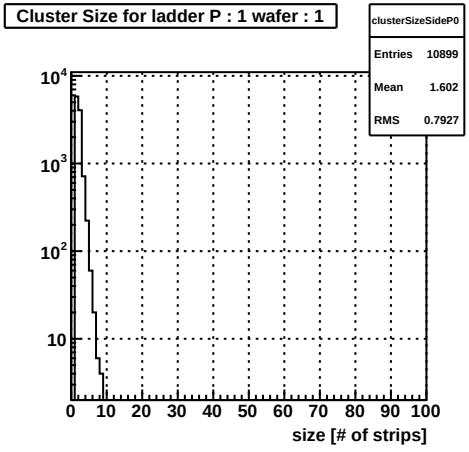
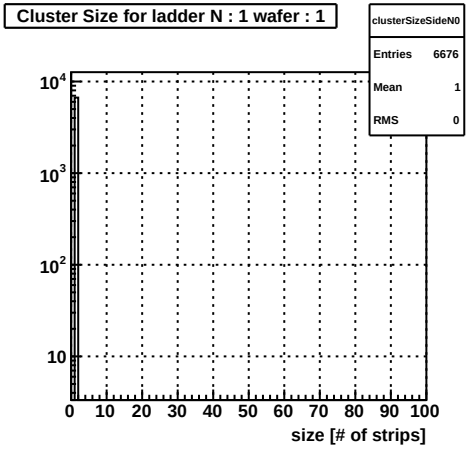
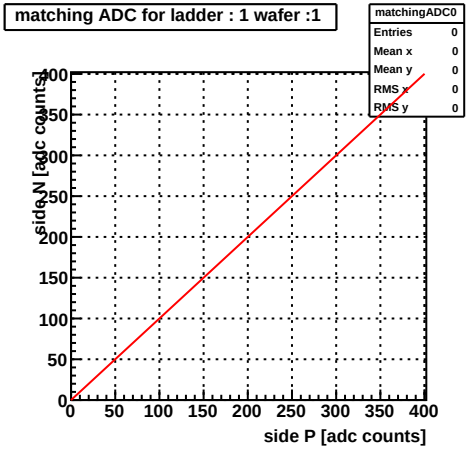
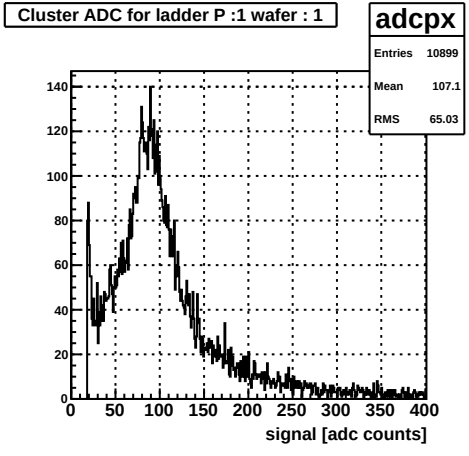
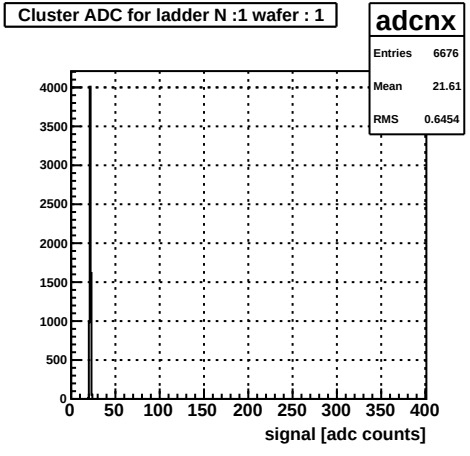
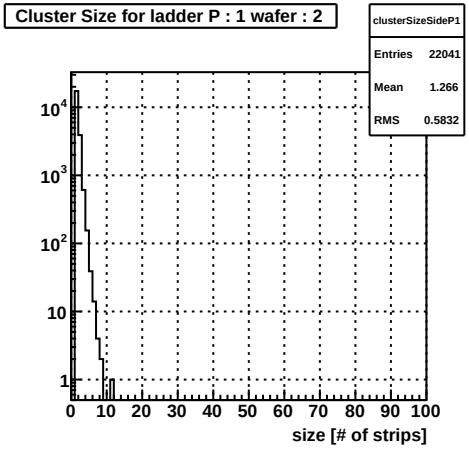

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 10899
Mean 1.602
RMS 0.7927
size [# of strips]

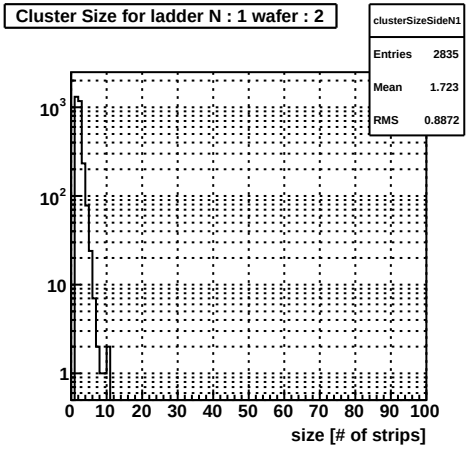

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 6676
Mean 1
RMS 0
size [# of strips]

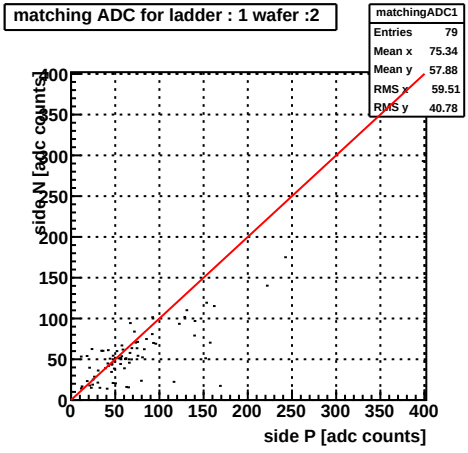

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

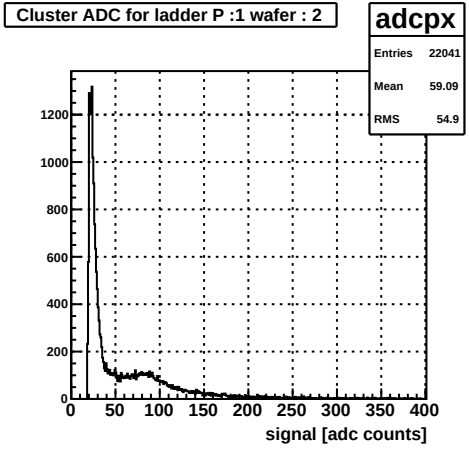

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 10899
Mean 107.1
RMS 65.03
signal [adc counts]

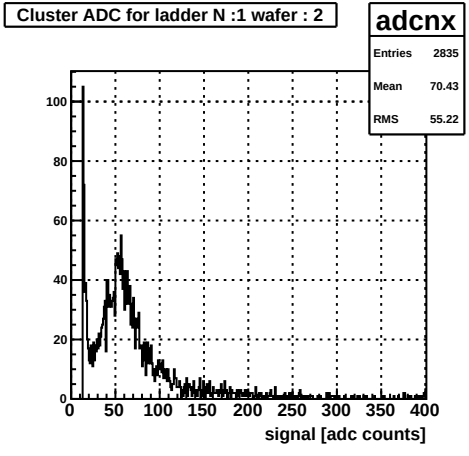

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 6676
Mean 21.61
RMS 0.6454
signal [adc counts]

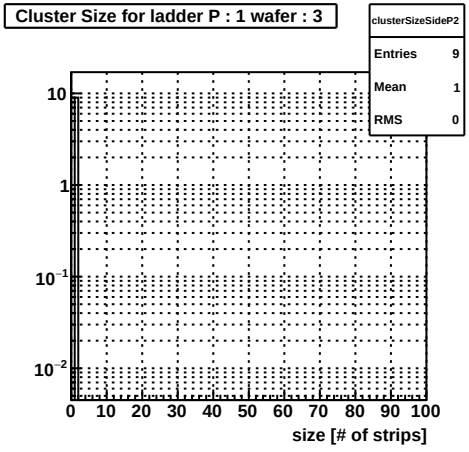

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 22041
Mean 1.266
RMS 0.5832
size [# of strips]

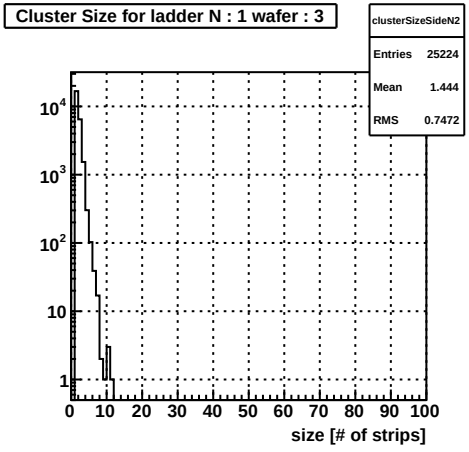

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2835
Mean 1.723
RMS 0.8872
size [# of strips]

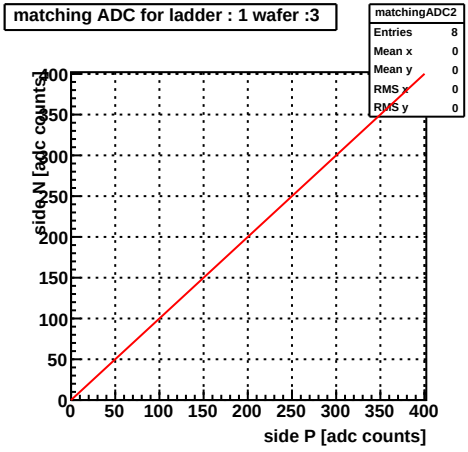

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 79
Mean x 75.34
Mean y 57.88
RMS x 59.51
RMS y 40.78
side N [adc counts]
side P [adc counts]

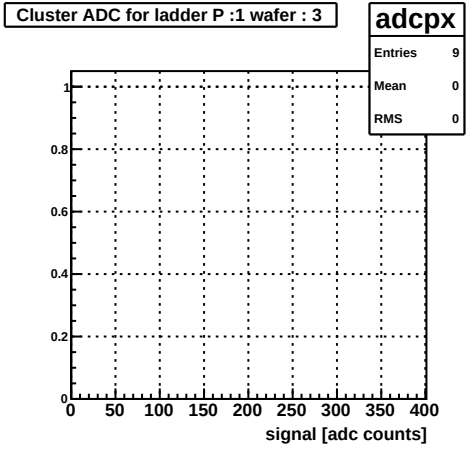

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 22041
Mean 59.09
RMS 54.9
signal [adc counts]

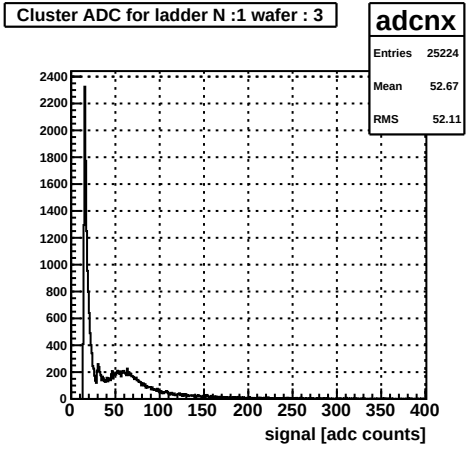

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2835
Mean 70.43
RMS 55.22
signal [adc counts]

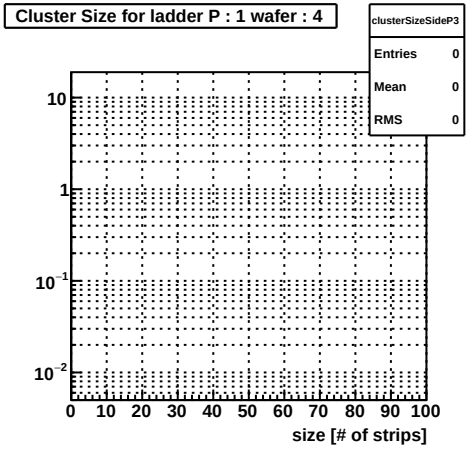

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 9
Mean 1
RMS 0
size [# of strips]

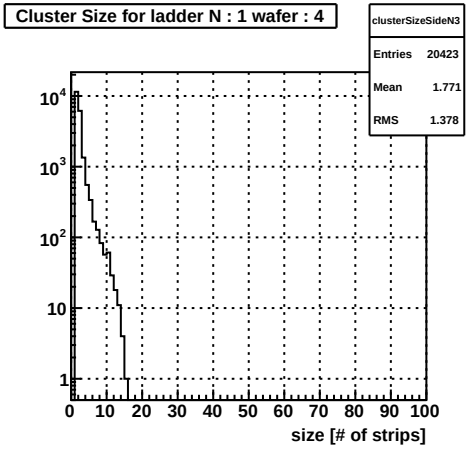

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 25224
Mean 1.444
RMS 0.7472
size [# of strips]

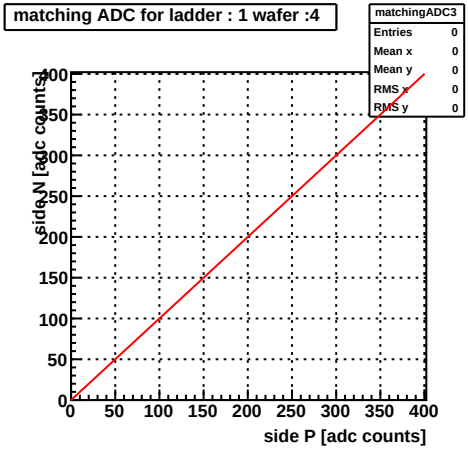

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

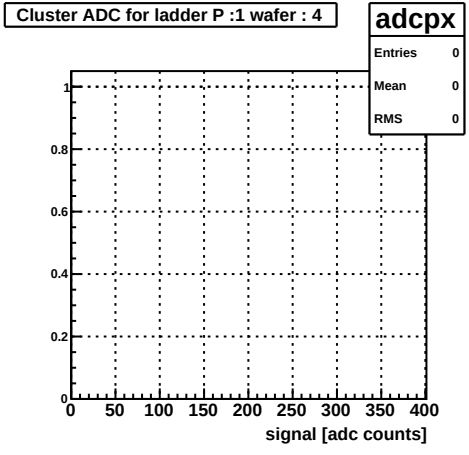

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

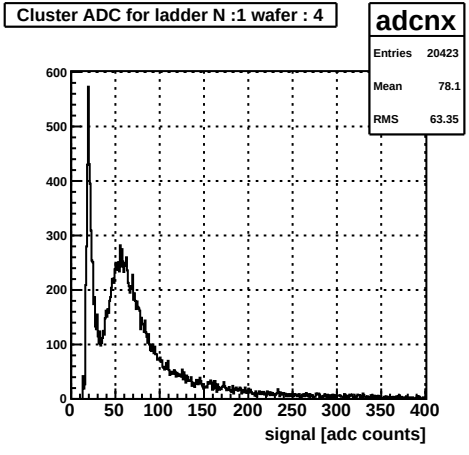

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 25224
Mean 52.67
RMS 52.11
signal [adc counts]

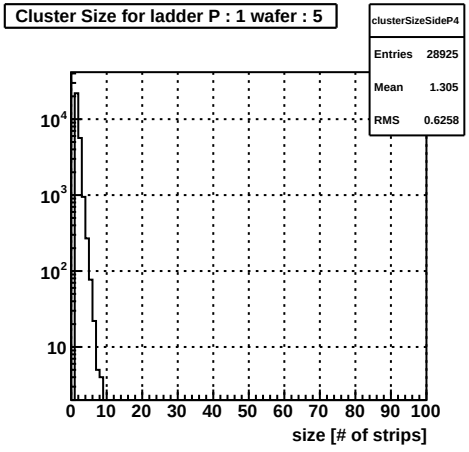

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

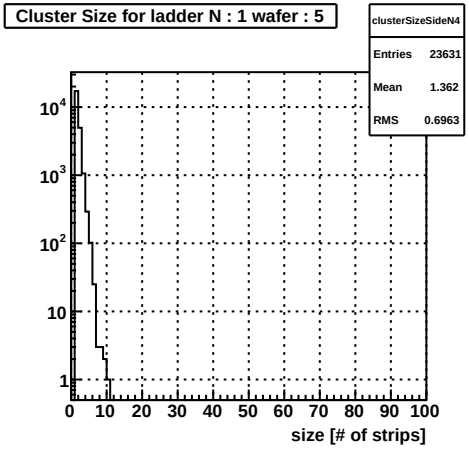

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 20423
Mean 1.771
RMS 1.378
size [# of strips]

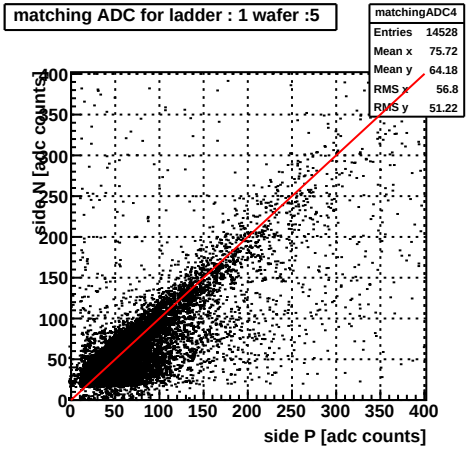

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

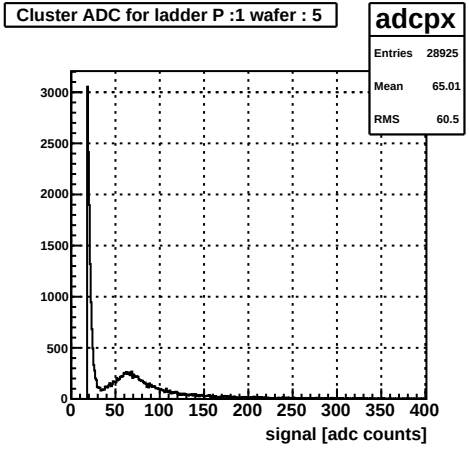

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

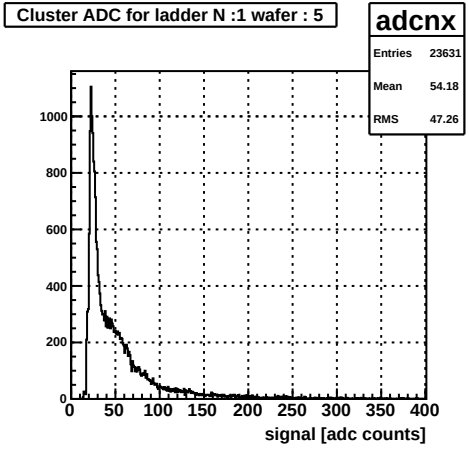

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 20423
Mean 78.1
RMS 63.35
signal [adc counts]

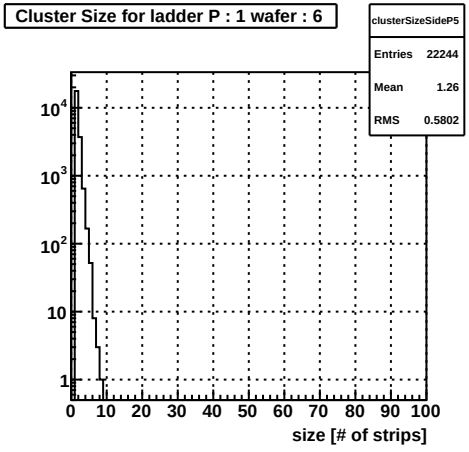

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 28925
Mean 1.305
RMS 0.6258
size [# of strips]

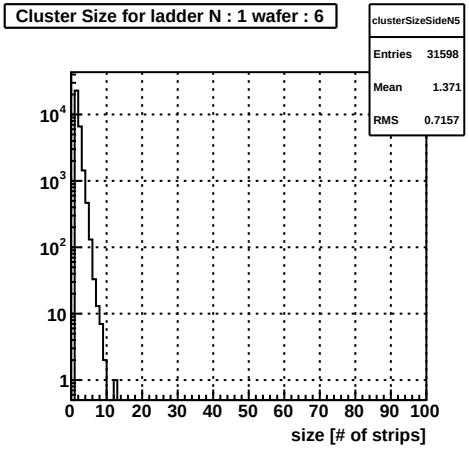

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 23631
Mean 1.362
RMS 0.6963
size [# of strips]

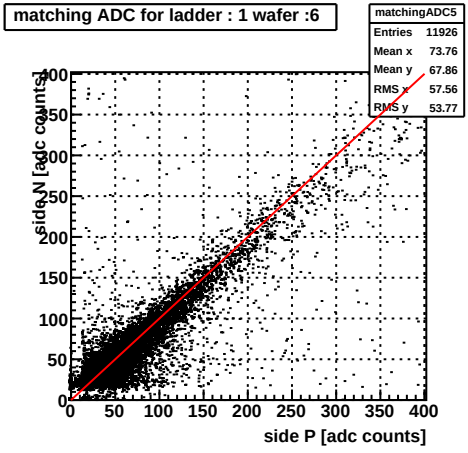

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 14528
Mean x 75.72
Mean y 64.18
RMS x 56.8
RMS y 51.22
side N [adc counts]
side P [adc counts]

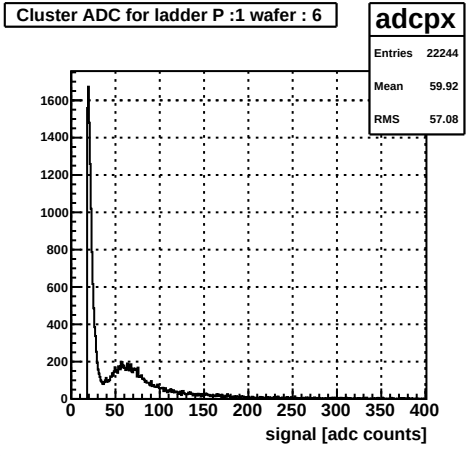

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 28925
Mean 65.01
RMS 60.5
signal [adc counts]

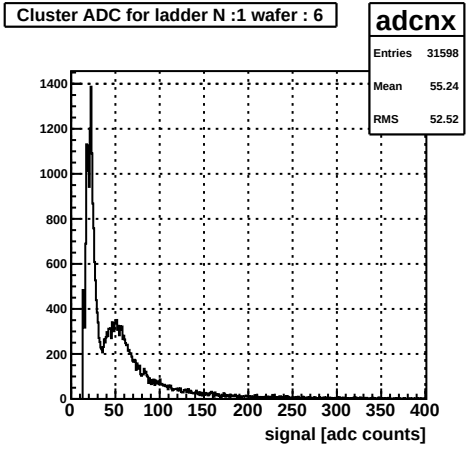

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 23631
Mean 54.18
RMS 47.26
signal [adc counts]

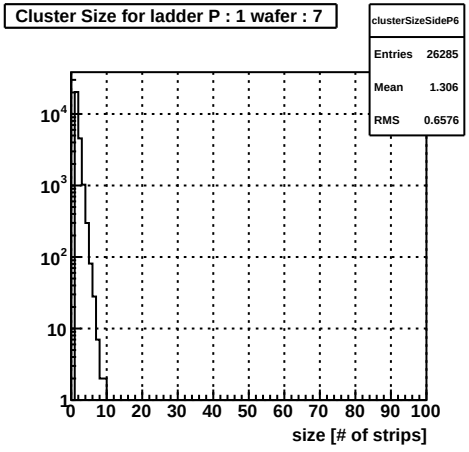

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 22244
Mean 1.26
RMS 0.5802
size [# of strips]

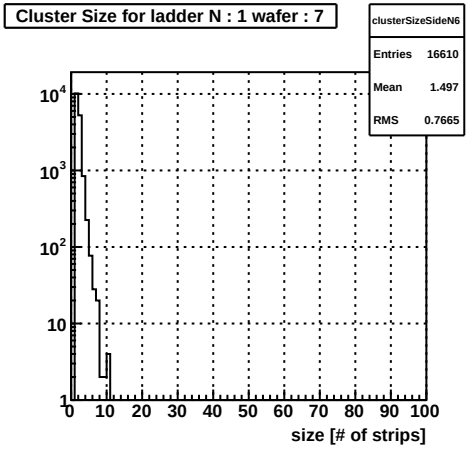

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 31598
Mean 1.371
RMS 0.7157
size [# of strips]

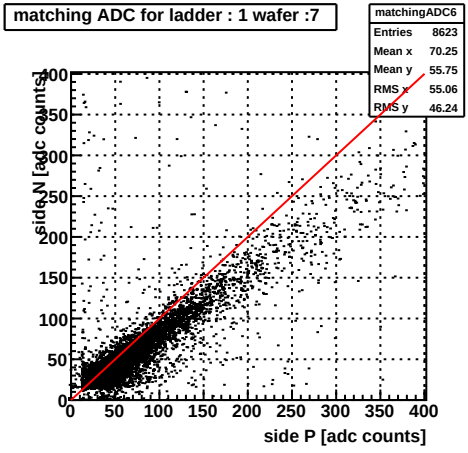

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 11926
Mean x 73.76
Mean y 67.86
RMS x 57.56
RMS y 53.77
side N [adc counts]
side P [adc counts]

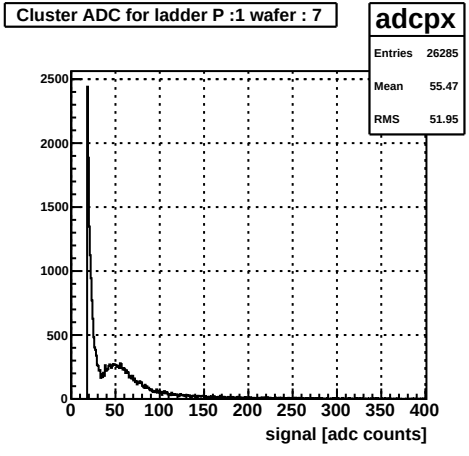

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 22244
Mean 59.92
RMS 57.08
signal [adc counts]

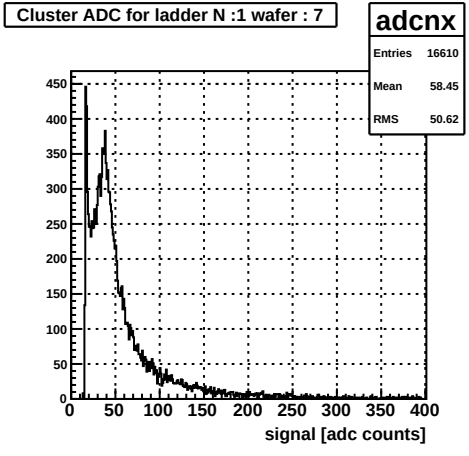

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 31598
Mean 55.24
RMS 52.52
signal [adc counts]

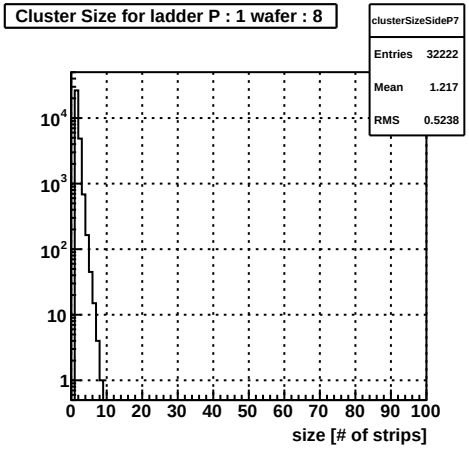

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 26285
Mean 1.306
RMS 0.6576
size [# of strips]

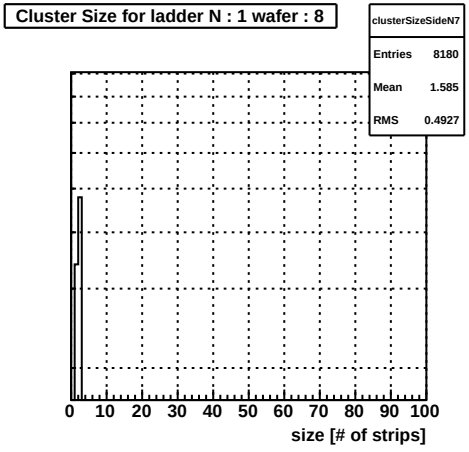

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 16610
Mean 1.497
RMS 0.7665
size [# of strips]

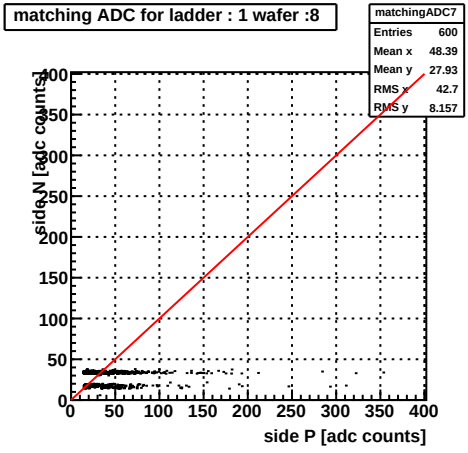

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 8623
Mean x 70.25
Mean y 55.75
RMS x 55.06
RMS y 46.24
side N [adc counts]
side P [adc counts]

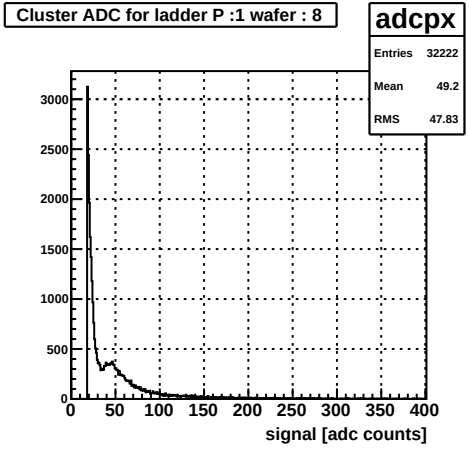

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 26285
Mean 55.47
RMS 51.95
signal [adc counts]

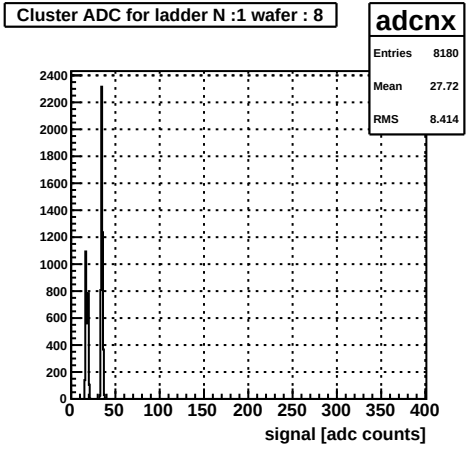

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 16610
Mean 58.45
RMS 50.62
signal [adc counts]

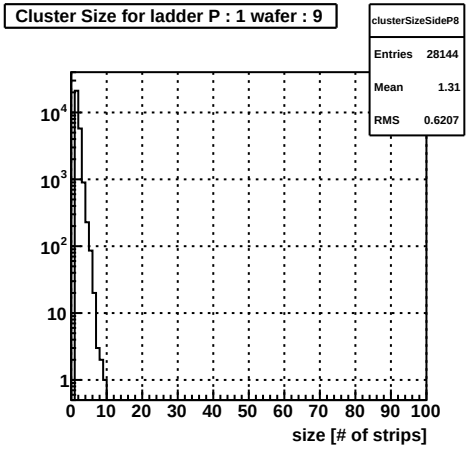

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 32222
Mean 1.217
RMS 0.5238
size [# of strips]

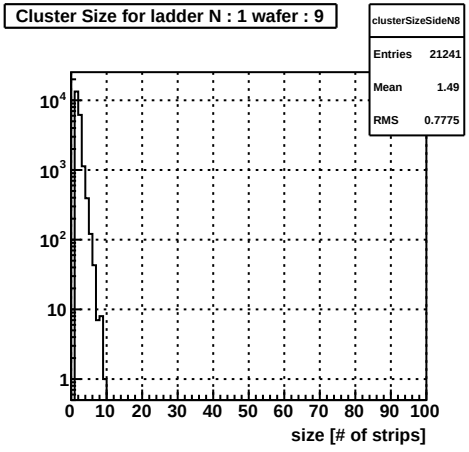

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8180
Mean 1.585
RMS 0.4927
size [# of strips]

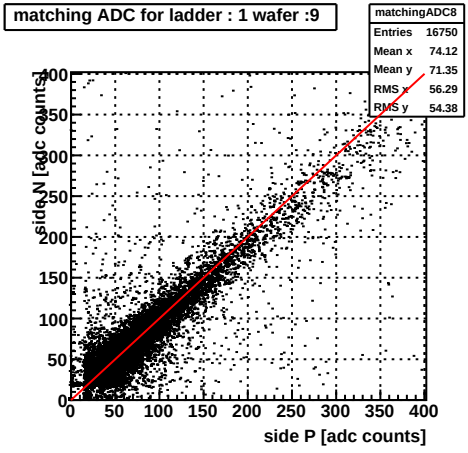

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 600
Mean x 48.39
Mean y 27.93
RMS x 42.7
RMS y 8.157
side N [adc counts]
side P [adc counts]

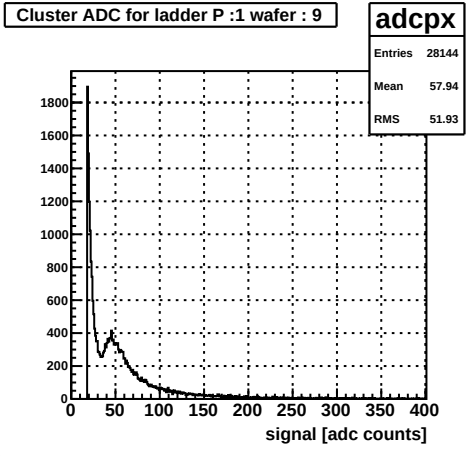

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 32222
Mean 49.2
RMS 47.83
signal [adc counts]

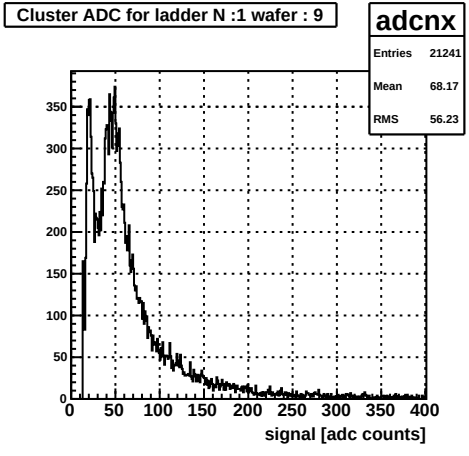

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8180
Mean 27.72
RMS 8.414
signal [adc counts]

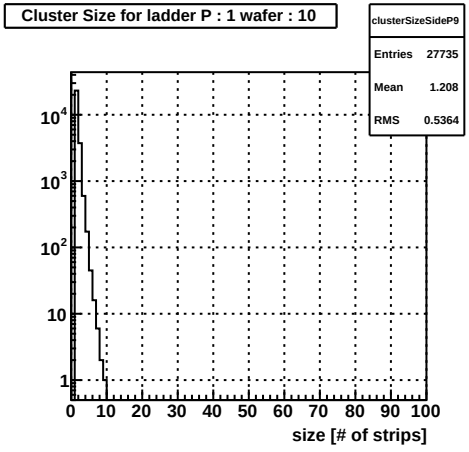

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 28144
Mean 1.31
RMS 0.6207
size [# of strips]

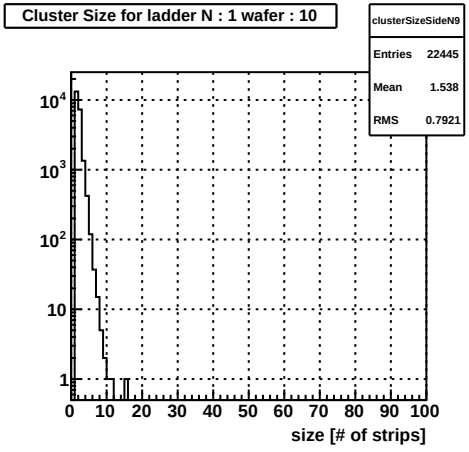

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 21241
Mean 1.49
RMS 0.7775
size [# of strips]

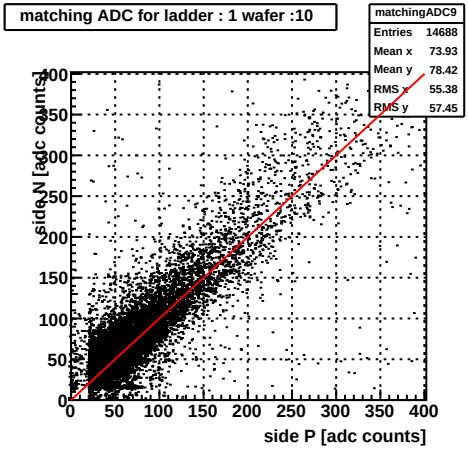

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 16750
Mean x 74.12
Mean y 71.35
RMS x 56.29
RMS y 54.38
side N [adc counts]
side P [adc counts]

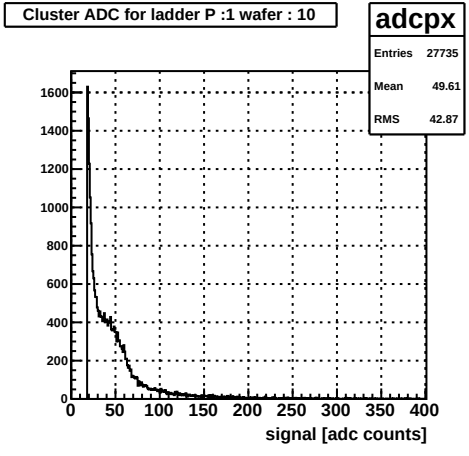

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 28144
Mean 57.94
RMS 51.93
signal [adc counts]

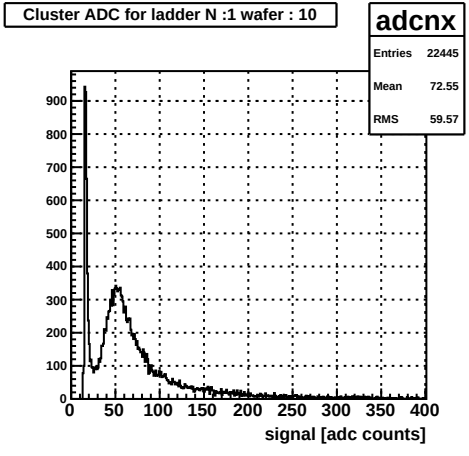

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 21241
Mean 68.17
RMS 56.23
signal [adc counts]

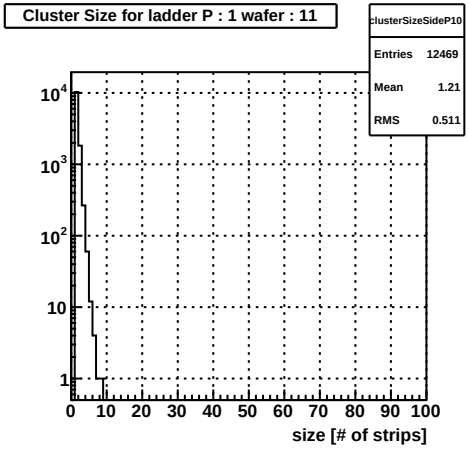

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 27735
Mean 1.208
RMS 0.5364
size [# of strips]

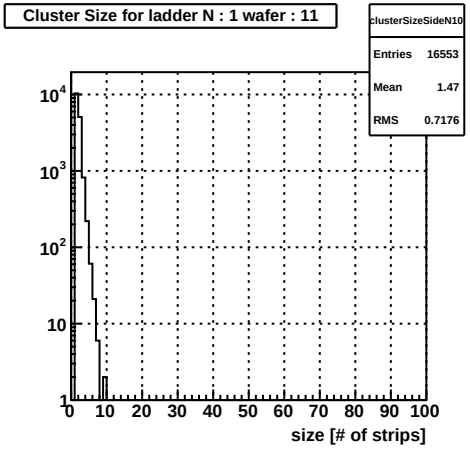

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 22445
Mean 1.538
RMS 0.7921
size [# of strips]

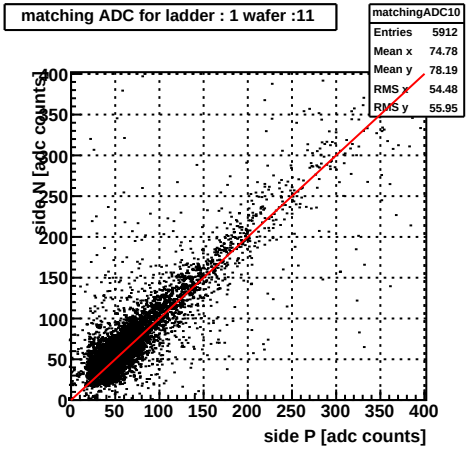

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 14688
Mean x 73.93
Mean y 78.42
RMS x 55.38
RMS y 57.45
side N [adc counts]
side P [adc counts]

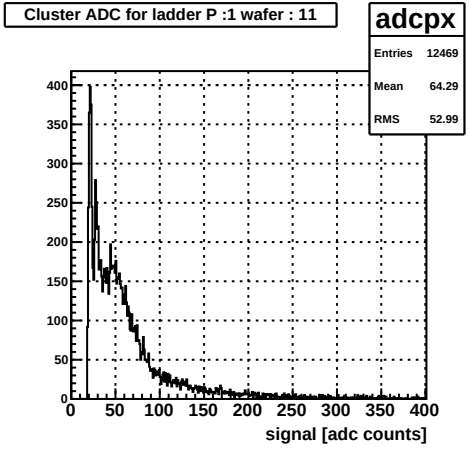

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 27735
Mean 49.61
RMS 42.87
signal [adc counts]

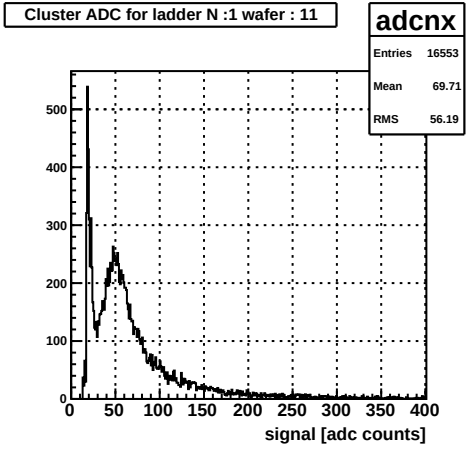

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 22445
Mean 72.55
RMS 59.57
signal [adc counts]

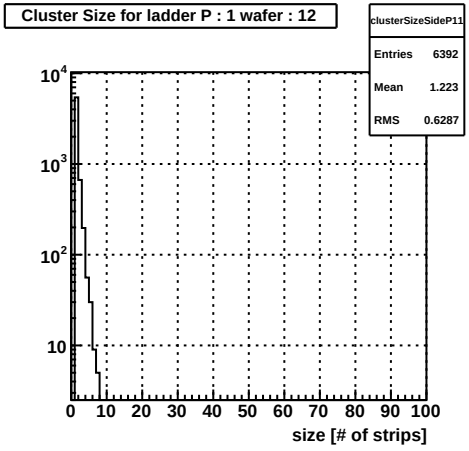

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 12469
Mean 1.21
RMS 0.511
size [# of strips]

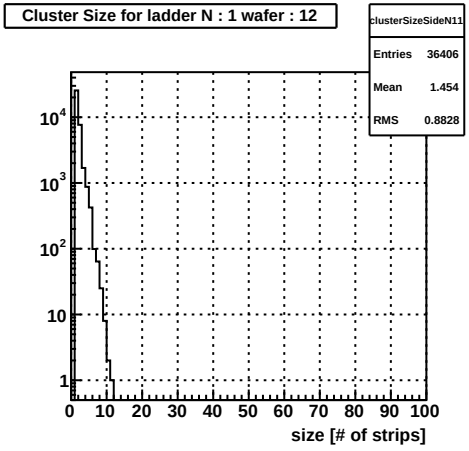

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 16553
Mean 1.47
RMS 0.7176
size [# of strips]

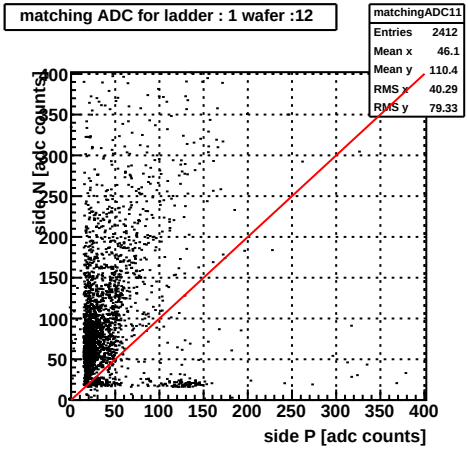

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 5912
Mean x 74.78
Mean y 78.19
RMS x 54.48
RMS y 55.95
side N [adc counts]
side P [adc counts]

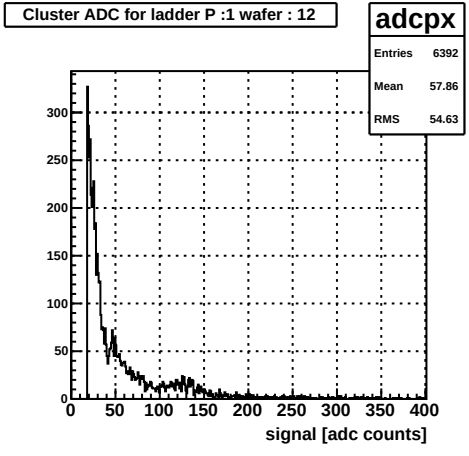

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 12469
Mean 64.29
RMS 52.99
signal [adc counts]

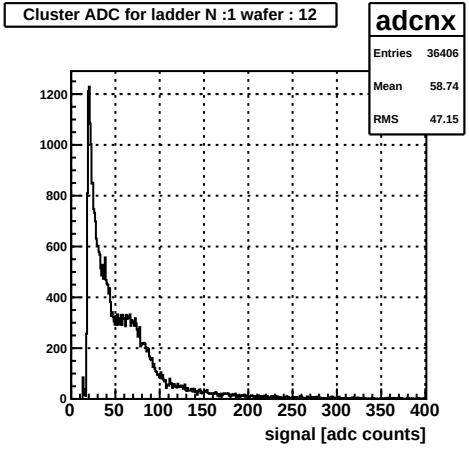

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 16553
Mean 69.71
RMS 56.19
signal [adc counts]

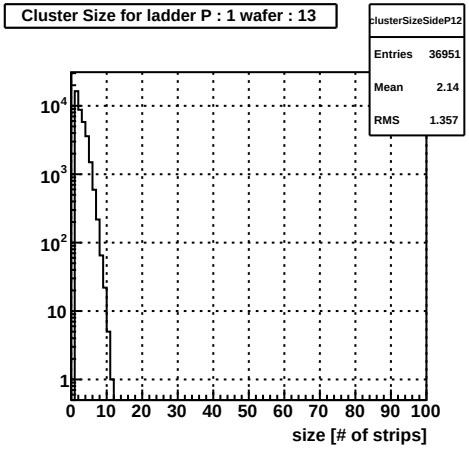

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 6392
Mean 1.223
RMS 0.6287
size [# of strips]

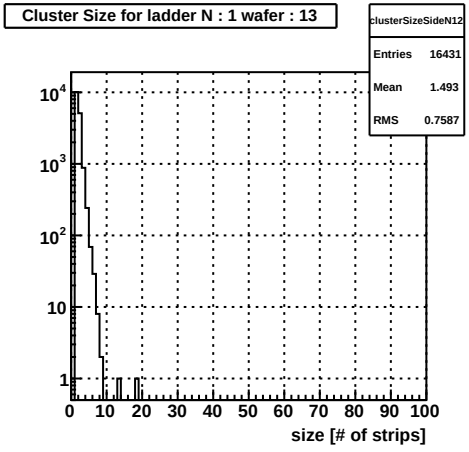

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 36406
Mean 1.454
RMS 0.8828
size [# of strips]

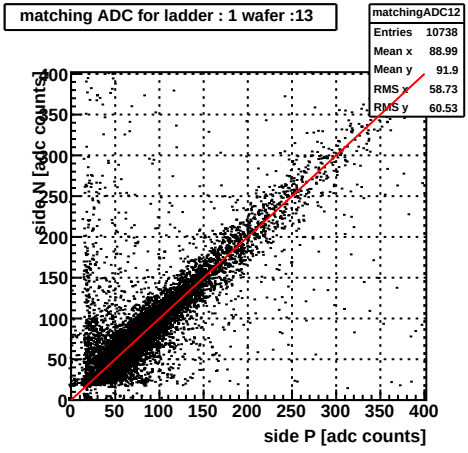

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2412
Mean x 46.1
Mean y 110.4
RMS x 40.29
RMS y 79.33
side N [adc counts]
side P [adc counts]

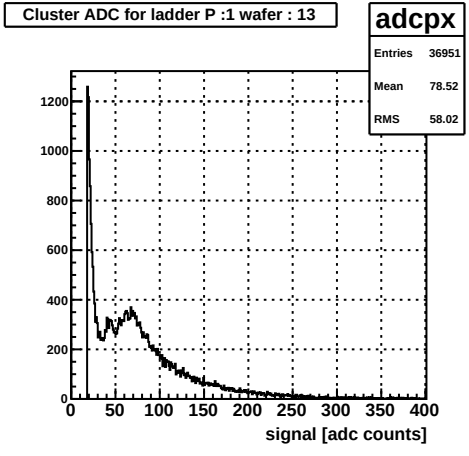

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 6392
Mean 57.86
RMS 54.63
signal [adc counts]

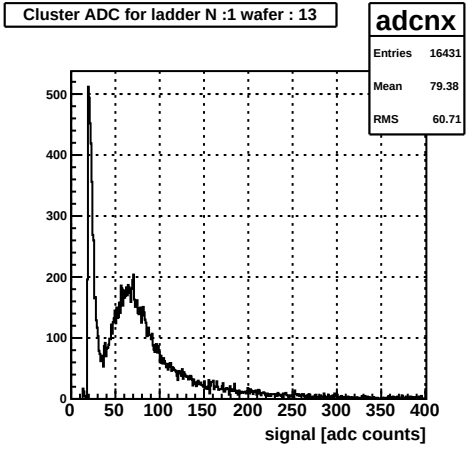

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 36406
Mean 58.74
RMS 47.15
signal [adc counts]

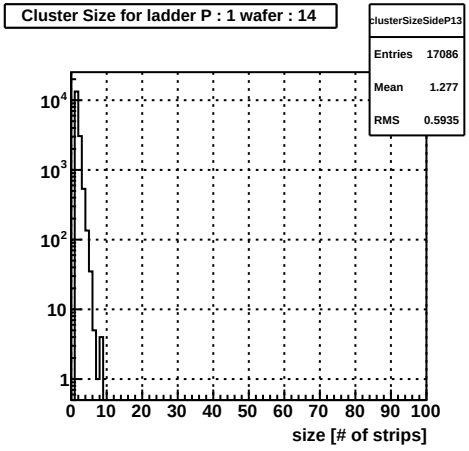

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 36951
Mean 2.14
RMS 1.357
size [# of strips]

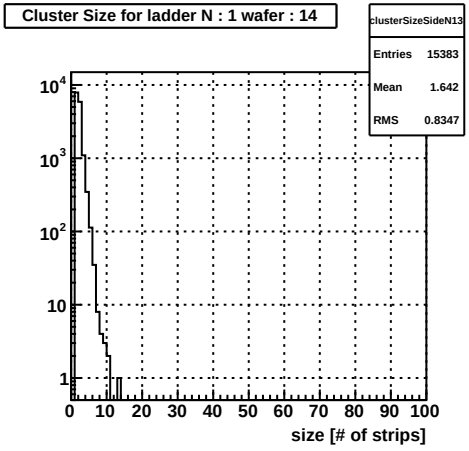

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 16431
Mean 1.493
RMS 0.7587
size [# of strips]

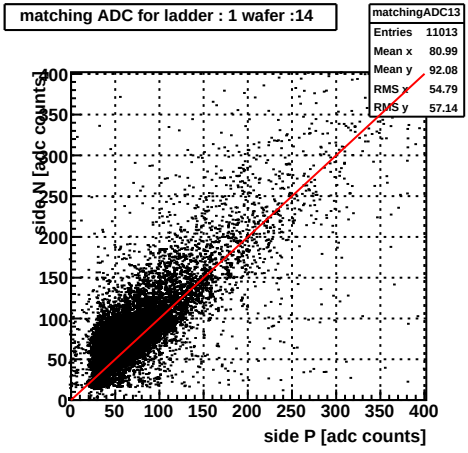

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 10738
Mean x 88.99
Mean y 91.9
RMS x 58.73
RMS y 60.53
side N [adc counts]
side P [adc counts]

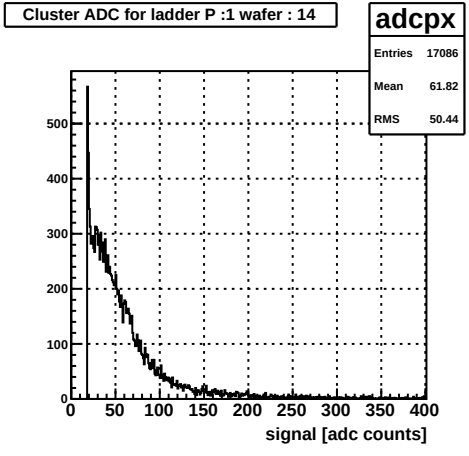

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 36951
Mean 78.52
RMS 58.02
signal [adc counts]

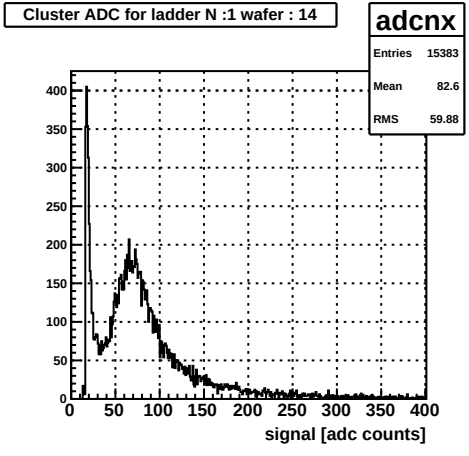

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 16431
Mean 79.38
RMS 60.71
signal [adc counts]

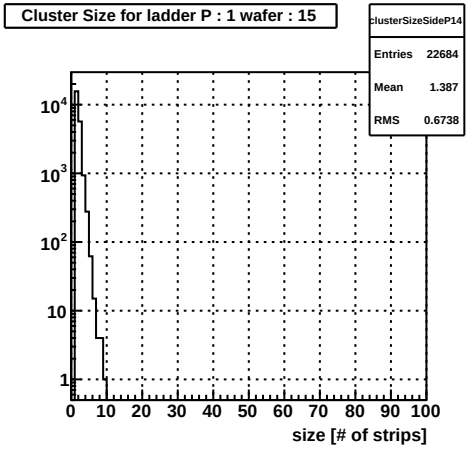

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 17086
Mean 1.277
RMS 0.5935
size [# of strips]

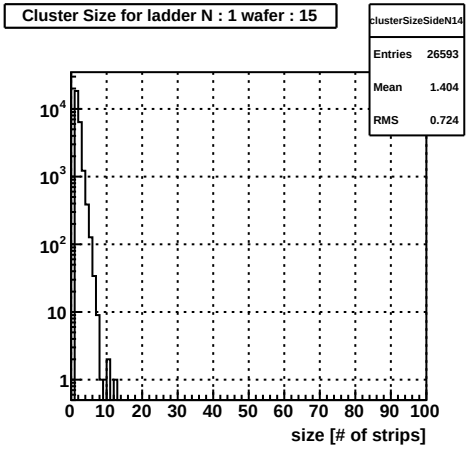

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 15383
Mean 1.642
RMS 0.8347
size [# of strips]

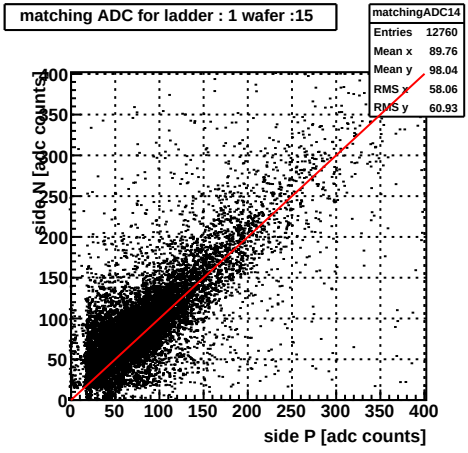

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 11013
Mean x 80.99
Mean y 92.08
RMS x 54.79
RMS y 57.14
side N [adc counts]
side P [adc counts]

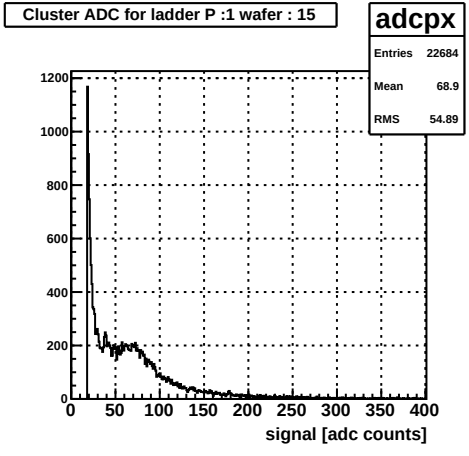

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 17086
Mean 61.82
RMS 50.44
signal [adc counts]

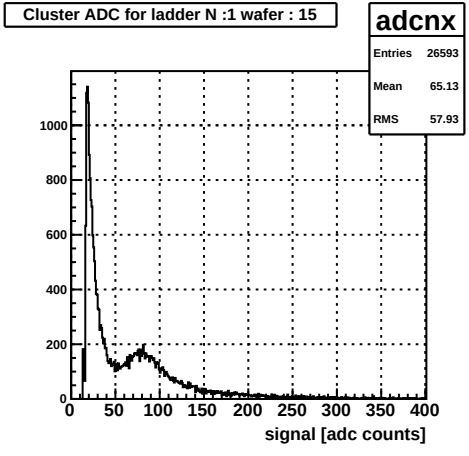

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 15383
Mean 82.6
RMS 59.88
signal [adc counts]

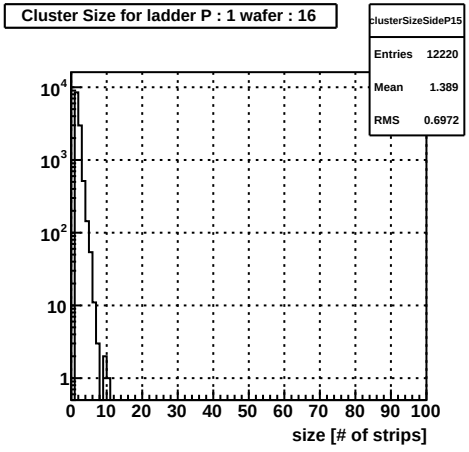

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 22684
Mean 1.387
RMS 0.6738
size [# of strips]

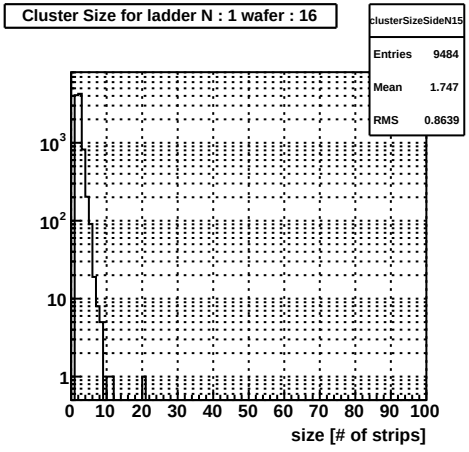

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 26593
Mean 1.404
RMS 0.724
size [# of strips]

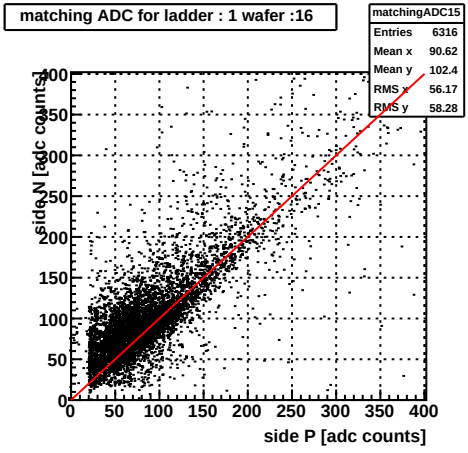

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 12760
Mean x 89.76
Mean y 98.04
RMS x 58.06
RMS y 60.93
side N [adc counts]
side P [adc counts]

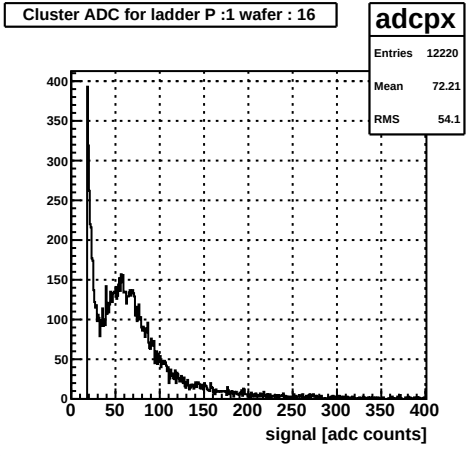

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 22684
Mean 68.9
RMS 54.89
signal [adc counts]

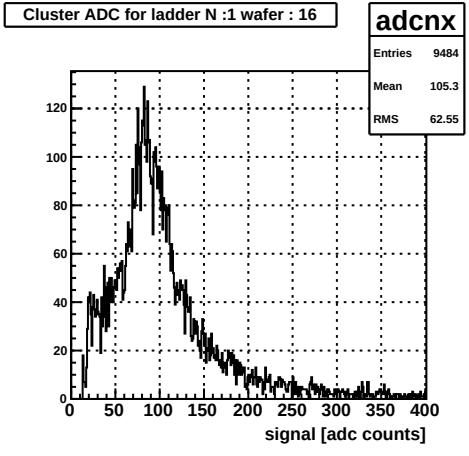

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 26593
Mean 65.13
RMS 57.93
signal [adc counts]

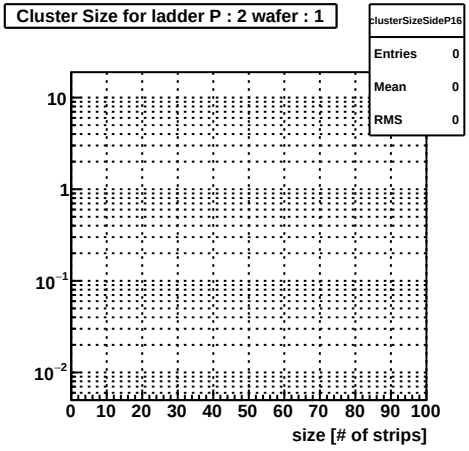

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 12220
Mean 1.389
RMS 0.6972
size [# of strips]

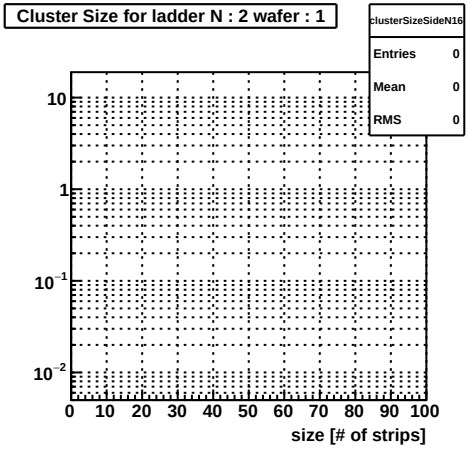

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 9484
Mean 1.747
RMS 0.8639
size [# of strips]

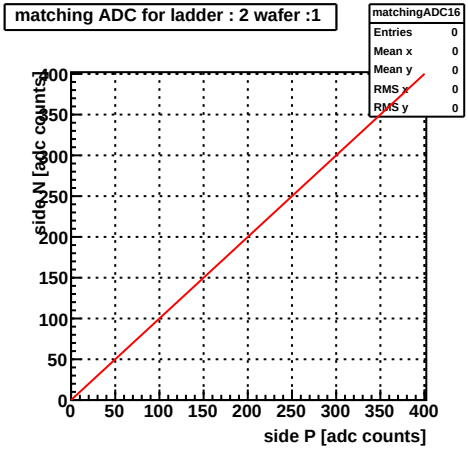

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 6316
Mean x 90.62
Mean y 102.4
RMS x 56.17
RMS y 58.28
side N [adc counts]
side P [adc counts]

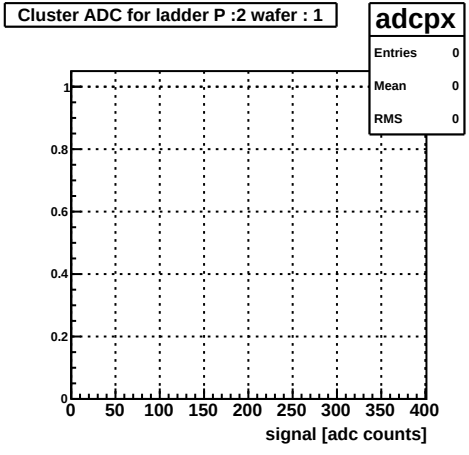

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 12220
Mean 72.21
RMS 54.1
signal [adc counts]

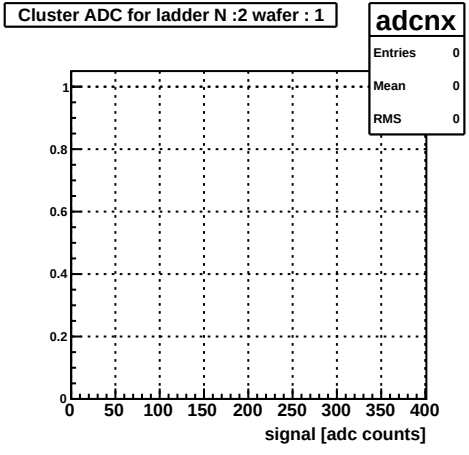

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 9484
Mean 105.3
RMS 62.55
signal [adc counts]

