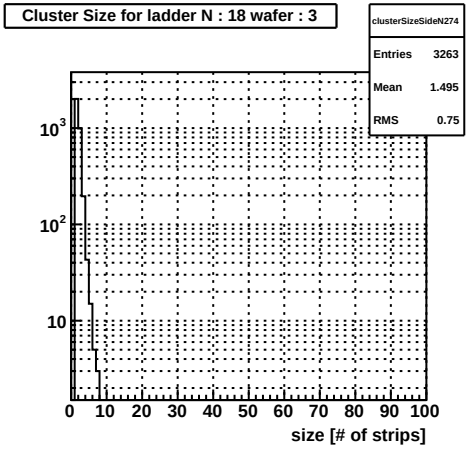

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2211
Mean 1.739
RMS 1.268
size [# of strips]

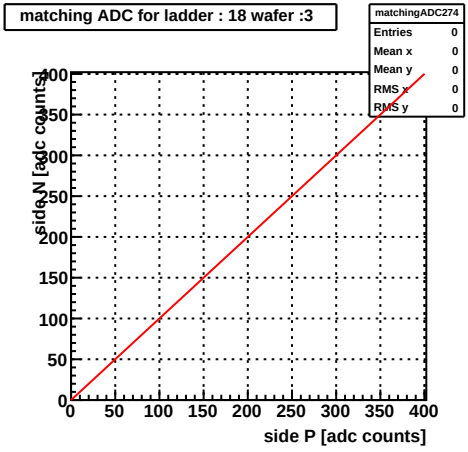

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

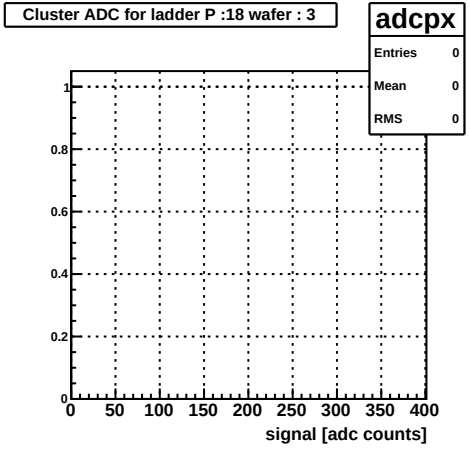

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

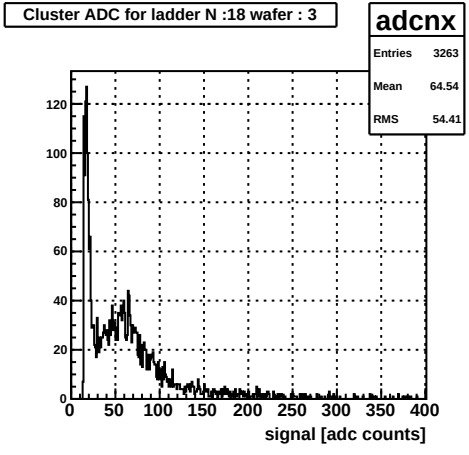

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2211
Mean 58.37
RMS 52.72
signal [adc counts]

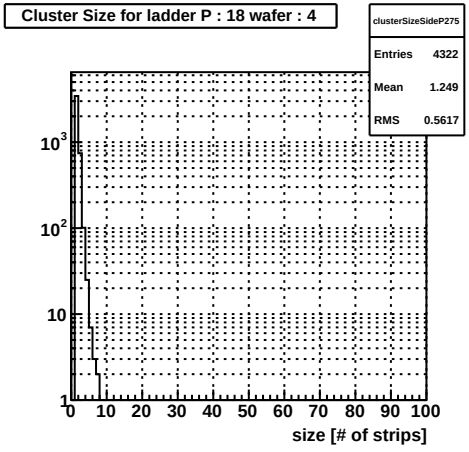

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

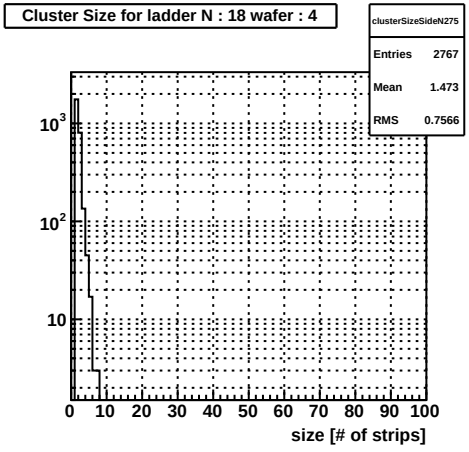

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 3263
Mean 1.495
RMS 0.75
size [# of strips]

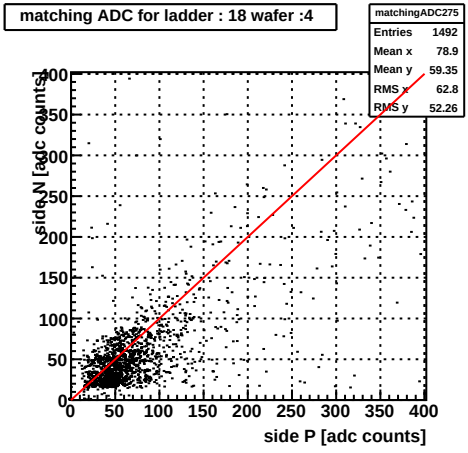

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

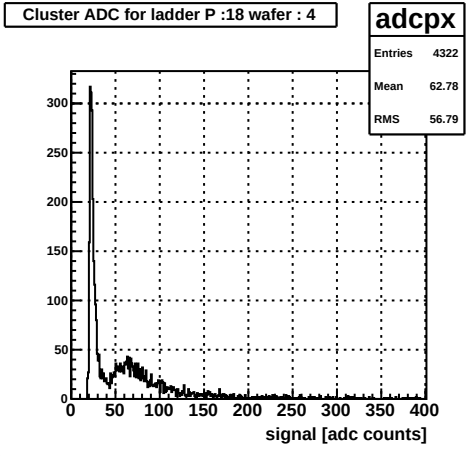

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

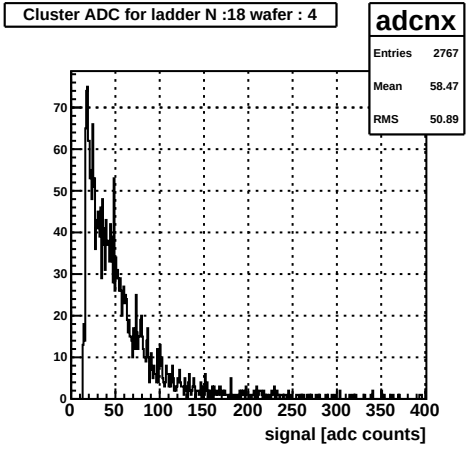

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 3263
Mean 64.54
RMS 54.41
signal [adc counts]

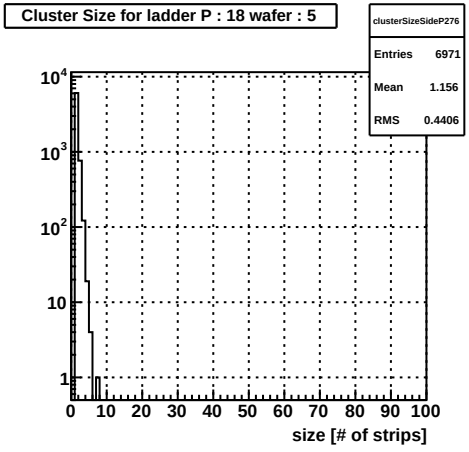

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4322
Mean 1.249
RMS 0.5617
size [# of strips]

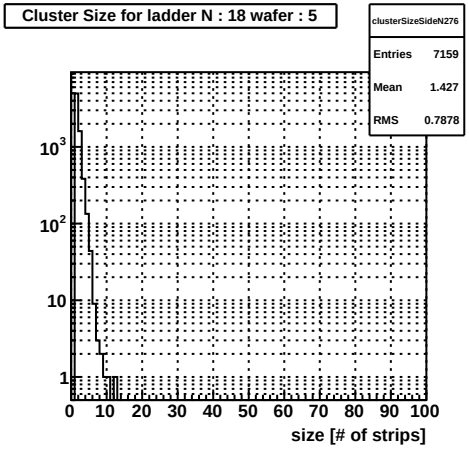

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2767
Mean 1.473
RMS 0.7566
size [# of strips]

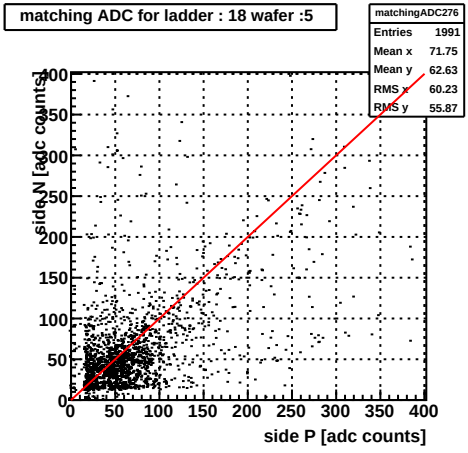

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 1492
Mean x 78.9
Mean y 59.35
RMS x 62.8
RMS y 52.26
side N [adc counts]
side P [adc counts]

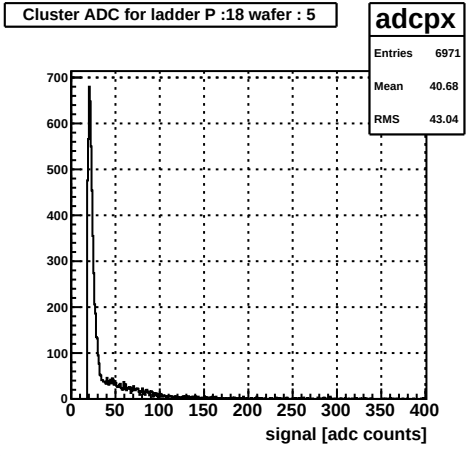

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4322
Mean 62.78
RMS 56.79
signal [adc counts]

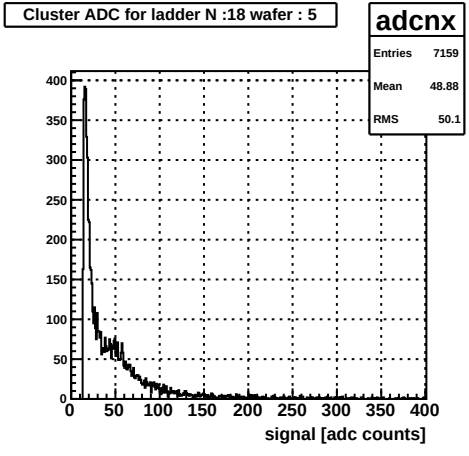

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2767
Mean 58.47
RMS 50.89
signal [adc counts]

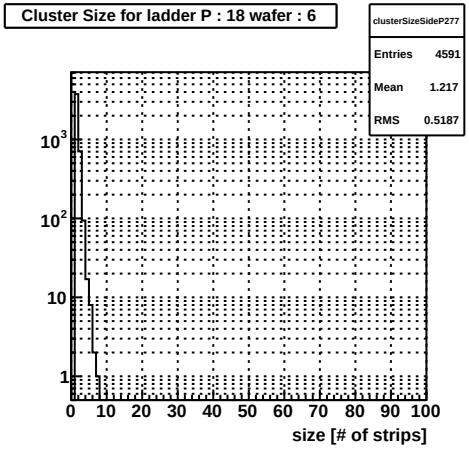

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6971
Mean 1.156
RMS 0.4406
size [# of strips]

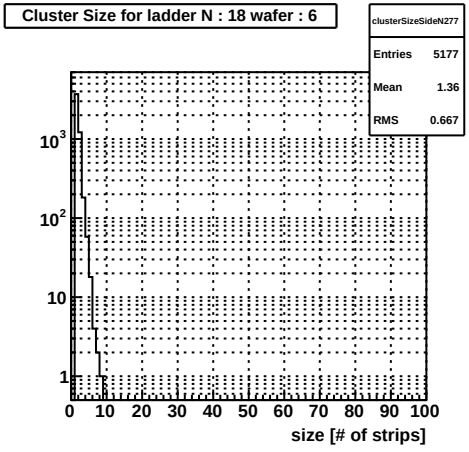

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7159
Mean 1.427
RMS 0.7878
size [# of strips]

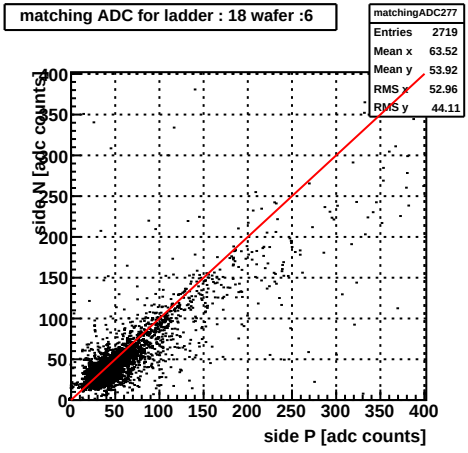

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1991
Mean x 71.75
Mean y 62.63
RMS x 60.23
RMS y 55.87
side N [adc counts]
side P [adc counts]

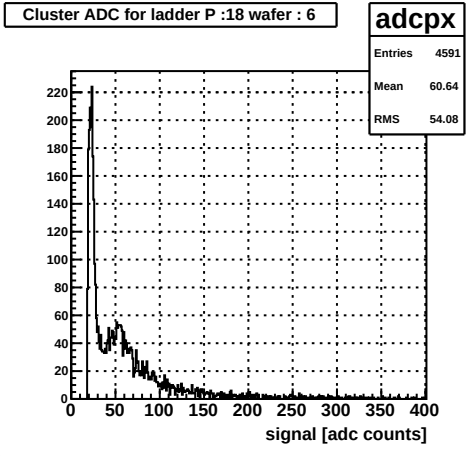

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6971
Mean 40.68
RMS 43.04
signal [adc counts]

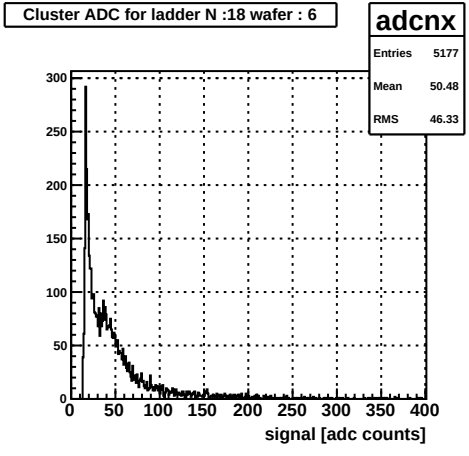

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7159
Mean 48.88
RMS 50.1
signal [adc counts]

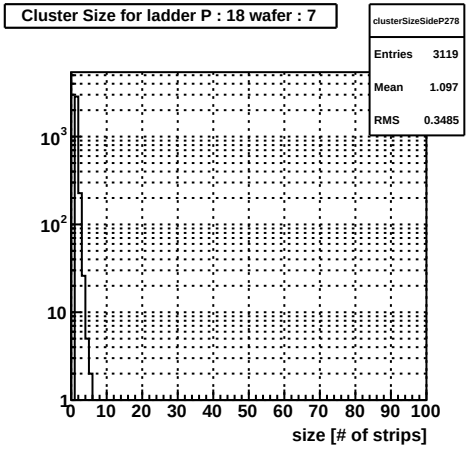

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4591
Mean 1.217
RMS 0.5187
size [# of strips]

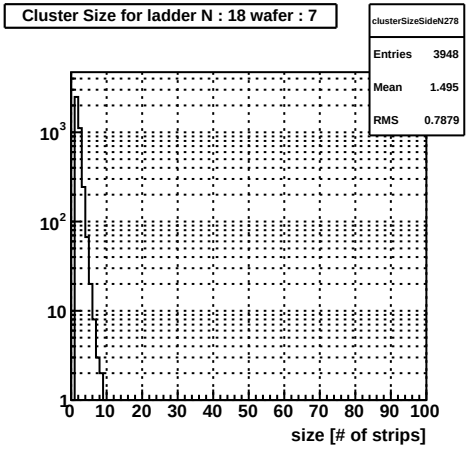

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 5177
Mean 1.36
RMS 0.667
size [# of strips]

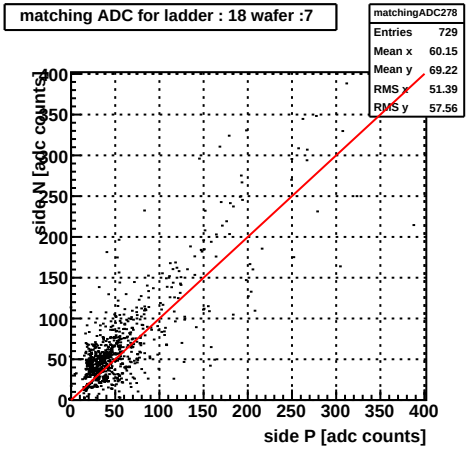

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 2719
Mean x 63.52
Mean y 53.92
RMS x 52.96
RMS y 44.11
side N [adc counts]
side P [adc counts]

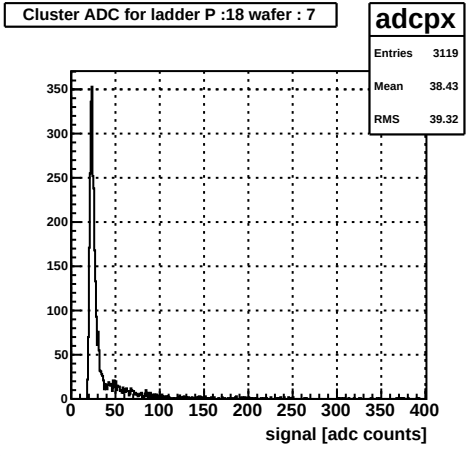

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4591
Mean 60.64
RMS 54.08
signal [adc counts]

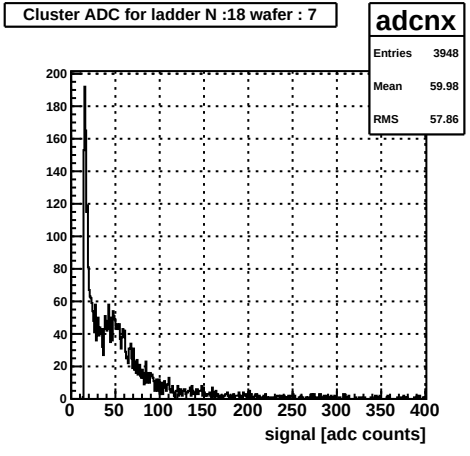

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 5177
Mean 50.48
RMS 46.33
signal [adc counts]

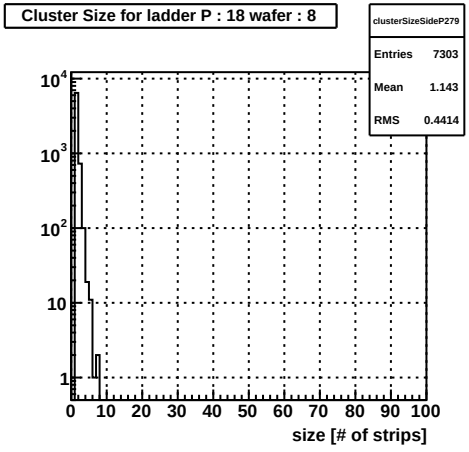

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3119
Mean 1.097
RMS 0.3485
size [# of strips]

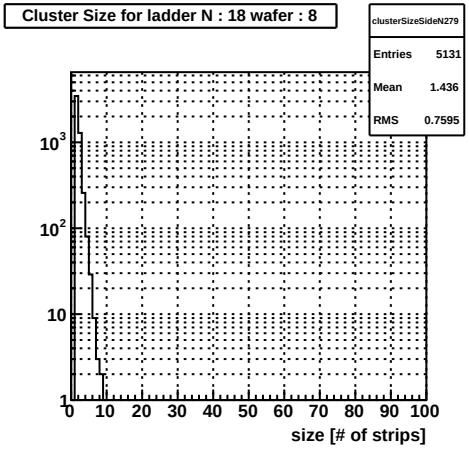

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3948
Mean 1.495
RMS 0.7879
size [# of strips]

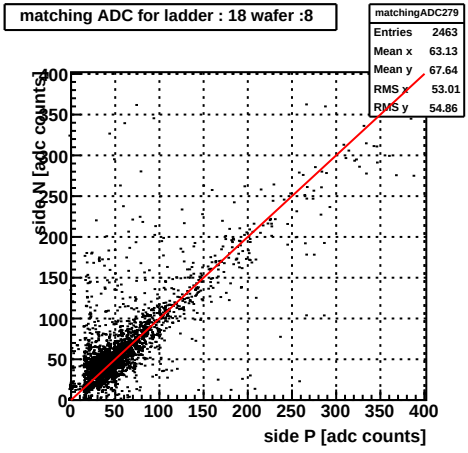

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 729
Mean x 60.15
Mean y 69.22
RMS x 51.39
RMS y 57.56
side N [adc counts]
side P [adc counts]

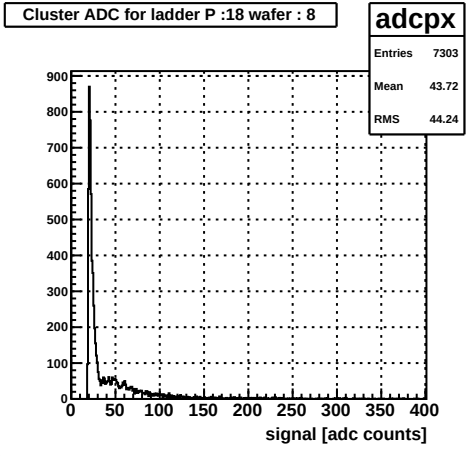

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3119
Mean 38.43
RMS 39.32
signal [adc counts]

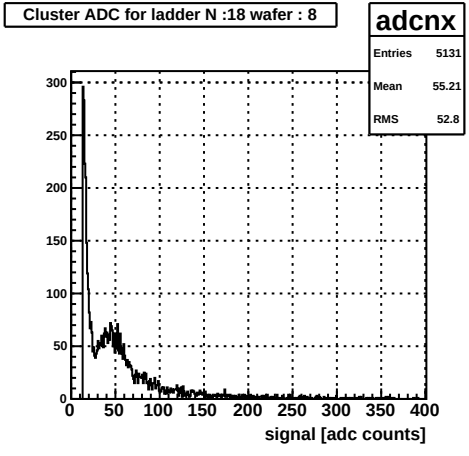

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3948
Mean 59.98
RMS 57.86
signal [adc counts]