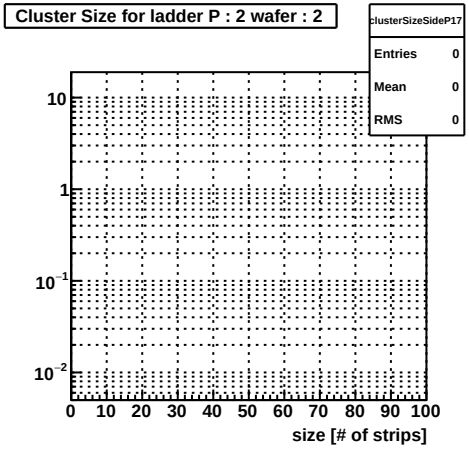

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

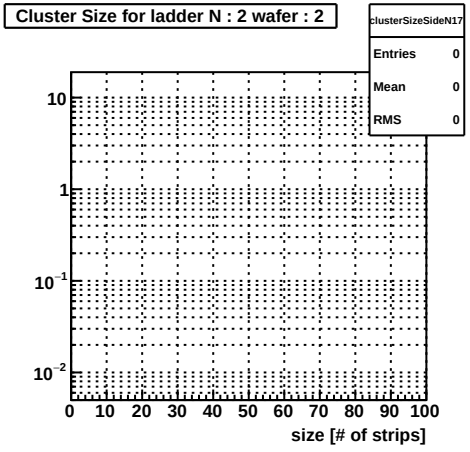

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

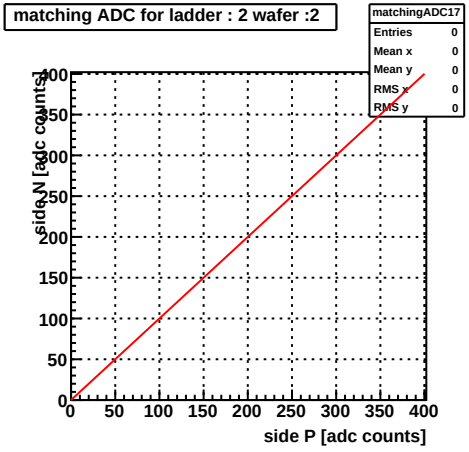

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

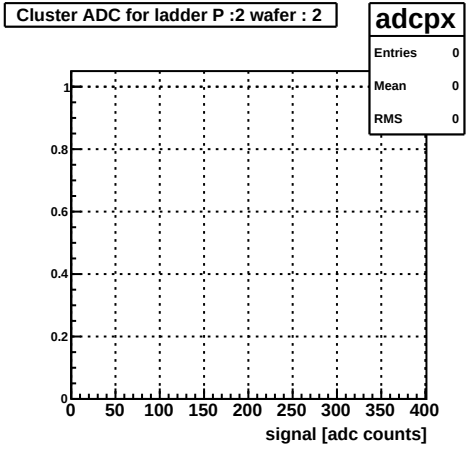

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

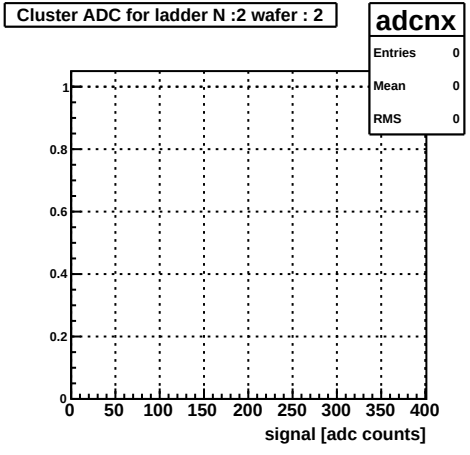

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

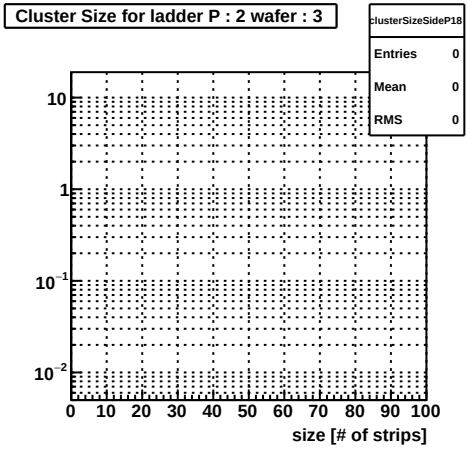

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

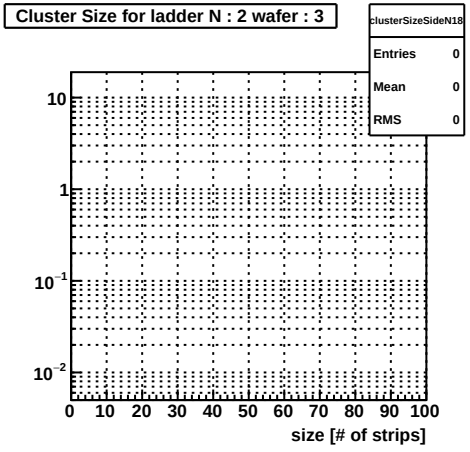

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

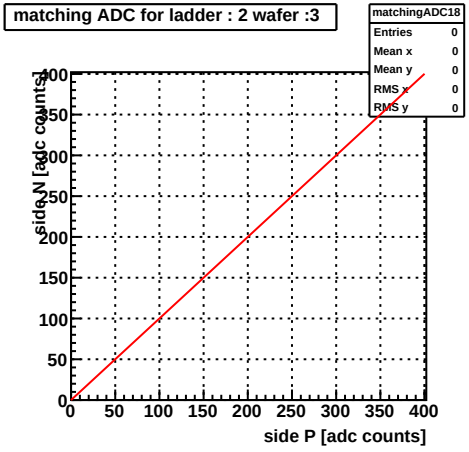

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

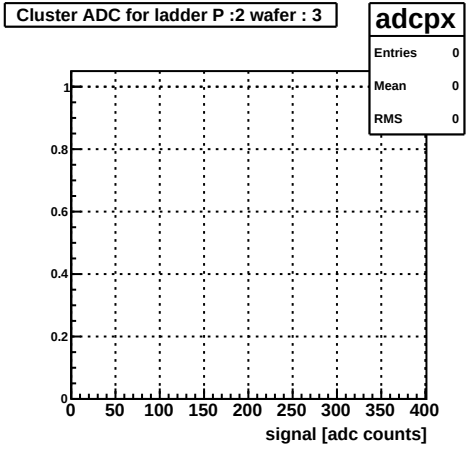

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

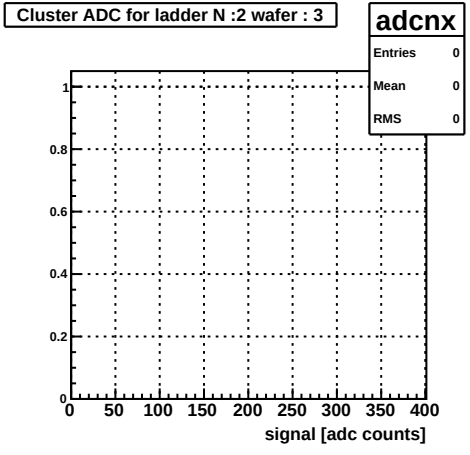

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

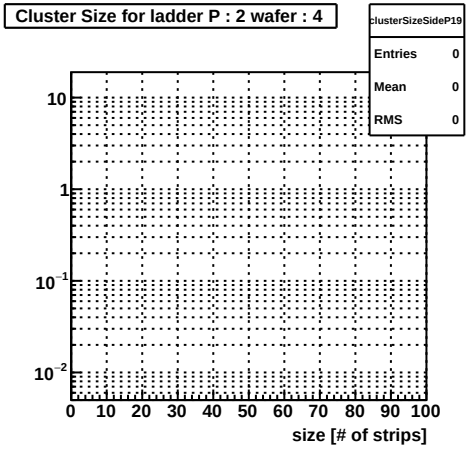

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

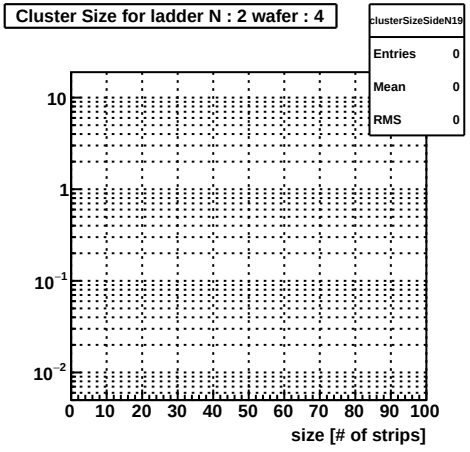

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

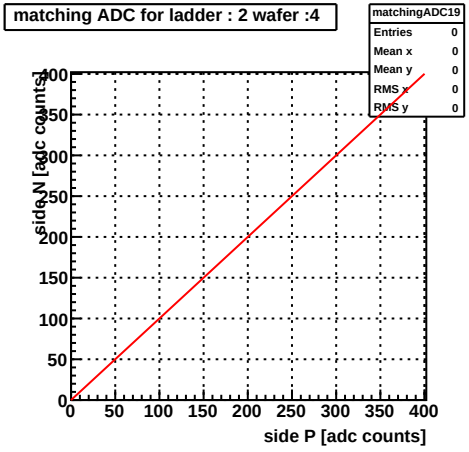

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

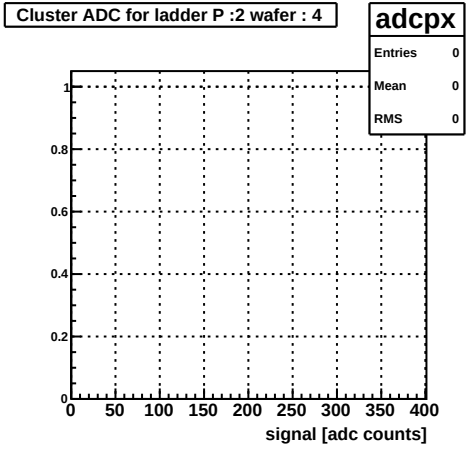

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

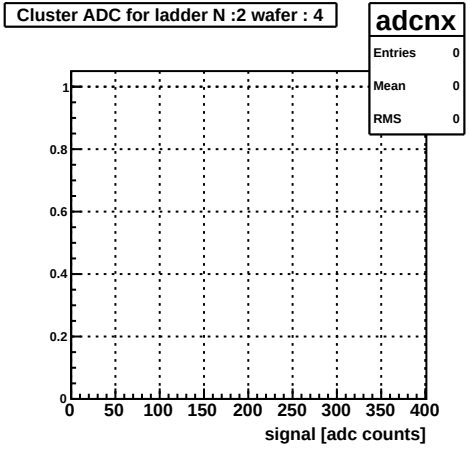

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

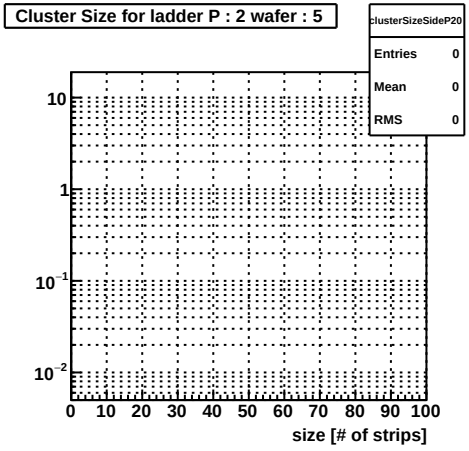

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

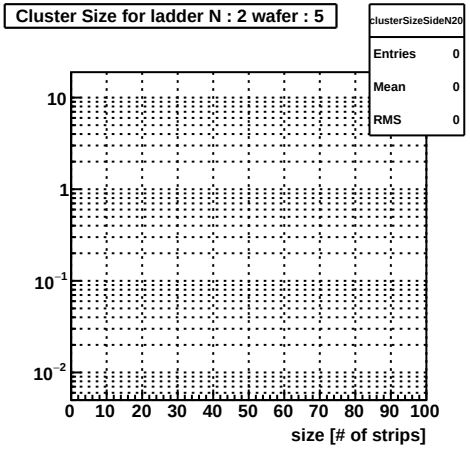

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

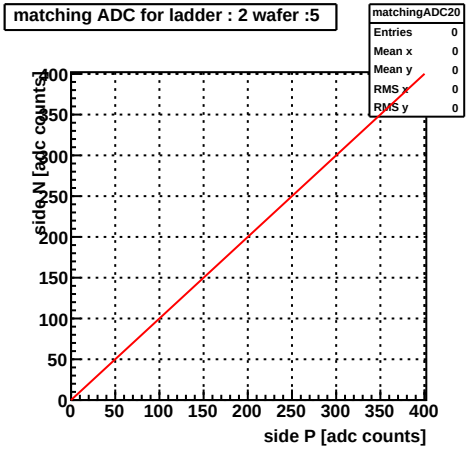

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

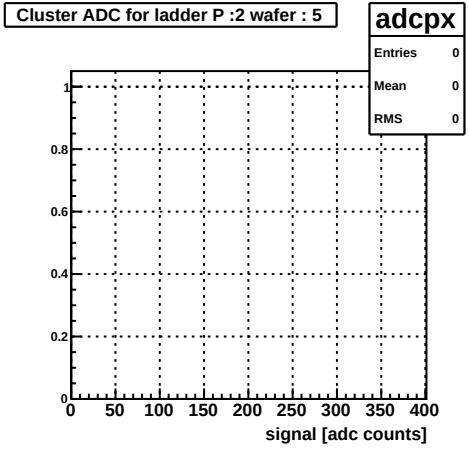

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

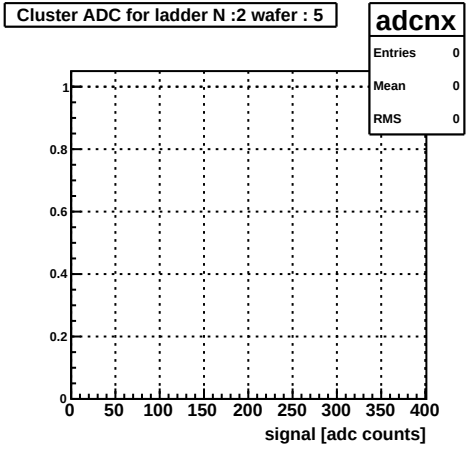

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

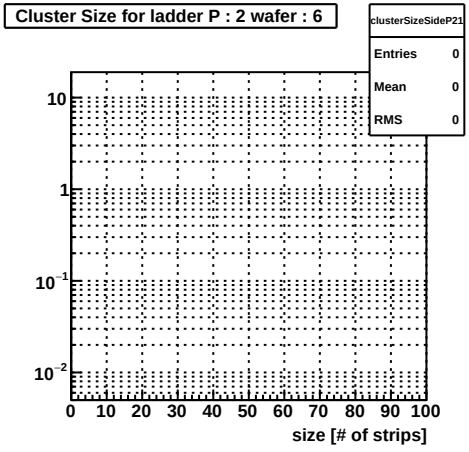

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

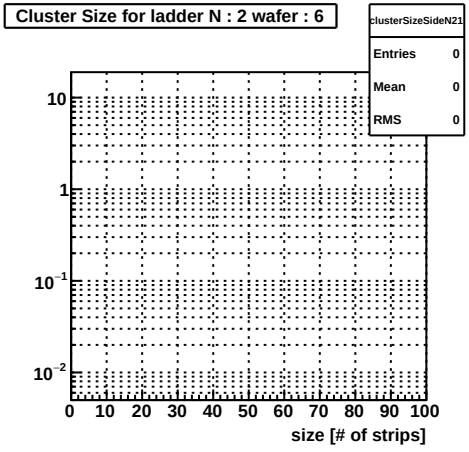

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

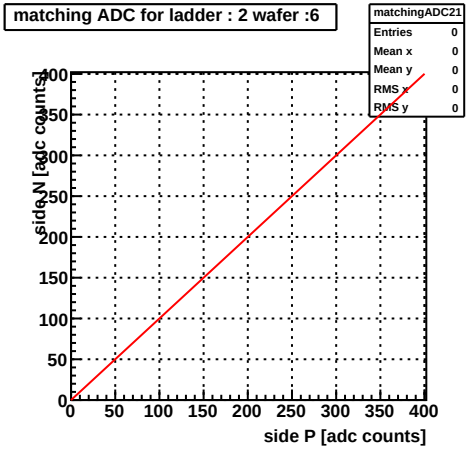

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

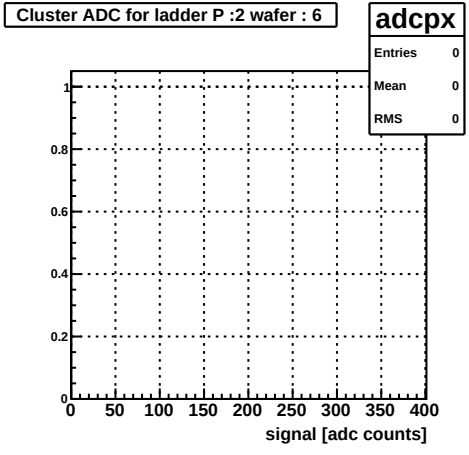

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

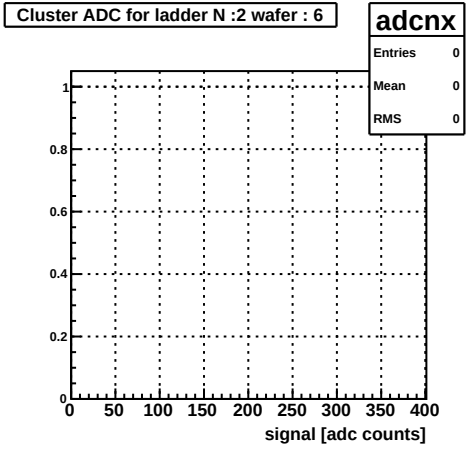

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

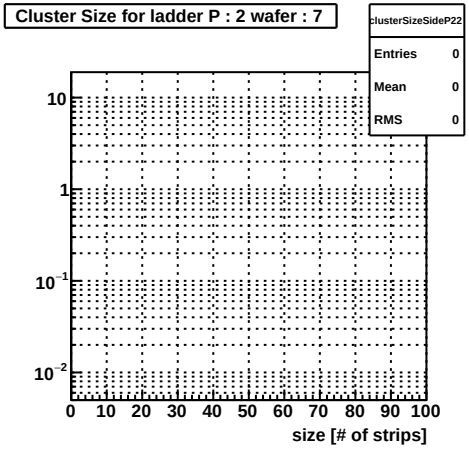

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

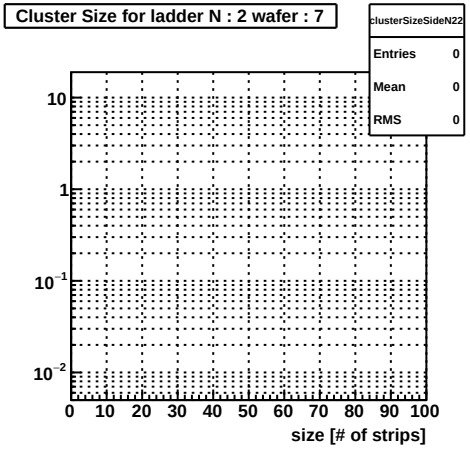

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

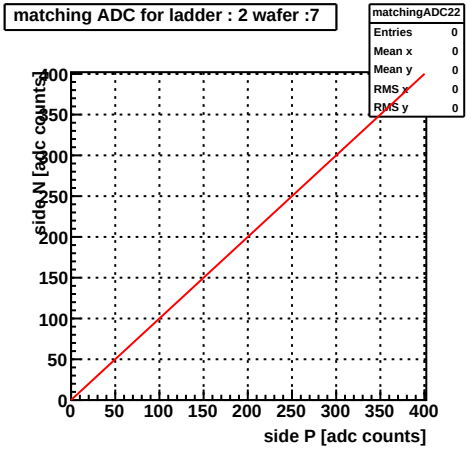

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

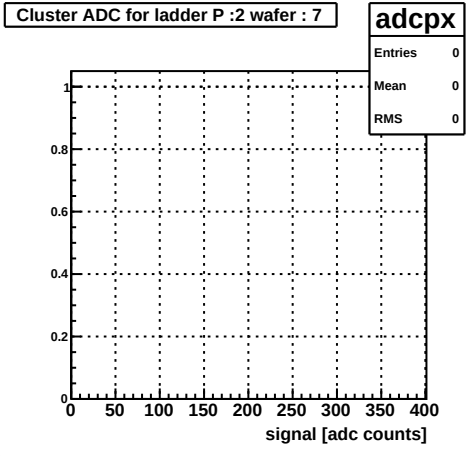

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

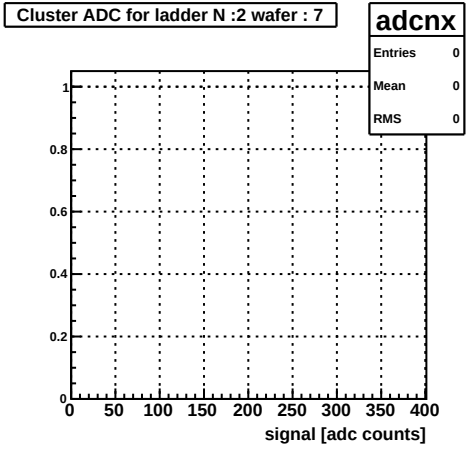

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

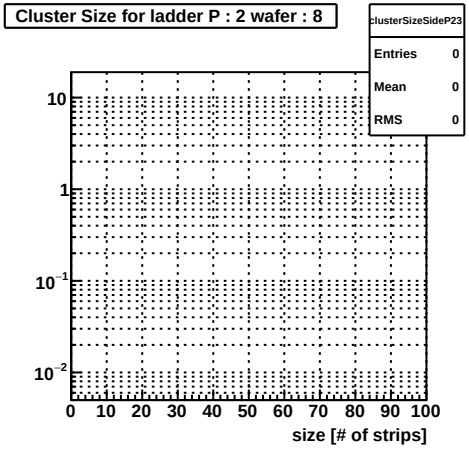

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

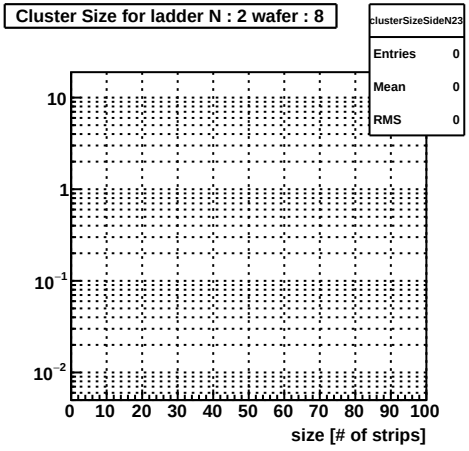

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

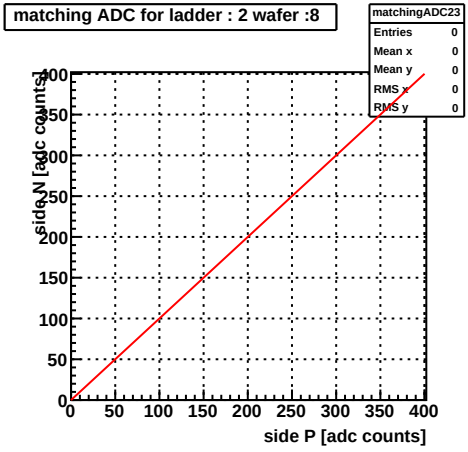

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

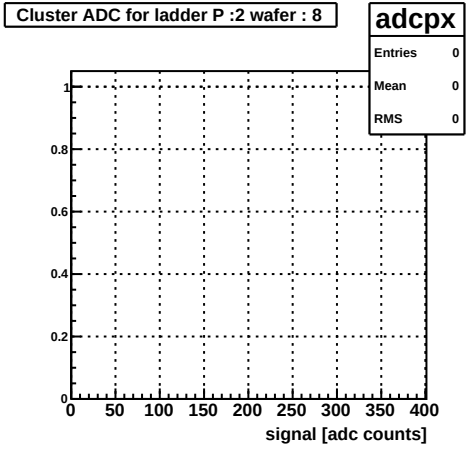

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

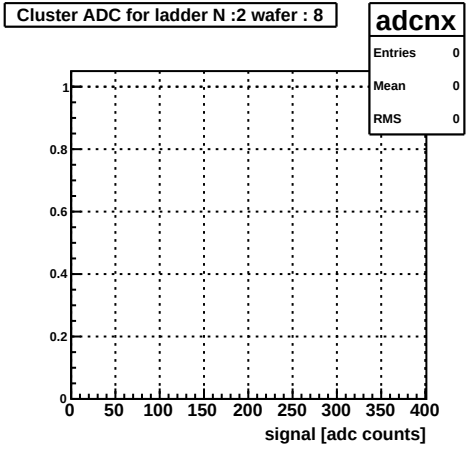

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

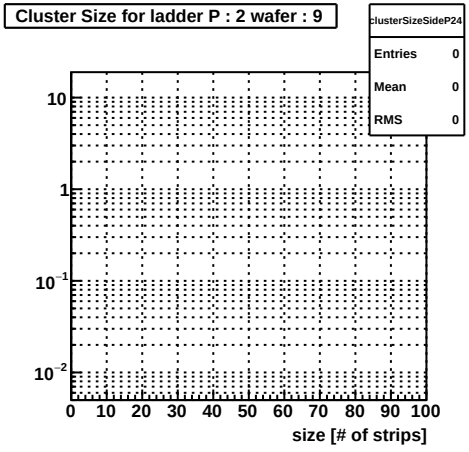

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

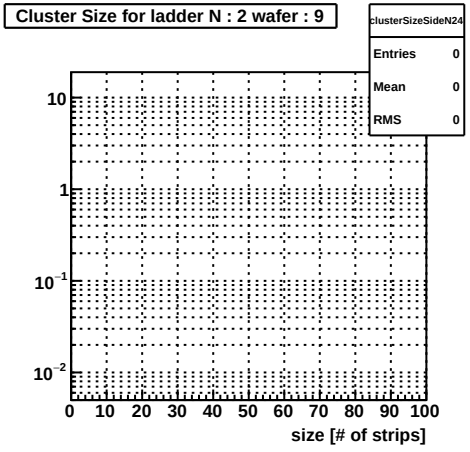

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

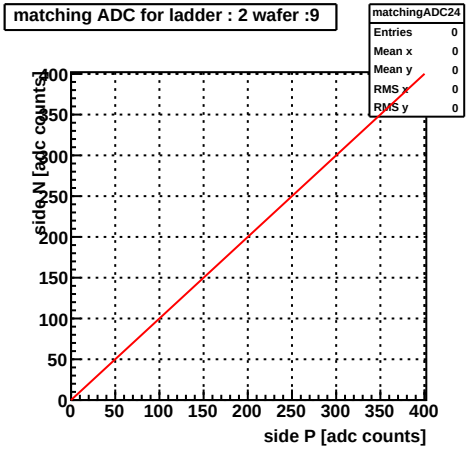

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

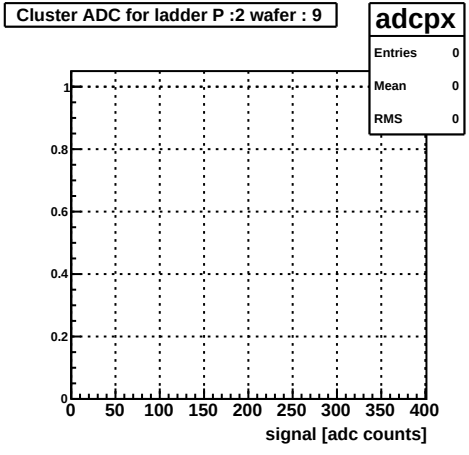

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

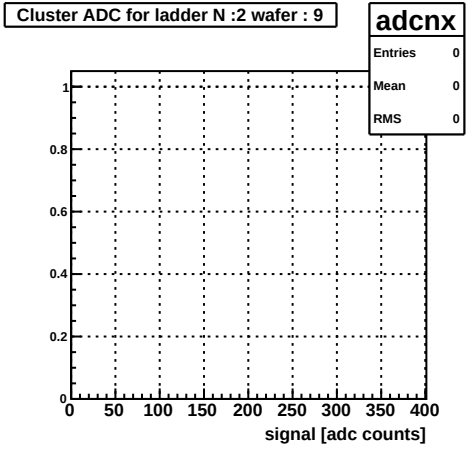

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

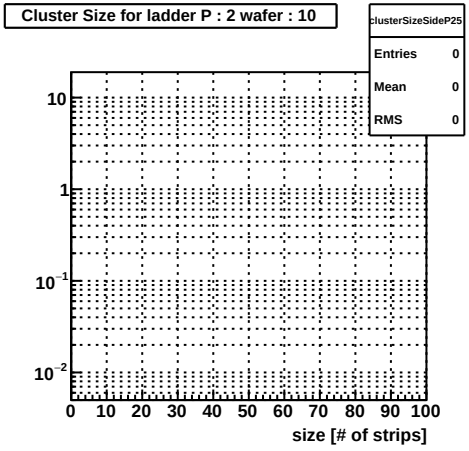

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

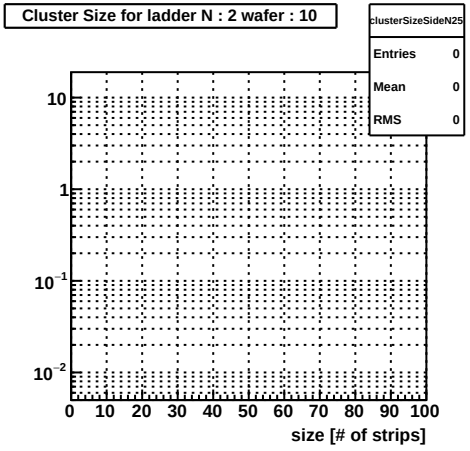

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

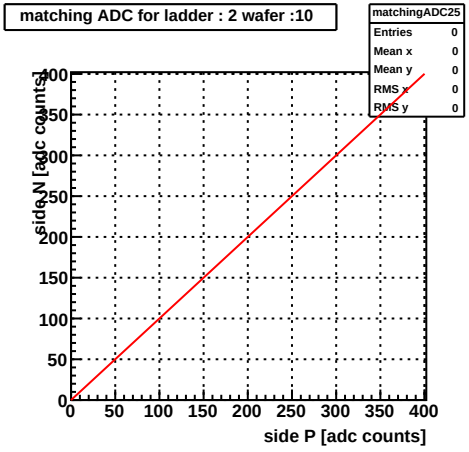

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

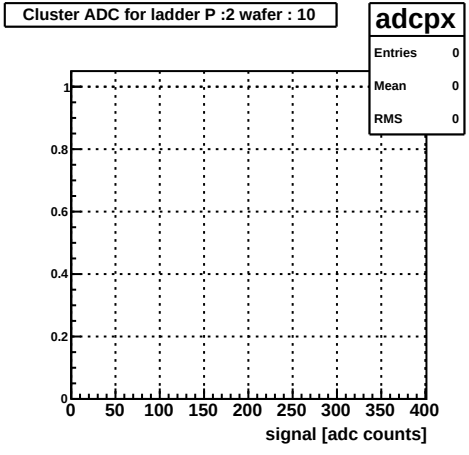

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

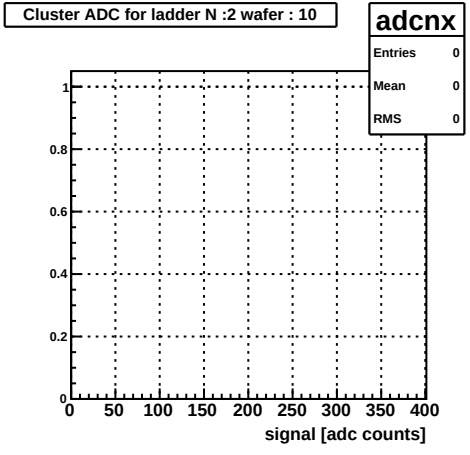

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

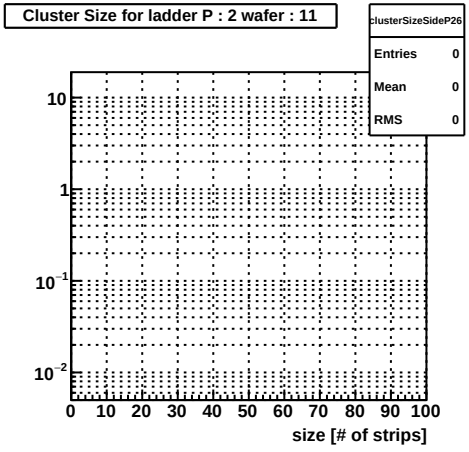

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

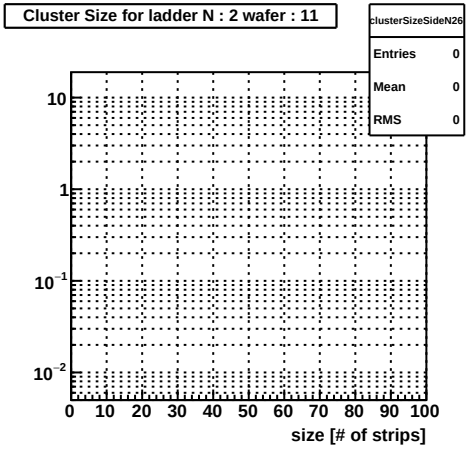

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

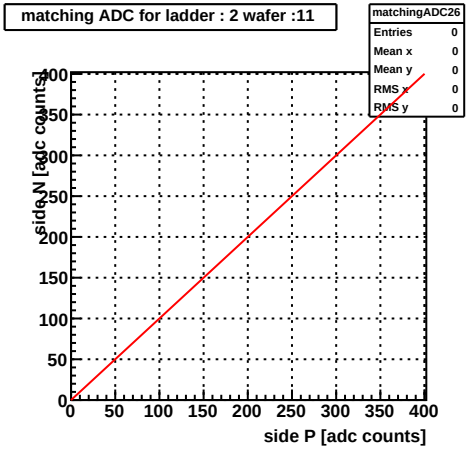

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

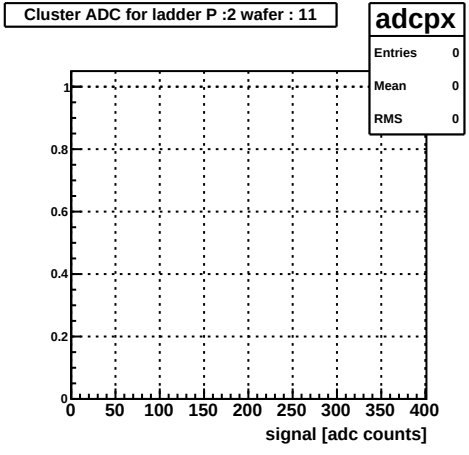

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

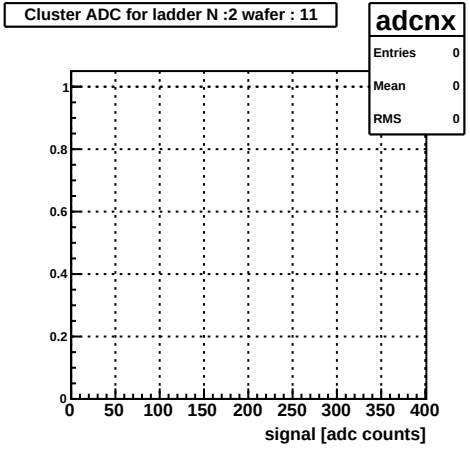

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

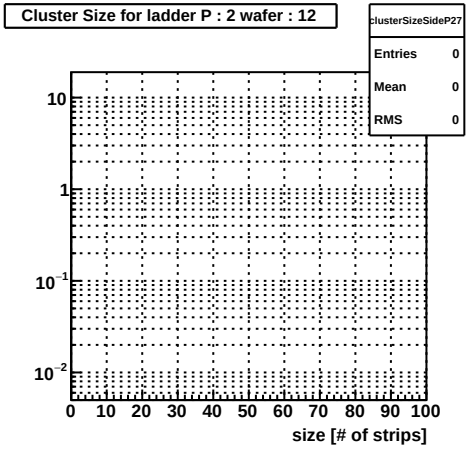

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

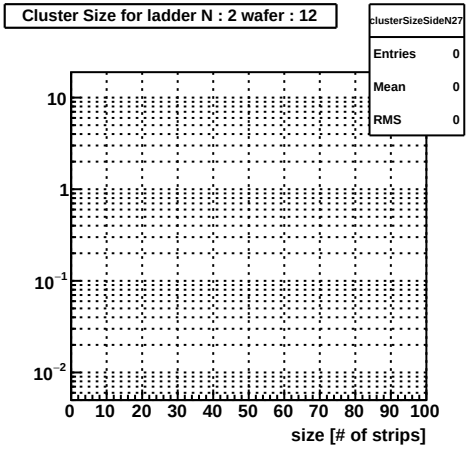

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

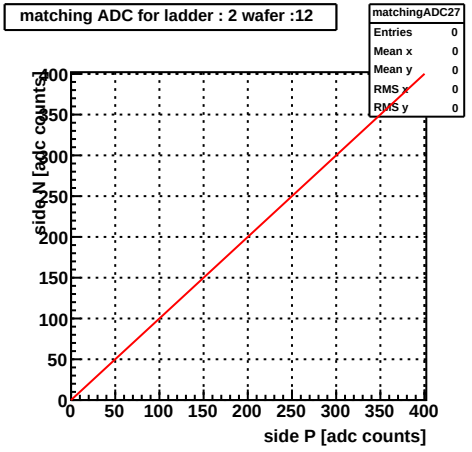

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

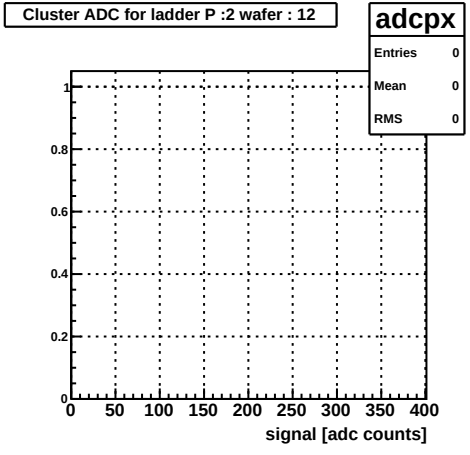

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

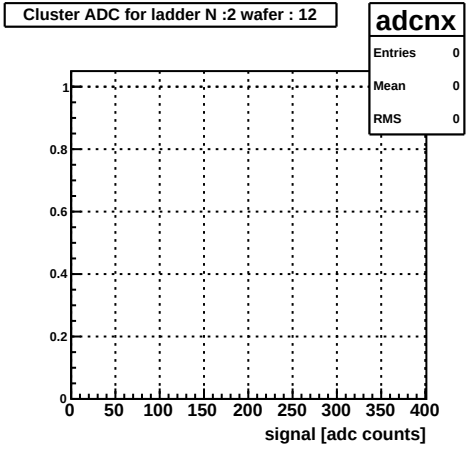

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

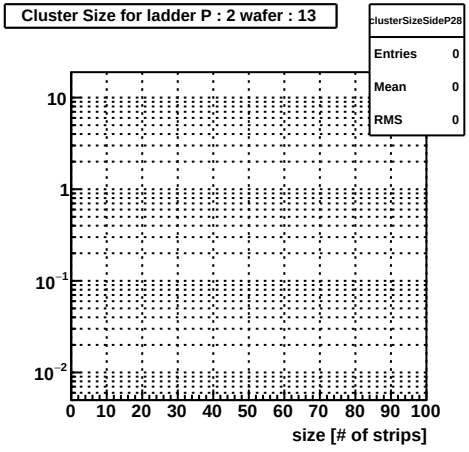

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

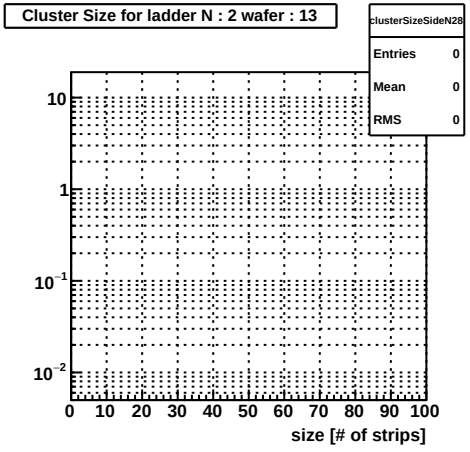

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

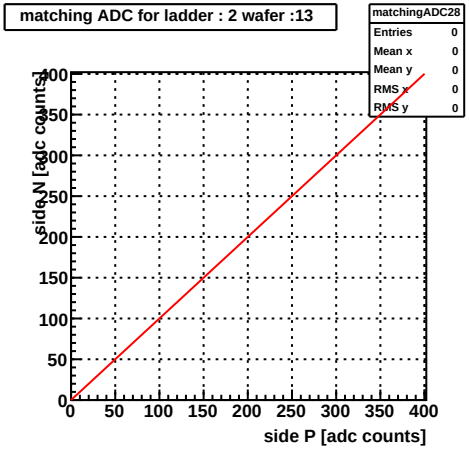

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

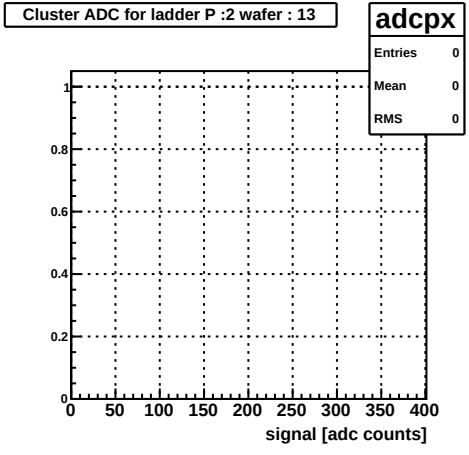

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

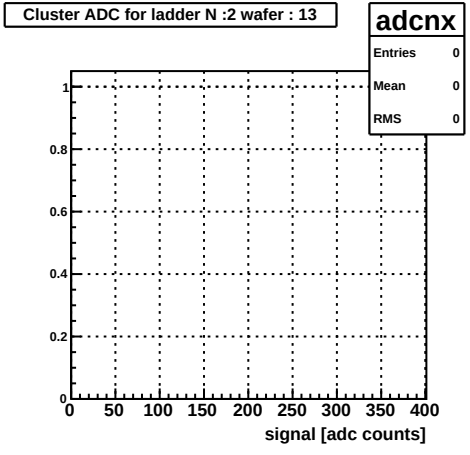

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

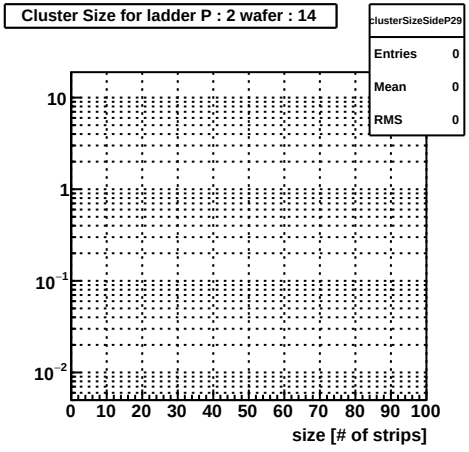

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

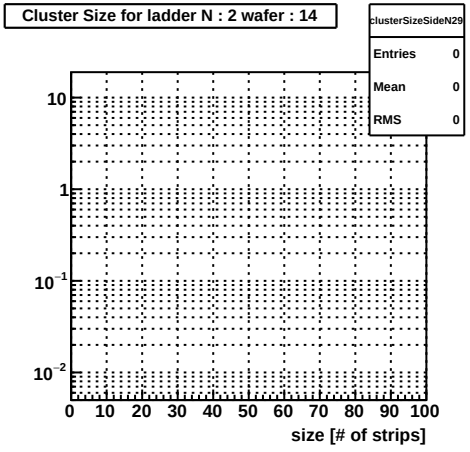

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

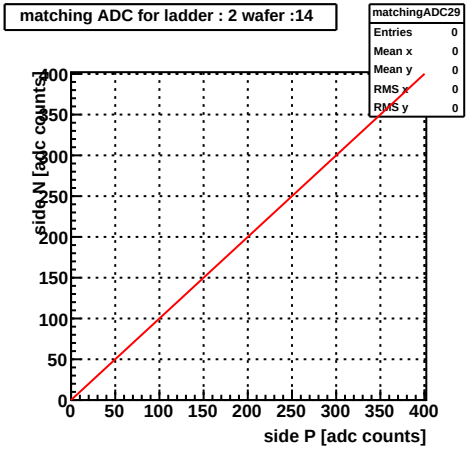

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

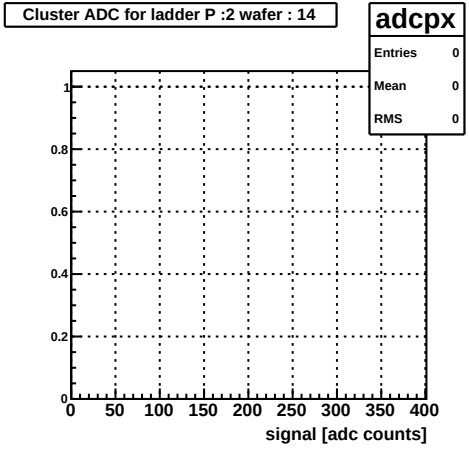

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

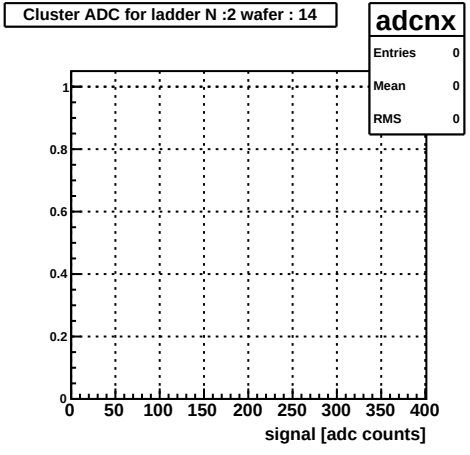

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

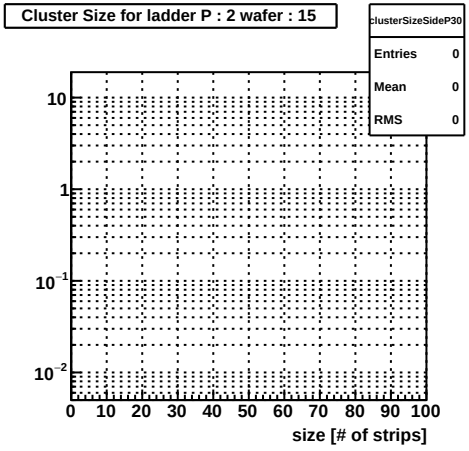

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

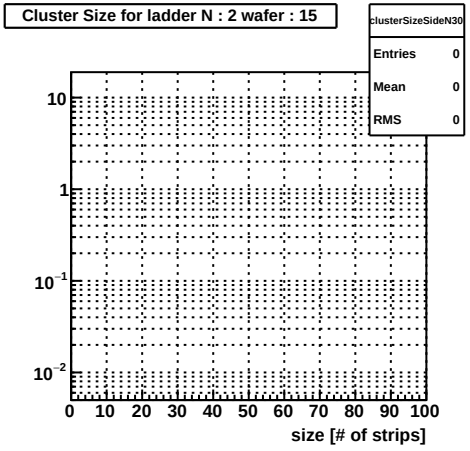

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

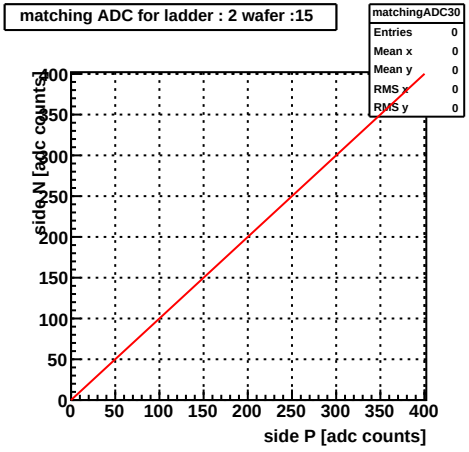

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

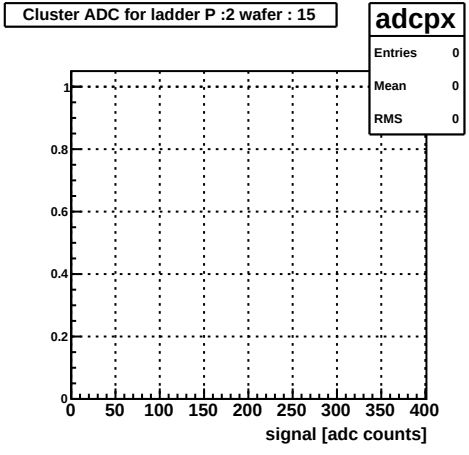

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

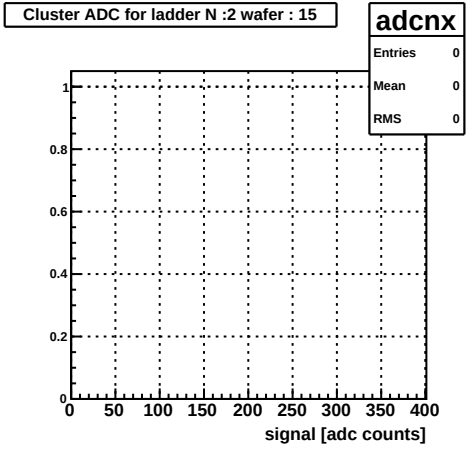

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

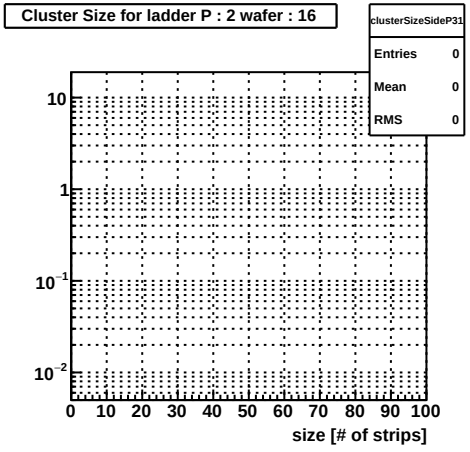

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

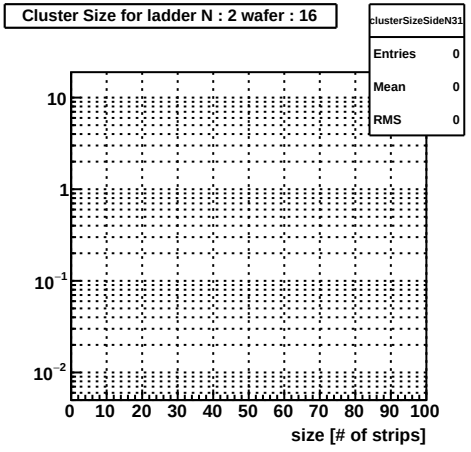

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

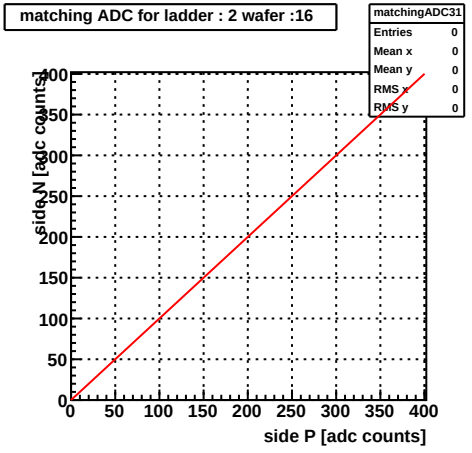

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

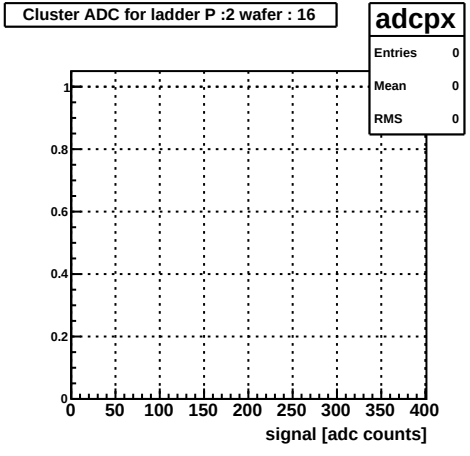

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

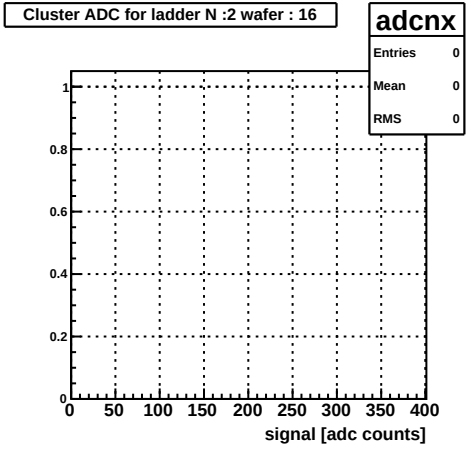

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

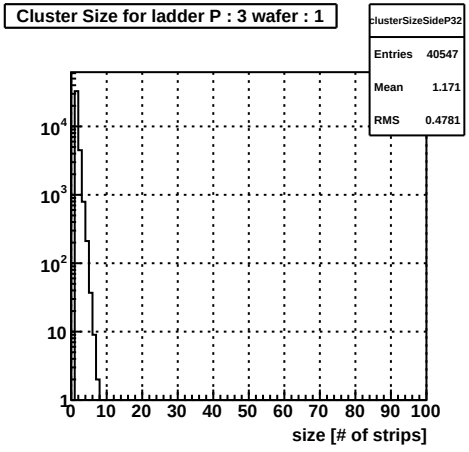

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

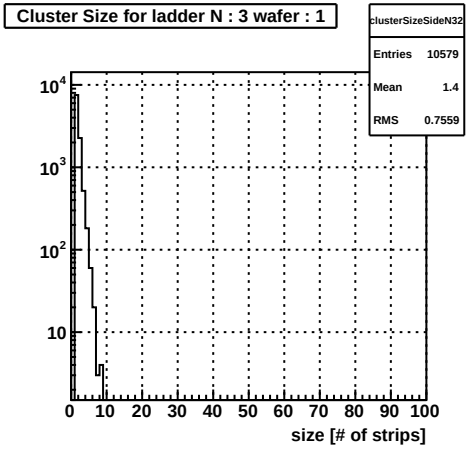

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

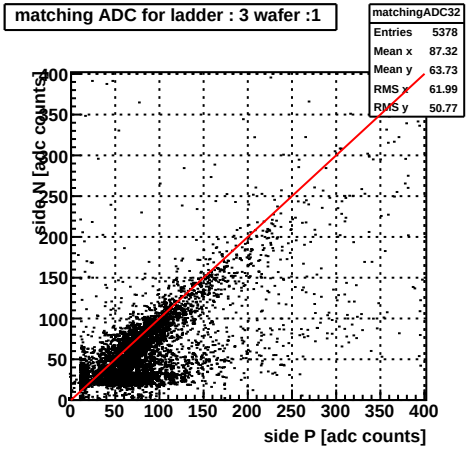

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

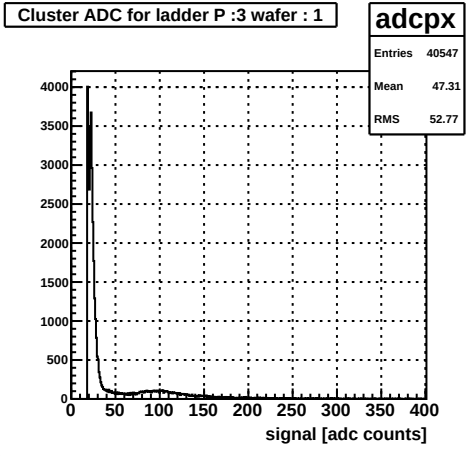

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

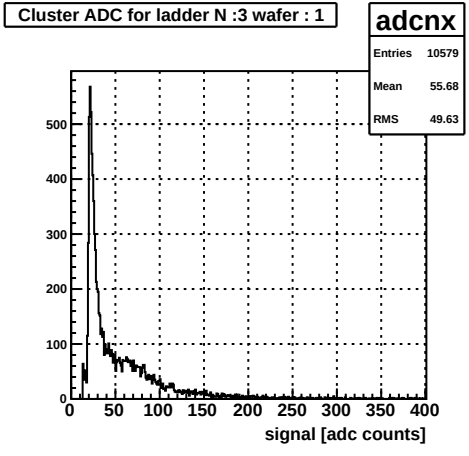

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

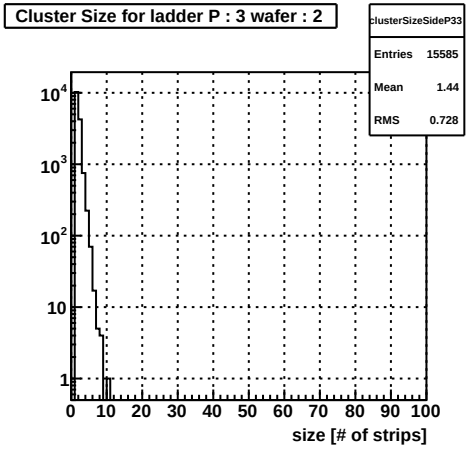

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 40547
Mean 1.171
RMS 0.4781
size [# of strips]

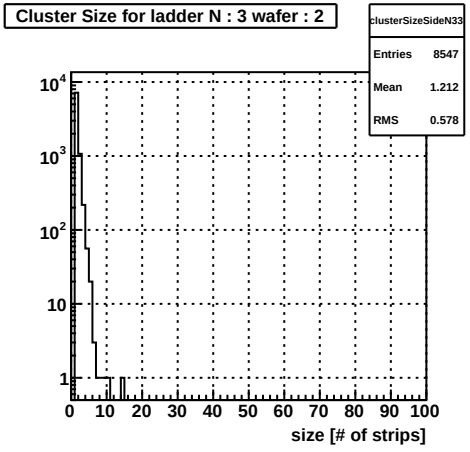

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 10579
Mean 1.4
RMS 0.7559
size [# of strips]

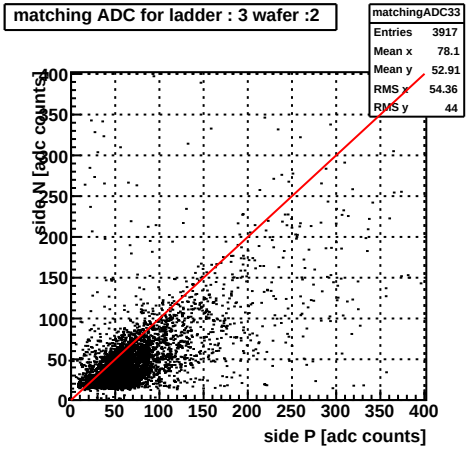

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 5378
Mean x 87.32
Mean y 63.73
RMS x 61.99
RMS y 50.77
side N [adc counts]
side P [adc counts]

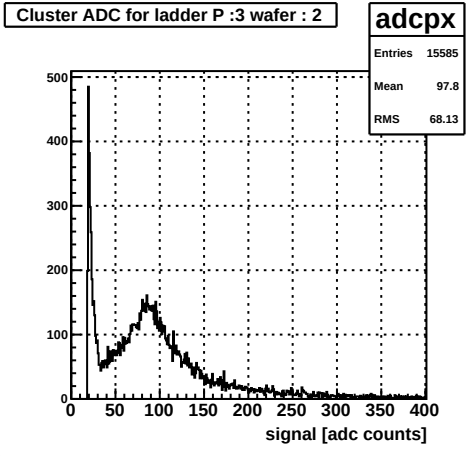

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 40547
Mean 47.31
RMS 52.77
signal [adc counts]

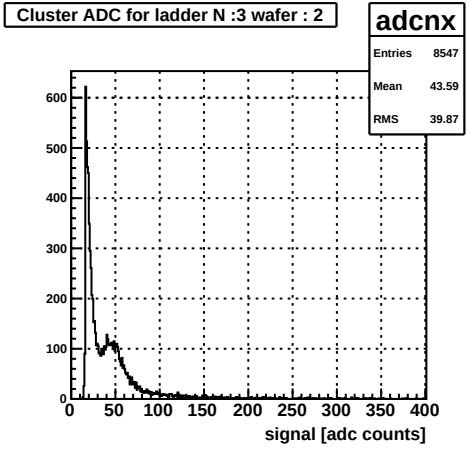

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 10579
Mean 55.68
RMS 49.63
signal [adc counts]

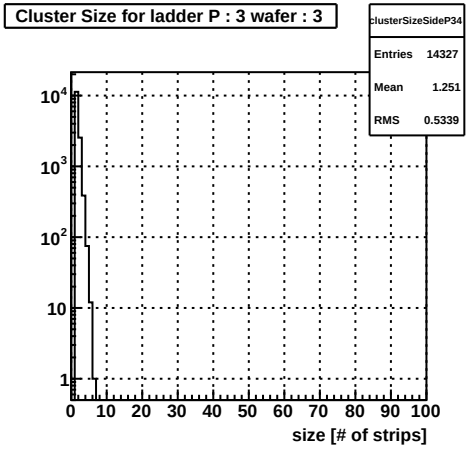

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 15585
Mean 1.44
RMS 0.728
size [# of strips]

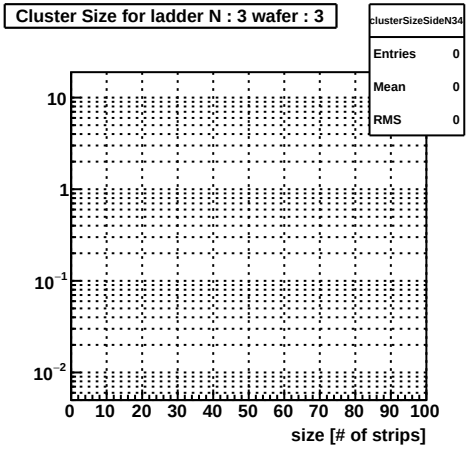

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 8547
Mean 1.212
RMS 0.578
size [# of strips]

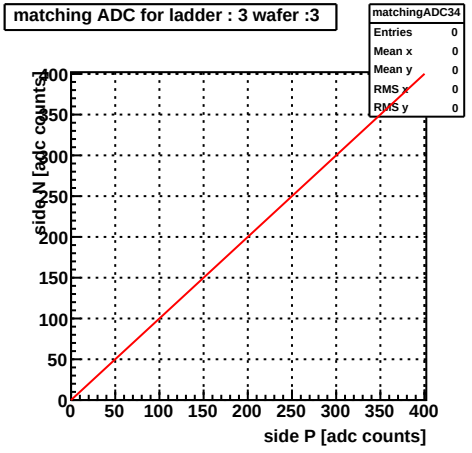

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3917
Mean x 78.1
Mean y 52.91
RMS x 54.36
RMS y 44
side N [adc counts]
side P [adc counts]

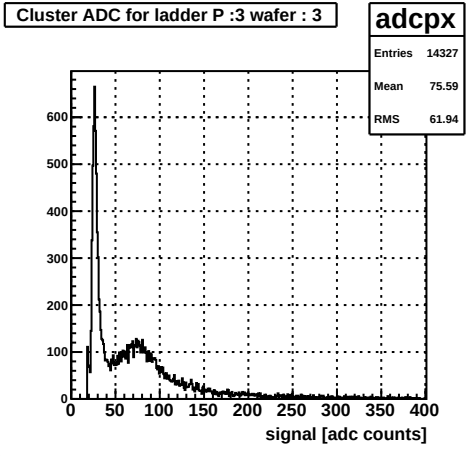

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 15585
Mean 97.8
RMS 68.13
signal [adc counts]

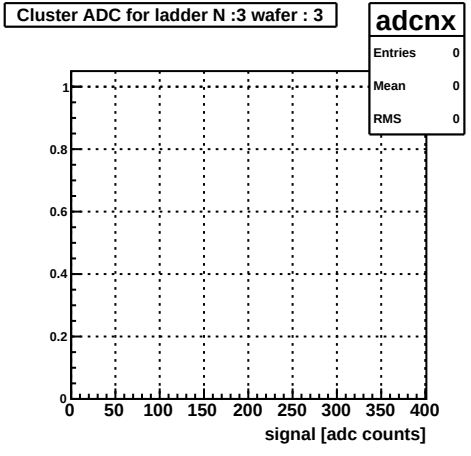

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 8547
Mean 43.59
RMS 39.87
signal [adc counts]

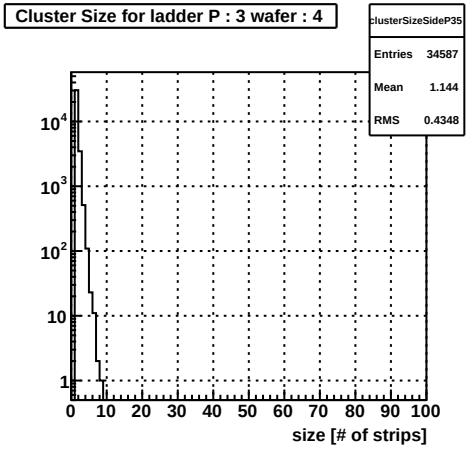

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 14327
Mean 1.251
RMS 0.5339
size [# of strips]

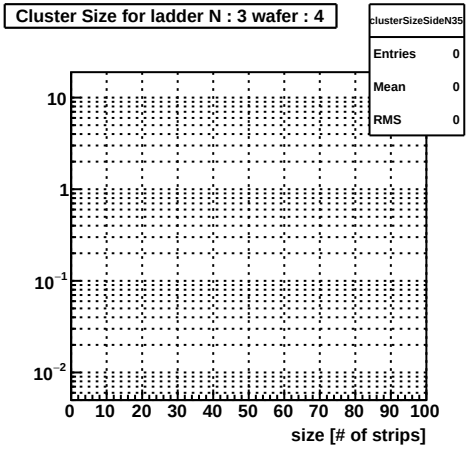

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

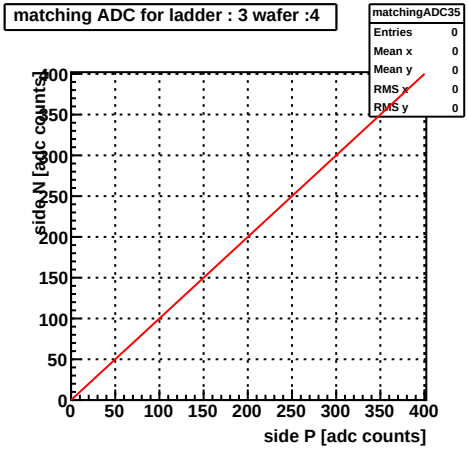

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

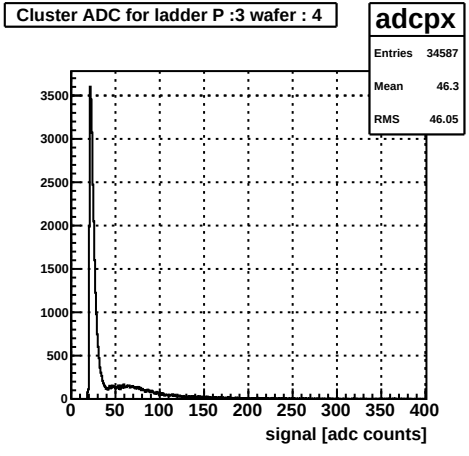

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 14327
Mean 75.59
RMS 61.94
signal [adc counts]

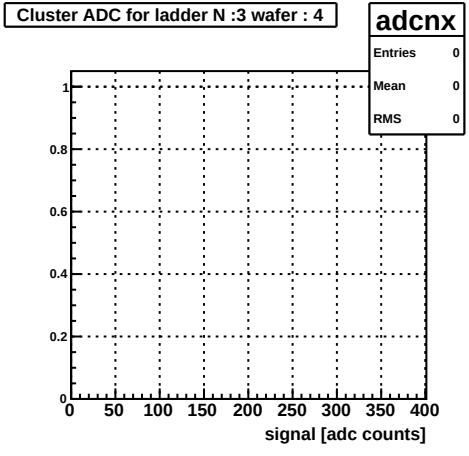

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

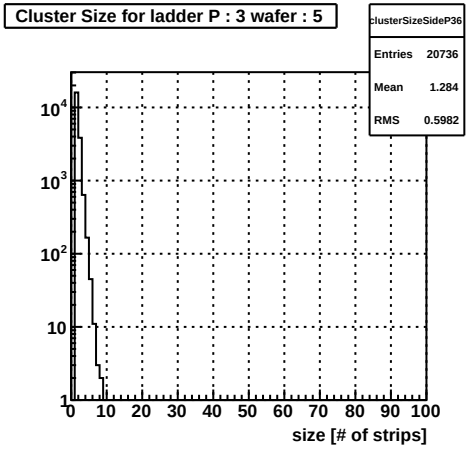

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 34587
Mean 1.144
RMS 0.4348
size [# of strips]

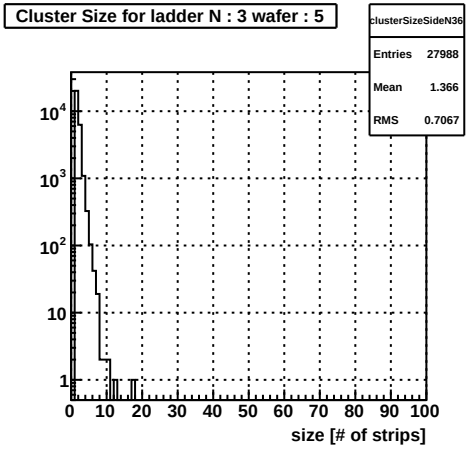

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

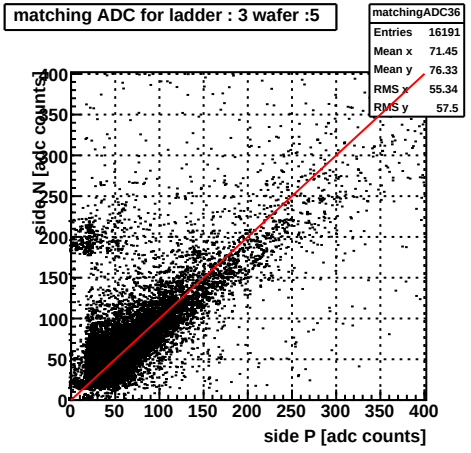

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

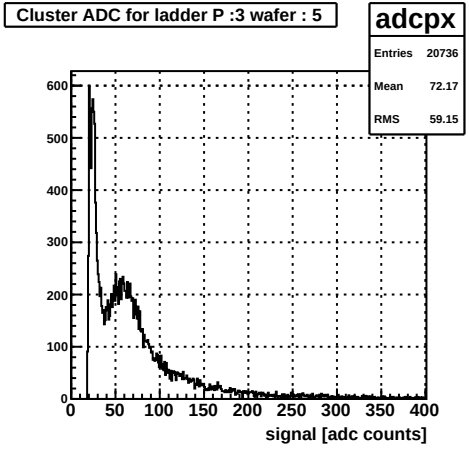

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 34587
Mean 46.3
RMS 46.05
signal [adc counts]

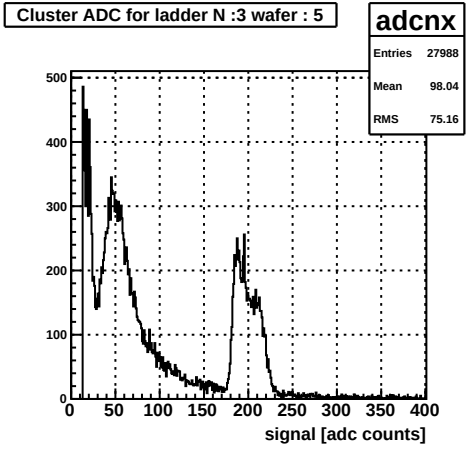

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

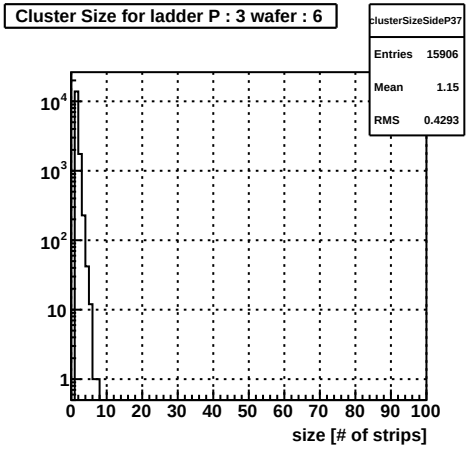

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 20736
Mean 1.284
RMS 0.5982
size [# of strips]

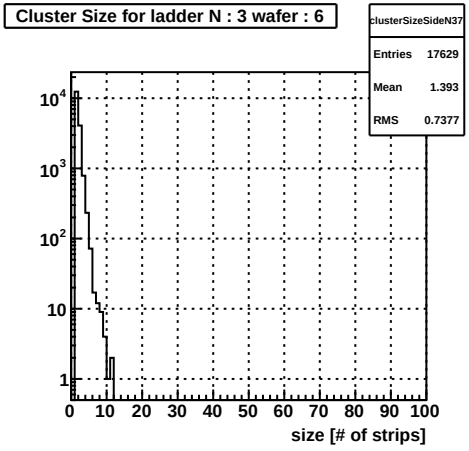

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 27988
Mean 1.366
RMS 0.7067
size [# of strips]

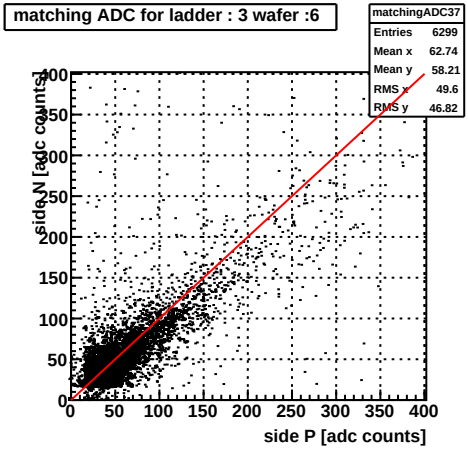

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 16191
Mean x 71.45
Mean y 76.33
RMS x 55.34
RMS y 57.5
side N [adc counts]
side P [adc counts]

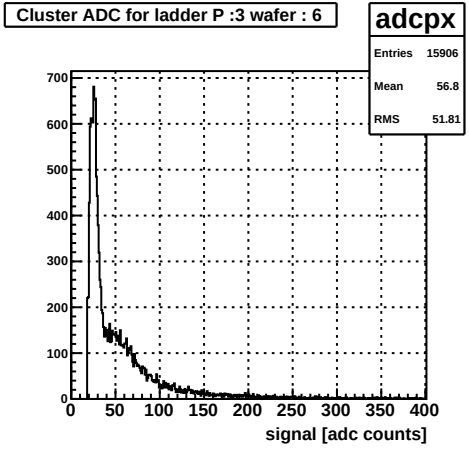

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 20736
Mean 72.17
RMS 59.15
signal [adc counts]

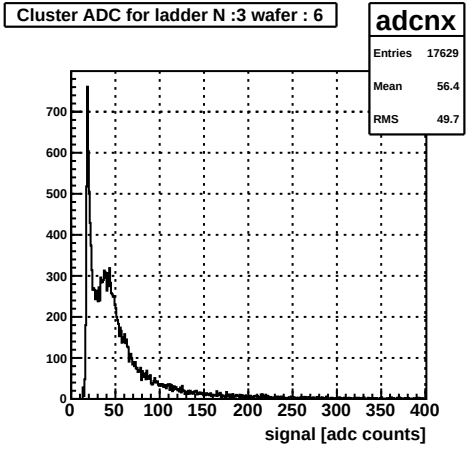

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 27988
Mean 98.04
RMS 75.16
signal [adc counts]

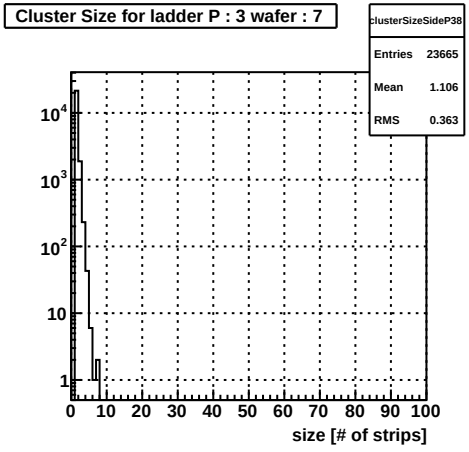

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 15906
Mean 1.15
RMS 0.4293
size [# of strips]

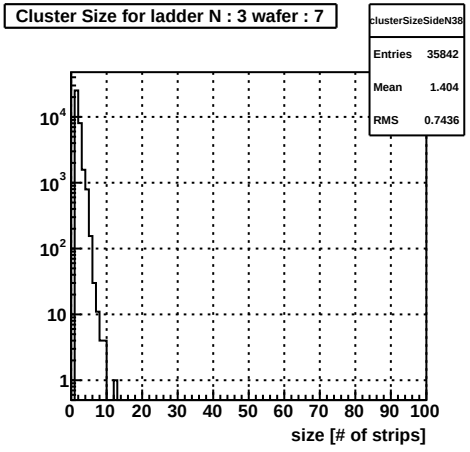

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 17629
Mean 1.393
RMS 0.7377
size [# of strips]

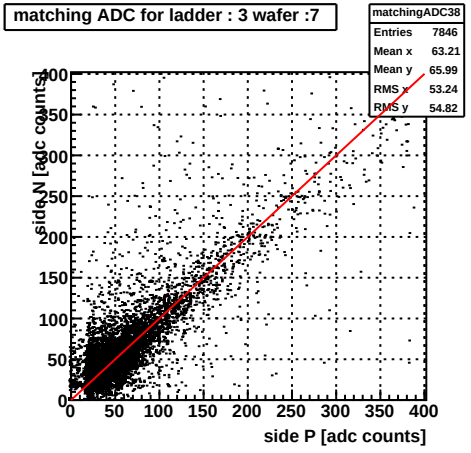

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 6299
Mean x 62.74
Mean y 58.21
RMS x 49.6
RMS y 46.82
side N [adc counts]
side P [adc counts]

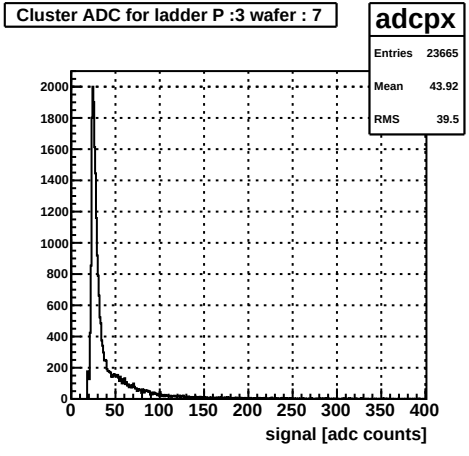

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 15906
Mean 56.8
RMS 51.81
signal [adc counts]

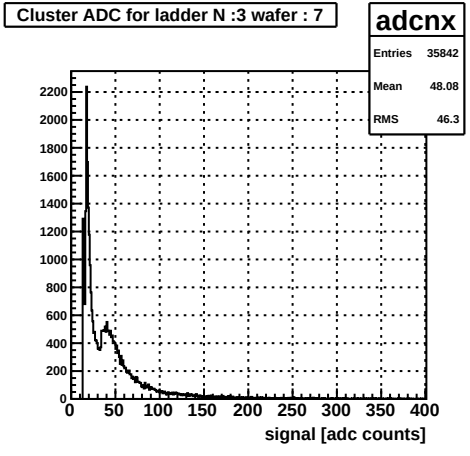

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 17629
Mean 56.4
RMS 49.7
signal [adc counts]

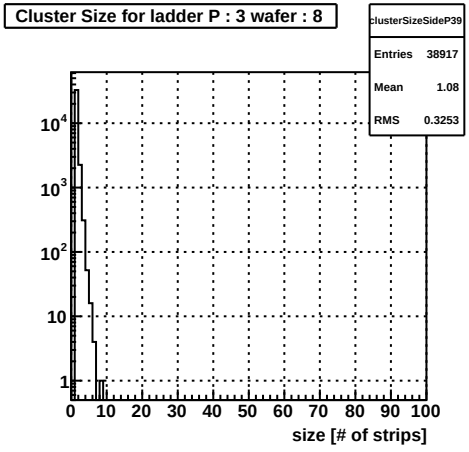

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 23665
Mean 1.106
RMS 0.363
size [# of strips]

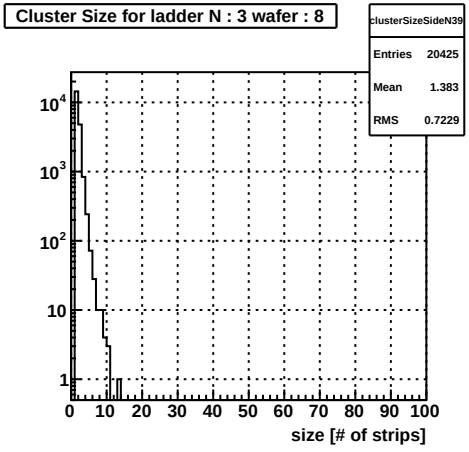

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 35842
Mean 1.404
RMS 0.7436
size [# of strips]

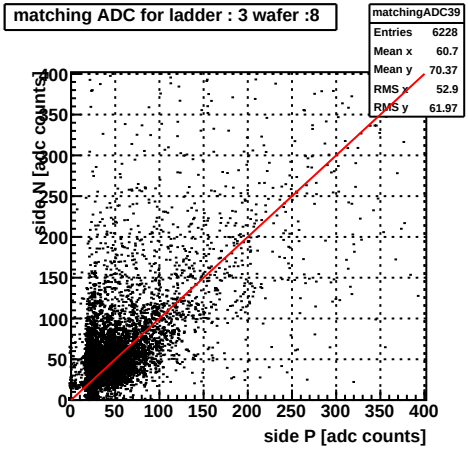

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 7846
Mean x 63.21
Mean y 65.99
RMS x 53.24
RMS y 54.82
side N [adc counts]
side P [adc counts]

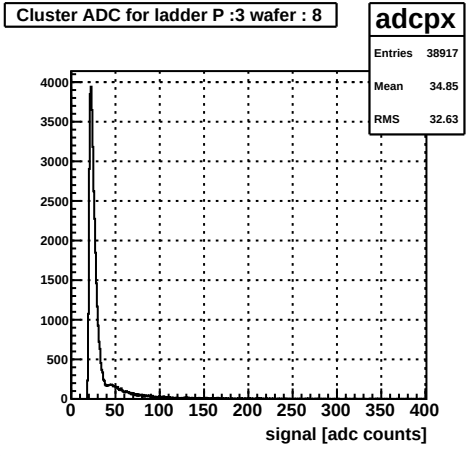

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 23665
Mean 43.92
RMS 39.5
signal [adc counts]

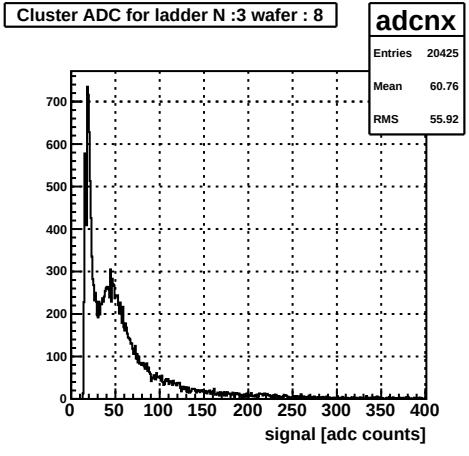

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 35842
Mean 48.08
RMS 46.3
signal [adc counts]

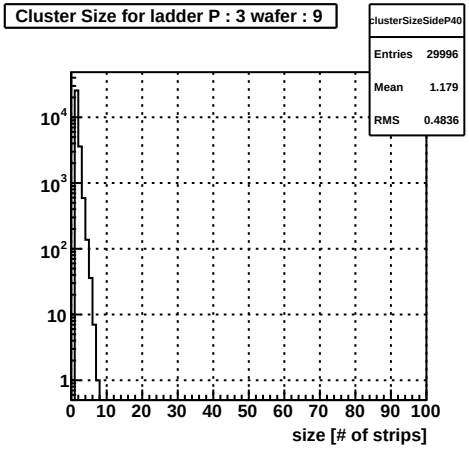

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 38917
Mean 1.08
RMS 0.3253
size [# of strips]

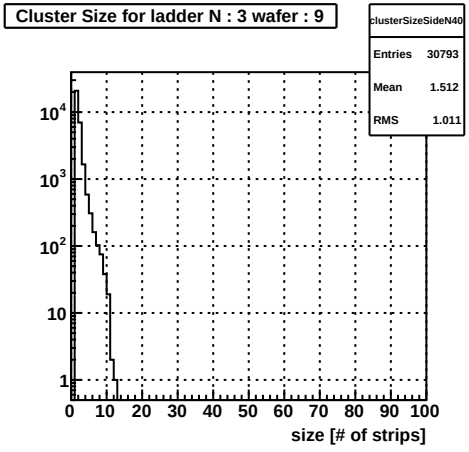

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 20425
Mean 1.383
RMS 0.7229
size [# of strips]

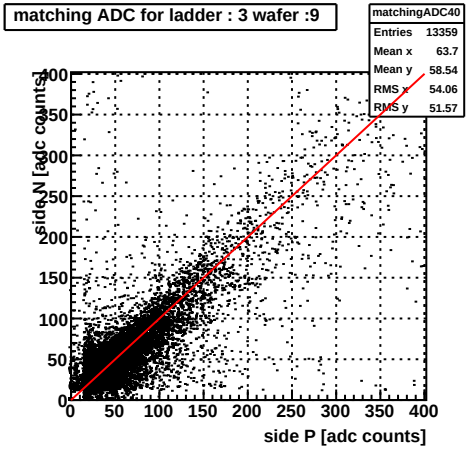

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 6228
Mean x 60.7
Mean y 70.37
RMS x 52.9
RMS y 61.97
side N [adc counts]
side P [adc counts]

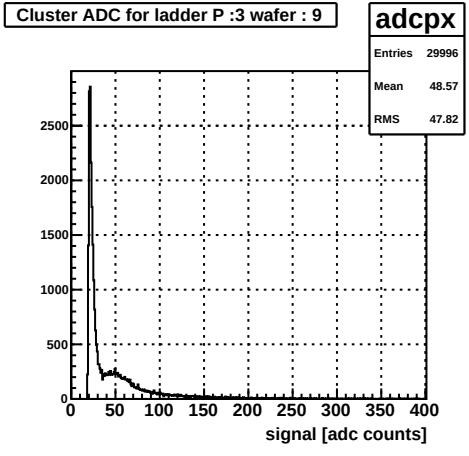

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 38917
Mean 34.85
RMS 32.63
signal [adc counts]

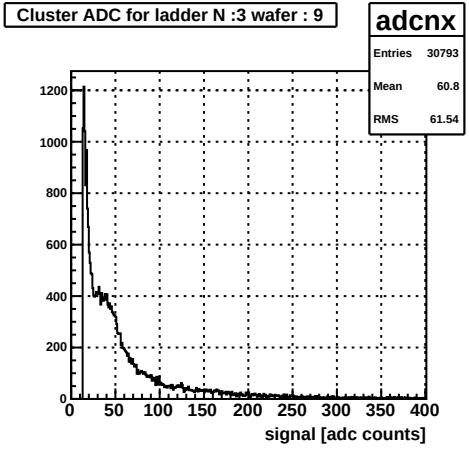

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 20425
Mean 60.76
RMS 55.92
signal [adc counts]

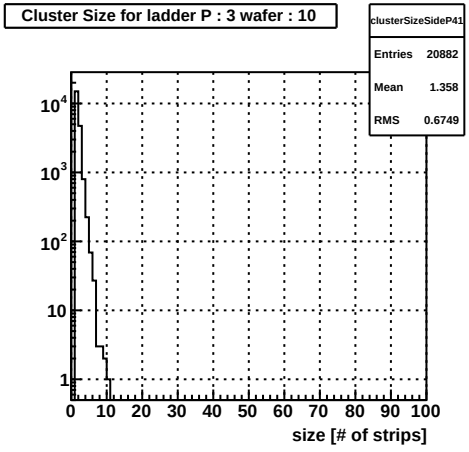

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 29996
Mean 1.179
RMS 0.4836
size [# of strips]

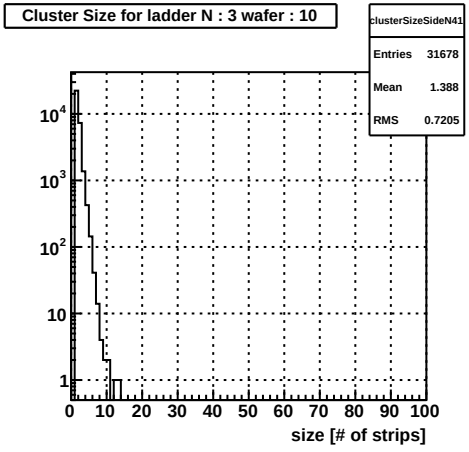

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 30793
Mean 1.512
RMS 1.011
size [# of strips]

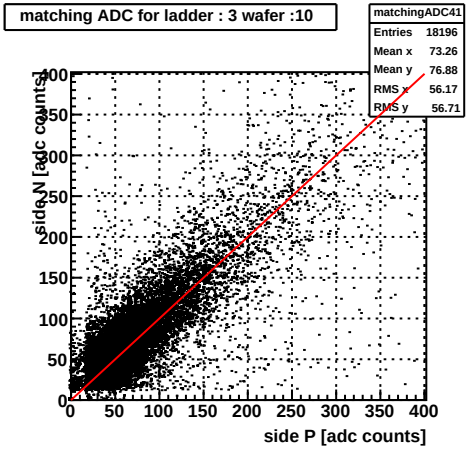

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 13359
Mean x 63.7
Mean y 58.54
RMS x 54.06
RMS y 51.57
side N [adc counts]
side P [adc counts]

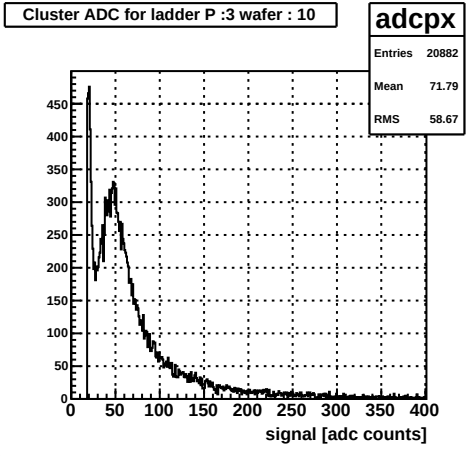

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 29996
Mean 48.57
RMS 47.82
signal [adc counts]

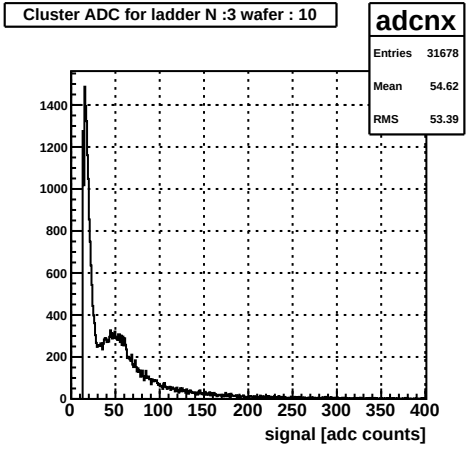

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 30793
Mean 60.8
RMS 61.54
signal [adc counts]

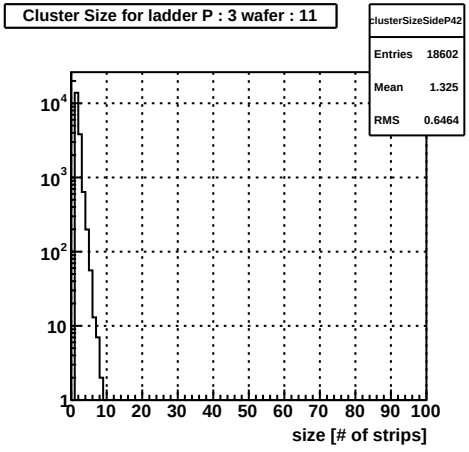

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 20882
Mean 1.358
RMS 0.6749
size [# of strips]

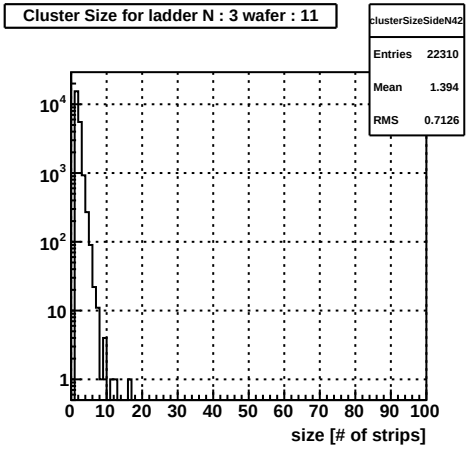

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 31678
Mean 1.388
RMS 0.7205
size [# of strips]

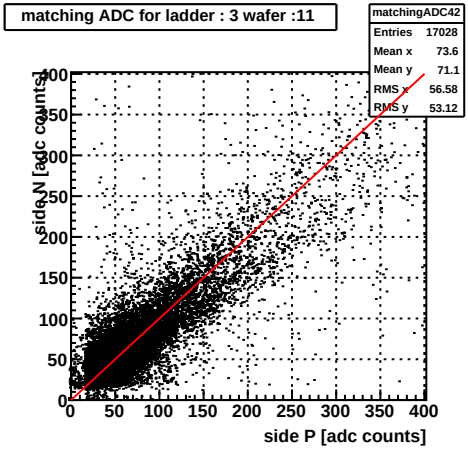

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 18196
Mean x 73.26
Mean y 76.88
RMS x 56.17
RMS y 56.71
side N [adc counts]
side P [adc counts]

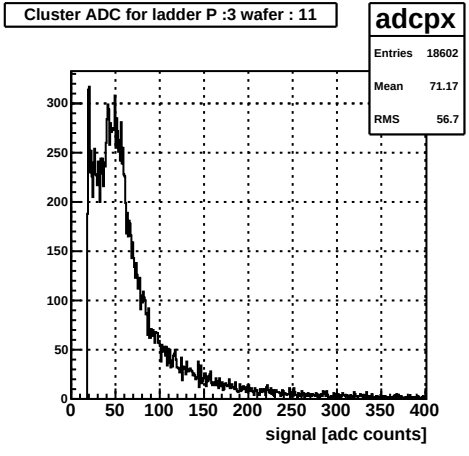

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 20882
Mean 71.79
RMS 58.67
signal [adc counts]

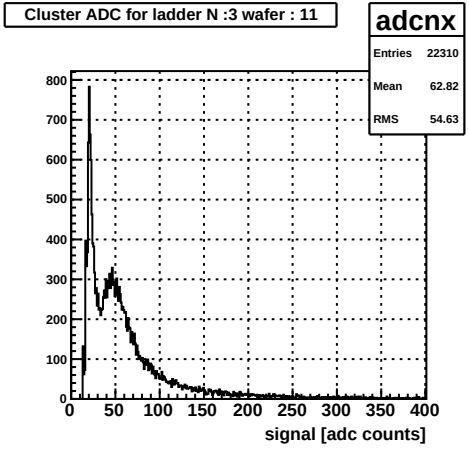

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 31678
Mean 54.62
RMS 53.39
signal [adc counts]

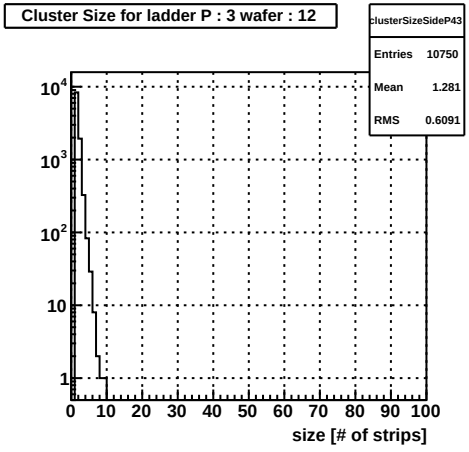

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 18602
Mean 1.325
RMS 0.6464
size [# of strips]

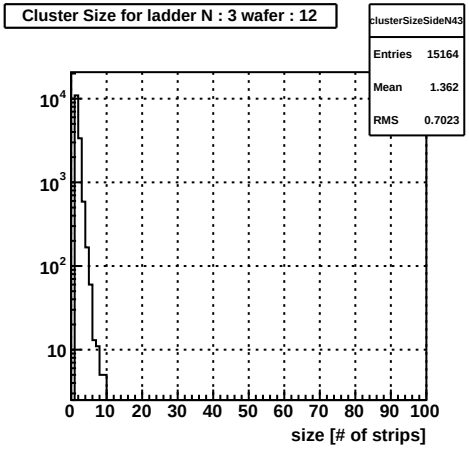

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 22310
Mean 1.394
RMS 0.7126
size [# of strips]

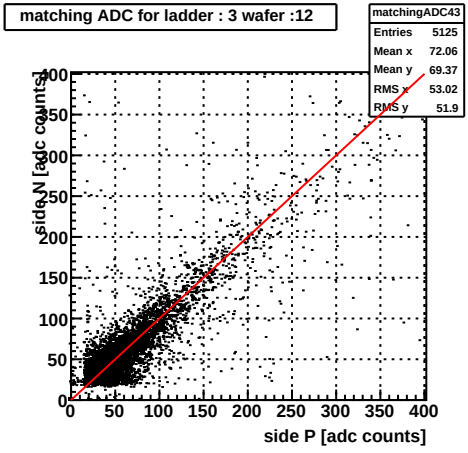

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 17028
Mean x 73.6
Mean y 71.1
RMS x 56.58
RMS y 53.12
side N [adc counts]
side P [adc counts]

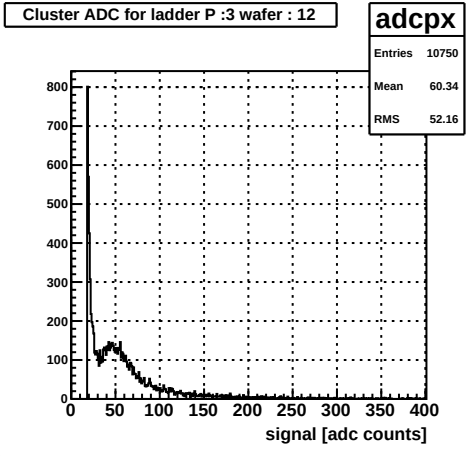

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 18602
Mean 71.17
RMS 56.7
signal [adc counts]

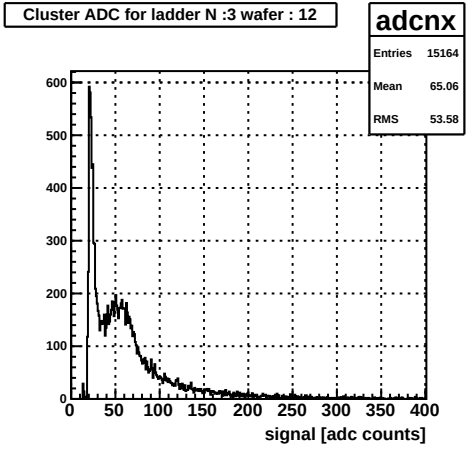

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 22310
Mean 62.82
RMS 54.63
signal [adc counts]

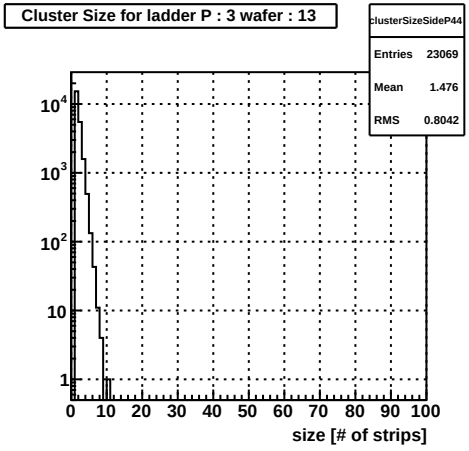

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 10750
Mean 1.281
RMS 0.6091
size [# of strips]

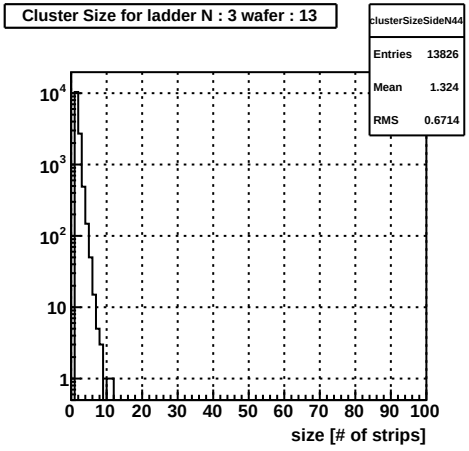

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 15164
Mean 1.362
RMS 0.7023
size [# of strips]

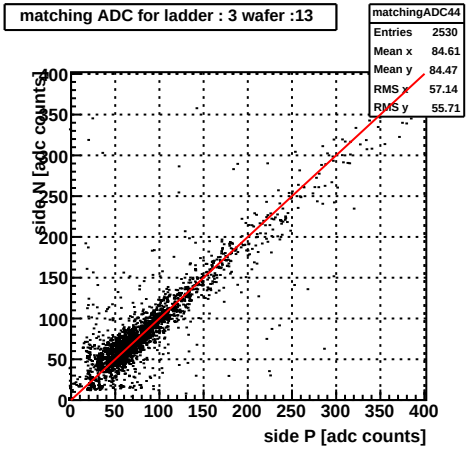

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 5125
Mean x 72.06
Mean y 69.37
RMS x 53.02
RMS y 51.9
side N [adc counts]
side P [adc counts]

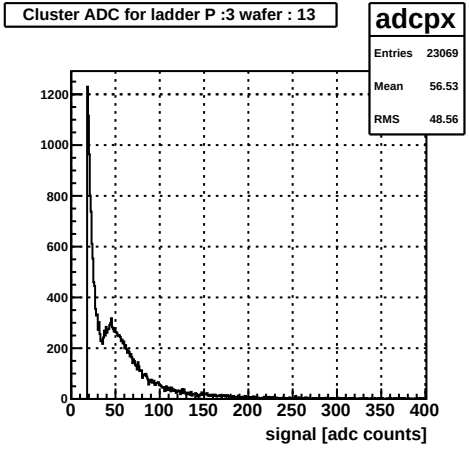

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 10750
Mean 60.34
RMS 52.16
signal [adc counts]

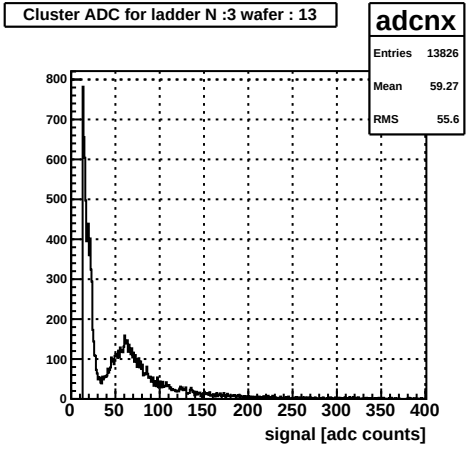

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 15164
Mean 65.06
RMS 53.58
signal [adc counts]

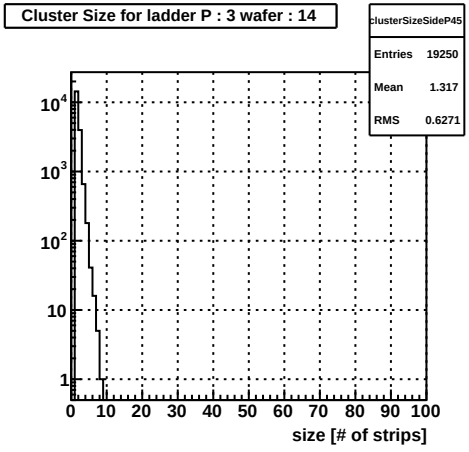

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 23069
Mean 1.476
RMS 0.8042
size [# of strips]

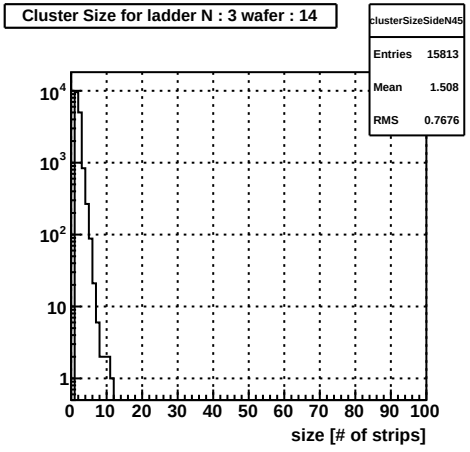

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 13826
Mean 1.324
RMS 0.6714
size [# of strips]

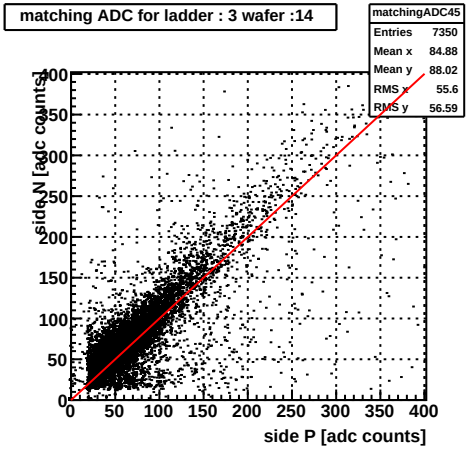

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2530
Mean x 84.61
Mean y 84.47
RMS x 57.14
RMS y 55.71
side N [adc counts]
side P [adc counts]

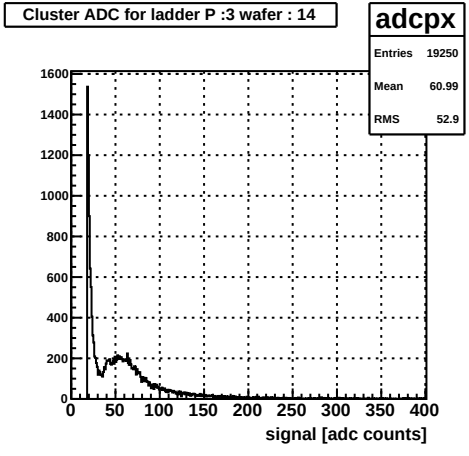

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 23069
Mean 56.53
RMS 48.56
signal [adc counts]

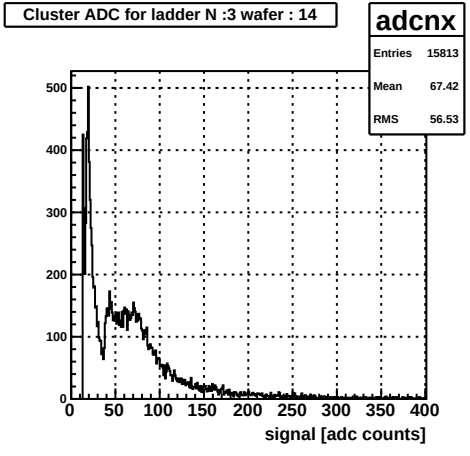

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 13826
Mean 59.27
RMS 55.6
signal [adc counts]

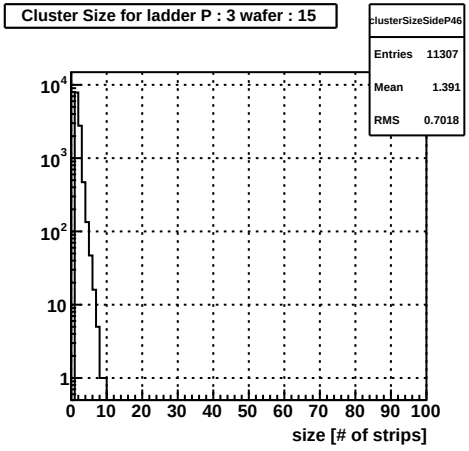

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 19250
Mean 1.317
RMS 0.6271
size [# of strips]

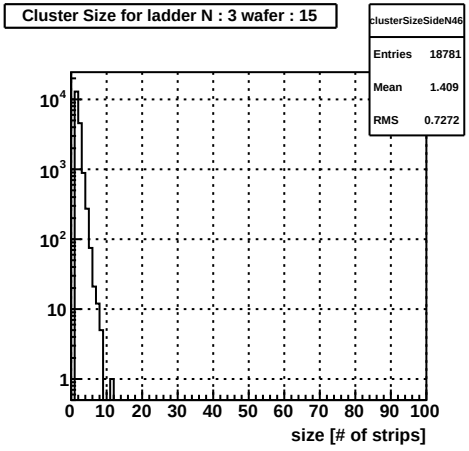

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 15813
Mean 1.508
RMS 0.7676
size [# of strips]

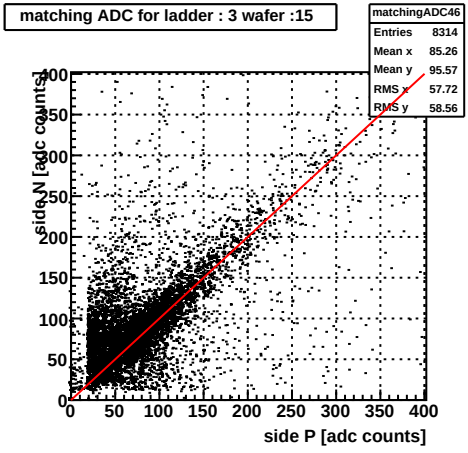

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 7350
Mean x 84.88
Mean y 88.02
RMS x 55.6
RMS y 56.59
side N [adc counts]
side P [adc counts]

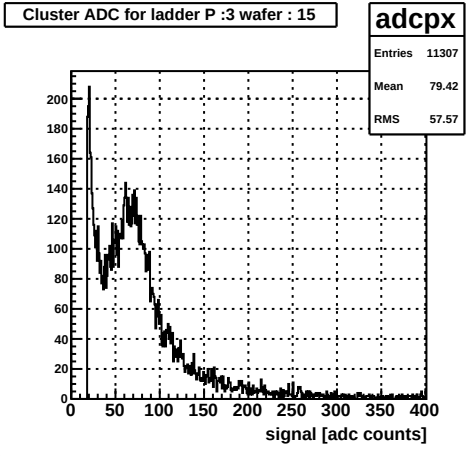

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 19250
Mean 60.99
RMS 52.9
signal [adc counts]

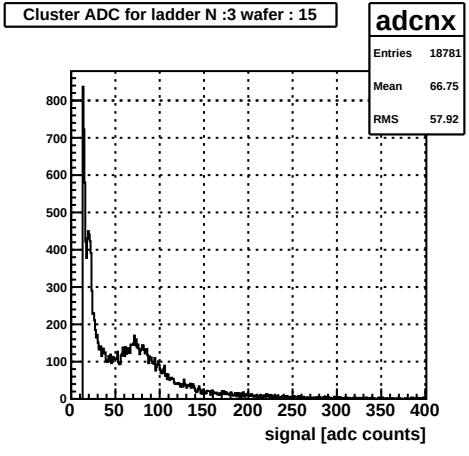

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 15813
Mean 67.42
RMS 56.53
signal [adc counts]

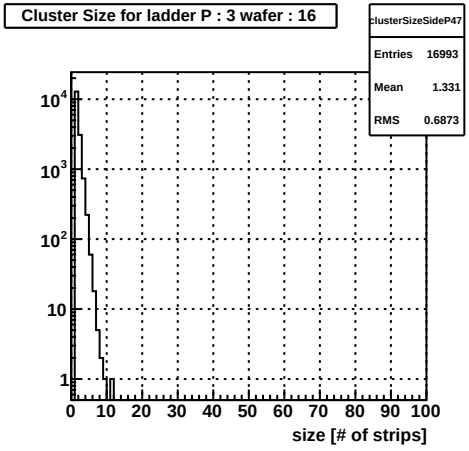

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 11307
Mean 1.391
RMS 0.7018
size [# of strips]

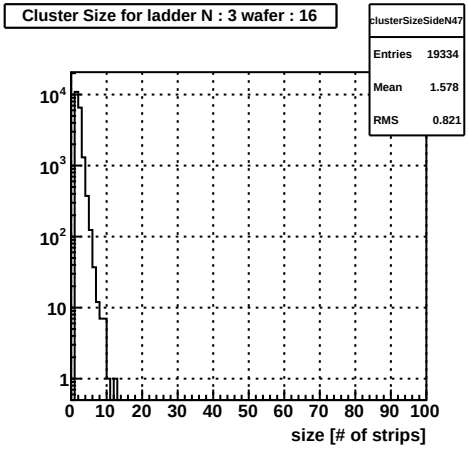

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 18781
Mean 1.409
RMS 0.7272
size [# of strips]

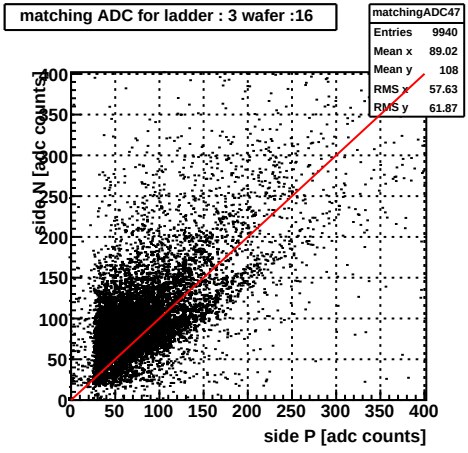

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 8314
Mean x 85.26
Mean y 95.57
RMS x 57.72
RMS y 58.56
side N [adc counts]
side P [adc counts]

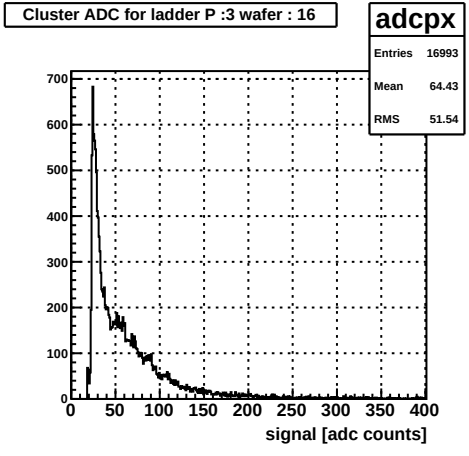

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 11307
Mean 79.42
RMS 57.57
signal [adc counts]

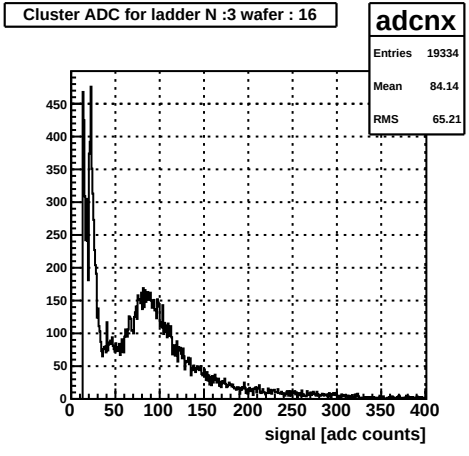

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 18781
Mean 66.75
RMS 57.92
signal [adc counts]

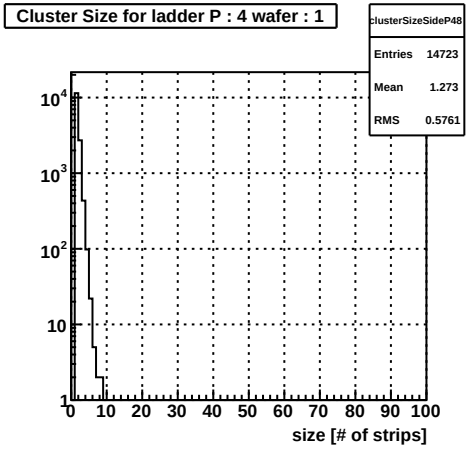

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 16993
Mean 1.331
RMS 0.6873
size [# of strips]

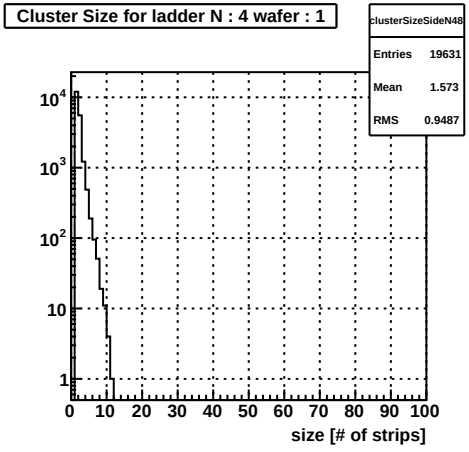

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 19334
Mean 1.578
RMS 0.821
size [# of strips]

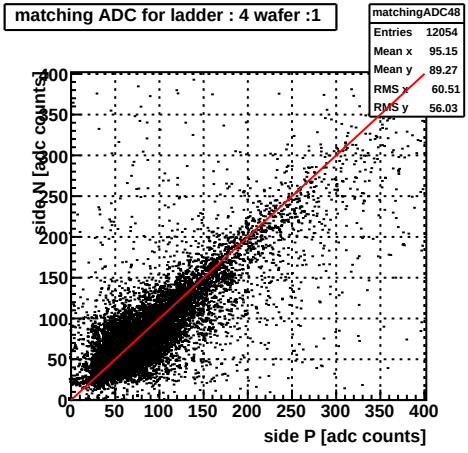

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 9940
Mean x 89.02
Mean y 108
RMS x 57.63
RMS y 61.87
side N [adc counts]
side P [adc counts]

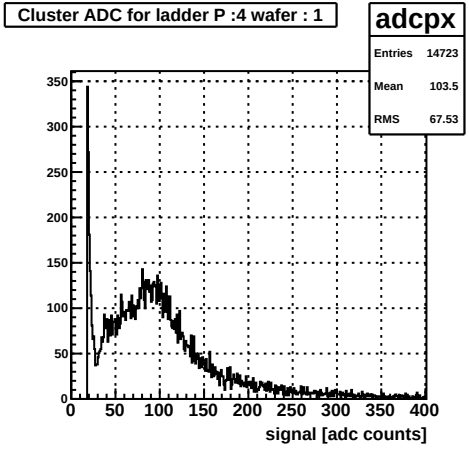

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 16993
Mean 64.43
RMS 51.54
signal [adc counts]

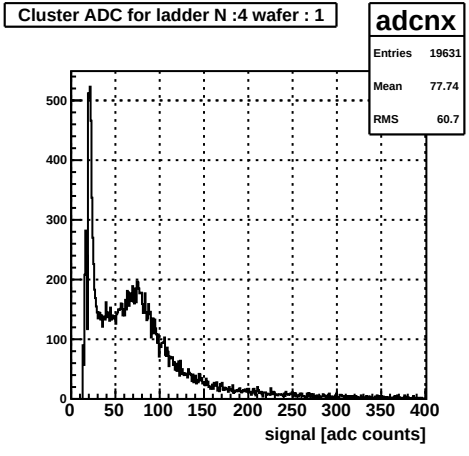

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 19334
Mean 84.14
RMS 65.21
signal [adc counts]

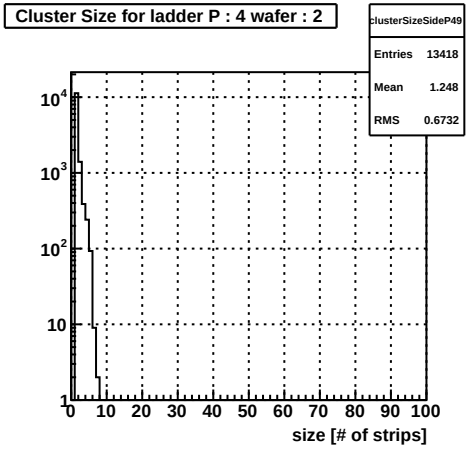

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 14723
Mean 1.273
RMS 0.5761
size [# of strips]

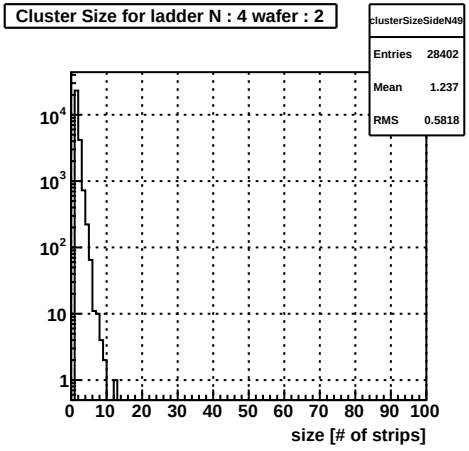

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 19631
Mean 1.573
RMS 0.9487
size [# of strips]

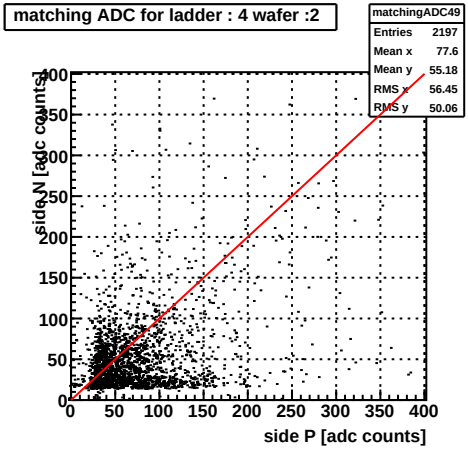

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 12054
Mean x 95.15
Mean y 89.27
RMS x 60.51
RMS y 56.03
side N [adc counts]
side P [adc counts]

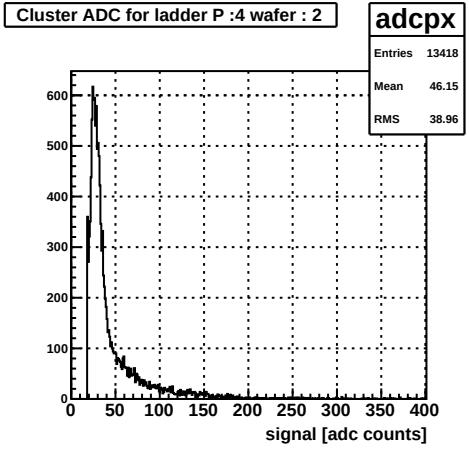

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 14723
Mean 103.5
RMS 67.53
signal [adc counts]

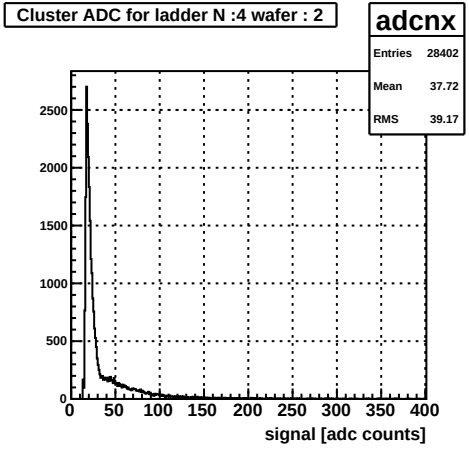

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 19631
Mean 77.74
RMS 60.7
signal [adc counts]

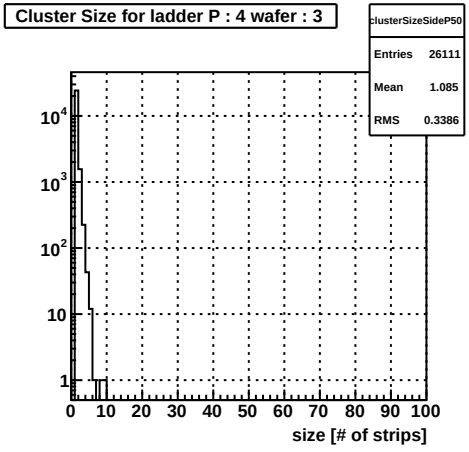

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 13418
Mean 1.248
RMS 0.6732
size [# of strips]

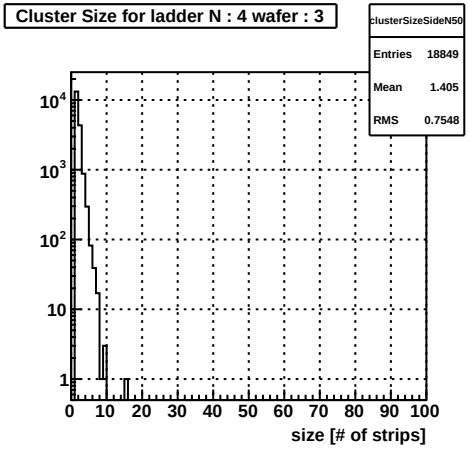

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 28402
Mean 1.237
RMS 0.5818
size [# of strips]

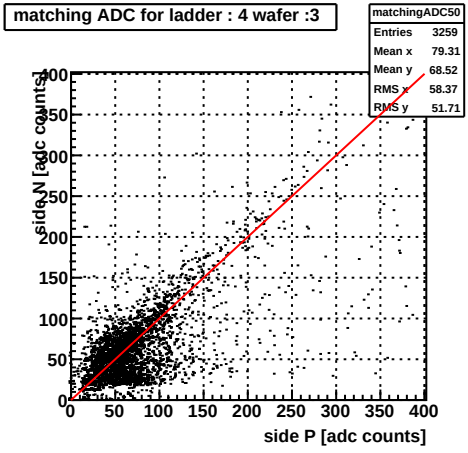

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 2197
Mean x 77.6
Mean y 55.18
RMS x 56.45
RMS y 50.06
side N [adc counts]
side P [adc counts]

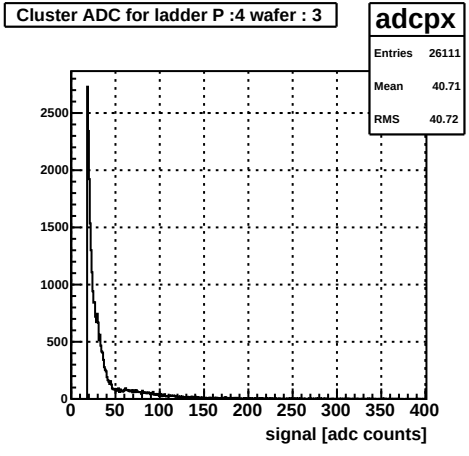

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 13418
Mean 46.15
RMS 38.96
signal [adc counts]

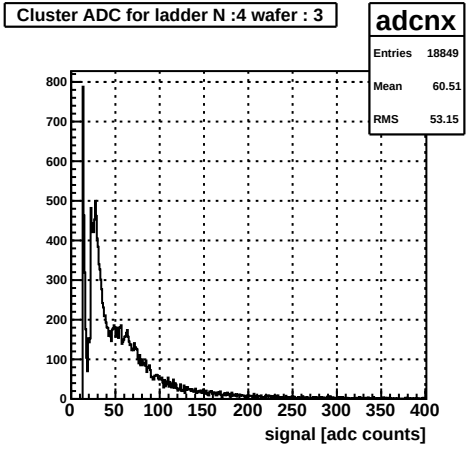

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 28402
Mean 37.72
RMS 39.17
signal [adc counts]

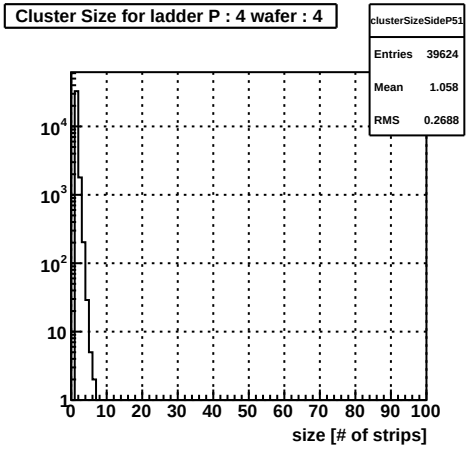

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 26111
Mean 1.085
RMS 0.3386
size [# of strips]

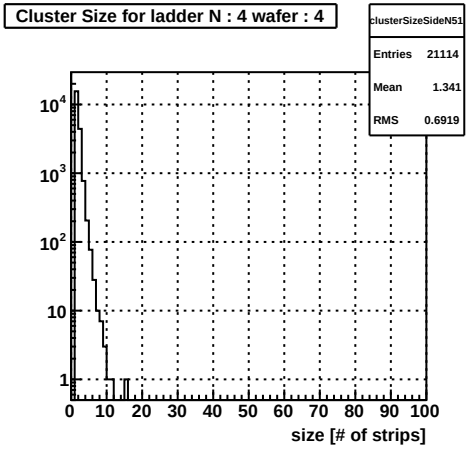

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 18849
Mean 1.405
RMS 0.7548
size [# of strips]

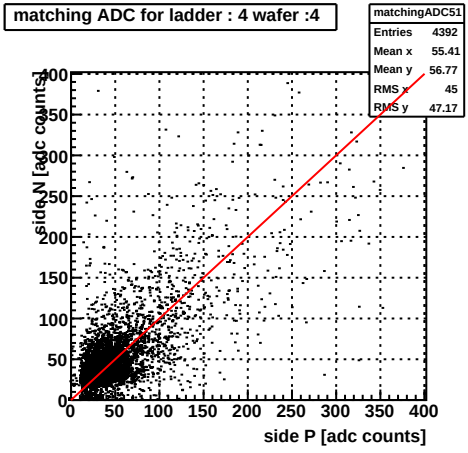

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 3259
Mean x 79.31
Mean y 68.52
RMS x 58.37
RMS y 51.71
side N [adc counts]
side P [adc counts]

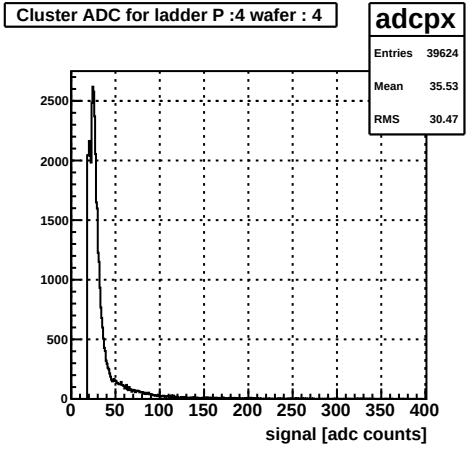

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 26111
Mean 40.71
RMS 40.72
signal [adc counts]

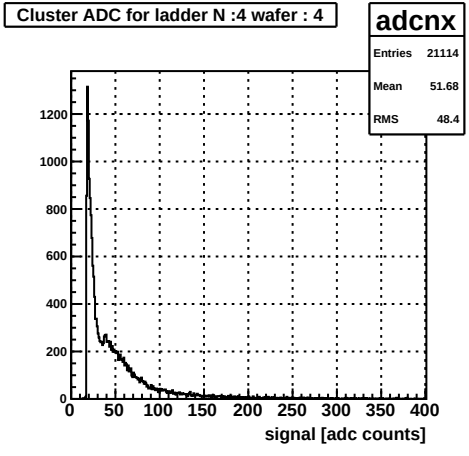

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 18849
Mean 60.51
RMS 53.15
signal [adc counts]

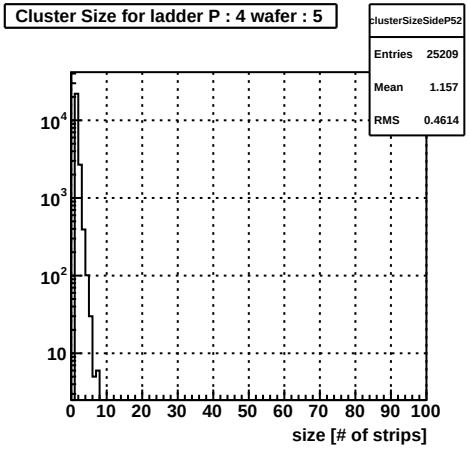

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 39624
Mean 1.058
RMS 0.2688
size [# of strips]

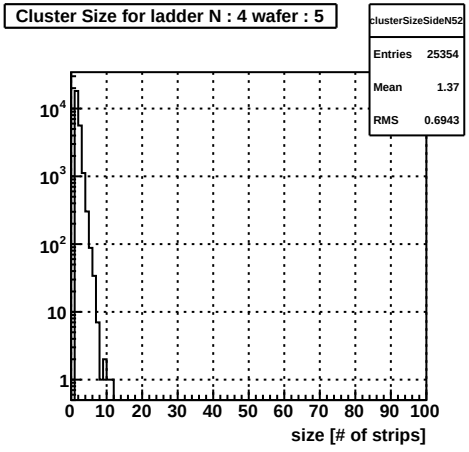

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 21114
Mean 1.341
RMS 0.6919
size [# of strips]

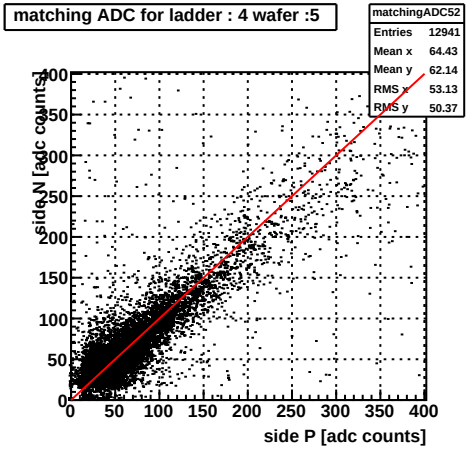

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 4392
Mean x 55.41
Mean y 56.77
RMS x 45
RMS y 47.17
side N [adc counts]
side P [adc counts]

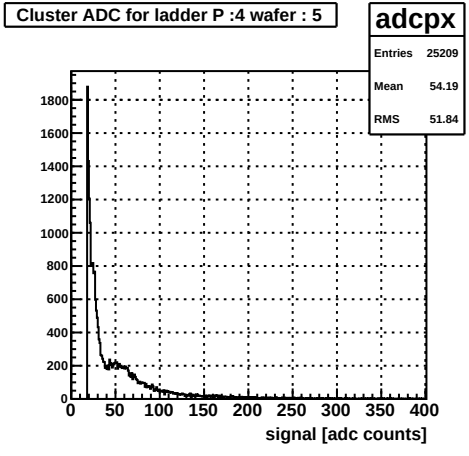

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 39624
Mean 35.53
RMS 30.47
signal [adc counts]

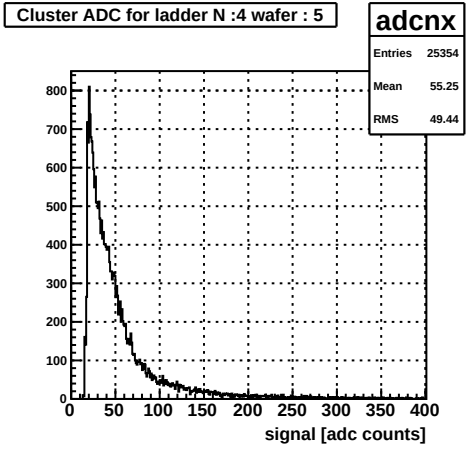

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 21114
Mean 51.68
RMS 48.4
signal [adc counts]

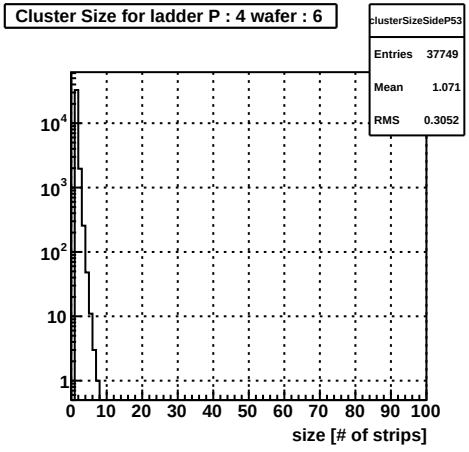

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 25209
Mean 1.157
RMS 0.4614
size [# of strips]

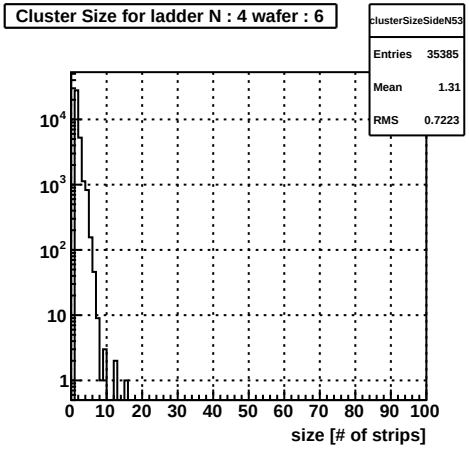

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 25354
Mean 1.37
RMS 0.6943
size [# of strips]

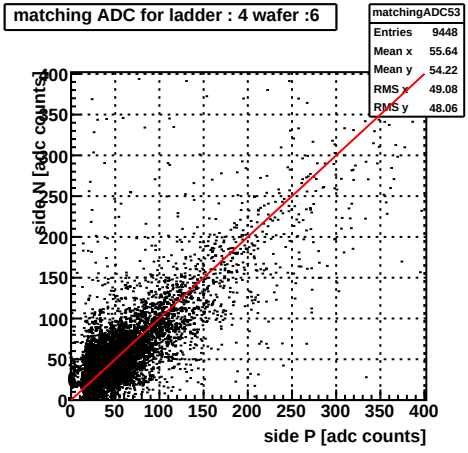

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 12941
Mean x 64.43
Mean y 62.14
RMS x 53.13
RMS y 50.37
side N [adc counts]
side P [adc counts]

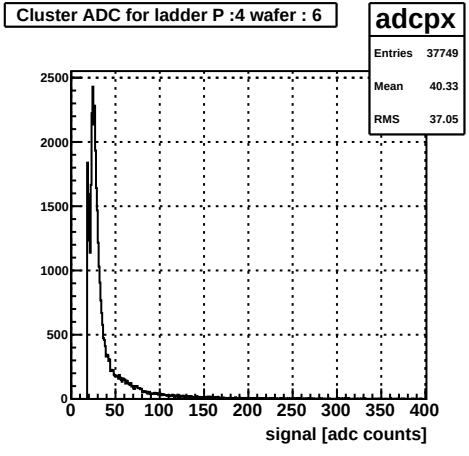

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 25209
Mean 54.19
RMS 51.84
signal [adc counts]

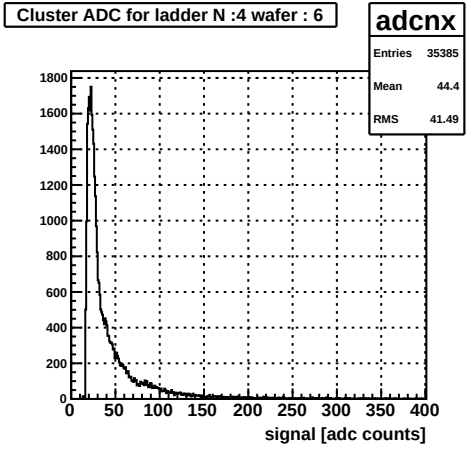

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 25354
Mean 55.25
RMS 49.44
signal [adc counts]

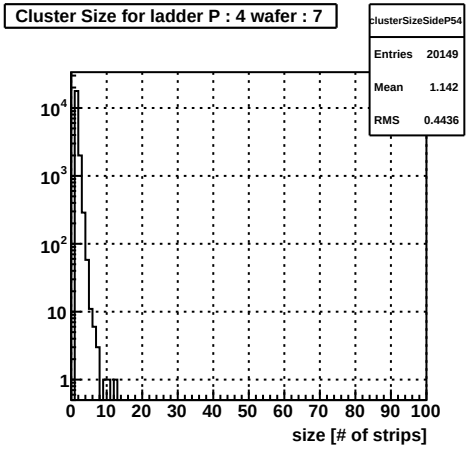

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 37749
Mean 1.071
RMS 0.3052
size [# of strips]

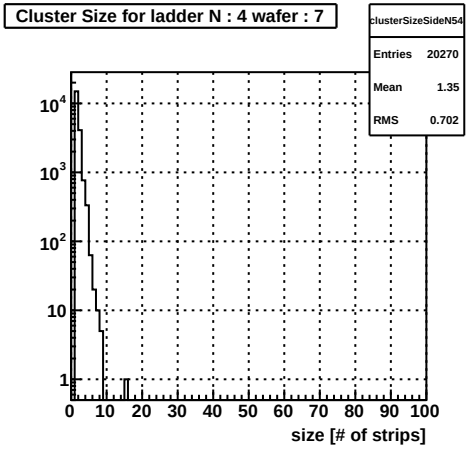

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 35385
Mean 1.31
RMS 0.7223
size [# of strips]

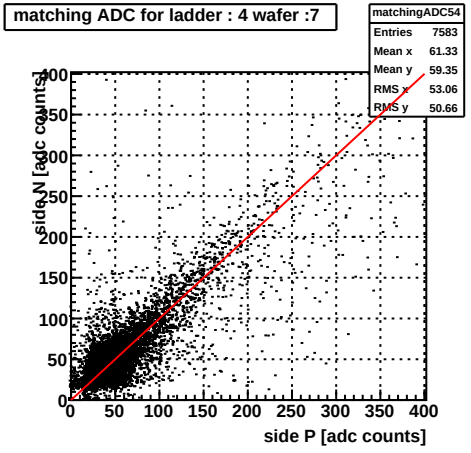

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 9448
Mean x 55.64
Mean y 54.22
RMS x 49.08
RMS y 48.06
side N [adc counts]
side P [adc counts]

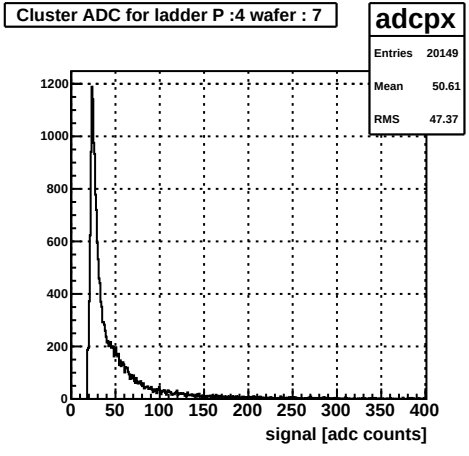

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 37749
Mean 40.33
RMS 37.05
signal [adc counts]

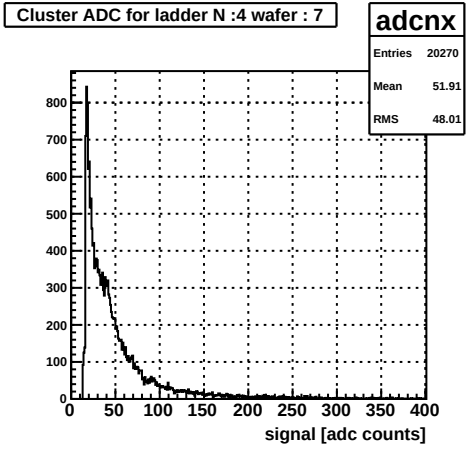

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 35385
Mean 44.4
RMS 41.49
signal [adc counts]

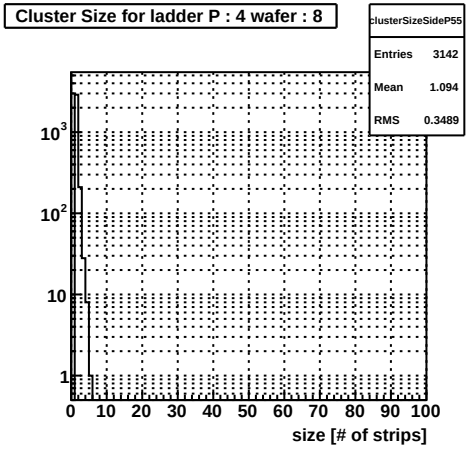

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 20149
Mean 1.142
RMS 0.4436
size [# of strips]

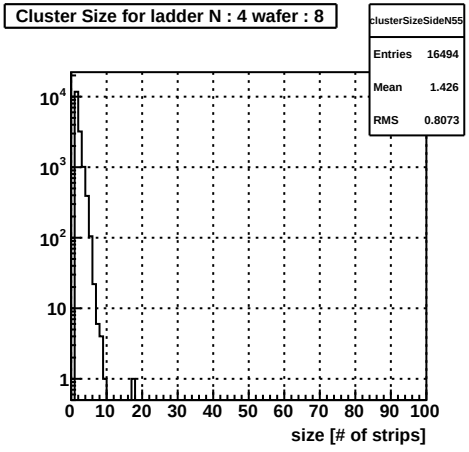

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 20270
Mean 1.35
RMS 0.702
size [# of strips]

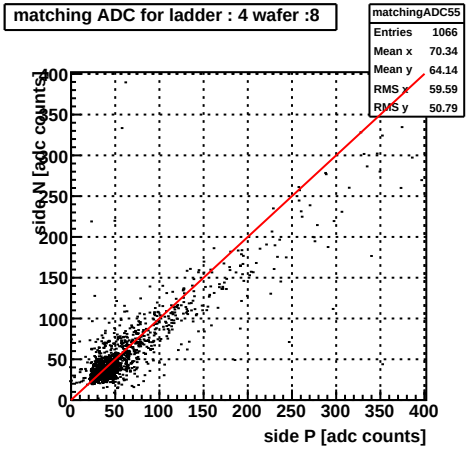

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 7583
Mean x 61.33
Mean y 59.35
RMS x 53.06
RMS y 50.66
side N [adc counts]
side P [adc counts]

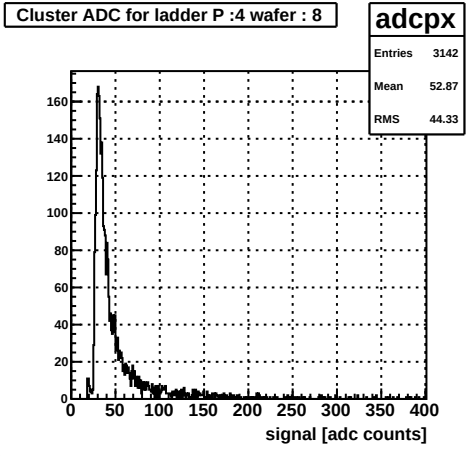

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 20149
Mean 50.61
RMS 47.37
signal [adc counts]

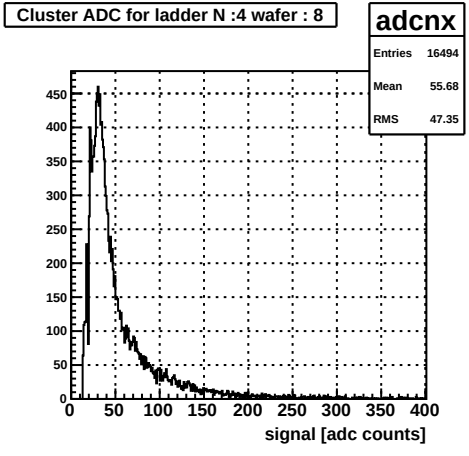

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 20270
Mean 51.91
RMS 48.01
signal [adc counts]

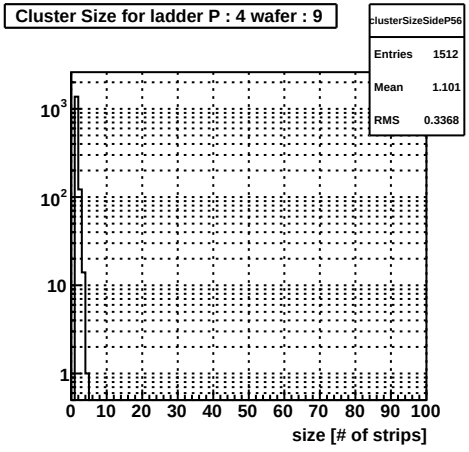

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3142
Mean 1.094
RMS 0.3489
size [# of strips]

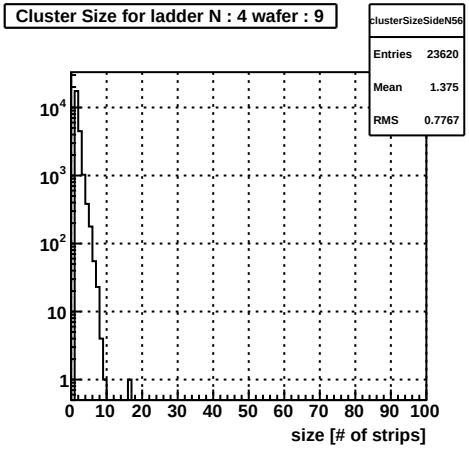

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 16494
Mean 1.426
RMS 0.8073
size [# of strips]

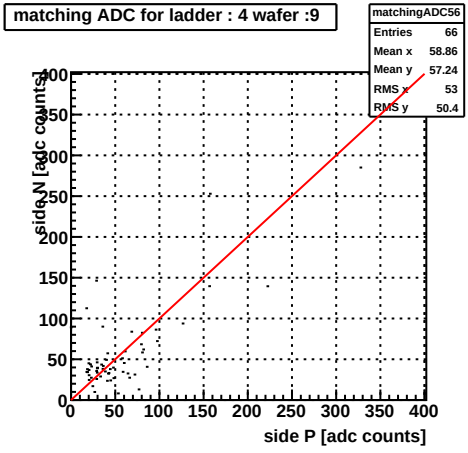

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1066
Mean x 70.34
Mean y 64.14
RMS x 59.59
RMS y 50.79
side N [adc counts]
side P [adc counts]

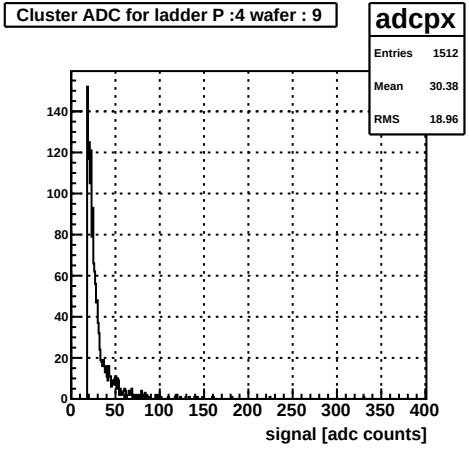

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3142
Mean 52.87
RMS 44.33
signal [adc counts]

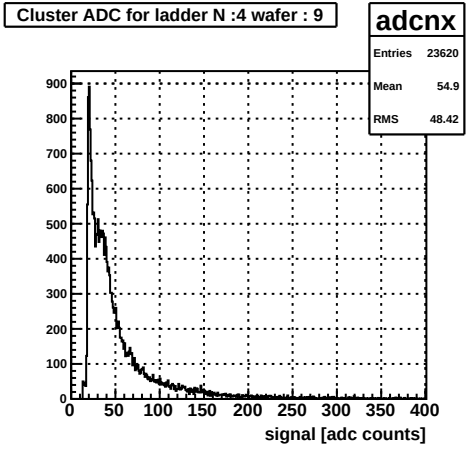

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 16494
Mean 55.68
RMS 47.35
signal [adc counts]

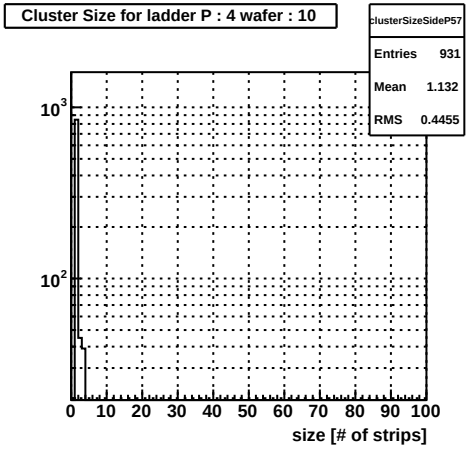

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1512
Mean 1.101
RMS 0.3368
size [# of strips]

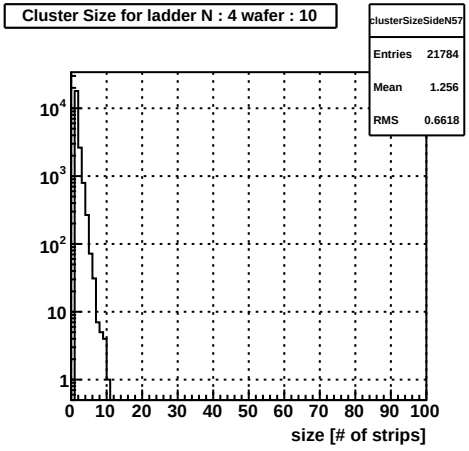

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 23620
Mean 1.375
RMS 0.7767
size [# of strips]

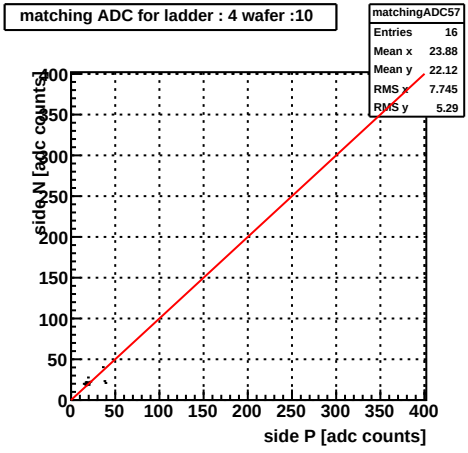

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 66
Mean x 58.86
Mean y 57.24
RMS x 53
RMS y 50.4
side N [adc counts]
side P [adc counts]

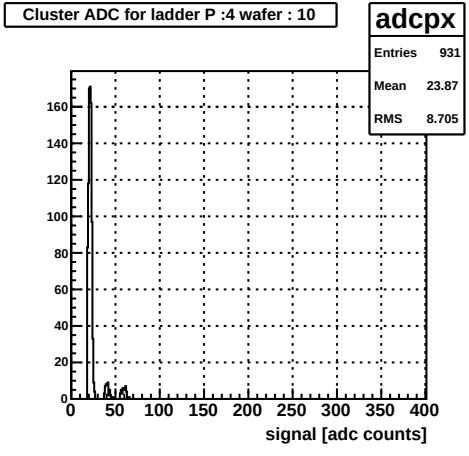

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1512
Mean 30.38
RMS 18.96
signal [adc counts]

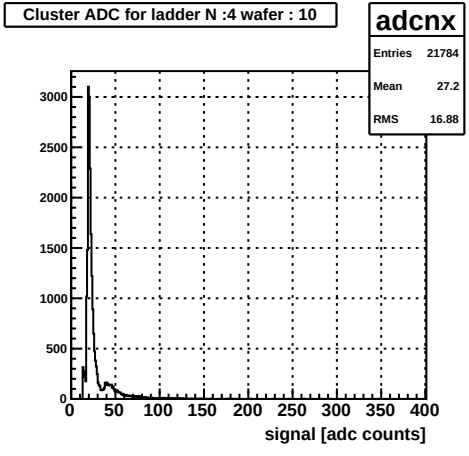

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 23620
Mean 54.9
RMS 48.42
signal [adc counts]

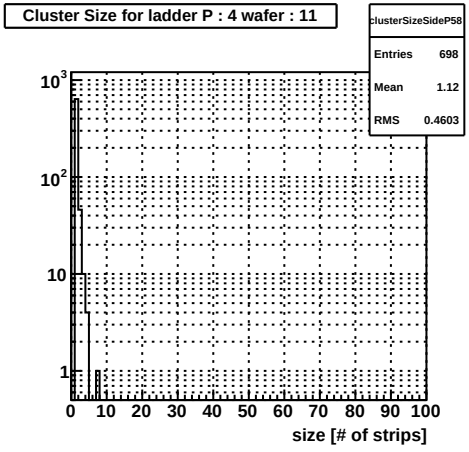

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 931
Mean 1.132
RMS 0.4455
size [# of strips]

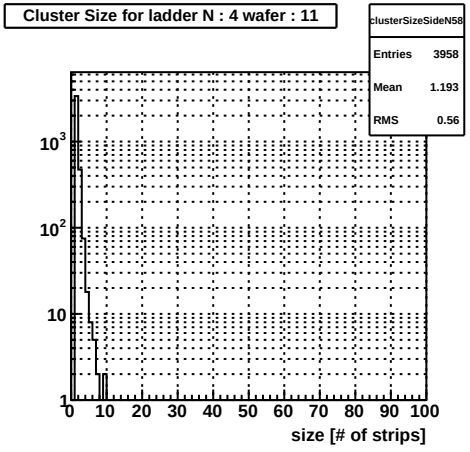

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 21784
Mean 1.256
RMS 0.6618
size [# of strips]

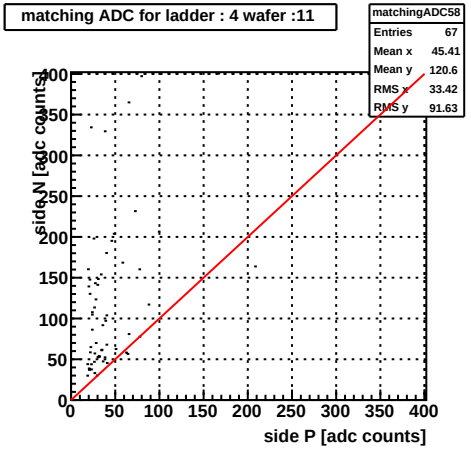

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 16
Mean x 23.88
Mean y 22.12
RMS x 7.745
RMS y 5.29
side N [adc counts]
side P [adc counts]

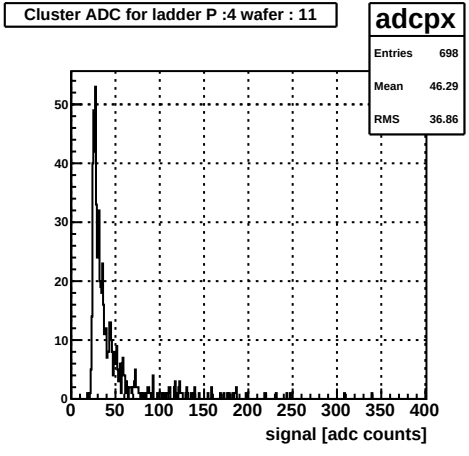

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 931
Mean 23.87
RMS 8.705
signal [adc counts]

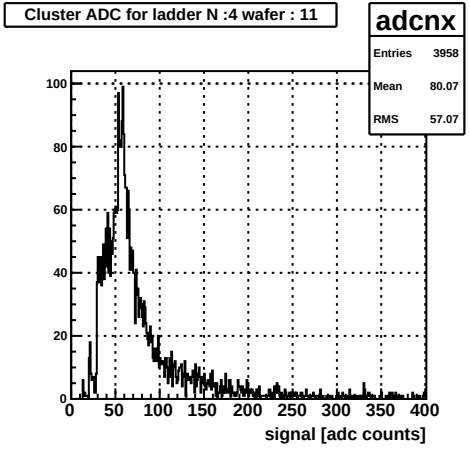

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 21784
Mean 27.2
RMS 16.88
signal [adc counts]

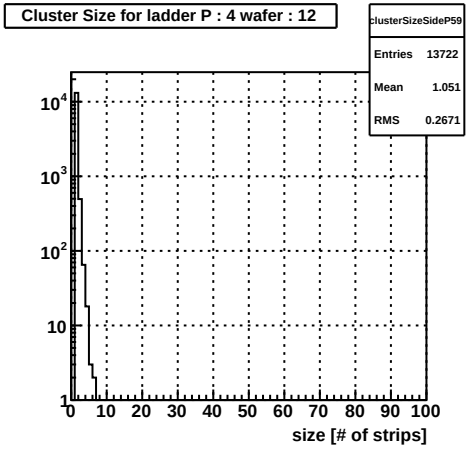

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 698
Mean 1.12
RMS 0.4603
size [# of strips]

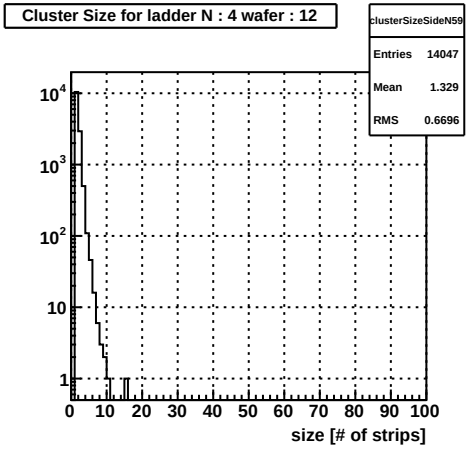

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3958
Mean 1.193
RMS 0.56
size [# of strips]

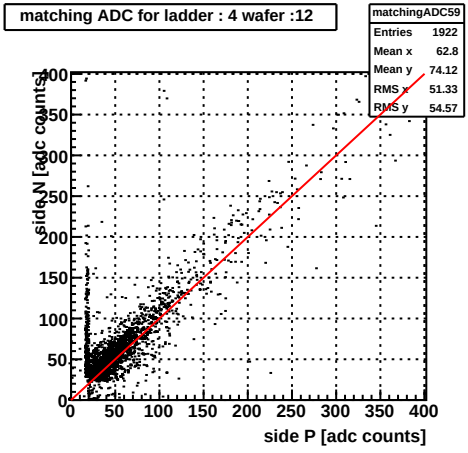

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 67
Mean x 45.41
Mean y 120.6
RMS x 33.42
RMS y 91.63
side N [adc counts]
side P [adc counts]

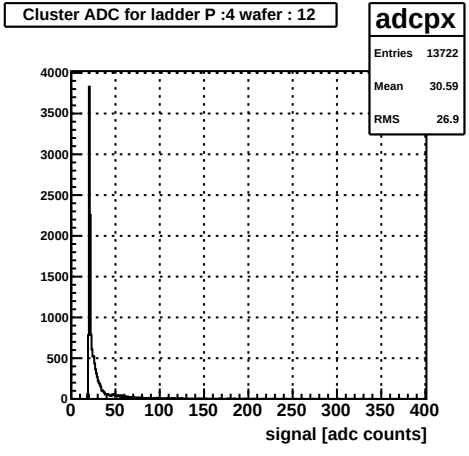

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 698
Mean 46.29
RMS 36.86
signal [adc counts]

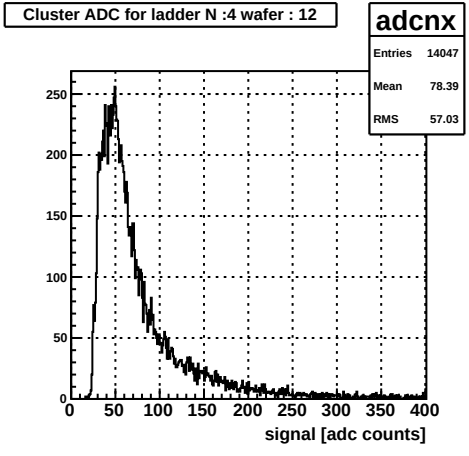

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3958
Mean 80.07
RMS 57.07
signal [adc counts]

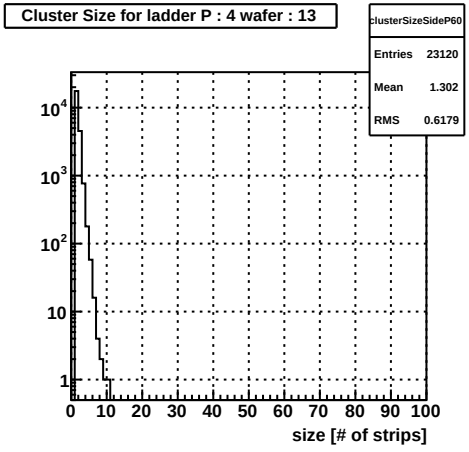

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 13722
Mean 1.051
RMS 0.2671
size [# of strips]

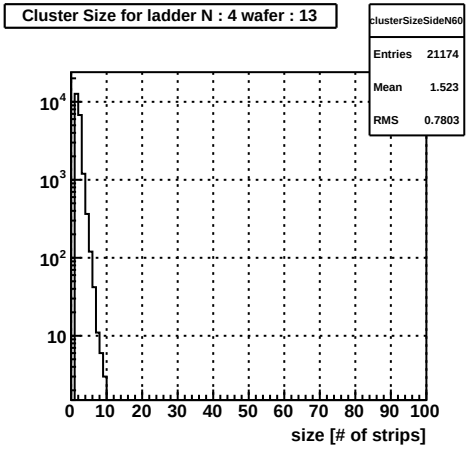

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 14047
Mean 1.329
RMS 0.6696
size [# of strips]

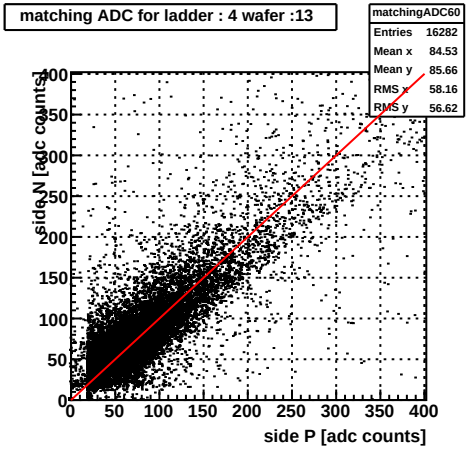

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1922
Mean x 62.8
Mean y 74.12
RMS x 51.33
RMS y 54.57
side N [adc counts]
side P [adc counts]

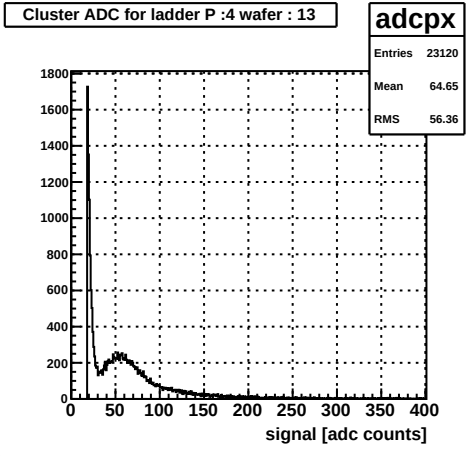

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 13722
Mean 30.59
RMS 26.9
signal [adc counts]

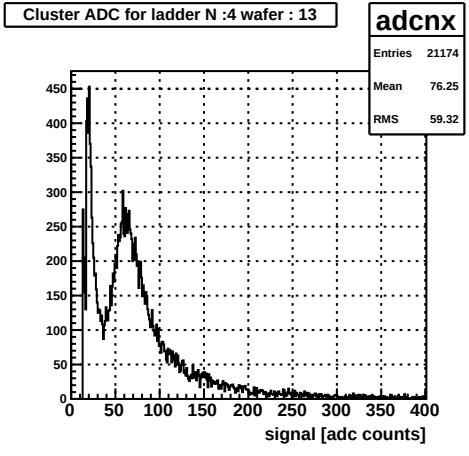

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 14047
Mean 78.39
RMS 57.03
signal [adc counts]

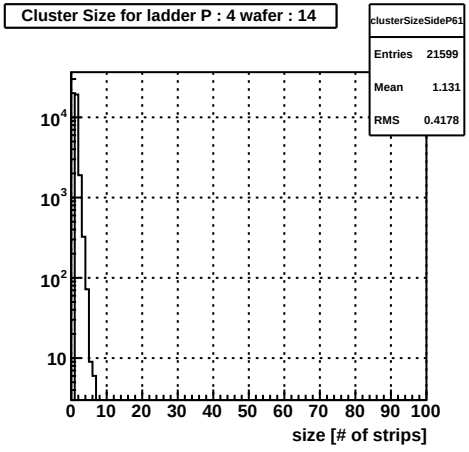

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 23120
Mean 1.302
RMS 0.6179
size [# of strips]

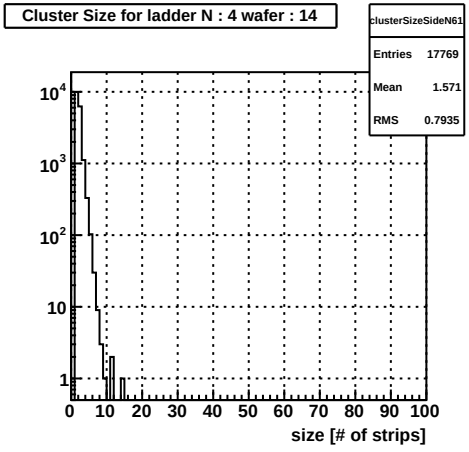

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 21174
Mean 1.523
RMS 0.7803
size [# of strips]

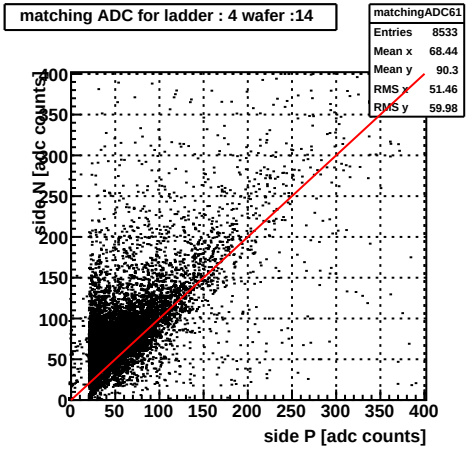

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 16282
Mean x 84.53
Mean y 85.66
RMS x 58.16
RMS y 56.62
side N [adc counts]
side P [adc counts]

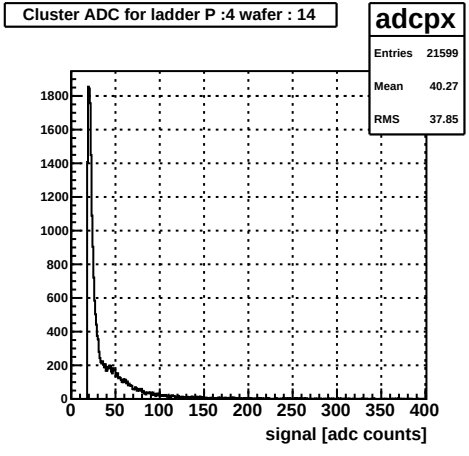

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 23120
Mean 64.65
RMS 56.36
signal [adc counts]

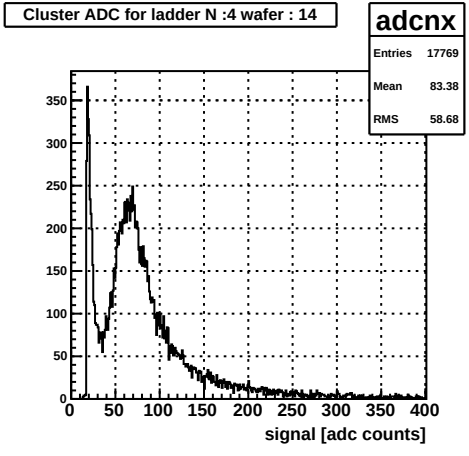

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 21174
Mean 76.25
RMS 59.32
signal [adc counts]

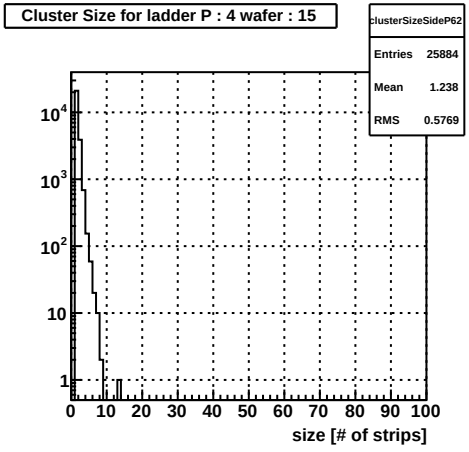

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 21599
Mean 1.131
RMS 0.4178
size [# of strips]

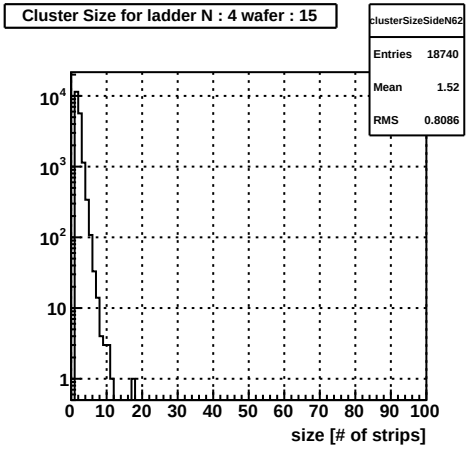

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 17769
Mean 1.571
RMS 0.7935
size [# of strips]

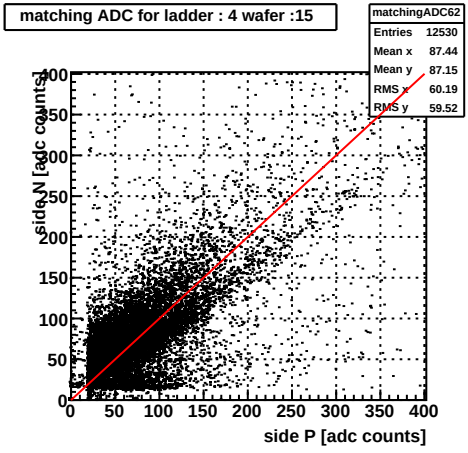

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 8533
Mean x 68.44
Mean y 90.3
RMS x 51.46
RMS y 59.98
side N [adc counts]
side P [adc counts]

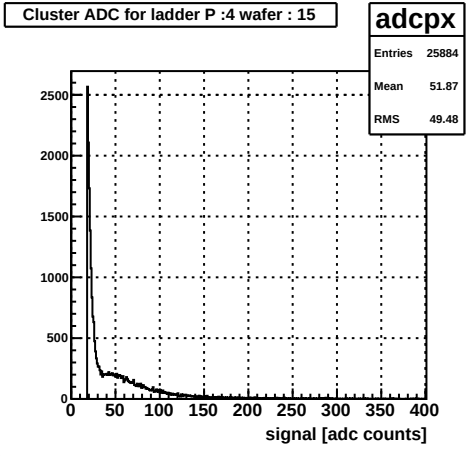

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 21599
Mean 40.27
RMS 37.85
signal [adc counts]

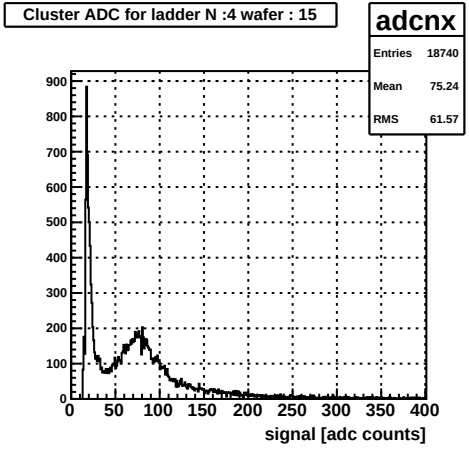

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 17769
Mean 83.38
RMS 58.68
signal [adc counts]

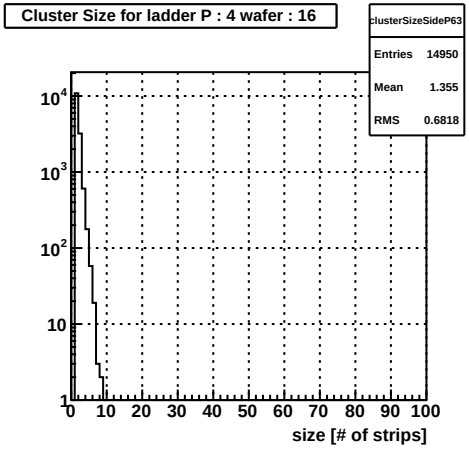

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 25884
Mean 1.238
RMS 0.5769
size [# of strips]

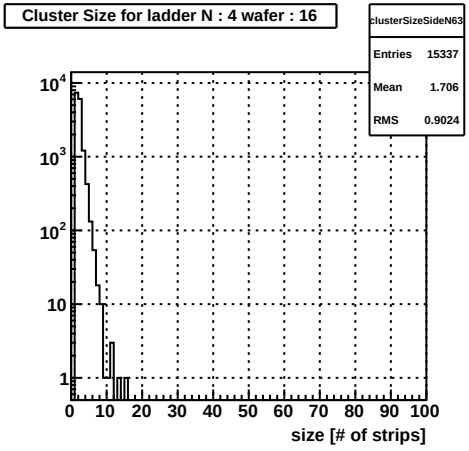

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 18740
Mean 1.52
RMS 0.8086
size [# of strips]

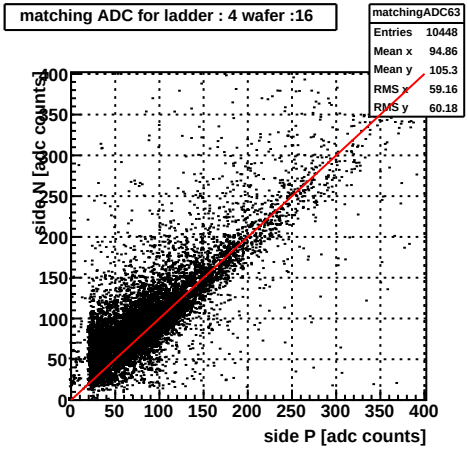

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 12530
Mean x 87.44
Mean y 87.15
RMS x 60.19
RMS y 59.52
side N [adc counts]
side P [adc counts]

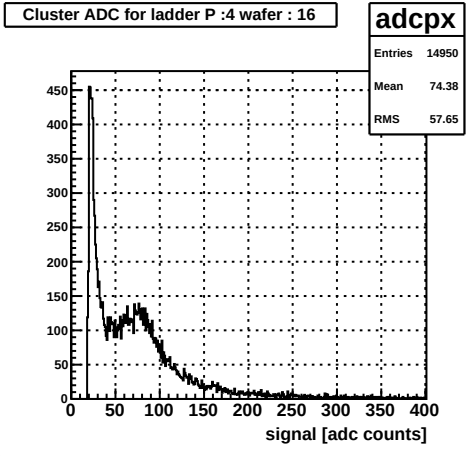

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 25884
Mean 51.87
RMS 49.48
signal [adc counts]

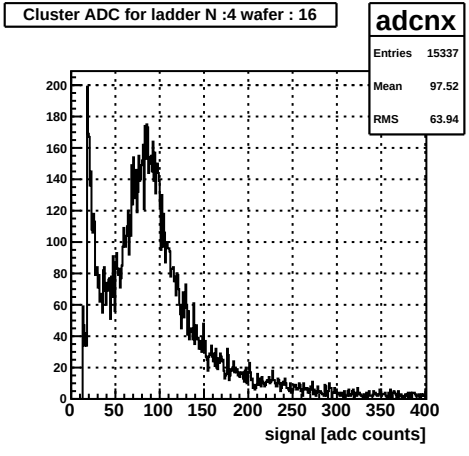

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 18740
Mean 75.24
RMS 61.57
signal [adc counts]

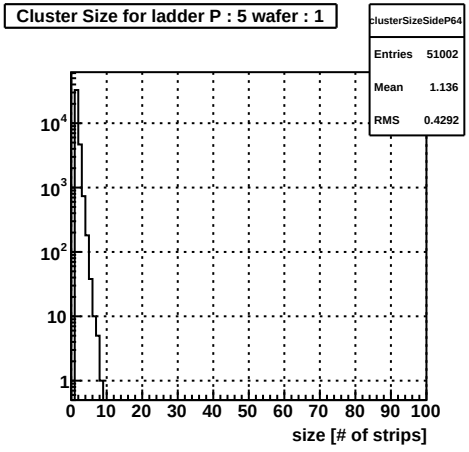

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 14950
Mean 1.355
RMS 0.6818
size [# of strips]

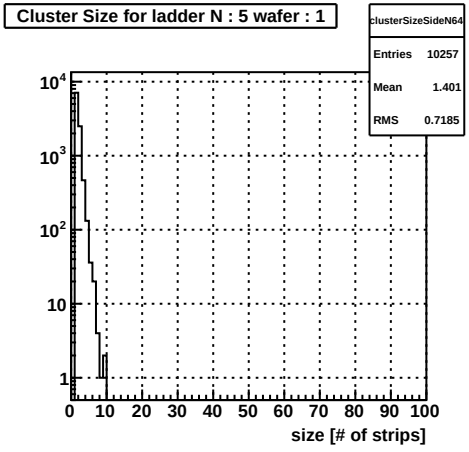

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 15337
Mean 1.706
RMS 0.9024
size [# of strips]

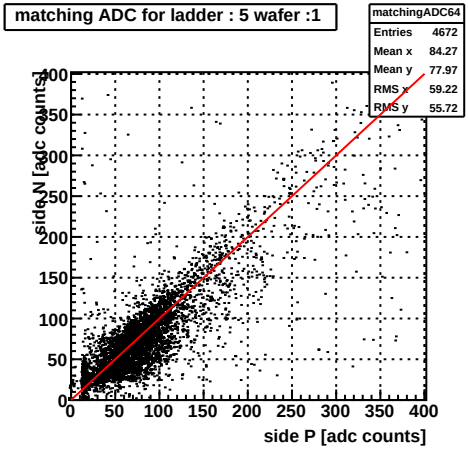

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 10448
Mean x 94.86
Mean y 105.3
RMS x 59.16
RMS y 60.18
side N [adc counts]
side P [adc counts]

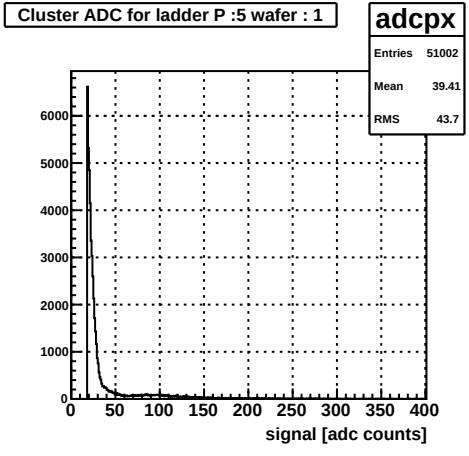

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 14950
Mean 74.38
RMS 57.65
signal [adc counts]

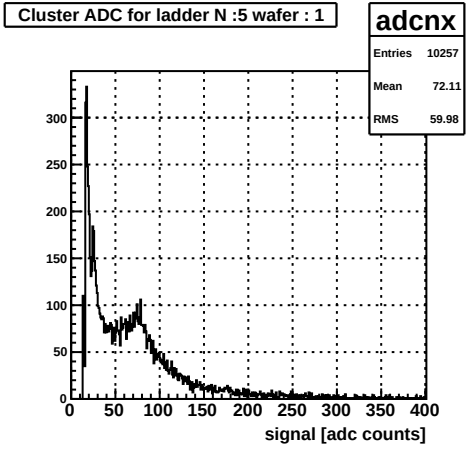

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 15337
Mean 97.52
RMS 63.94
signal [adc counts]

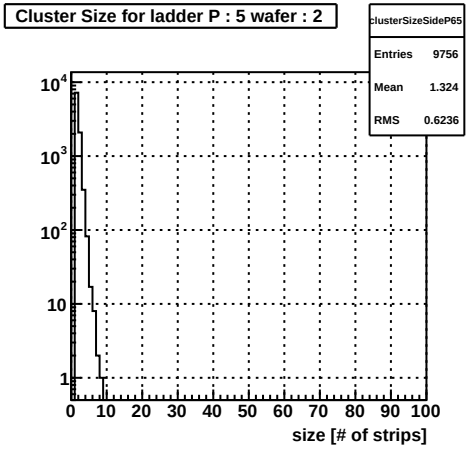

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 51002
Mean 1.136
RMS 0.4292
size [# of strips]

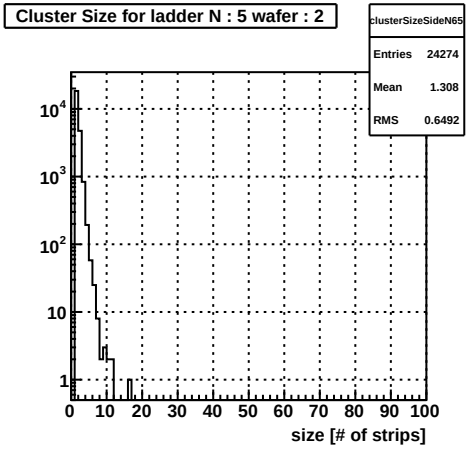

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 10257
Mean 1.401
RMS 0.7185
size [# of strips]

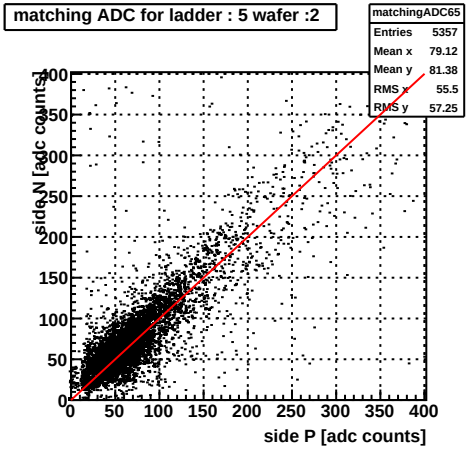

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4672
Mean x 84.27
Mean y 77.97
RMS x 59.22
RMS y 55.72
side N [adc counts]
side P [adc counts]

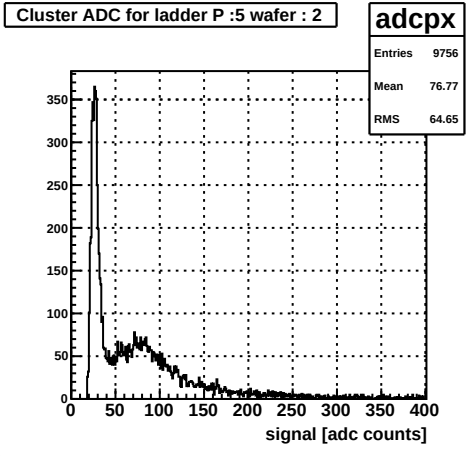

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 51002
Mean 39.41
RMS 43.7
signal [adc counts]

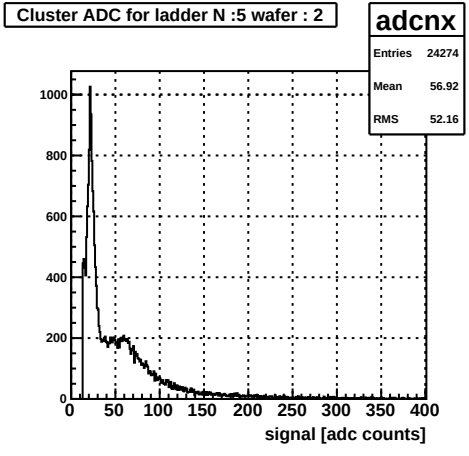

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 10257
Mean 72.11
RMS 59.98
signal [adc counts]

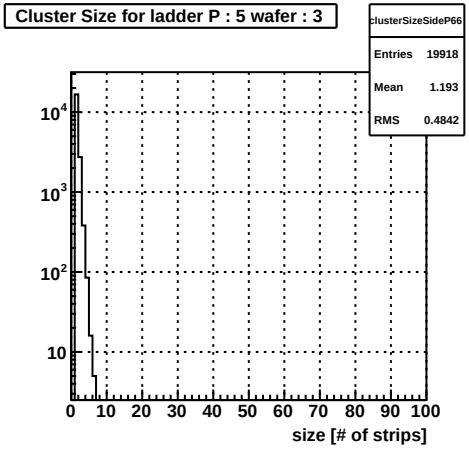

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 9756
Mean 1.324
RMS 0.6236
size [# of strips]

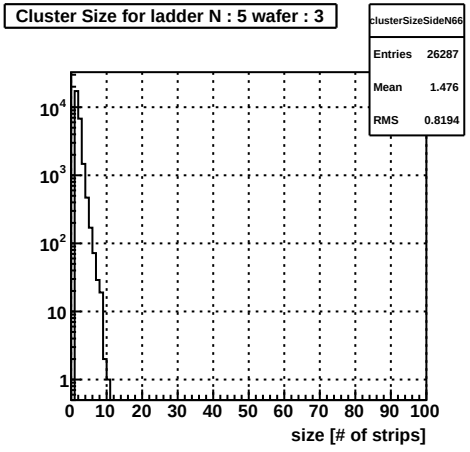

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 24274
Mean 1.308
RMS 0.6492
size [# of strips]

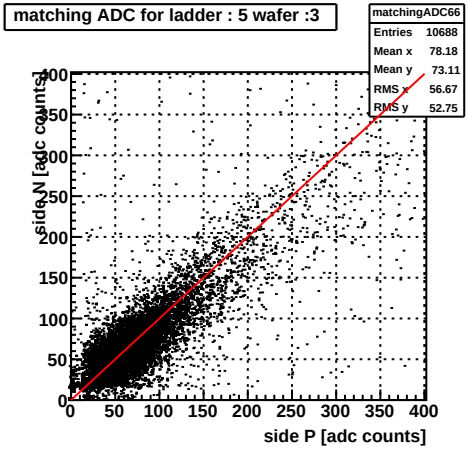

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 5357
Mean x 79.12
Mean y 81.38
RMS x 55.5
RMS y 57.25
side N [adc counts]
side P [adc counts]

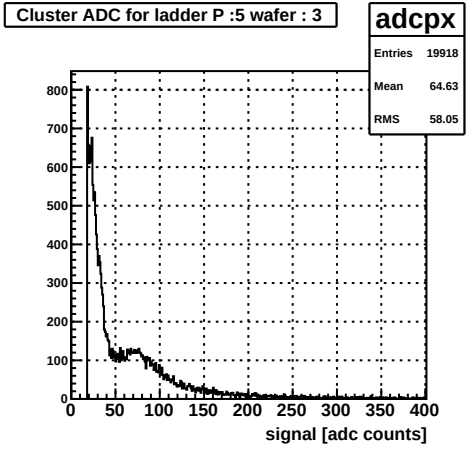

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 9756
Mean 76.77
RMS 64.65
signal [adc counts]

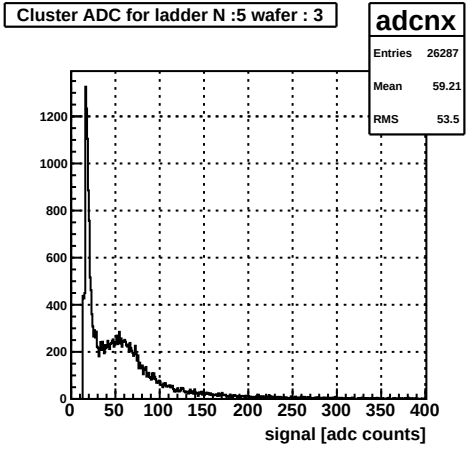

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 24274
Mean 56.92
RMS 52.16
signal [adc counts]

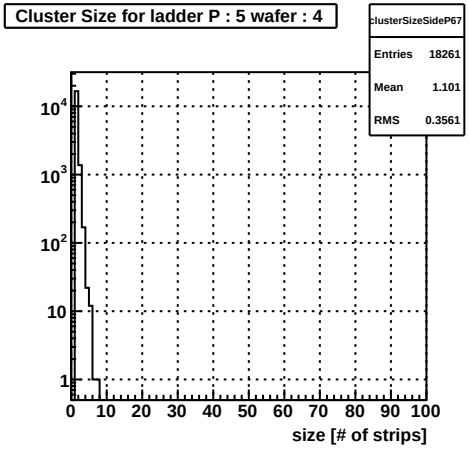

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 19918
Mean 1.193
RMS 0.4842
size [# of strips]

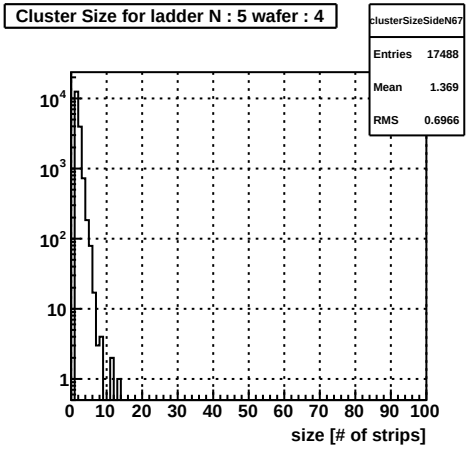

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 26287
Mean 1.476
RMS 0.8194
size [# of strips]

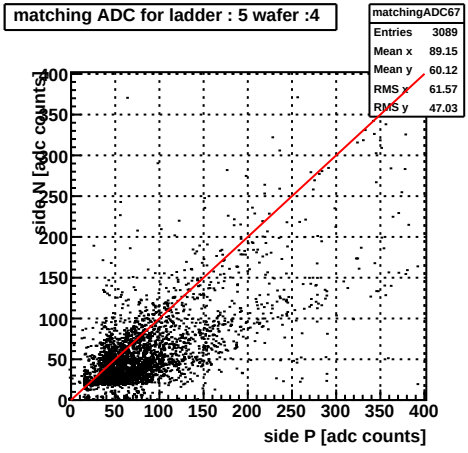

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 10688
Mean x 78.18
Mean y 73.11
RMS x 56.67
RMS y 52.75
side N [adc counts]
side P [adc counts]

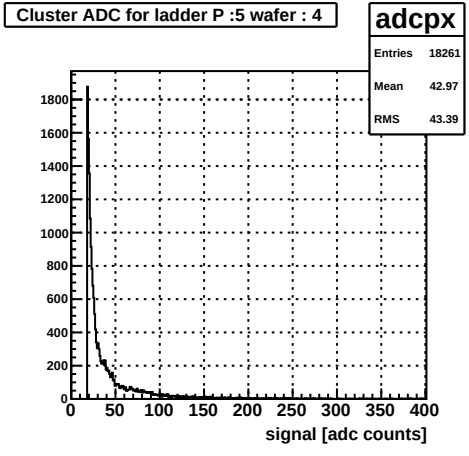

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 19918
Mean 64.63
RMS 58.05
signal [adc counts]