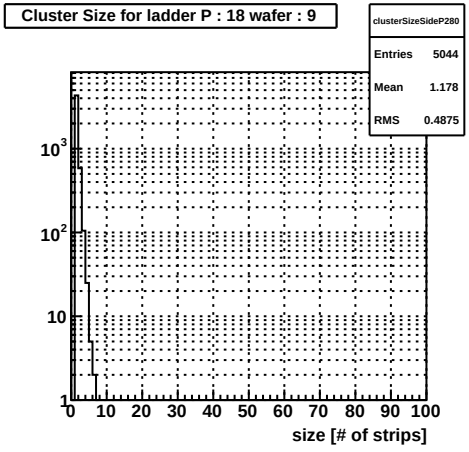

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7303
Mean 1.143
RMS 0.4414
size [# of strips]

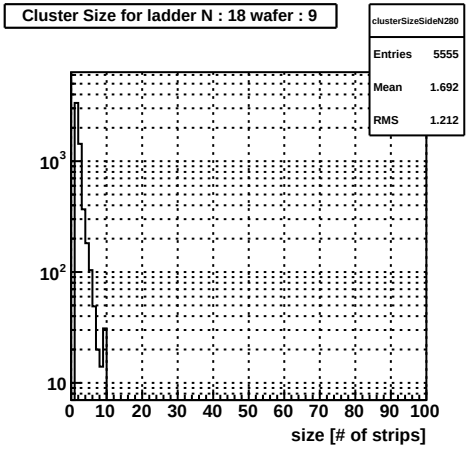

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 5131
Mean 1.436
RMS 0.7595
size [# of strips]

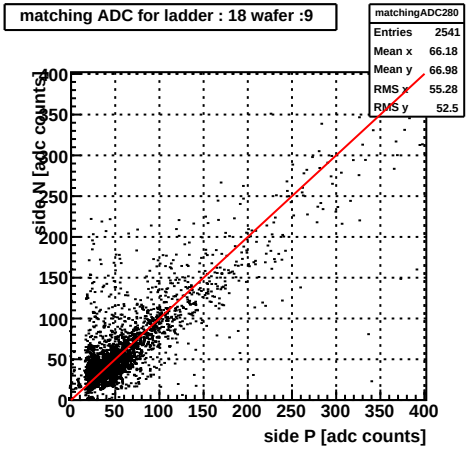

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 2463
Mean x 63.13
Mean y 67.64
RMS x 53.01
RMS y 54.86
side N [adc counts]
side P [adc counts]

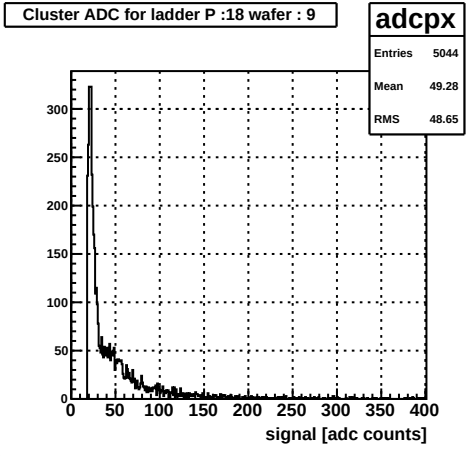

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7303
Mean 43.72
RMS 44.24
signal [adc counts]

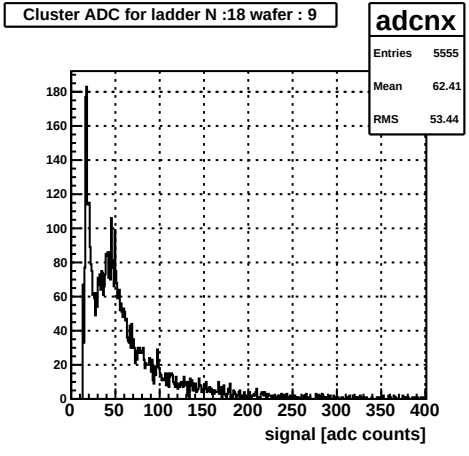

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 5131
Mean 55.21
RMS 52.8
signal [adc counts]

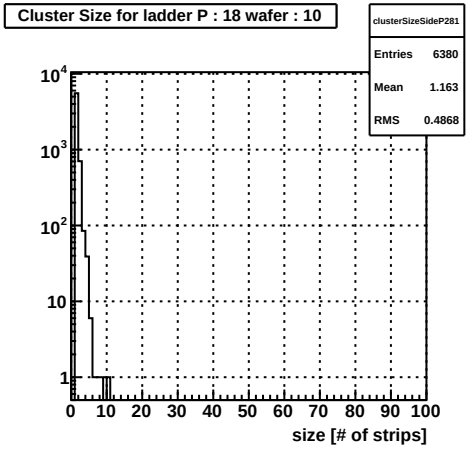

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 5044
Mean 1.178
RMS 0.4875
size [# of strips]

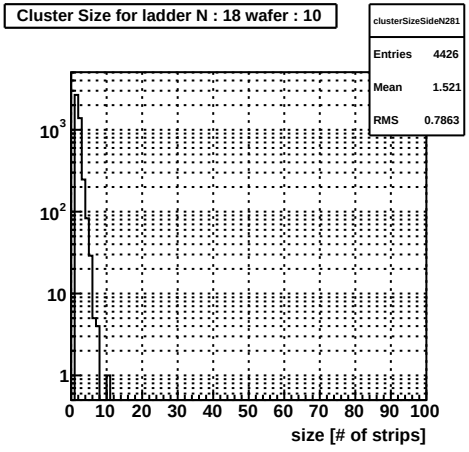

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 5555
Mean 1.692
RMS 1.212
size [# of strips]

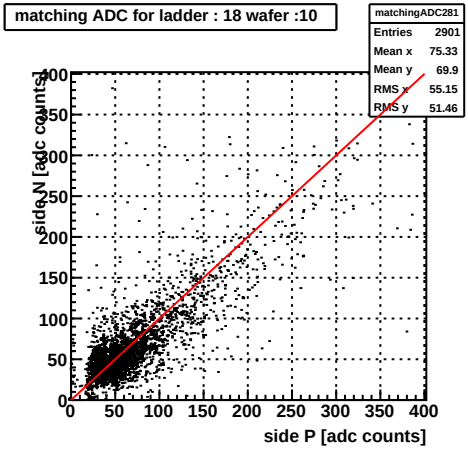

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 2541
Mean x 66.18
Mean y 66.98
RMS x 55.28
RMS y 52.5
side N [adc counts]
side P [adc counts]

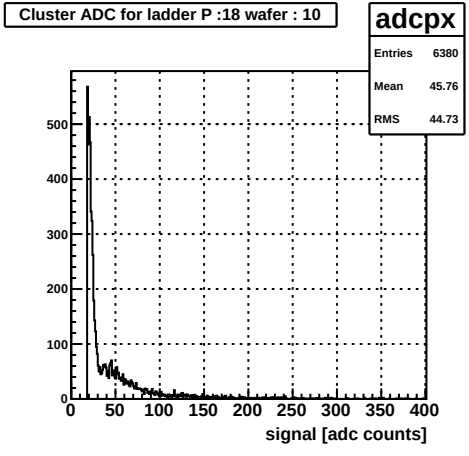

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 5044
Mean 49.28
RMS 48.65
signal [adc counts]

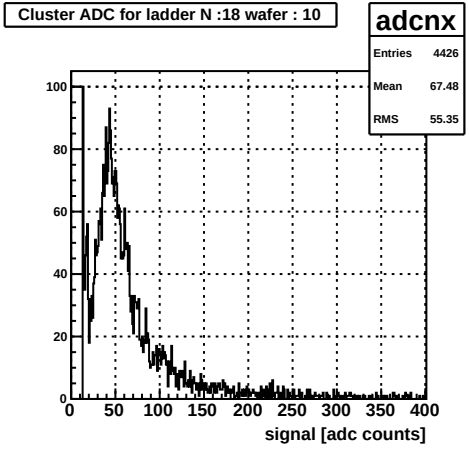

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 5555
Mean 62.41
RMS 53.44
signal [adc counts]

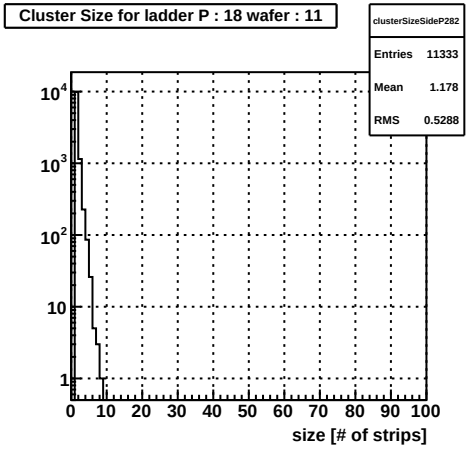

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6380
Mean 1.163
RMS 0.4868
size [# of strips]

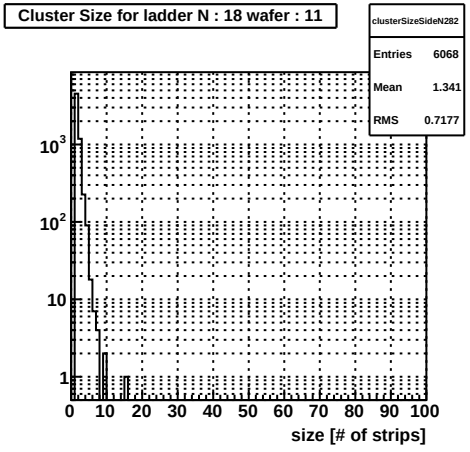

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 4426
Mean 1.521
RMS 0.7863
size [# of strips]

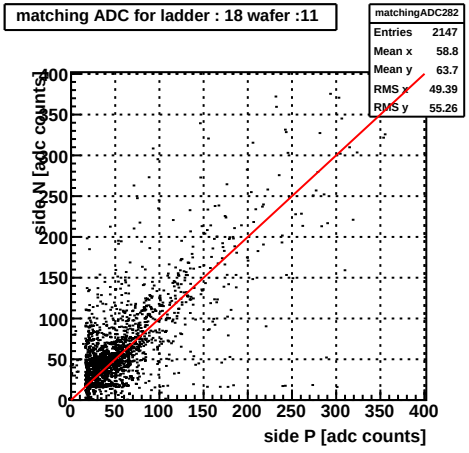

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 2901
Mean x 75.33
Mean y 69.9
RMS x 55.15
RMS y 51.46
side N [adc counts]
side P [adc counts]

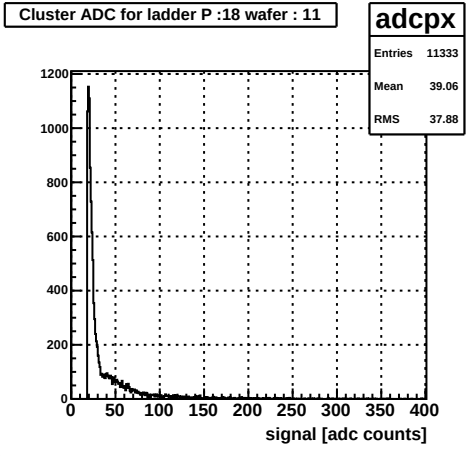

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6380
Mean 45.76
RMS 44.73
signal [adc counts]

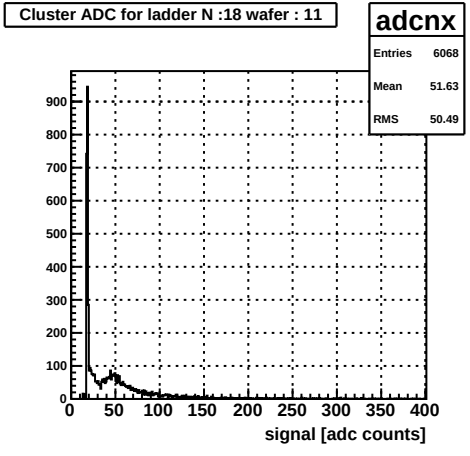

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 4426
Mean 67.48
RMS 55.35
signal [adc counts]

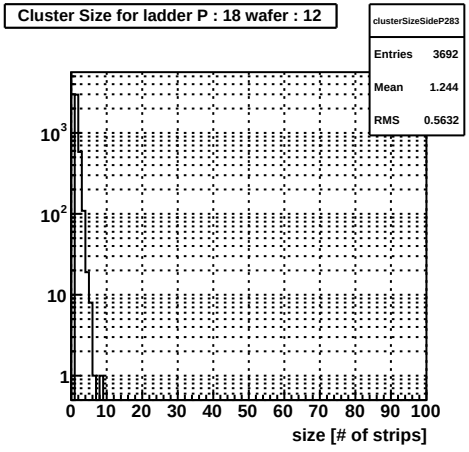

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 11333
Mean 1.178
RMS 0.5288
size [# of strips]

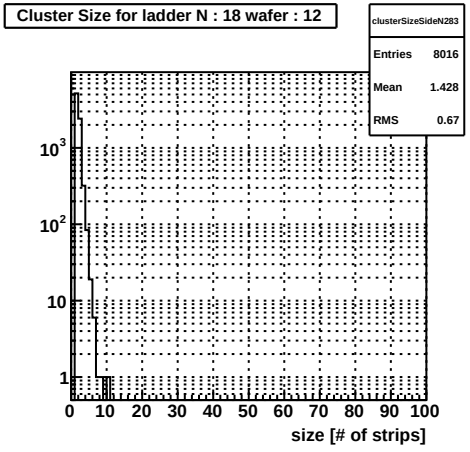

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6068
Mean 1.341
RMS 0.7177
size [# of strips]

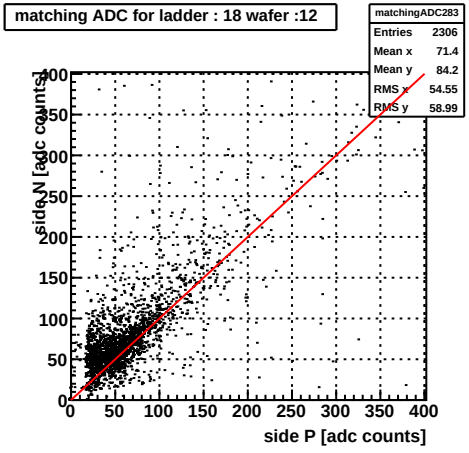

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 2147
Mean x 58.8
Mean y 63.7
RMS x 49.39
RMS y 55.26
side N [adc counts]
side P [adc counts]

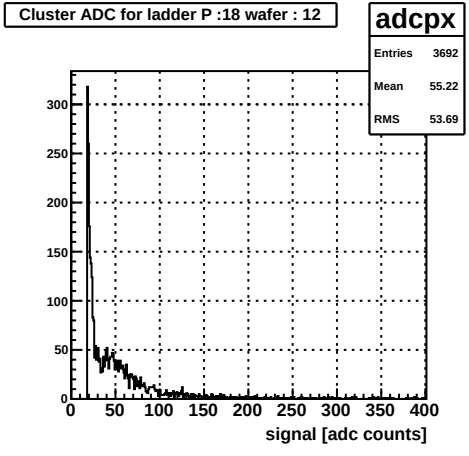

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 11333
Mean 39.06
RMS 37.88
signal [adc counts]

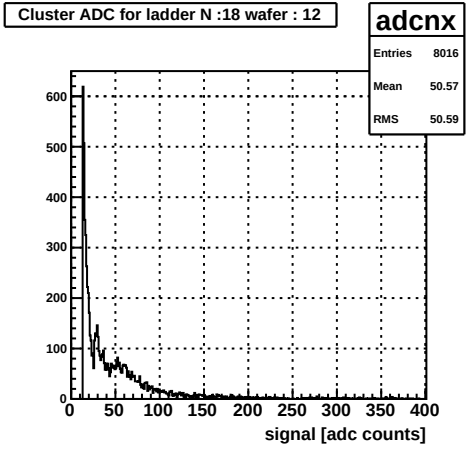

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6068
Mean 51.63
RMS 50.49
signal [adc counts]

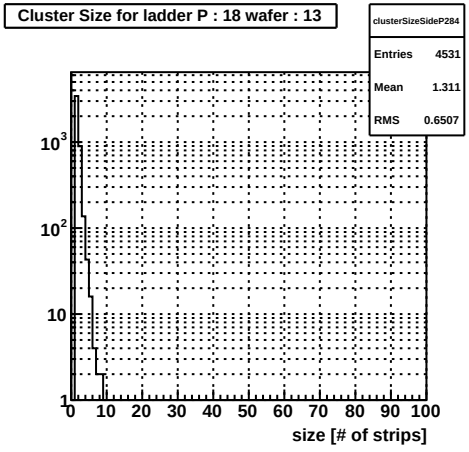

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 3692
Mean 1.244
RMS 0.5632
size [# of strips]

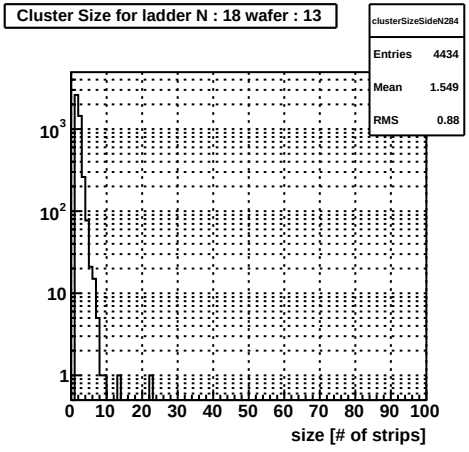

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8016
Mean 1.428
RMS 0.67
size [# of strips]

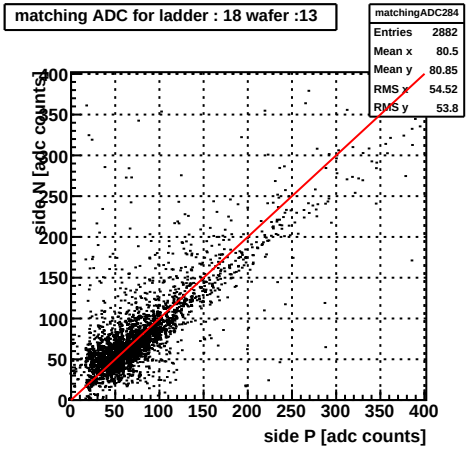

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 2306
Mean x 71.4
Mean y 84.2
RMS x 54.55
RMS y 58.99
side N [adc counts]
side P [adc counts]

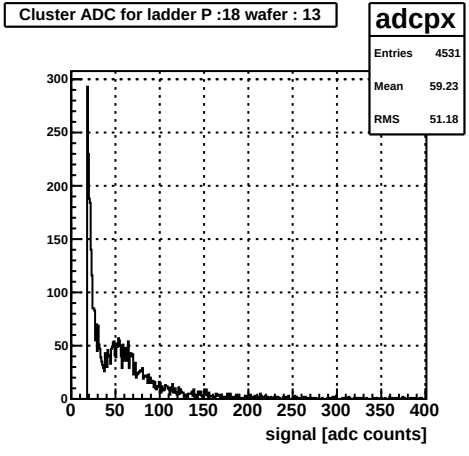

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 3692
Mean 55.22
RMS 53.69
signal [adc counts]

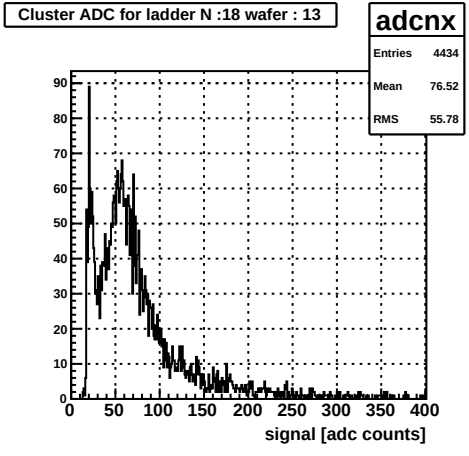

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8016
Mean 50.57
RMS 50.59
signal [adc counts]

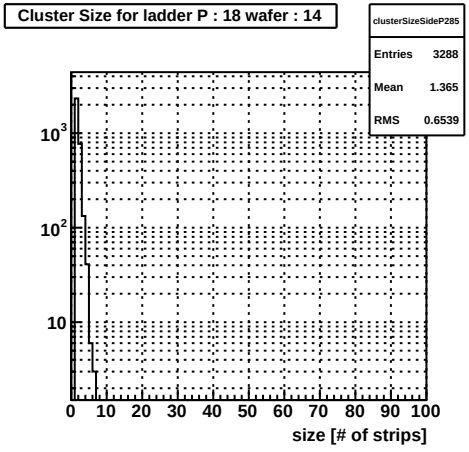

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4531
Mean 1.311
RMS 0.6507
size [# of strips]

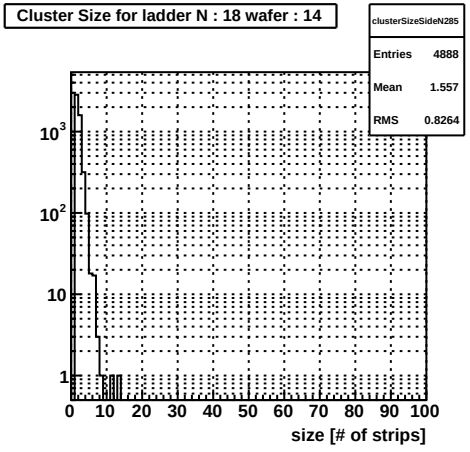

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 4434
Mean 1.549
RMS 0.88
size [# of strips]

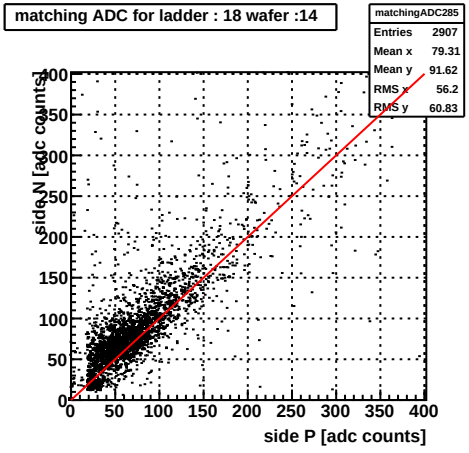

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 2882
Mean x 80.5
Mean y 80.85
RMS x 54.52
RMS y 53.8
side N [adc counts]
side P [adc counts]

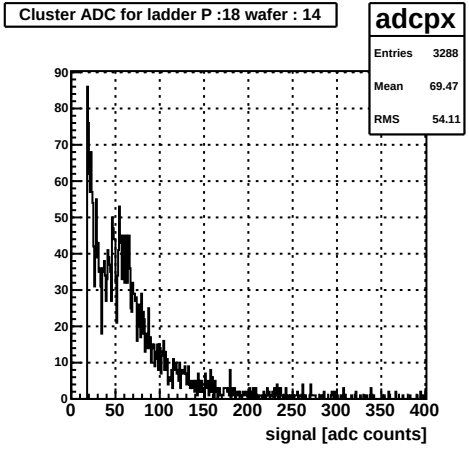

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4531
Mean 59.23
RMS 51.18
signal [adc counts]