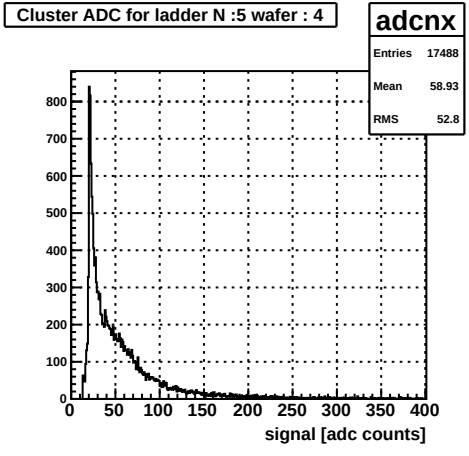

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 26287
Mean 59.21
RMS 53.5
signal [adc counts]

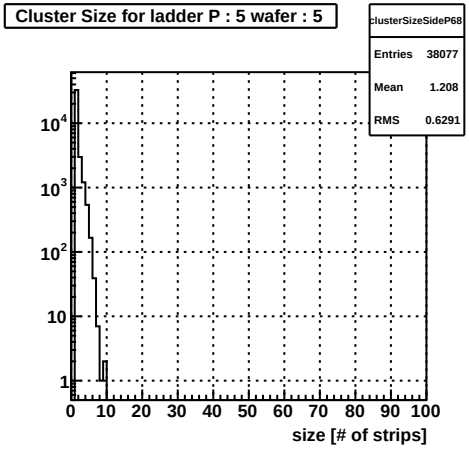

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 18261
Mean 1.101
RMS 0.3561
size [# of strips]

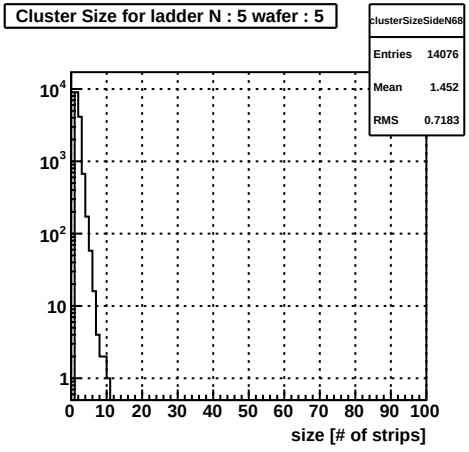

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 17488
Mean 1.369
RMS 0.6966
size [# of strips]

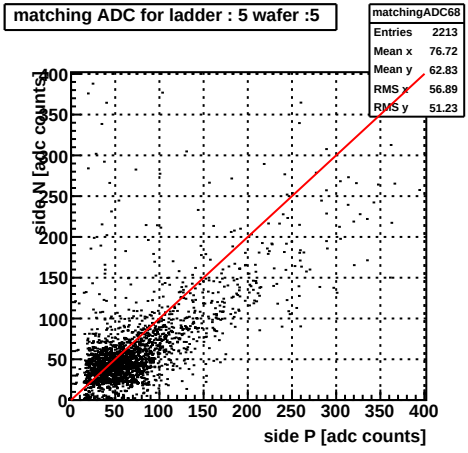

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 3089
Mean x 89.15
Mean y 60.12
RMS x 61.57
RMS y 47.03
side N [adc counts]
side P [adc counts]

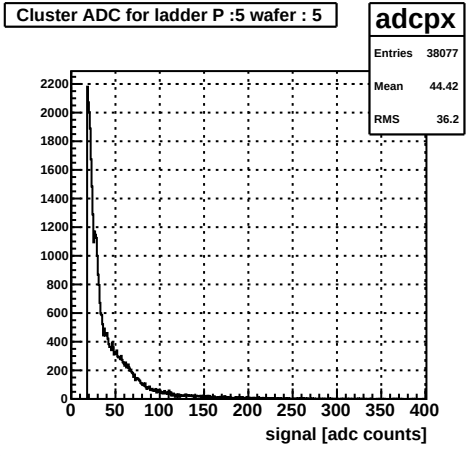

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 18261
Mean 42.97
RMS 43.39
signal [adc counts]

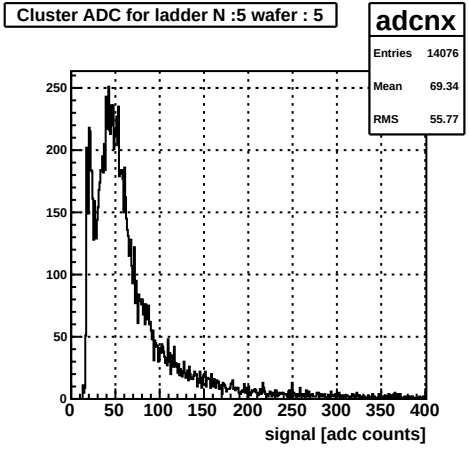

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 17488
Mean 58.93
RMS 52.8
signal [adc counts]

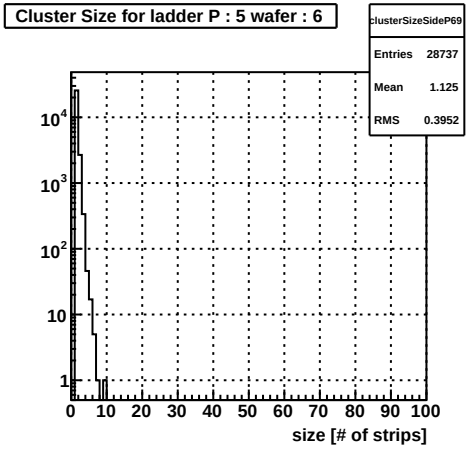

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 38077
Mean 1.208
RMS 0.6291
size [# of strips]

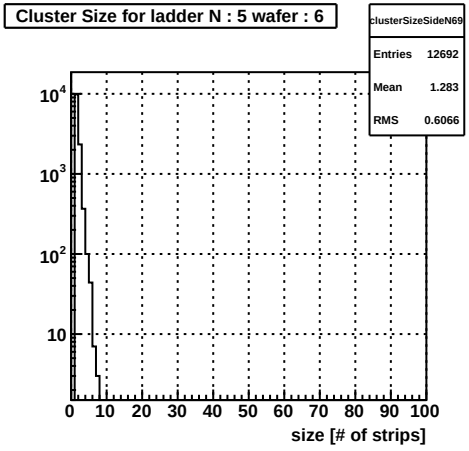

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 14076
Mean 1.452
RMS 0.7183
size [# of strips]

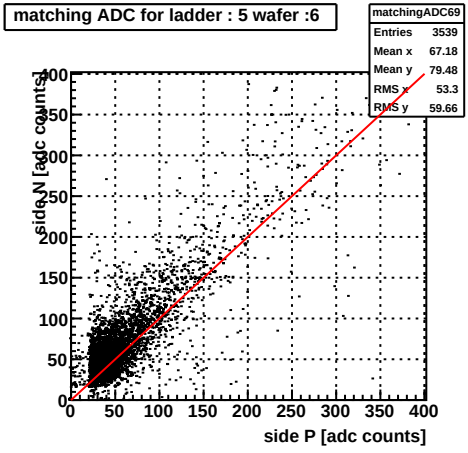

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 2213
Mean x 76.72
Mean y 62.83
RMS x 56.89
RMS y 51.23
side N [adc counts]
side P [adc counts]

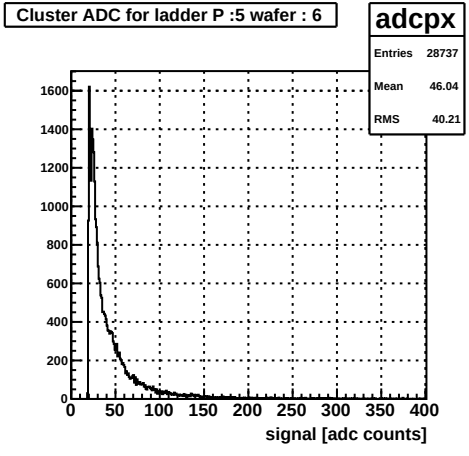

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 38077
Mean 44.42
RMS 36.2
signal [adc counts]

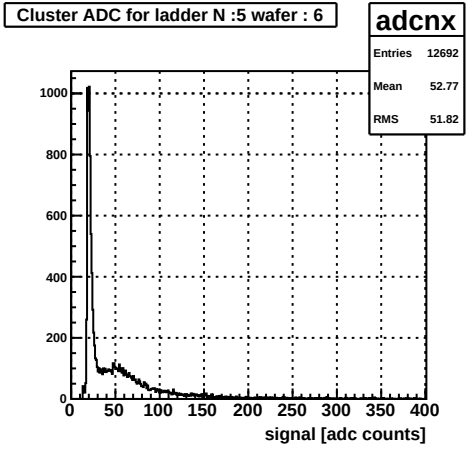

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 14076
Mean 69.34
RMS 55.77
signal [adc counts]

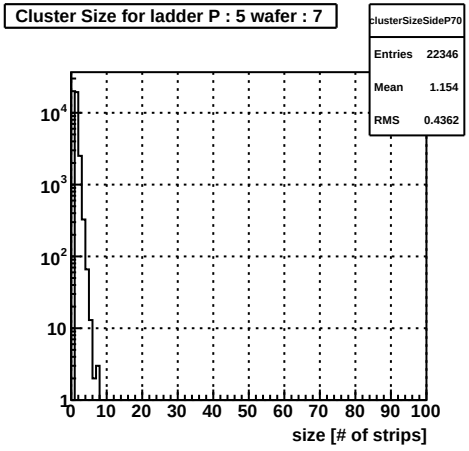

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 28737
Mean 1.125
RMS 0.3952
size [# of strips]

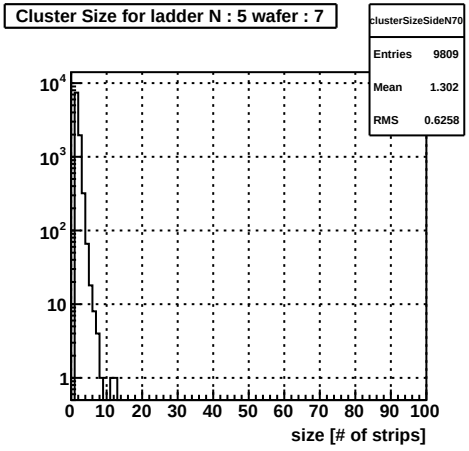

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 12692
Mean 1.283
RMS 0.6066
size [# of strips]

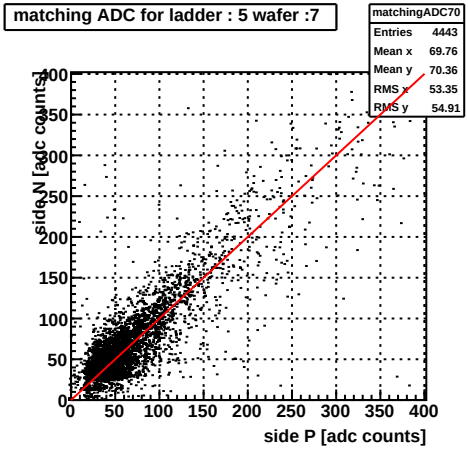

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 3539
Mean x 67.18
Mean y 79.48
RMS x 53.3
RMS y 59.66
side N [adc counts]
side P [adc counts]

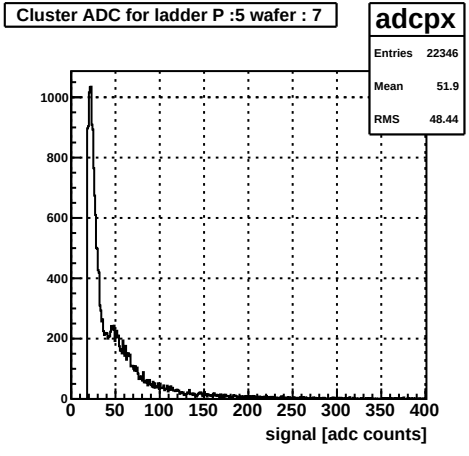

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 28737
Mean 46.04
RMS 40.21
signal [adc counts]

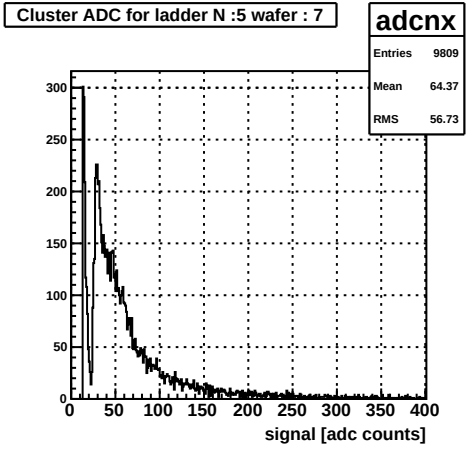

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 12692
Mean 52.77
RMS 51.82
signal [adc counts]

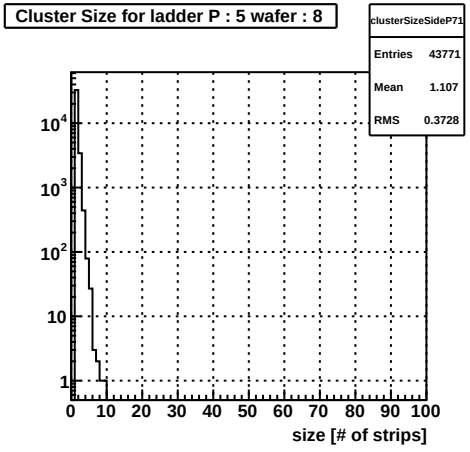

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 22346
Mean 1.154
RMS 0.4362
size [# of strips]

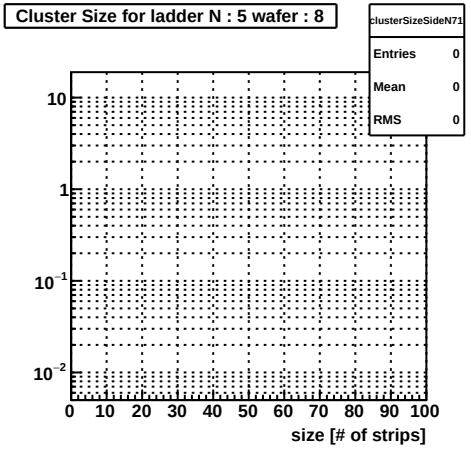

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 9809
Mean 1.302
RMS 0.6258
size [# of strips]

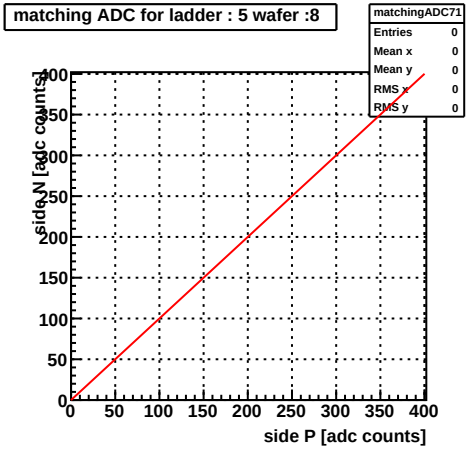

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 4443
Mean x 69.76
Mean y 70.36
RMS x 53.35
RMS y 54.91
side N [adc counts]
side P [adc counts]

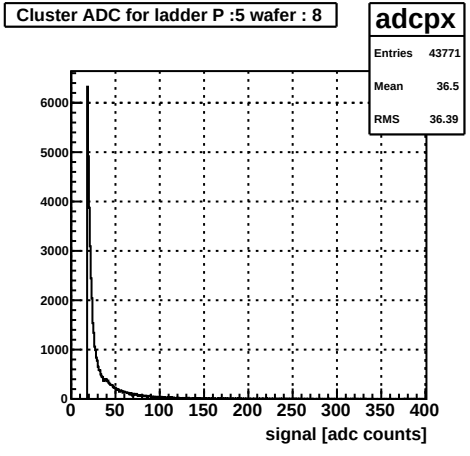

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 22346
Mean 51.9
RMS 48.44
signal [adc counts]

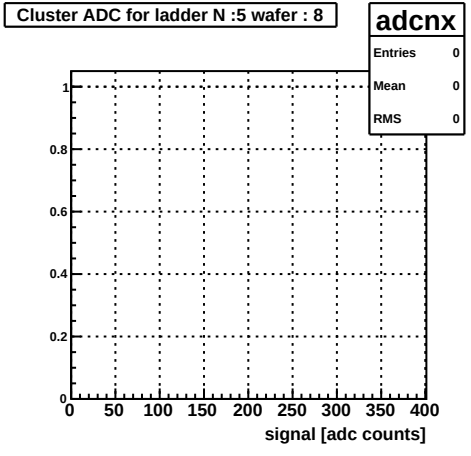

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 9809
Mean 64.37
RMS 56.73
signal [adc counts]

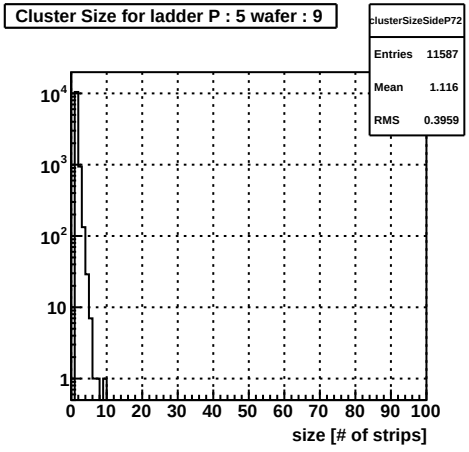

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 43771
Mean 1.107
RMS 0.3728
size [# of strips]

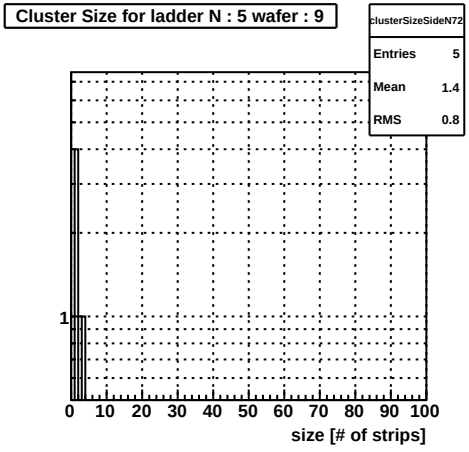

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

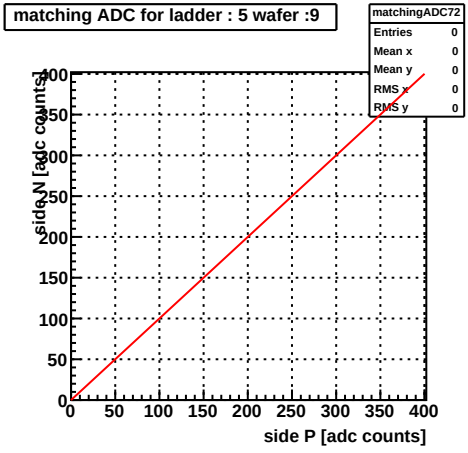

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

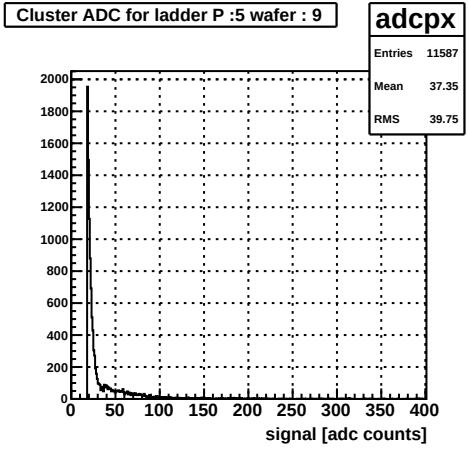

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 43771
Mean 36.5
RMS 36.39
signal [adc counts]

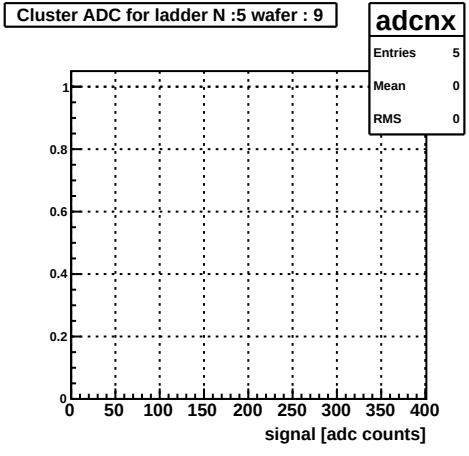

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

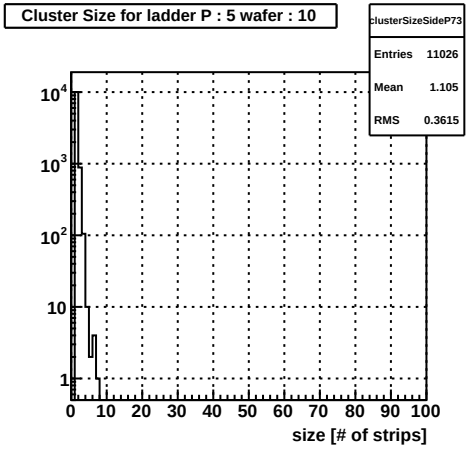

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 11587
Mean 1.116
RMS 0.3959
size [# of strips]

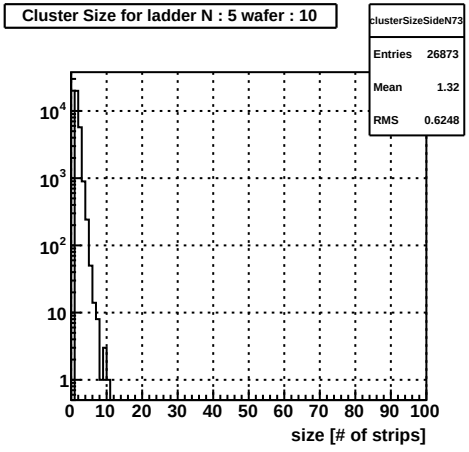

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

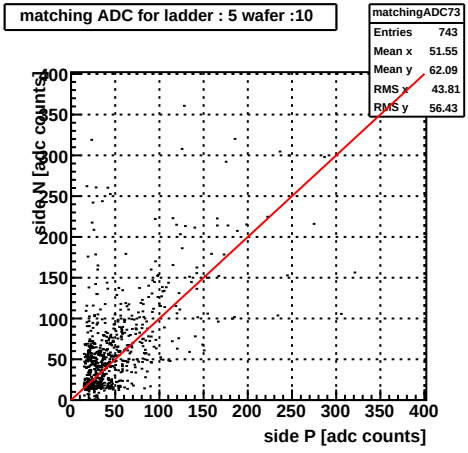

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

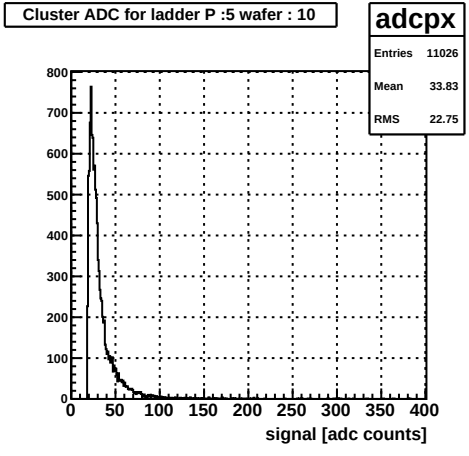

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 11587
Mean 37.35
RMS 39.75
signal [adc counts]

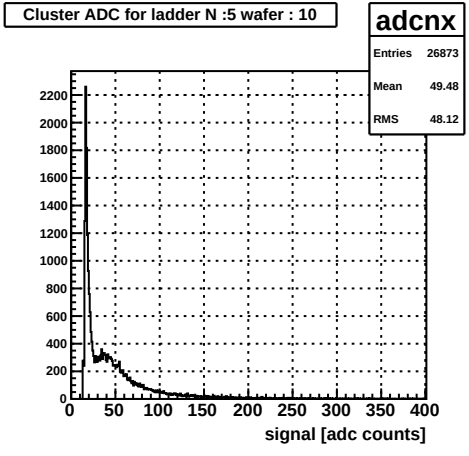

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

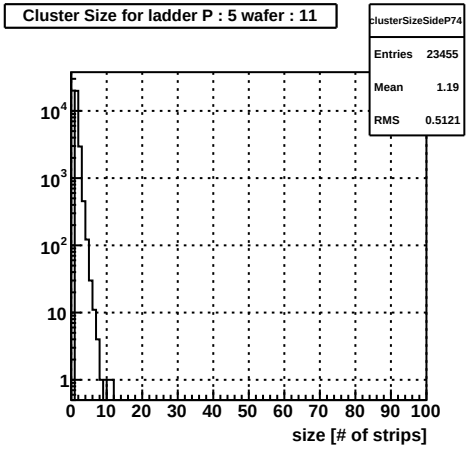

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11026
Mean 1.105
RMS 0.3615
size [# of strips]

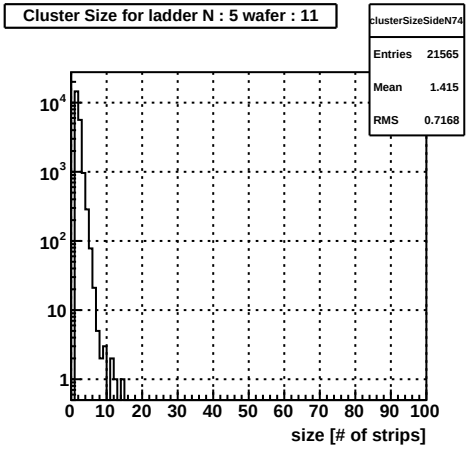

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 26873
Mean 1.32
RMS 0.6248
size [# of strips]

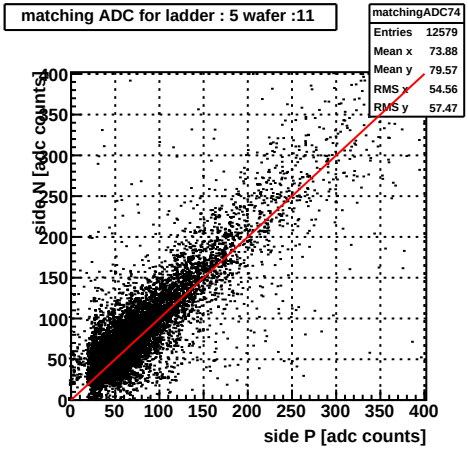

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 743
Mean x 51.55
Mean y 62.09
RMS x 43.81
RMS y 56.43
side N [adc counts]
side P [adc counts]

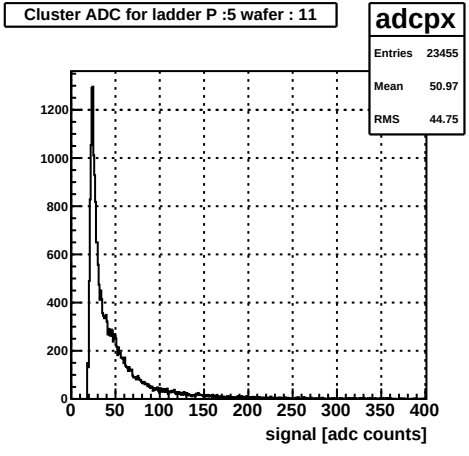

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11026
Mean 33.83
RMS 22.75
signal [adc counts]

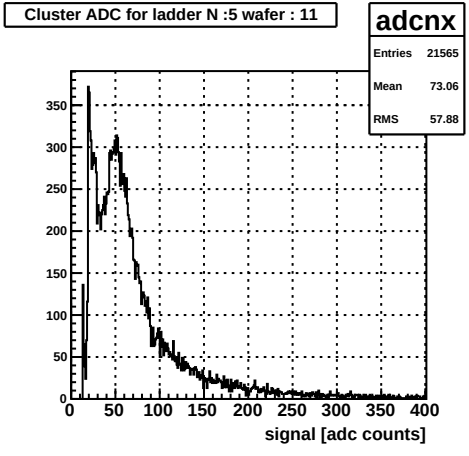

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 26873
Mean 49.48
RMS 48.12
signal [adc counts]

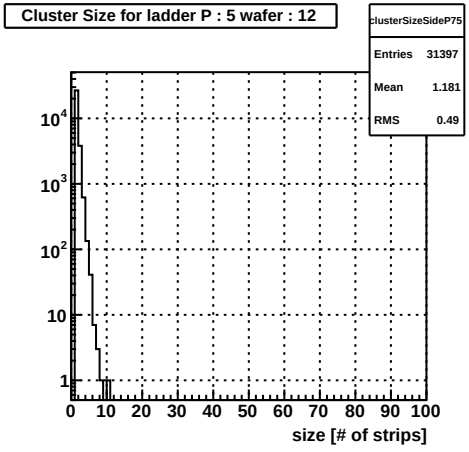

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 23455
Mean 1.19
RMS 0.5121
size [# of strips]

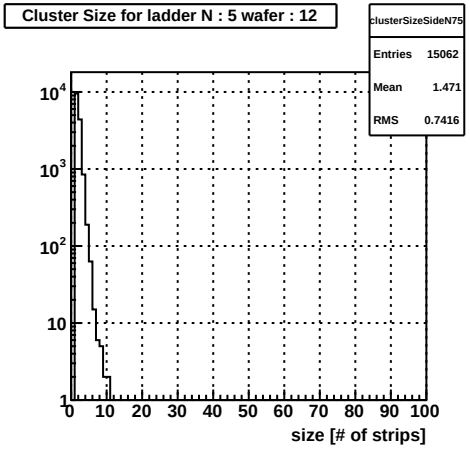

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 21565
Mean 1.415
RMS 0.7168
size [# of strips]

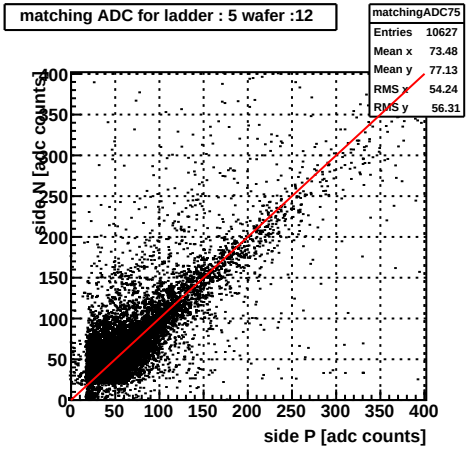

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 12579
Mean x 73.88
Mean y 79.57
RMS x 54.56
RMS y 57.47
side N [adc counts]
side P [adc counts]

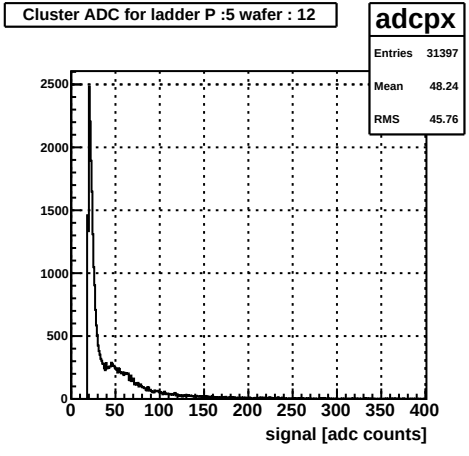

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 23455
Mean 50.97
RMS 44.75
signal [adc counts]

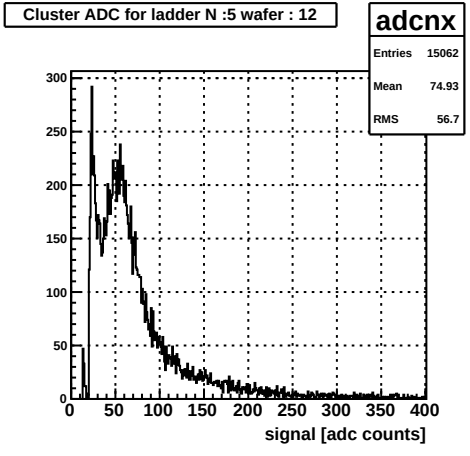

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 21565
Mean 73.06
RMS 57.88
signal [adc counts]

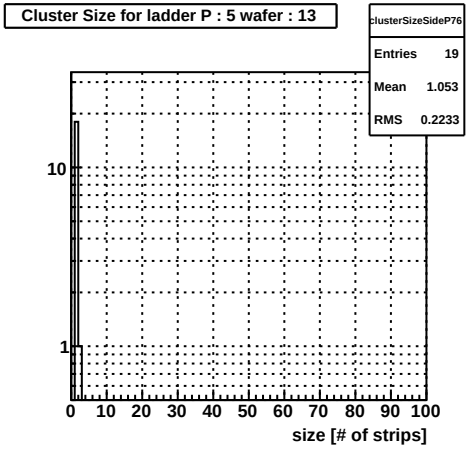

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 31397
Mean 1.181
RMS 0.49
size [# of strips]

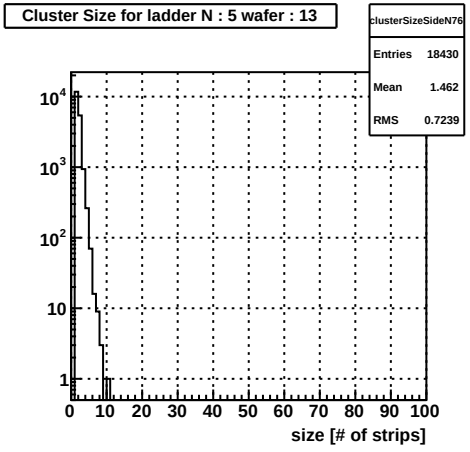

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 15062
Mean 1.471
RMS 0.7416
size [# of strips]

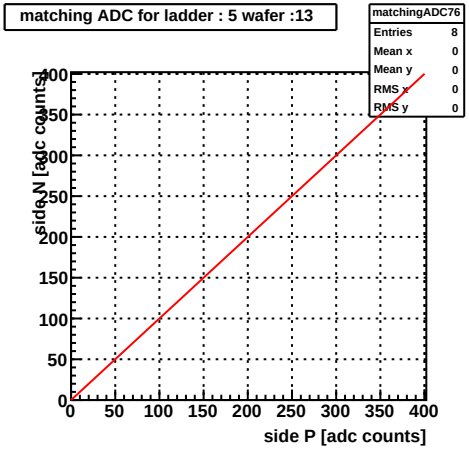

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 10627
Mean x 73.48
Mean y 77.13
RMS x 54.24
RMS y 56.31
side N [adc counts]
side P [adc counts]

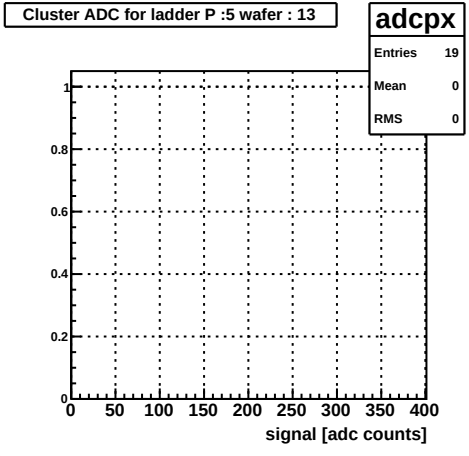

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 31397
Mean 48.24
RMS 45.76
signal [adc counts]

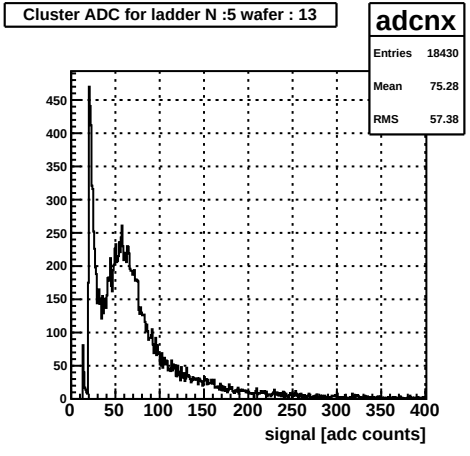

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 15062
Mean 74.93
RMS 56.7
signal [adc counts]

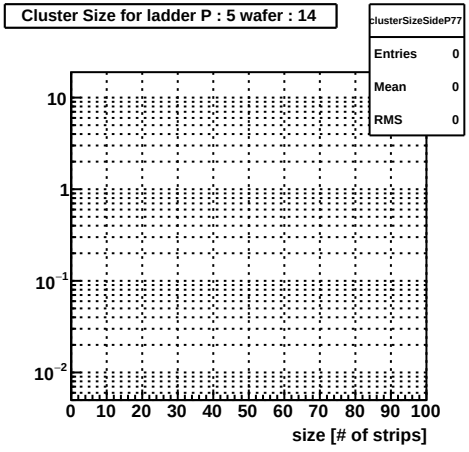

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 19
Mean 1.053
RMS 0.2233
size [# of strips]

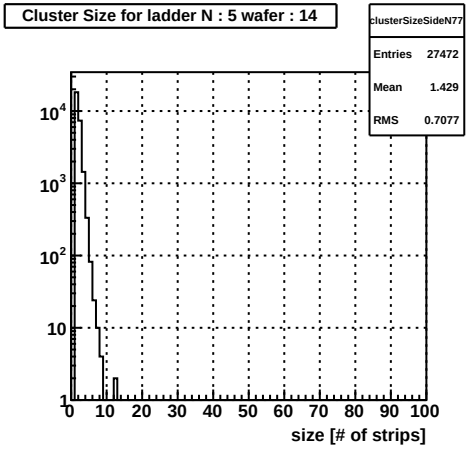

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 18430
Mean 1.462
RMS 0.7239
size [# of strips]

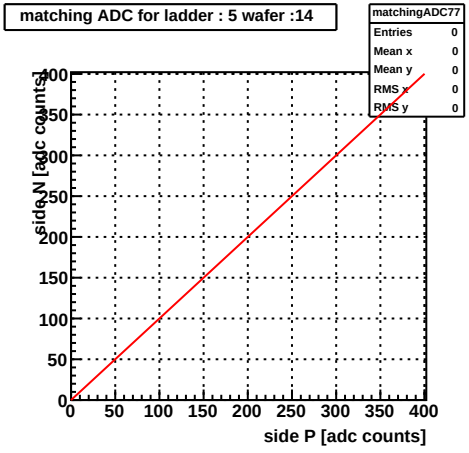

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

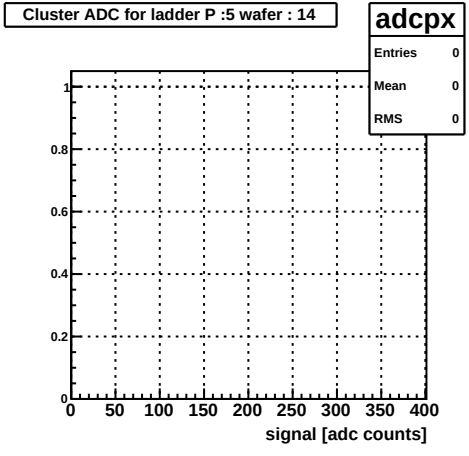

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

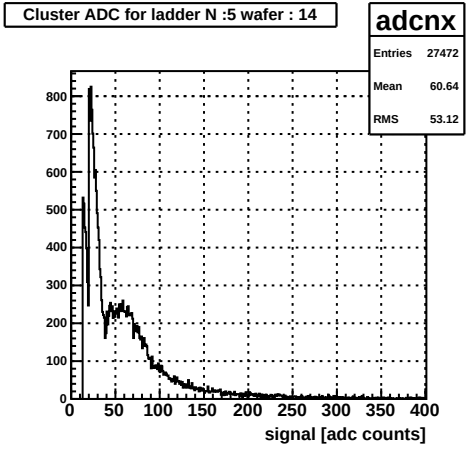

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 18430
Mean 75.28
RMS 57.38
signal [adc counts]

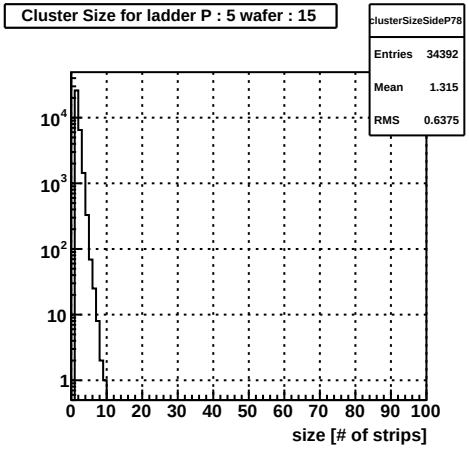

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

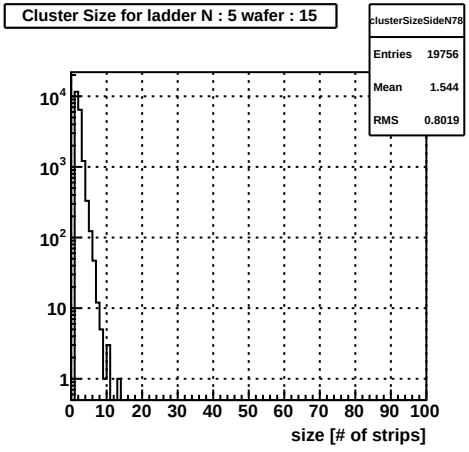

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 27472
Mean 1.429
RMS 0.7077
size [# of strips]

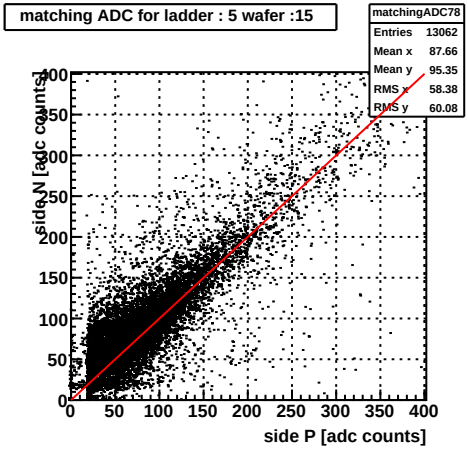

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

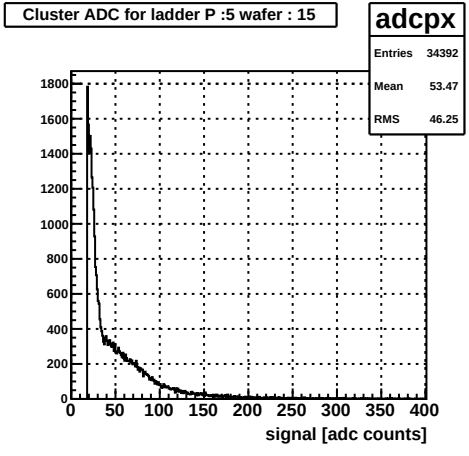

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

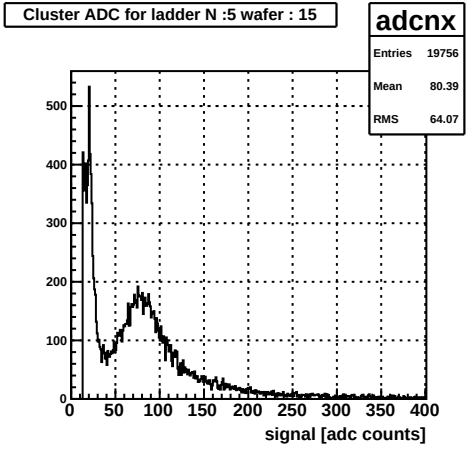

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 27472
Mean 60.64
RMS 53.12
signal [adc counts]

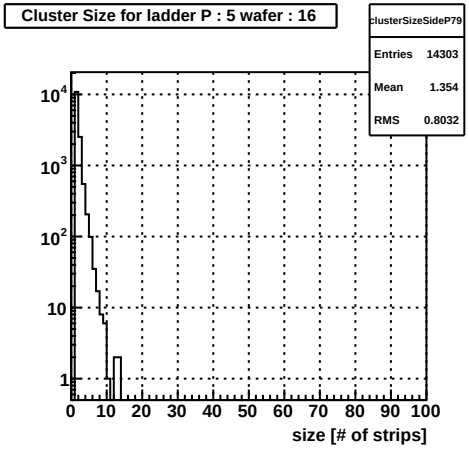

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 34392
Mean 1.315
RMS 0.6375
size [# of strips]

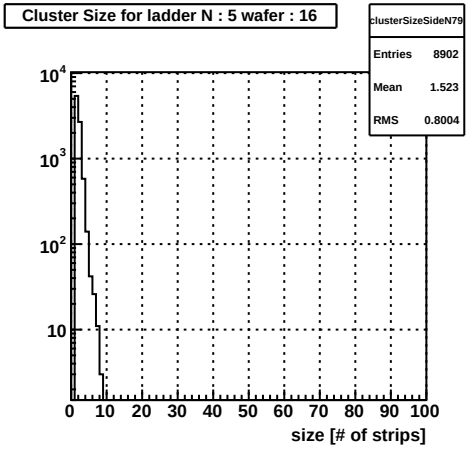

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 19756
Mean 1.544
RMS 0.8019
size [# of strips]

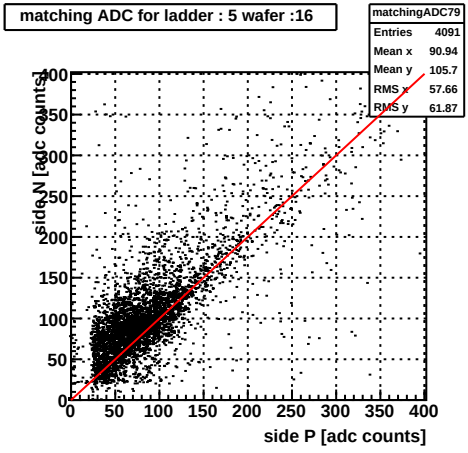

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 13062
Mean x 87.66
Mean y 95.35
RMS x 58.38
RMS y 60.08
side N [adc counts]
side P [adc counts]

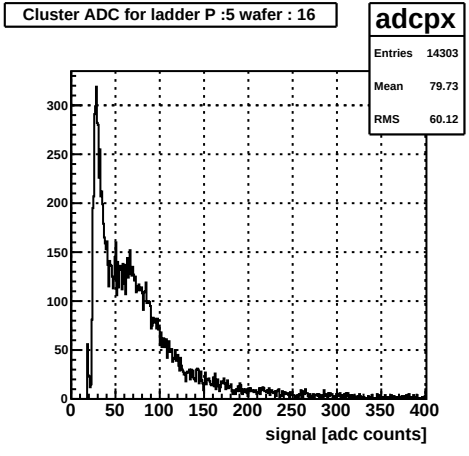

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 34392
Mean 53.47
RMS 46.25
signal [adc counts]

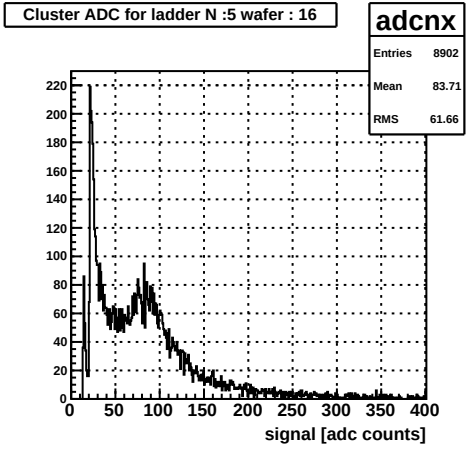

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 19756
Mean 80.39
RMS 64.07
signal [adc counts]

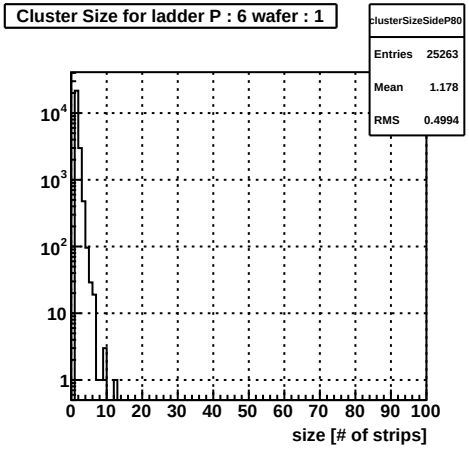

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 14303
Mean 1.354
RMS 0.8032
size [# of strips]

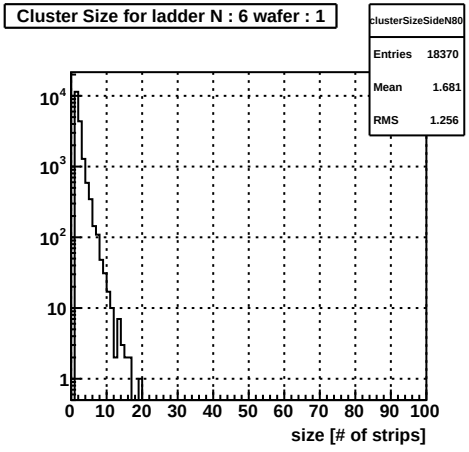

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 8902
Mean 1.523
RMS 0.8004
size [# of strips]

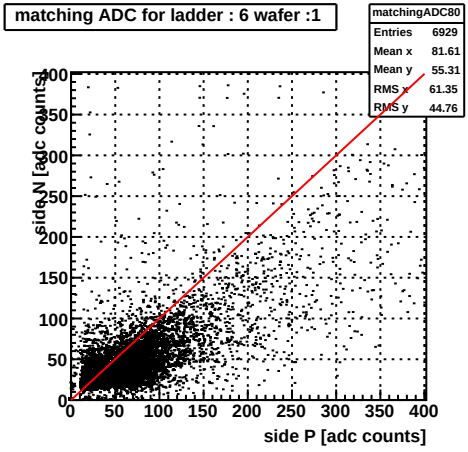

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 4091
Mean x 90.94
Mean y 105.7
RMS x 57.66
RMS y 61.87
side N [adc counts]
side P [adc counts]

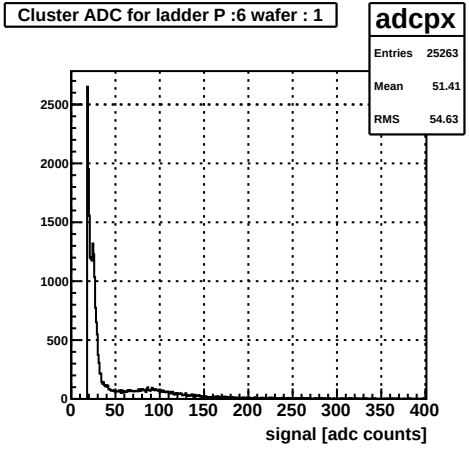

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 14303
Mean 79.73
RMS 60.12
signal [adc counts]

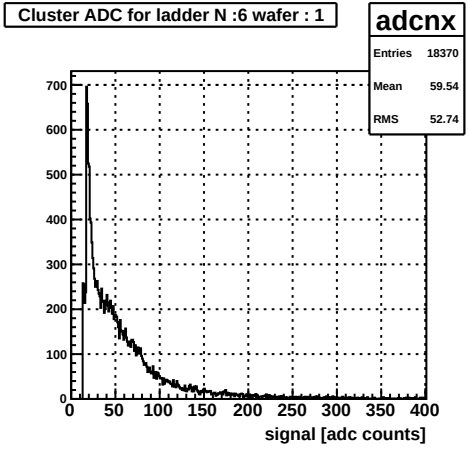

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 8902
Mean 83.71
RMS 61.66
signal [adc counts]

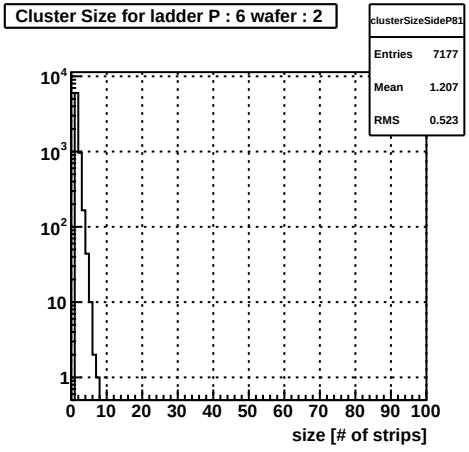

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 25263
Mean 1.178
RMS 0.4994
size [# of strips]

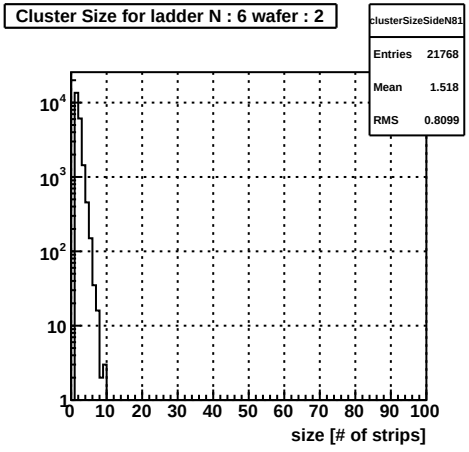

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 18370
Mean 1.681
RMS 1.256
size [# of strips]

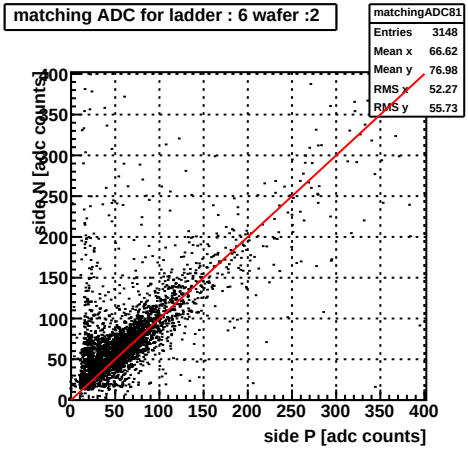

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 6929
Mean x 81.61
Mean y 55.31
RMS x 61.35
RMS y 44.76
side N [adc counts]
side P [adc counts]

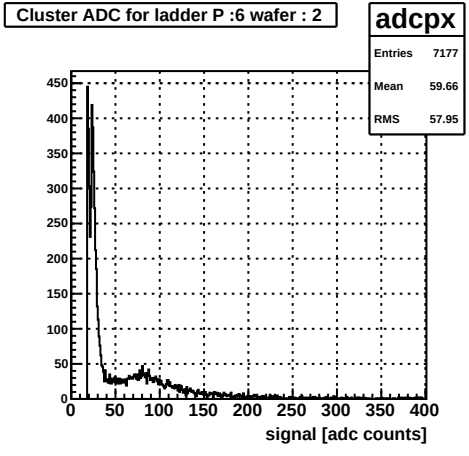

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 25263
Mean 51.41
RMS 54.63
signal [adc counts]

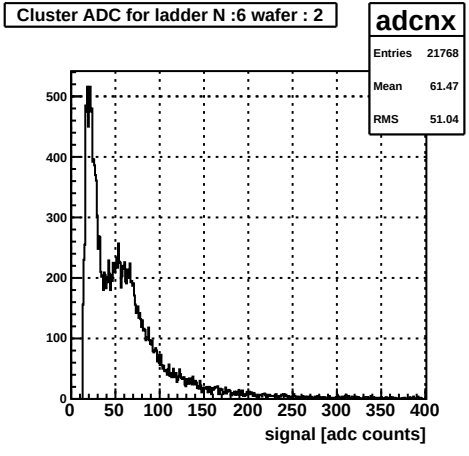

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 18370
Mean 59.54
RMS 52.74
signal [adc counts]

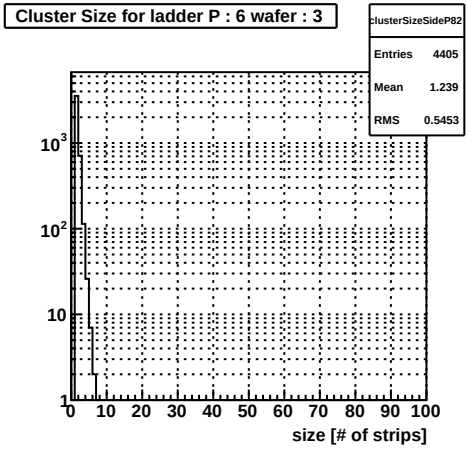

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 7177
Mean 1.207
RMS 0.523
size [# of strips]

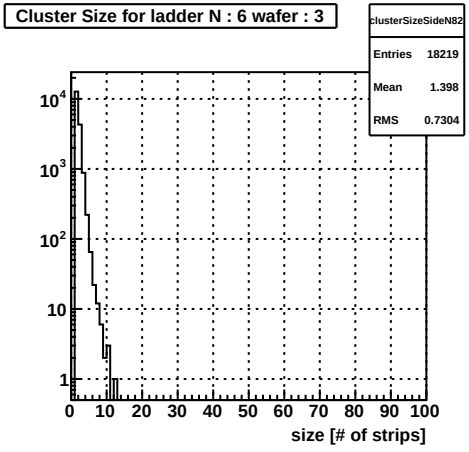

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 21768
Mean 1.518
RMS 0.8099
size [# of strips]

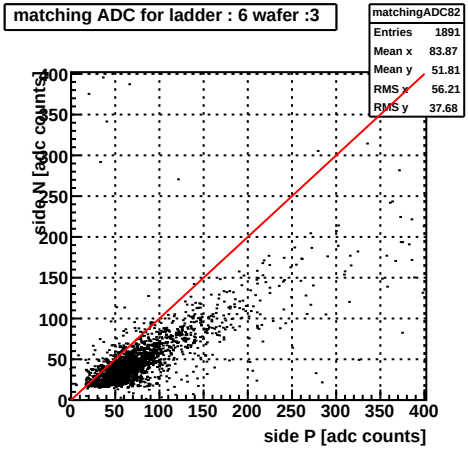

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 3148
Mean x 66.62
Mean y 76.98
RMS x 52.27
RMS y 55.73
side N [adc counts]
side P [adc counts]

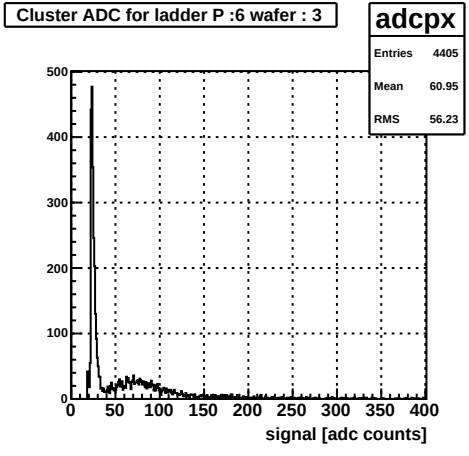

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 7177
Mean 59.66
RMS 57.95
signal [adc counts]

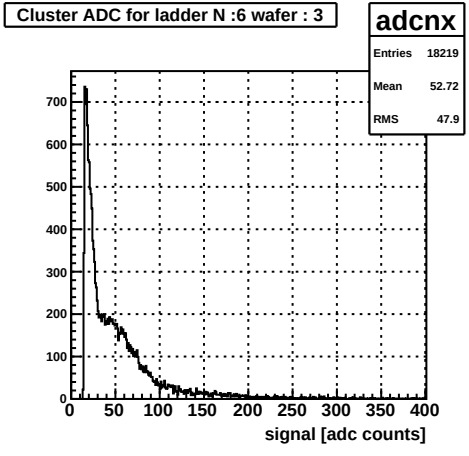

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 21768
Mean 61.47
RMS 51.04
signal [adc counts]

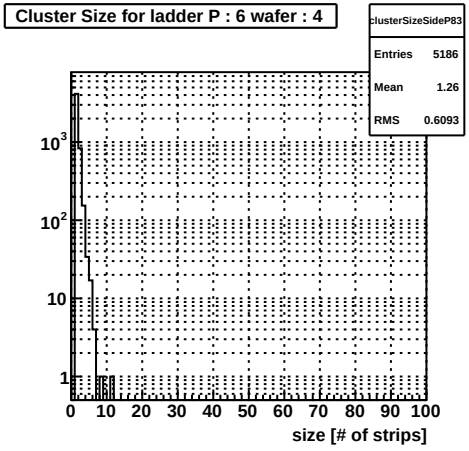

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 4405
Mean 1.239
RMS 0.5453
size [# of strips]

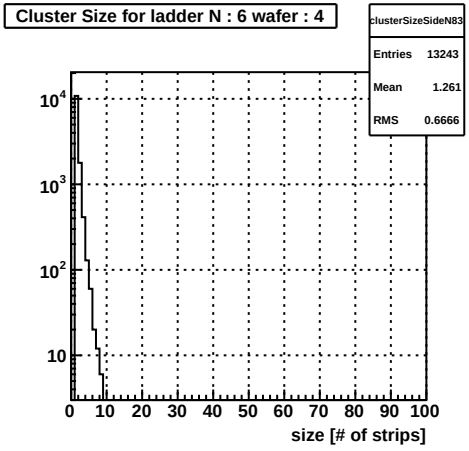

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 18219
Mean 1.398
RMS 0.7304
size [# of strips]

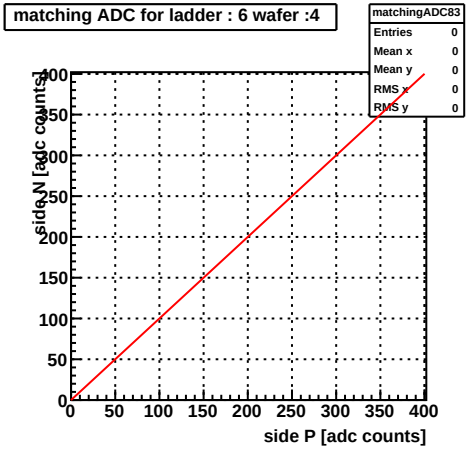

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1891
Mean x 83.87
Mean y 51.81
RMS x 56.21
RMS y 37.68
side N [adc counts]
side P [adc counts]

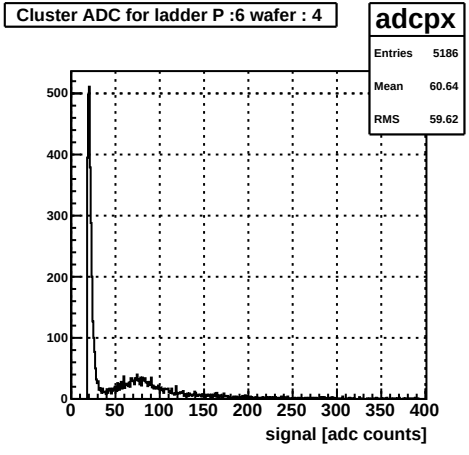

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 4405
Mean 60.95
RMS 56.23
signal [adc counts]

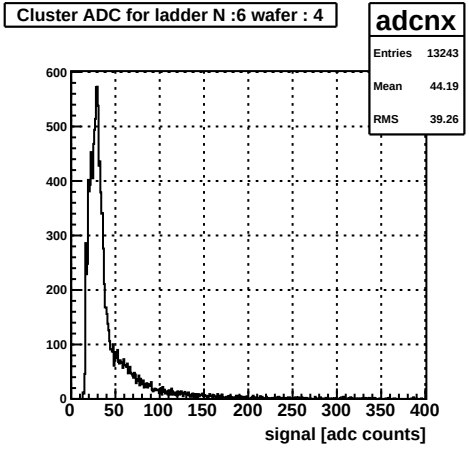

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 18219
Mean 52.72
RMS 47.9
signal [adc counts]

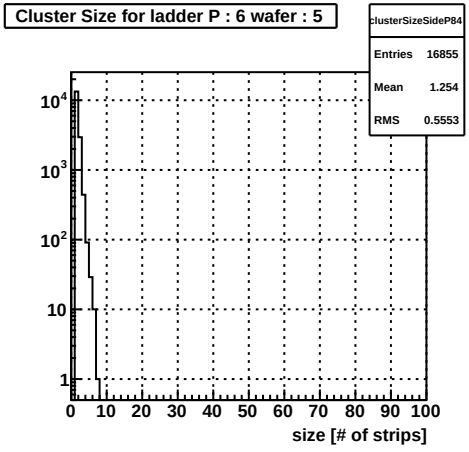

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 5186
Mean 1.26
RMS 0.6093
size [# of strips]

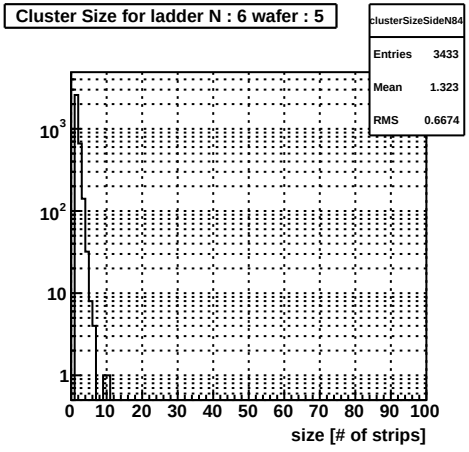

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 13243
Mean 1.261
RMS 0.6666
size [# of strips]

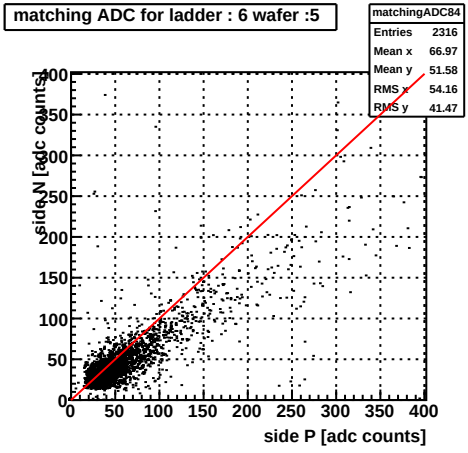

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

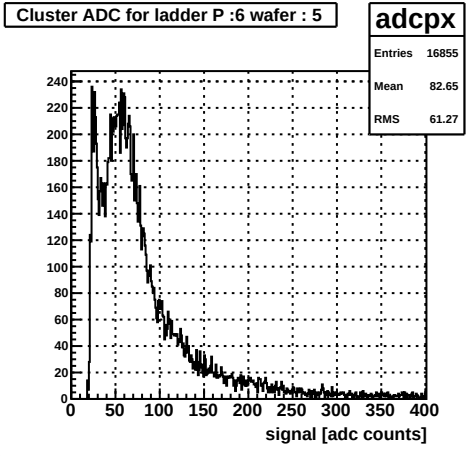

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 5186
Mean 60.64
RMS 59.62
signal [adc counts]

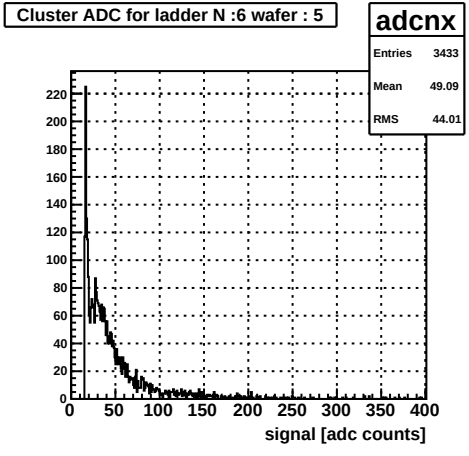

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 13243
Mean 44.19
RMS 39.26
signal [adc counts]

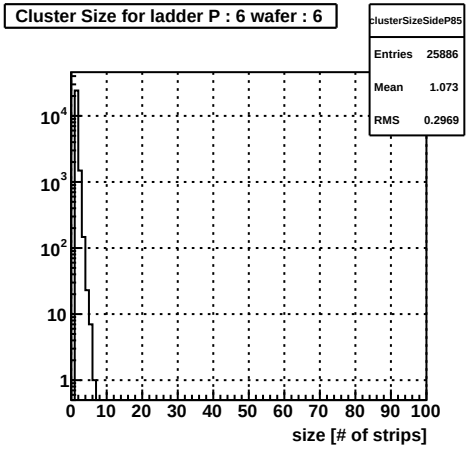

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 16855
Mean 1.254
RMS 0.5553
size [# of strips]

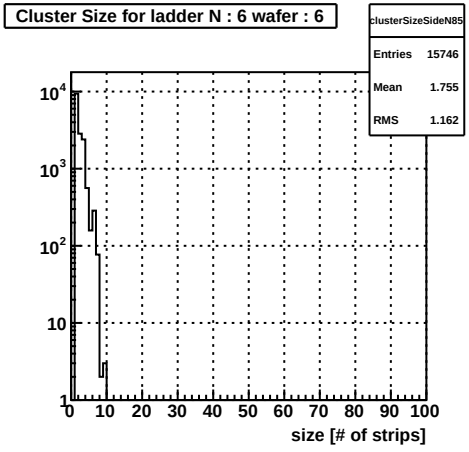

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 3433
Mean 1.323
RMS 0.6674
size [# of strips]

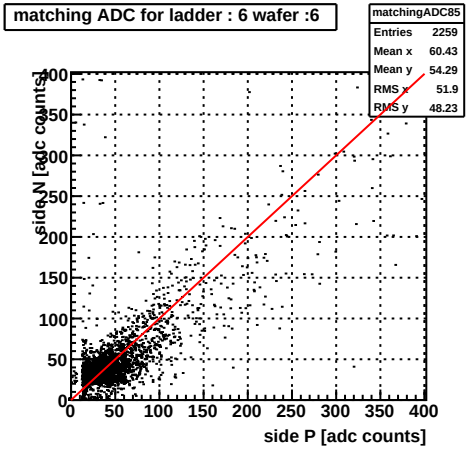

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2316
Mean x 66.97
Mean y 51.58
RMS x 54.16
RMS y 41.47
side N [adc counts]
side P [adc counts]

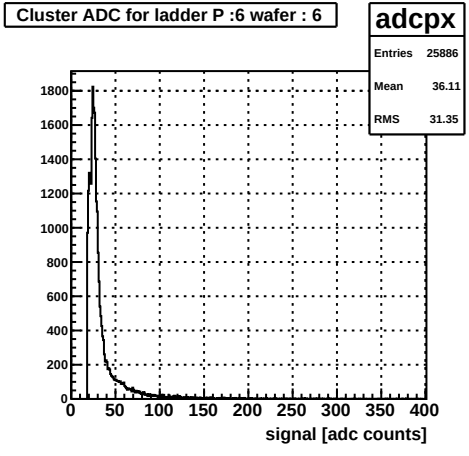

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 16855
Mean 82.65
RMS 61.27
signal [adc counts]

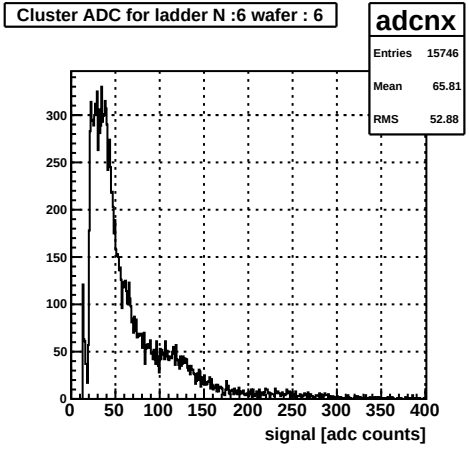

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 3433
Mean 49.09
RMS 44.01
signal [adc counts]

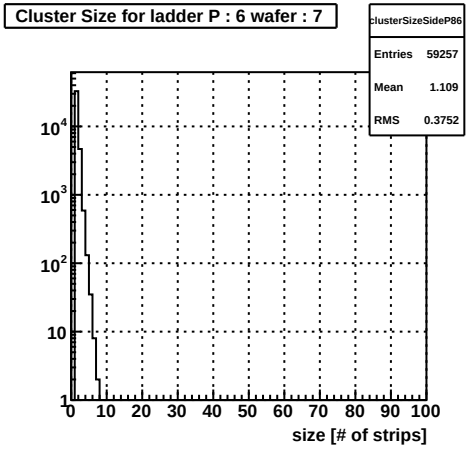

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 25886
Mean 1.073
RMS 0.2969
size [# of strips]

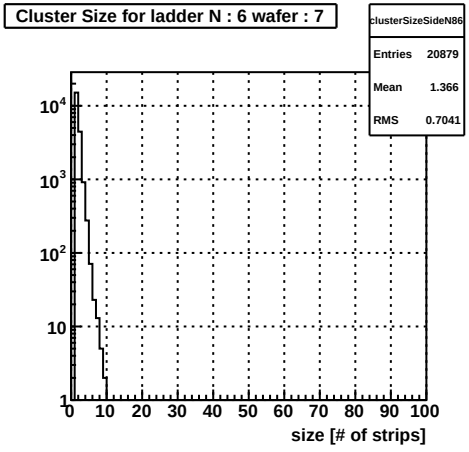

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 15746
Mean 1.755
RMS 1.162
size [# of strips]

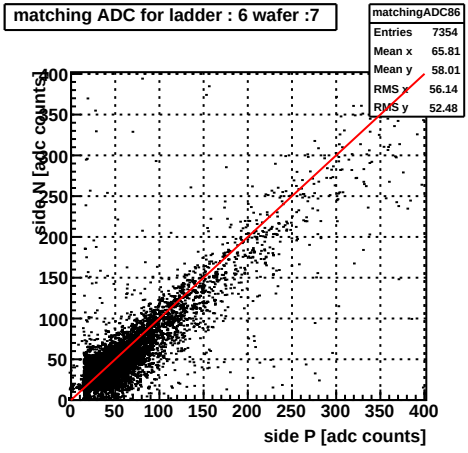

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2259
Mean x 60.43
Mean y 54.29
RMS x 51.9
RMS y 48.23
side N [adc counts]
side P [adc counts]

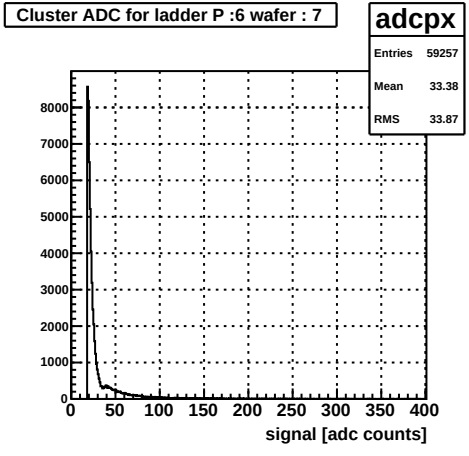

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 25886
Mean 36.11
RMS 31.35
signal [adc counts]

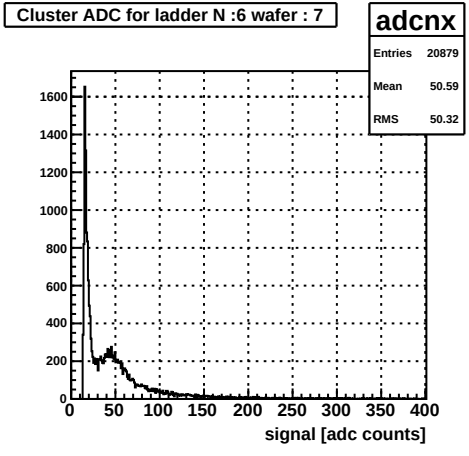

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 15746
Mean 65.81
RMS 52.88
signal [adc counts]

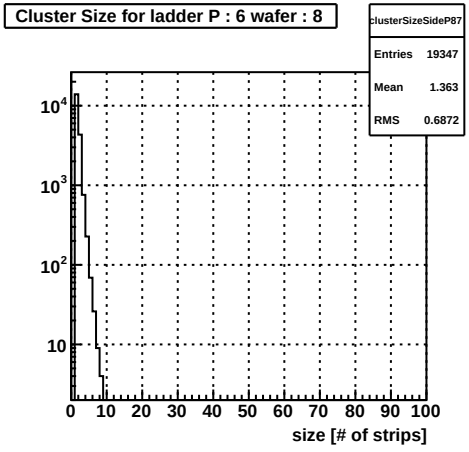

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 59257
Mean 1.109
RMS 0.3752
size [# of strips]

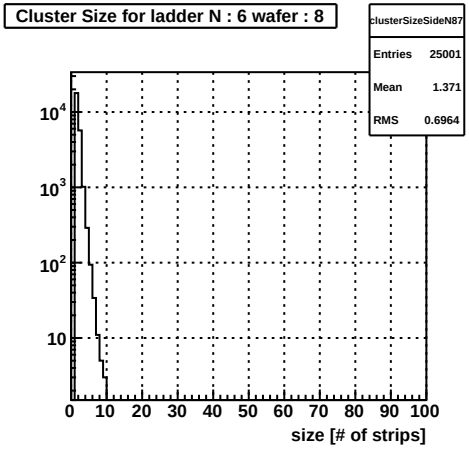

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 20879
Mean 1.366
RMS 0.7041
size [# of strips]

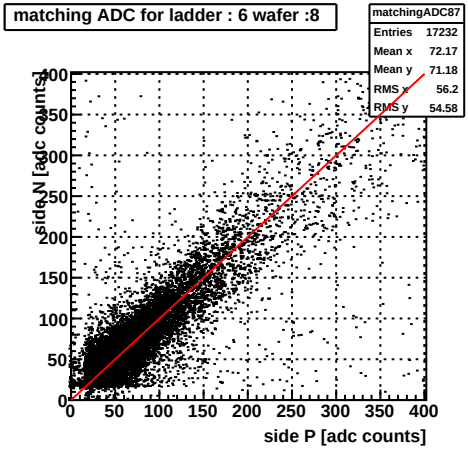

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 7354
Mean x 65.81
Mean y 58.01
RMS x 56.14
RMS y 52.48
side N [adc counts]
side P [adc counts]

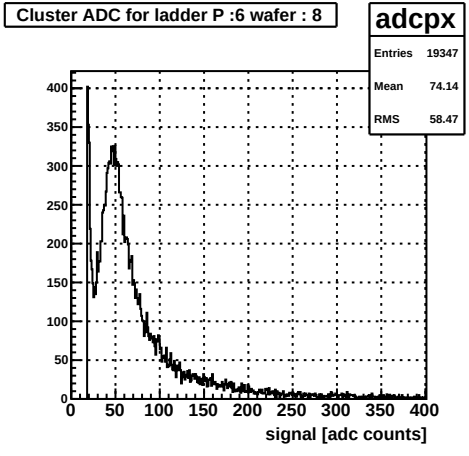

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 59257
Mean 33.38
RMS 33.87
signal [adc counts]

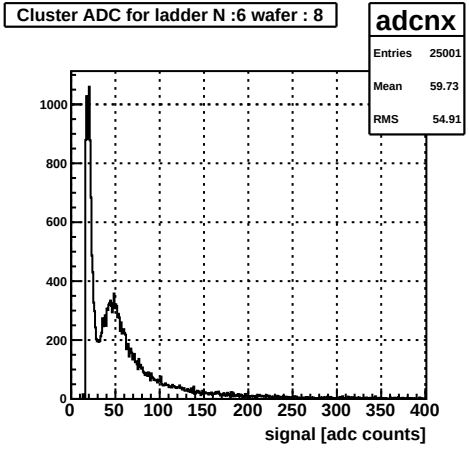

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 20879
Mean 50.59
RMS 50.32
signal [adc counts]

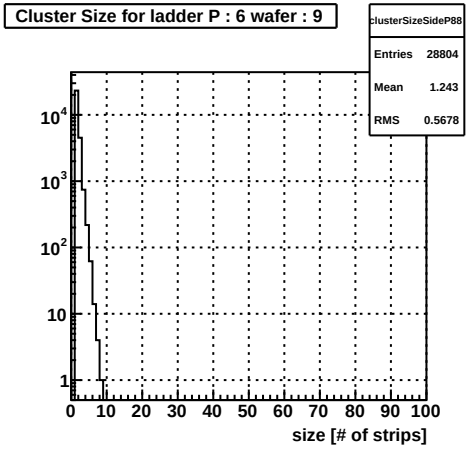

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 19347
Mean 1.363
RMS 0.6872
size [# of strips]

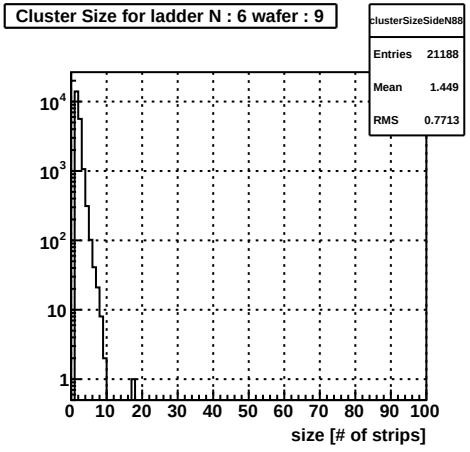

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 25001
Mean 1.371
RMS 0.6964
size [# of strips]

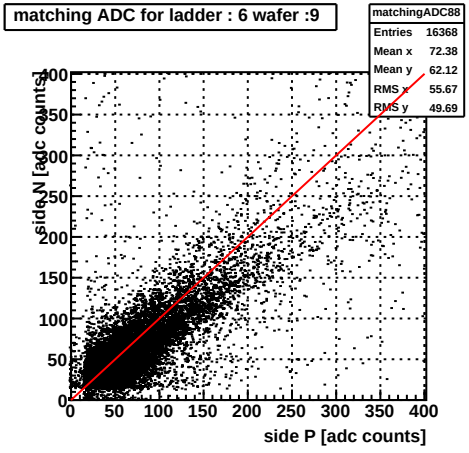

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 17232
Mean x 72.17
Mean y 71.18
RMS x 56.2
RMS y 54.58
side N [adc counts]
side P [adc counts]

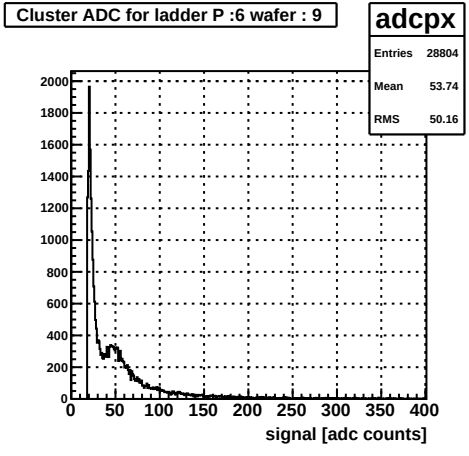

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 19347
Mean 74.14
RMS 58.47
signal [adc counts]

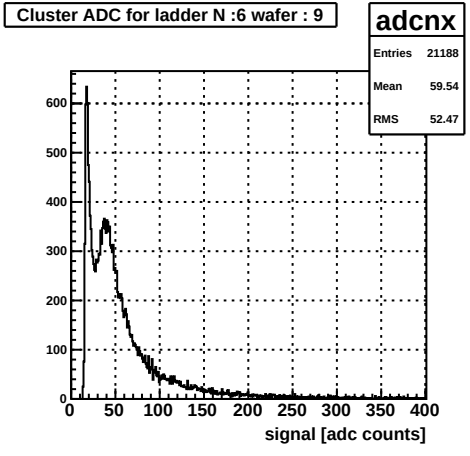

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 25001
Mean 59.73
RMS 54.91
signal [adc counts]

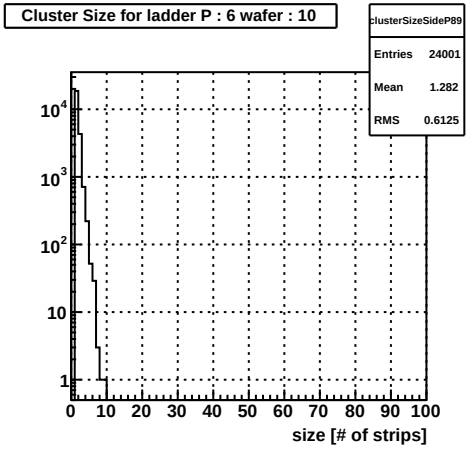

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 28804
Mean 1.243
RMS 0.5678
size [# of strips]

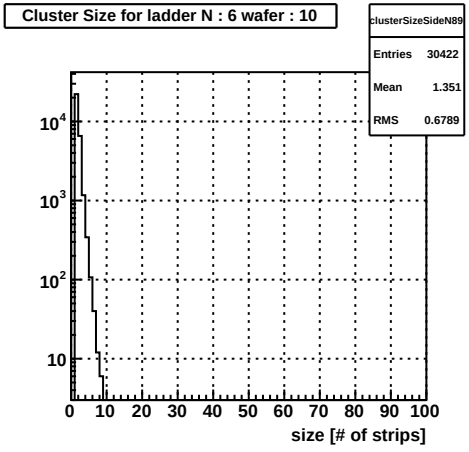

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 21188
Mean 1.449
RMS 0.7713
size [# of strips]

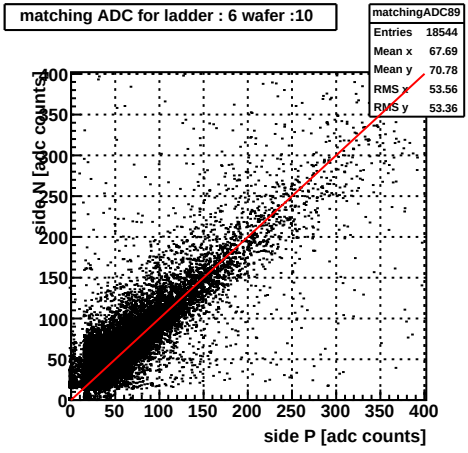

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 16368
Mean x 72.38
Mean y 62.12
RMS x 55.67
RMS y 49.69
side N [adc counts]
side P [adc counts]

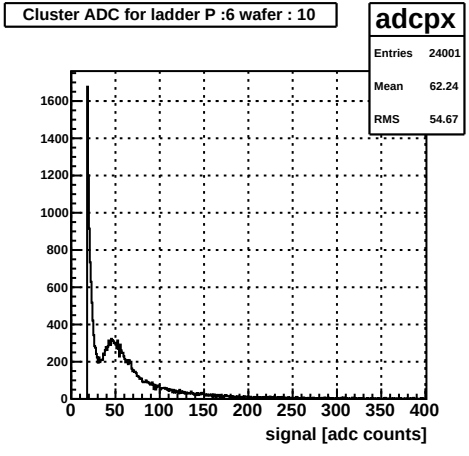

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 28804
Mean 53.74
RMS 50.16
signal [adc counts]

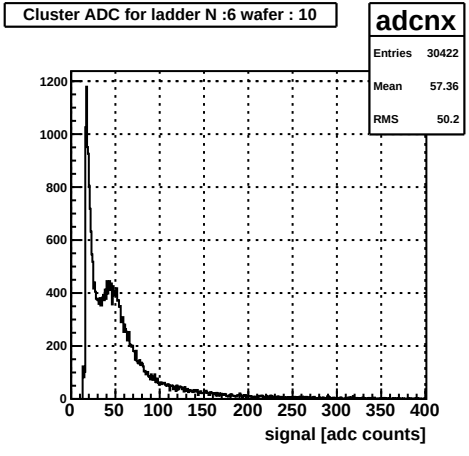

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 21188
Mean 59.54
RMS 52.47
signal [adc counts]

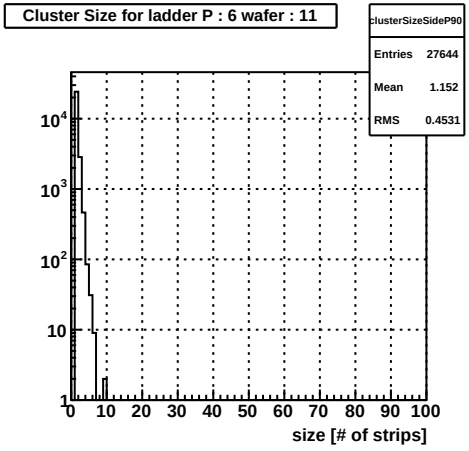

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 24001
Mean 1.282
RMS 0.6125
size [# of strips]

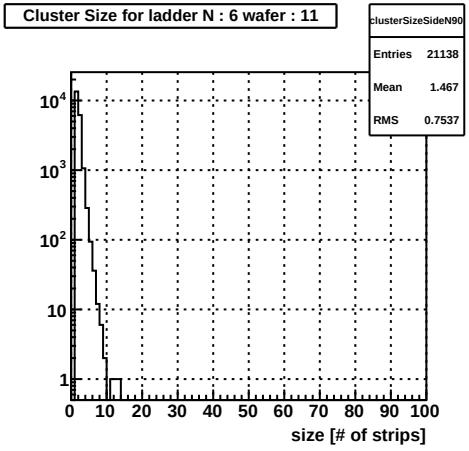

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 30422
Mean 1.351
RMS 0.6789
size [# of strips]

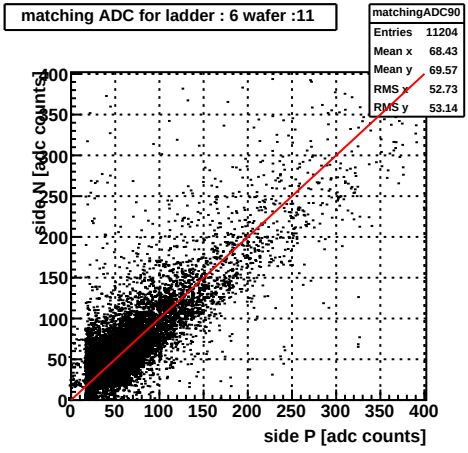

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 18544
Mean x 67.69
Mean y 70.78
RMS x 53.56
RMS y 53.36
side N [adc counts]
side P [adc counts]

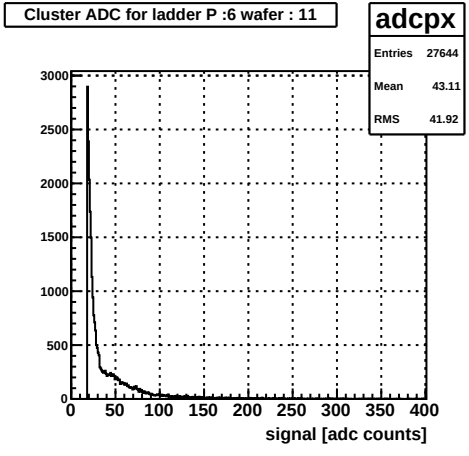

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 24001
Mean 62.24
RMS 54.67
signal [adc counts]

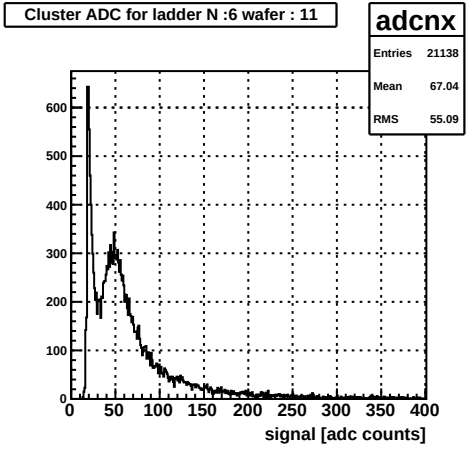

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 30422
Mean 57.36
RMS 50.2
signal [adc counts]

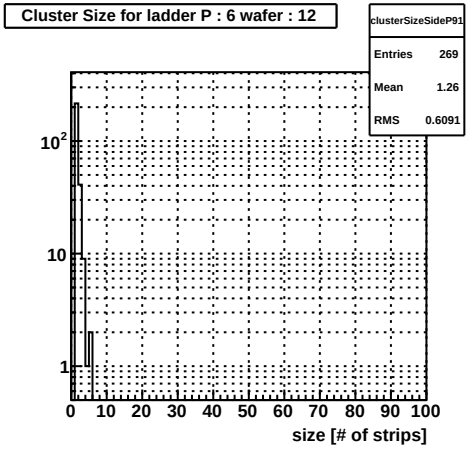

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 27644
Mean 1.152
RMS 0.4531
size [# of strips]

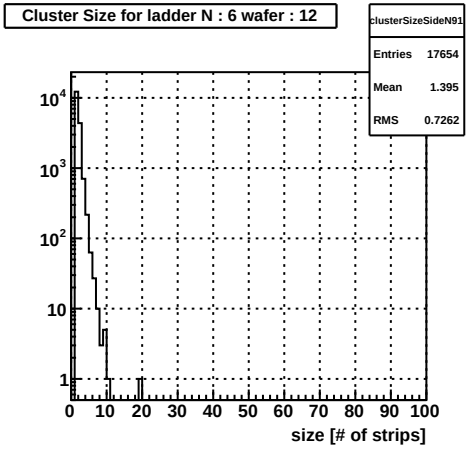

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 21138
Mean 1.467
RMS 0.7537
size [# of strips]

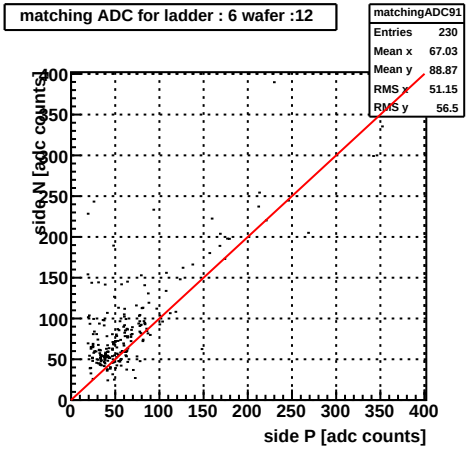

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 11204
Mean x 68.43
Mean y 69.57
RMS x 52.73
RMS y 53.14
side N [adc counts]
side P [adc counts]

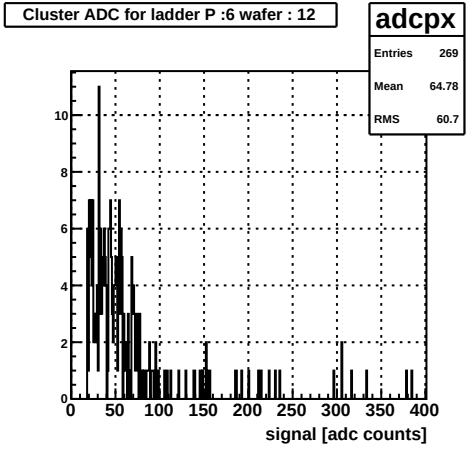

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 27644
Mean 43.11
RMS 41.92
signal [adc counts]

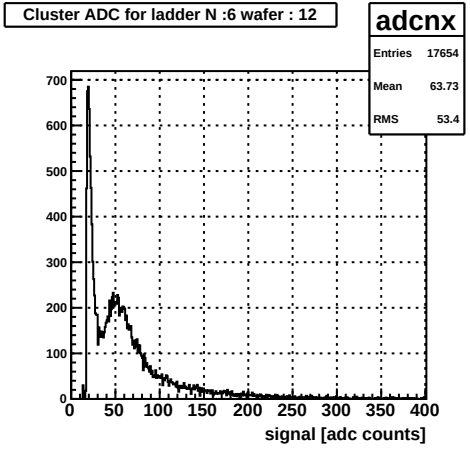

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 21138
Mean 67.04
RMS 55.09
signal [adc counts]

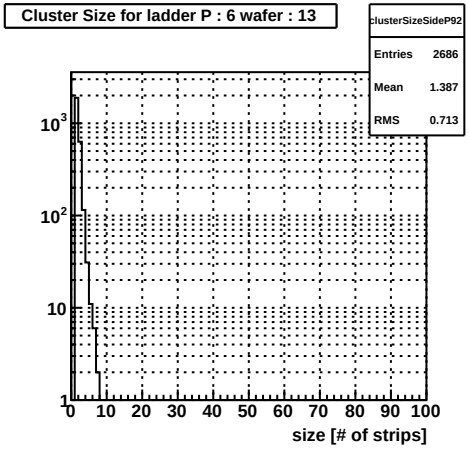

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 269
Mean 1.26
RMS 0.6091
size [# of strips]

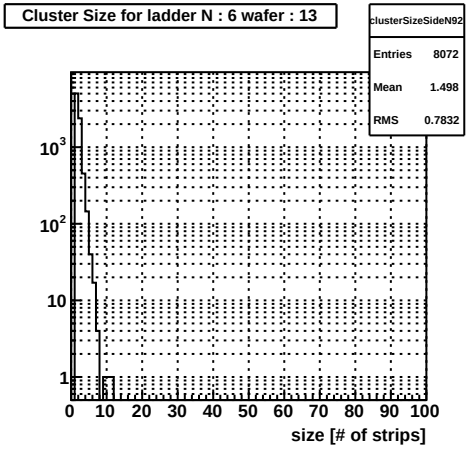

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 17654
Mean 1.395
RMS 0.7262
size [# of strips]

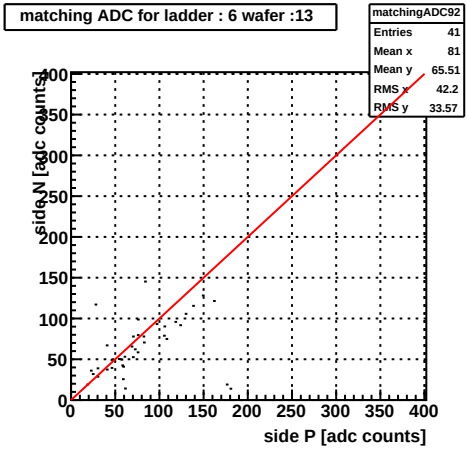

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 230
Mean x 67.03
Mean y 88.87
RMS x 51.15
RMS y 56.5
side N [adc counts]
side P [adc counts]

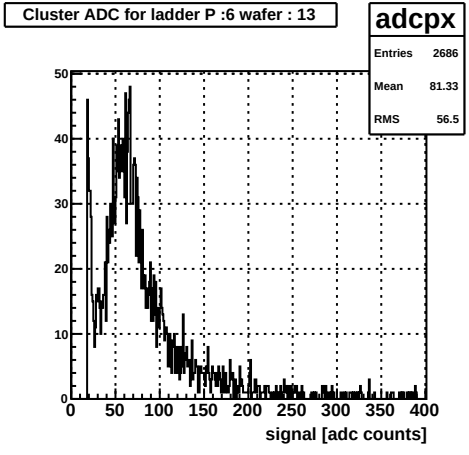

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 269
Mean 64.78
RMS 60.7
signal [adc counts]

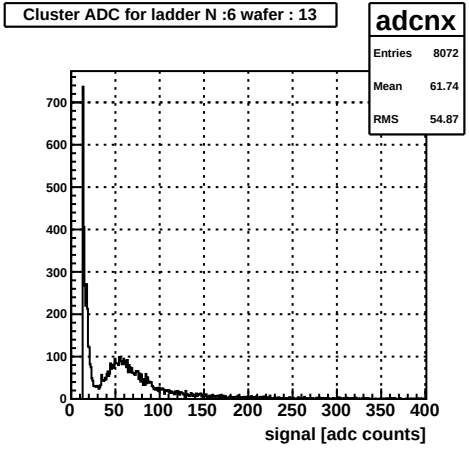

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 17654
Mean 63.73
RMS 53.4
signal [adc counts]

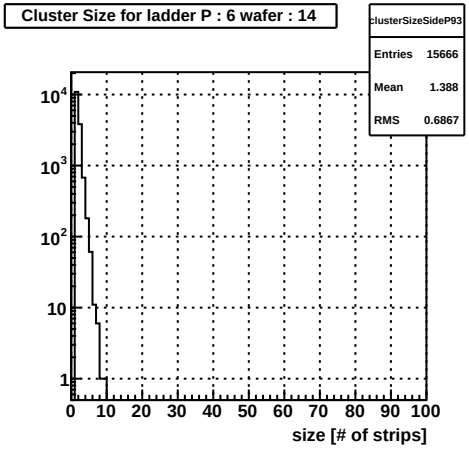

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2686
Mean 1.387
RMS 0.713
size [# of strips]

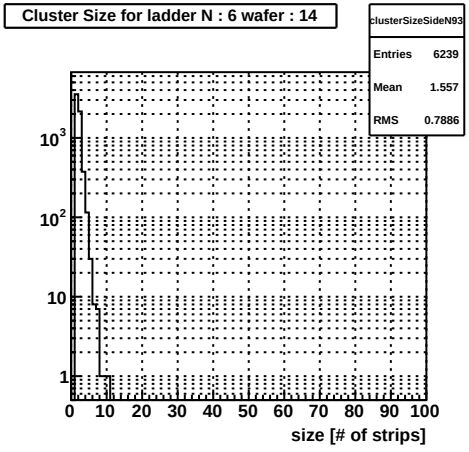

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 8072
Mean 1.498
RMS 0.7832
size [# of strips]

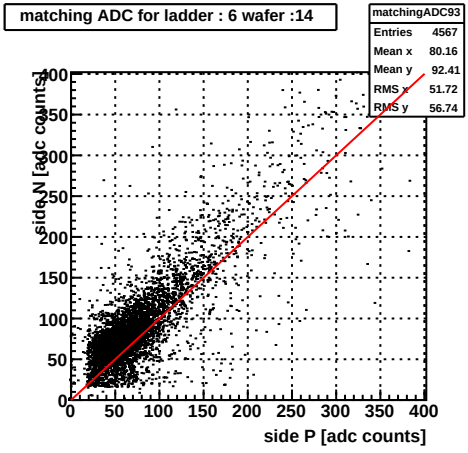

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 41
Mean x 81
Mean y 65.51
RMS x 42.2
RMS y 33.57
side N [adc counts]
side P [adc counts]

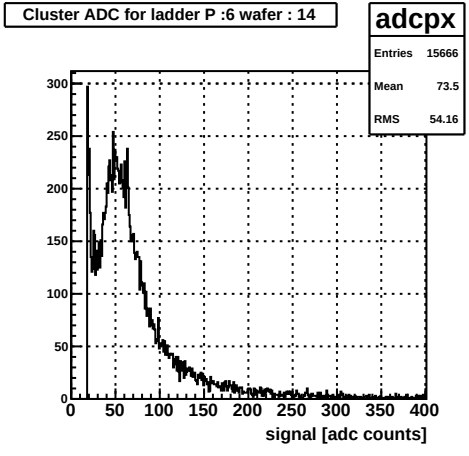

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2686
Mean 81.33
RMS 56.5
signal [adc counts]

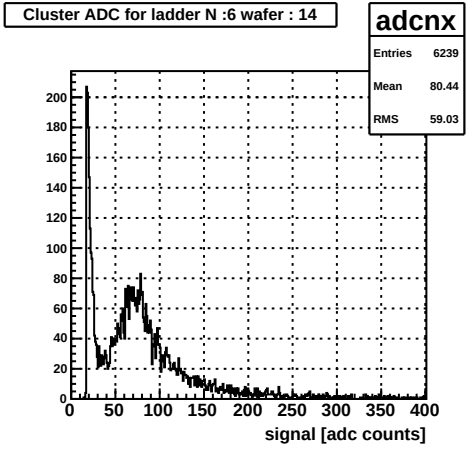

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 8072
Mean 61.74
RMS 54.87
signal [adc counts]

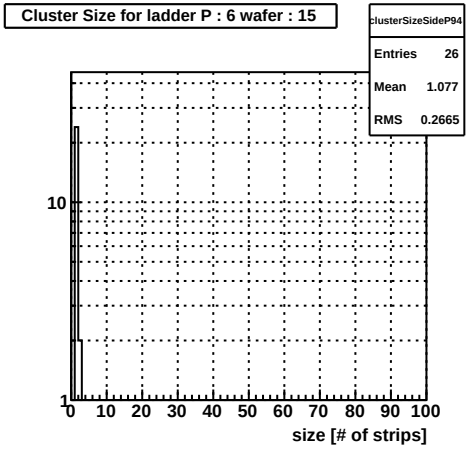

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 15666
Mean 1.388
RMS 0.6867
size [# of strips]

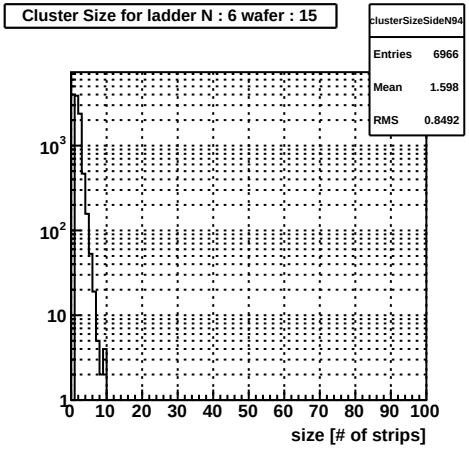

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 6239
Mean 1.557
RMS 0.7886
size [# of strips]

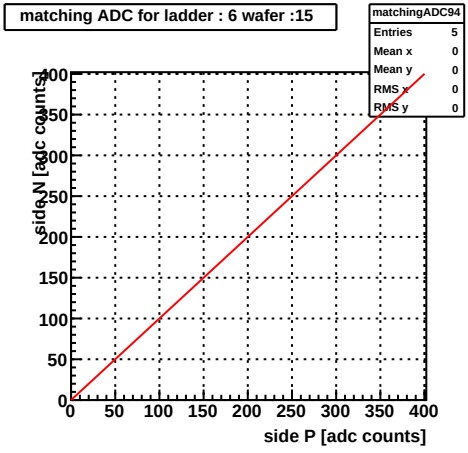

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 4567
Mean x 80.16
Mean y 92.41
RMS x 51.72
RMS y 56.74
side N [adc counts]
side P [adc counts]

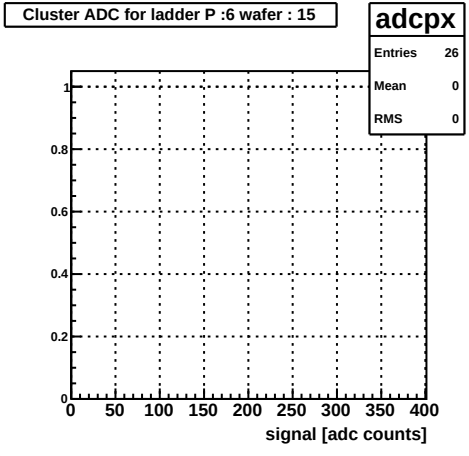

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 15666
Mean 73.5
RMS 54.16
signal [adc counts]

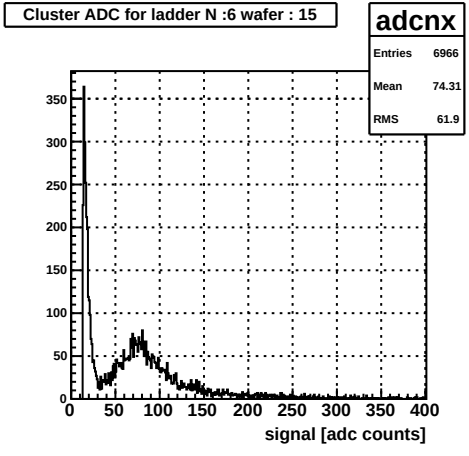

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 6239
Mean 80.44
RMS 59.03
signal [adc counts]

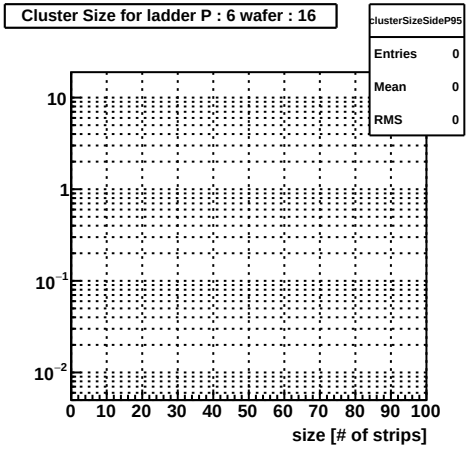

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 26
Mean 1.077
RMS 0.2665
size [# of strips]

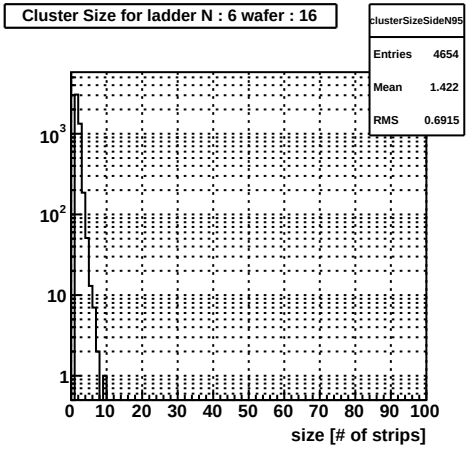

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6966
Mean 1.598
RMS 0.8492
size [# of strips]

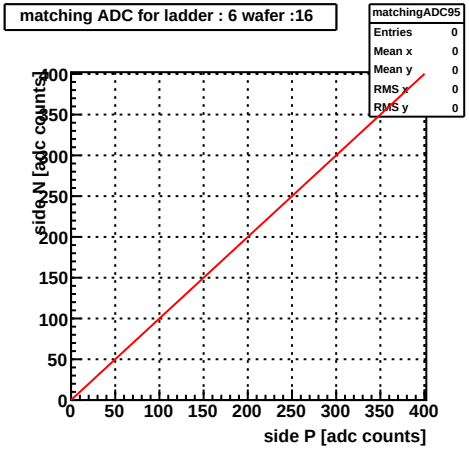

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

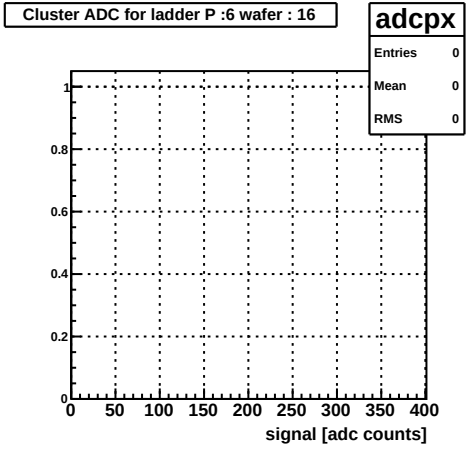

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 26
Mean 0
RMS 0
signal [adc counts]

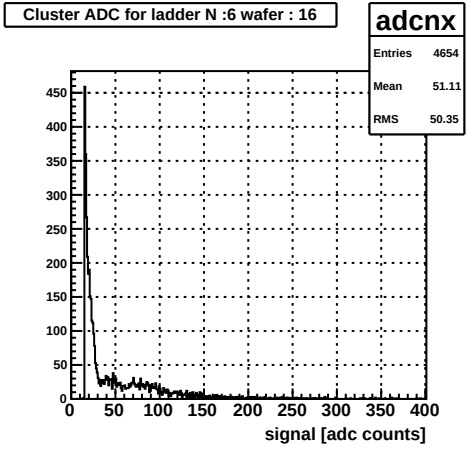

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6966
Mean 74.31
RMS 61.9
signal [adc counts]

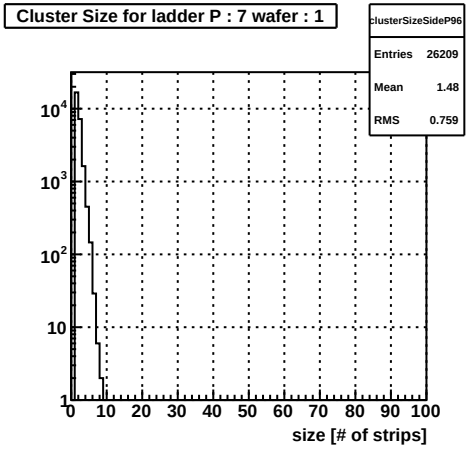

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

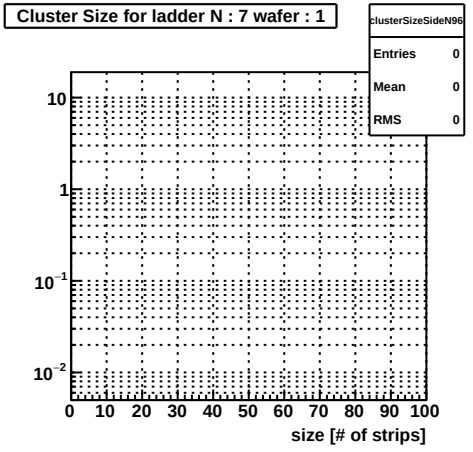

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4654
Mean 1.422
RMS 0.6915
size [# of strips]

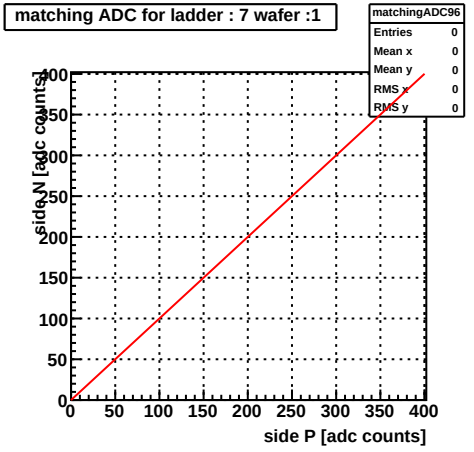

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

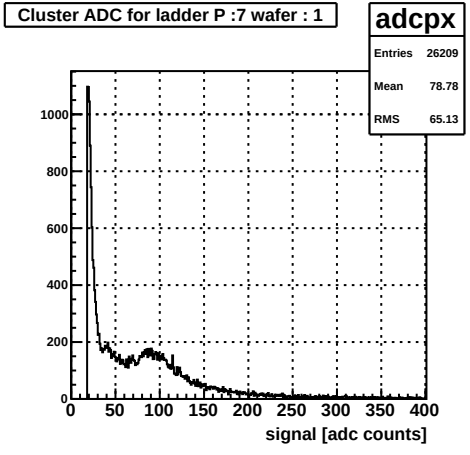

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

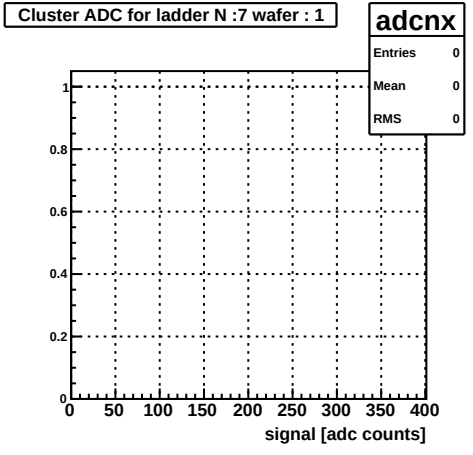

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4654
Mean 51.11
RMS 50.35
signal [adc counts]

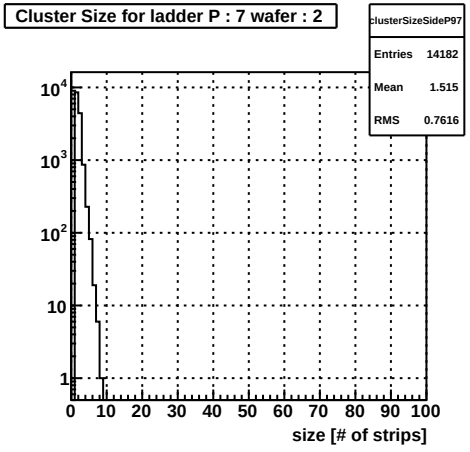

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 26209
Mean 1.48
RMS 0.759
size [# of strips]

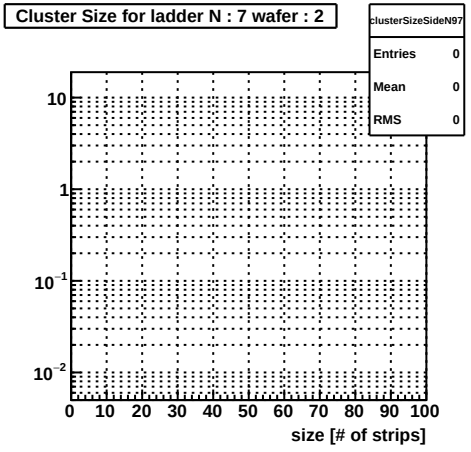

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

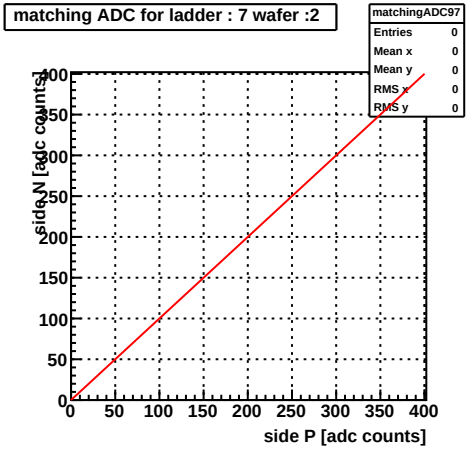

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

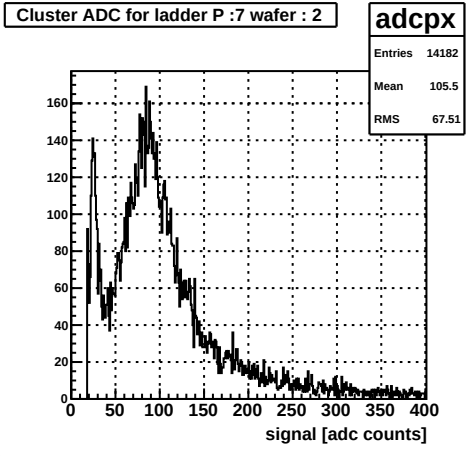

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 26209
Mean 78.78
RMS 65.13
signal [adc counts]

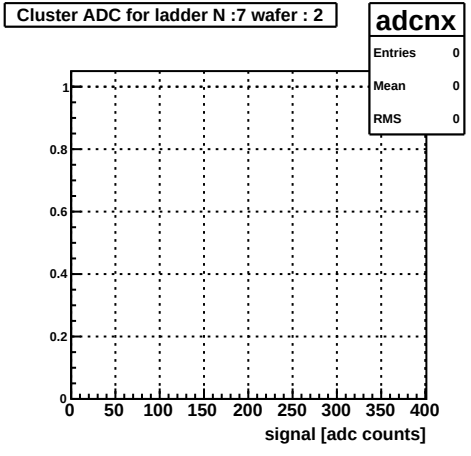

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

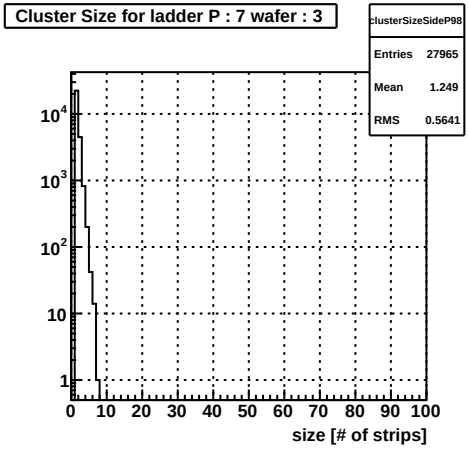

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 14182
Mean 1.515
RMS 0.7616
size [# of strips]

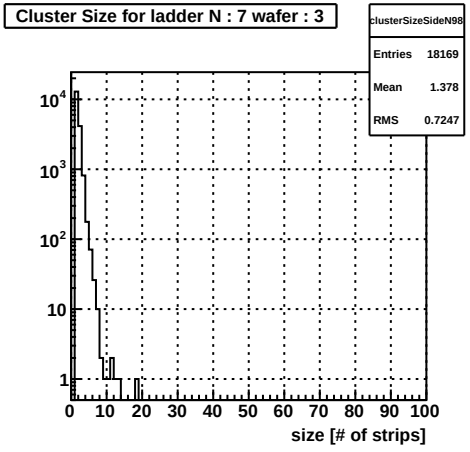

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

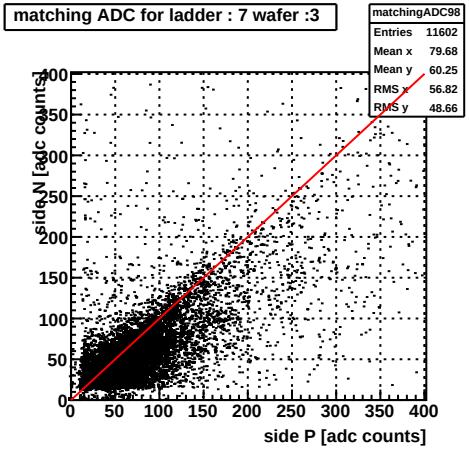

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

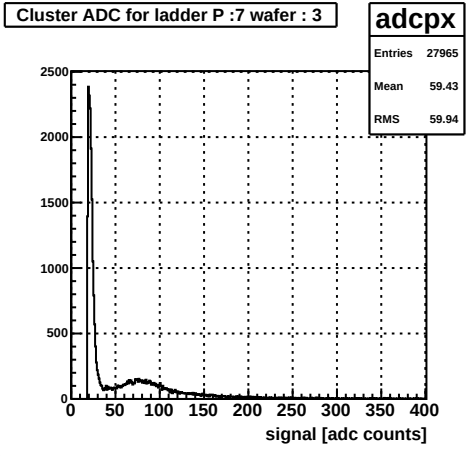

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 14182
Mean 105.5
RMS 67.51
signal [adc counts]

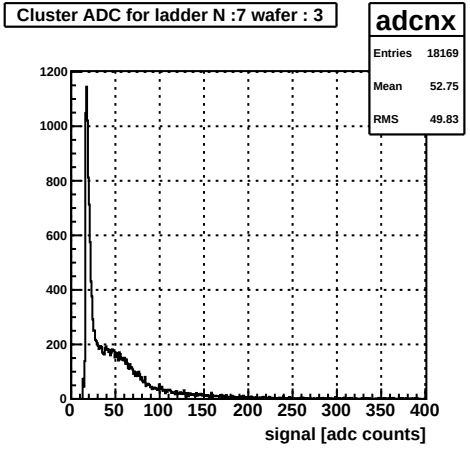

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

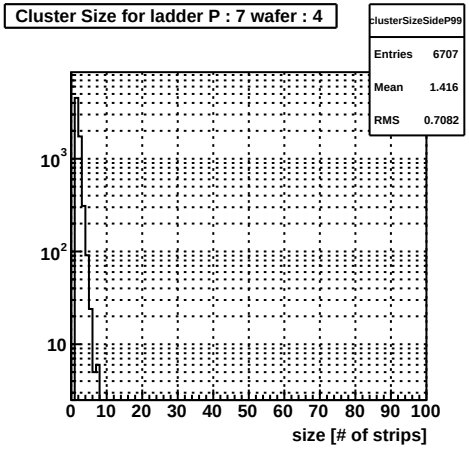

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 27965
Mean 1.249
RMS 0.5641
size [# of strips]

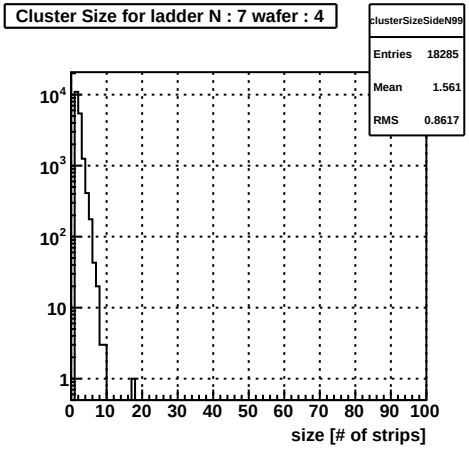

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 18169
Mean 1.378
RMS 0.7247
size [# of strips]

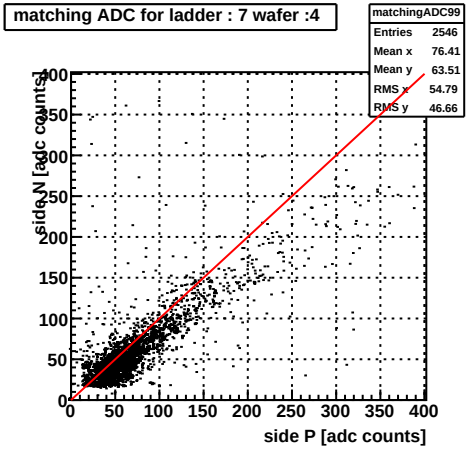

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 11602
Mean x 79.68
Mean y 60.25
RMS x 56.82
RMS y 48.66
side N [adc counts]
side P [adc counts]

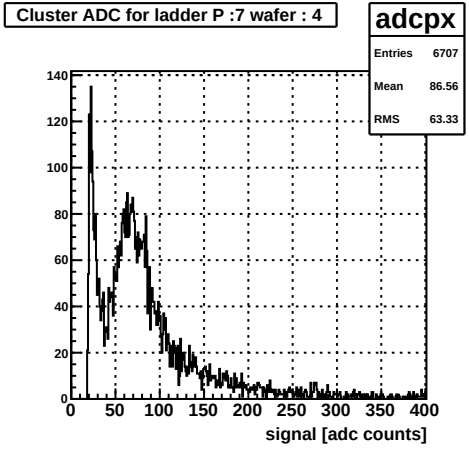

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 27965
Mean 59.43
RMS 59.94
signal [adc counts]

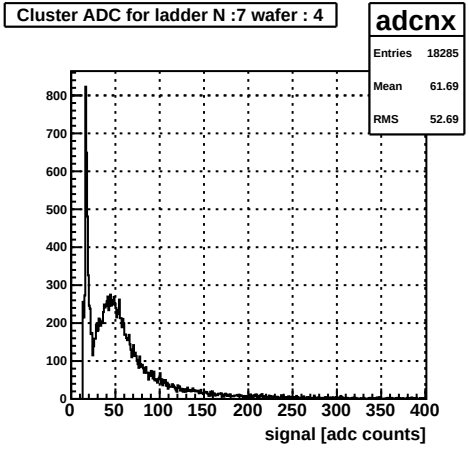

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 18169
Mean 52.75
RMS 49.83
signal [adc counts]

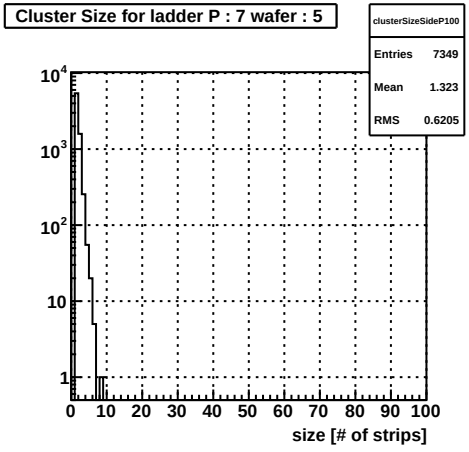

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 6707
Mean 1.416
RMS 0.7082
size [# of strips]

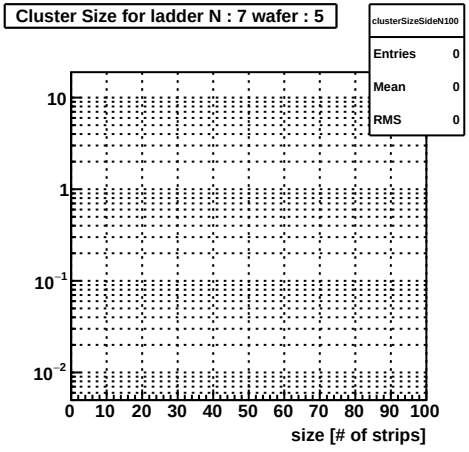

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 18285
Mean 1.561
RMS 0.8617
size [# of strips]

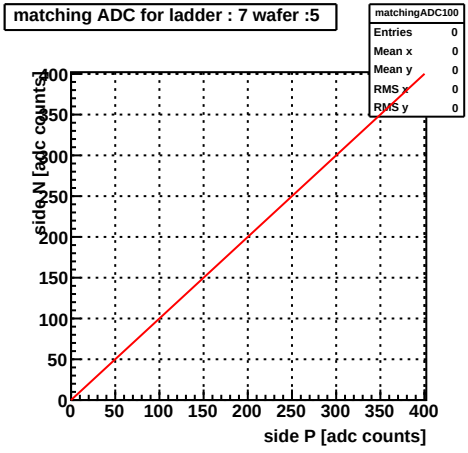

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2546
Mean x 76.41
Mean y 63.51
RMS x 54.79
RMS y 46.66
side N [adc counts]
side P [adc counts]

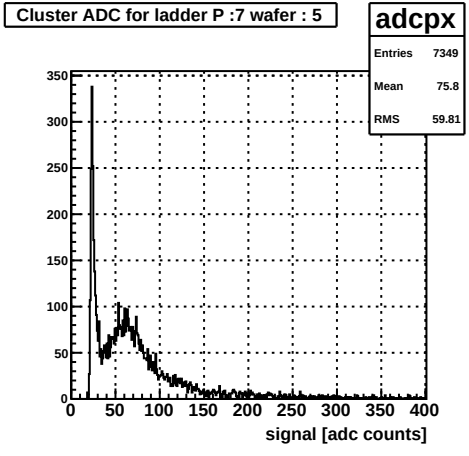

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 6707
Mean 86.56
RMS 63.33
signal [adc counts]

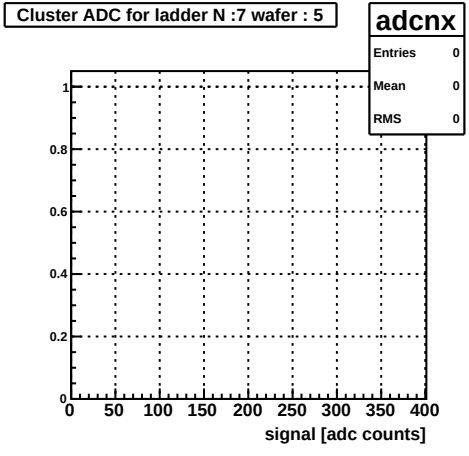

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 18285
Mean 61.69
RMS 52.69
signal [adc counts]

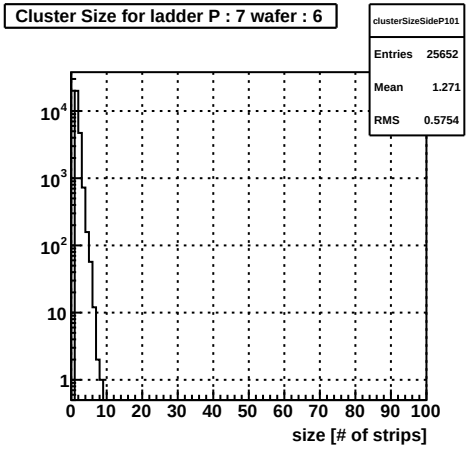

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 7349
Mean 1.323
RMS 0.6205
size [# of strips]

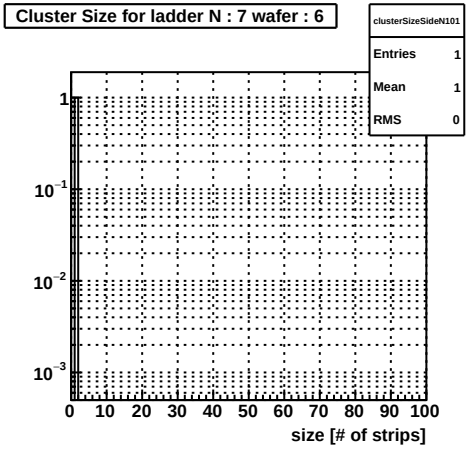

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

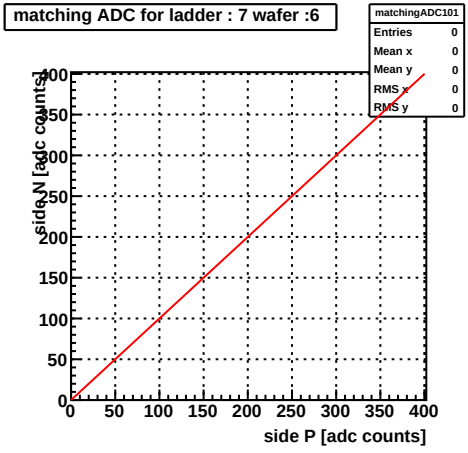

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

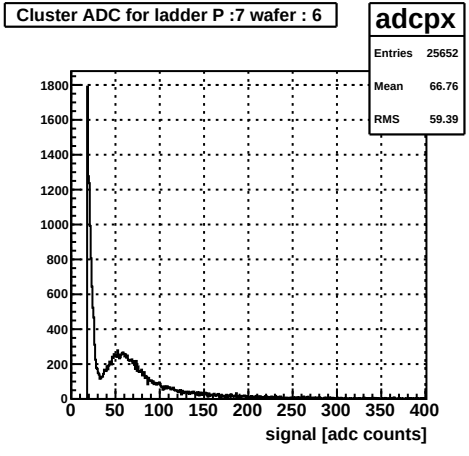

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 7349
Mean 75.8
RMS 59.81
signal [adc counts]

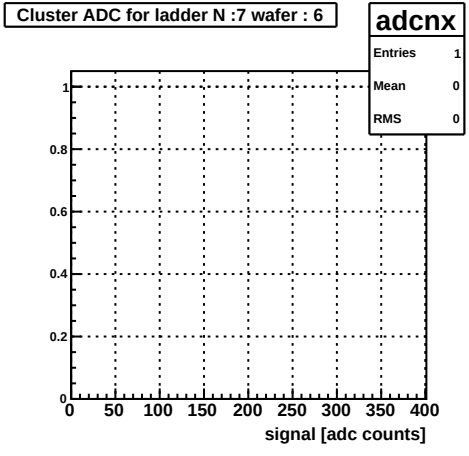

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

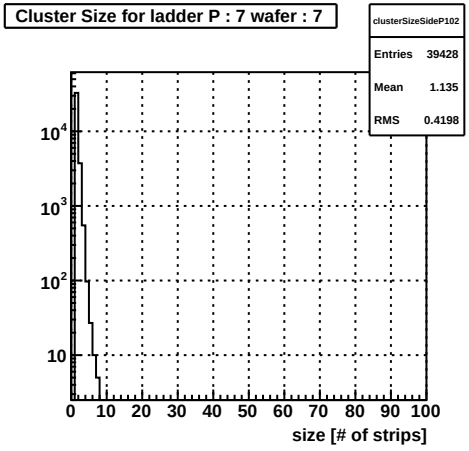

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 25652
Mean 1.271
RMS 0.5754
size [# of strips]

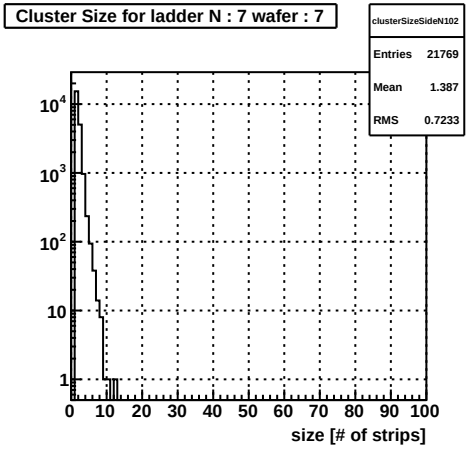

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

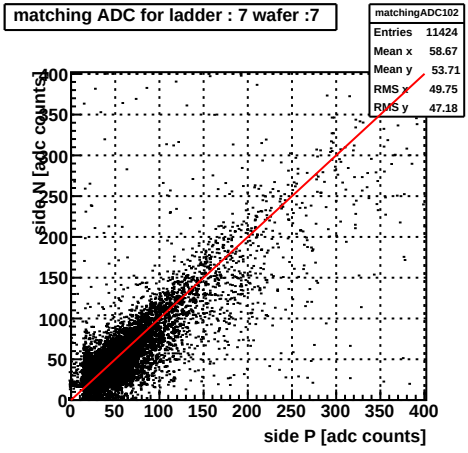

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

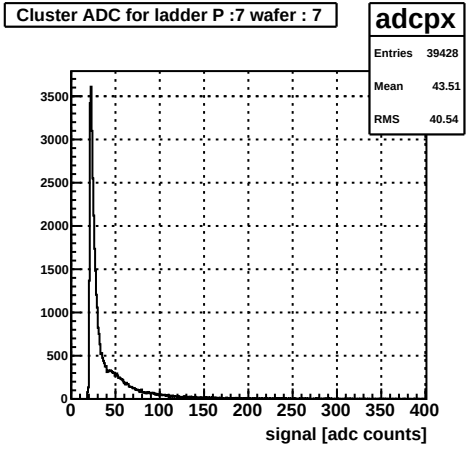

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 25652
Mean 66.76
RMS 59.39
signal [adc counts]

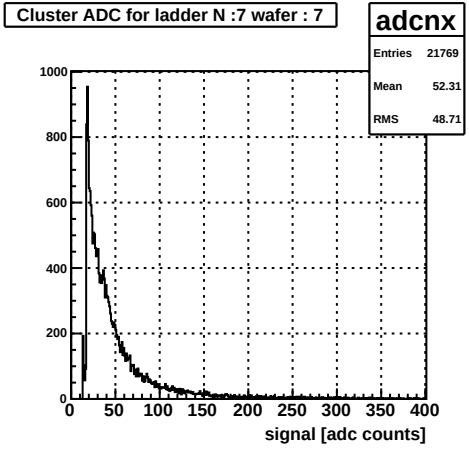

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

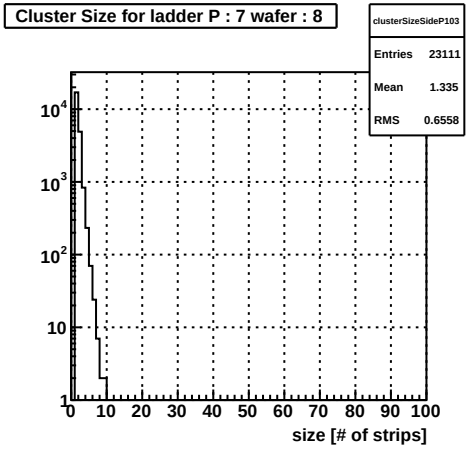

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 39428
Mean 1.135
RMS 0.4198
size [# of strips]

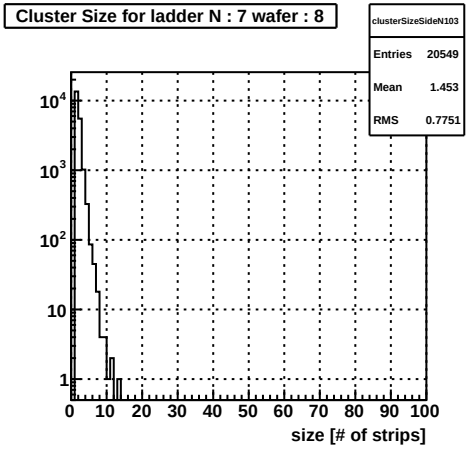

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 21769
Mean 1.387
RMS 0.7233
size [# of strips]

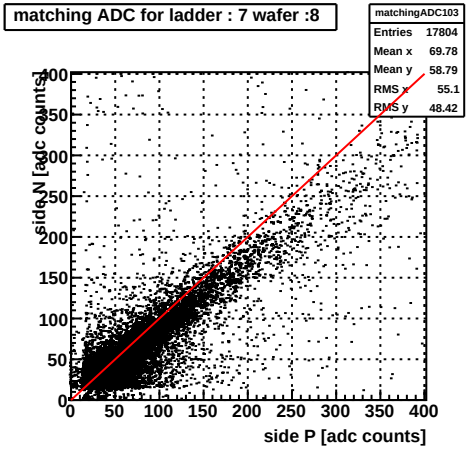

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 11424
Mean x 58.67
Mean y 53.71
RMS x 49.75
RMS y 47.18
side N [adc counts]
side P [adc counts]

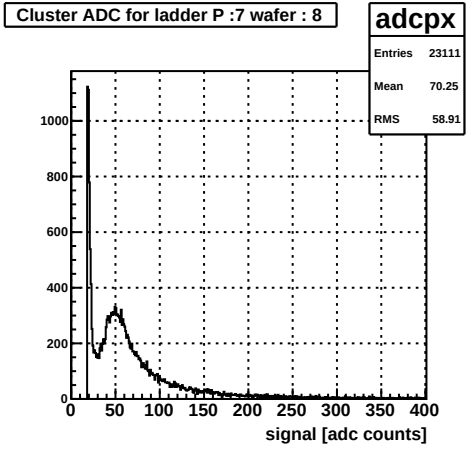

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 39428
Mean 43.51
RMS 40.54
signal [adc counts]

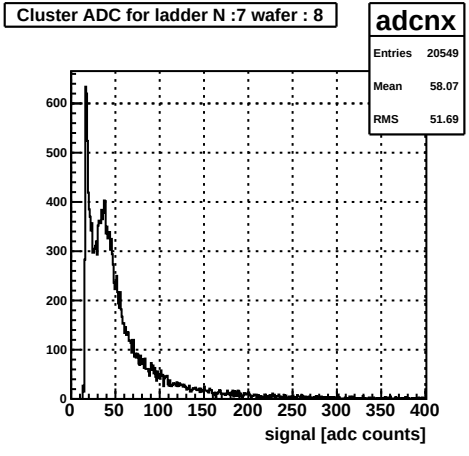

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 21769
Mean 52.31
RMS 48.71
signal [adc counts]

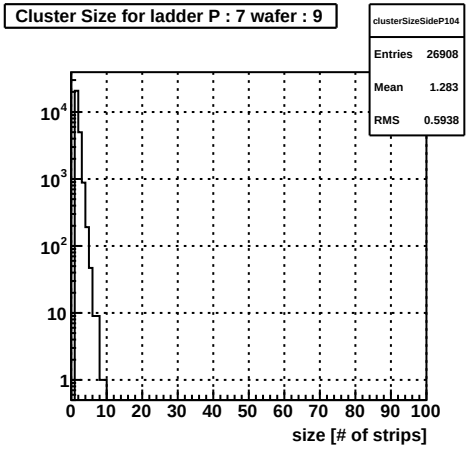

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 23111
Mean 1.335
RMS 0.6558
size [# of strips]

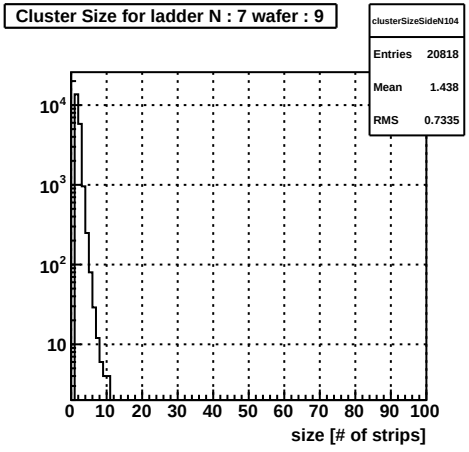

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 20549
Mean 1.453
RMS 0.7751
size [# of strips]

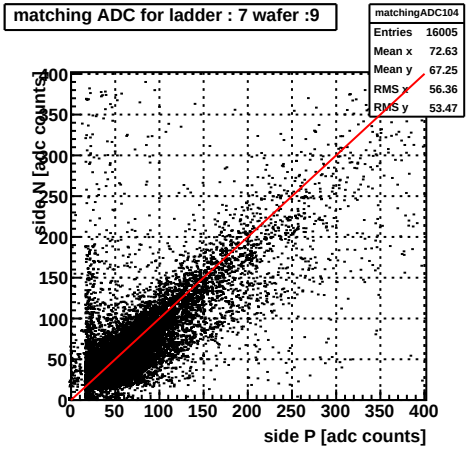

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 17804
Mean x 69.78
Mean y 58.79
RMS x 55.1
RMS y 48.42
side N [adc counts]
side P [adc counts]

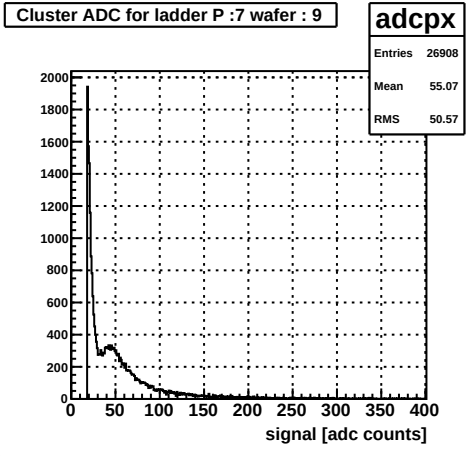

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 23111
Mean 70.25
RMS 58.91
signal [adc counts]

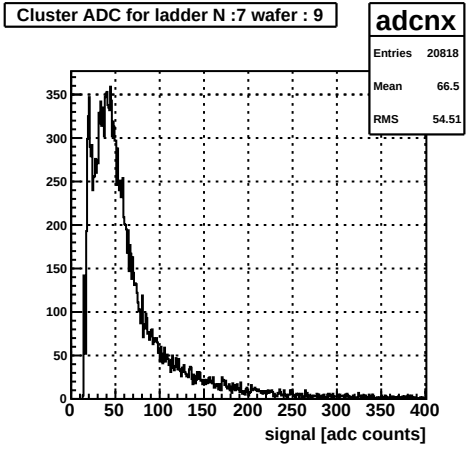

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 20549
Mean 58.07
RMS 51.69
signal [adc counts]

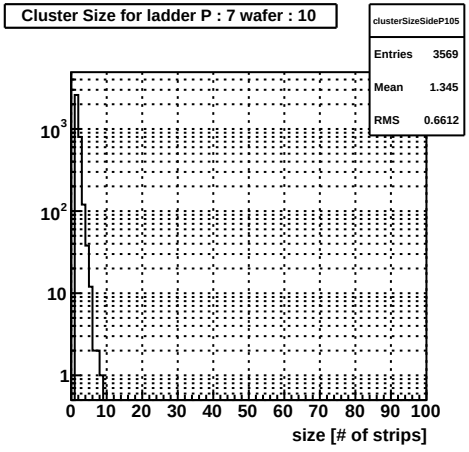

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 26908
Mean 1.283
RMS 0.5938
size [# of strips]

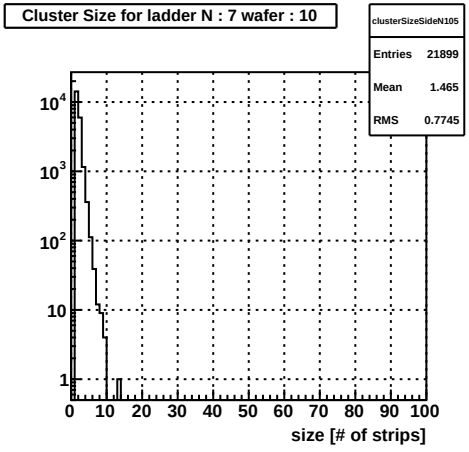

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 20818
Mean 1.438
RMS 0.7335
size [# of strips]

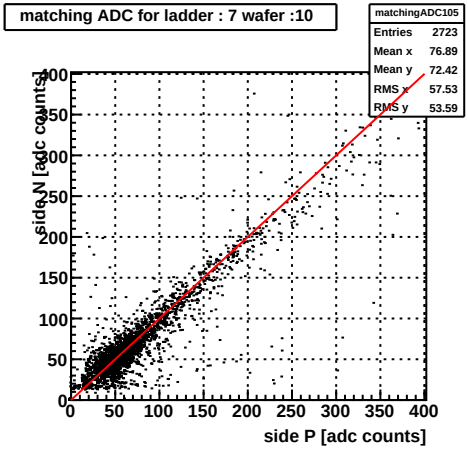

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 16005
Mean x 72.63
Mean y 67.25
RMS x 56.36
RMS y 53.47
side N [adc counts]
side P [adc counts]

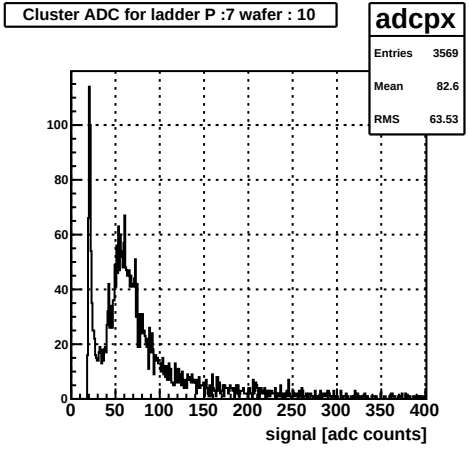

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 26908
Mean 55.07
RMS 50.57
signal [adc counts]

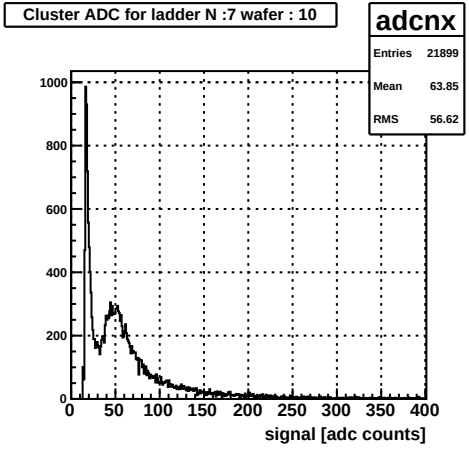

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 20818
Mean 66.5
RMS 54.51
signal [adc counts]

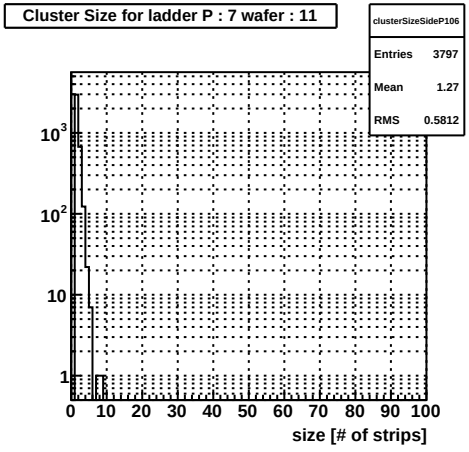

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3569
Mean 1.345
RMS 0.6612
size [# of strips]

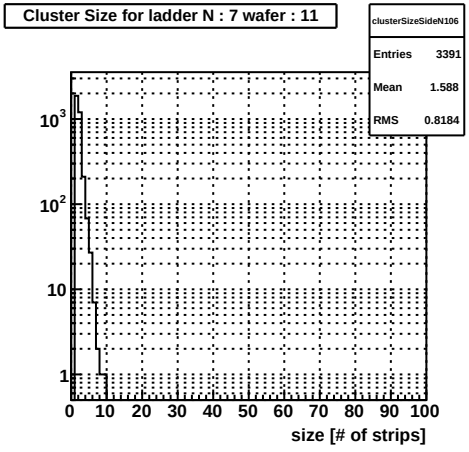

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 21899
Mean 1.465
RMS 0.7745
size [# of strips]

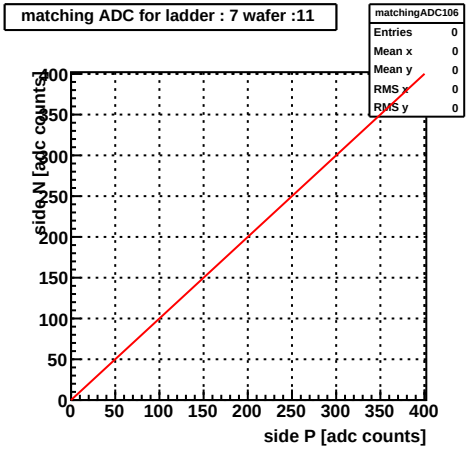

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2723
Mean x 76.89
Mean y 72.42
RMS x 57.53
RMS y 53.59
side N [adc counts]
side P [adc counts]

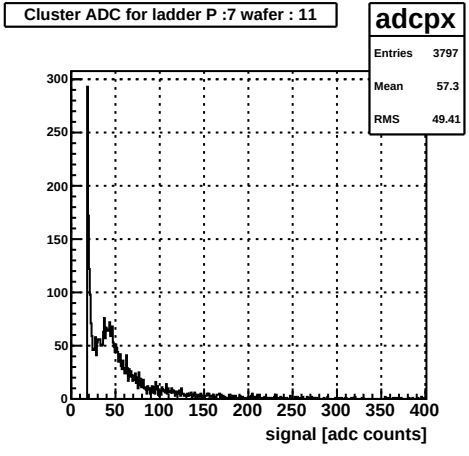

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3569
Mean 82.6
RMS 63.53
signal [adc counts]

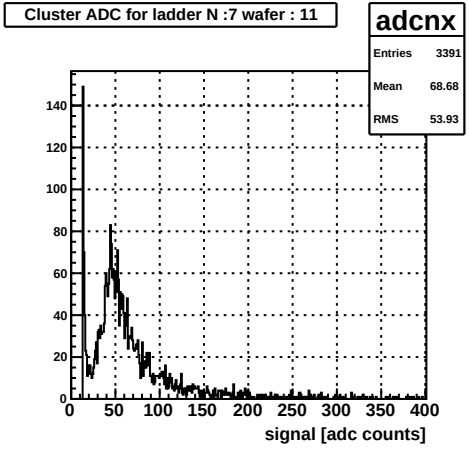

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 21899
Mean 63.85
RMS 56.62
signal [adc counts]

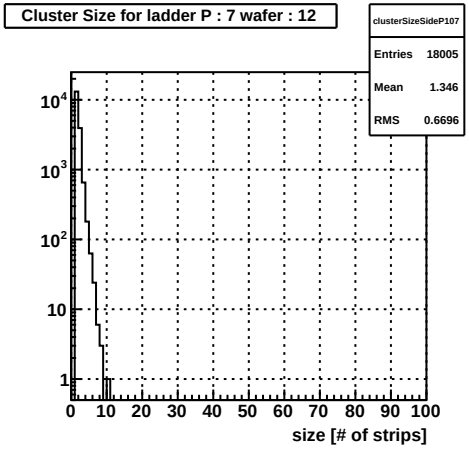

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3797
Mean 1.27
RMS 0.5812
size [# of strips]

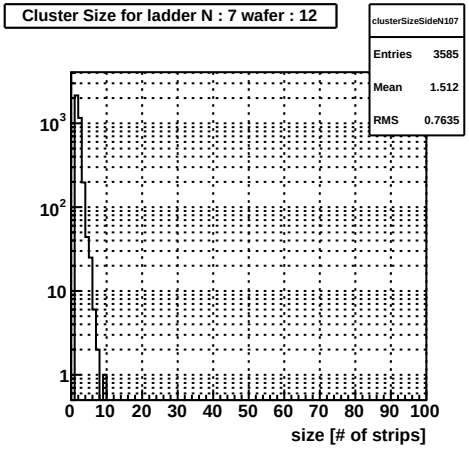

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 3391
Mean 1.588
RMS 0.8184
size [# of strips]

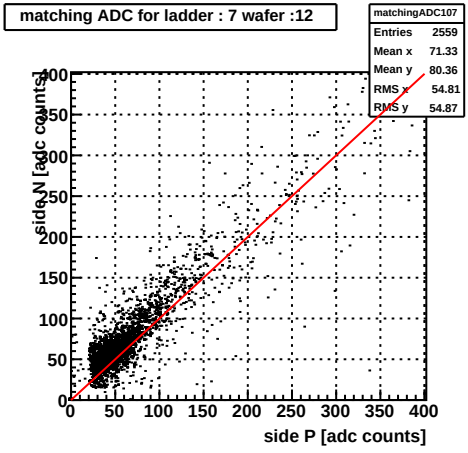

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

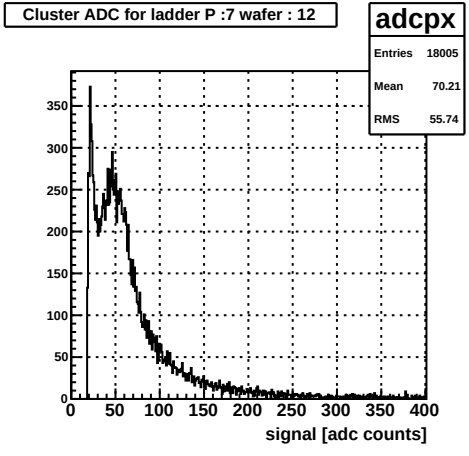

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3797
Mean 57.3
RMS 49.41
signal [adc counts]

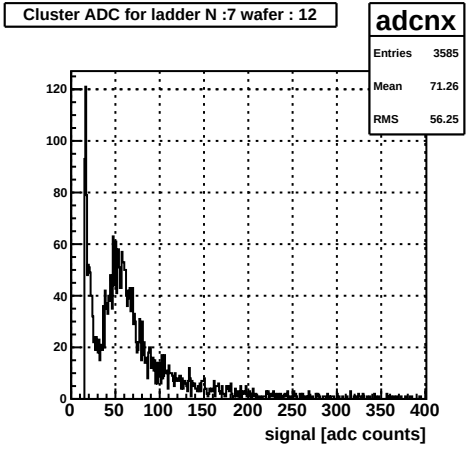

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 3391
Mean 68.68
RMS 53.93
signal [adc counts]

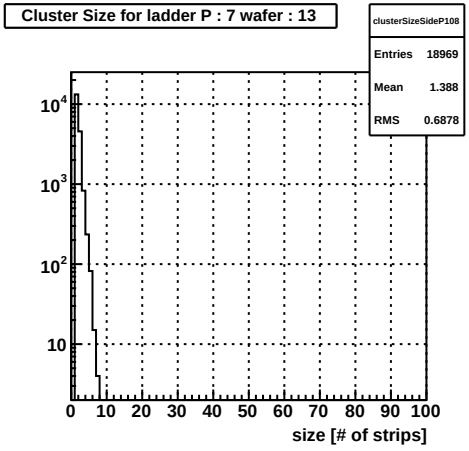

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 18005
Mean 1.346
RMS 0.6696
size [# of strips]

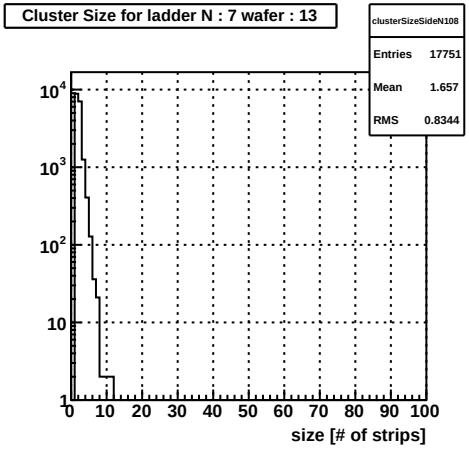

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 3585
Mean 1.512
RMS 0.7635
size [# of strips]

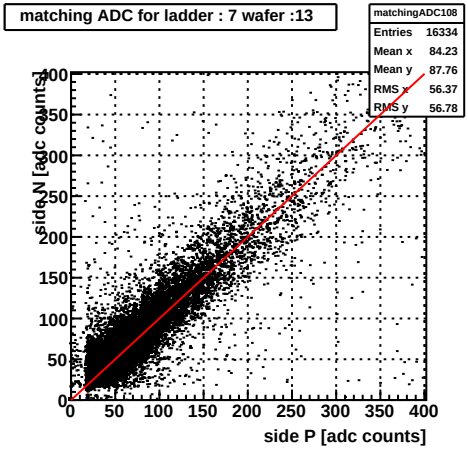

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 2559
Mean x 71.33
Mean y 80.36
RMS x 54.81
RMS y 54.87
side N [adc counts]
side P [adc counts]

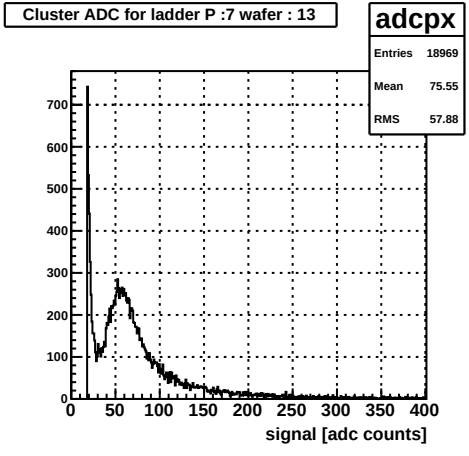

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 18005
Mean 70.21
RMS 55.74
signal [adc counts]

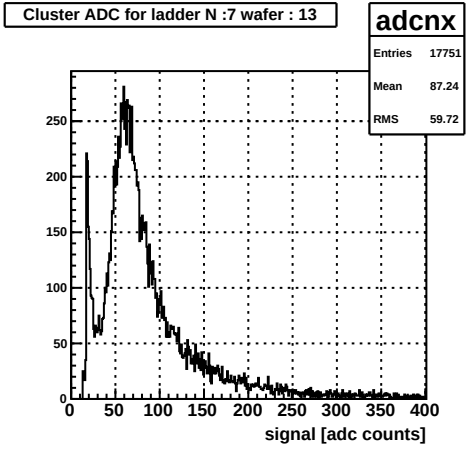

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 3585
Mean 71.26
RMS 56.25
signal [adc counts]

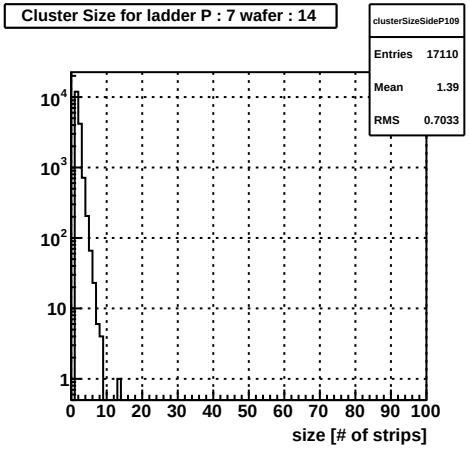

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 18969
Mean 1.388
RMS 0.6878
size [# of strips]

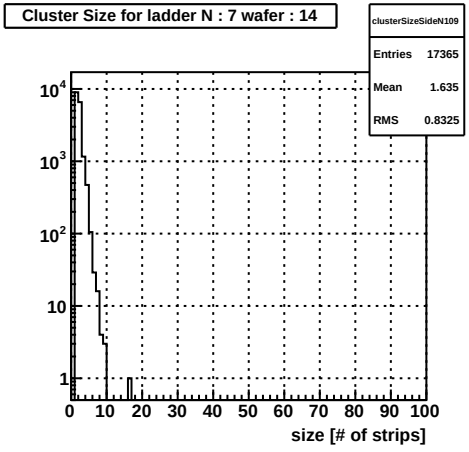

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 17751
Mean 1.657
RMS 0.8344
size [# of strips]

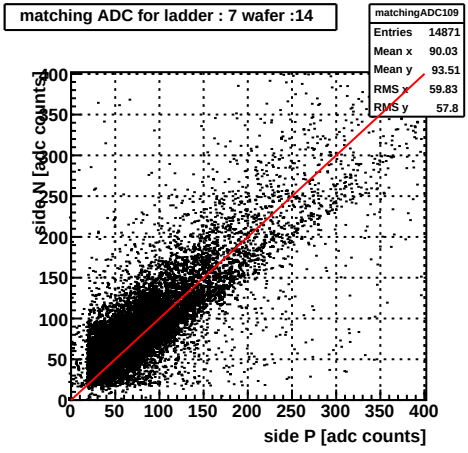

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 16334
Mean x 84.23
Mean y 87.76
RMS x 56.37
RMS y 56.78
side N [adc counts]
side P [adc counts]

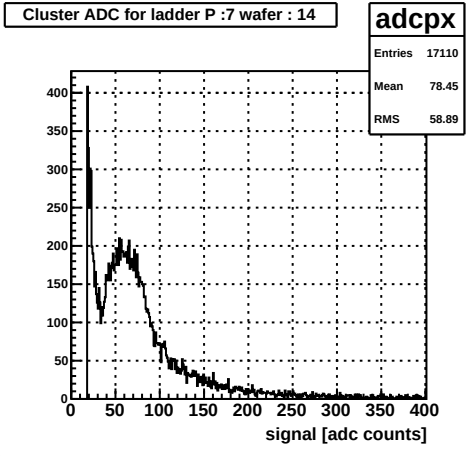

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 18969
Mean 75.55
RMS 57.88
signal [adc counts]

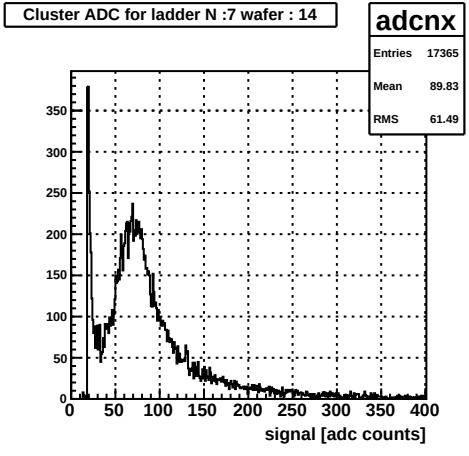

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 17751
Mean 87.24
RMS 59.72
signal [adc counts]

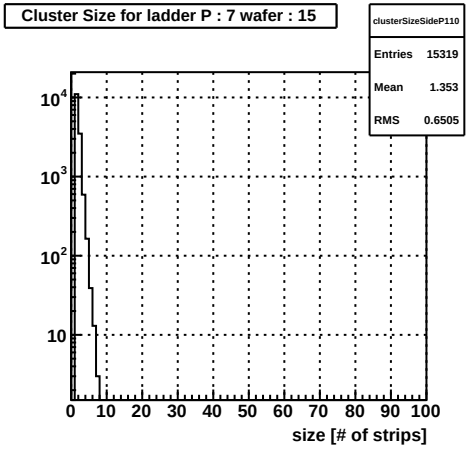

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 17110
Mean 1.39
RMS 0.7033
size [# of strips]

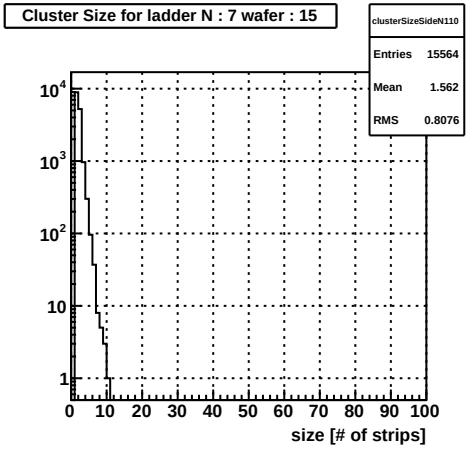

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 17365
Mean 1.635
RMS 0.8325
size [# of strips]

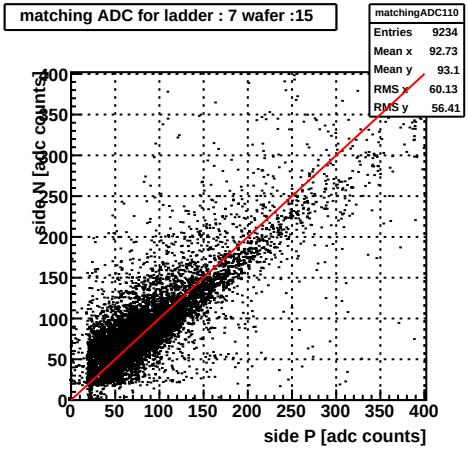

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 14871
Mean x 90.03
Mean y 93.51
RMS x 59.83
RMS y 57.8
side N [adc counts]
side P [adc counts]

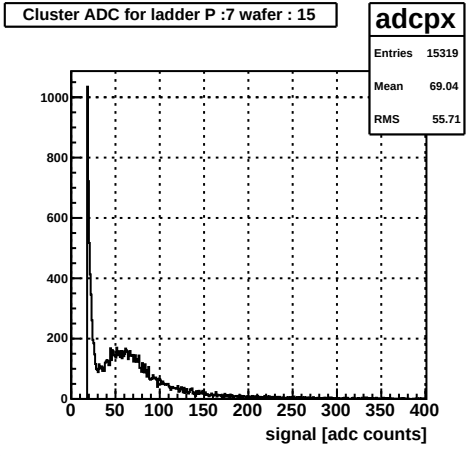

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 17110
Mean 78.45
RMS 58.89
signal [adc counts]

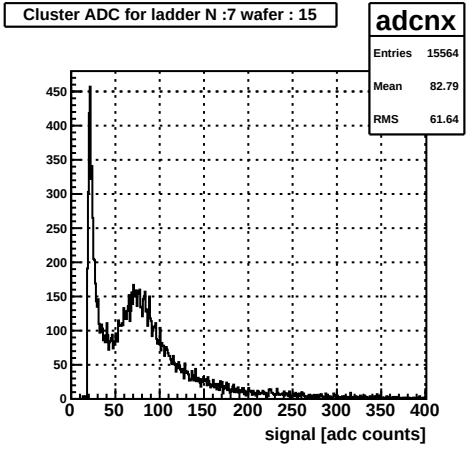

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 17365
Mean 89.83
RMS 61.49
signal [adc counts]

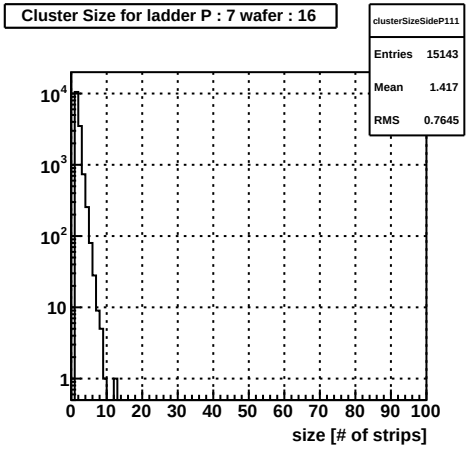

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 15319
Mean 1.353
RMS 0.6505
size [# of strips]

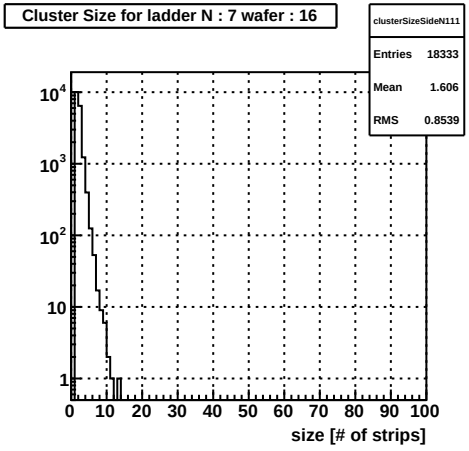

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 15564
Mean 1.562
RMS 0.8076
size [# of strips]

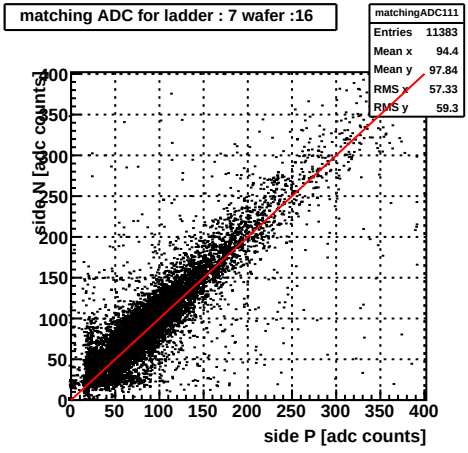

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 9234
Mean x 92.73
Mean y 93.1
RMS x 60.13
RMS y 56.41
side N [adc counts]
side P [adc counts]

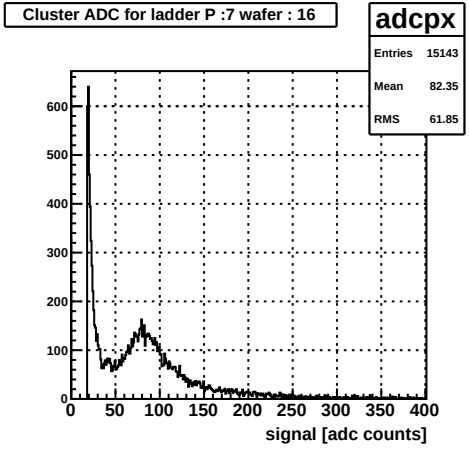

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 15319
Mean 69.04
RMS 55.71
signal [adc counts]

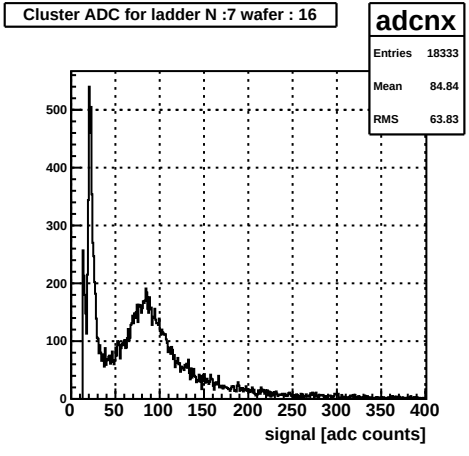

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 15564
Mean 82.79
RMS 61.64
signal [adc counts]

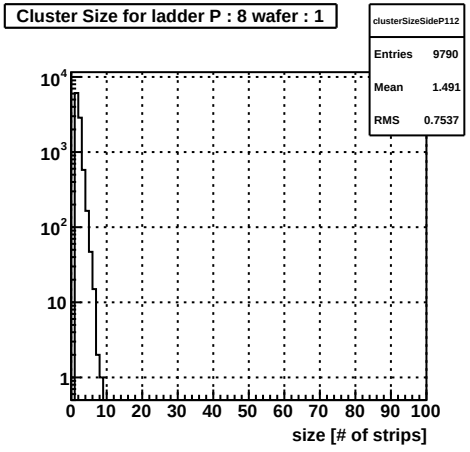

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 15143
Mean 1.417
RMS 0.7645
size [# of strips]