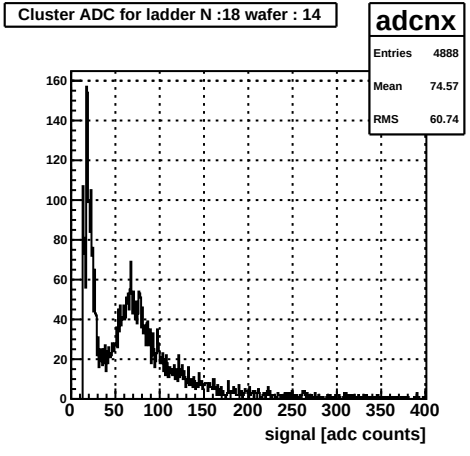

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 4434
Mean 76.52
RMS 55.78
signal [adc counts]

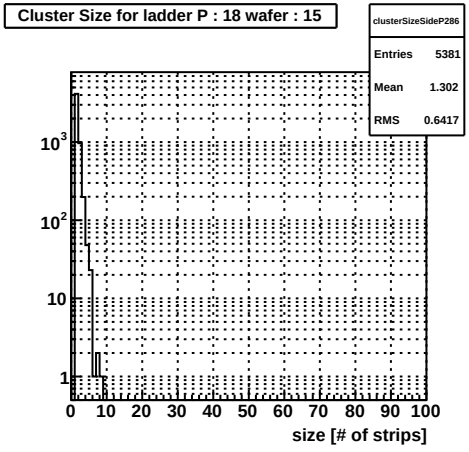

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 3288
Mean 1.365
RMS 0.6539
size [# of strips]

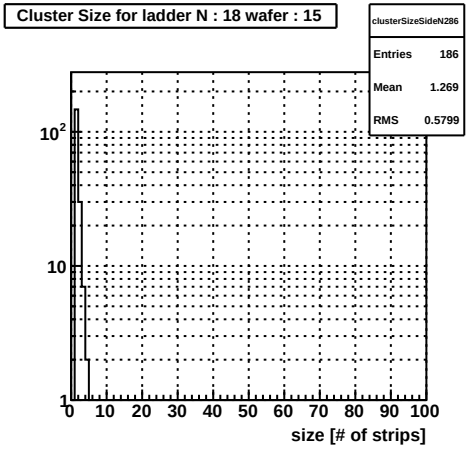

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 4888
Mean 1.557
RMS 0.8264
size [# of strips]

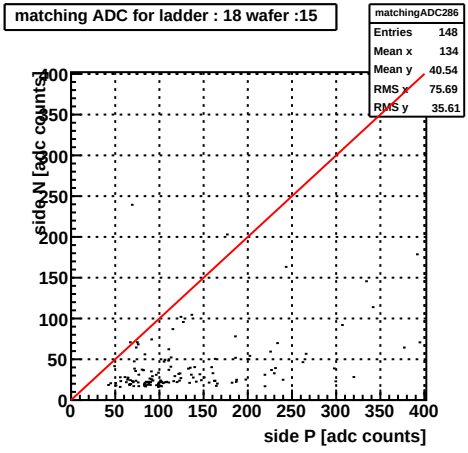

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 2907
Mean x 79.31
Mean y 91.62
RMS x 56.2
RMS y 60.83
side N [adc counts]
side P [adc counts]

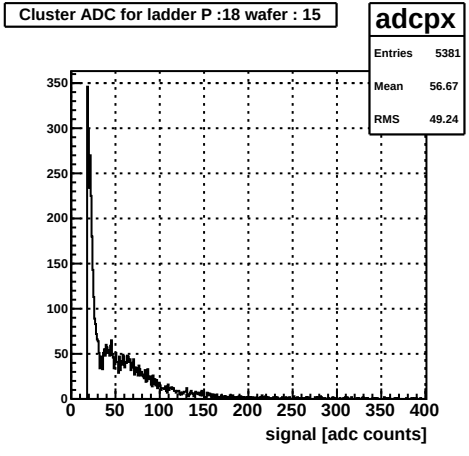

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 3288
Mean 69.47
RMS 54.11
signal [adc counts]

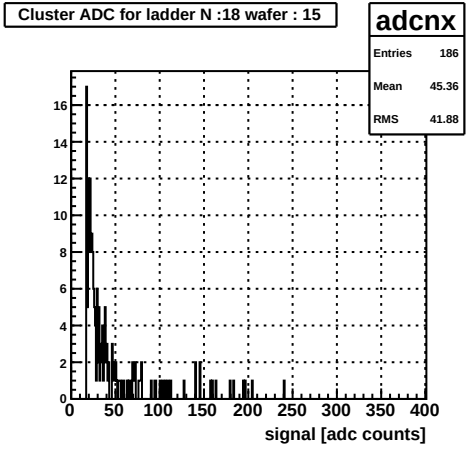

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 4888
Mean 74.57
RMS 60.74
signal [adc counts]

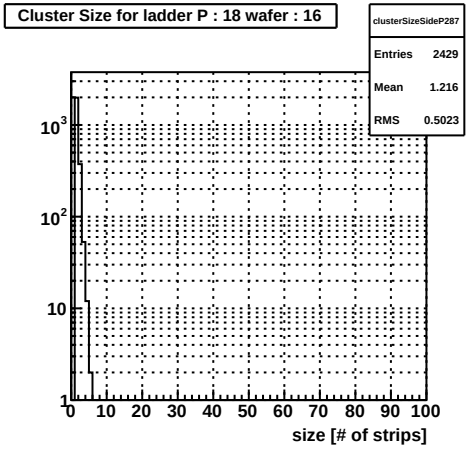

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 5381
Mean 1.302
RMS 0.6417
size [# of strips]

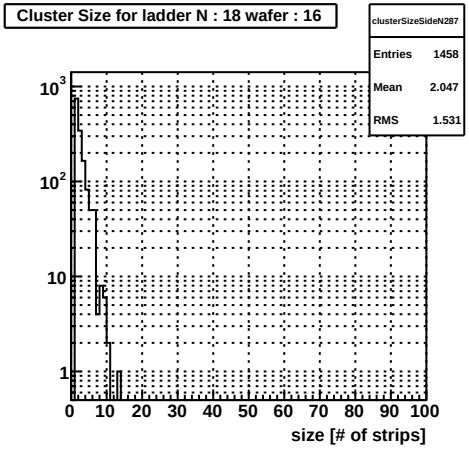

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 186
Mean 1.269
RMS 0.5799
size [# of strips]

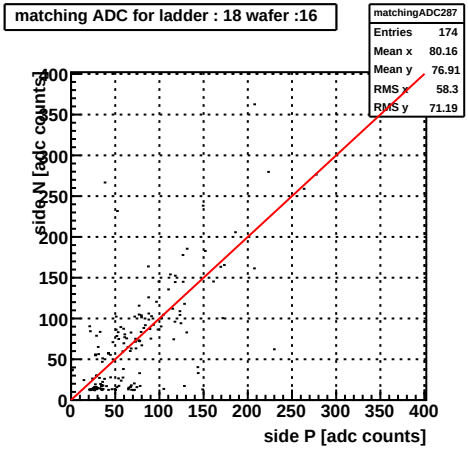

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 148
Mean x 134
Mean y 40.54
RMS x 75.69
RMS y 35.61
side N [adc counts]
side P [adc counts]

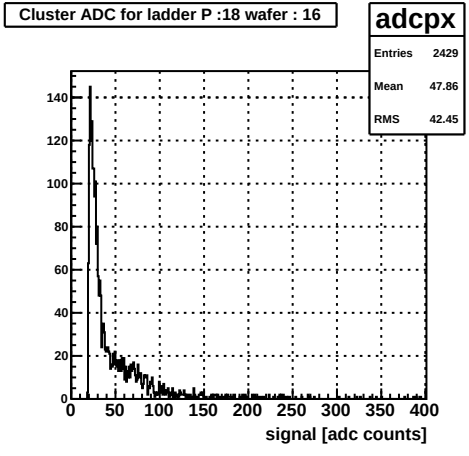

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 5381
Mean 56.67
RMS 49.24
signal [adc counts]

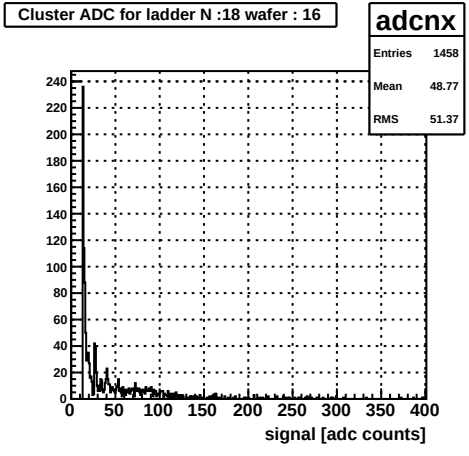

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 186
Mean 45.36
RMS 41.88
signal [adc counts]

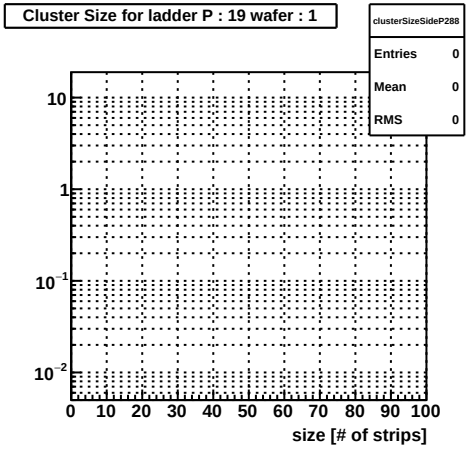

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2429
Mean 1.216
RMS 0.5023
size [# of strips]

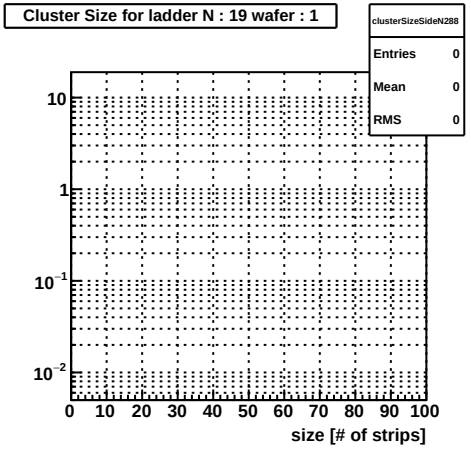

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1458
Mean 2.047
RMS 1.531
size [# of strips]

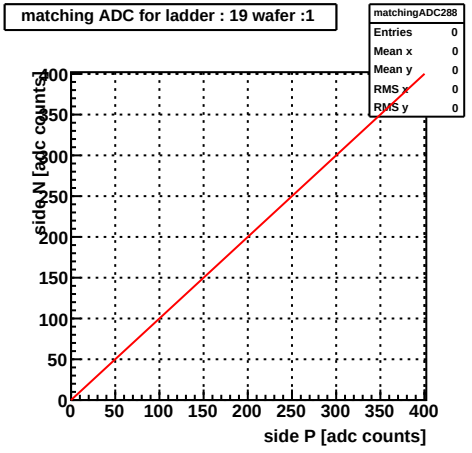

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 174
Mean x 80.16
Mean y 76.91
RMS x 58.3
RMS y 71.19
side N [adc counts]
side P [adc counts]

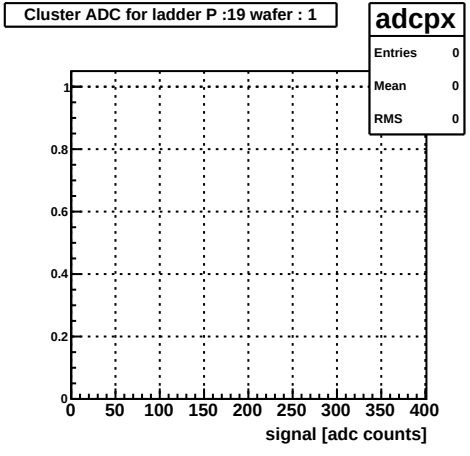

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2429
Mean 47.86
RMS 42.45
signal [adc counts]

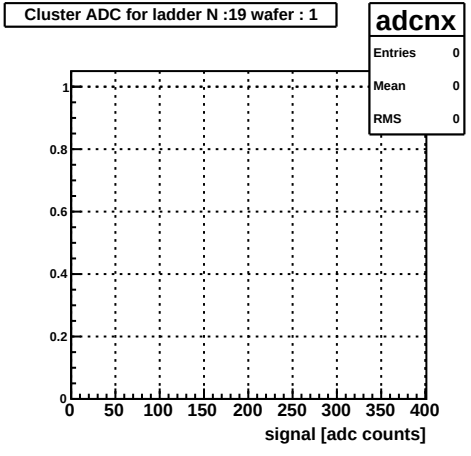

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1458
Mean 48.77
RMS 51.37
signal [adc counts]