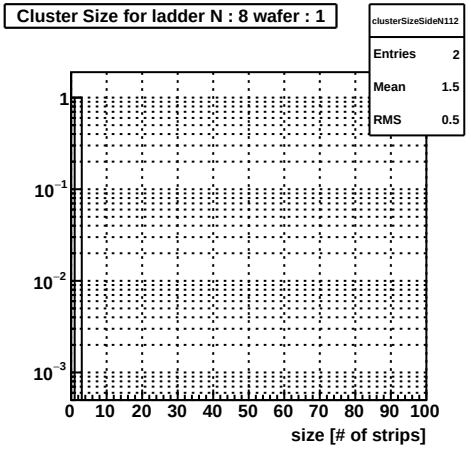

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 18333
Mean 1.606
RMS 0.8539
size [# of strips]

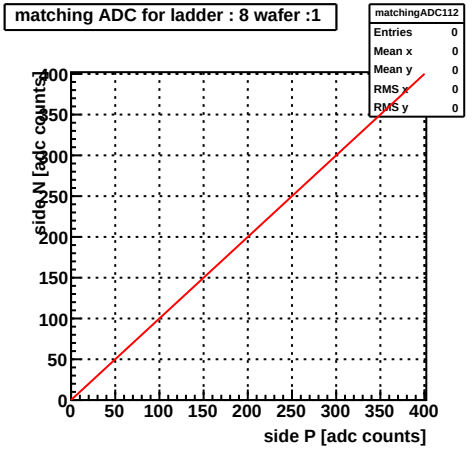

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 11383
Mean x 94.4
Mean y 97.84
RMS x 57.33
RMS y 59.3
side N [adc counts]
side P [adc counts]

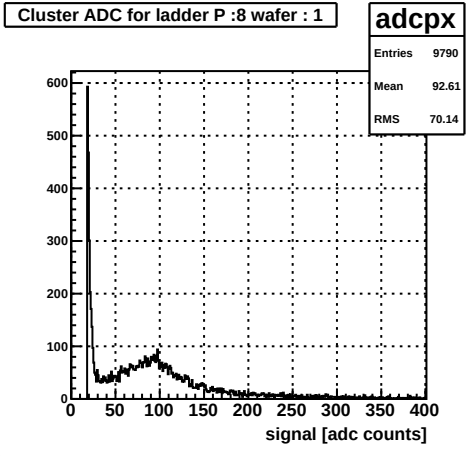

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 15143
Mean 82.35
RMS 61.85
signal [adc counts]

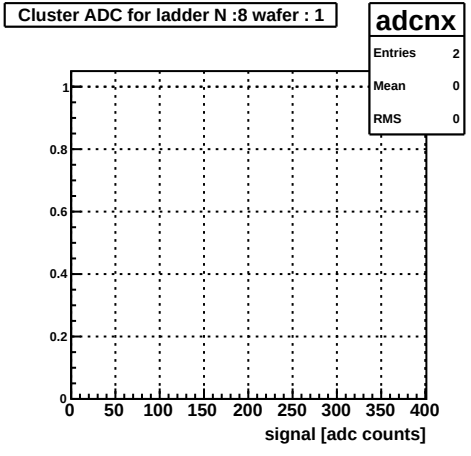

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 18333
Mean 84.84
RMS 63.83
signal [adc counts]

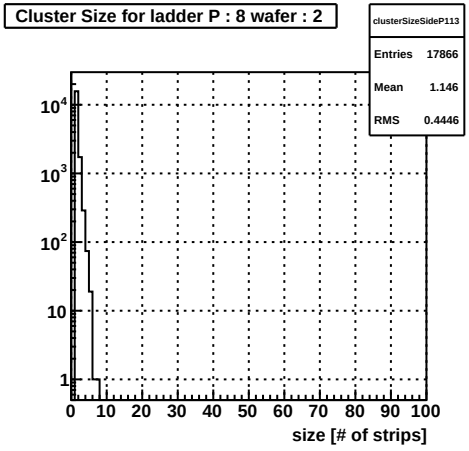

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 9790
Mean 1.491
RMS 0.7537
size [# of strips]

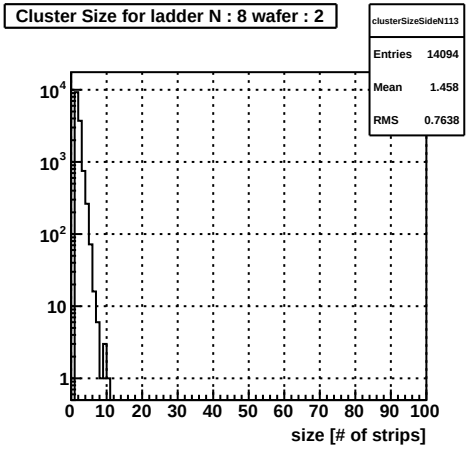

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

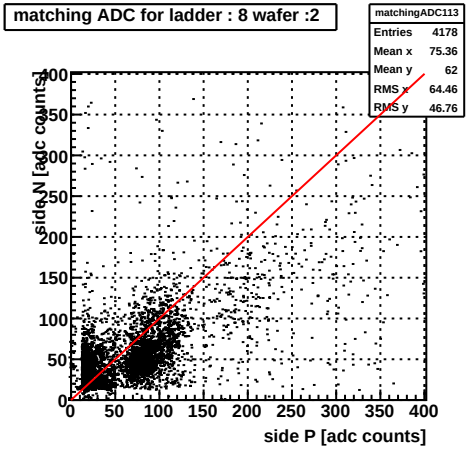

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

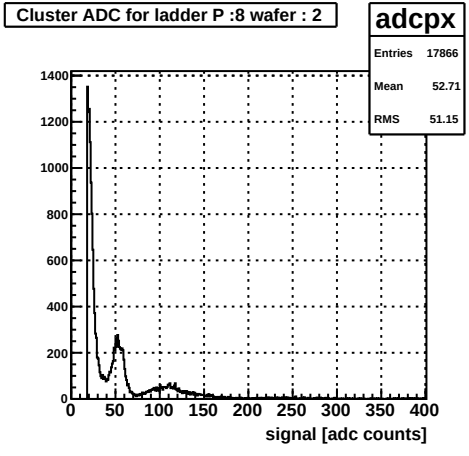

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 9790
Mean 92.61
RMS 70.14
signal [adc counts]

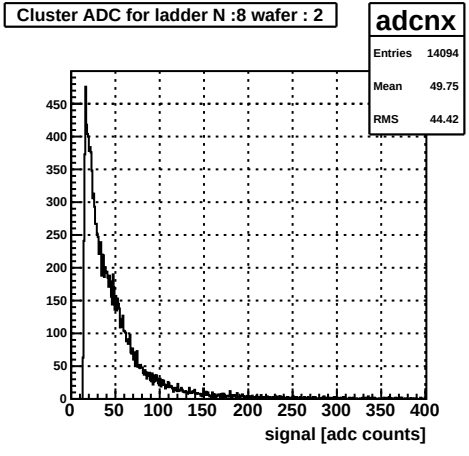

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

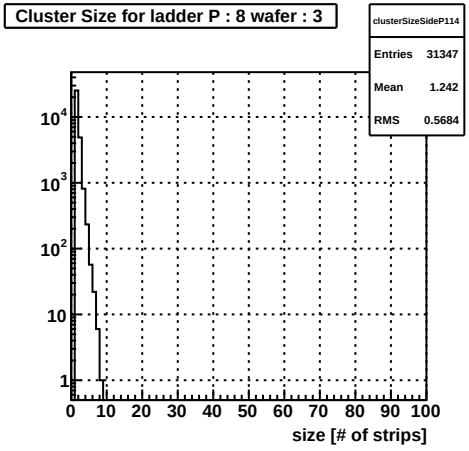

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 17866
Mean 1.146
RMS 0.4446
size [# of strips]

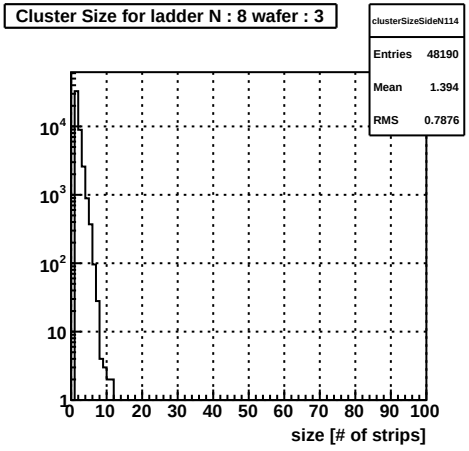

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 14094
Mean 1.458
RMS 0.7638
size [# of strips]

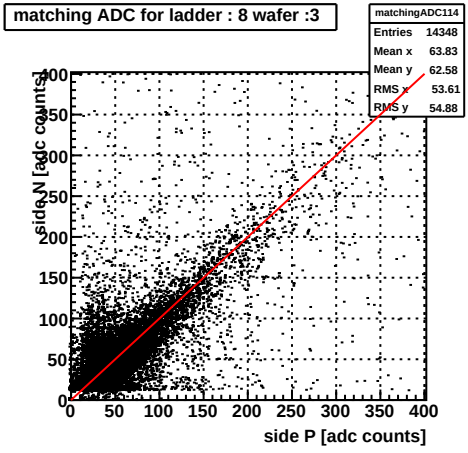

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 4178
Mean x 75.36
Mean y 62
RMS x 64.46
RMS y 46.76
side N [adc counts]
side P [adc counts]

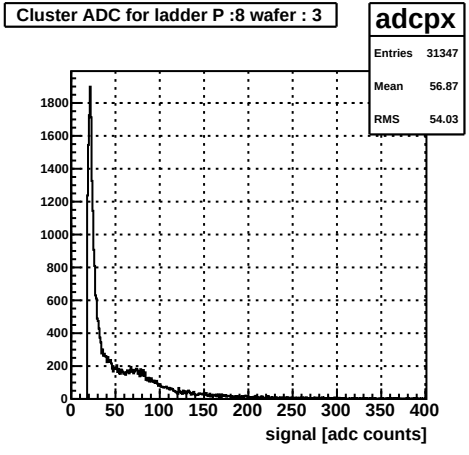

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 17866
Mean 52.71
RMS 51.15
signal [adc counts]

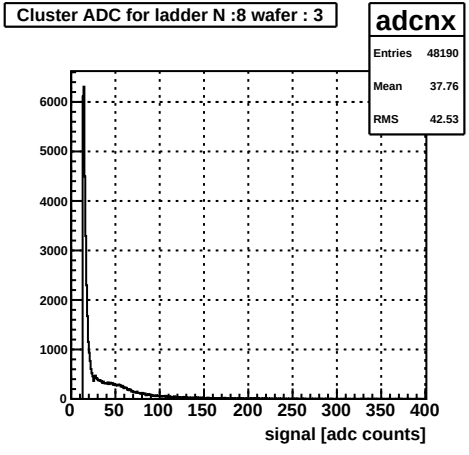

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 14094
Mean 49.75
RMS 44.42
signal [adc counts]

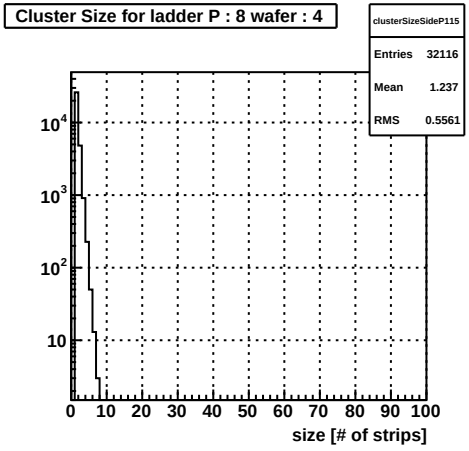

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 31347
Mean 1.242
RMS 0.5684
size [# of strips]

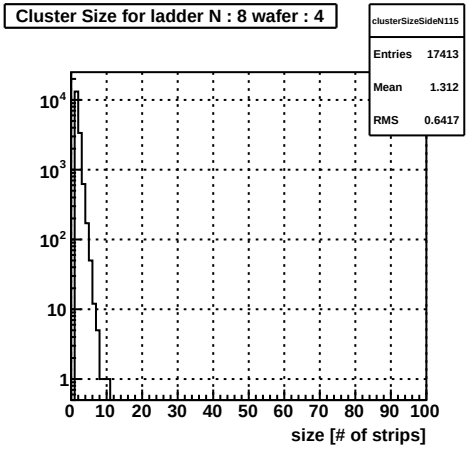

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 48190
Mean 1.394
RMS 0.7876
size [# of strips]

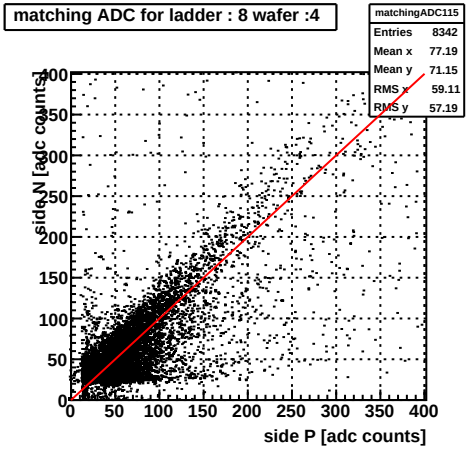

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 14348
Mean x 63.83
Mean y 62.58
RMS x 53.61
RMS y 54.88
side N [adc counts]
side P [adc counts]

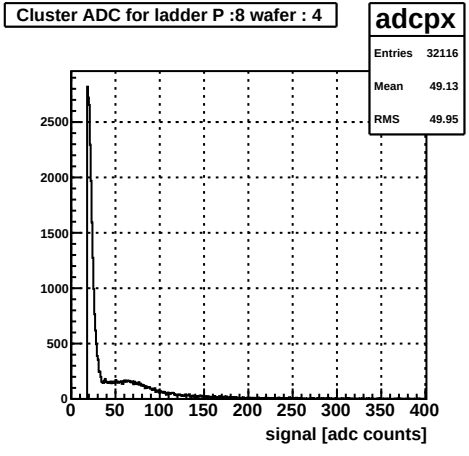

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 31347
Mean 56.87
RMS 54.03
signal [adc counts]

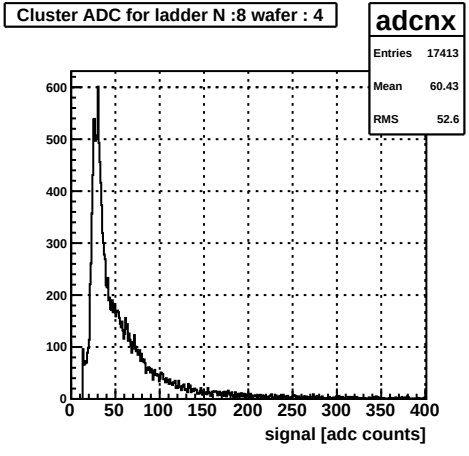

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 48190
Mean 37.76
RMS 42.53
signal [adc counts]

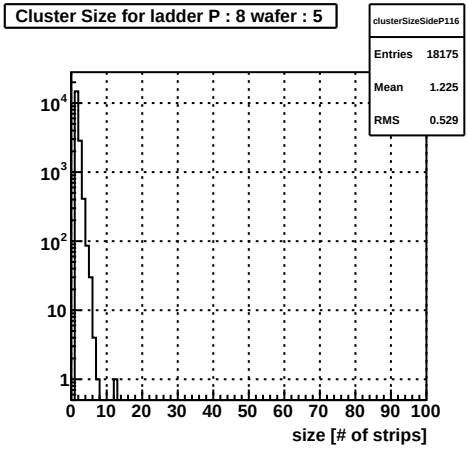

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 32116
Mean 1.237
RMS 0.5561
size [# of strips]

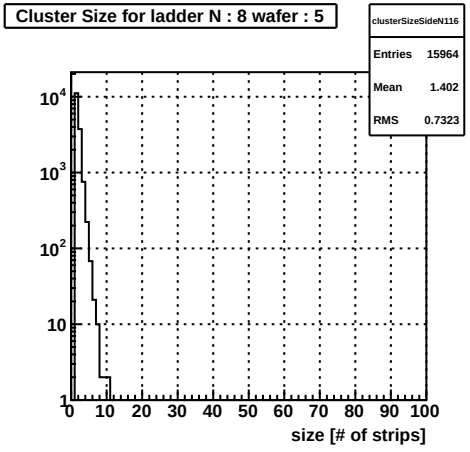

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 17413
Mean 1.312
RMS 0.6417
size [# of strips]

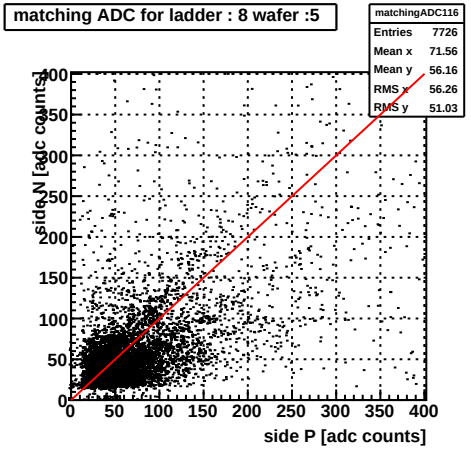

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 8342
Mean x 77.19
Mean y 71.15
RMS x 59.11
RMS y 57.19
side N [adc counts]
side P [adc counts]

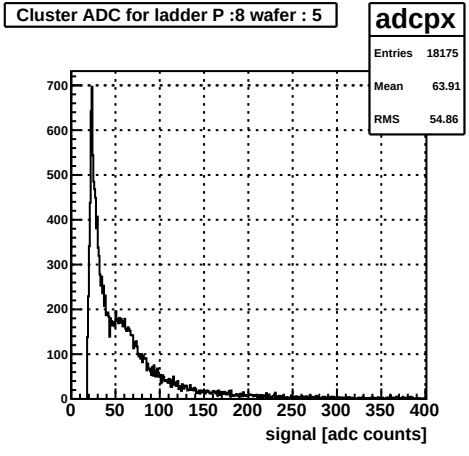

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 32116
Mean 49.13
RMS 49.95
signal [adc counts]

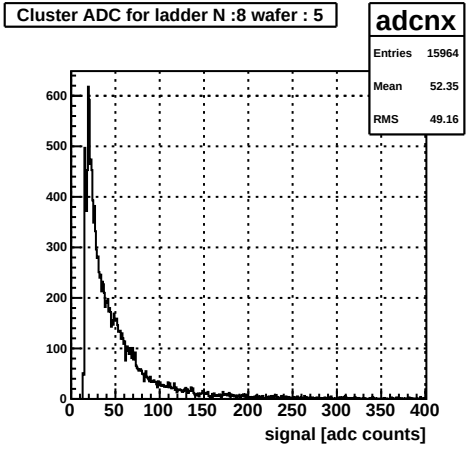

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 17413
Mean 60.43
RMS 52.6
signal [adc counts]

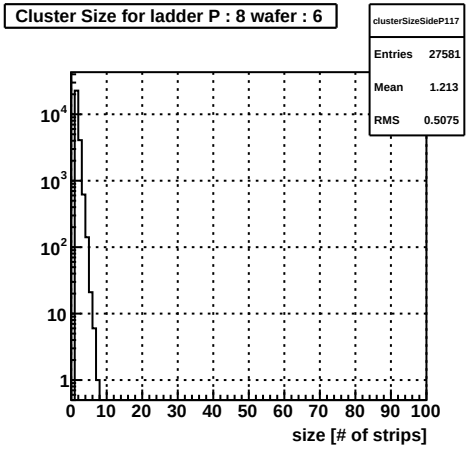

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 18175
Mean 1.225
RMS 0.529
size [# of strips]

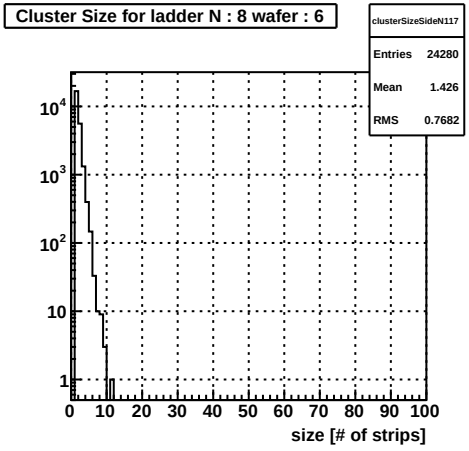

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 15964
Mean 1.402
RMS 0.7323
size [# of strips]

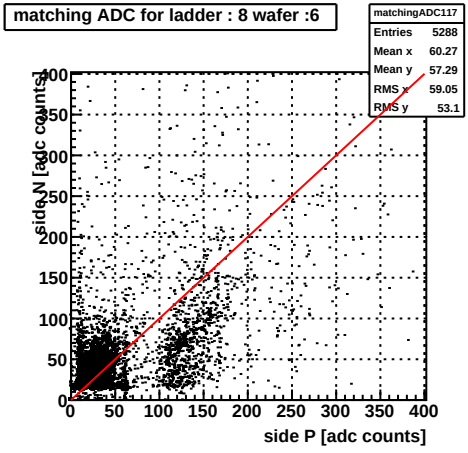

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 7726
Mean x 71.56
Mean y 56.16
RMS x 56.26
RMS y 51.03
side N [adc counts]
side P [adc counts]

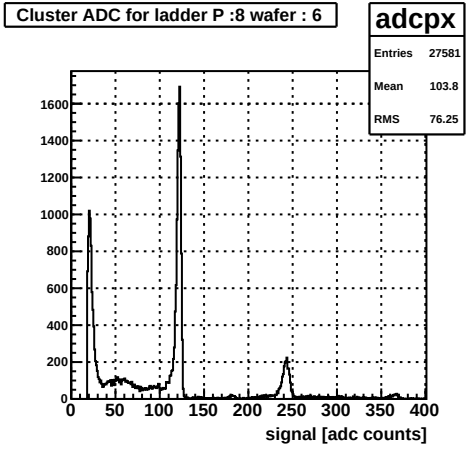

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 18175
Mean 63.91
RMS 54.86
signal [adc counts]

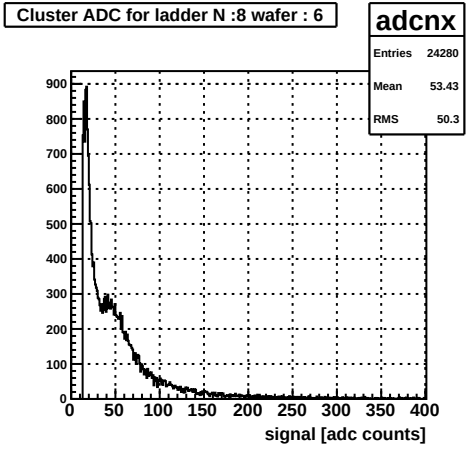

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 15964
Mean 52.35
RMS 49.16
signal [adc counts]

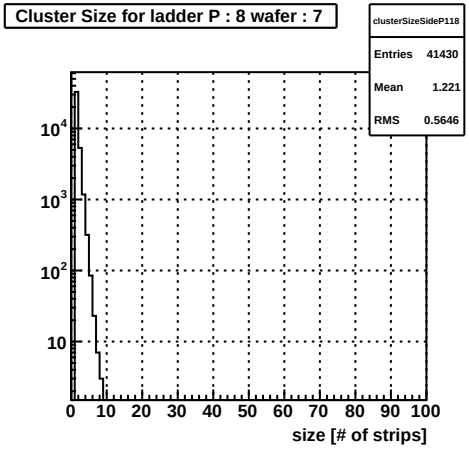

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 27581
Mean 1.213
RMS 0.5075
size [# of strips]

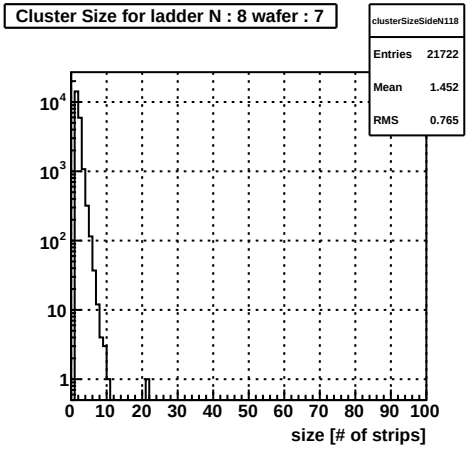

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 24280
Mean 1.426
RMS 0.7682
size [# of strips]

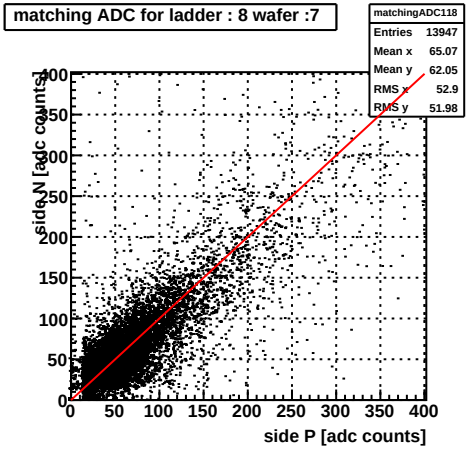

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 5288
Mean x 60.27
Mean y 57.29
RMS x 59.05
RMS y 53.1
side N [adc counts]
side P [adc counts]

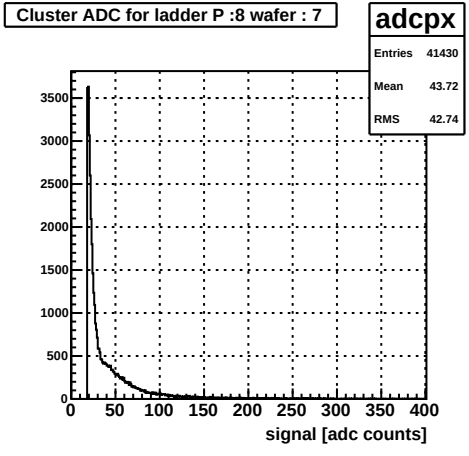

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 27581
Mean 103.8
RMS 76.25
signal [adc counts]

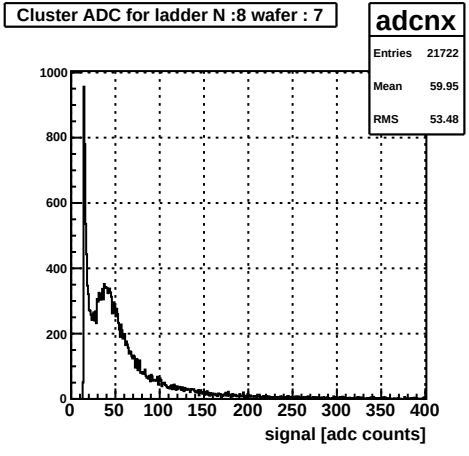

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 24280
Mean 53.43
RMS 50.3
signal [adc counts]

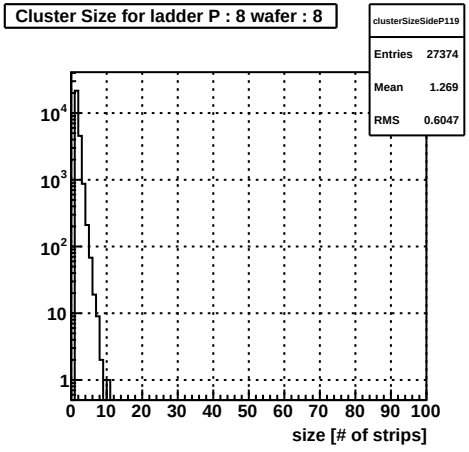

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 41430
Mean 1.221
RMS 0.5646
size [# of strips]

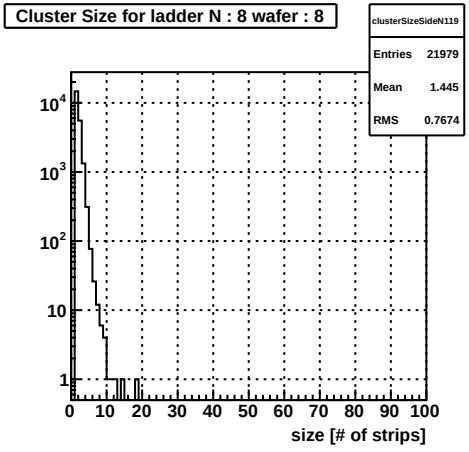

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 21722
Mean 1.452
RMS 0.765
size [# of strips]

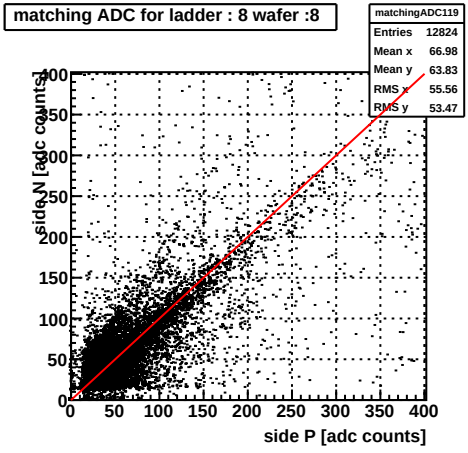

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 13947
Mean x 65.07
Mean y 62.05
RMS x 52.9
RMS y 51.98
side N [adc counts]
side P [adc counts]

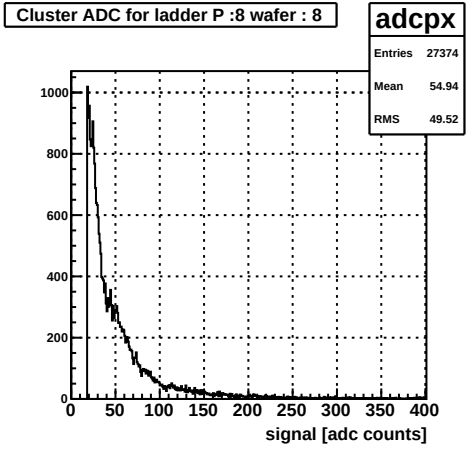

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 41430
Mean 43.72
RMS 42.74
signal [adc counts]

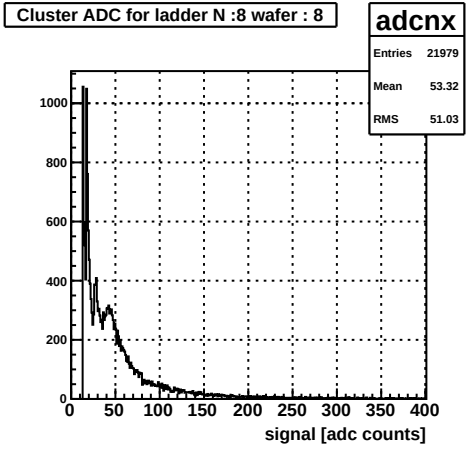

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 21722
Mean 59.95
RMS 53.48
signal [adc counts]

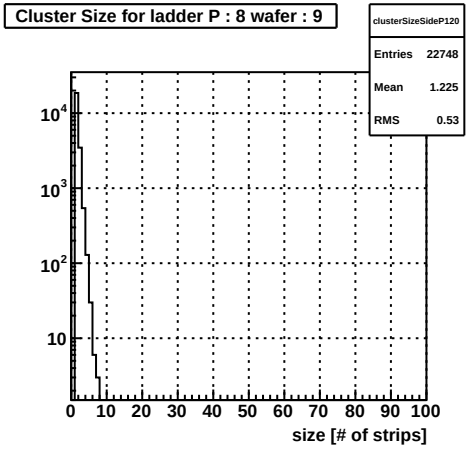

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 27374
Mean 1.269
RMS 0.6047
size [# of strips]

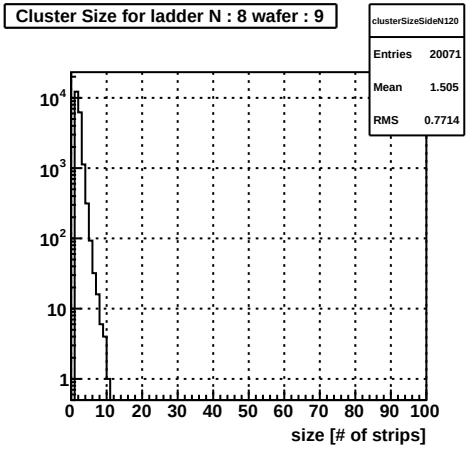

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 21979
Mean 1.445
RMS 0.7674
size [# of strips]

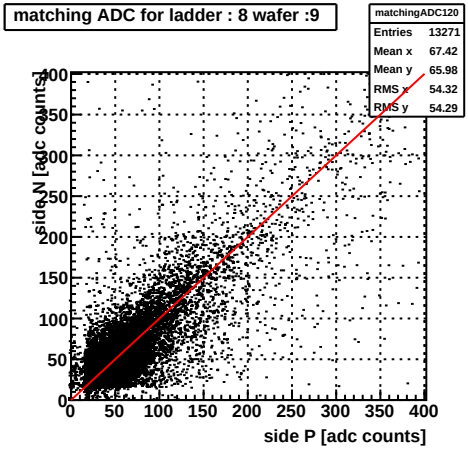

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 12824
Mean x 66.98
Mean y 63.83
RMS x 55.56
RMS y 53.47
side N [adc counts]
side P [adc counts]

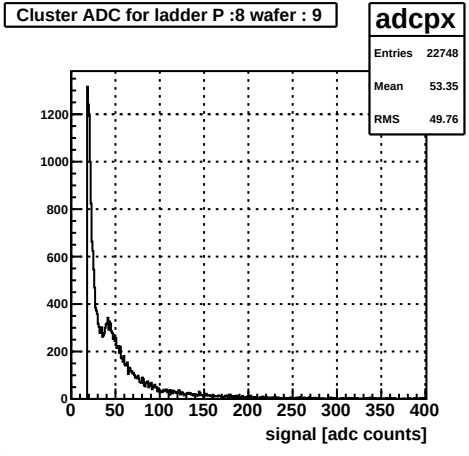

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 27374
Mean 54.94
RMS 49.52
signal [adc counts]

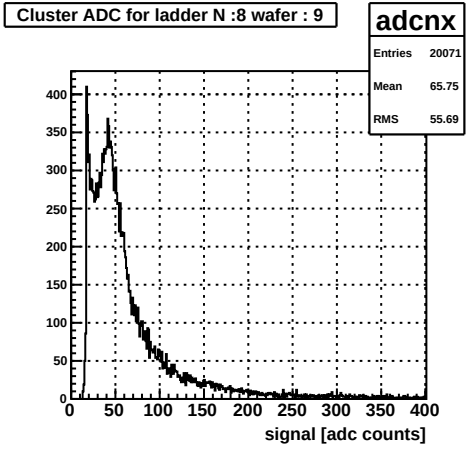

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 21979
Mean 53.32
RMS 51.03
signal [adc counts]

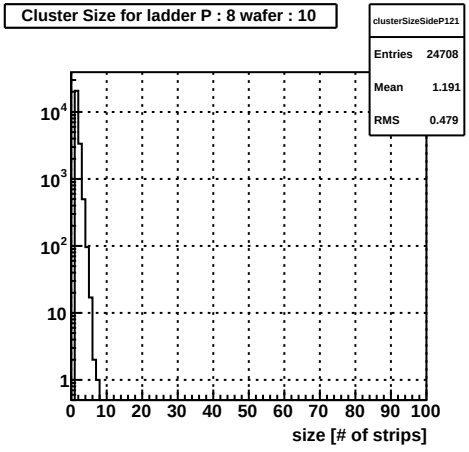

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 22748
Mean 1.225
RMS 0.53
size [# of strips]

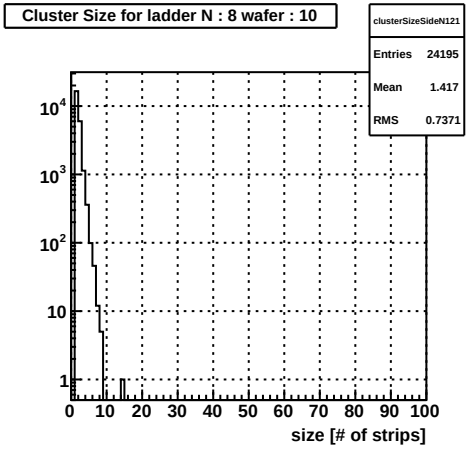

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 20071
Mean 1.505
RMS 0.7714
size [# of strips]

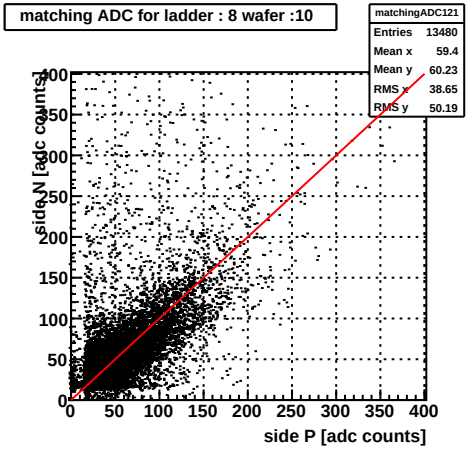

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 13271
Mean x 67.42
Mean y 65.98
RMS x 54.32
RMS y 54.29
side N [adc counts]
side P [adc counts]

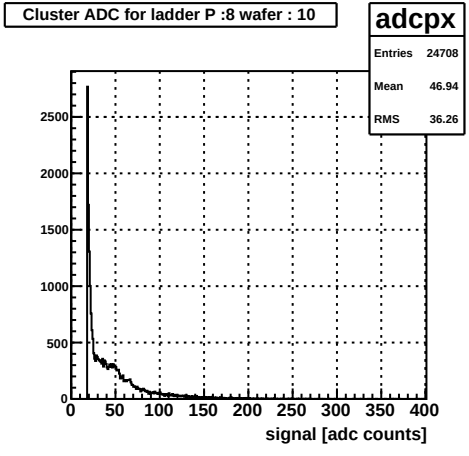

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 22748
Mean 53.35
RMS 49.76
signal [adc counts]

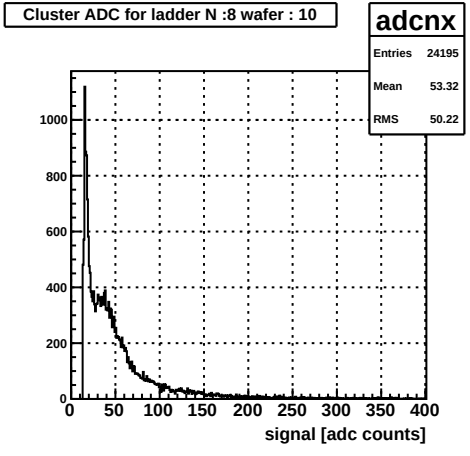

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 20071
Mean 65.75
RMS 55.69
signal [adc counts]

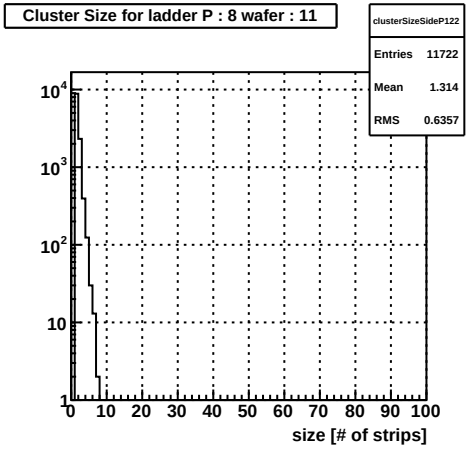

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 24708
Mean 1.191
RMS 0.479
size [# of strips]

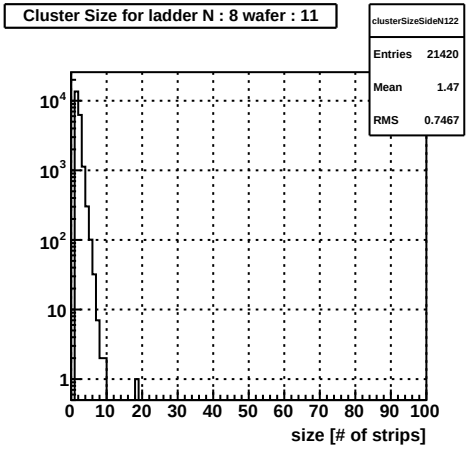

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 24195
Mean 1.417
RMS 0.7371
size [# of strips]

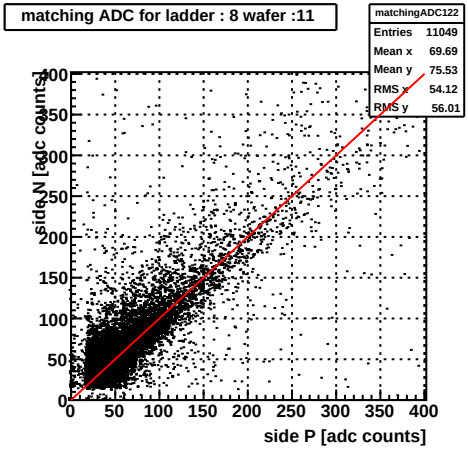

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 13480
Mean x 59.4
Mean y 60.23
RMS x 38.65
RMS y 50.19
side N [adc counts]
side P [adc counts]

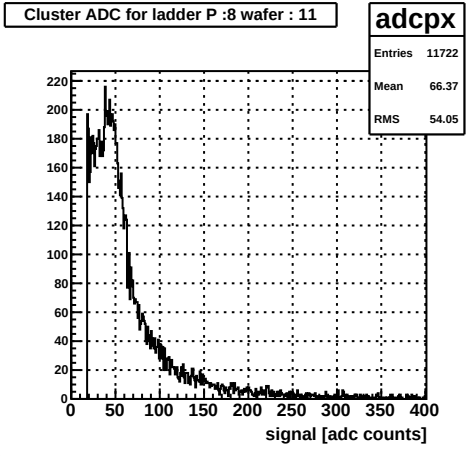

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 24708
Mean 46.94
RMS 36.26
signal [adc counts]

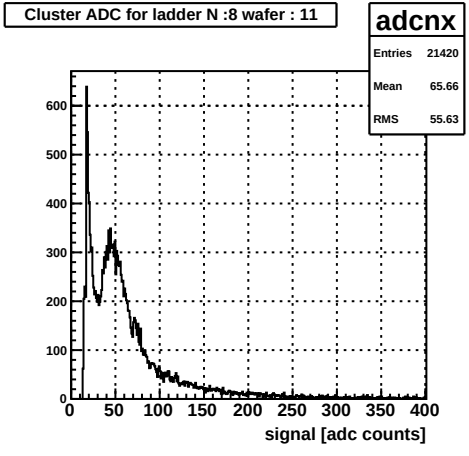

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 24195
Mean 53.32
RMS 50.22
signal [adc counts]

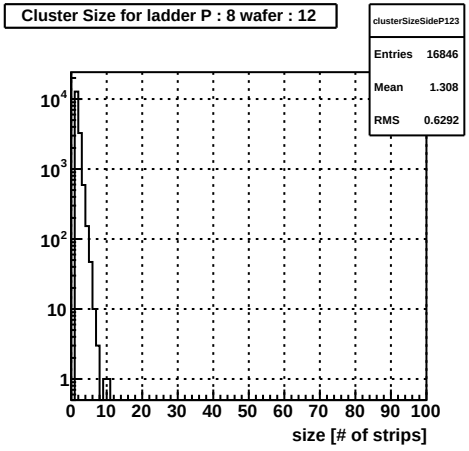

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 11722
Mean 1.314
RMS 0.6357
size [# of strips]

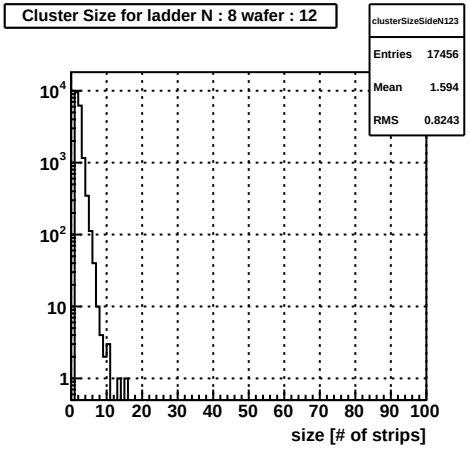

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 21420
Mean 1.47
RMS 0.7467
size [# of strips]

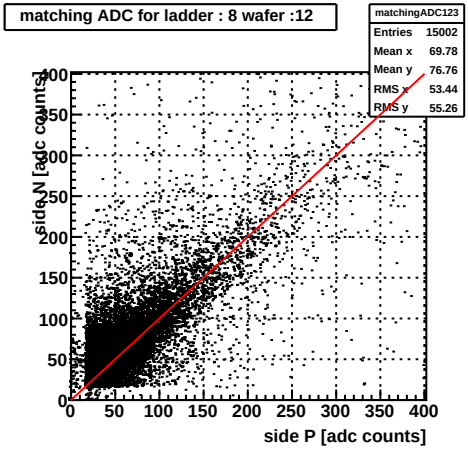

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 11049
Mean x 69.69
Mean y 75.53
RMS x 54.12
RMS y 56.01
side N [adc counts]
side P [adc counts]

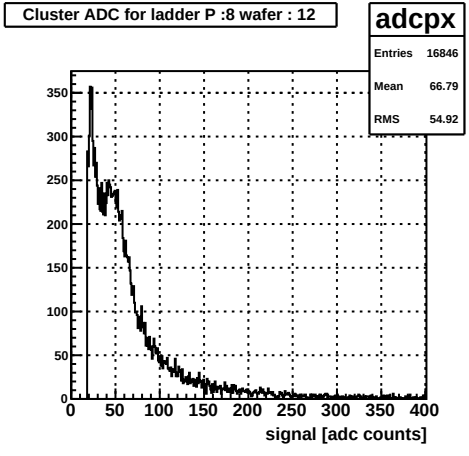

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 11722
Mean 66.37
RMS 54.05
signal [adc counts]

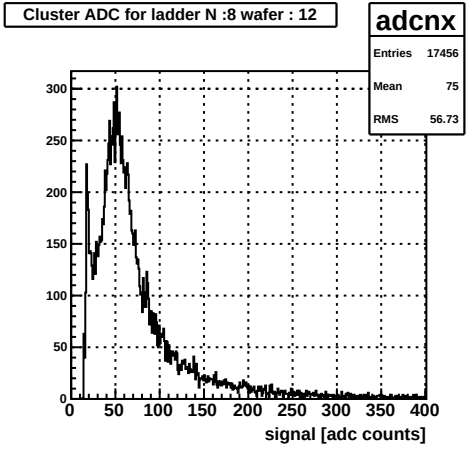

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 21420
Mean 65.66
RMS 55.63
signal [adc counts]

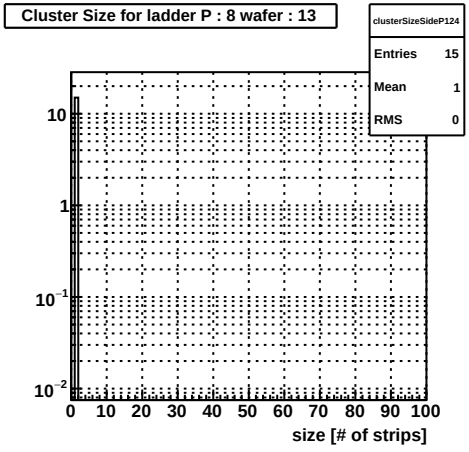

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 16846
Mean 1.308
RMS 0.6292
size [# of strips]

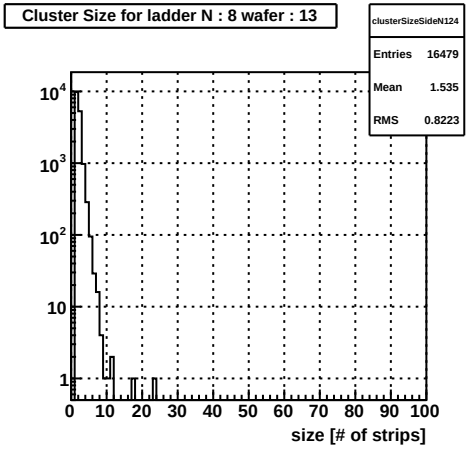

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 17456
Mean 1.594
RMS 0.8243
size [# of strips]

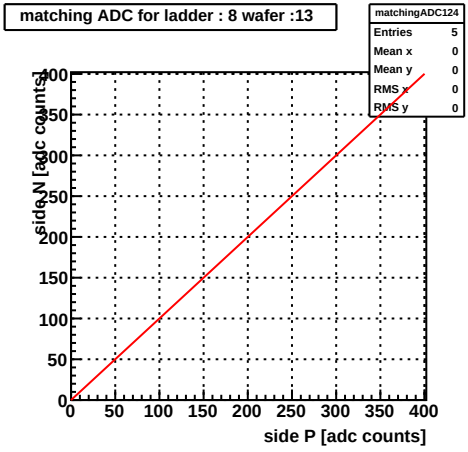

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 15002
Mean x 69.78
Mean y 76.76
RMS x 53.44
RMS y 55.26
side N [adc counts]
side P [adc counts]

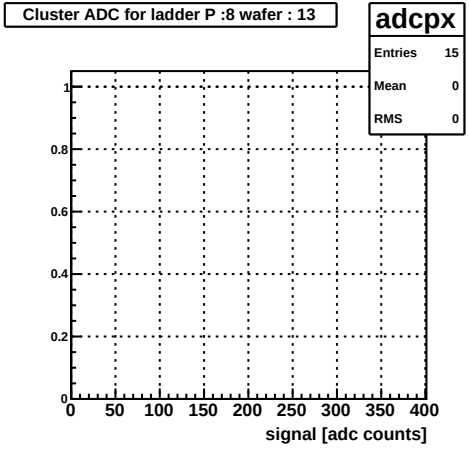

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 16846
Mean 66.79
RMS 54.92
signal [adc counts]

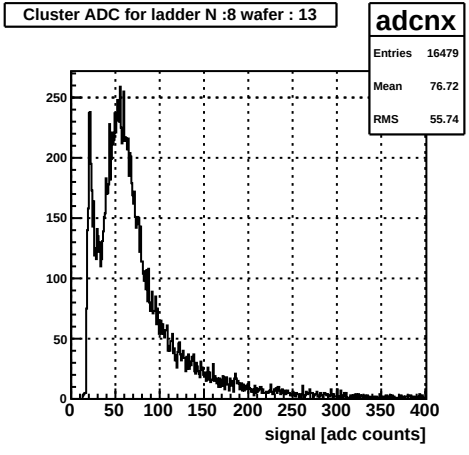

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 17456
Mean 75
RMS 56.73
signal [adc counts]

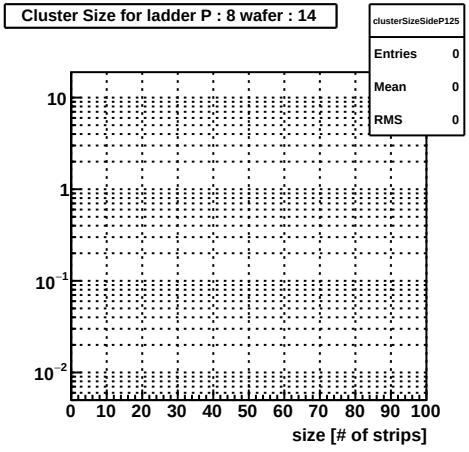

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 15
Mean 1
RMS 0
size [# of strips]

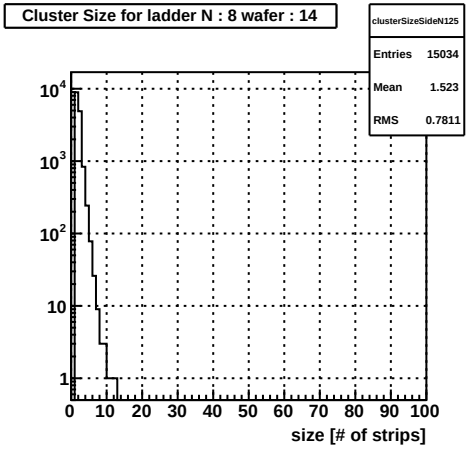

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 16479
Mean 1.535
RMS 0.8223
size [# of strips]

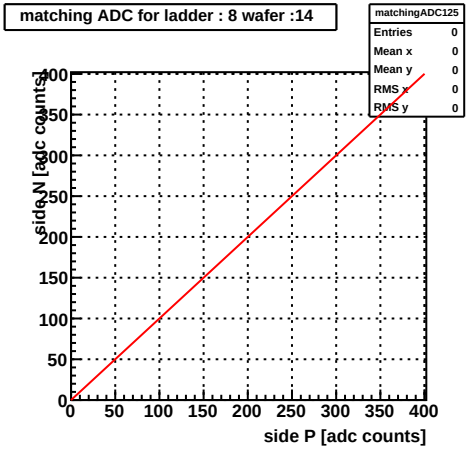

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

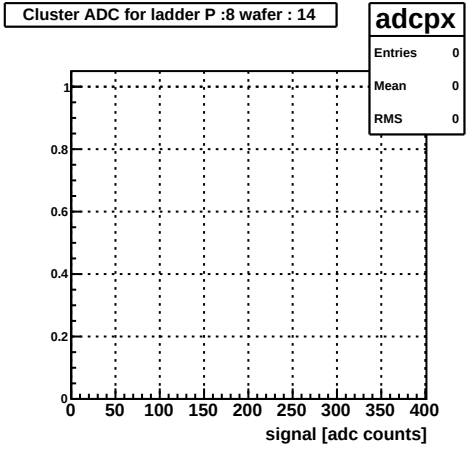

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

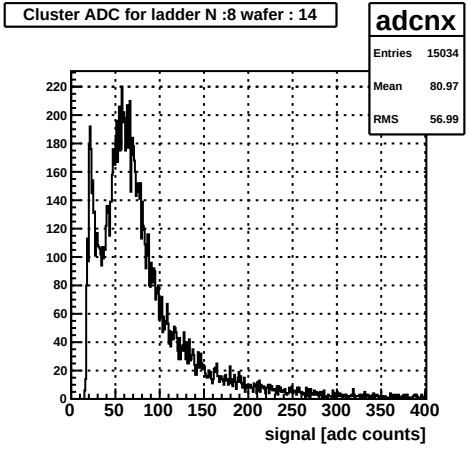

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 16479
Mean 76.72
RMS 55.74
signal [adc counts]

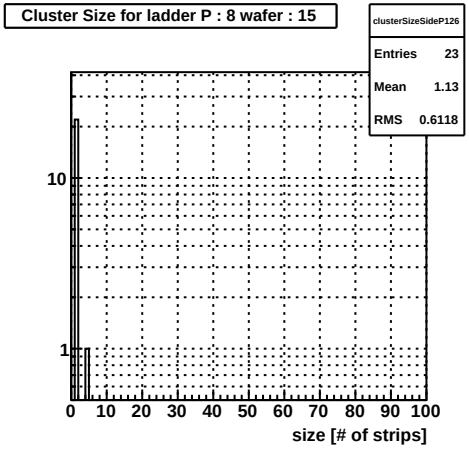

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

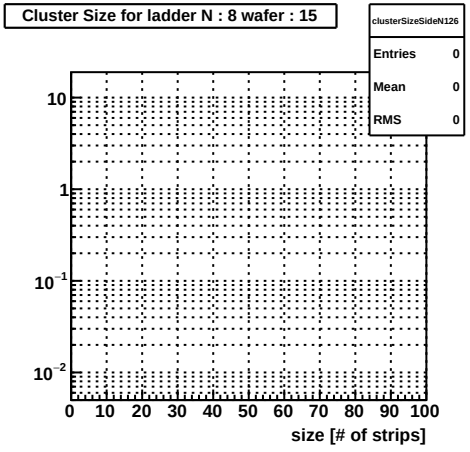

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 15034
Mean 1.523
RMS 0.7811
size [# of strips]

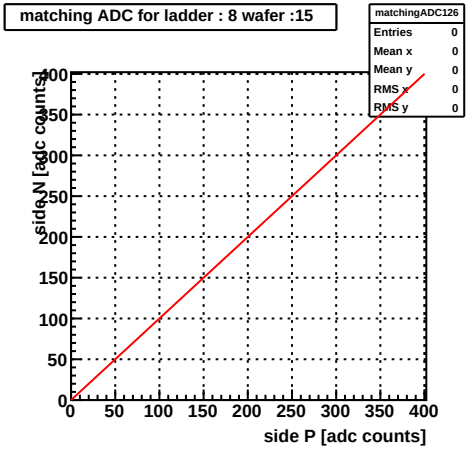

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

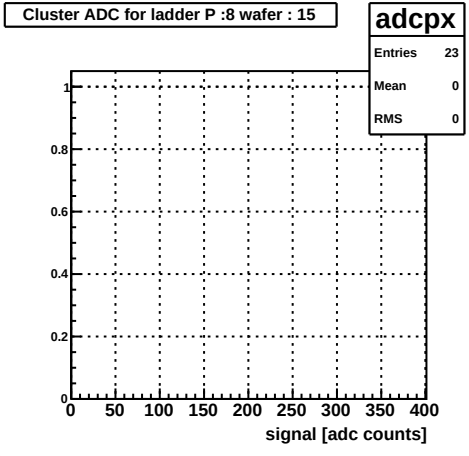

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

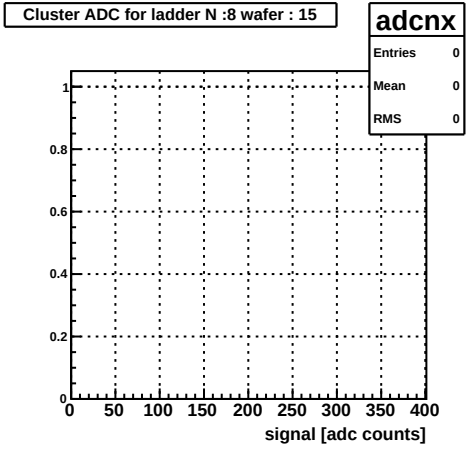

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 15034
Mean 80.97
RMS 56.99
signal [adc counts]

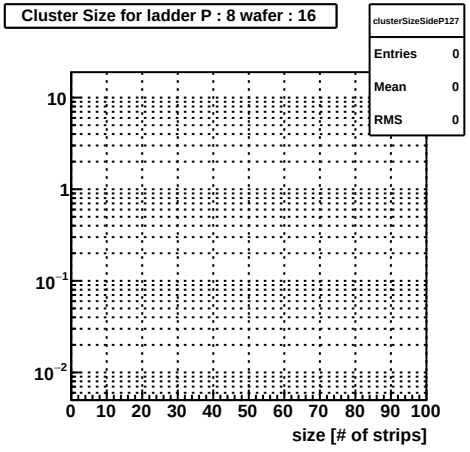

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 23
Mean 1.13
RMS 0.6118
size [# of strips]

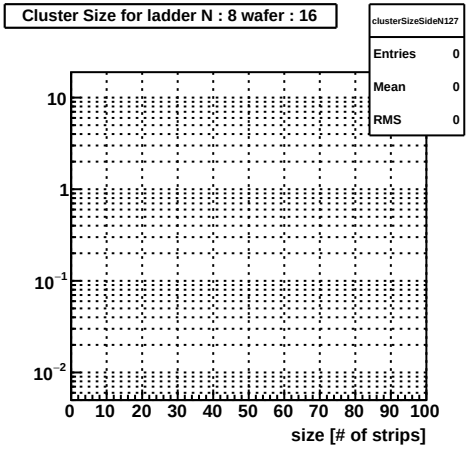

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

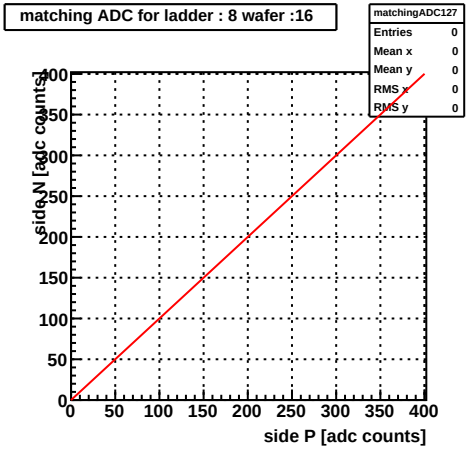

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

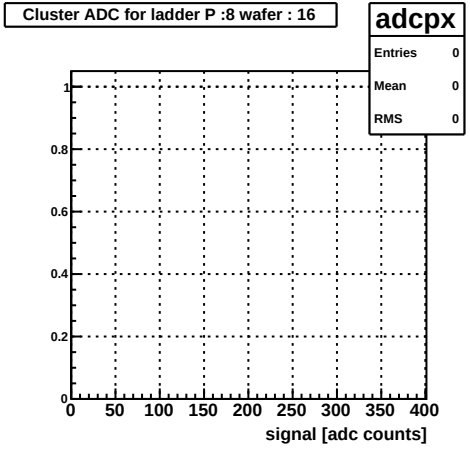

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 23
Mean 0
RMS 0
signal [adc counts]

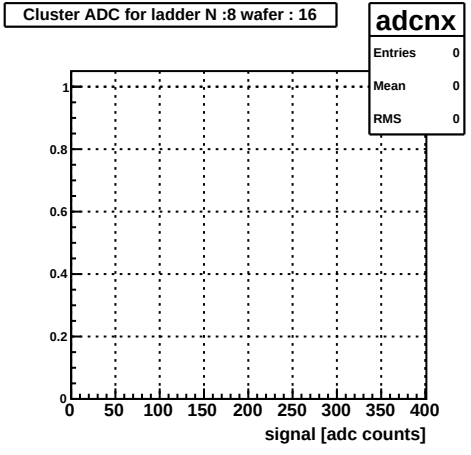

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

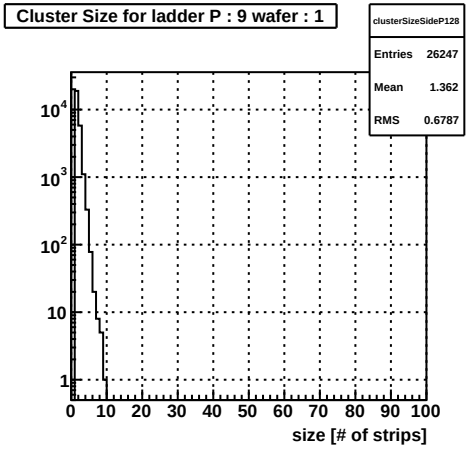

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

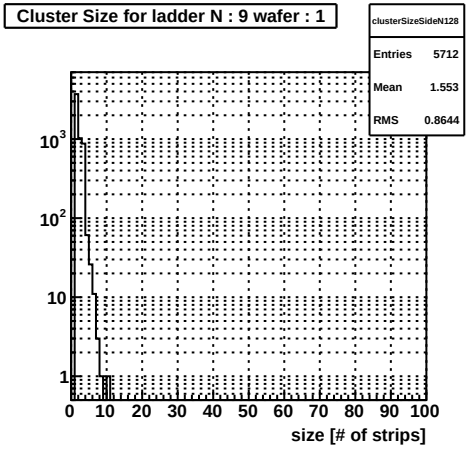

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

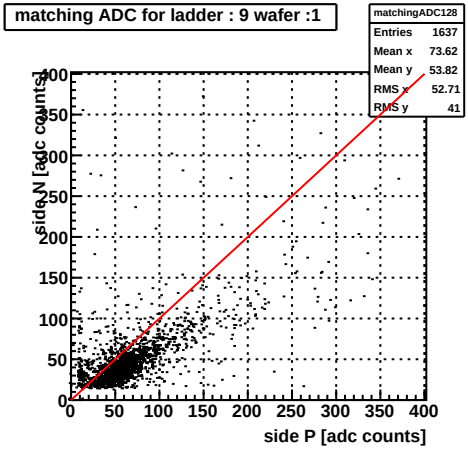

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

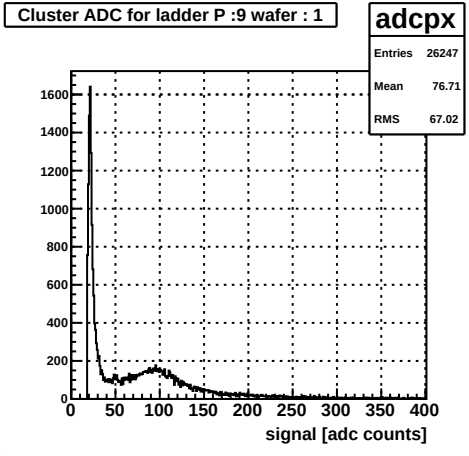

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

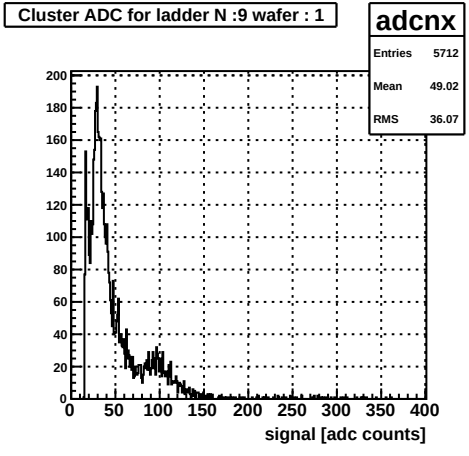

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

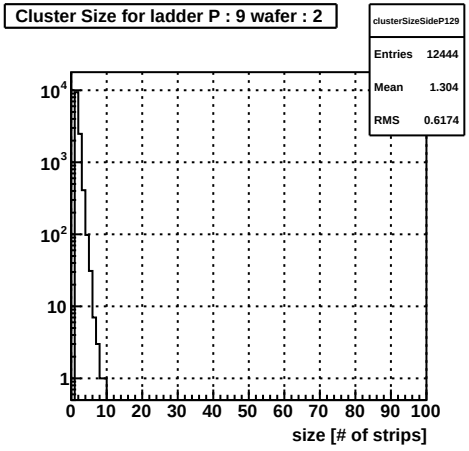

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 26247
Mean 1.362
RMS 0.6787
size [# of strips]

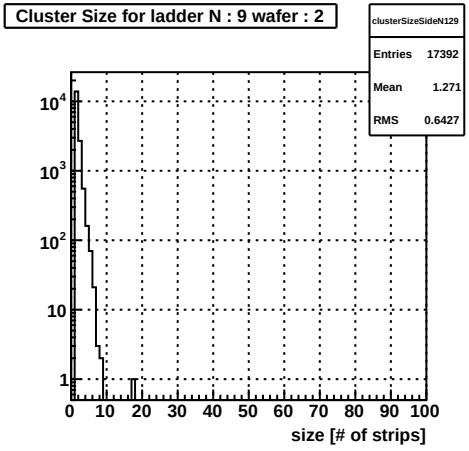

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5712
Mean 1.553
RMS 0.8644
size [# of strips]

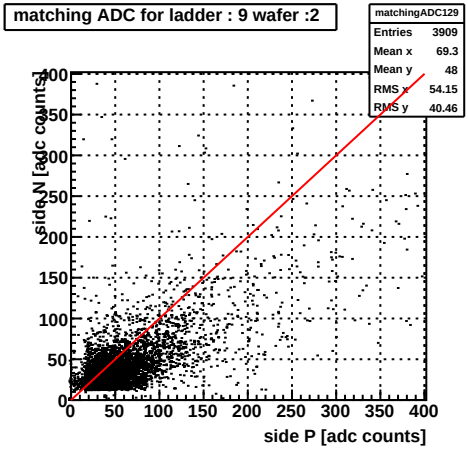

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1637
Mean x 73.62
Mean y 53.82
RMS x 52.71
RMS y 41
side N [adc counts]
side P [adc counts]

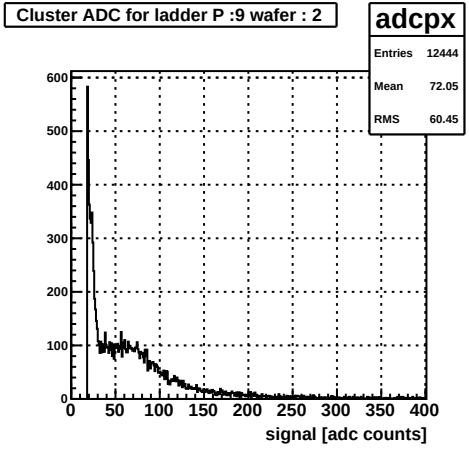

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 26247
Mean 76.71
RMS 67.02
signal [adc counts]

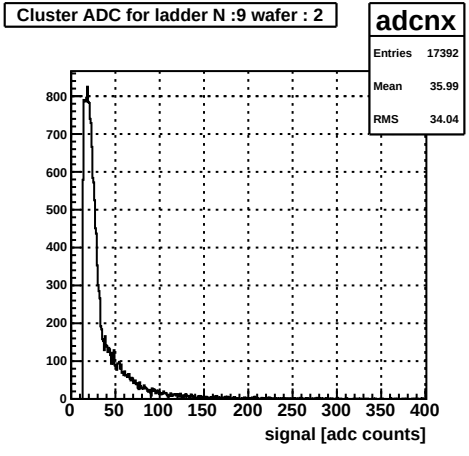

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5712
Mean 49.02
RMS 36.07
signal [adc counts]

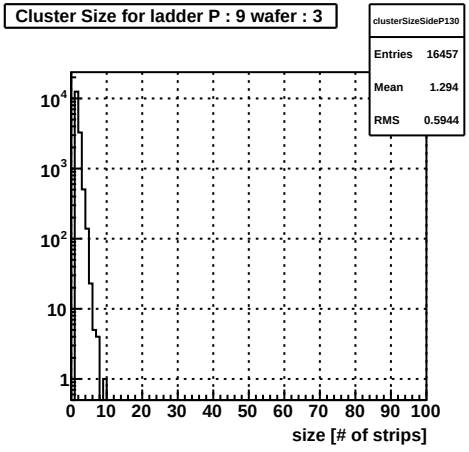

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 12444
Mean 1.304
RMS 0.6174
size [# of strips]

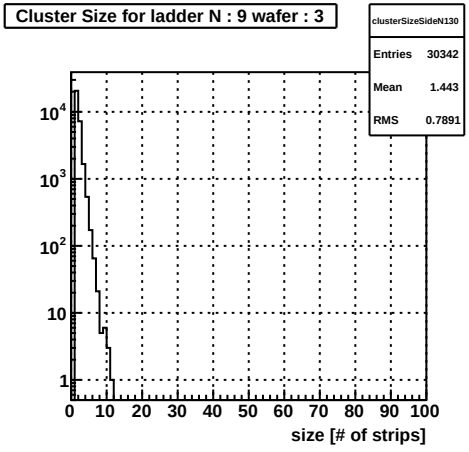

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 17392
Mean 1.271
RMS 0.6427
size [# of strips]

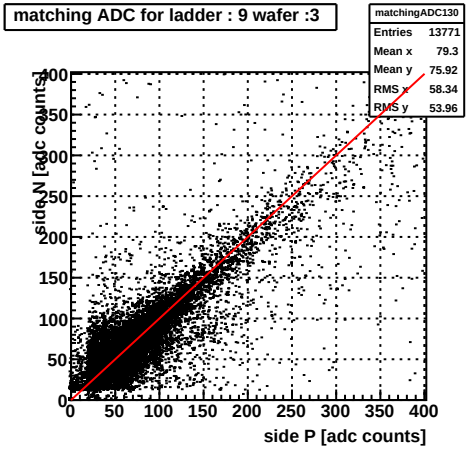

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3909
Mean x 69.3
Mean y 48
RMS x 54.15
RMS y 40.46
side N [adc counts]
side P [adc counts]

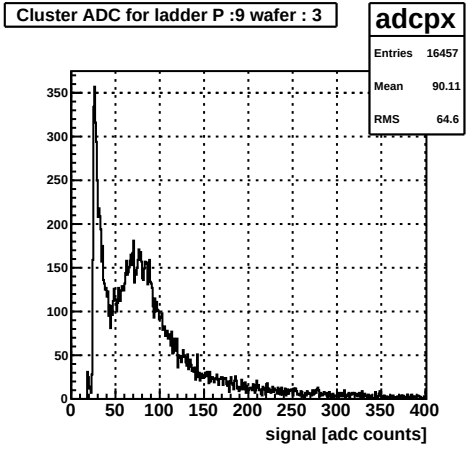

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 12444
Mean 72.05
RMS 60.45
signal [adc counts]

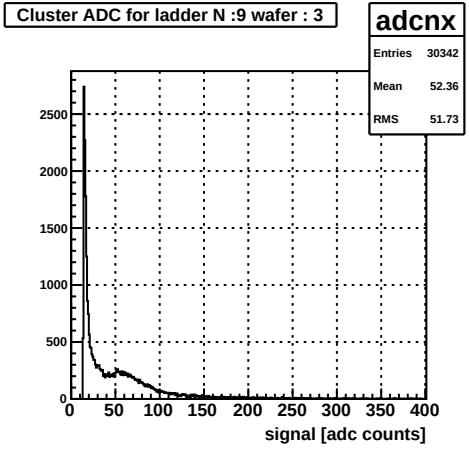

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 17392
Mean 35.99
RMS 34.04
signal [adc counts]

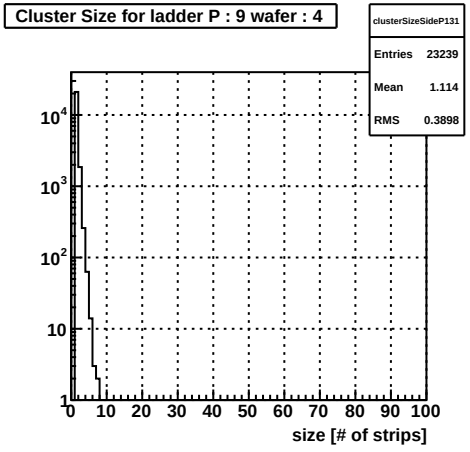

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 16457
Mean 1.294
RMS 0.5944
size [# of strips]

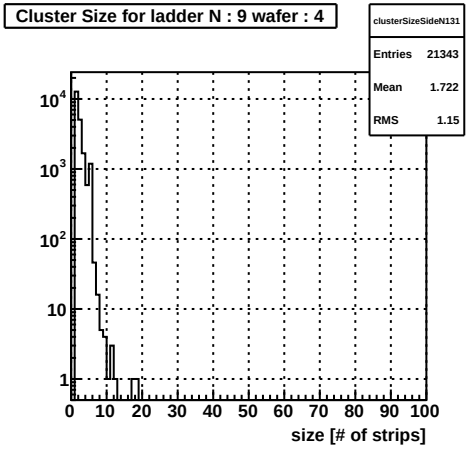

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 30342
Mean 1.443
RMS 0.7891
size [# of strips]

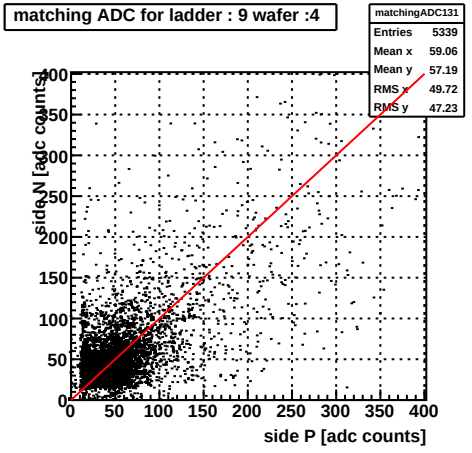

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 13771
Mean x 79.3
Mean y 75.92
RMS x 58.34
RMS y 53.96
side N [adc counts]
side P [adc counts]

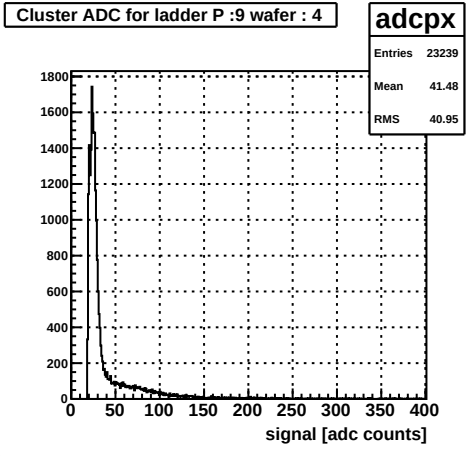

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 16457
Mean 90.11
RMS 64.6
signal [adc counts]

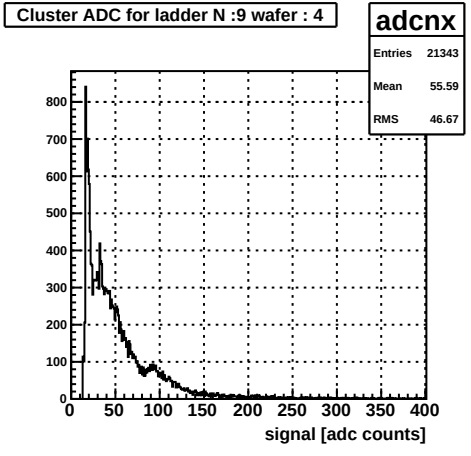

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 30342
Mean 52.36
RMS 51.73
signal [adc counts]

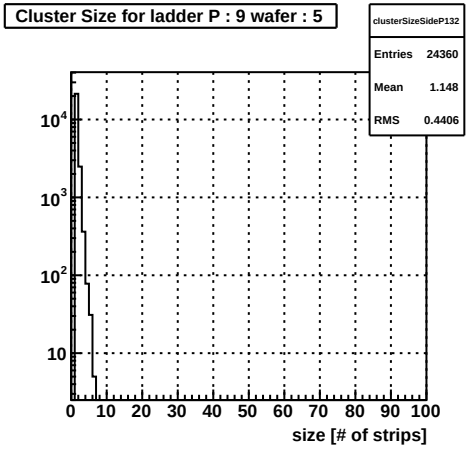

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 23239
Mean 1.114
RMS 0.3898
size [# of strips]

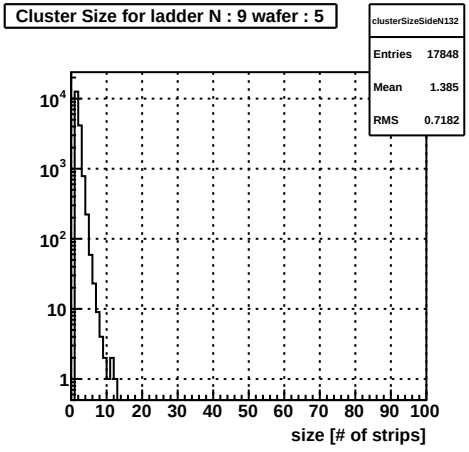

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 21343
Mean 1.722
RMS 1.15
size [# of strips]

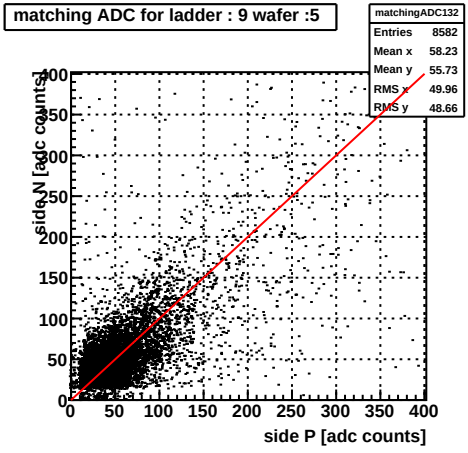

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 5339
Mean x 59.06
Mean y 57.19
RMS x 49.72
RMS y 47.23
side N [adc counts]
side P [adc counts]

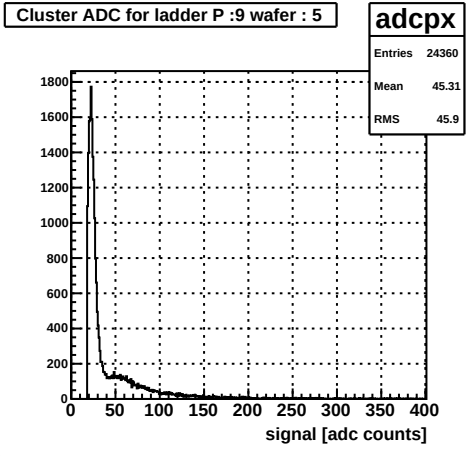

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 23239
Mean 41.48
RMS 40.95
signal [adc counts]

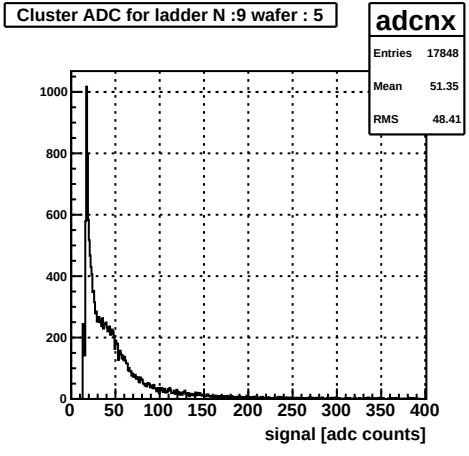

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 21343
Mean 55.59
RMS 46.67
signal [adc counts]

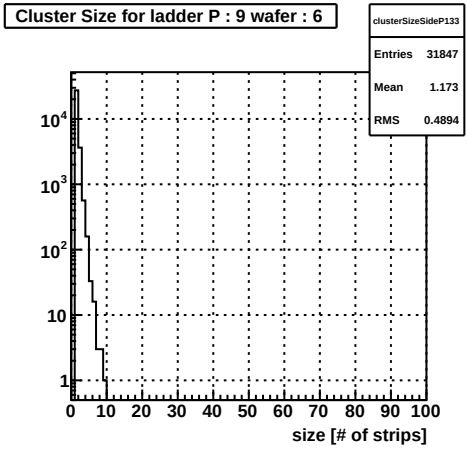

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 24360
Mean 1.148
RMS 0.4406
size [# of strips]

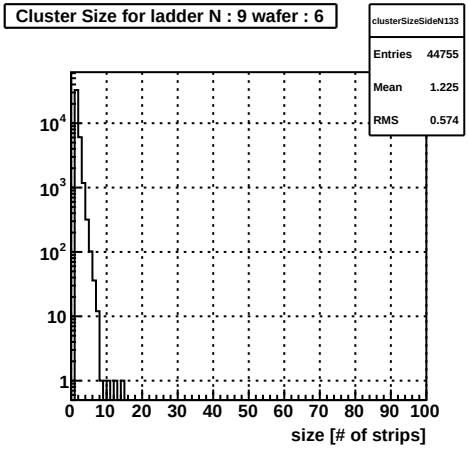

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 17848
Mean 1.385
RMS 0.7182
size [# of strips]

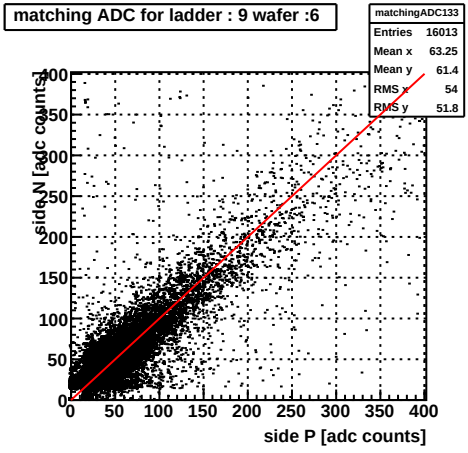

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 8582
Mean x 58.23
Mean y 55.73
RMS x 49.96
RMS y 48.66
side N [adc counts]
side P [adc counts]

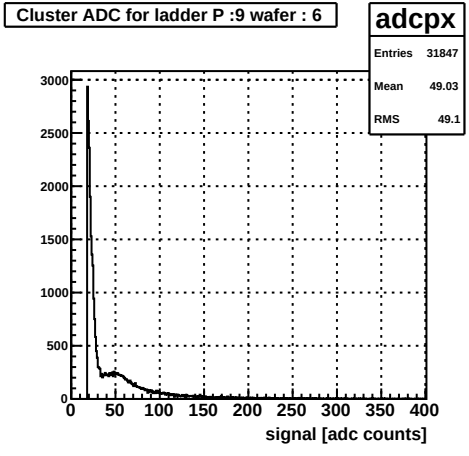

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 24360
Mean 45.31
RMS 45.9
signal [adc counts]

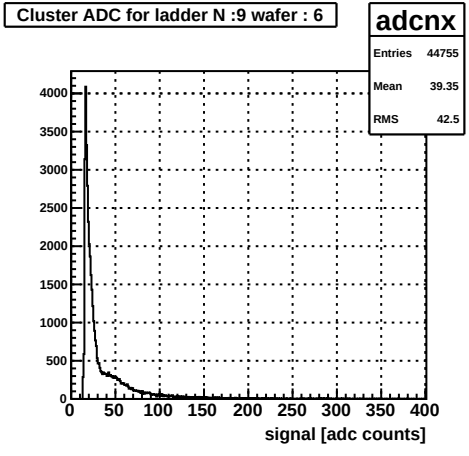

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 17848
Mean 51.35
RMS 48.41
signal [adc counts]

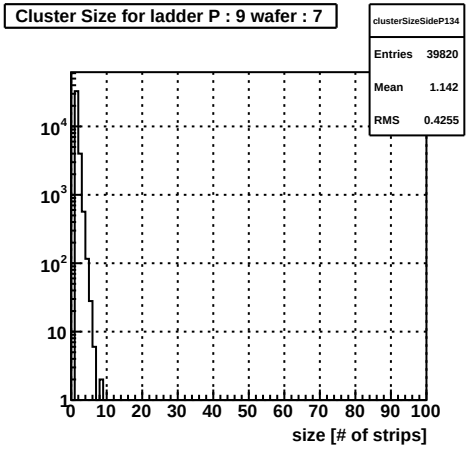

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 31847
Mean 1.173
RMS 0.4894
size [# of strips]

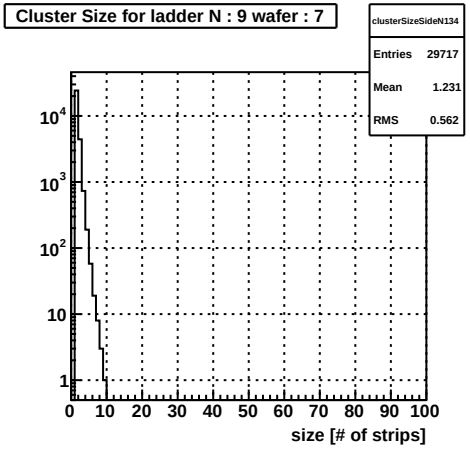

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 44755
Mean 1.225
RMS 0.574
size [# of strips]

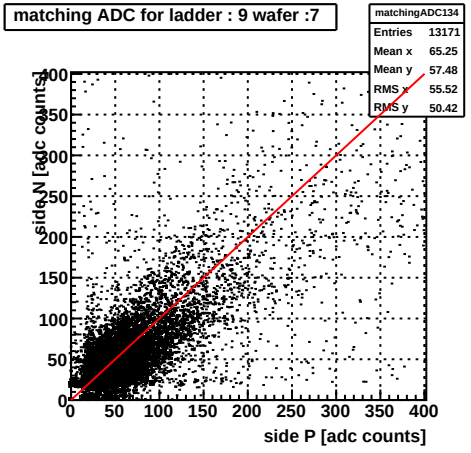

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 16013
Mean x 63.25
Mean y 61.4
RMS x 54
RMS y 51.8
side N [adc counts]
side P [adc counts]