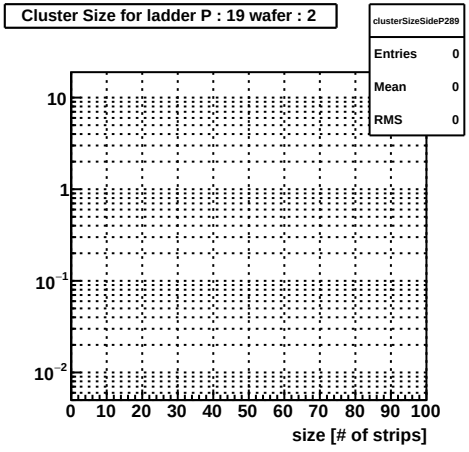

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

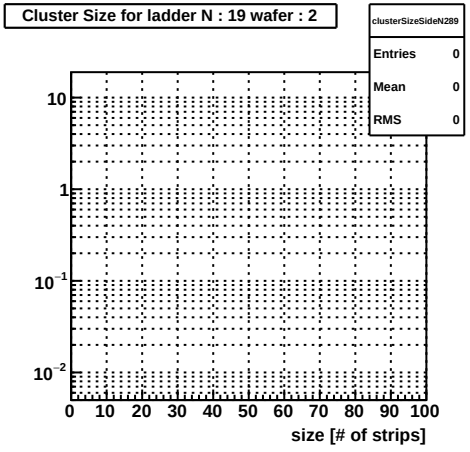

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

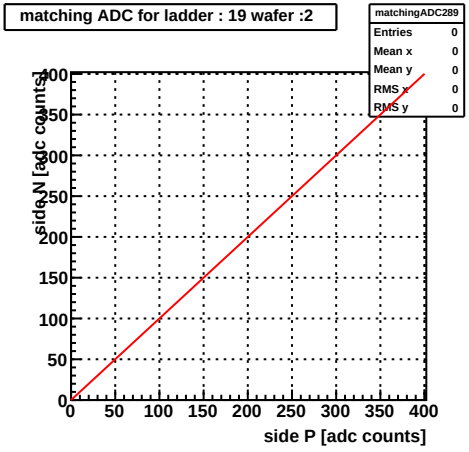

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

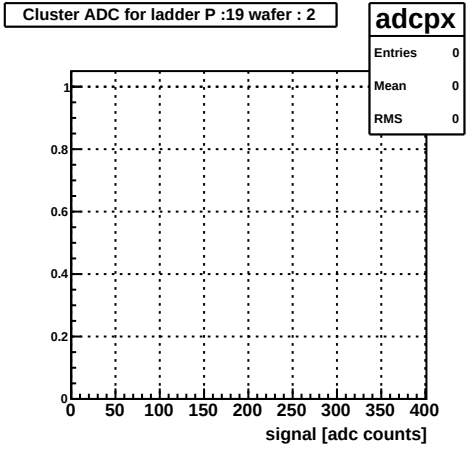

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

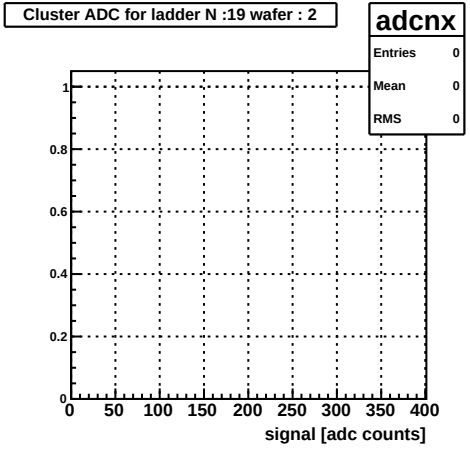

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

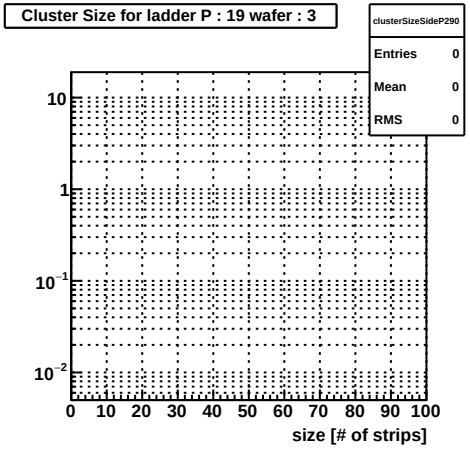

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

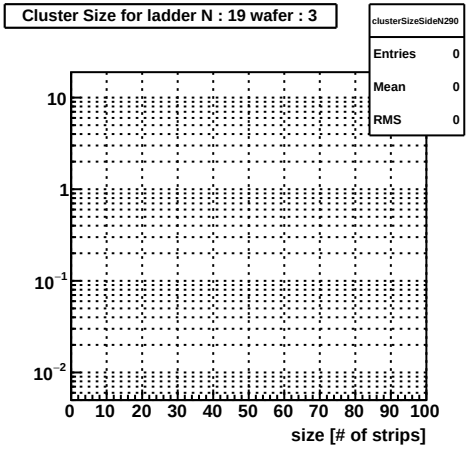

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

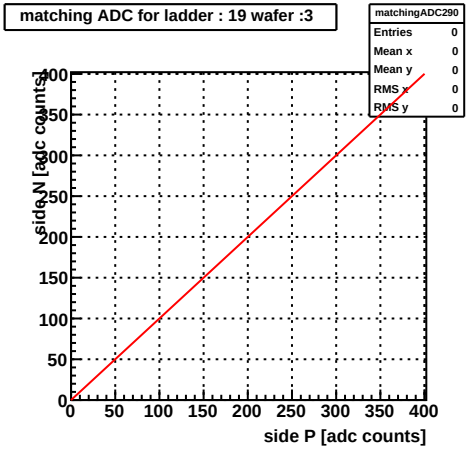

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

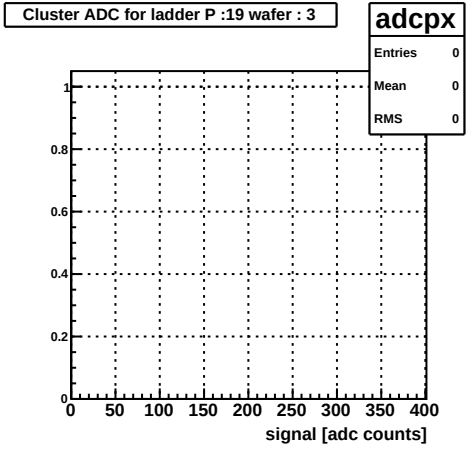

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

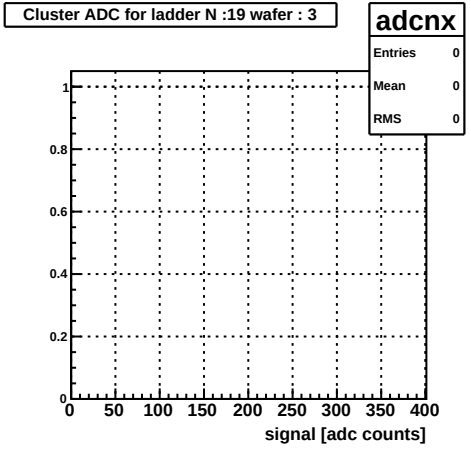

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

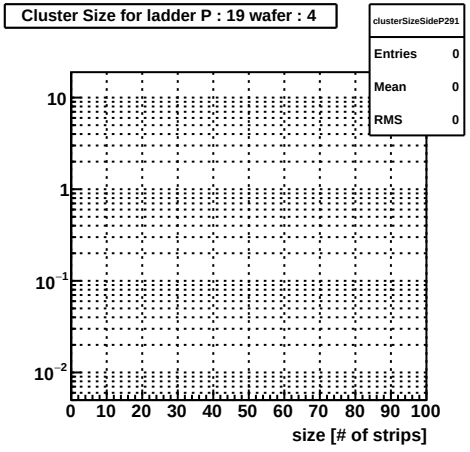

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

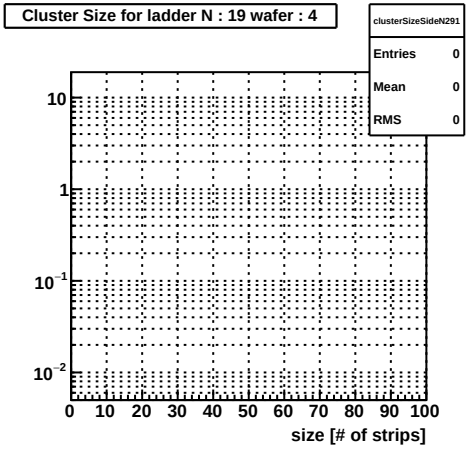

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

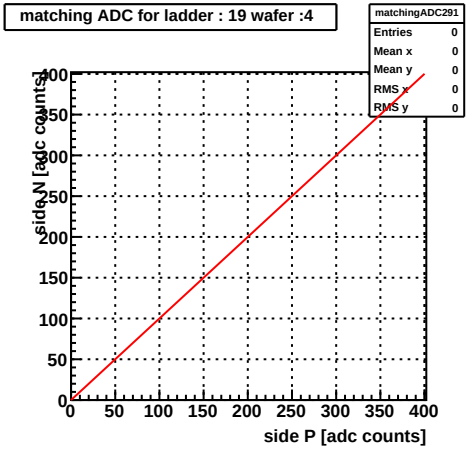

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

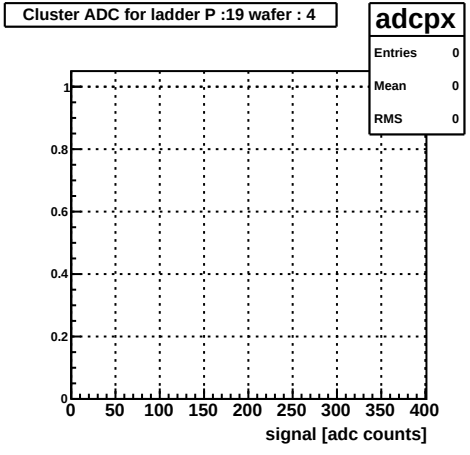

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

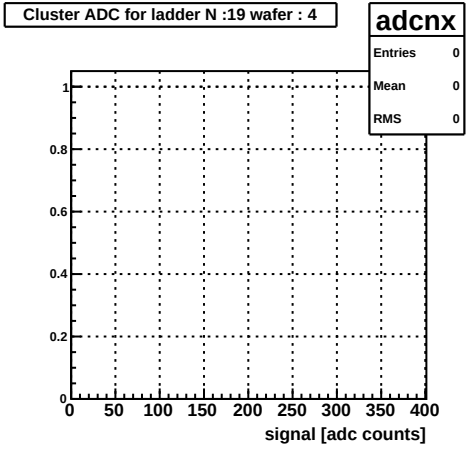

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

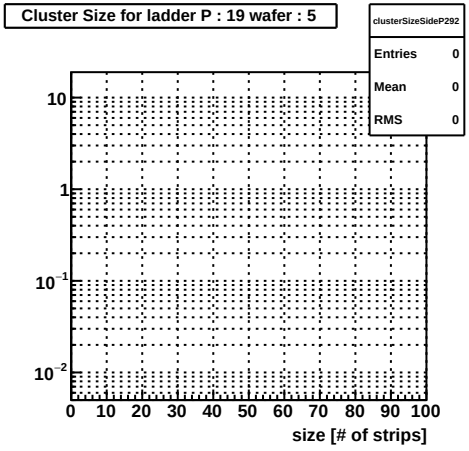

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

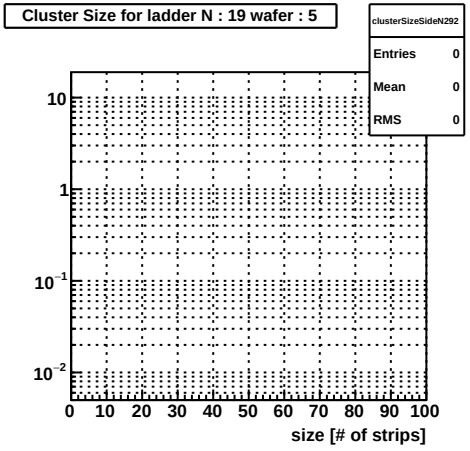

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

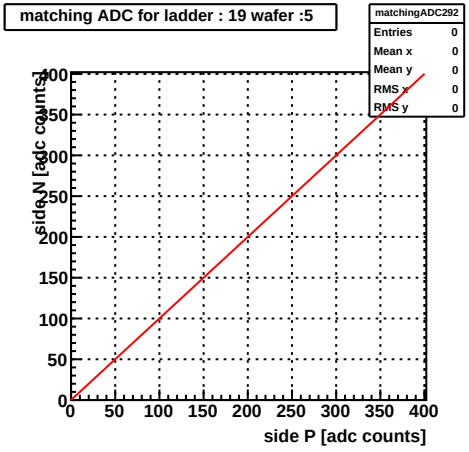

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

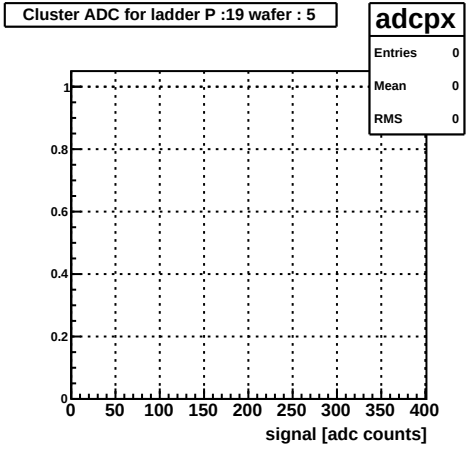

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

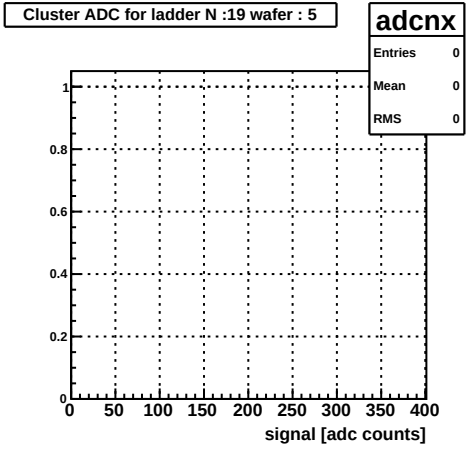

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

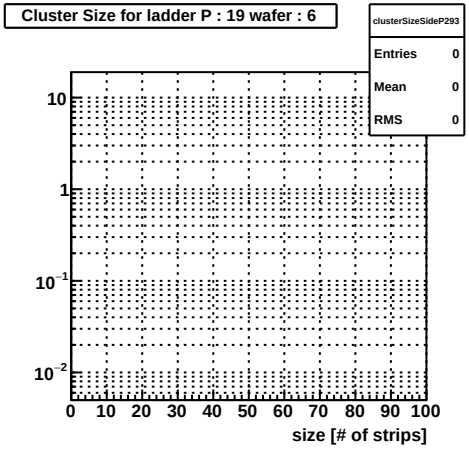

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

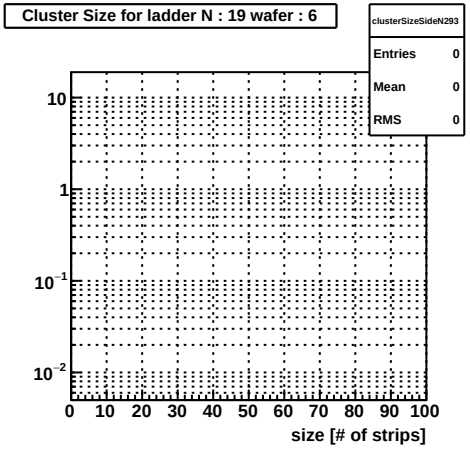

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

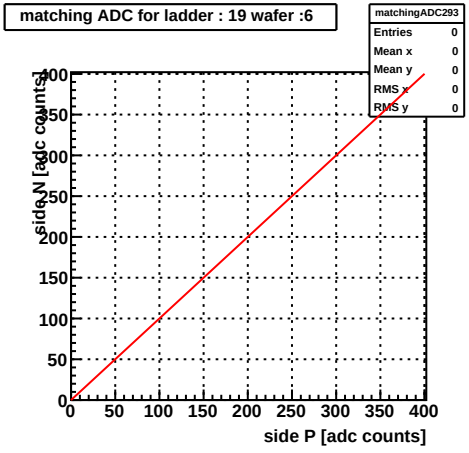

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

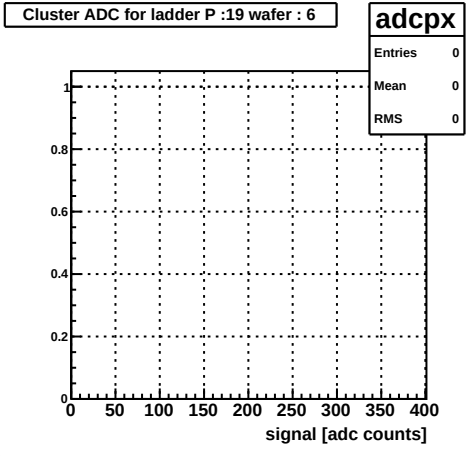

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

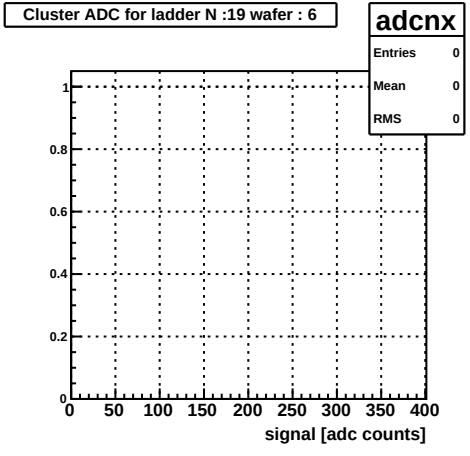

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

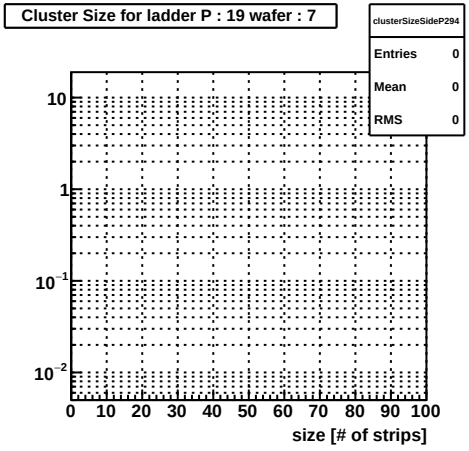

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

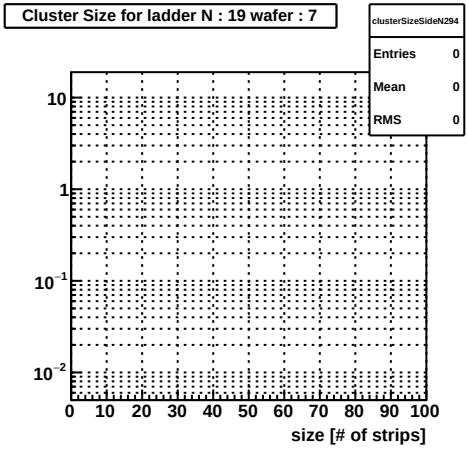

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

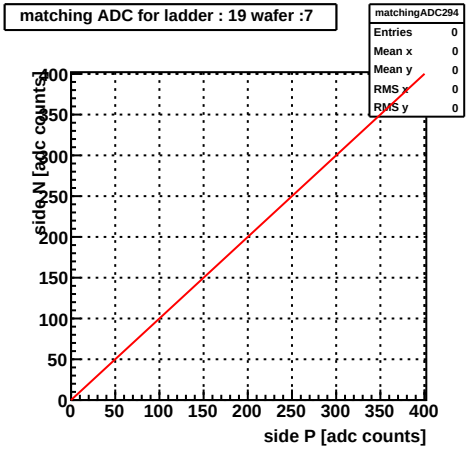

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

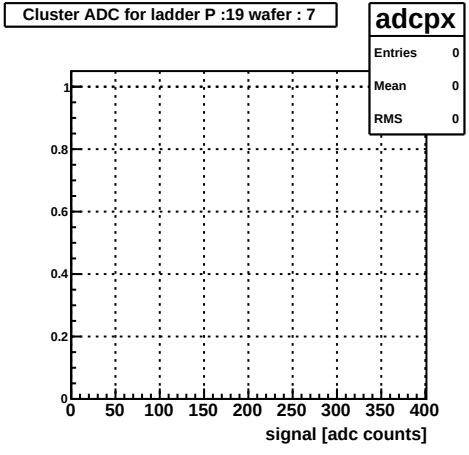

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

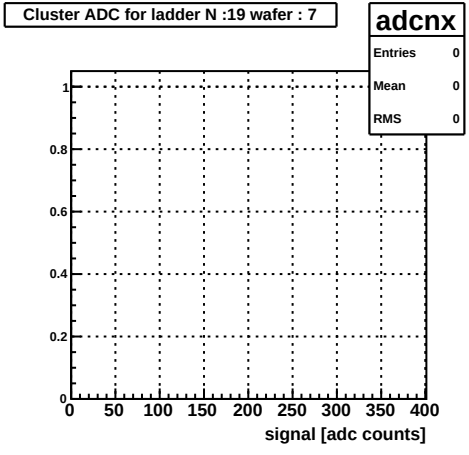

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

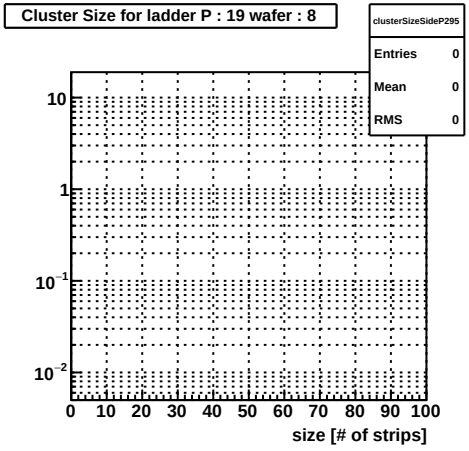

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

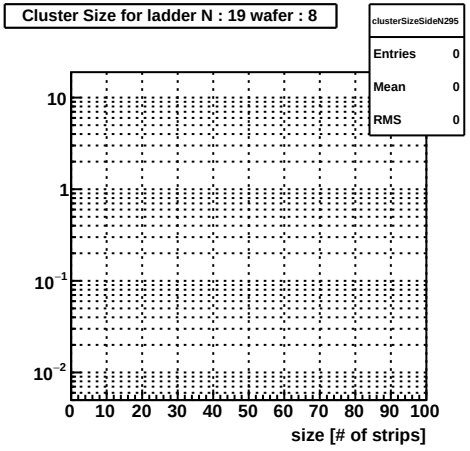

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

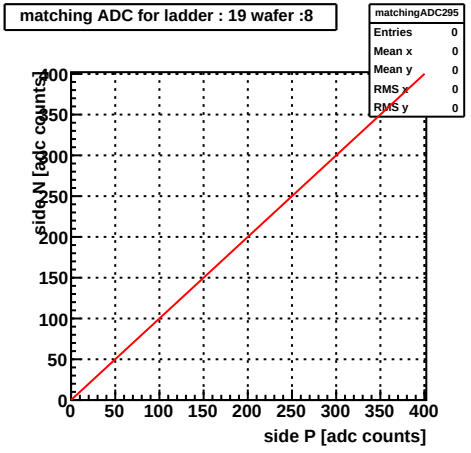

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

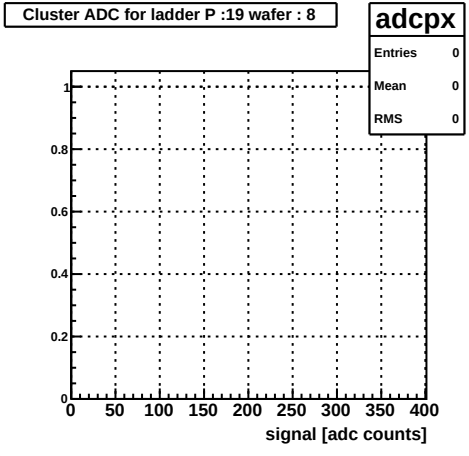

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

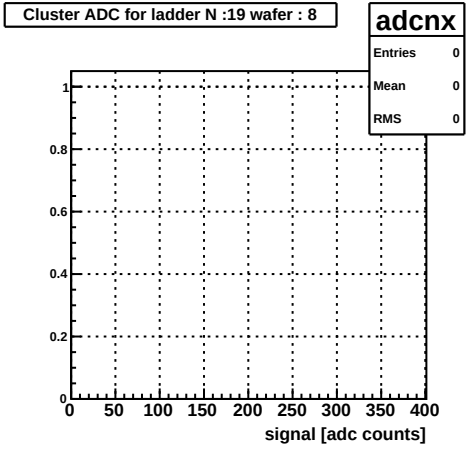

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

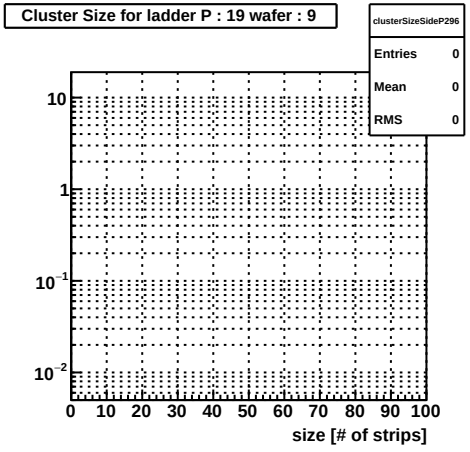

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

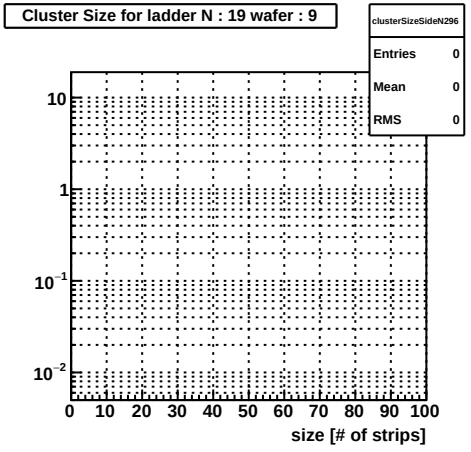

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

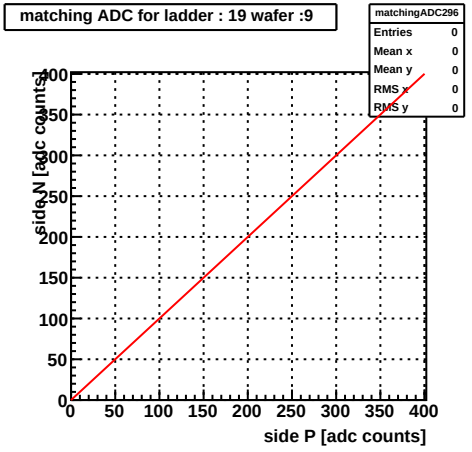

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

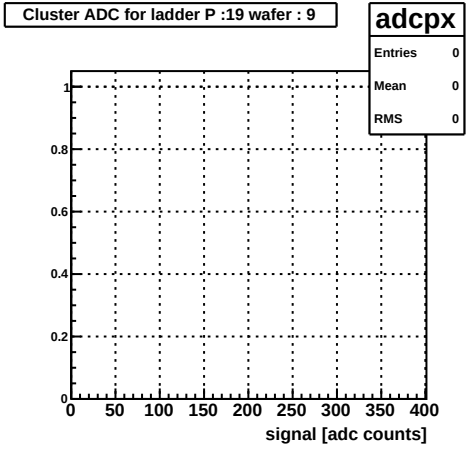

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

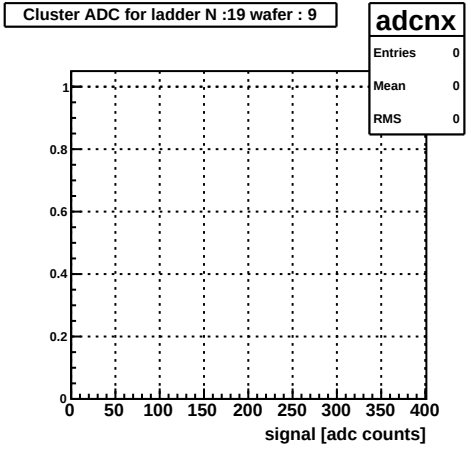

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

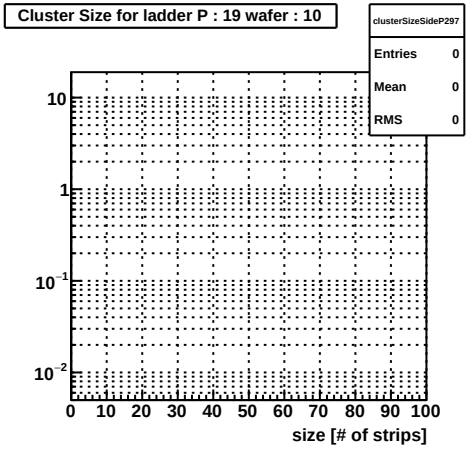

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

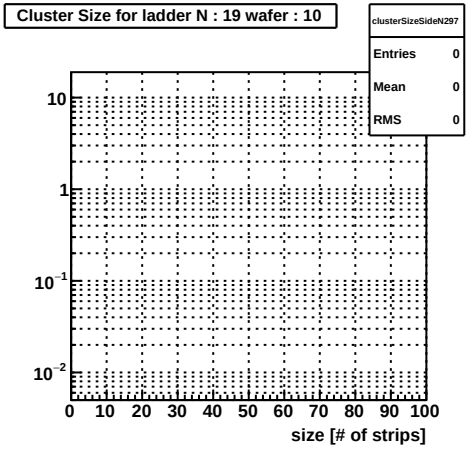

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

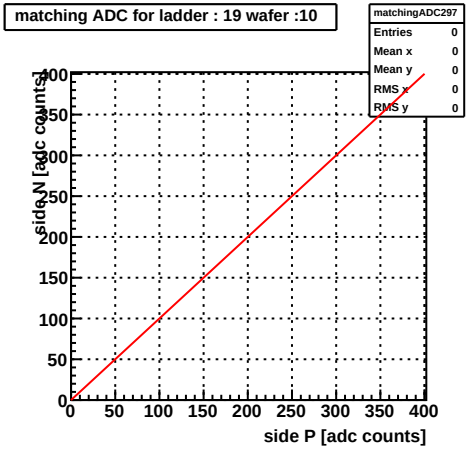

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

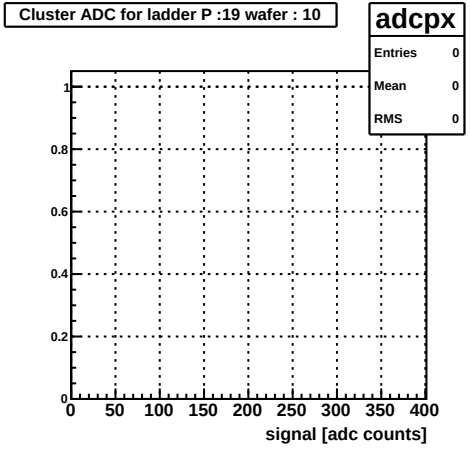

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

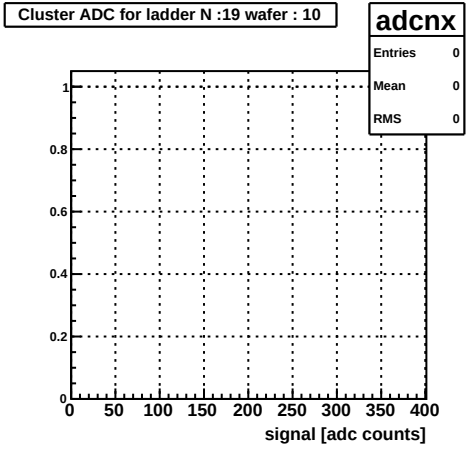

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

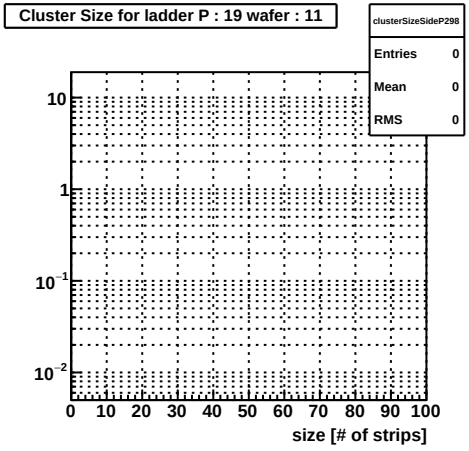

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

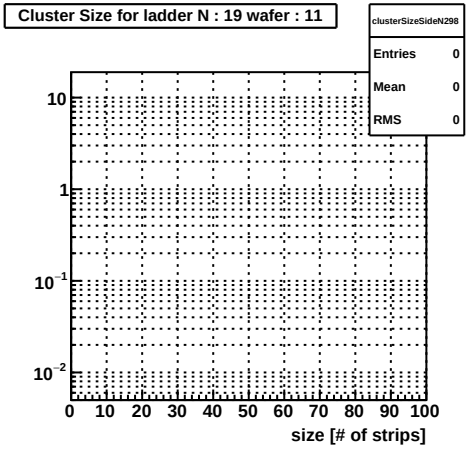

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

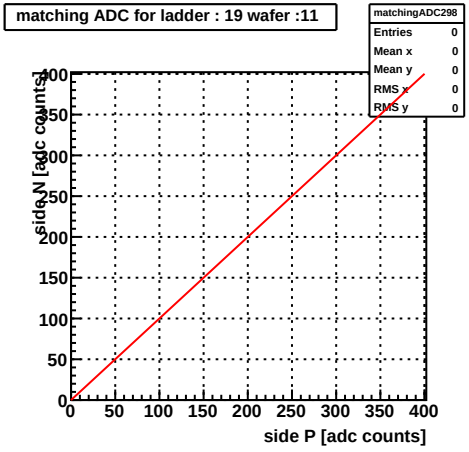

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

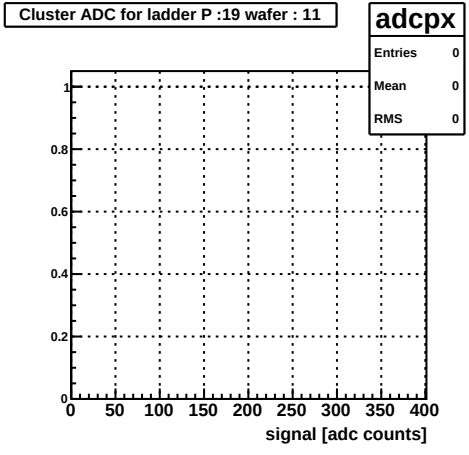

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

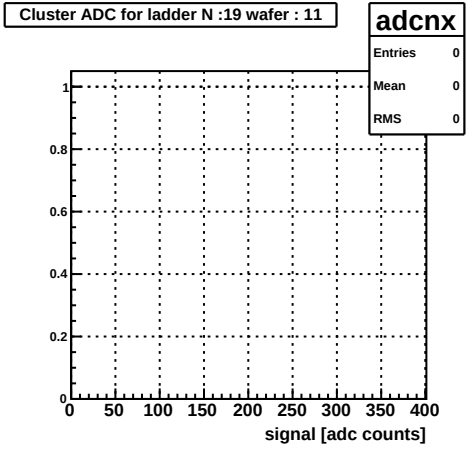

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

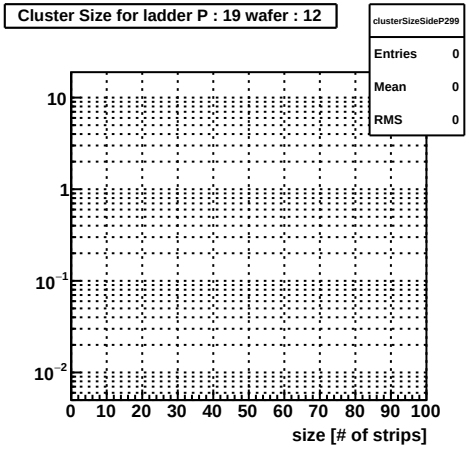

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

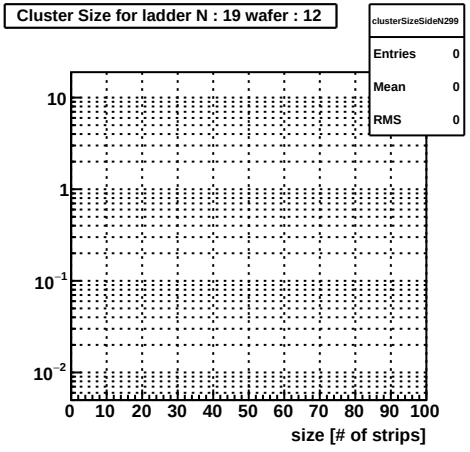

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

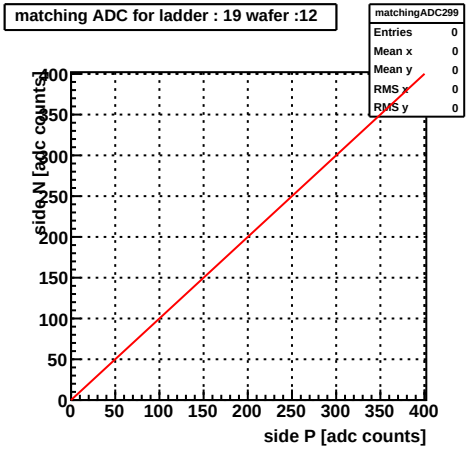

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

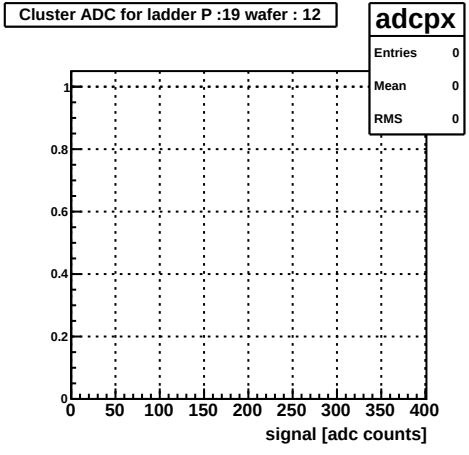

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

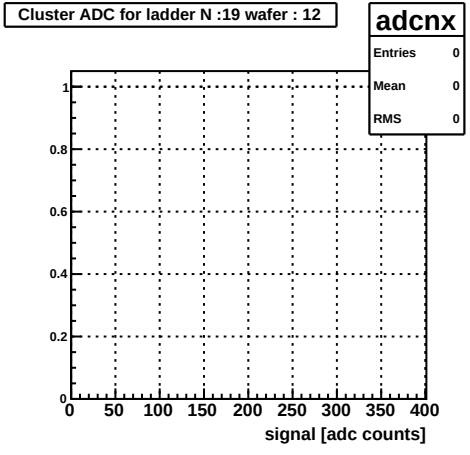

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

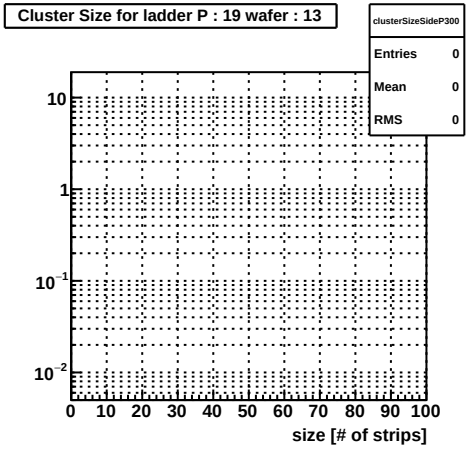

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

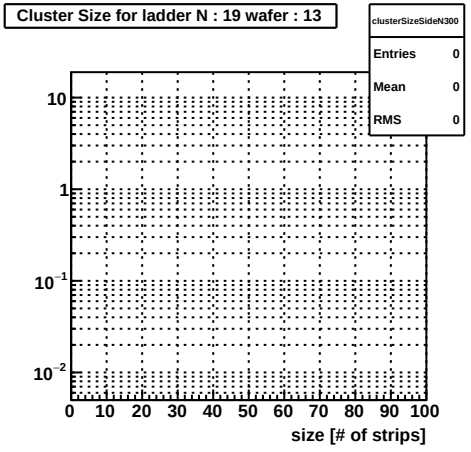

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

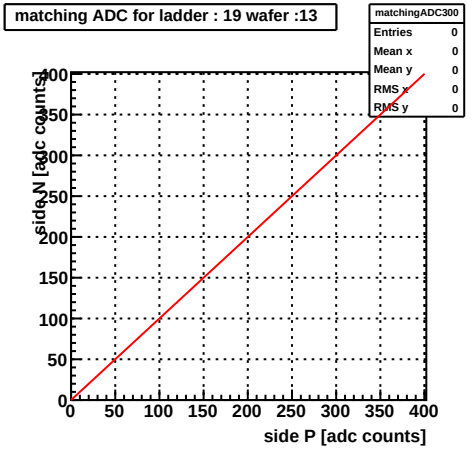

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

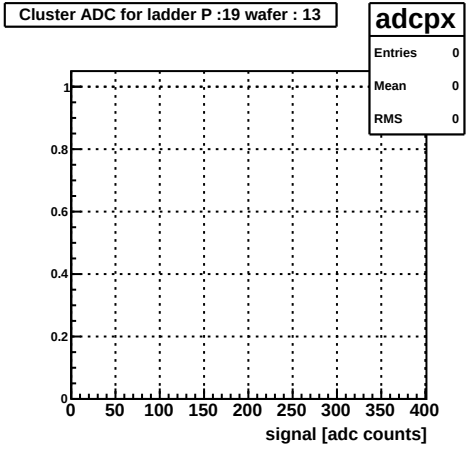

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

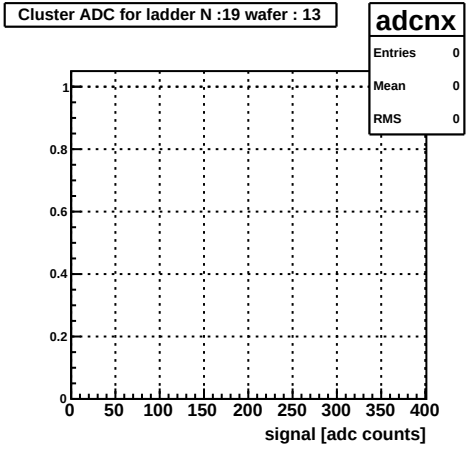

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

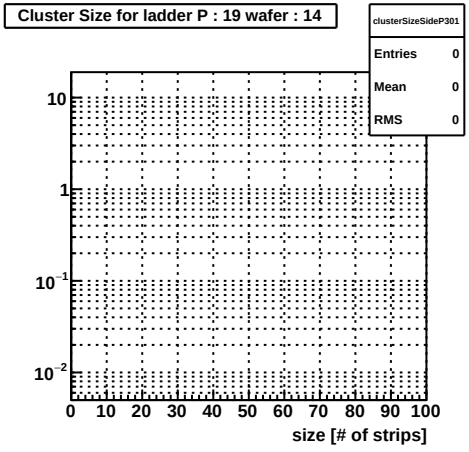

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

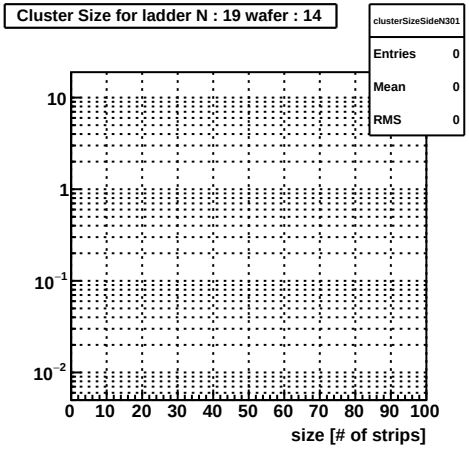

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

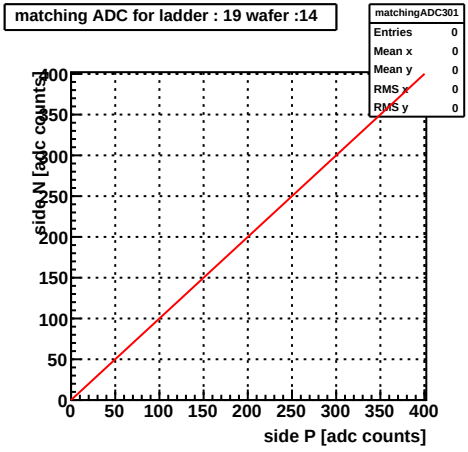

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

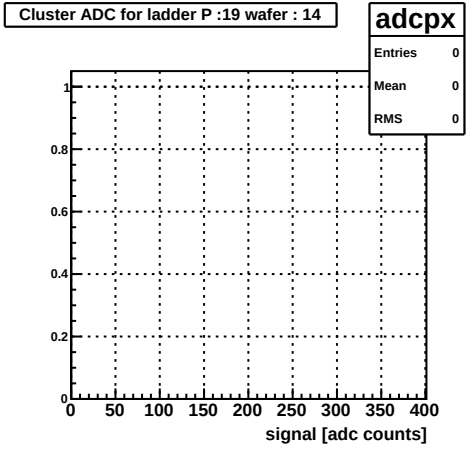

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

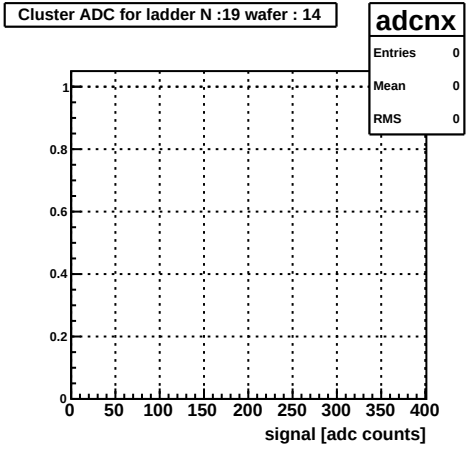

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

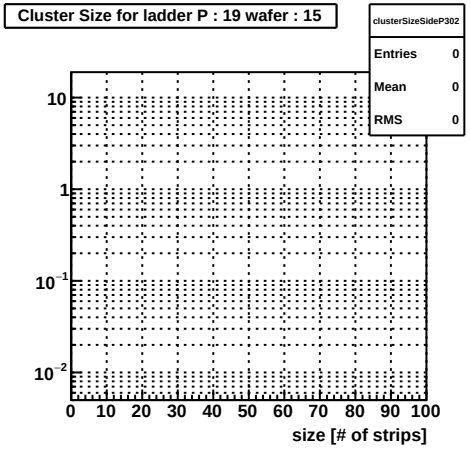

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

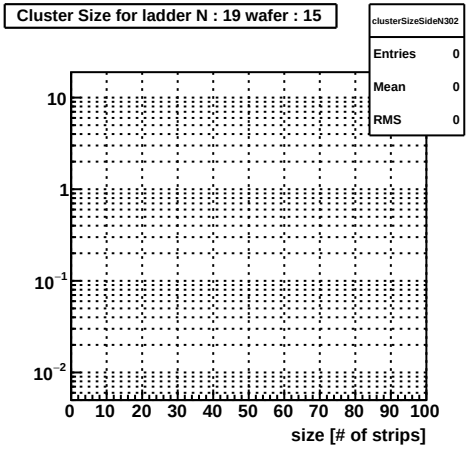

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

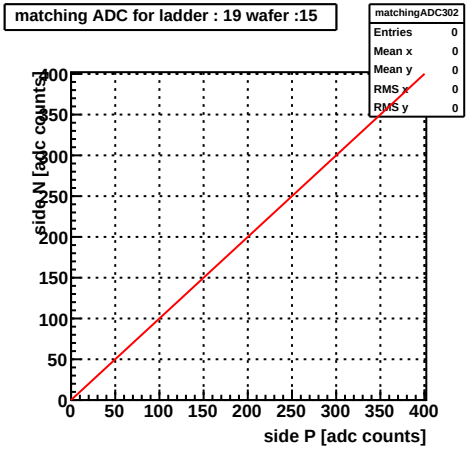

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

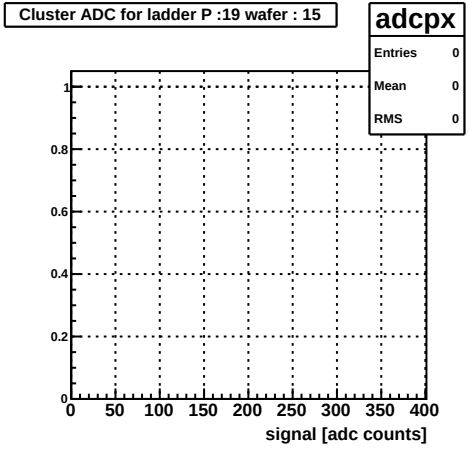

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

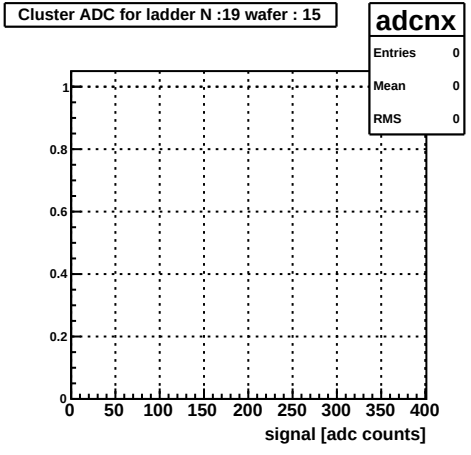

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

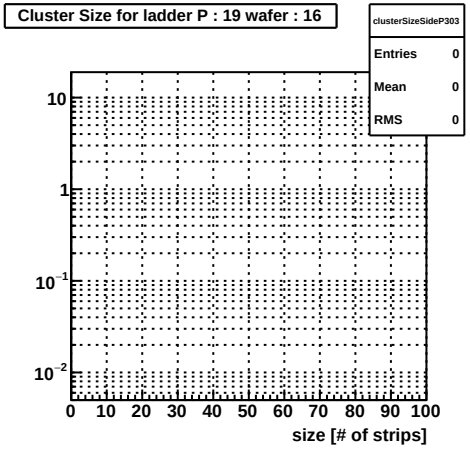

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

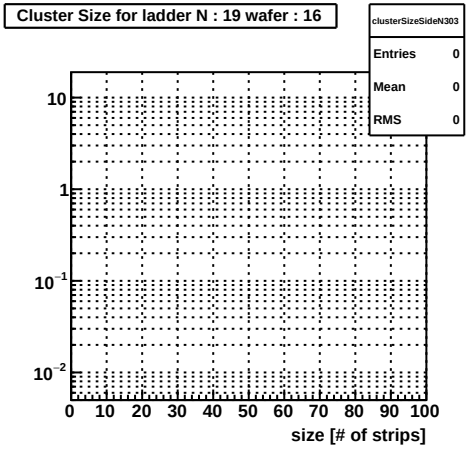

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

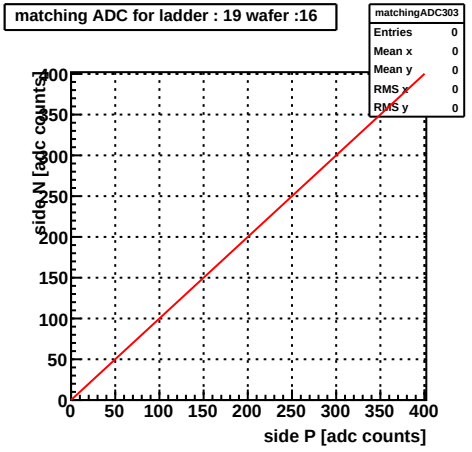

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

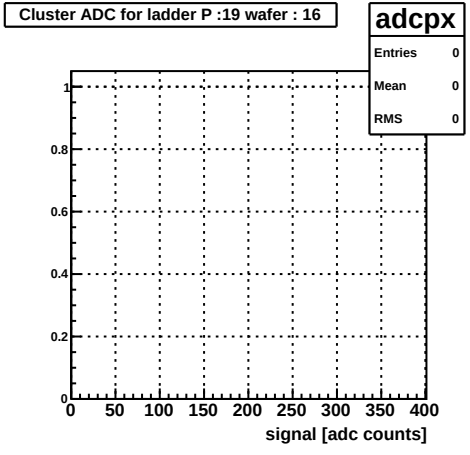

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

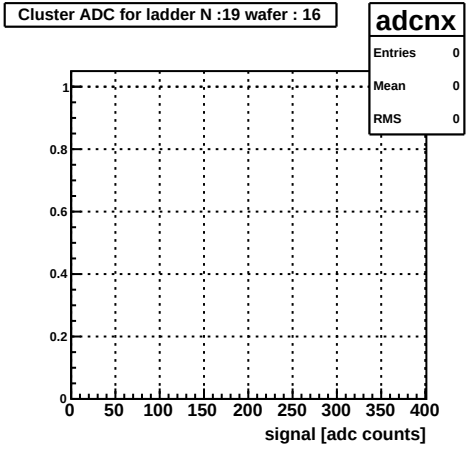

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

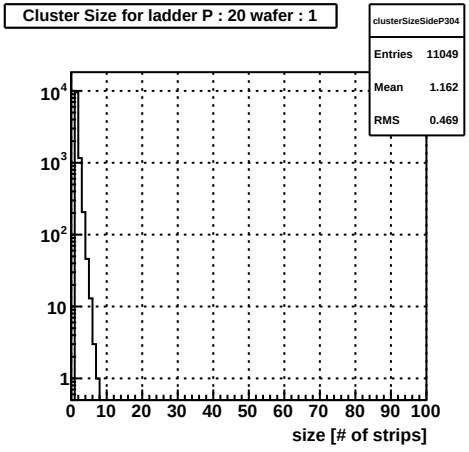

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

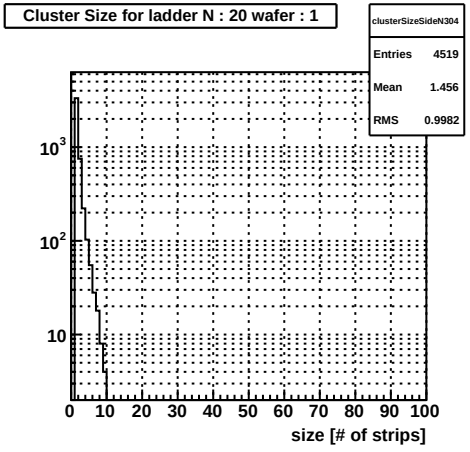

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

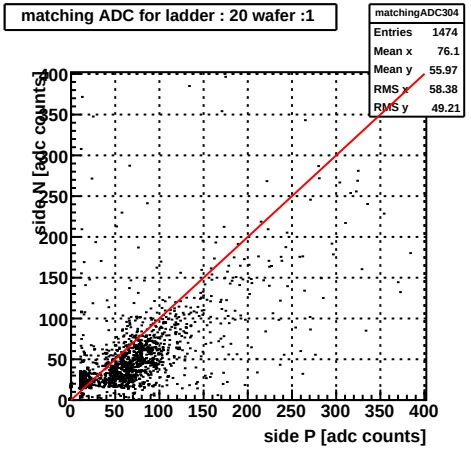

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

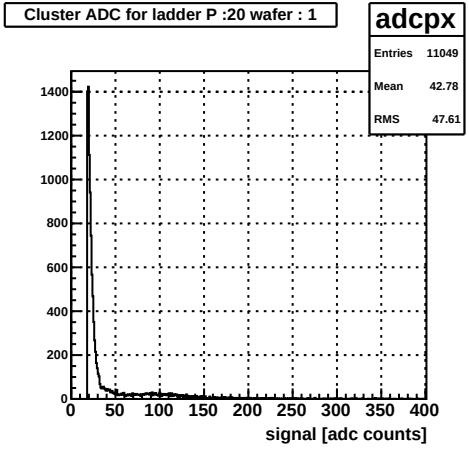

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

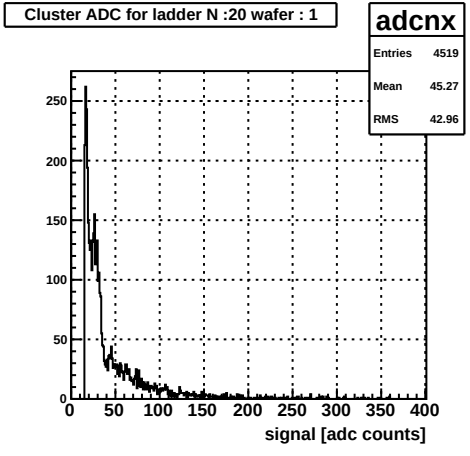

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

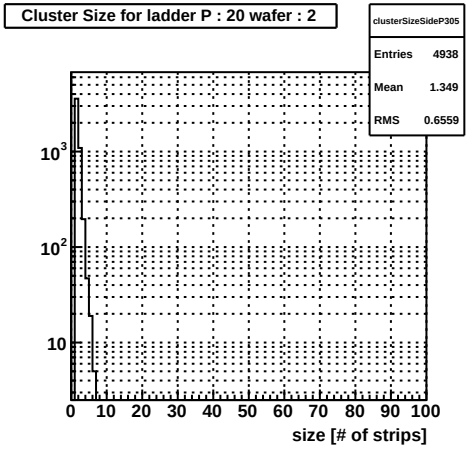

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 11049
Mean 1.162
RMS 0.469
size [# of strips]