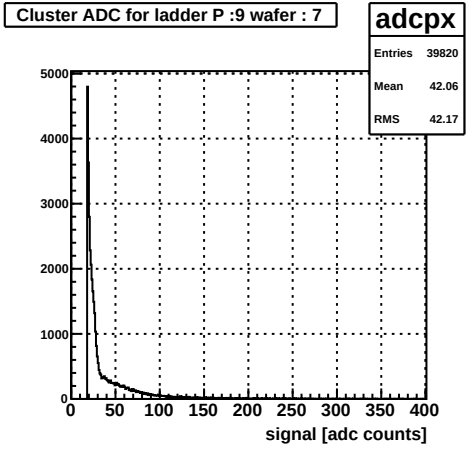

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 31847
Mean 49.03
RMS 49.1
signal [adc counts]

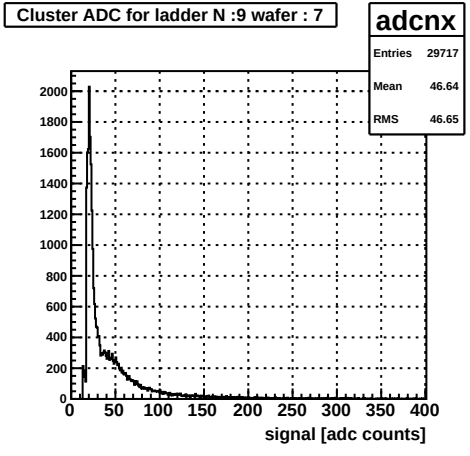

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 44755
Mean 39.35
RMS 42.5
signal [adc counts]

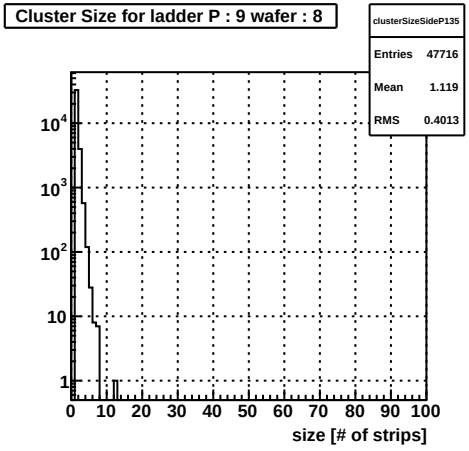

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 39820
Mean 1.142
RMS 0.4255
size [# of strips]

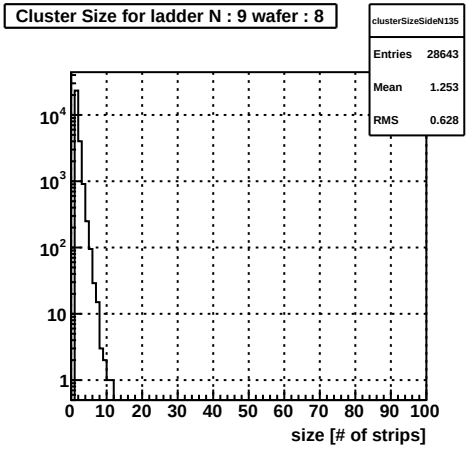

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 29717
Mean 1.231
RMS 0.562
size [# of strips]

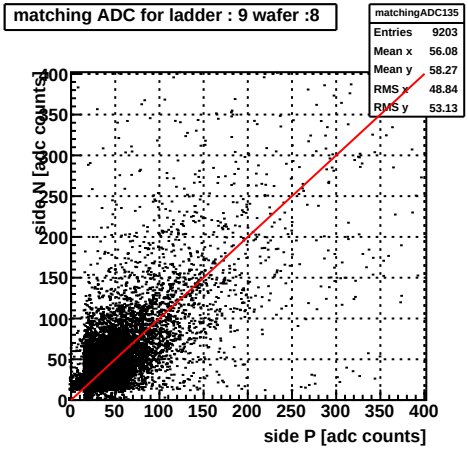

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 13171
Mean x 65.25
Mean y 57.48
RMS x 55.52
RMS y 50.42
side N [adc counts]
side P [adc counts]

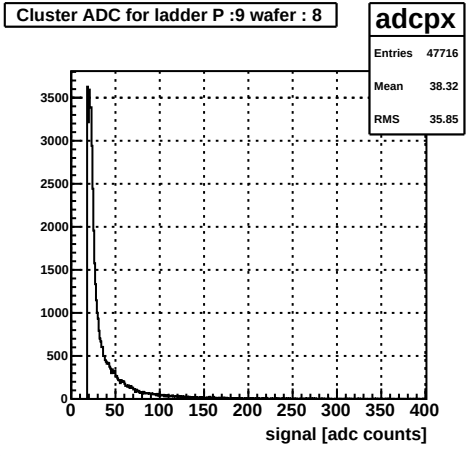

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 39820
Mean 42.06
RMS 42.17
signal [adc counts]

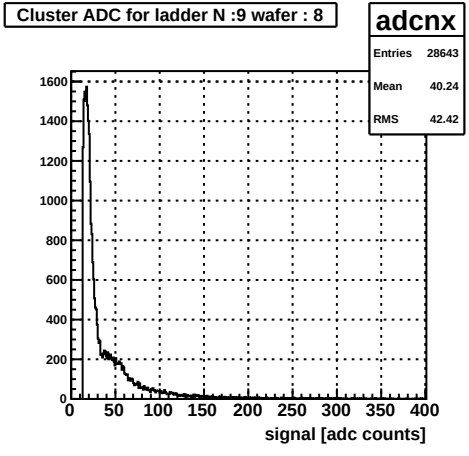

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 29717
Mean 46.64
RMS 46.65
signal [adc counts]

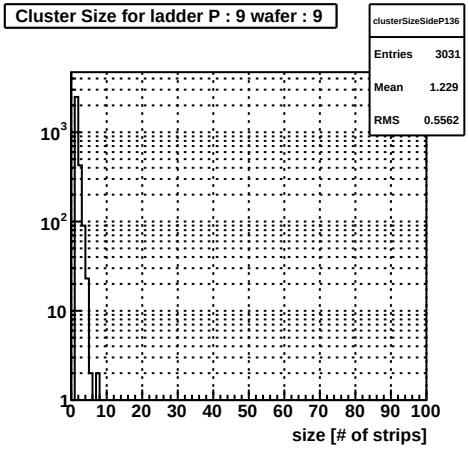

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 47716
Mean 1.119
RMS 0.4013
size [# of strips]

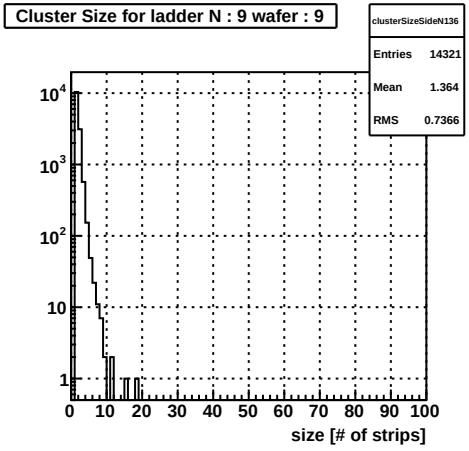

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 28643
Mean 1.253
RMS 0.628
size [# of strips]

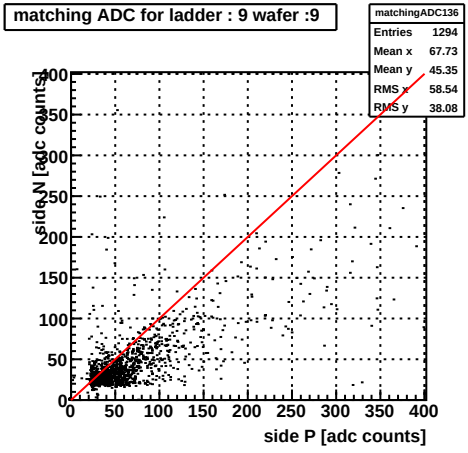

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 9203
Mean x 56.08
Mean y 58.27
RMS x 48.84
RMS y 53.13
side N [adc counts]
side P [adc counts]

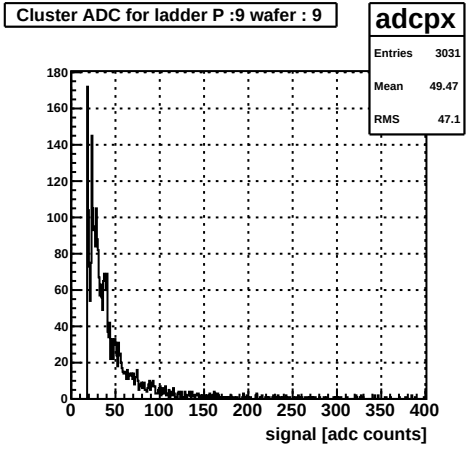

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 47716
Mean 38.32
RMS 35.85
signal [adc counts]

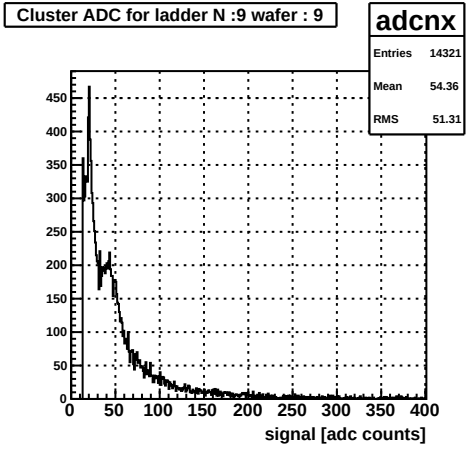

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 28643
Mean 40.24
RMS 42.42
signal [adc counts]

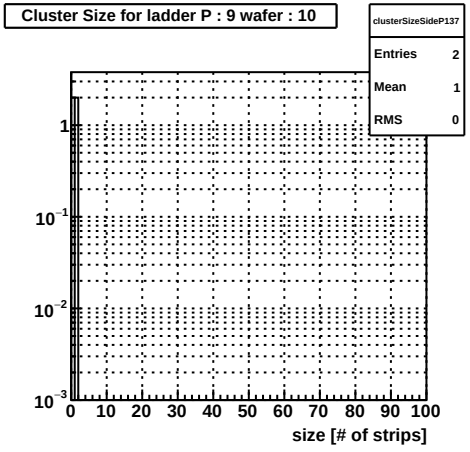

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 3031
Mean 1.229
RMS 0.5562
size [# of strips]

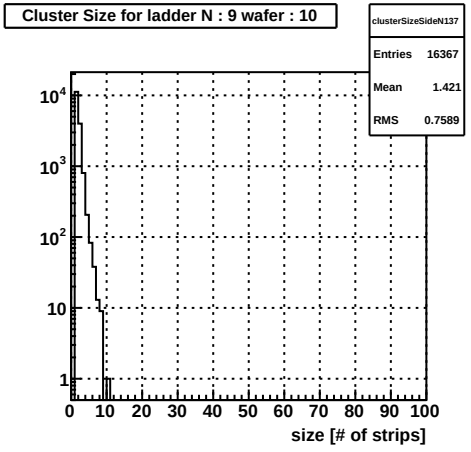

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 14321
Mean 1.364
RMS 0.7366
size [# of strips]

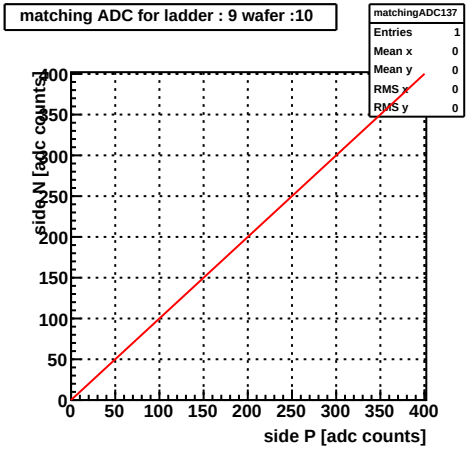

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1294
Mean x 67.73
Mean y 45.35
RMS x 58.54
RMS y 38.08
side N [adc counts]
side P [adc counts]

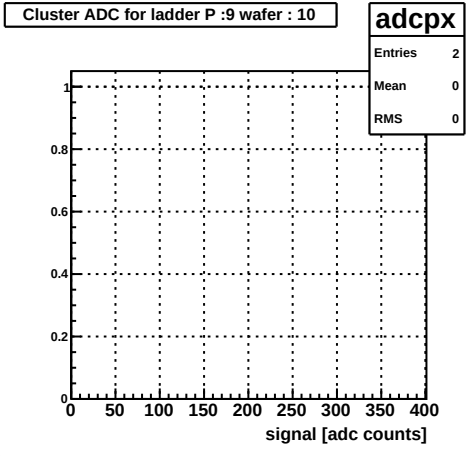

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 3031
Mean 49.47
RMS 47.1
signal [adc counts]

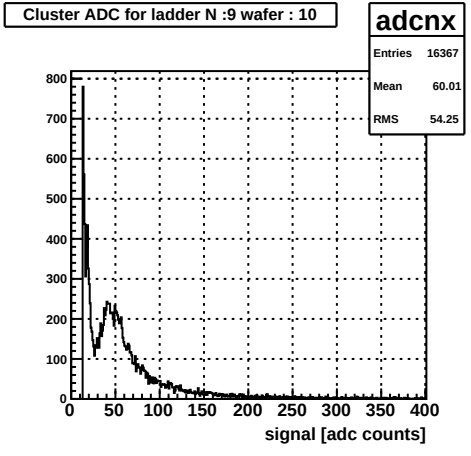

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 14321
Mean 54.36
RMS 51.31
signal [adc counts]

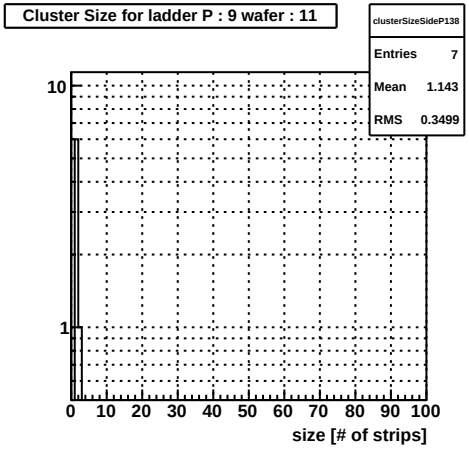

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

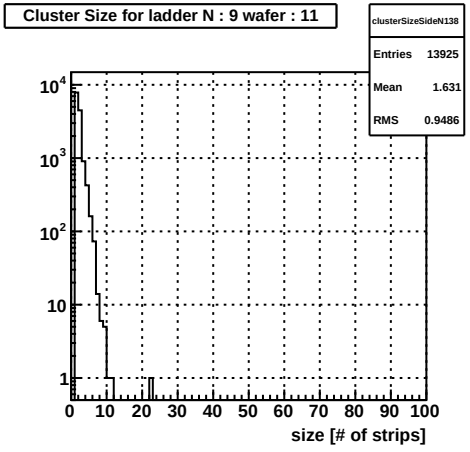

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 16367
Mean 1.421
RMS 0.7589
size [# of strips]

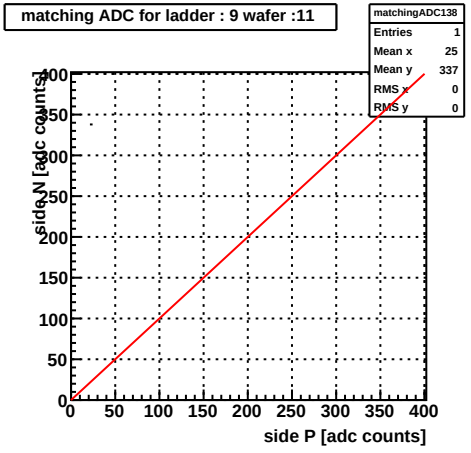

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

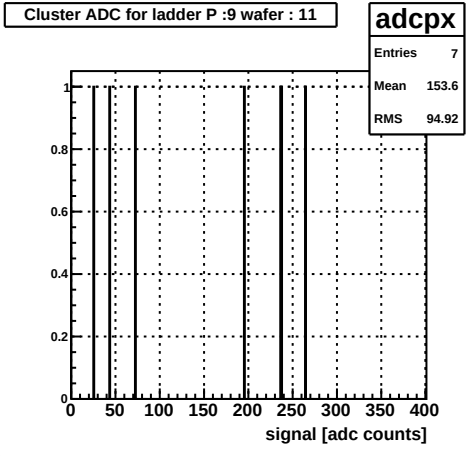

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

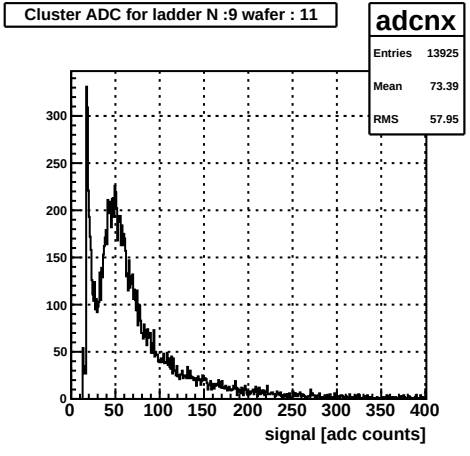

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 16367
Mean 60.01
RMS 54.25
signal [adc counts]

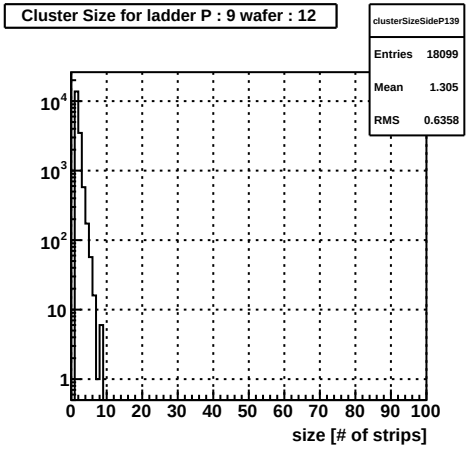

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

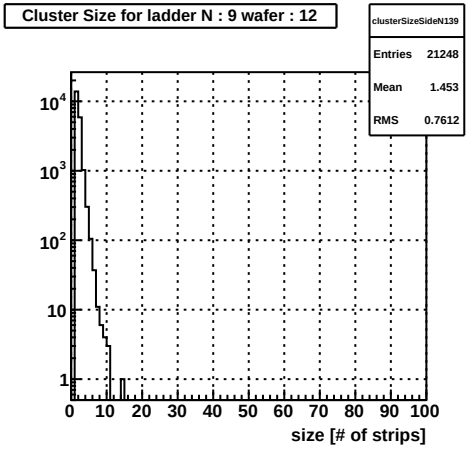

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 13925
Mean 1.631
RMS 0.9486
size [# of strips]

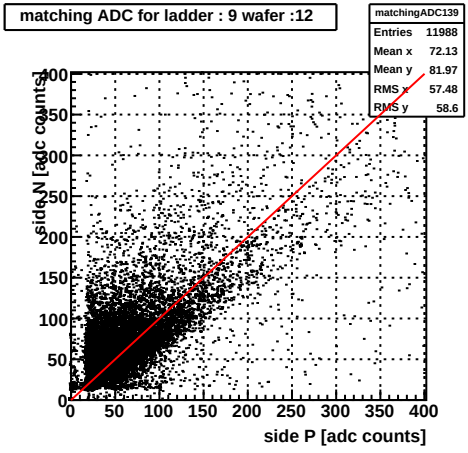

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 25
Mean y 337
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

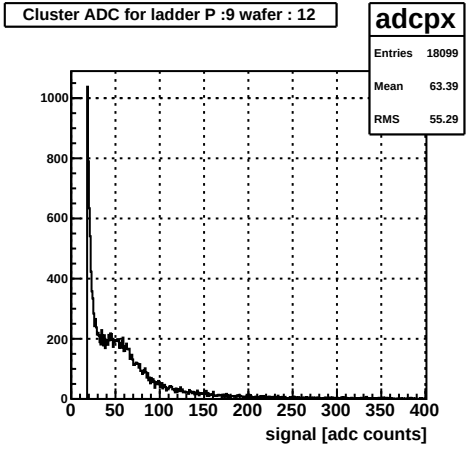

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 7
Mean 153.6
RMS 94.92
signal [adc counts]

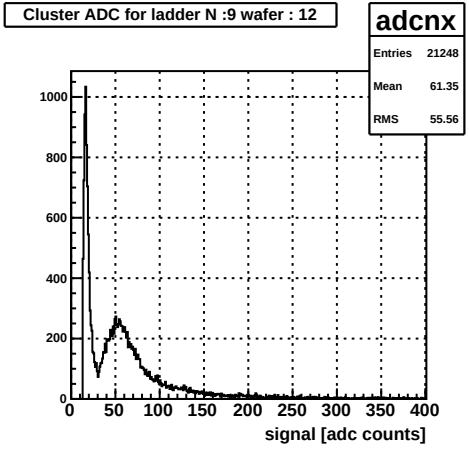

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 13925
Mean 73.39
RMS 57.95
signal [adc counts]

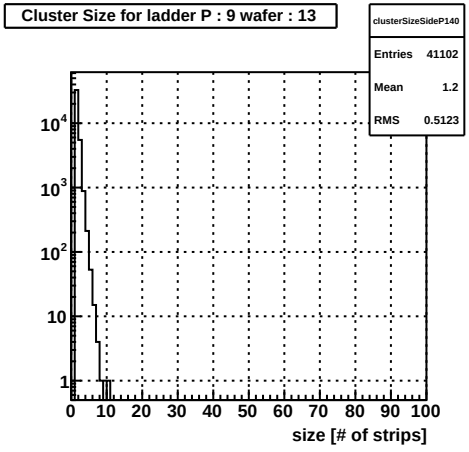

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 18099
Mean 1.305
RMS 0.6358
size [# of strips]

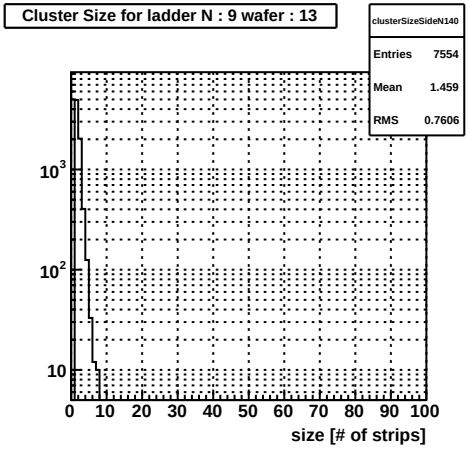

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 21248
Mean 1.453
RMS 0.7612
size [# of strips]

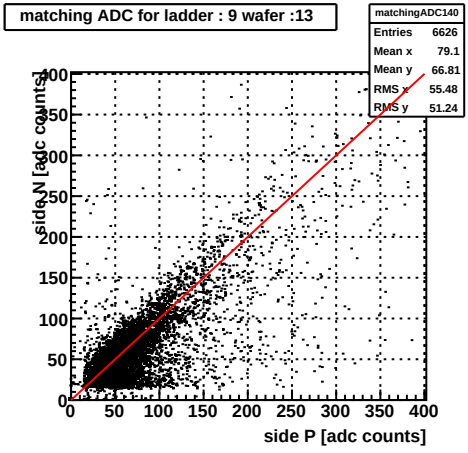

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 11988
Mean x 72.13
Mean y 81.97
RMS x 57.48
RMS y 58.6
side N [adc counts]
side P [adc counts]

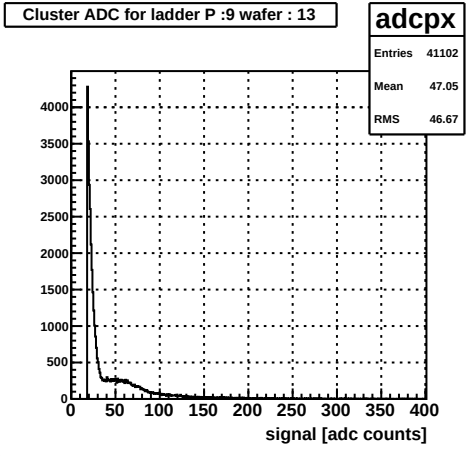

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 18099
Mean 63.39
RMS 55.29
signal [adc counts]

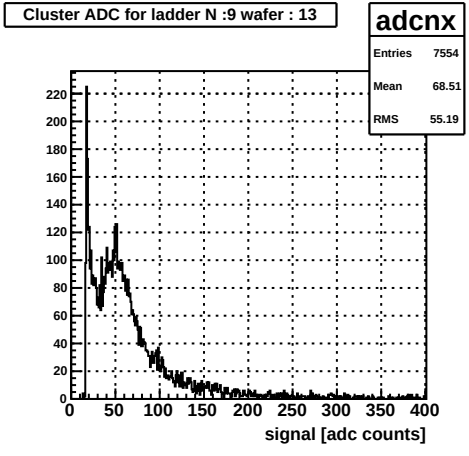

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 21248
Mean 61.35
RMS 55.56
signal [adc counts]

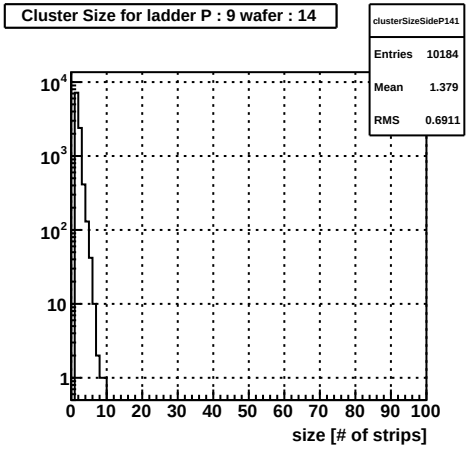

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 41102
Mean 1.2
RMS 0.5123
size [# of strips]

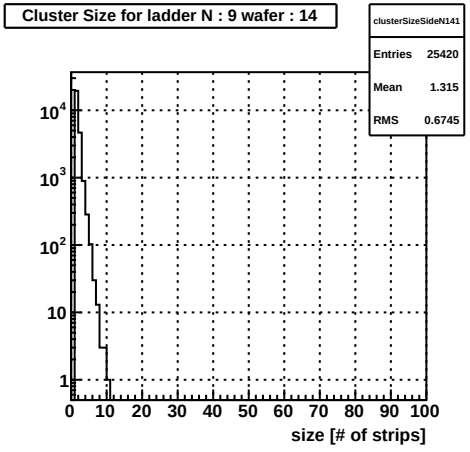

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 7554
Mean 1.459
RMS 0.7606
size [# of strips]

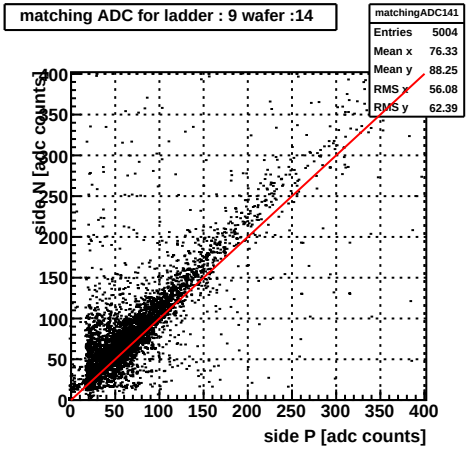

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 6626
Mean x 79.1
Mean y 66.81
RMS x 55.48
RMS y 51.24
side N [adc counts]
side P [adc counts]

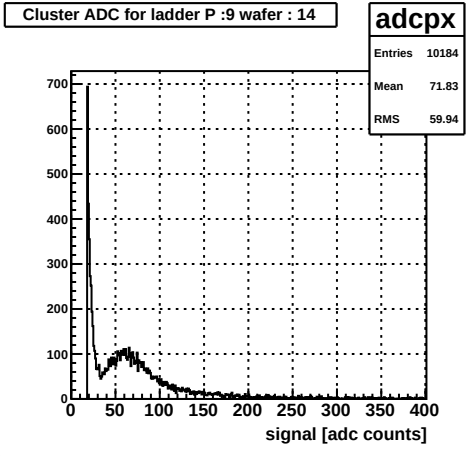

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 41102
Mean 47.05
RMS 46.67
signal [adc counts]

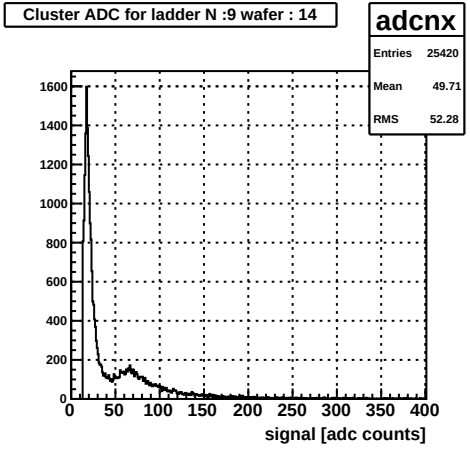

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 7554
Mean 68.51
RMS 55.19
signal [adc counts]

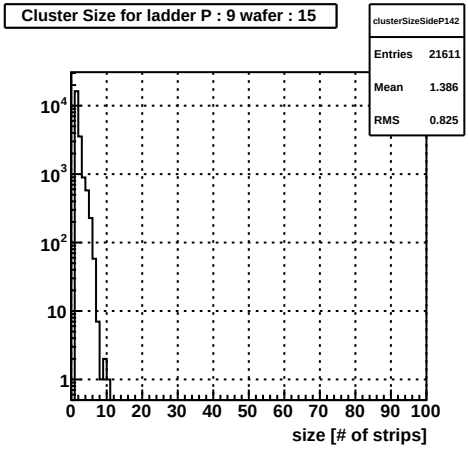

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 10184
Mean 1.379
RMS 0.6911
size [# of strips]

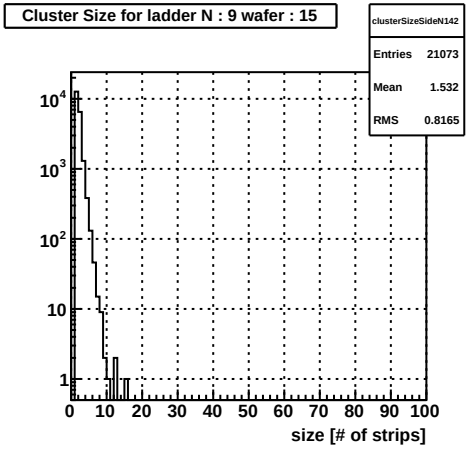

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 25420
Mean 1.315
RMS 0.6745
size [# of strips]

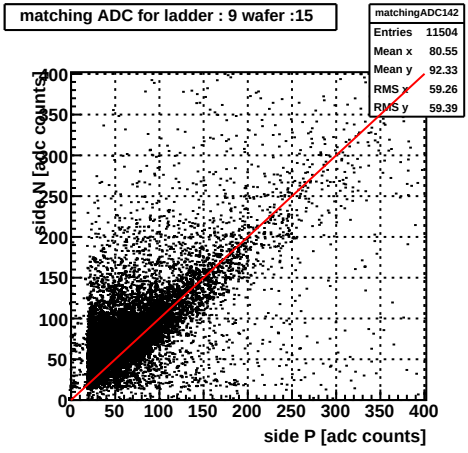

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 5004
Mean x 76.33
Mean y 88.25
RMS x 56.08
RMS y 62.39
side N [adc counts]
side P [adc counts]

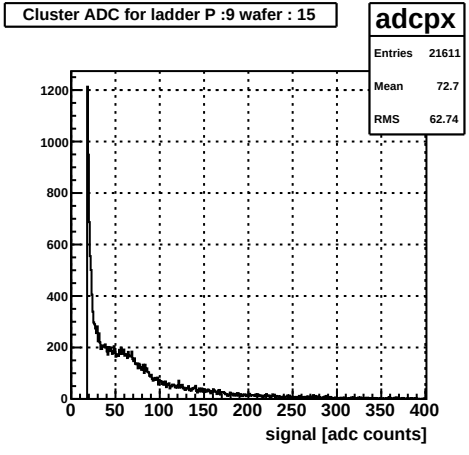

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 10184
Mean 71.83
RMS 59.94
signal [adc counts]

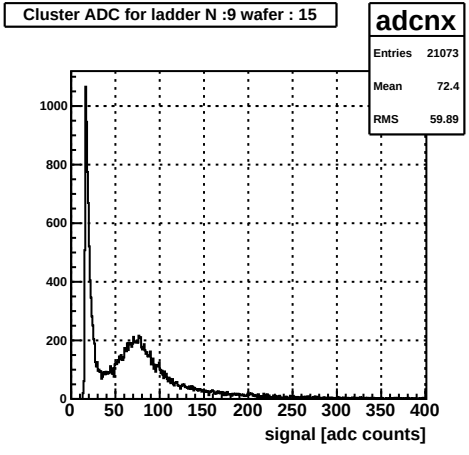

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 25420
Mean 49.71
RMS 52.28
signal [adc counts]

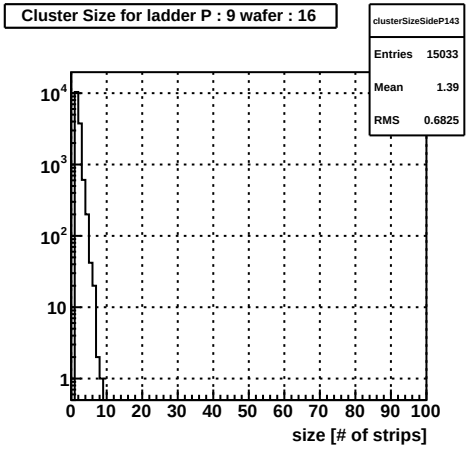

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 21611
Mean 1.386
RMS 0.825
size [# of strips]

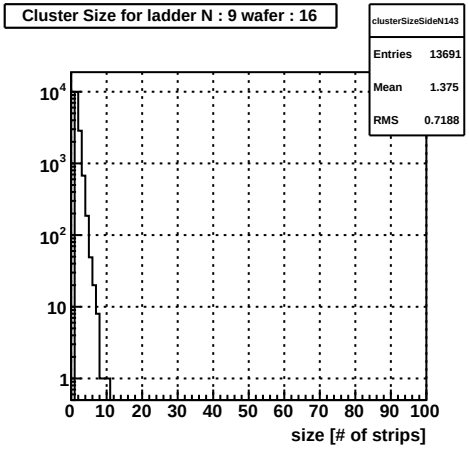

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 21073
Mean 1.532
RMS 0.8165
size [# of strips]

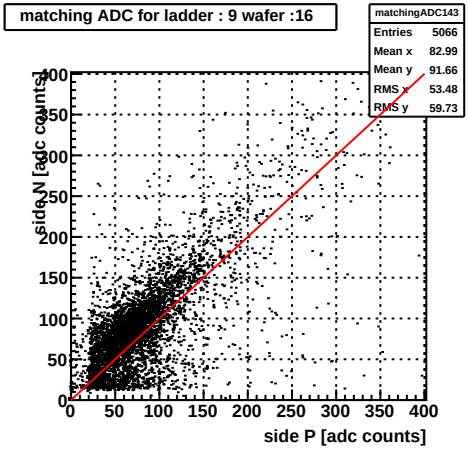

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 11504
Mean x 80.55
Mean y 92.33
RMS x 59.26
RMS y 59.39
side N [adc counts]
side P [adc counts]

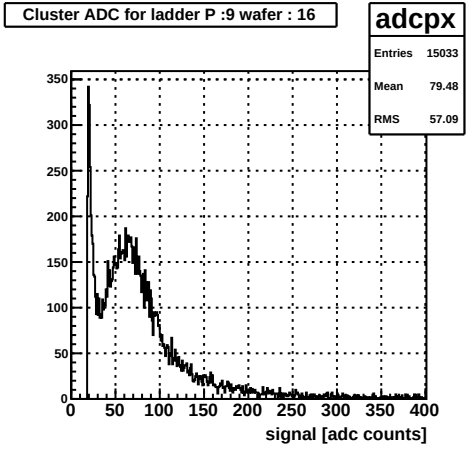

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 21611
Mean 72.7
RMS 62.74
signal [adc counts]

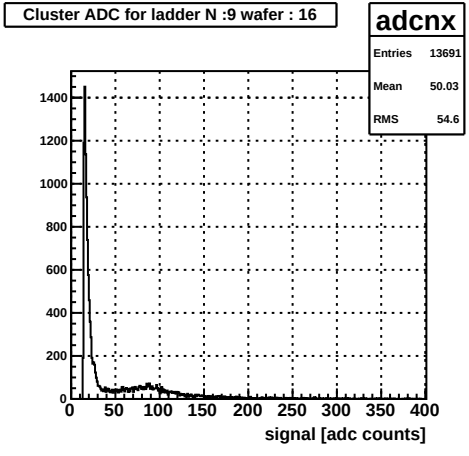

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 21073
Mean 72.4
RMS 59.89
signal [adc counts]

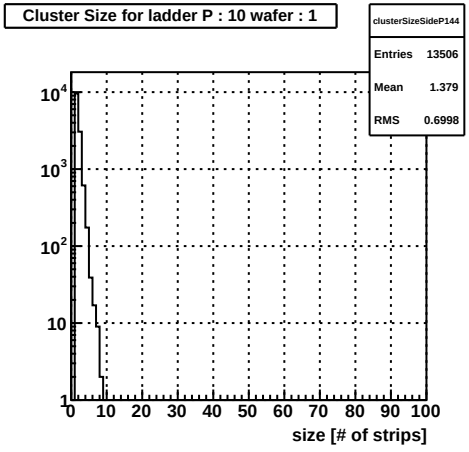

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 15033
Mean 1.39
RMS 0.6825
size [# of strips]

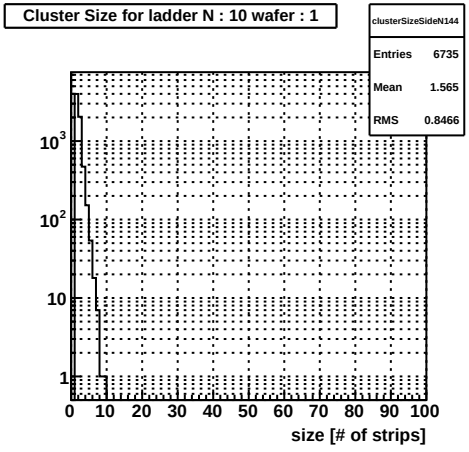

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 13691
Mean 1.375
RMS 0.7188
size [# of strips]

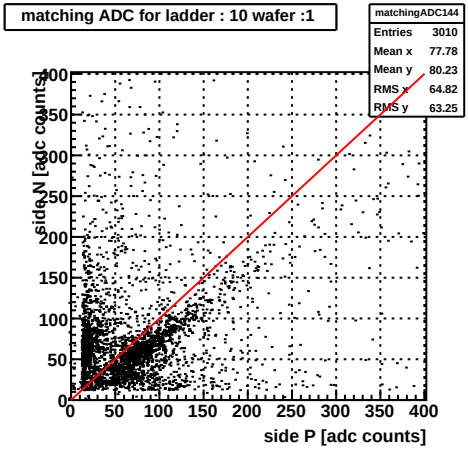

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 5066
Mean x 82.99
Mean y 91.66
RMS x 53.48
RMS y 59.73
side N [adc counts]
side P [adc counts]

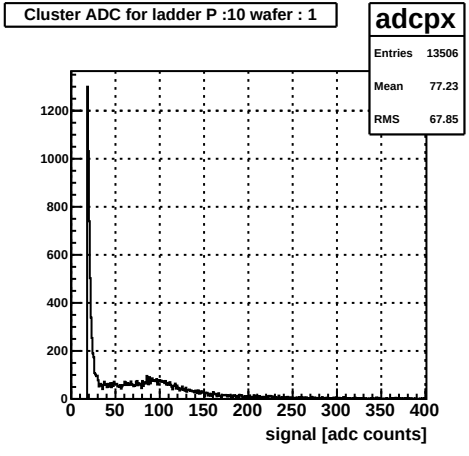

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 15033
Mean 79.48
RMS 57.09
signal [adc counts]

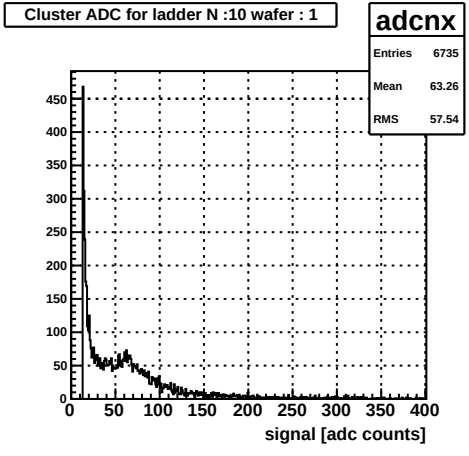

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 13691
Mean 50.03
RMS 54.6
signal [adc counts]

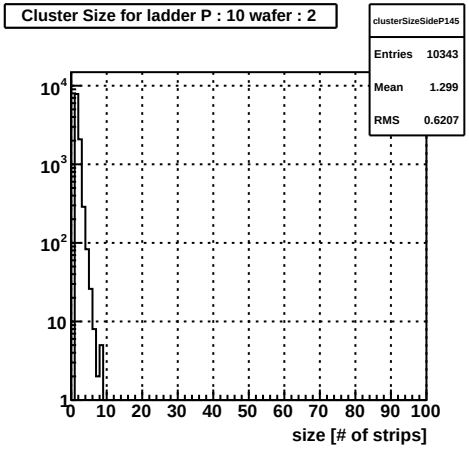

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 13506
Mean 1.379
RMS 0.6998
size [# of strips]

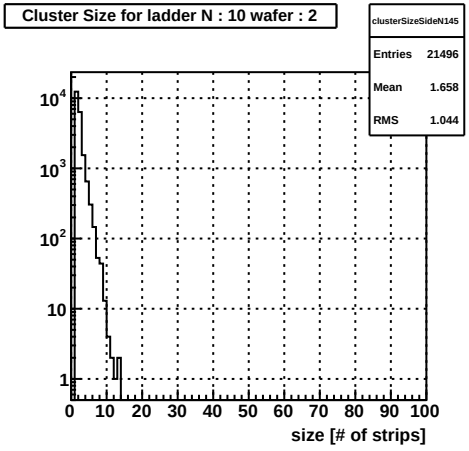

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 6735
Mean 1.565
RMS 0.8466
size [# of strips]

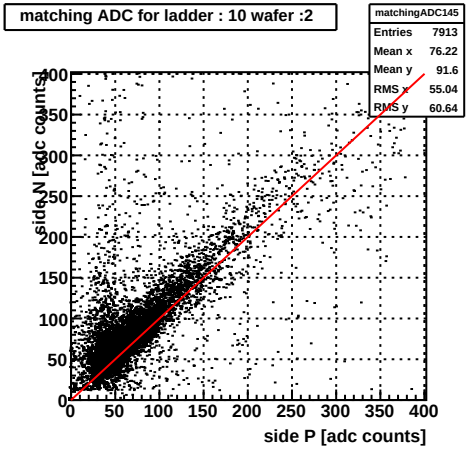

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 3010
Mean x 77.78
Mean y 80.23
RMS x 64.82
RMS y 63.25
side N [adc counts]
side P [adc counts]

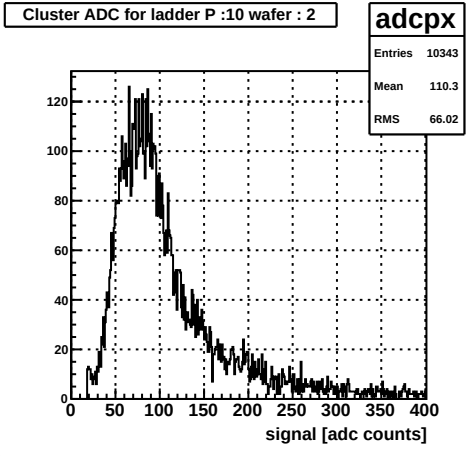

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 13506
Mean 77.23
RMS 67.85
signal [adc counts]

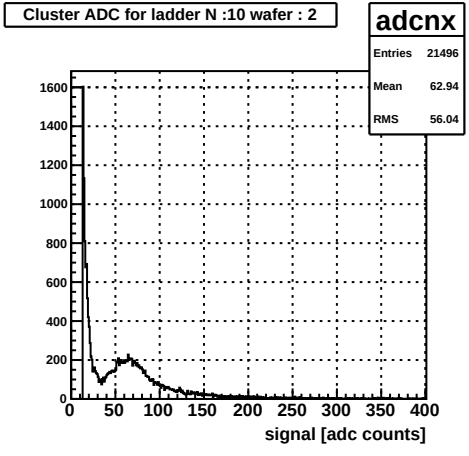

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 6735
Mean 63.26
RMS 57.54
signal [adc counts]

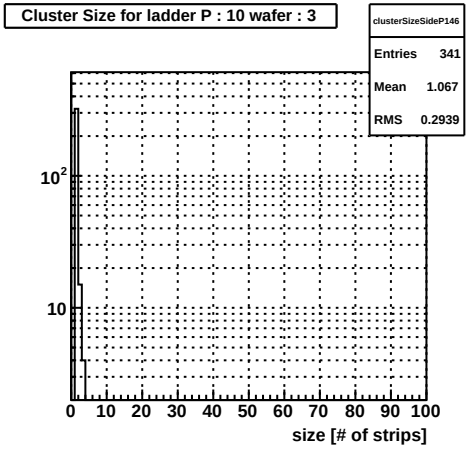

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 10343
Mean 1.299
RMS 0.6207
size [# of strips]

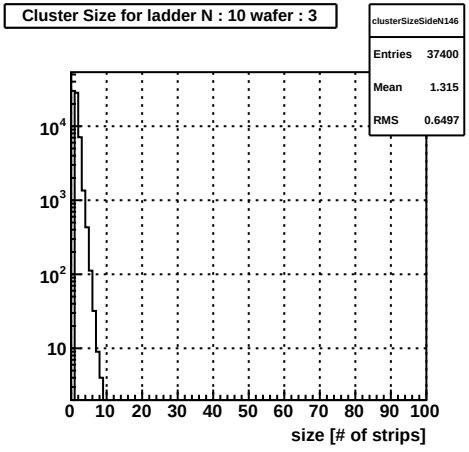

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 21496
Mean 1.658
RMS 1.044
size [# of strips]

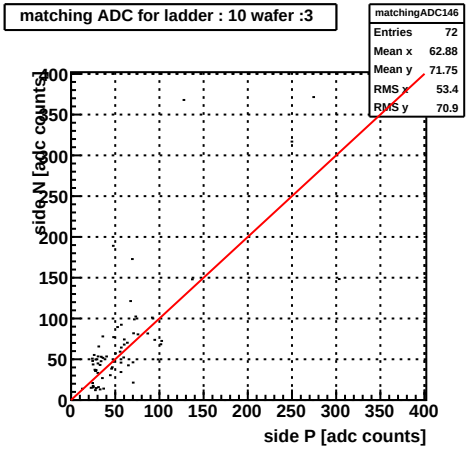

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 7913
Mean x 76.22
Mean y 91.6
RMS x 55.04
RMS y 60.64
side N [adc counts]
side P [adc counts]

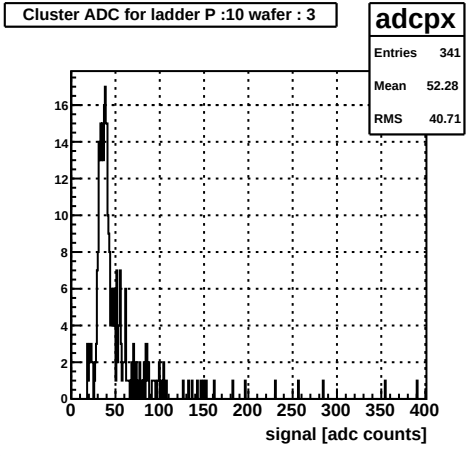

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 10343
Mean 110.3
RMS 66.02
signal [adc counts]

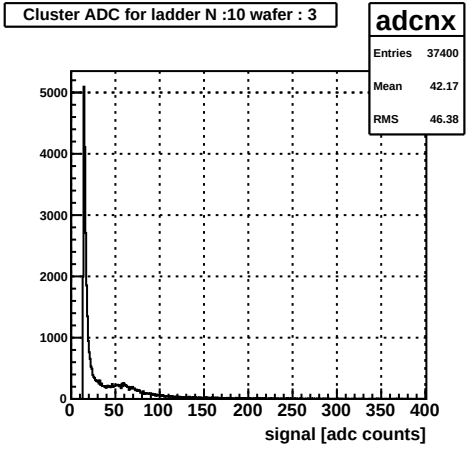

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 21496
Mean 62.94
RMS 56.04
signal [adc counts]

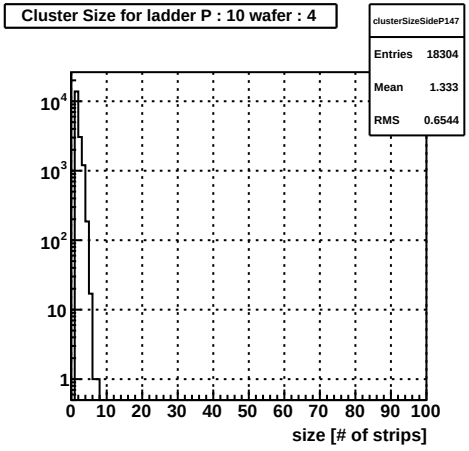

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 341
Mean 1.067
RMS 0.2939
size [# of strips]

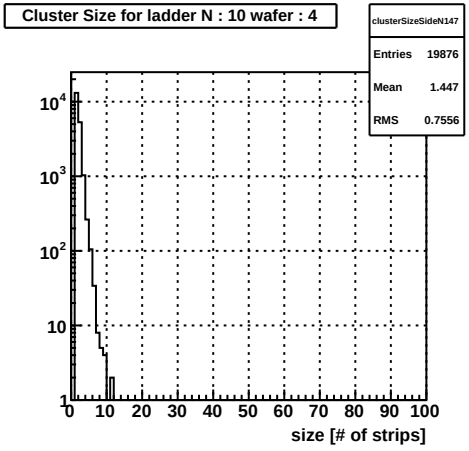

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 37400
Mean 1.315
RMS 0.6497
size [# of strips]

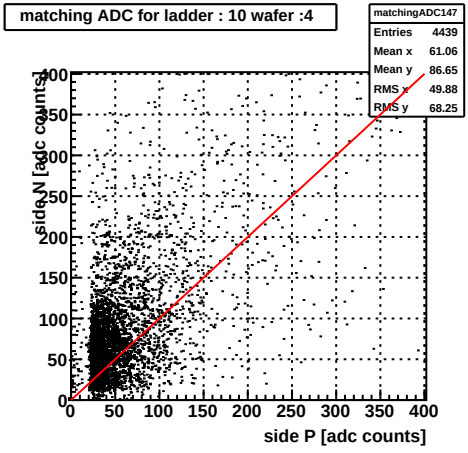

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 72
Mean x 62.88
Mean y 71.75
RMS x 53.4
RMS y 70.9
side N [adc counts]
side P [adc counts]

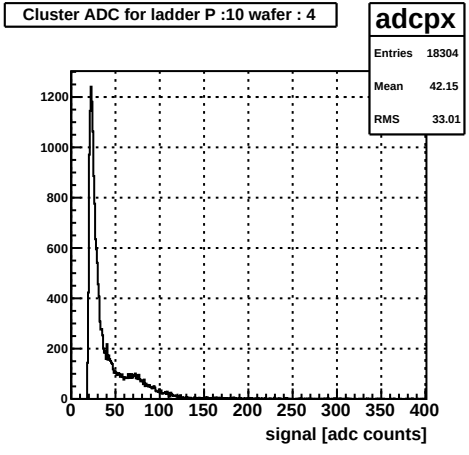

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 341
Mean 52.28
RMS 40.71
signal [adc counts]

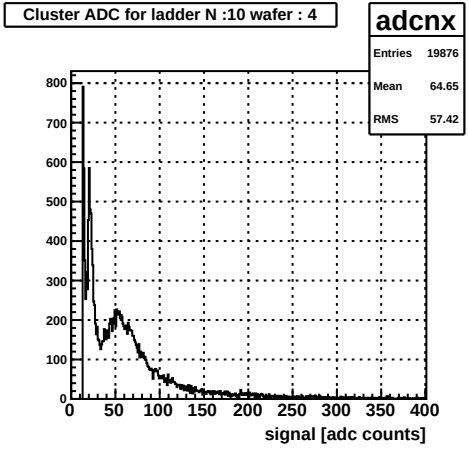

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 37400
Mean 42.17
RMS 46.38
signal [adc counts]

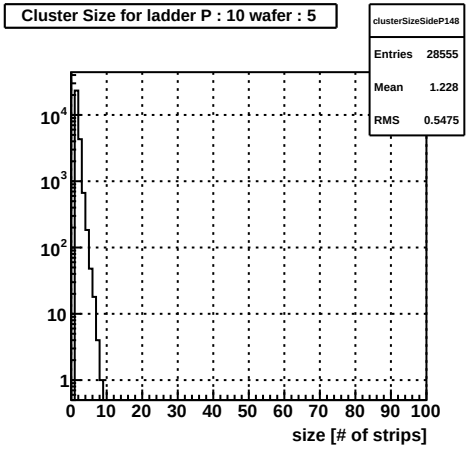

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18304
Mean 1.333
RMS 0.6544
size [# of strips]

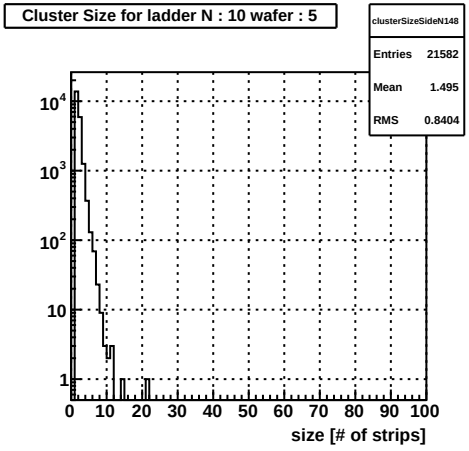

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19876
Mean 1.447
RMS 0.7556
size [# of strips]

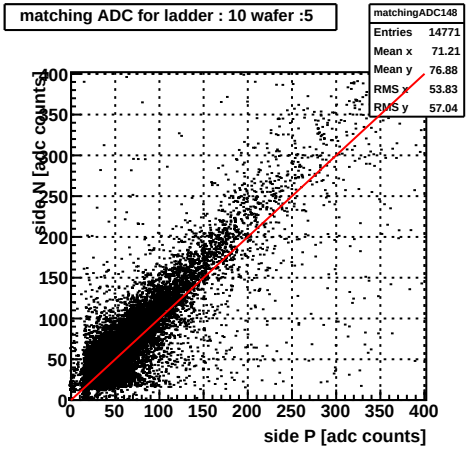

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4439
Mean x 61.06
Mean y 86.65
RMS x 49.88
RMS y 68.25
side N [adc counts]
side P [adc counts]

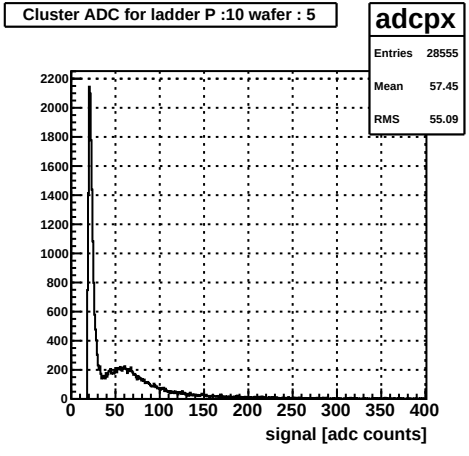

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18304
Mean 42.15
RMS 33.01
signal [adc counts]

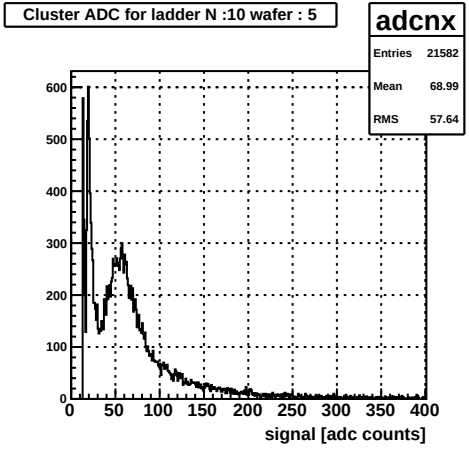

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19876
Mean 64.65
RMS 57.42
signal [adc counts]

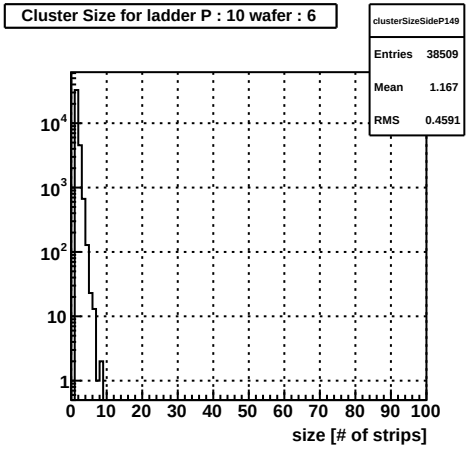

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 28555
Mean 1.228
RMS 0.5475
size [# of strips]

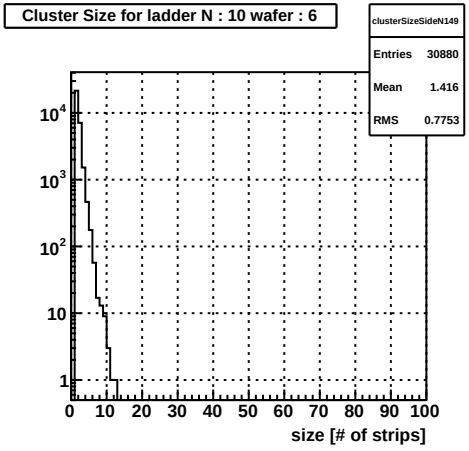

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 21582
Mean 1.495
RMS 0.8404
size [# of strips]

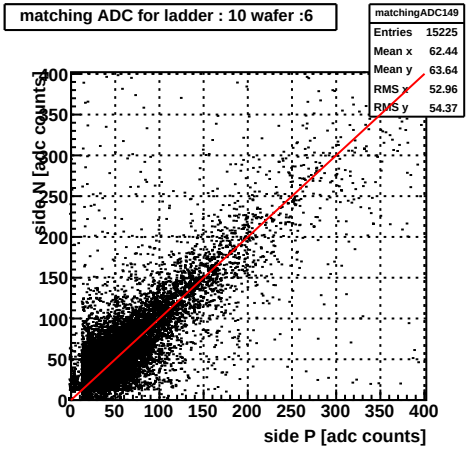

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 14771
Mean x 71.21
Mean y 76.88
RMS x 53.83
RMS y 57.04
side N [adc counts]
side P [adc counts]

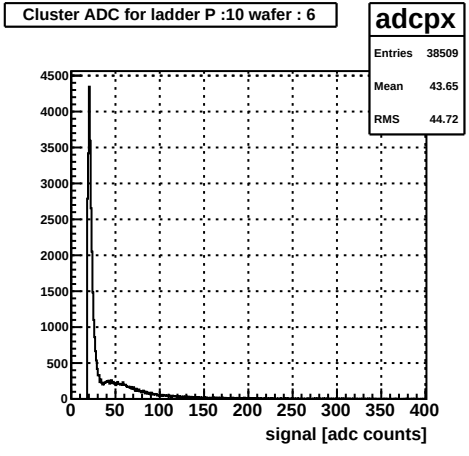

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 28555
Mean 57.45
RMS 55.09
signal [adc counts]

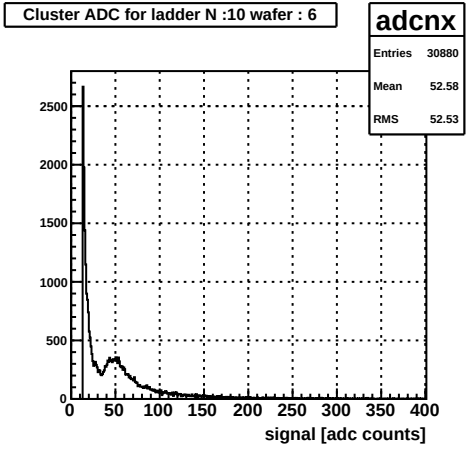

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 21582
Mean 68.99
RMS 57.64
signal [adc counts]

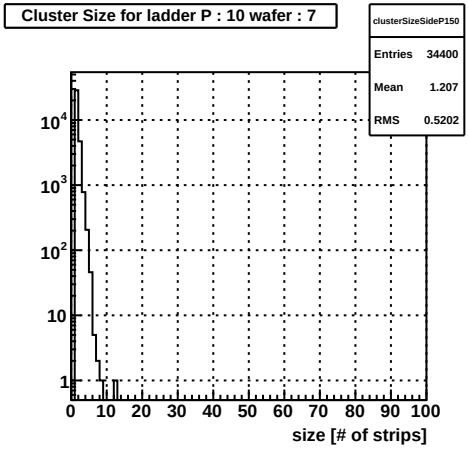

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 38509
Mean 1.167
RMS 0.4591
size [# of strips]

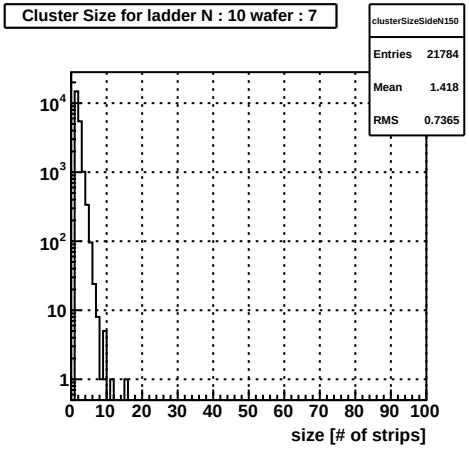

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 30880
Mean 1.416
RMS 0.7753
size [# of strips]

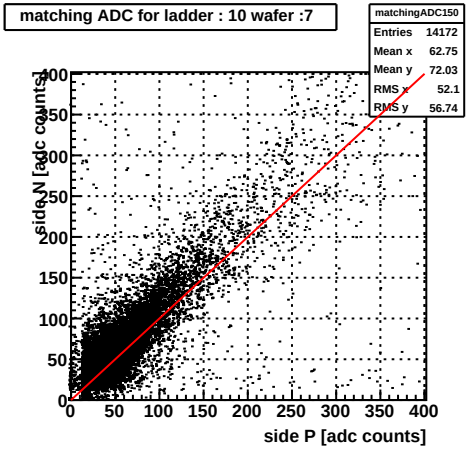

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 15225
Mean x 62.44
Mean y 63.64
RMS x 52.96
RMS y 54.37
side N [adc counts]
side P [adc counts]

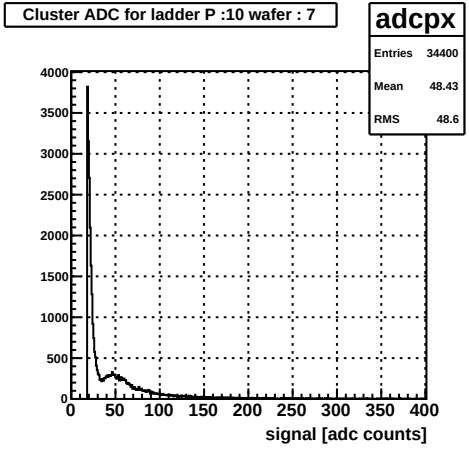

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 38509
Mean 43.65
RMS 44.72
signal [adc counts]

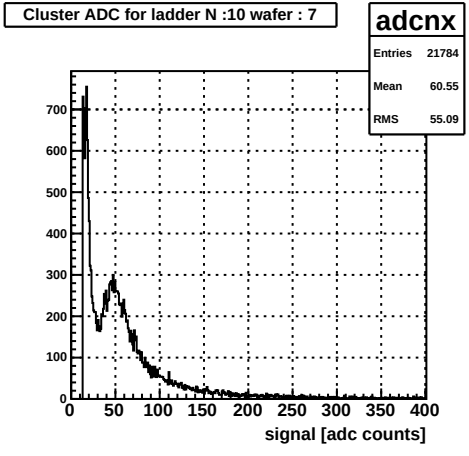

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 30880
Mean 52.58
RMS 52.53
signal [adc counts]

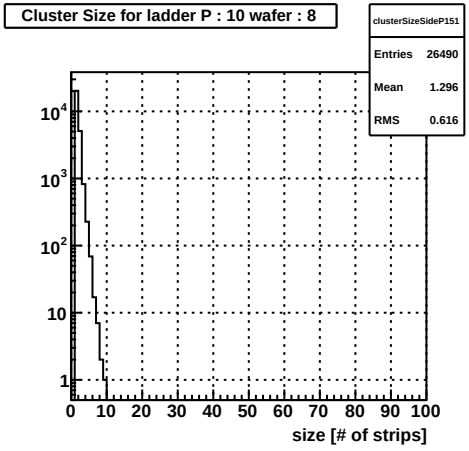

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 34400
Mean 1.207
RMS 0.5202
size [# of strips]

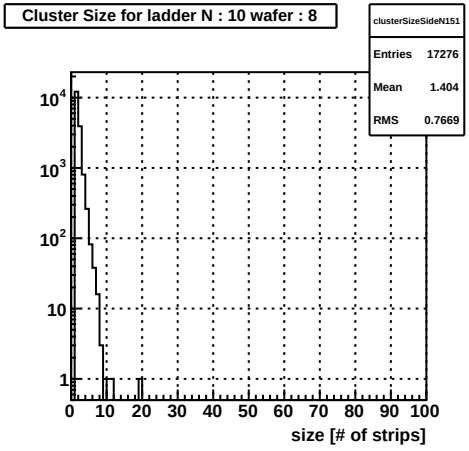

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 21784
Mean 1.418
RMS 0.7365
size [# of strips]

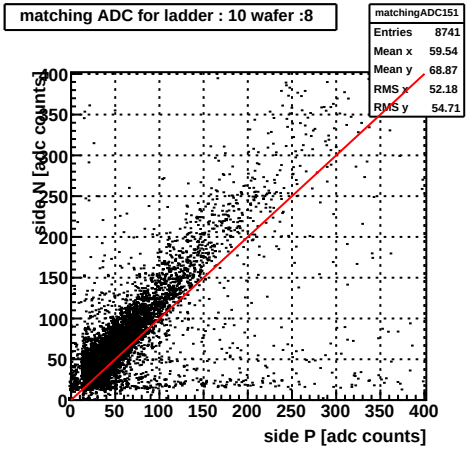

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 14172
Mean x 62.75
Mean y 72.03
RMS x 52.1
RMS y 56.74
side N [adc counts]
side P [adc counts]

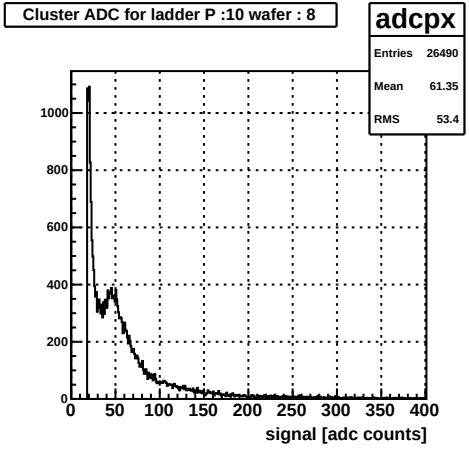

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 34400
Mean 48.43
RMS 48.6
signal [adc counts]

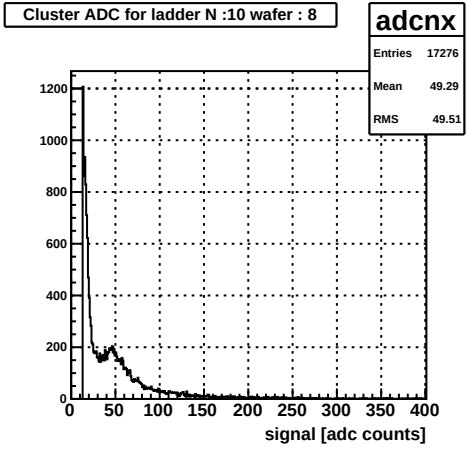

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 21784
Mean 60.55
RMS 55.09
signal [adc counts]

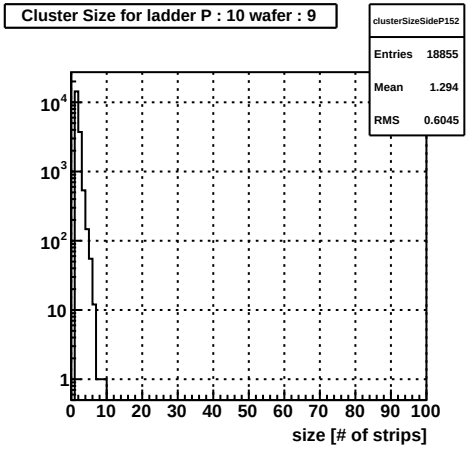

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 26490
Mean 1.296
RMS 0.616
size [# of strips]

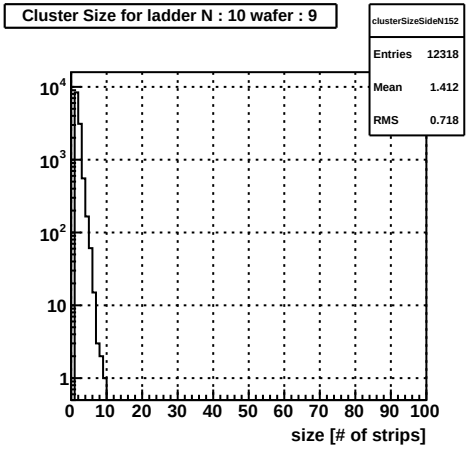

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 17276
Mean 1.404
RMS 0.7669
size [# of strips]

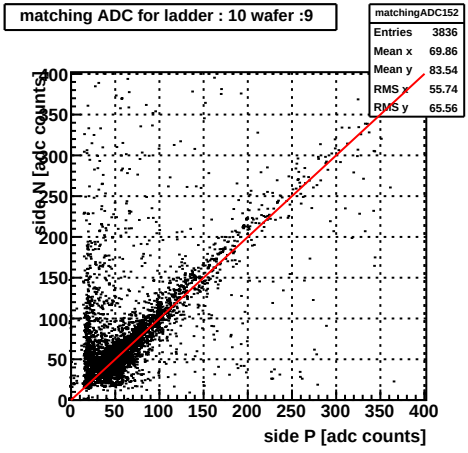

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 8741
Mean x 59.54
Mean y 68.87
RMS x 52.18
RMS y 54.71
side N [adc counts]
side P [adc counts]

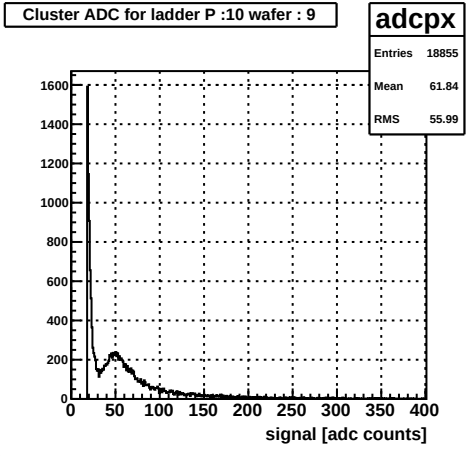

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 26490
Mean 61.35
RMS 53.4
signal [adc counts]

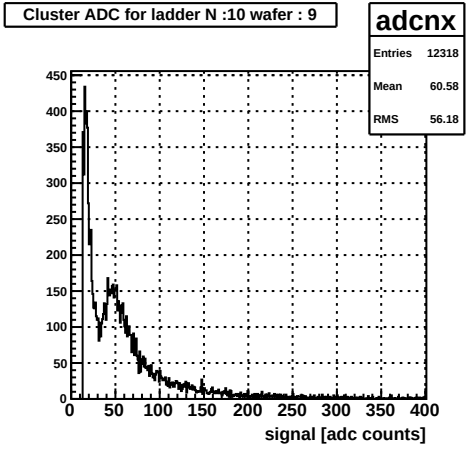

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 17276
Mean 49.29
RMS 49.51
signal [adc counts]

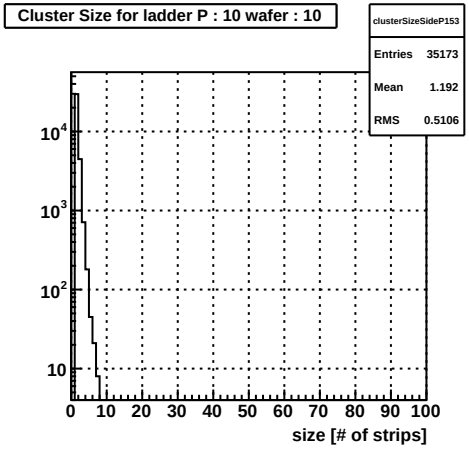

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 18855
Mean 1.294
RMS 0.6045
size [# of strips]

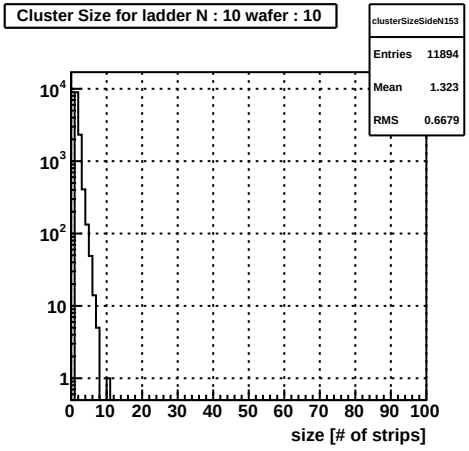

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 12318
Mean 1.412
RMS 0.718
size [# of strips]

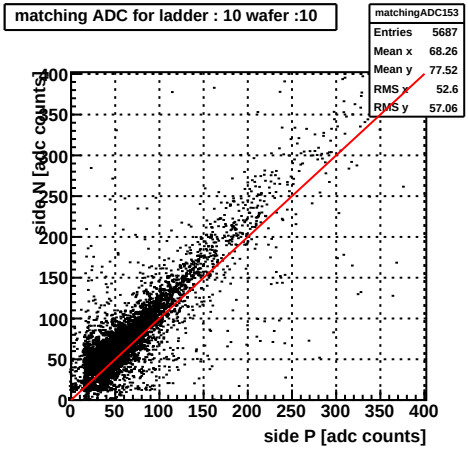

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3836
Mean x 69.86
Mean y 83.54
RMS x 55.74
RMS y 65.56
side N [adc counts]
side P [adc counts]

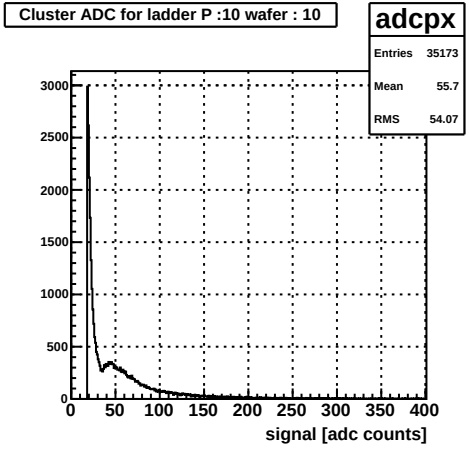

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 18855
Mean 61.84
RMS 55.99
signal [adc counts]

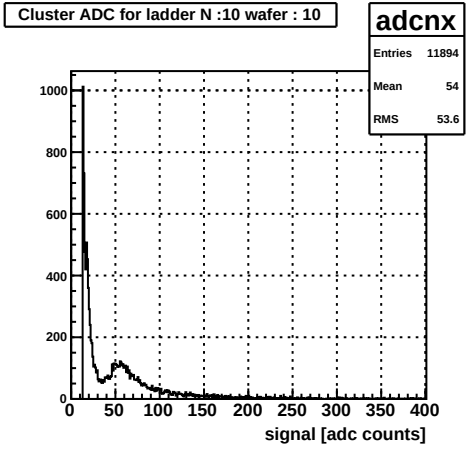

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 12318
Mean 60.58
RMS 56.18
signal [adc counts]

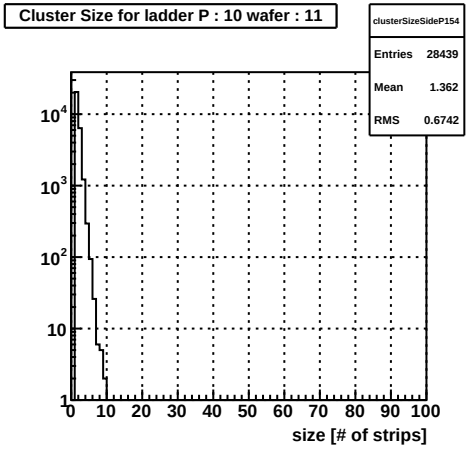

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 35173
Mean 1.192
RMS 0.5106
size [# of strips]

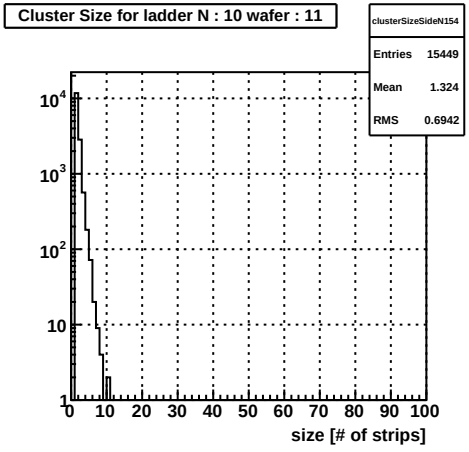

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 11894
Mean 1.323
RMS 0.6679
size [# of strips]

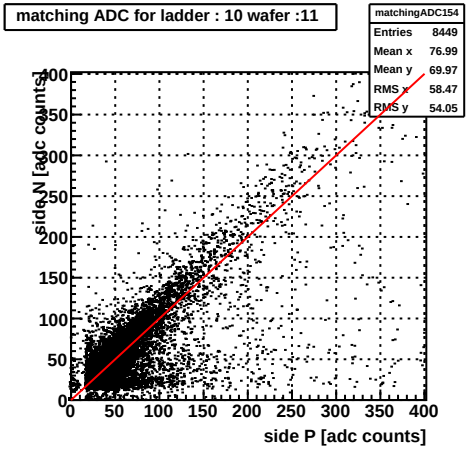

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 5687
Mean x 68.26
Mean y 77.52
RMS x 52.6
RMS y 57.06
side N [adc counts]
side P [adc counts]

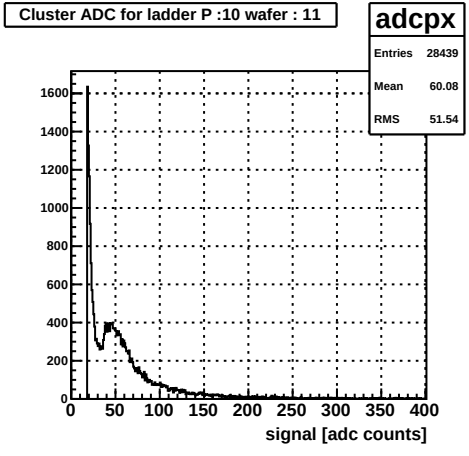

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 35173
Mean 55.7
RMS 54.07
signal [adc counts]

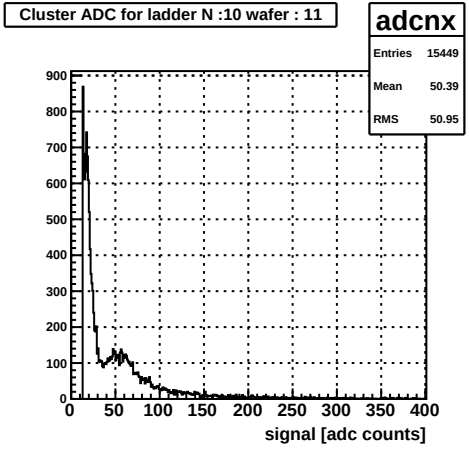

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 11894
Mean 54
RMS 53.6
signal [adc counts]

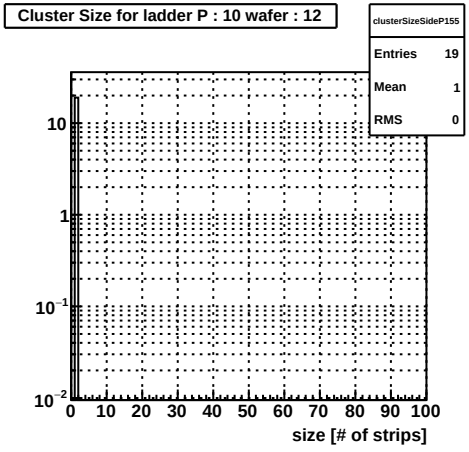

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 28439
Mean 1.362
RMS 0.6742
size [# of strips]

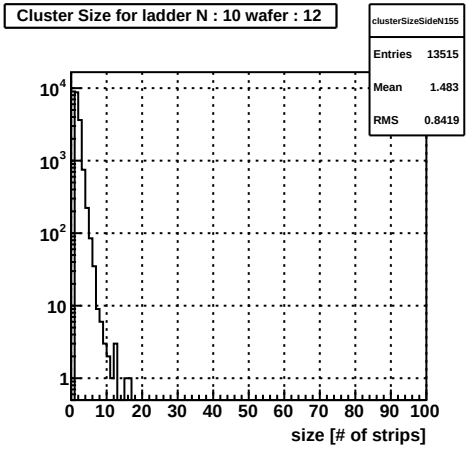

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 15449
Mean 1.324
RMS 0.6942
size [# of strips]

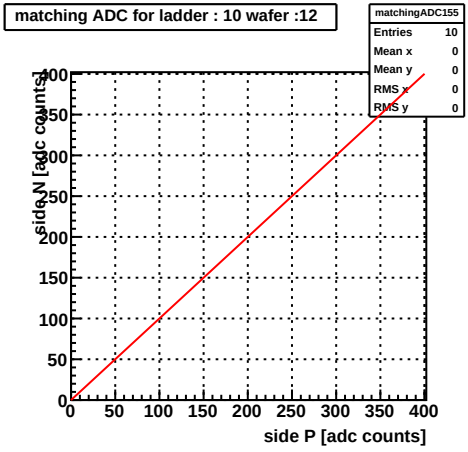

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 8449
Mean x 76.99
Mean y 69.97
RMS x 58.47
RMS y 54.05
side N [adc counts]
side P [adc counts]

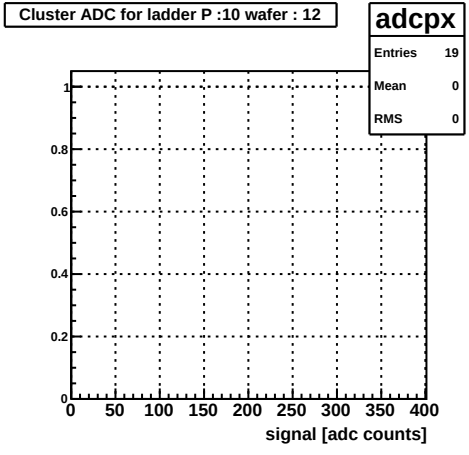

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 28439
Mean 60.08
RMS 51.54
signal [adc counts]

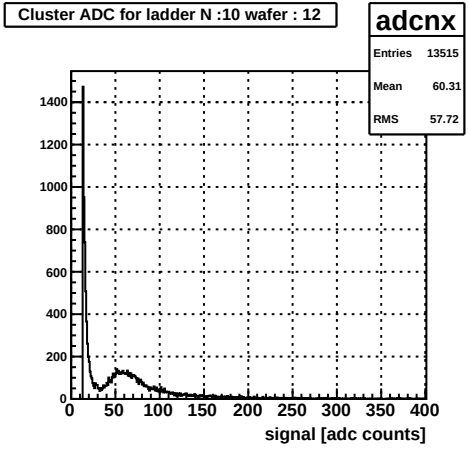

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 15449
Mean 50.39
RMS 50.95
signal [adc counts]

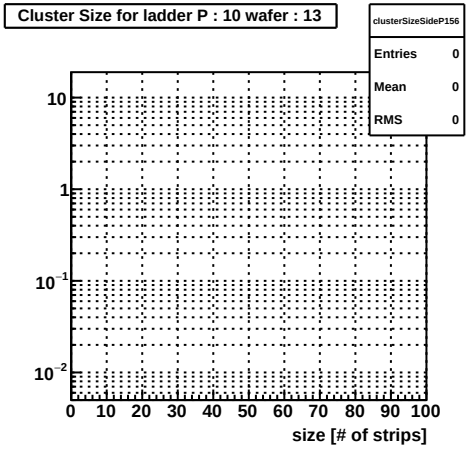

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 19
Mean 1
RMS 0
size [# of strips]

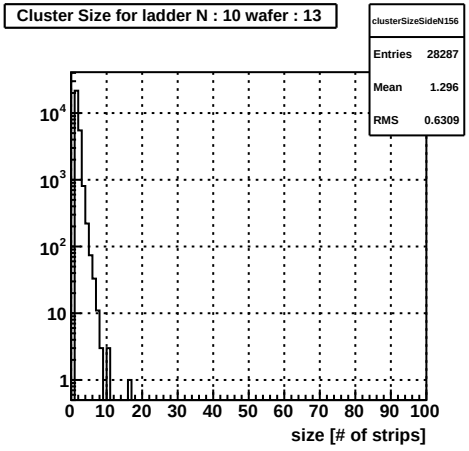

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 13515
Mean 1.483
RMS 0.8419
size [# of strips]

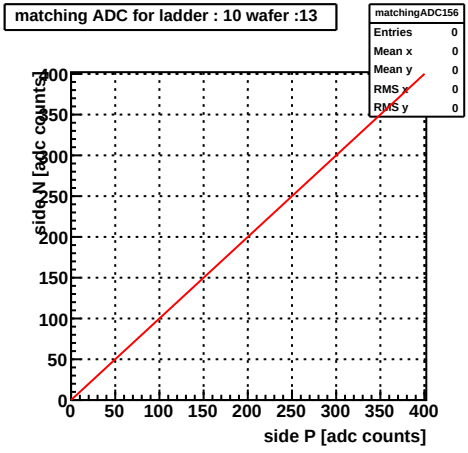

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 10
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