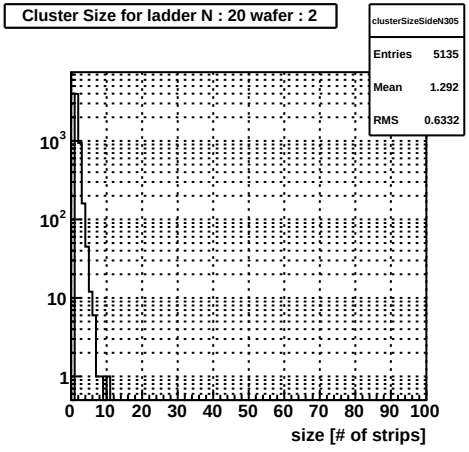

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4519
Mean 1.456
RMS 0.9982
size [# of strips]

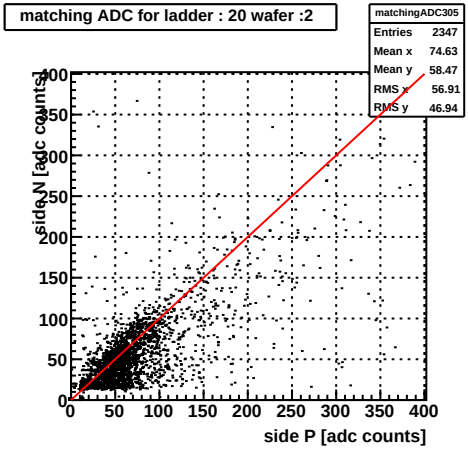

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 1474
Mean x 76.1
Mean y 55.97
RMS x 58.38
RMS y 49.21
side N [adc counts]
side P [adc counts]

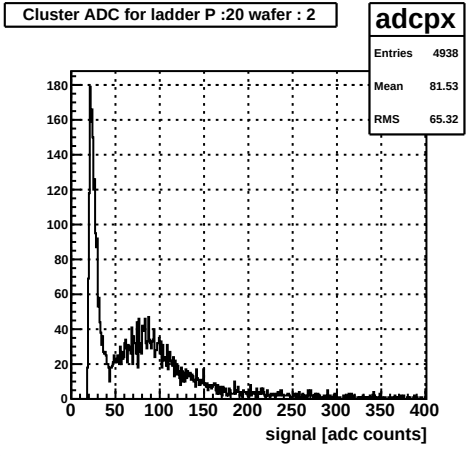

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 11049
Mean 42.78
RMS 47.61
signal [adc counts]

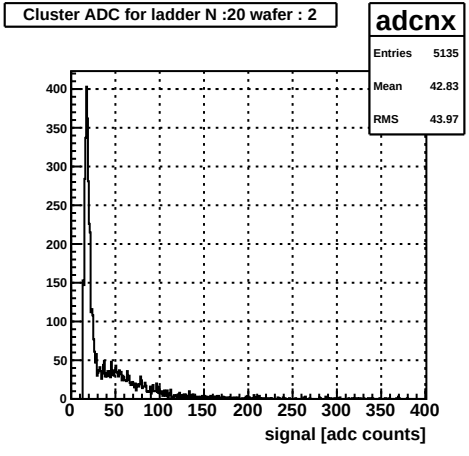

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4519
Mean 45.27
RMS 42.96
signal [adc counts]

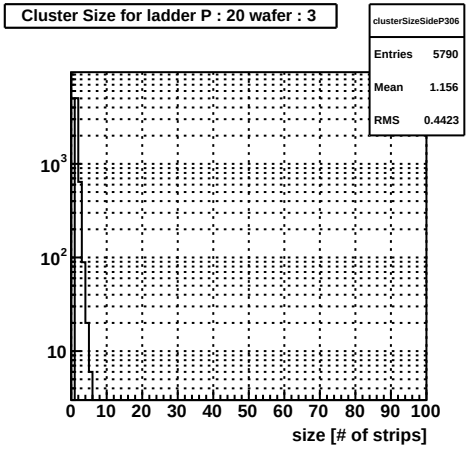

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4938
Mean 1.349
RMS 0.6559
size [# of strips]

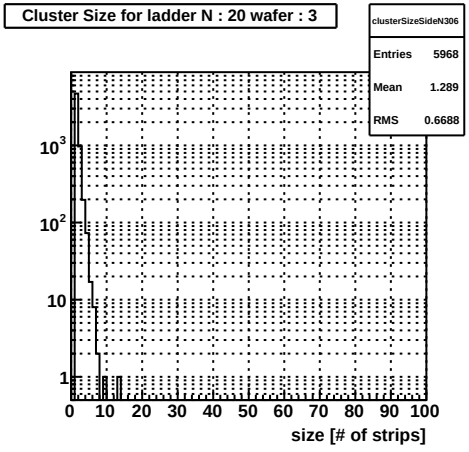

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5135
Mean 1.292
RMS 0.6332
size [# of strips]

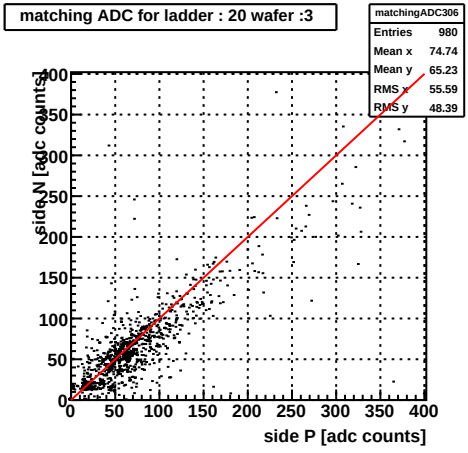

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 2347
Mean x 74.63
Mean y 58.47
RMS x 56.91
RMS y 46.94
side N [adc counts]
side P [adc counts]

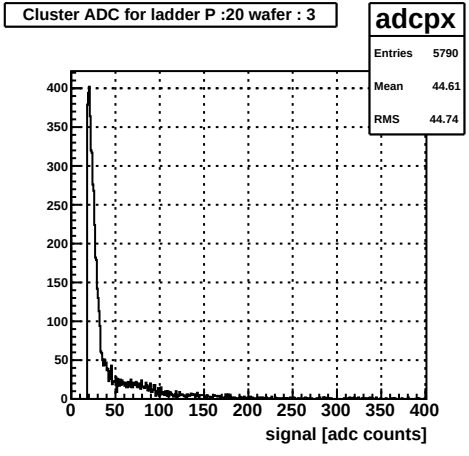

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4938
Mean 81.53
RMS 65.32
signal [adc counts]

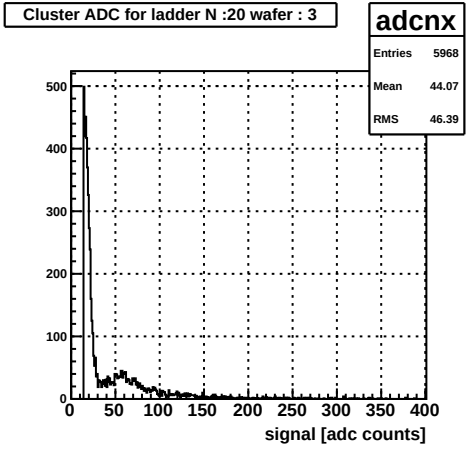

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5135
Mean 42.83
RMS 43.97
signal [adc counts]

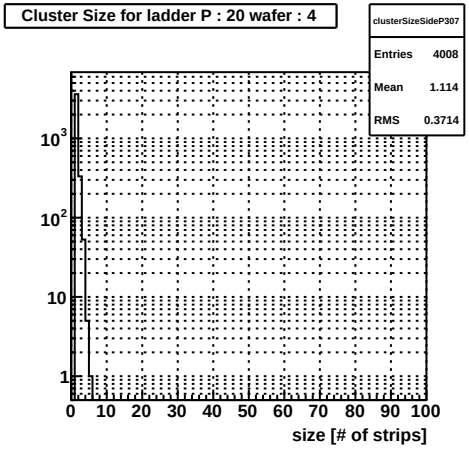

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5790
Mean 1.156
RMS 0.4423
size [# of strips]

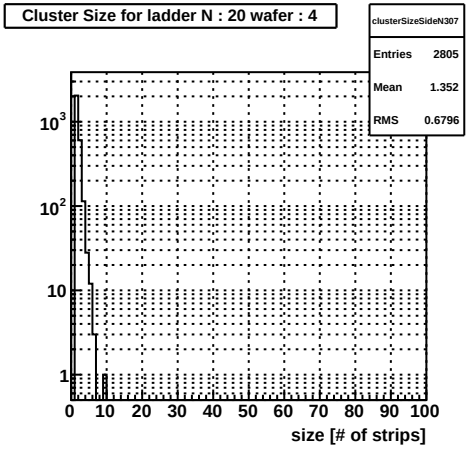

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5968
Mean 1.289
RMS 0.6688
size [# of strips]

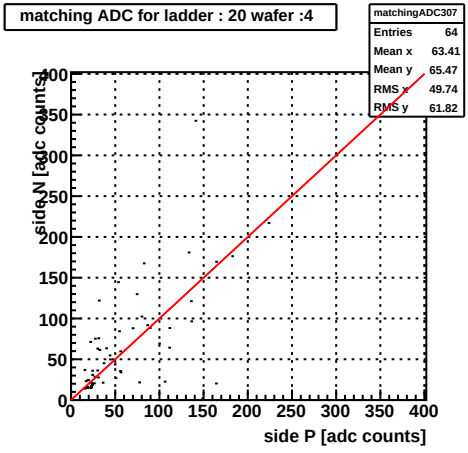

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 980
Mean x 74.74
Mean y 65.23
RMS x 55.59
RMS y 48.39
side N [adc counts]
side P [adc counts]

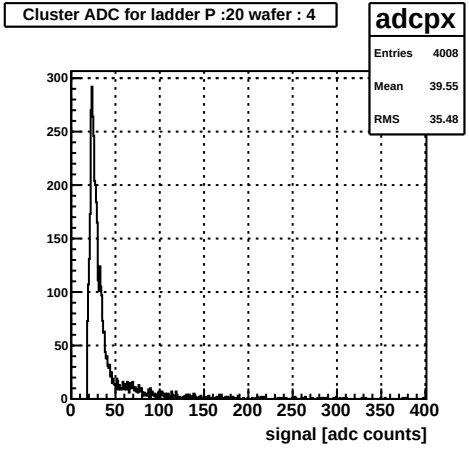

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5790
Mean 44.61
RMS 44.74
signal [adc counts]

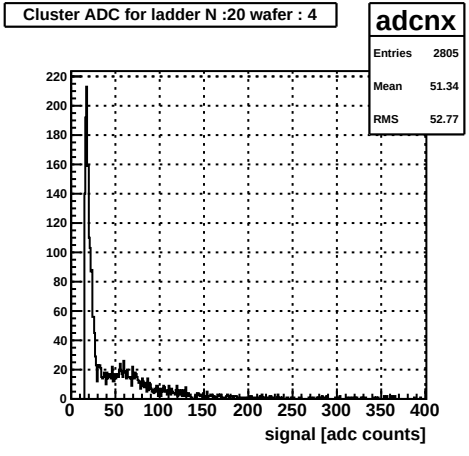

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5968
Mean 44.07
RMS 46.39
signal [adc counts]

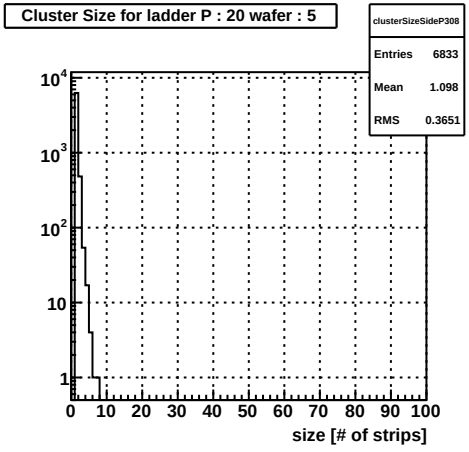

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 4008
Mean 1.114
RMS 0.3714
size [# of strips]

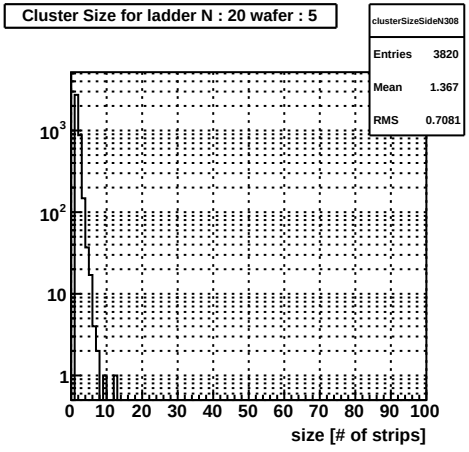

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2805
Mean 1.352
RMS 0.6796
size [# of strips]

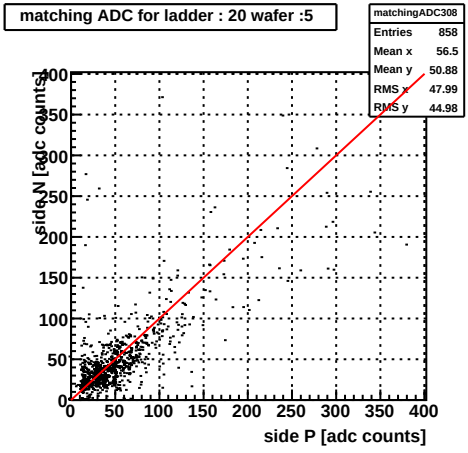

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 64
Mean x 63.41
Mean y 65.47
RMS x 49.74
RMS y 61.82
side N [adc counts]
side P [adc counts]

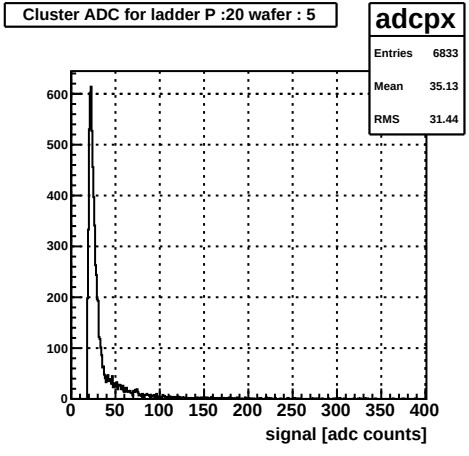

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 4008
Mean 39.55
RMS 35.48
signal [adc counts]

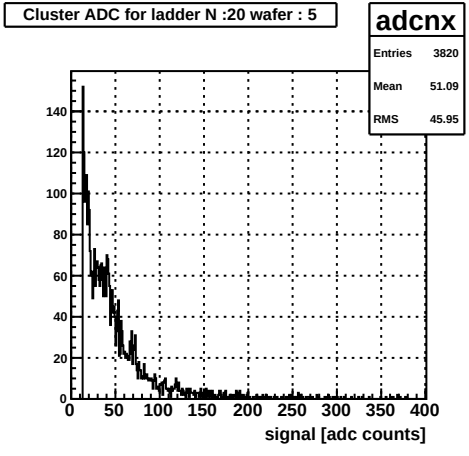

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2805
Mean 51.34
RMS 52.77
signal [adc counts]

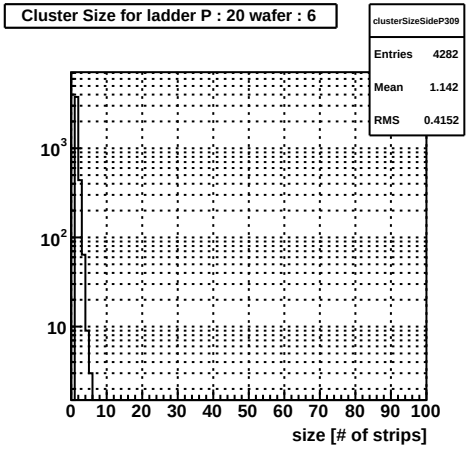

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 6833
Mean 1.098
RMS 0.3651
size [# of strips]

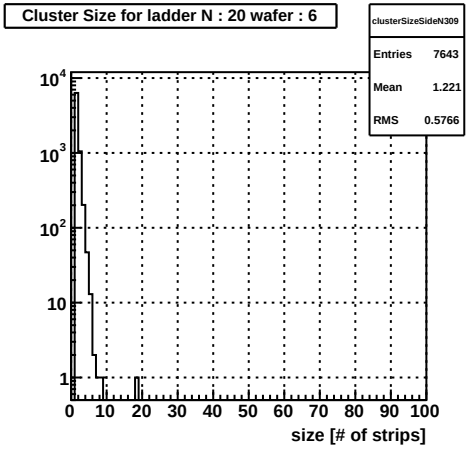

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3820
Mean 1.367
RMS 0.7081
size [# of strips]

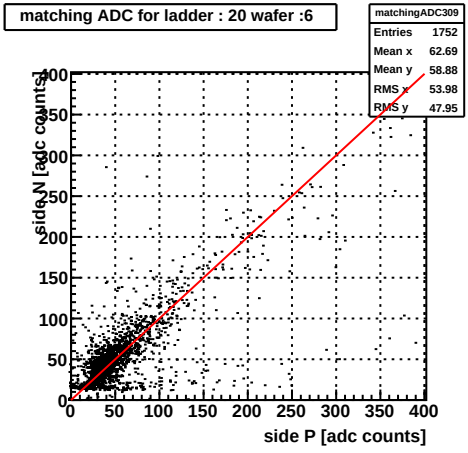

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 858
Mean x 56.5
Mean y 50.88
RMS x 47.99
RMS y 44.98
side N [adc counts]
side P [adc counts]

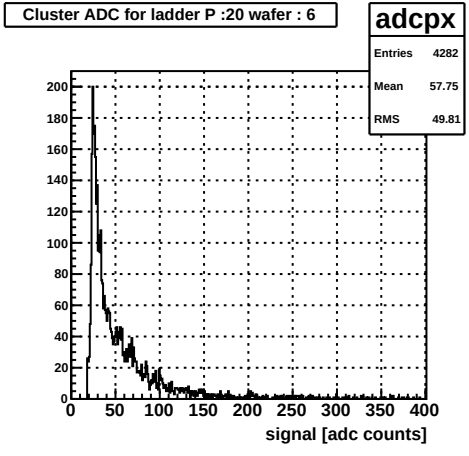

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 6833
Mean 35.13
RMS 31.44
signal [adc counts]

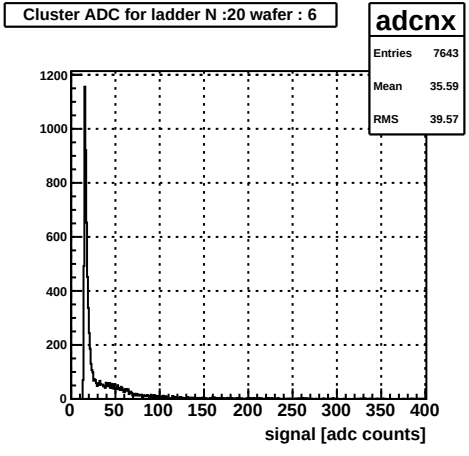

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3820
Mean 51.09
RMS 45.95
signal [adc counts]

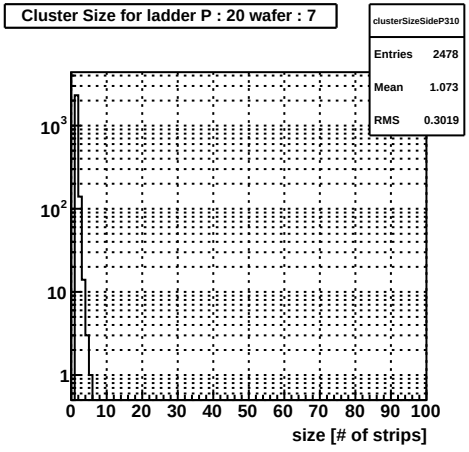

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4282
Mean 1.142
RMS 0.4152
size [# of strips]

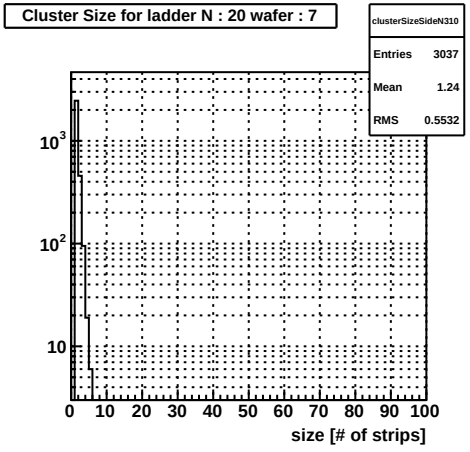

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7643
Mean 1.221
RMS 0.5766
size [# of strips]

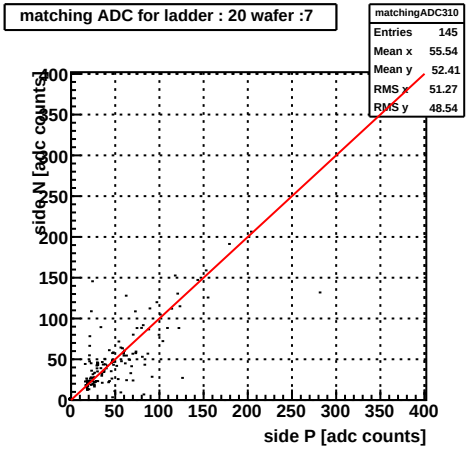

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 1752
Mean x 62.69
Mean y 58.88
RMS x 53.98
RMS y 47.95
side N [adc counts]
side P [adc counts]

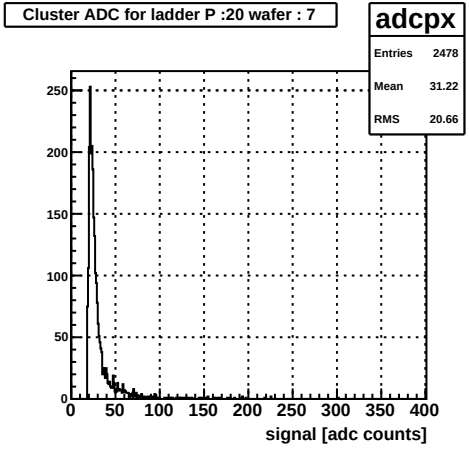

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4282
Mean 57.75
RMS 49.81
signal [adc counts]

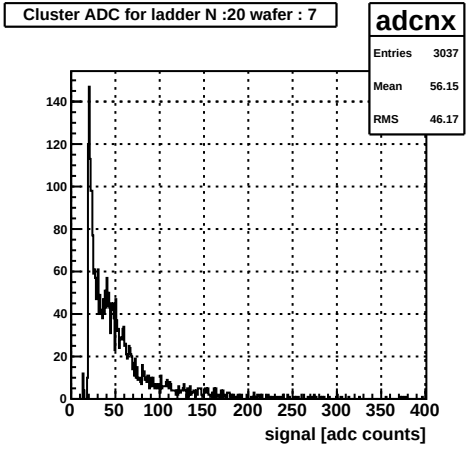

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7643
Mean 35.59
RMS 39.57
signal [adc counts]

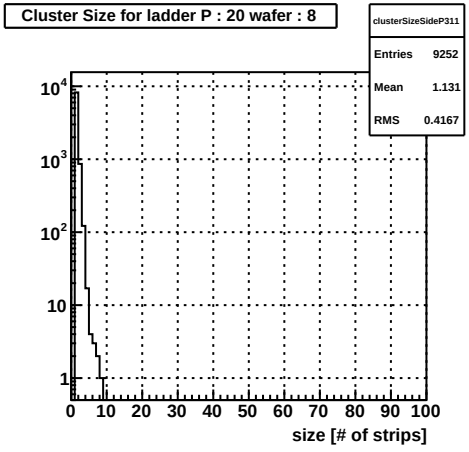

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2478
Mean 1.073
RMS 0.3019
size [# of strips]

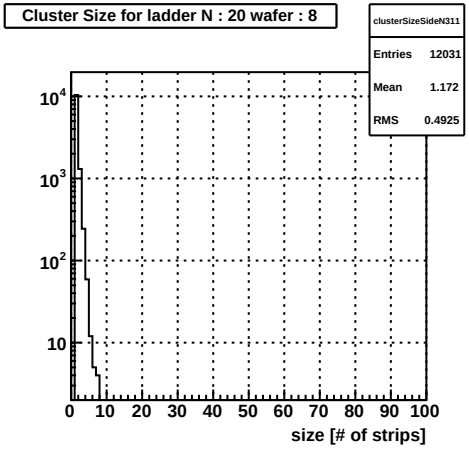

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 3037
Mean 1.24
RMS 0.5532
size [# of strips]

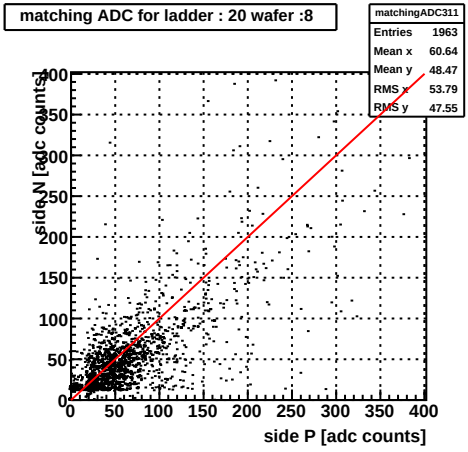

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 145
Mean x 55.54
Mean y 52.41
RMS x 51.27
RMS y 48.54
side N [adc counts]
side P [adc counts]

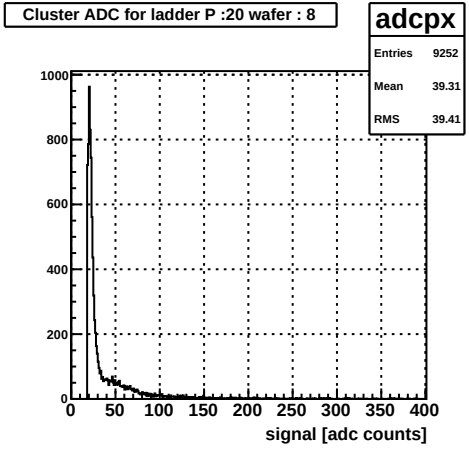

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2478
Mean 31.22
RMS 20.66
signal [adc counts]

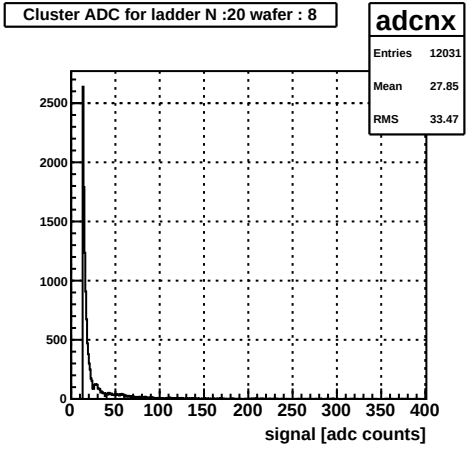

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 3037
Mean 56.15
RMS 46.17
signal [adc counts]

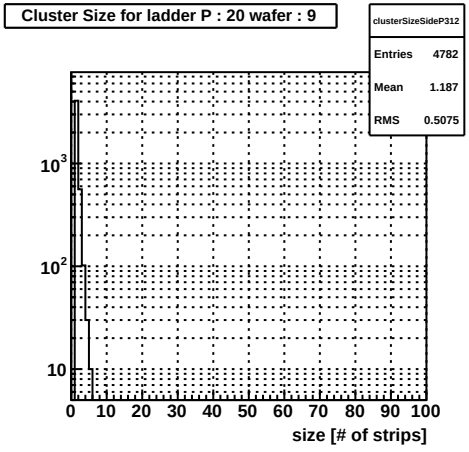

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 9252
Mean 1.131
RMS 0.4167
size [# of strips]

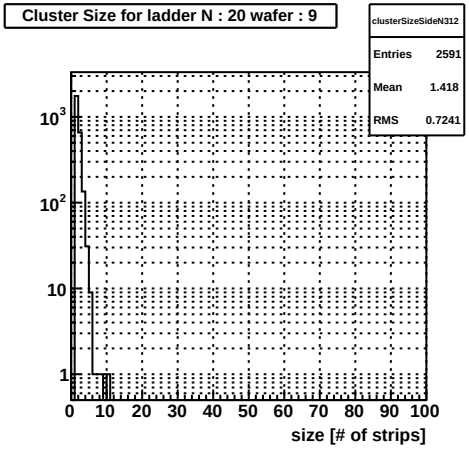

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 12031
Mean 1.172
RMS 0.4925
size [# of strips]

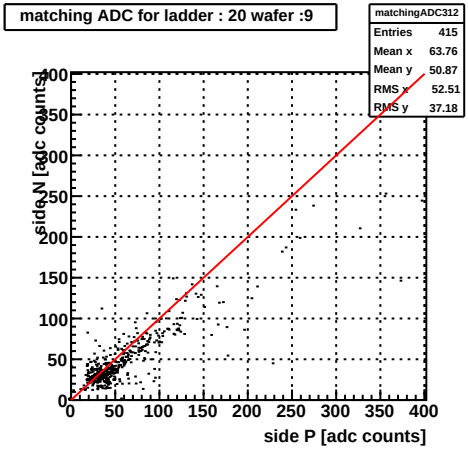

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1963
Mean x 60.64
Mean y 48.47
RMS x 53.79
RMS y 47.55
side N [adc counts]
side P [adc counts]

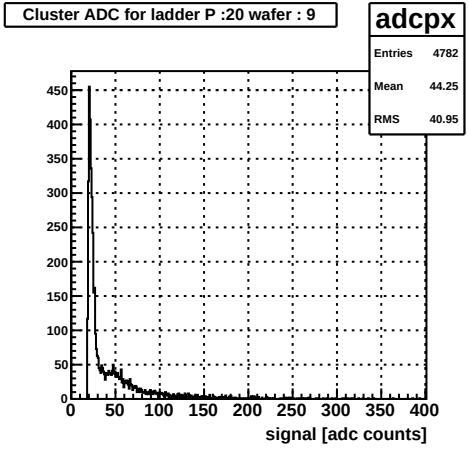

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 9252
Mean 39.31
RMS 39.41
signal [adc counts]

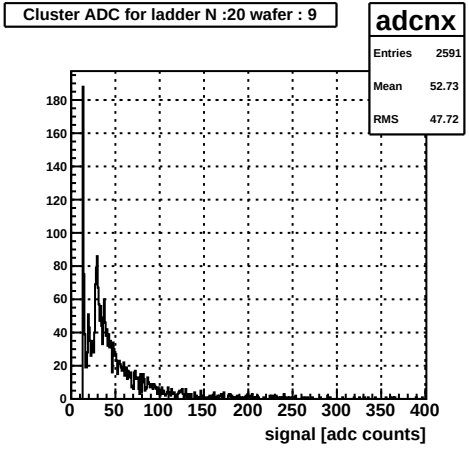

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 12031
Mean 27.85
RMS 33.47
signal [adc counts]

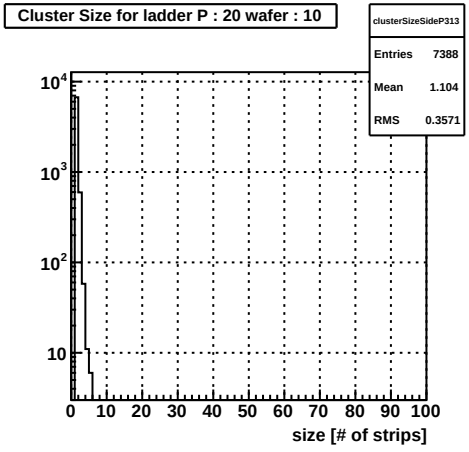

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 4782
Mean 1.187
RMS 0.5075
size [# of strips]

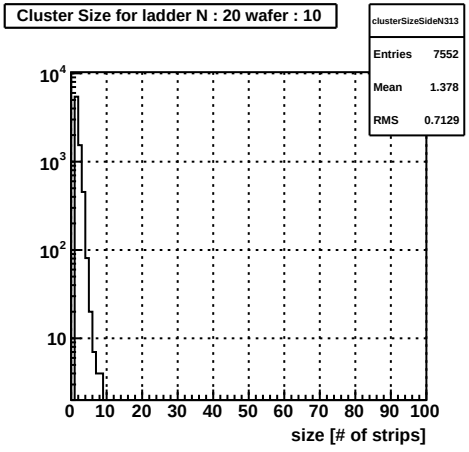

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2591
Mean 1.418
RMS 0.7241
size [# of strips]

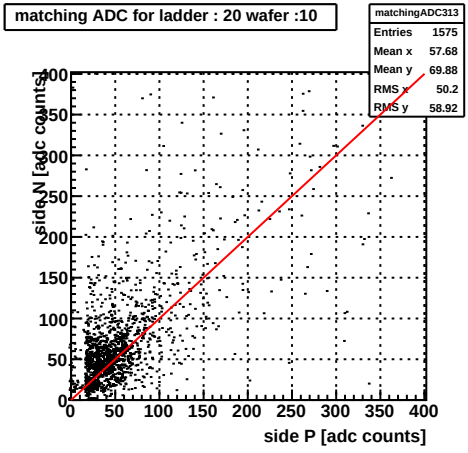

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 415
Mean x 63.76
Mean y 50.87
RMS x 52.51
RMS y 37.18
side N [adc counts]
side P [adc counts]

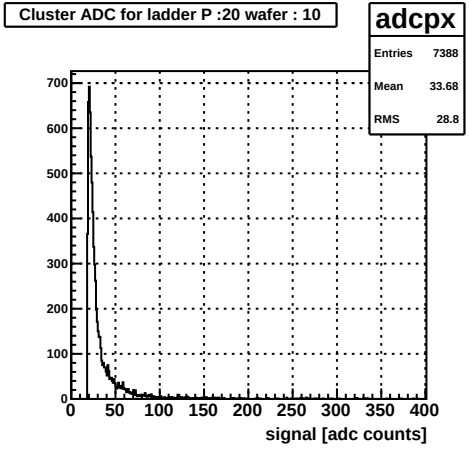

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 4782
Mean 44.25
RMS 40.95
signal [adc counts]

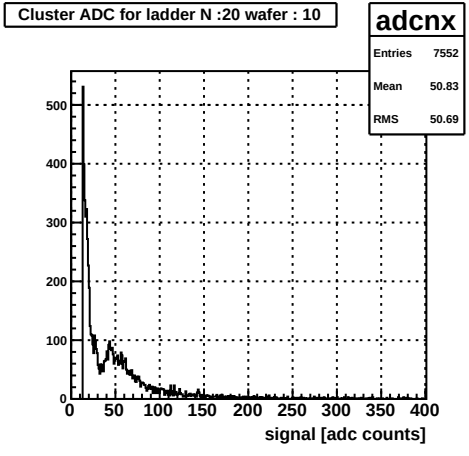

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2591
Mean 52.73
RMS 47.72
signal [adc counts]

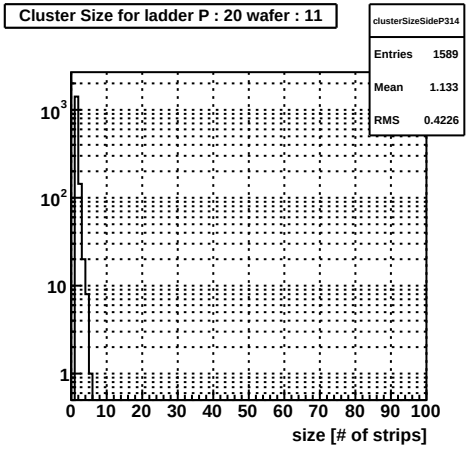

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 7388
Mean 1.104
RMS 0.3571
size [# of strips]

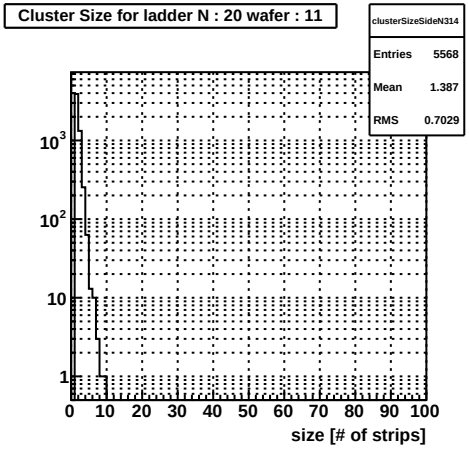

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7552
Mean 1.378
RMS 0.7129
size [# of strips]

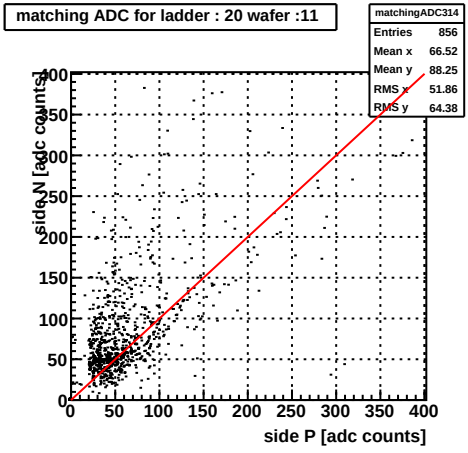

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 1575
Mean x 57.68
Mean y 69.88
RMS x 50.2
RMS y 58.92
side N [adc counts]
side P [adc counts]

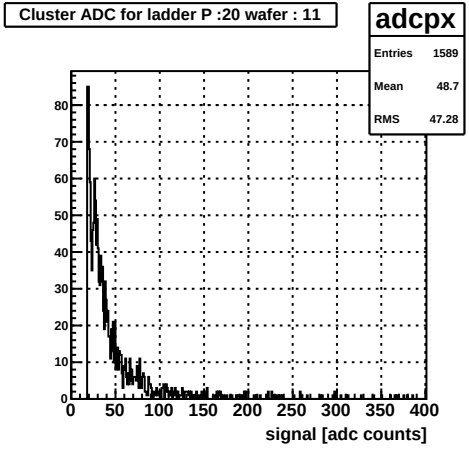

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 7388
Mean 33.68
RMS 28.8
signal [adc counts]

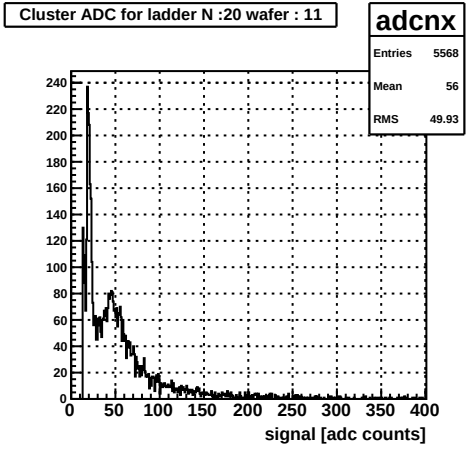

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7552
Mean 50.83
RMS 50.69
signal [adc counts]

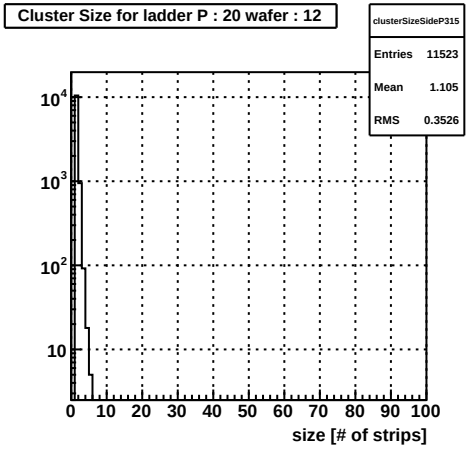

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 1589
Mean 1.133
RMS 0.4226
size [# of strips]

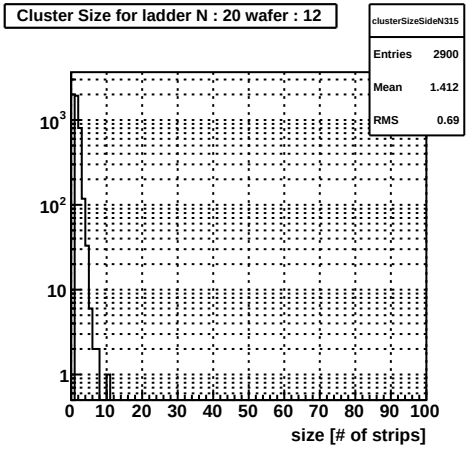

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 5568
Mean 1.387
RMS 0.7029
size [# of strips]

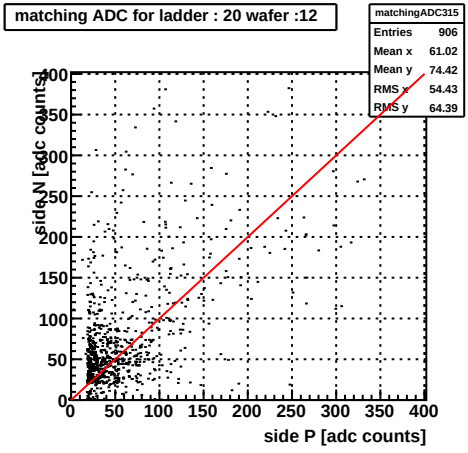

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 856
Mean x 66.52
Mean y 88.25
RMS x 51.86
RMS y 64.38
side N [adc counts]
side P [adc counts]

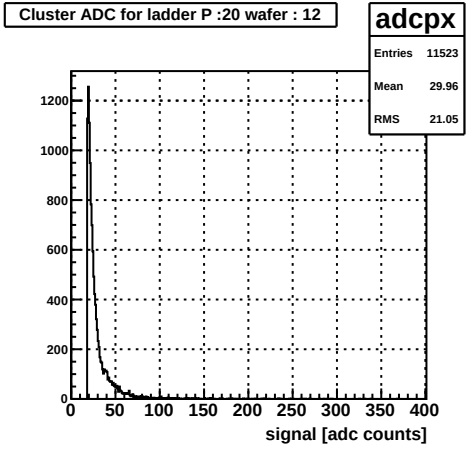

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 1589
Mean 48.7
RMS 47.28
signal [adc counts]

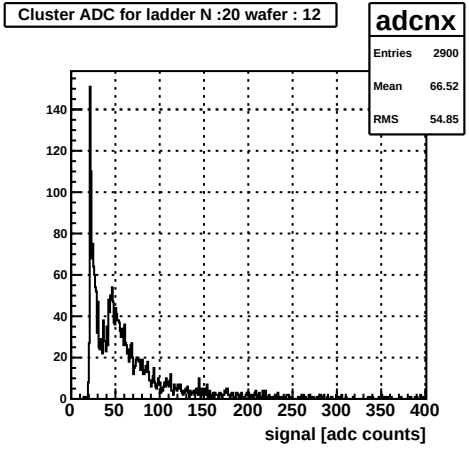

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 5568
Mean 56
RMS 49.93
signal [adc counts]

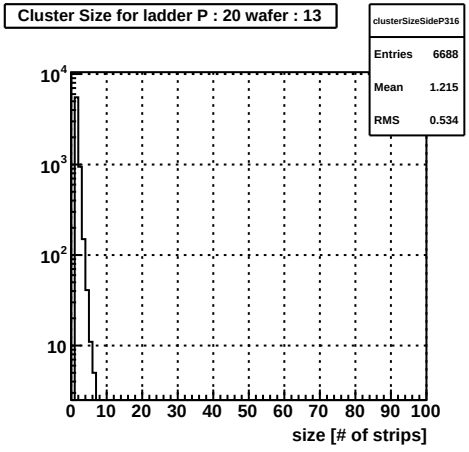

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 11523
Mean 1.105
RMS 0.3526
size [# of strips]

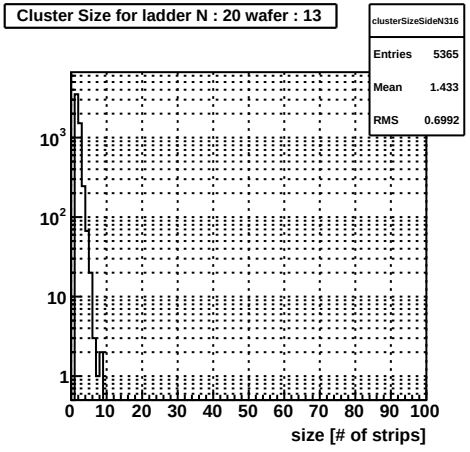

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2900
Mean 1.412
RMS 0.69
size [# of strips]

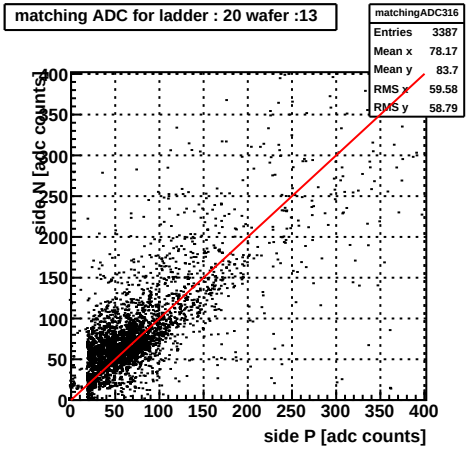

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 906
Mean x 61.02
Mean y 74.42
RMS x 54.43
RMS y 64.39
side N [adc counts]
side P [adc counts]

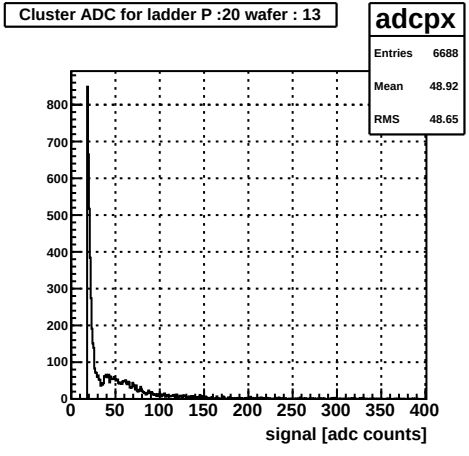

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 11523
Mean 29.96
RMS 21.05
signal [adc counts]

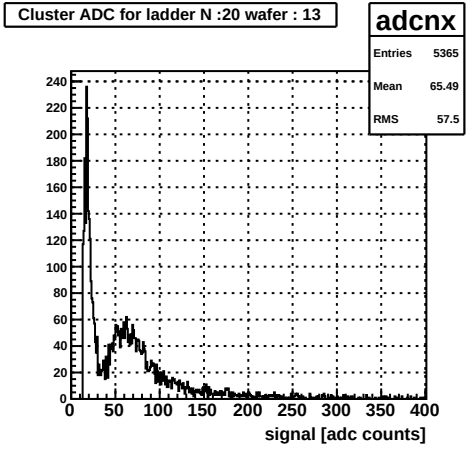

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2900
Mean 66.52
RMS 54.85
signal [adc counts]

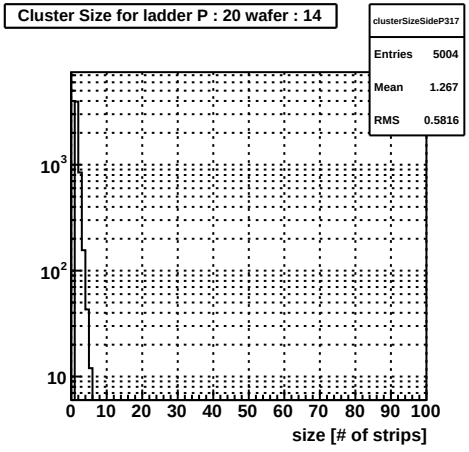

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6688
Mean 1.215
RMS 0.534
size [# of strips]

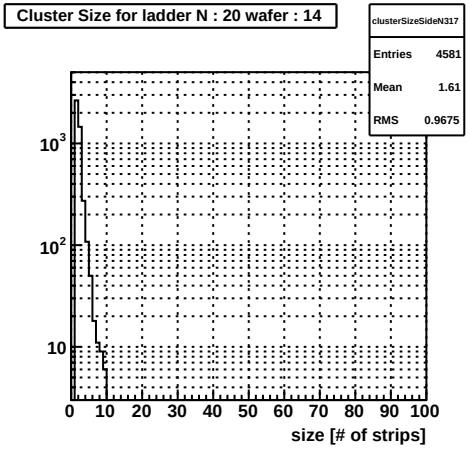

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 5365
Mean 1.433
RMS 0.6992
size [# of strips]

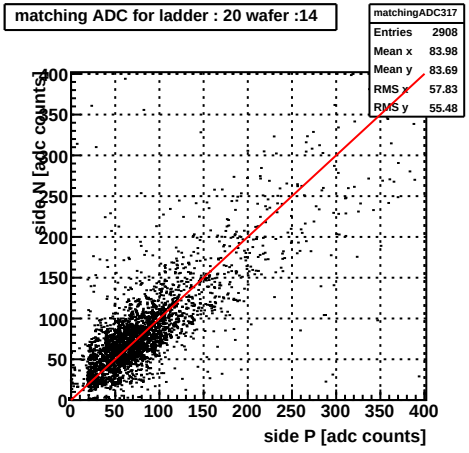

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 3387
Mean x 78.17
Mean y 83.7
RMS x 59.58
RMS y 58.79
side N [adc counts]
side P [adc counts]

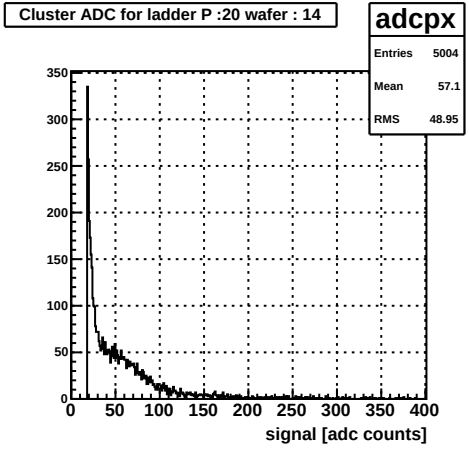

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6688
Mean 48.92
RMS 48.65
signal [adc counts]

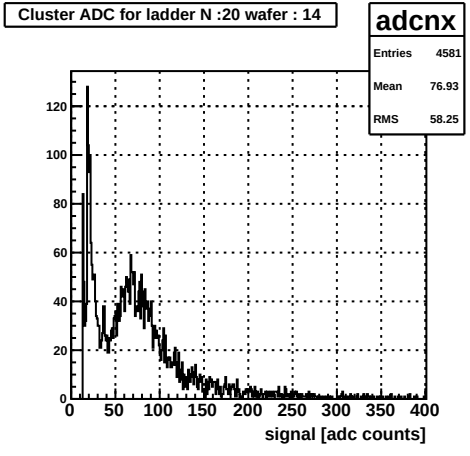

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 5365
Mean 65.49
RMS 57.5
signal [adc counts]

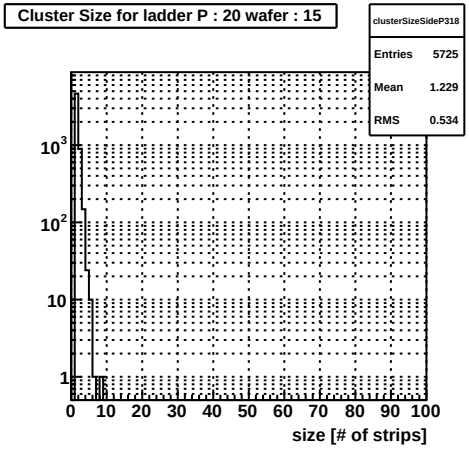

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 5004
Mean 1.267
RMS 0.5816
size [# of strips]

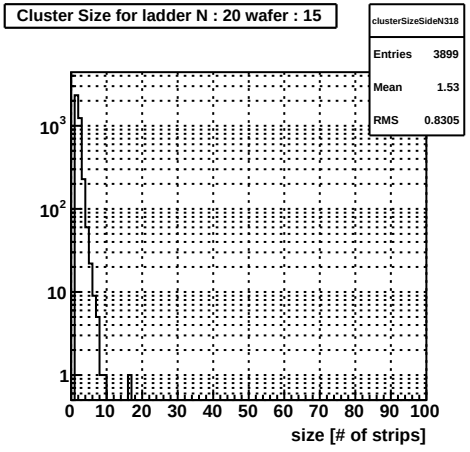

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 4581
Mean 1.61
RMS 0.9675
size [# of strips]

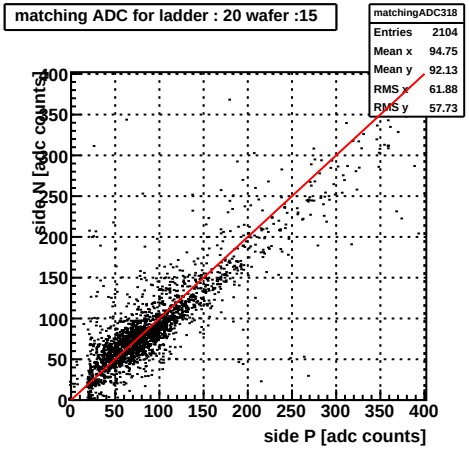

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 2908
Mean x 83.98
Mean y 83.69
RMS x 57.83
RMS y 55.48
side N [adc counts]
side P [adc counts]

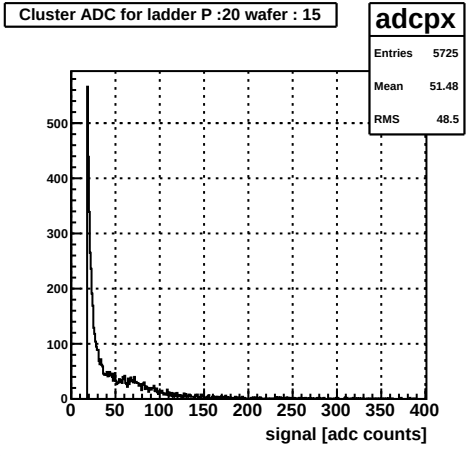

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 5004
Mean 57.1
RMS 48.95
signal [adc counts]

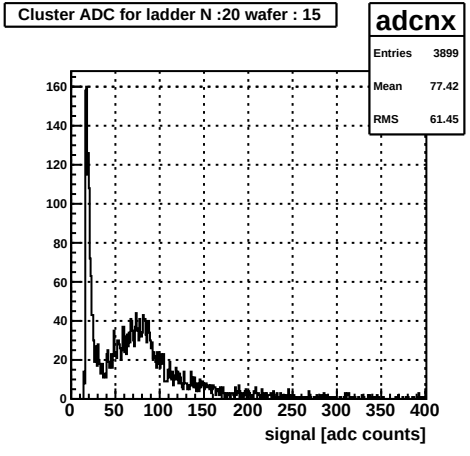

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 4581
Mean 76.93
RMS 58.25
signal [adc counts]

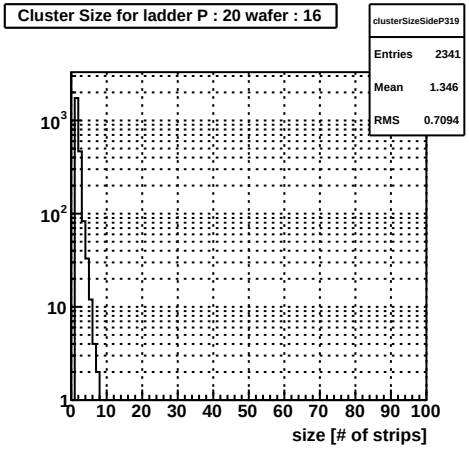

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5725
Mean 1.229
RMS 0.534
size [# of strips]

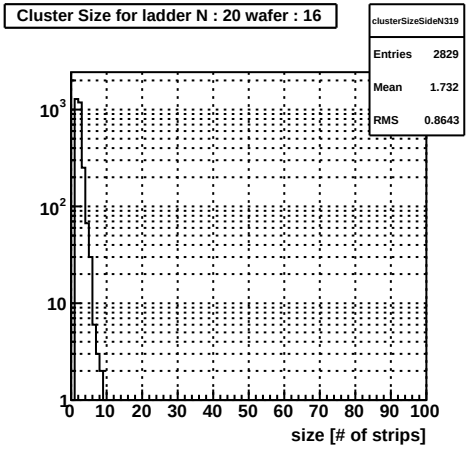

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 3899
Mean 1.53
RMS 0.8305
size [# of strips]

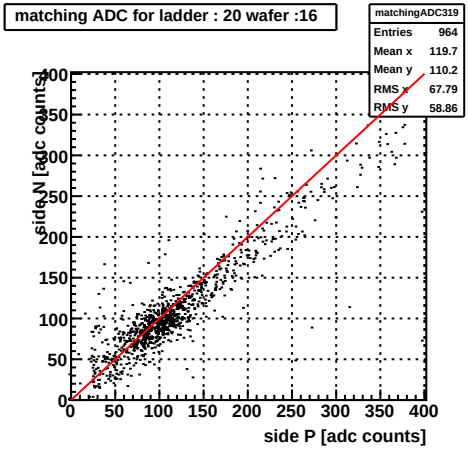

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 2104
Mean x 94.75
Mean y 92.13
RMS x 61.88
RMS y 57.73
side N [adc counts]
side P [adc counts]

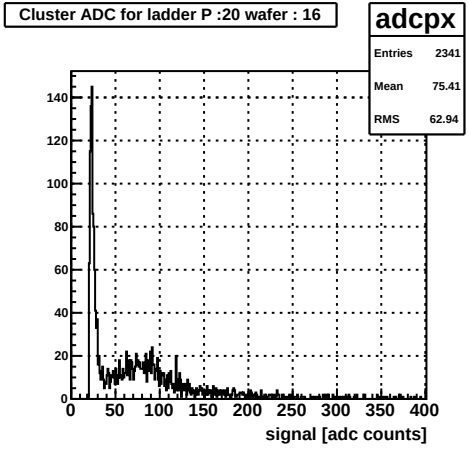

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5725
Mean 51.48
RMS 48.5
signal [adc counts]

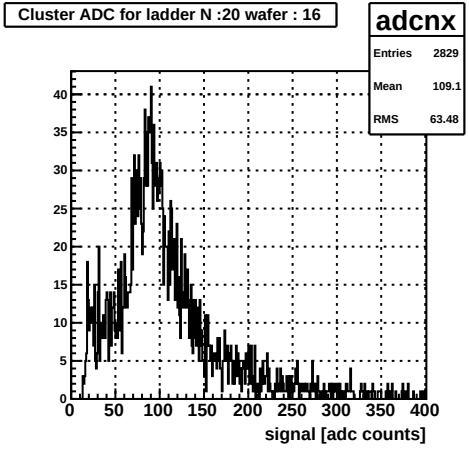

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 3899
Mean 77.42
RMS 61.45
signal [adc counts]

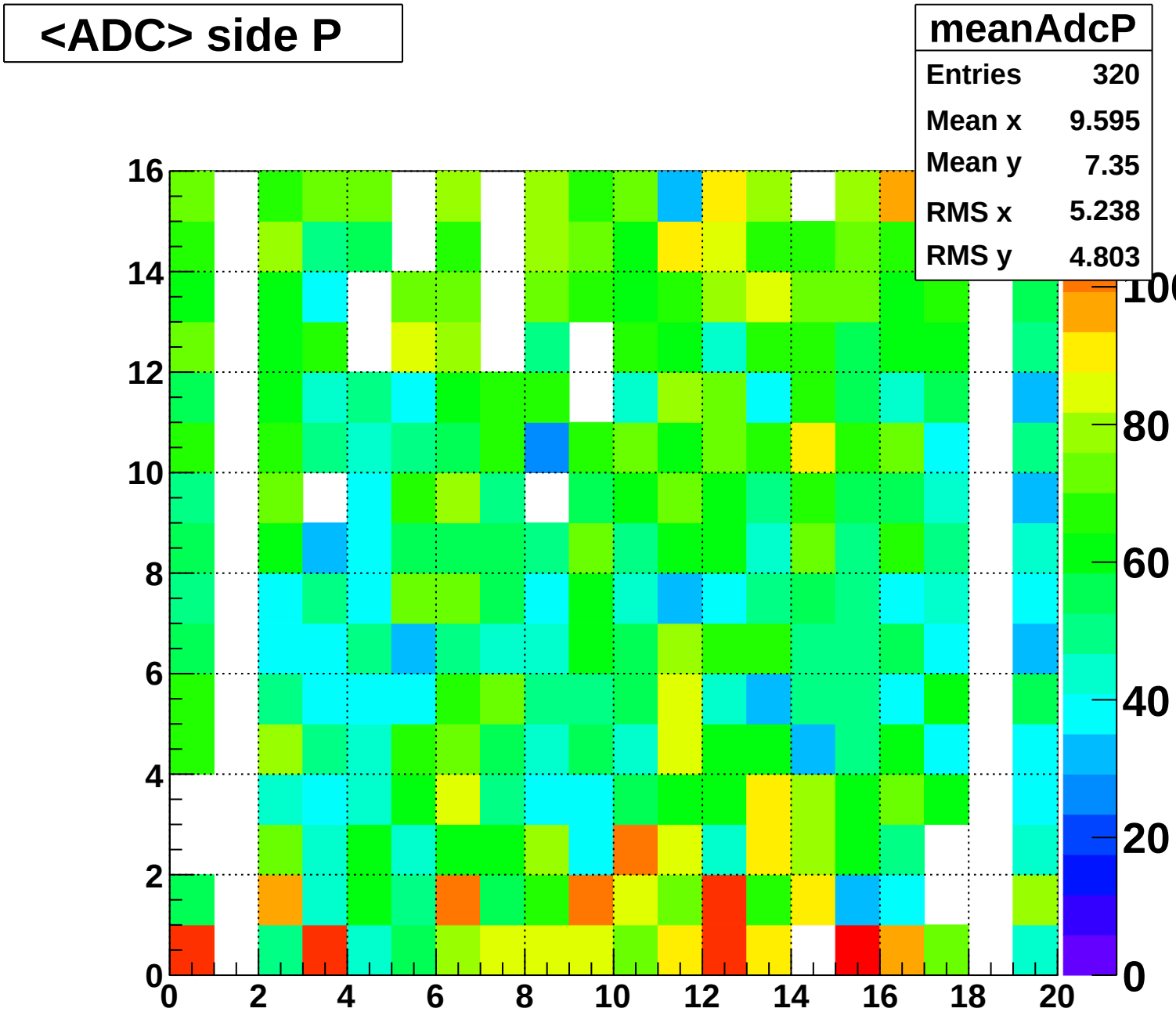

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2341
Mean 1.346
RMS 0.7094
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 2829
Mean 1.732
RMS 0.8643
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 964
Mean x 119.7
Mean y 110.2
RMS x 67.79
RMS y 58.86
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2341
Mean 75.41
RMS 62.94
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 2829
Mean 109.1
RMS 63.48
signal [adc counts]



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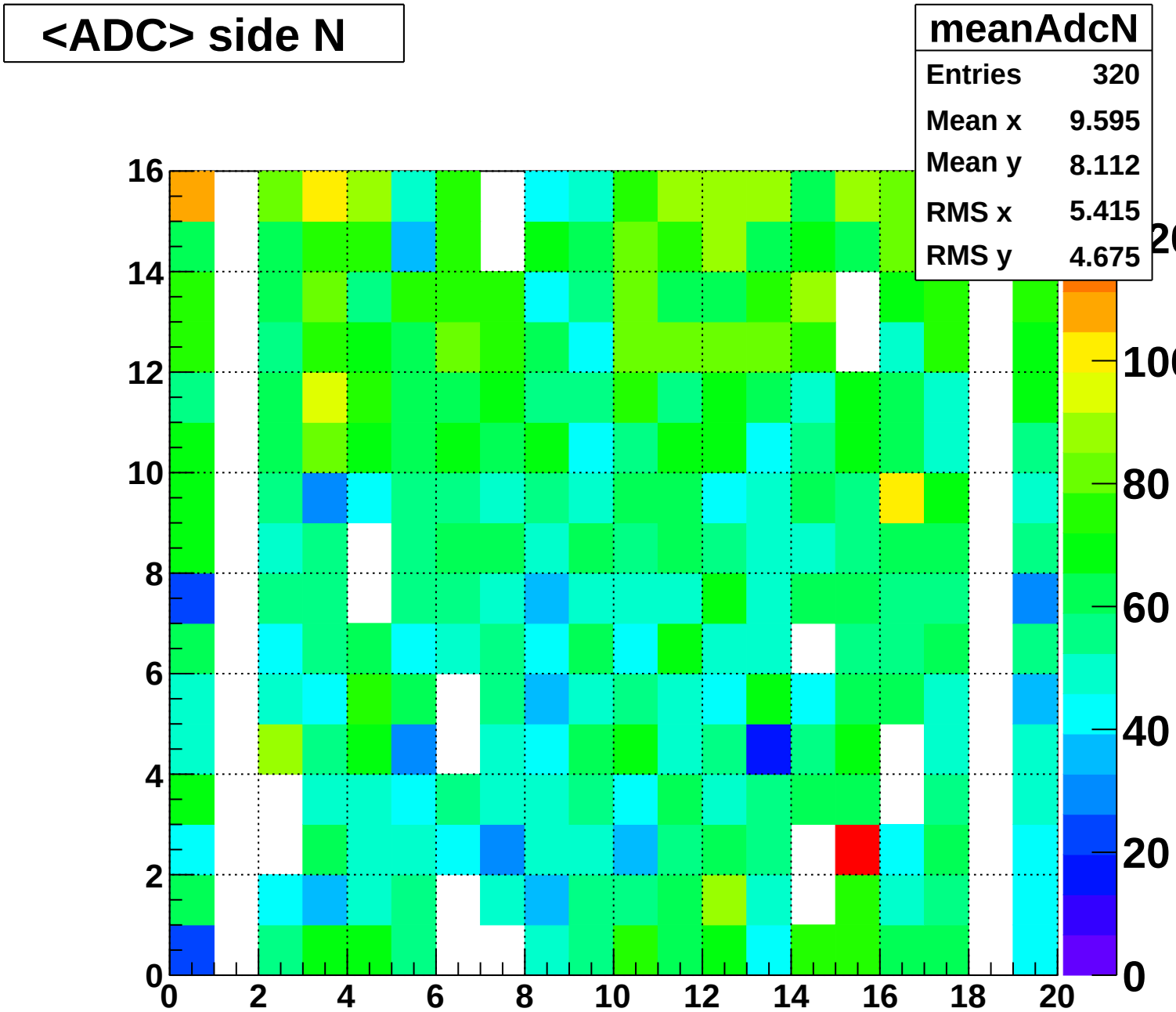

2016-06-20 13:32:24