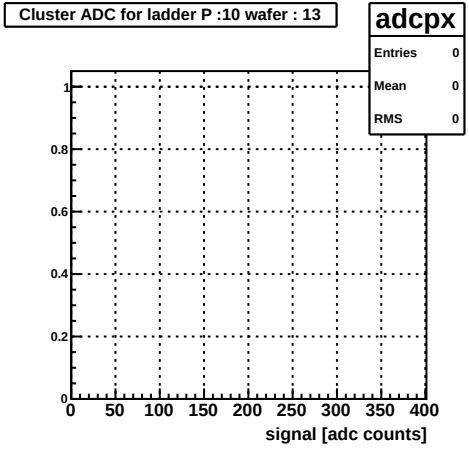

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

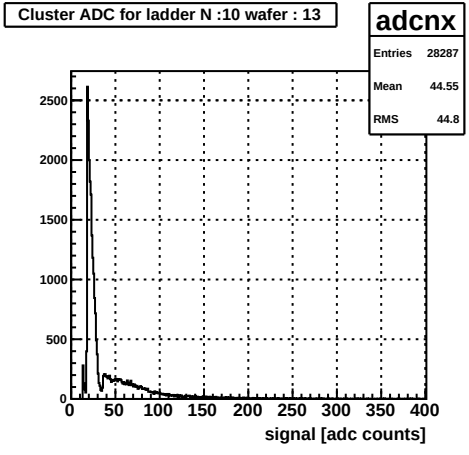

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 13515
Mean 60.31
RMS 57.72
signal [adc counts]

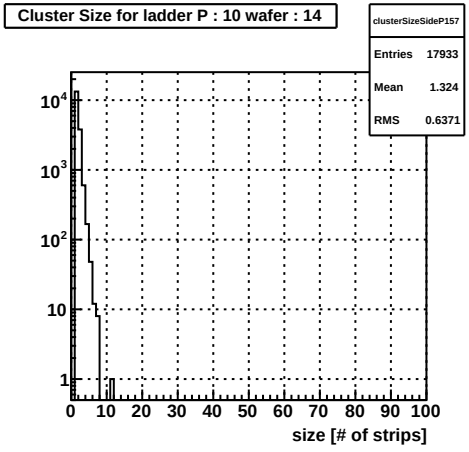

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

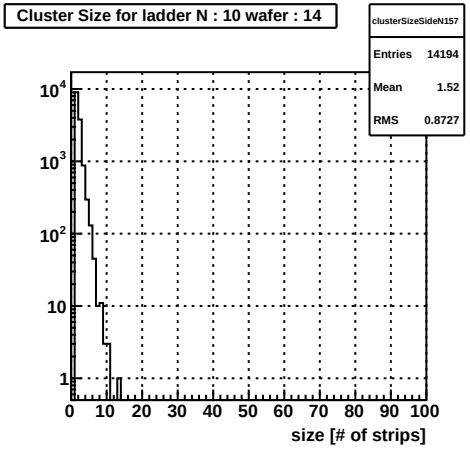

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 28287
Mean 1.296
RMS 0.6309
size [# of strips]

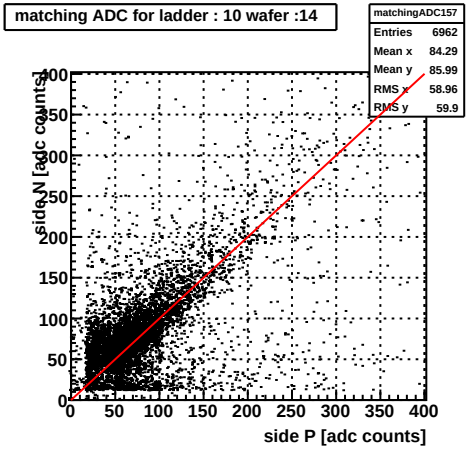

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

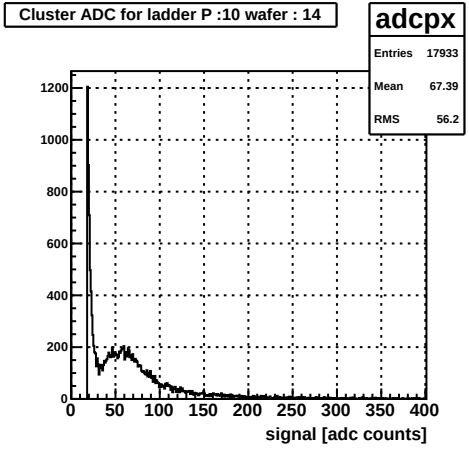

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

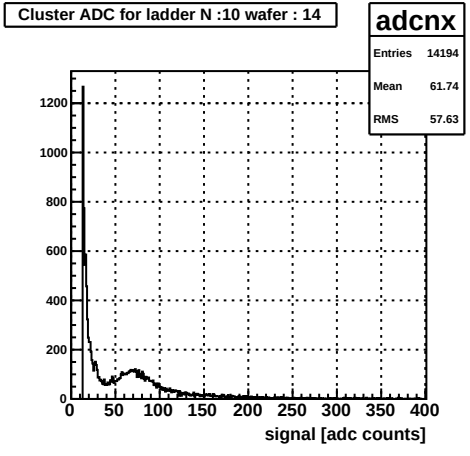

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 28287
Mean 44.55
RMS 44.8
signal [adc counts]

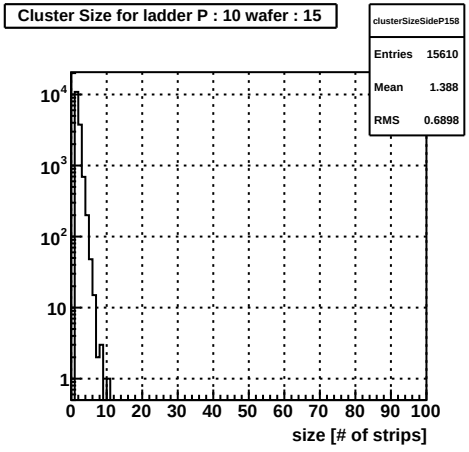

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 17933
Mean 1.324
RMS 0.6371
size [# of strips]

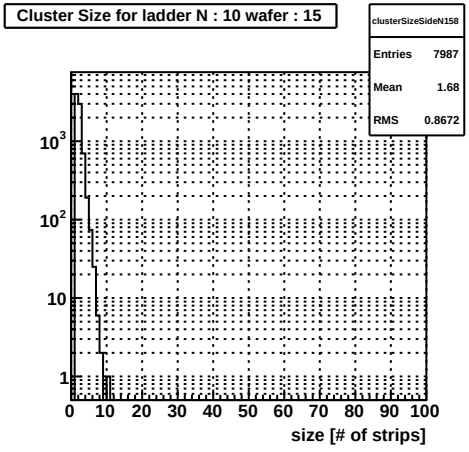

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 14194
Mean 1.52
RMS 0.8727
size [# of strips]

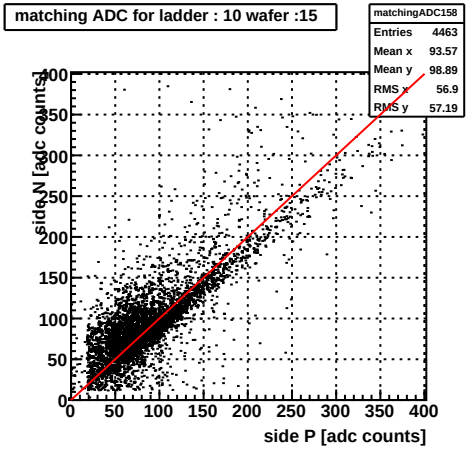

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 6962
Mean x 84.29
Mean y 85.99
RMS x 58.96
RMS y 59.9
side N [adc counts]
side P [adc counts]

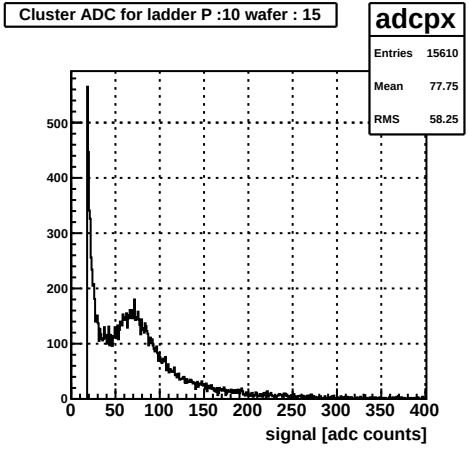

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 17933
Mean 67.39
RMS 56.2
signal [adc counts]

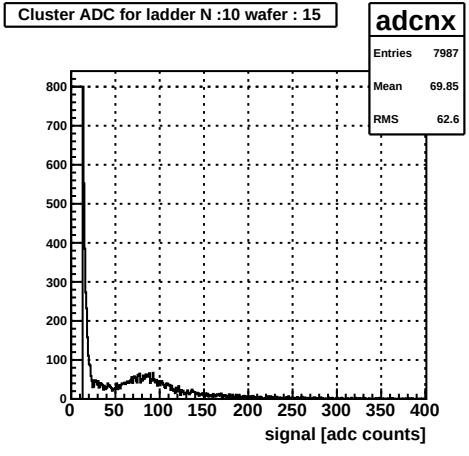

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 14194
Mean 61.74
RMS 57.63
signal [adc counts]

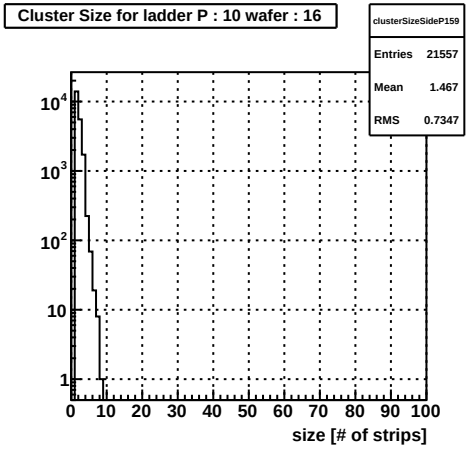

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 15610
Mean 1.388
RMS 0.6898
size [# of strips]

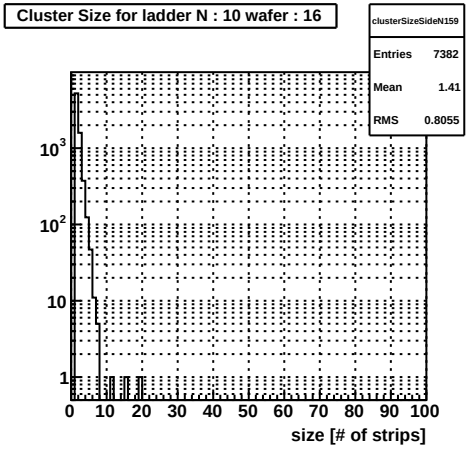

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7987
Mean 1.68
RMS 0.8672
size [# of strips]

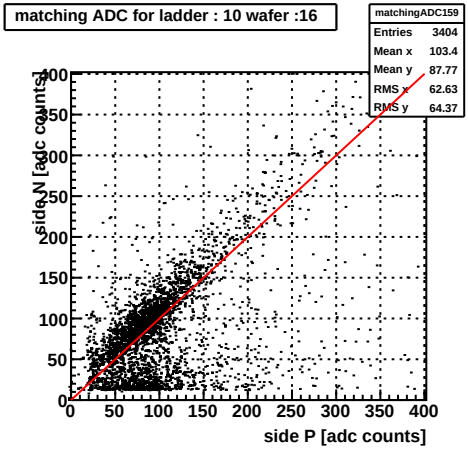

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 4463
Mean x 93.57
Mean y 98.89
RMS x 56.9
RMS y 57.19
side N [adc counts]
side P [adc counts]

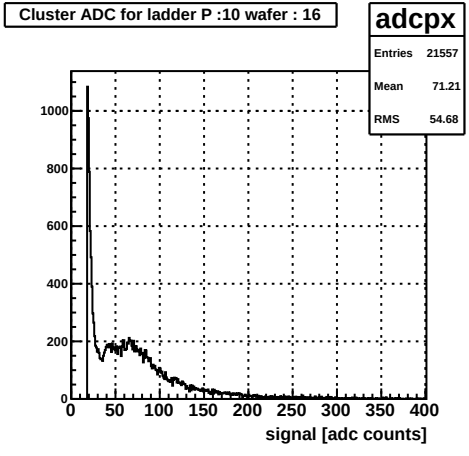

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 15610
Mean 77.75
RMS 58.25
signal [adc counts]

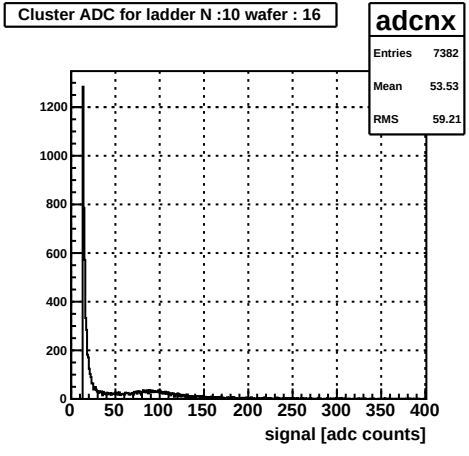

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7987
Mean 69.85
RMS 62.6
signal [adc counts]

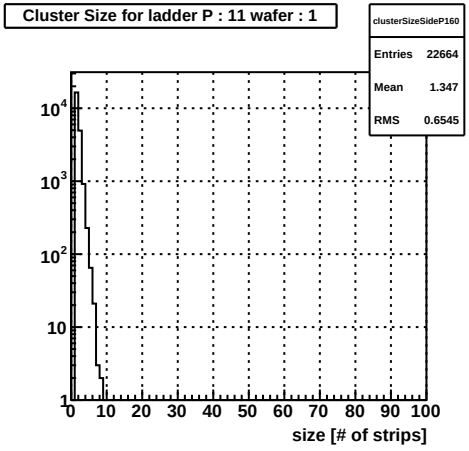

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 21557
Mean 1.467
RMS 0.7347
size [# of strips]

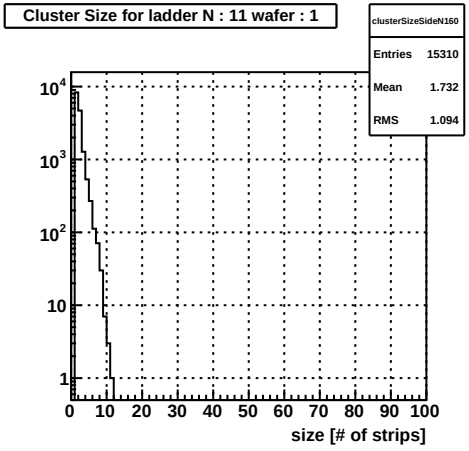

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 7382
Mean 1.41
RMS 0.8055
size [# of strips]

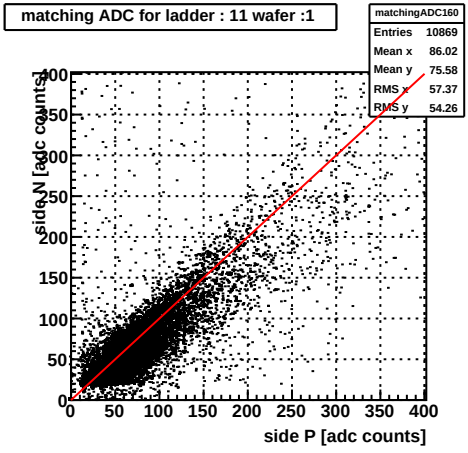

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 3404
Mean x 103.4
Mean y 87.77
RMS x 62.63
RMS y 64.37
side N [adc counts]
side P [adc counts]

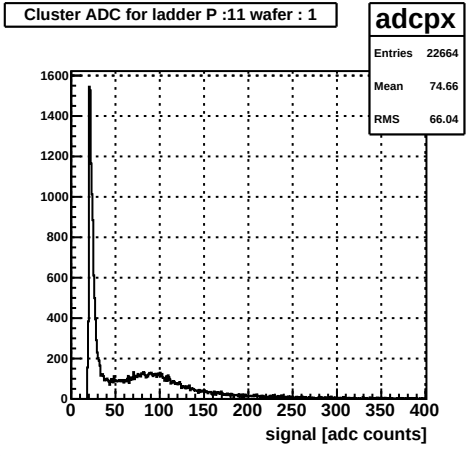

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 21557
Mean 71.21
RMS 54.68
signal [adc counts]

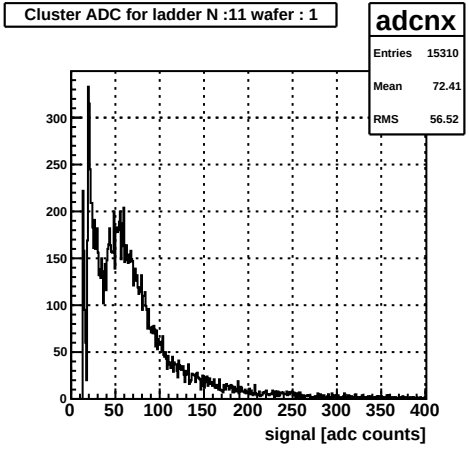

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 7382
Mean 53.53
RMS 59.21
signal [adc counts]

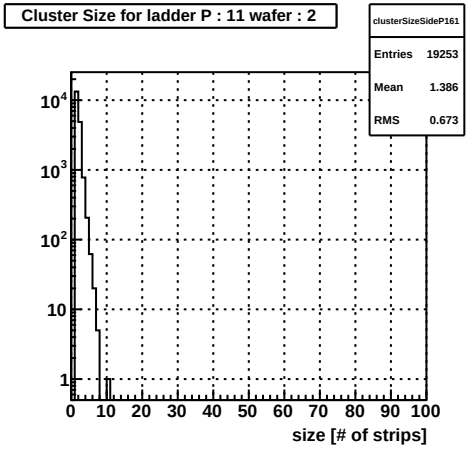

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 22664
Mean 1.347
RMS 0.6545
size [# of strips]

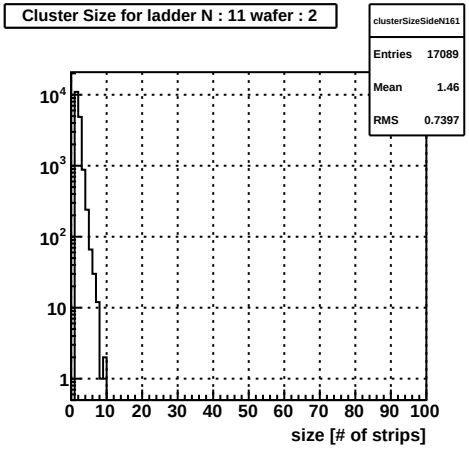

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 15310
Mean 1.732
RMS 1.094
size [# of strips]

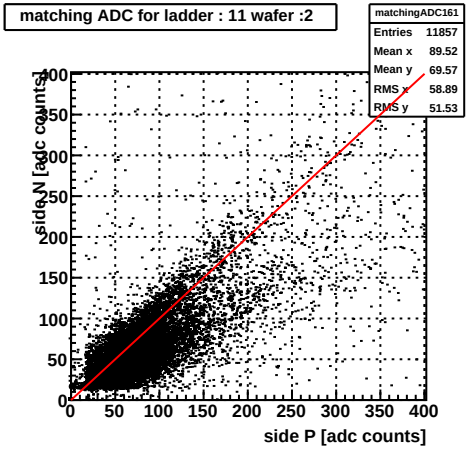

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 10869
Mean x 86.02
Mean y 75.58
RMS x 57.37
RMS y 54.26
side N [adc counts]
side P [adc counts]

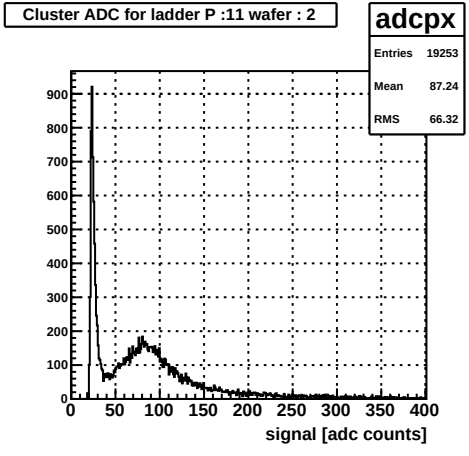

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 22664
Mean 74.66
RMS 66.04
signal [adc counts]

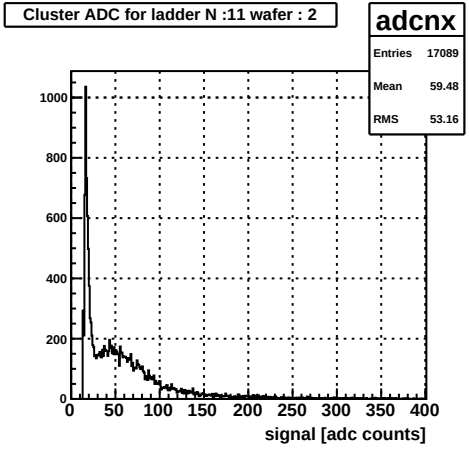

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 15310
Mean 72.41
RMS 56.52
signal [adc counts]

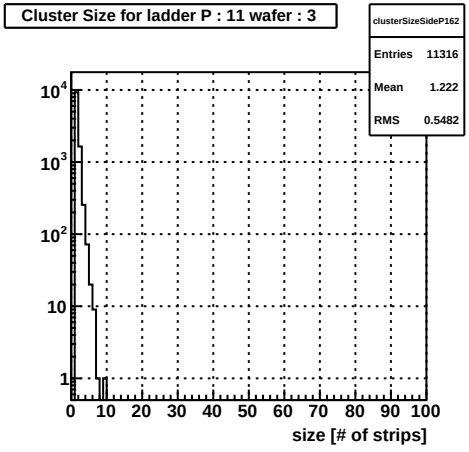

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 19253
Mean 1.386
RMS 0.673
size [# of strips]

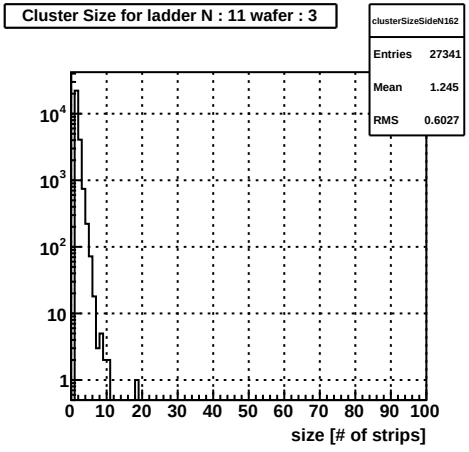

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 17089
Mean 1.46
RMS 0.7397
size [# of strips]

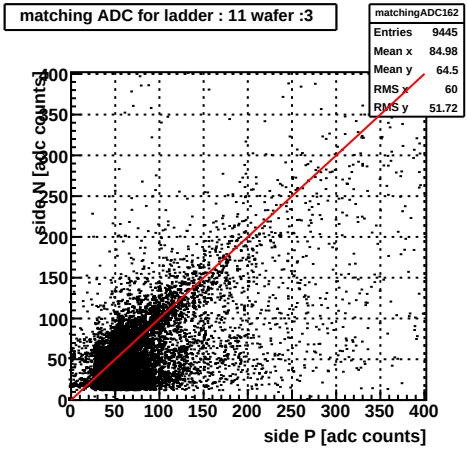

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 11857
Mean x 89.52
Mean y 69.57
RMS x 58.89
RMS y 51.53
side N [adc counts]
side P [adc counts]

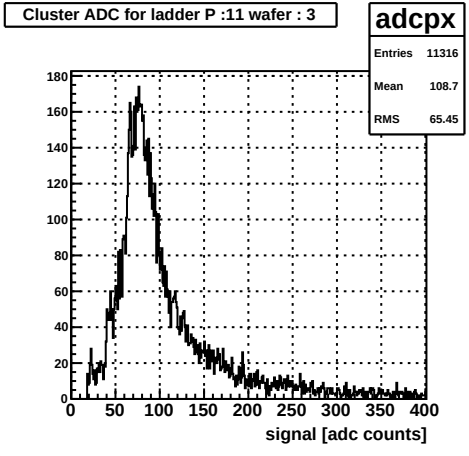

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 19253
Mean 87.24
RMS 66.32
signal [adc counts]

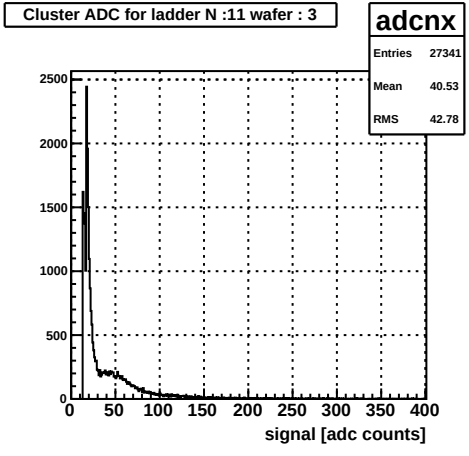

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 17089
Mean 59.48
RMS 53.16
signal [adc counts]

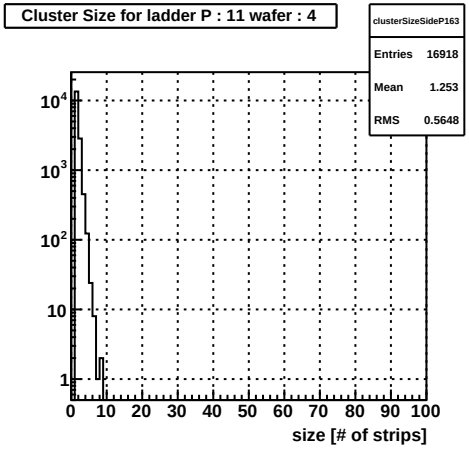

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 11316
Mean 1.222
RMS 0.5482
size [# of strips]

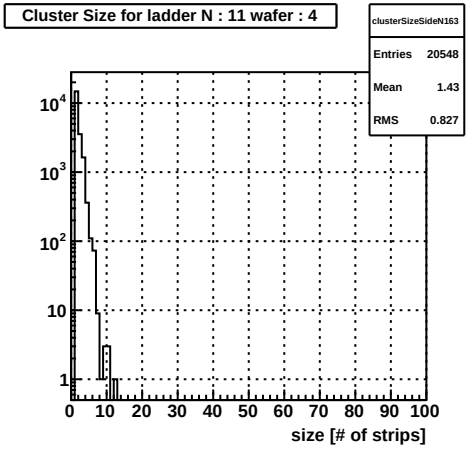

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 27341
Mean 1.245
RMS 0.6027
size [# of strips]

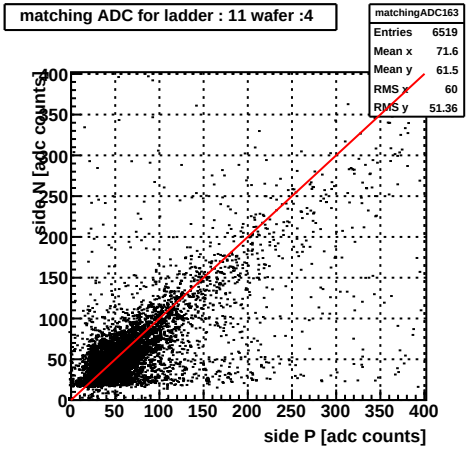

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 9445
Mean x 84.98
Mean y 64.5
RMS x 60
RMS y 51.72
side N [adc counts]
side P [adc counts]

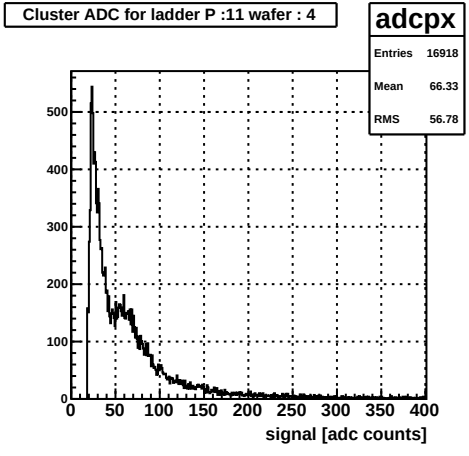

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 11316
Mean 108.7
RMS 65.45
signal [adc counts]

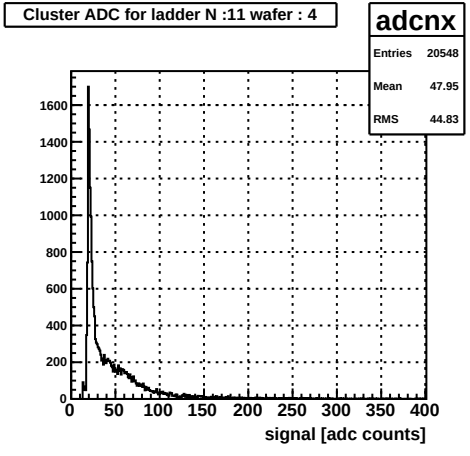

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 27341
Mean 40.53
RMS 42.78
signal [adc counts]

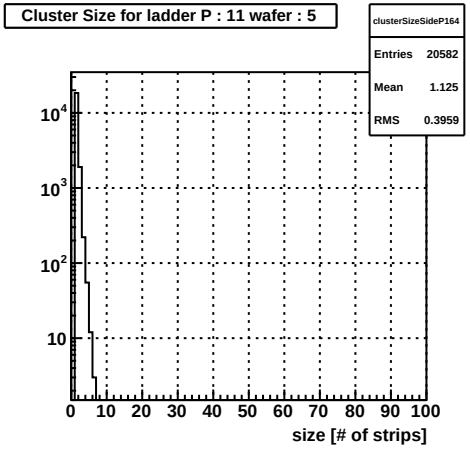

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 16918
Mean 1.253
RMS 0.5648
size [# of strips]

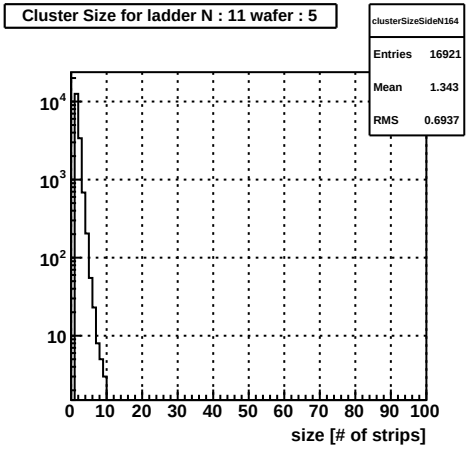

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 20548
Mean 1.43
RMS 0.827
size [# of strips]

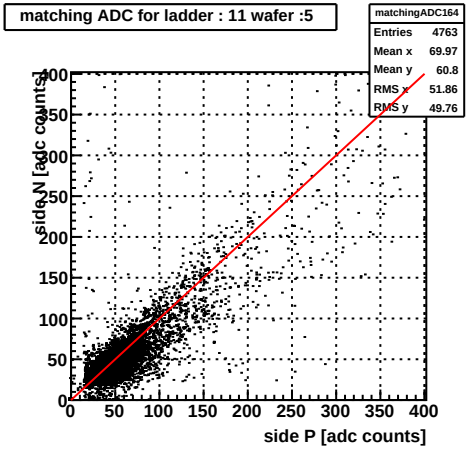

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 6519
Mean x 71.6
Mean y 61.5
RMS x 60
RMS y 51.36
side N [adc counts]
side P [adc counts]

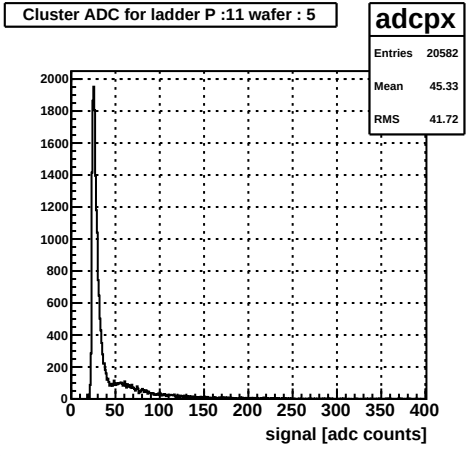

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 16918
Mean 66.33
RMS 56.78
signal [adc counts]

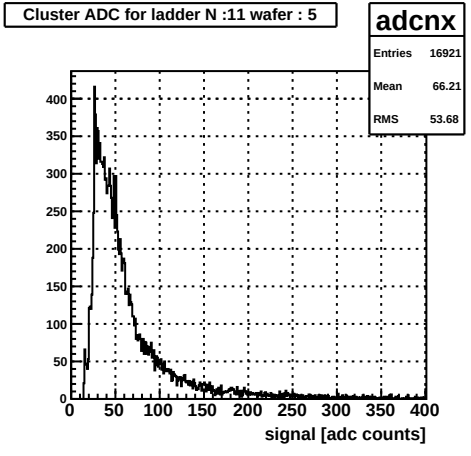

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 20548
Mean 47.95
RMS 44.83
signal [adc counts]

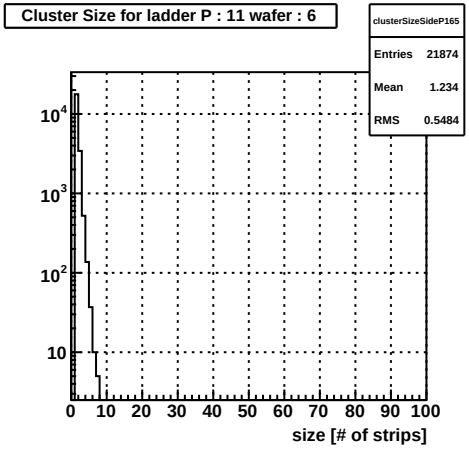

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 20582
Mean 1.125
RMS 0.3959
size [# of strips]

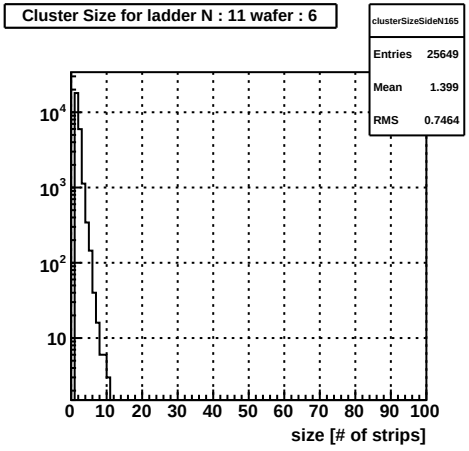

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 16921
Mean 1.343
RMS 0.6937
size [# of strips]

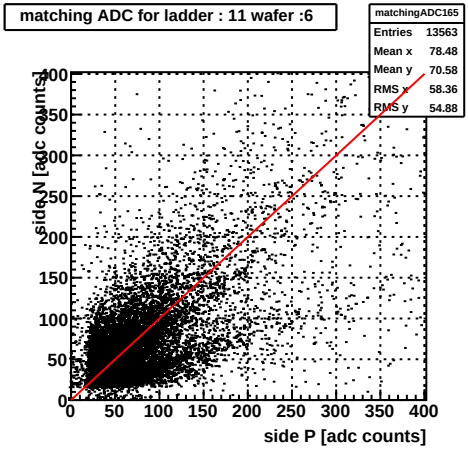

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 4763
Mean x 69.97
Mean y 60.8
RMS x 51.86
RMS y 49.76
side N [adc counts]
side P [adc counts]

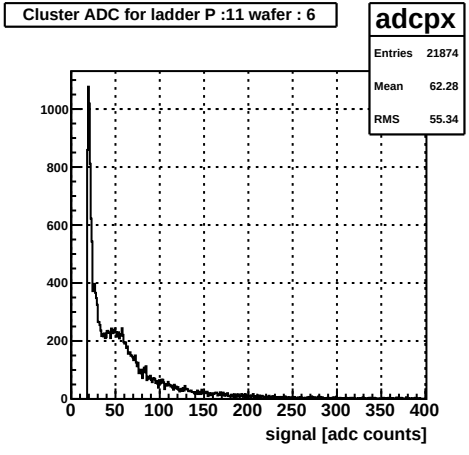

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 20582
Mean 45.33
RMS 41.72
signal [adc counts]

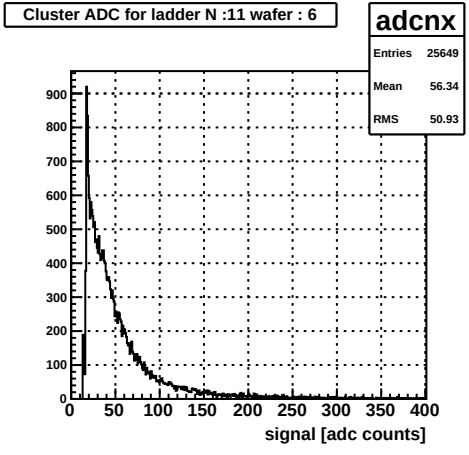

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 16921
Mean 66.21
RMS 53.68
signal [adc counts]

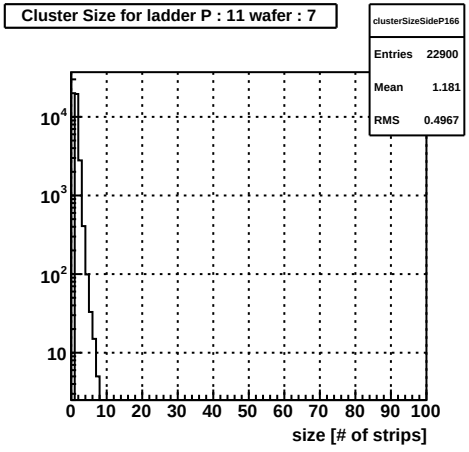

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 21874
Mean 1.234
RMS 0.5484
size [# of strips]

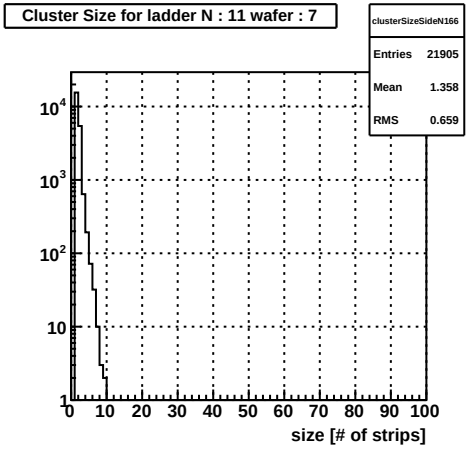

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 25649
Mean 1.399
RMS 0.7464
size [# of strips]

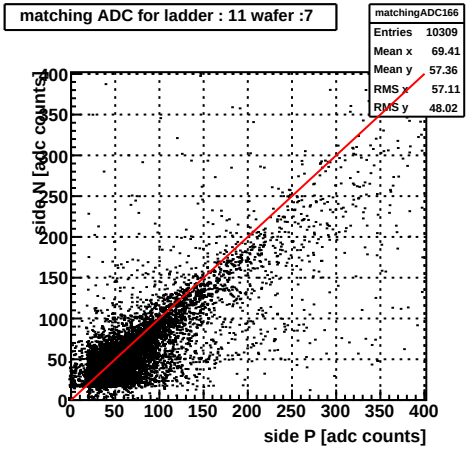

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 13563
Mean x 78.48
Mean y 70.58
RMS x 58.36
RMS y 54.88
side N [adc counts]
side P [adc counts]

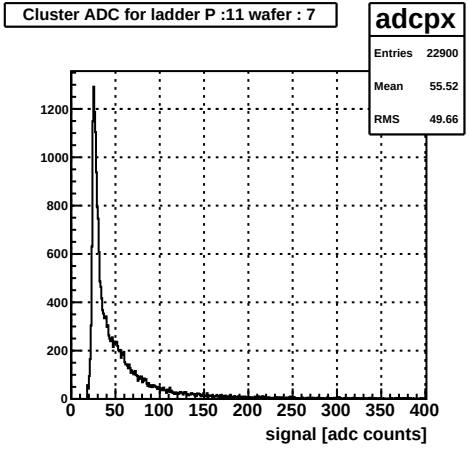

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 21874
Mean 62.28
RMS 55.34
signal [adc counts]

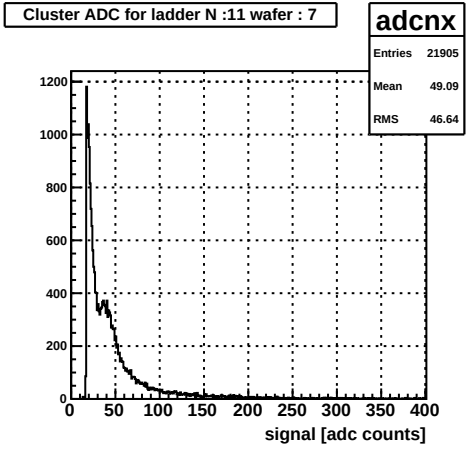

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 25649
Mean 56.34
RMS 50.93
signal [adc counts]

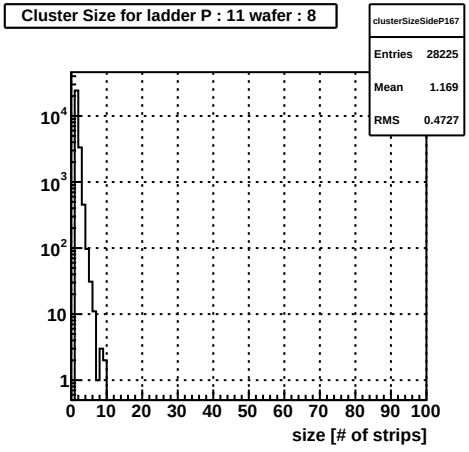

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 22900
Mean 1.181
RMS 0.4967
size [# of strips]

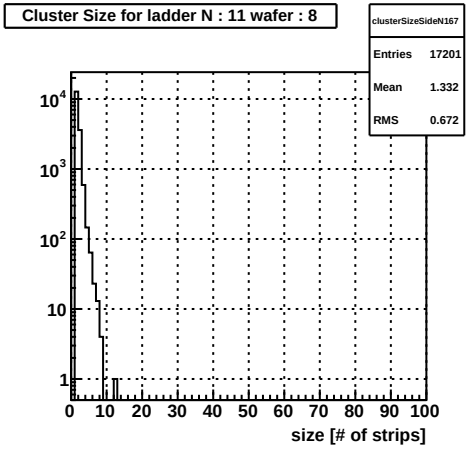

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 21905
Mean 1.358
RMS 0.659
size [# of strips]

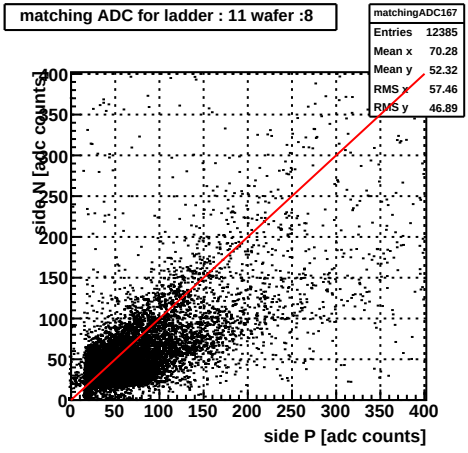

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 10309
Mean x 69.41
Mean y 57.36
RMS x 57.11
RMS y 48.02
side N [adc counts]
side P [adc counts]

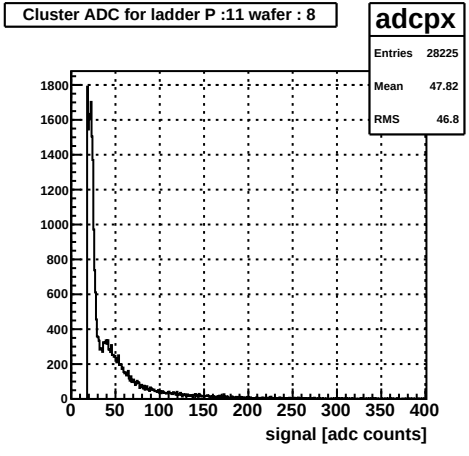

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 22900
Mean 55.52
RMS 49.66
signal [adc counts]

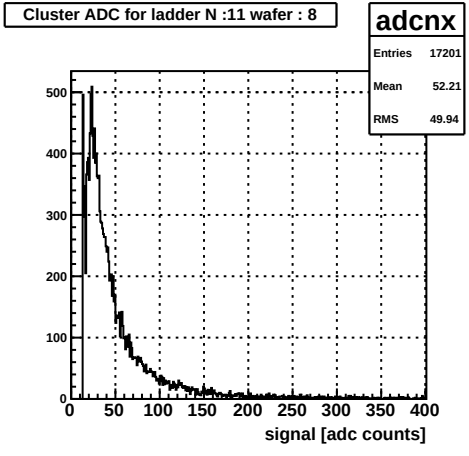

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 21905
Mean 49.09
RMS 46.64
signal [adc counts]

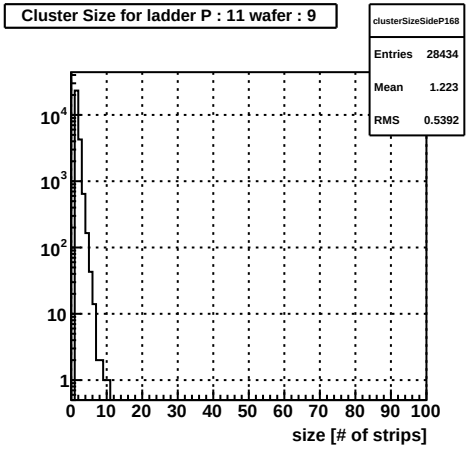

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 28225
Mean 1.169
RMS 0.4727
size [# of strips]

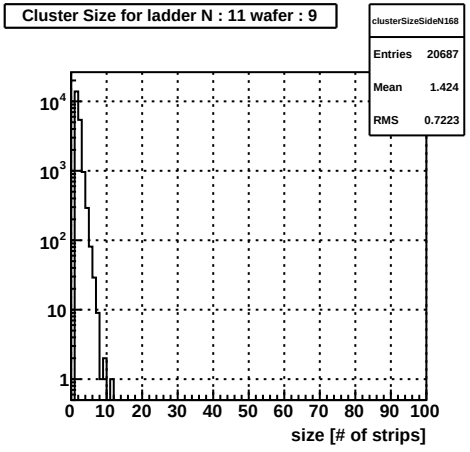

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 17201
Mean 1.332
RMS 0.672
size [# of strips]

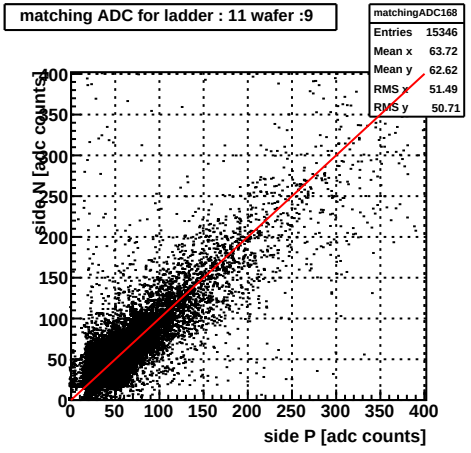

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 12385
Mean x 70.28
Mean y 52.32
RMS x 57.46
RMS y 46.89
side N [adc counts]
side P [adc counts]

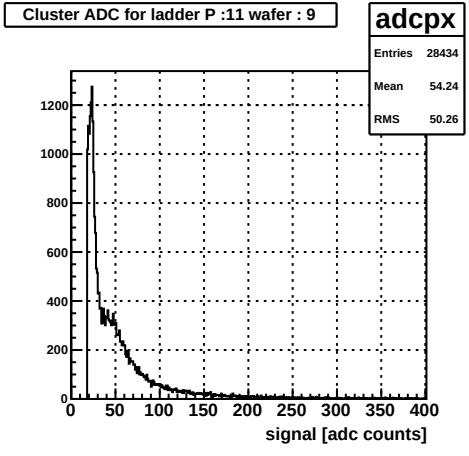

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 28225
Mean 47.82
RMS 46.8
signal [adc counts]

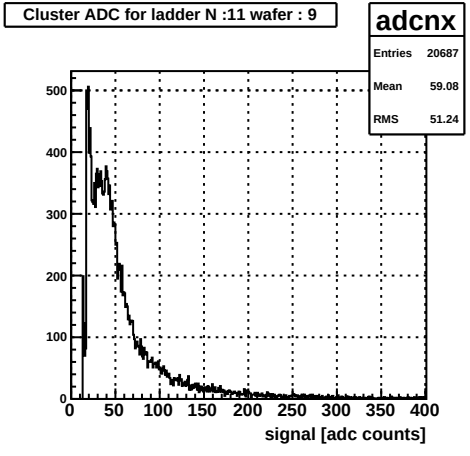

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 17201
Mean 52.21
RMS 49.94
signal [adc counts]

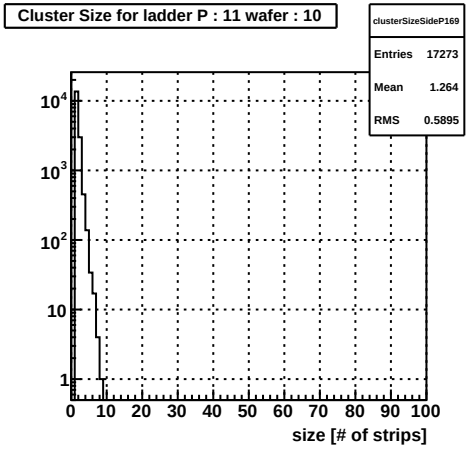

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 28434
Mean 1.223
RMS 0.5392
size [# of strips]

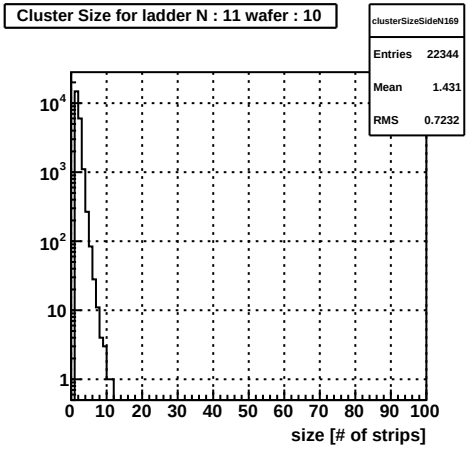

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 20687
Mean 1.424
RMS 0.7223
size [# of strips]

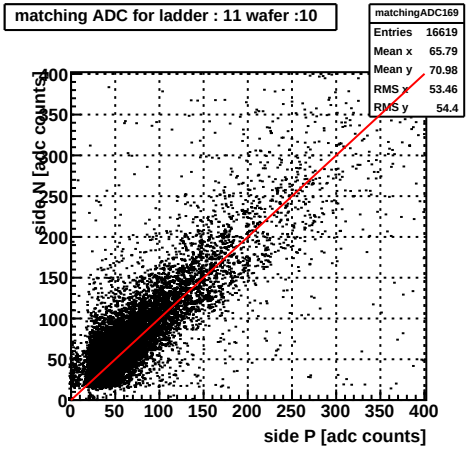

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 15346
Mean x 63.72
Mean y 62.62
RMS x 51.49
RMS y 50.71
side N [adc counts]
side P [adc counts]

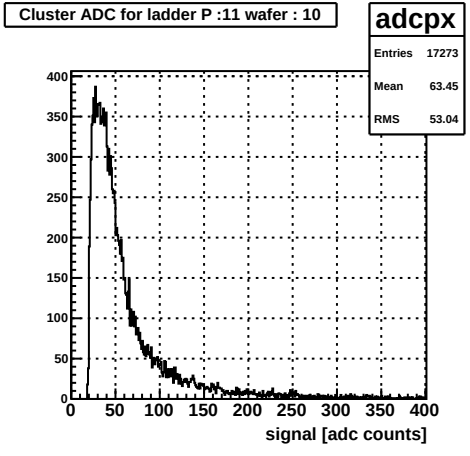

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 28434
Mean 54.24
RMS 50.26
signal [adc counts]

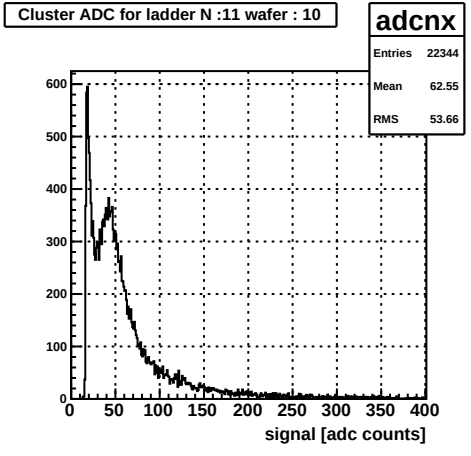

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 20687
Mean 59.08
RMS 51.24
signal [adc counts]

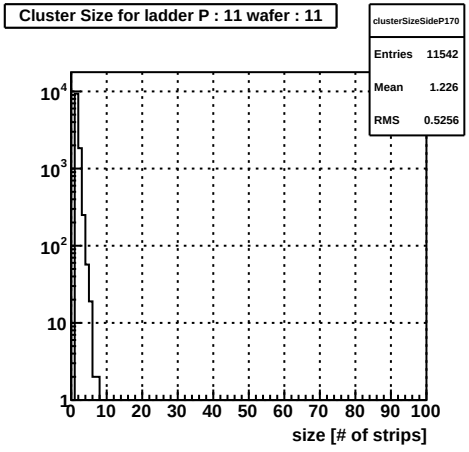

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 17273
Mean 1.264
RMS 0.5895
size [# of strips]

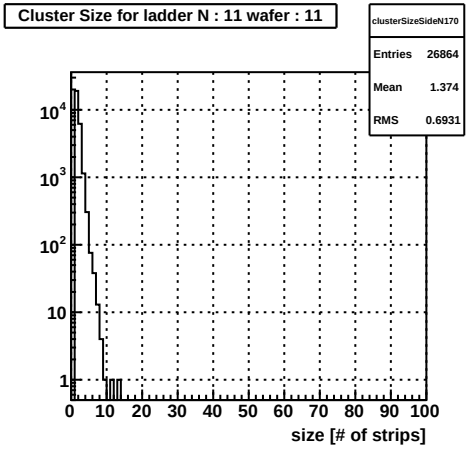

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 22344
Mean 1.431
RMS 0.7232
size [# of strips]

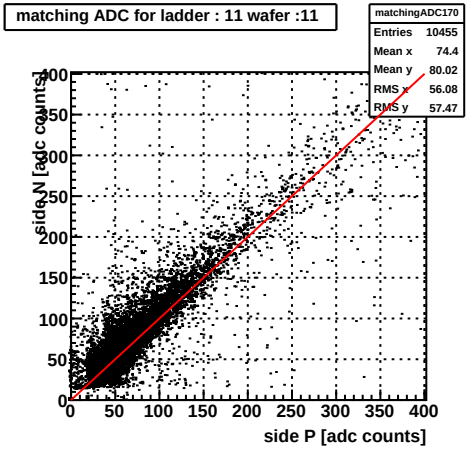

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 16619
Mean x 65.79
Mean y 70.98
RMS x 53.46
RMS y 54.4
side N [adc counts]
side P [adc counts]

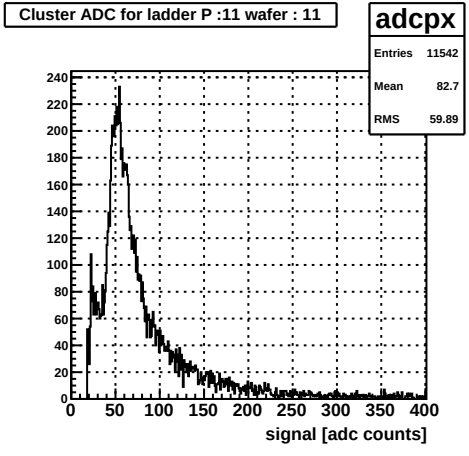

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 17273
Mean 63.45
RMS 53.04
signal [adc counts]

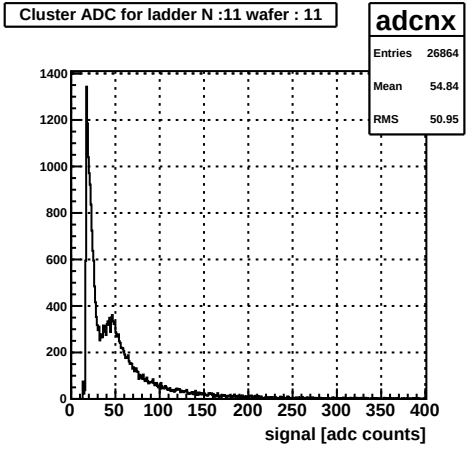

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 22344
Mean 62.55
RMS 53.66
signal [adc counts]

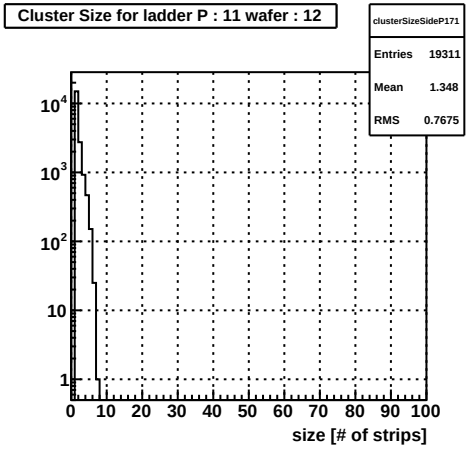

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 11542
Mean 1.226
RMS 0.5256
size [# of strips]

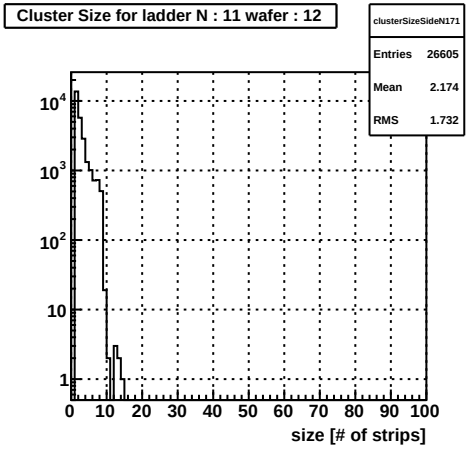

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 26864
Mean 1.374
RMS 0.6931
size [# of strips]

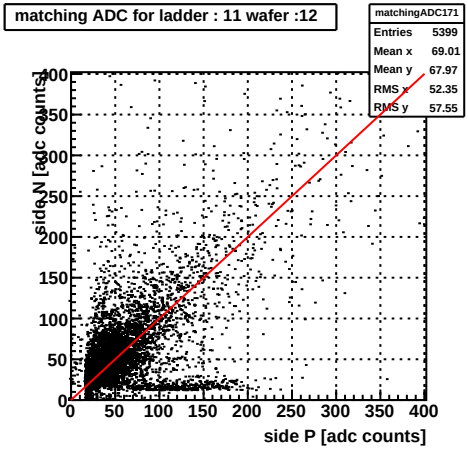

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 10455
Mean x 74.4
Mean y 80.02
RMS x 56.08
RMS y 57.47
side N [adc counts]
side P [adc counts]

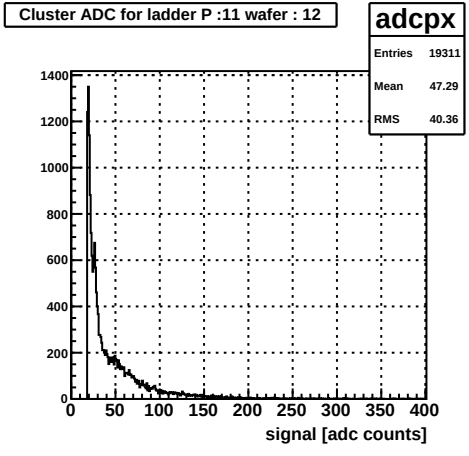

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 11542
Mean 82.7
RMS 59.89
signal [adc counts]

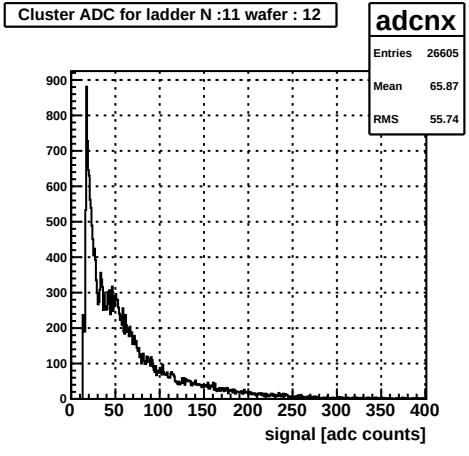

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 26864
Mean 54.84
RMS 50.95
signal [adc counts]

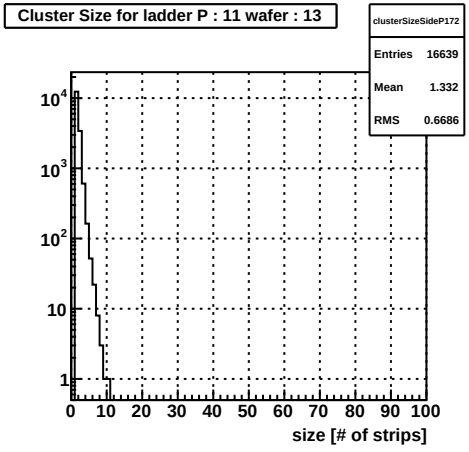

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 19311
Mean 1.348
RMS 0.7675
size [# of strips]

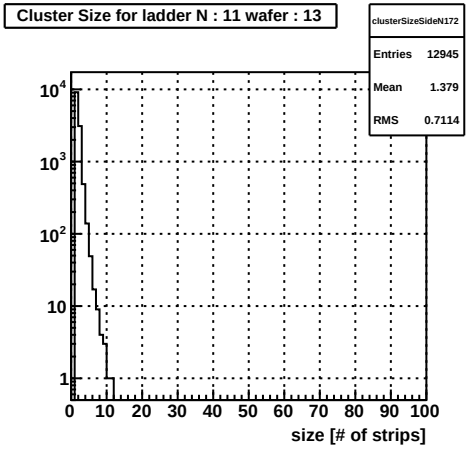

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 26605
Mean 2.174
RMS 1.732
size [# of strips]

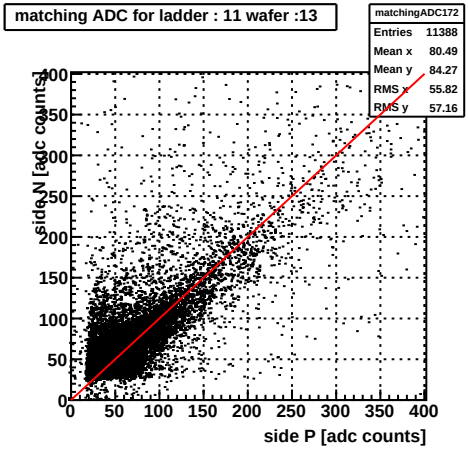

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 5399
Mean x 69.01
Mean y 67.97
RMS x 52.35
RMS y 57.55
side N [adc counts]
side P [adc counts]

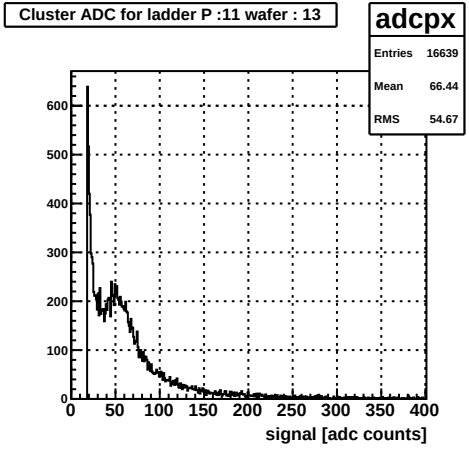

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 19311
Mean 47.29
RMS 40.36
signal [adc counts]

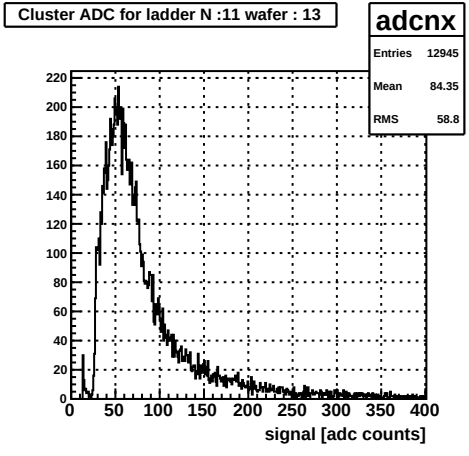

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 26605
Mean 65.87
RMS 55.74
signal [adc counts]

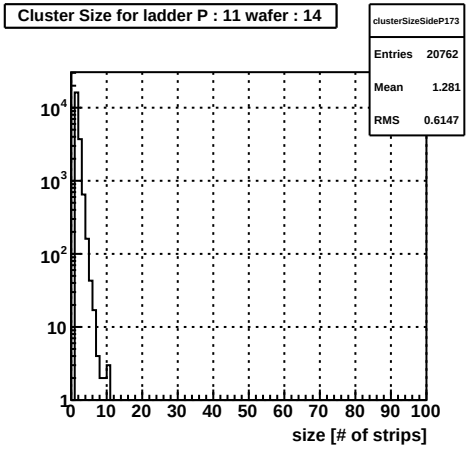

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 16639
Mean 1.332
RMS 0.6686
size [# of strips]

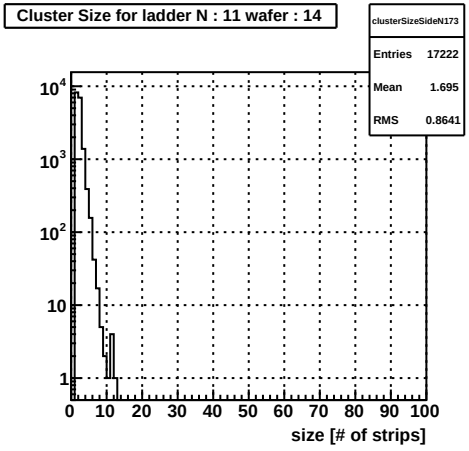

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 12945
Mean 1.379
RMS 0.7114
size [# of strips]

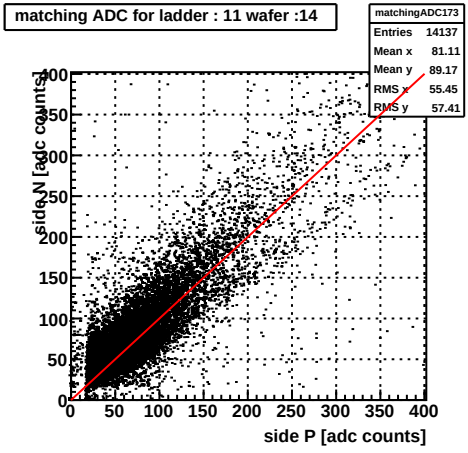

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 11388
Mean x 80.49
Mean y 84.27
RMS x 55.82
RMS y 57.16
side N [adc counts]
side P [adc counts]

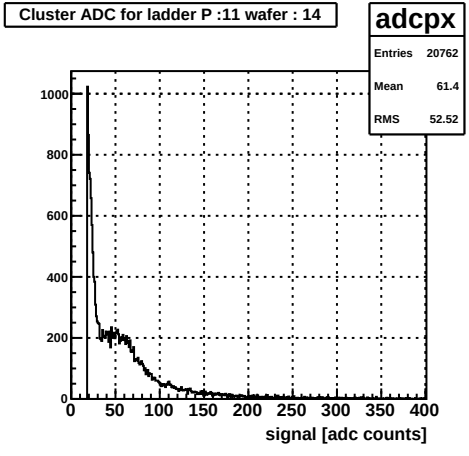

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 16639
Mean 66.44
RMS 54.67
signal [adc counts]

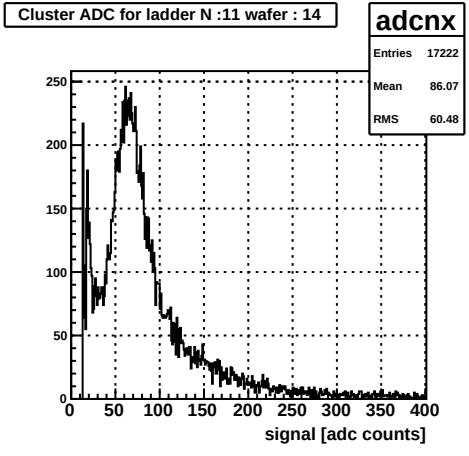

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 12945
Mean 84.35
RMS 58.8
signal [adc counts]

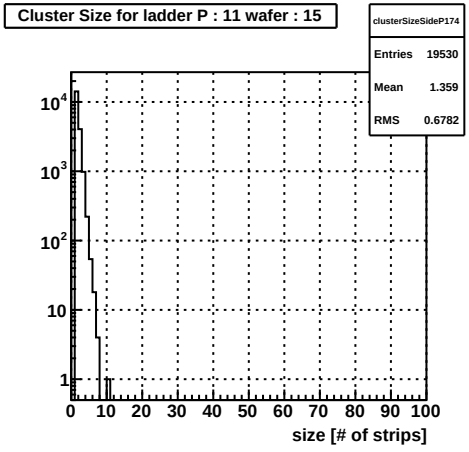

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 20762
Mean 1.281
RMS 0.6147
size [# of strips]

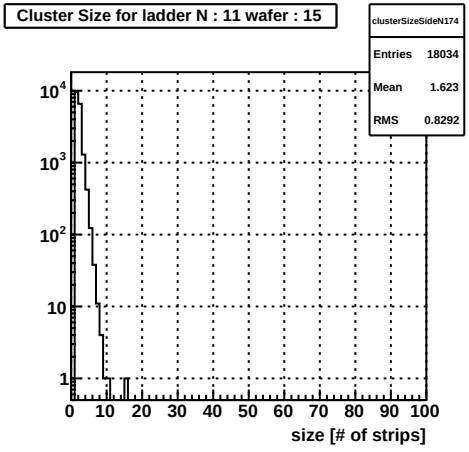

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 17222
Mean 1.695
RMS 0.8641
size [# of strips]

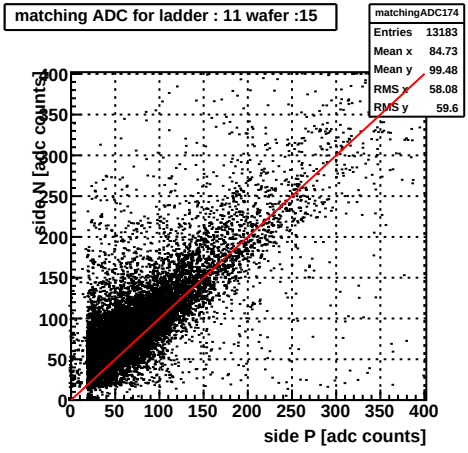

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 14137
Mean x 81.11
Mean y 89.17
RMS x 55.45
RMS y 57.41
side N [adc counts]
side P [adc counts]

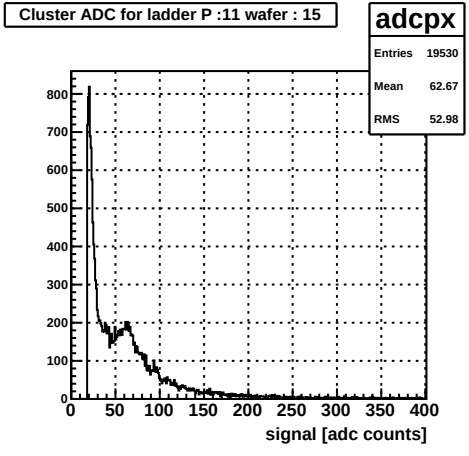

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 20762
Mean 61.4
RMS 52.52
signal [adc counts]

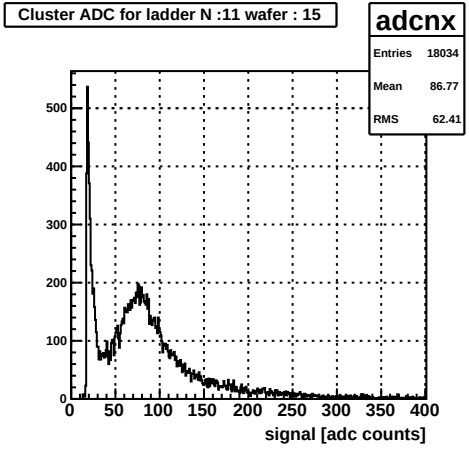

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 17222
Mean 86.07
RMS 60.48
signal [adc counts]

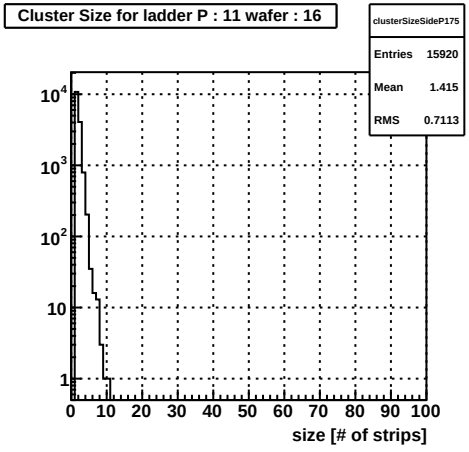

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 19530
Mean 1.359
RMS 0.6782
size [# of strips]

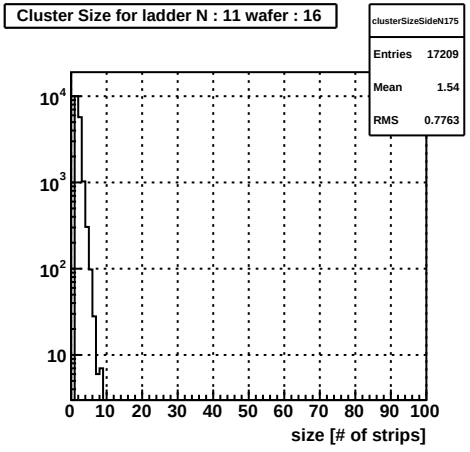

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 18034
Mean 1.623
RMS 0.8292
size [# of strips]

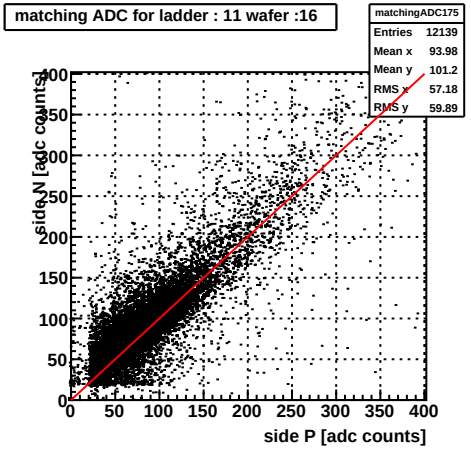

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 13183
Mean x 84.73
Mean y 99.48
RMS x 58.08
RMS y 59.6
side N [adc counts]
side P [adc counts]

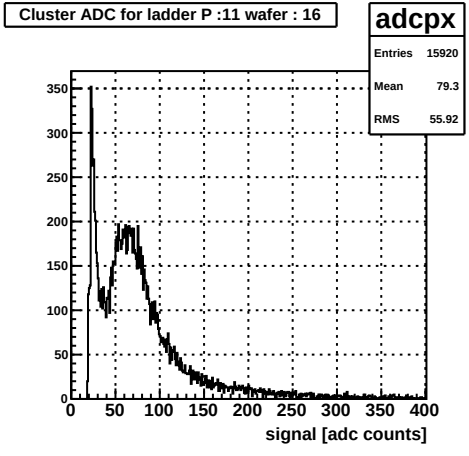

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 19530
Mean 62.67
RMS 52.98
signal [adc counts]

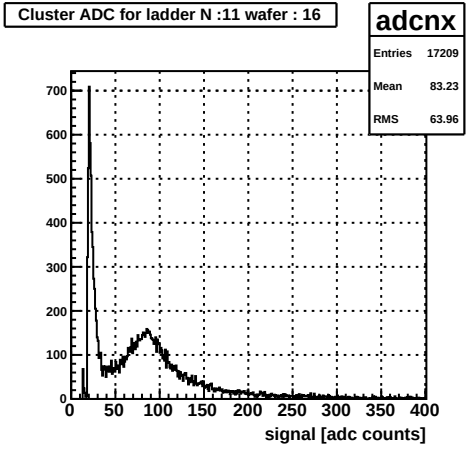

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 18034
Mean 86.77
RMS 62.41
signal [adc counts]

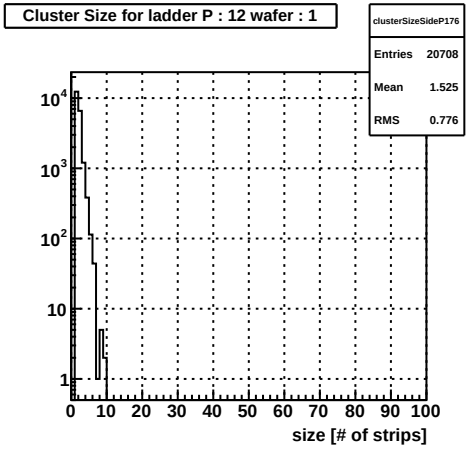

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 15920
Mean 1.415
RMS 0.7113
size [# of strips]

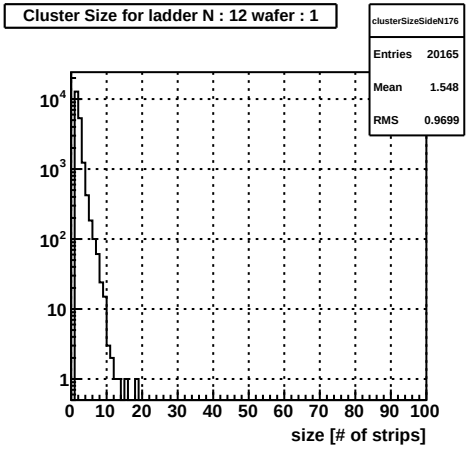

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 17209
Mean 1.54
RMS 0.7763
size [# of strips]

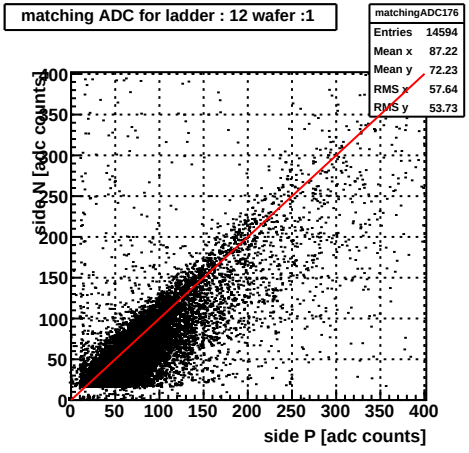

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 12139
Mean x 93.98
Mean y 101.2
RMS x 57.18
RMS y 59.89
side N [adc counts]
side P [adc counts]

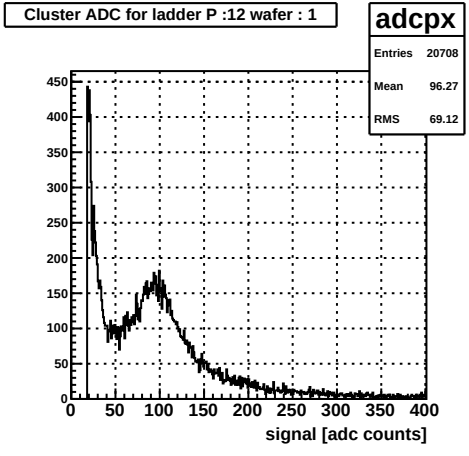

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 15920
Mean 79.3
RMS 55.92
signal [adc counts]

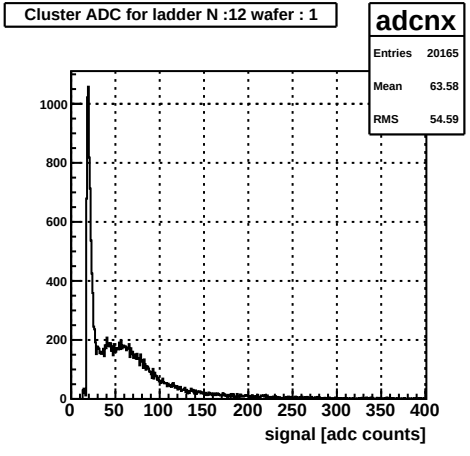

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 17209
Mean 83.23
RMS 63.96
signal [adc counts]

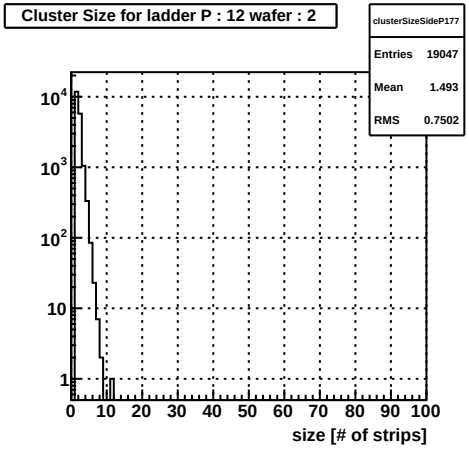

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 20708
Mean 1.525
RMS 0.776
size [# of strips]

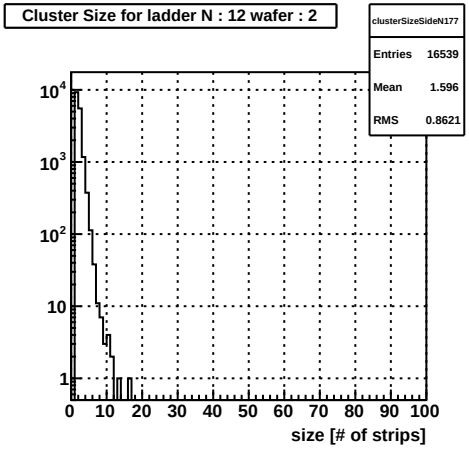

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 20165
Mean 1.548
RMS 0.9699
size [# of strips]

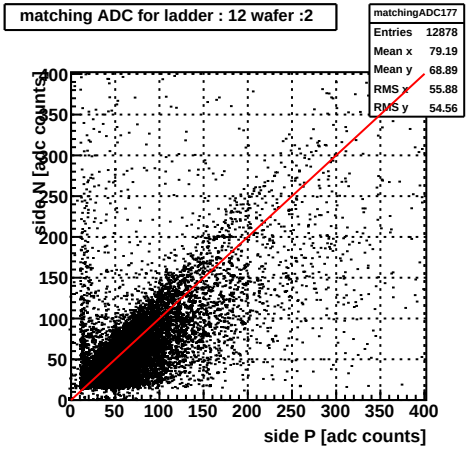

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 14594
Mean x 87.22
Mean y 72.23
RMS x 57.64
RMS y 53.73
side N [adc counts]
side P [adc counts]

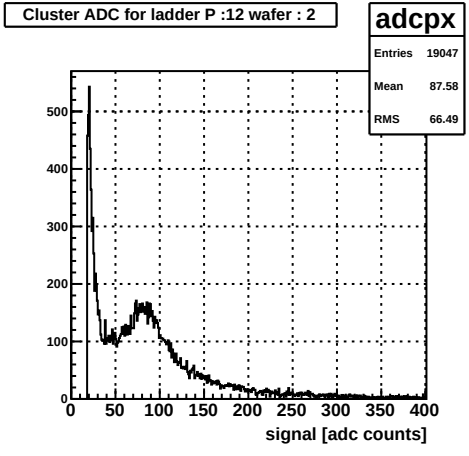

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 20708
Mean 96.27
RMS 69.12
signal [adc counts]

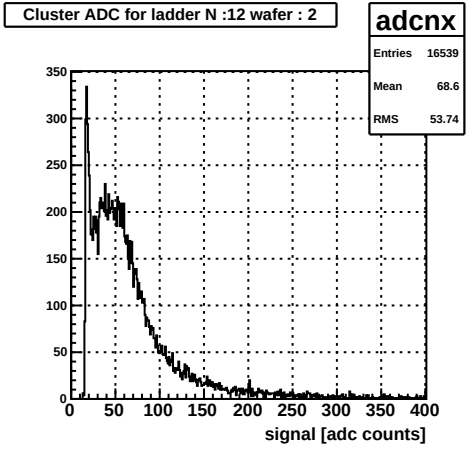

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 20165
Mean 63.58
RMS 54.59
signal [adc counts]

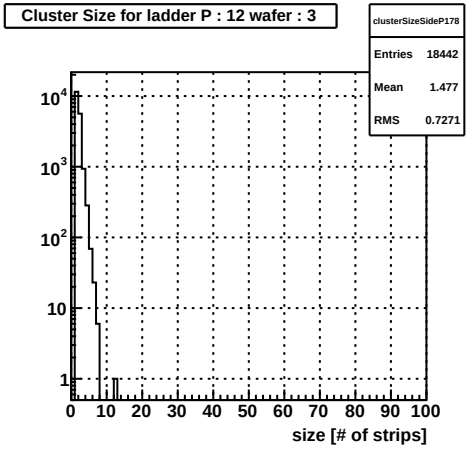

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 19047
Mean 1.493
RMS 0.7502
size [# of strips]

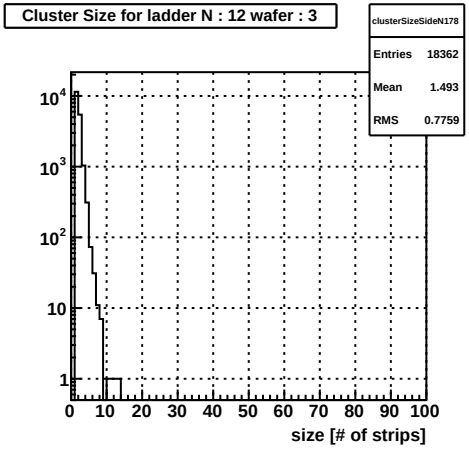

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 16539
Mean 1.596
RMS 0.8621
size [# of strips]

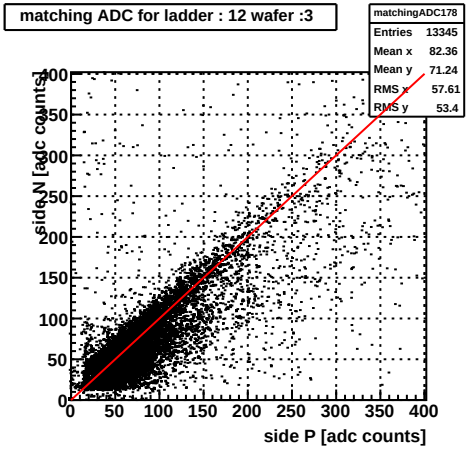

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 12878
Mean x 79.19
Mean y 68.89
RMS x 55.88
RMS y 54.56
side N [adc counts]
side P [adc counts]

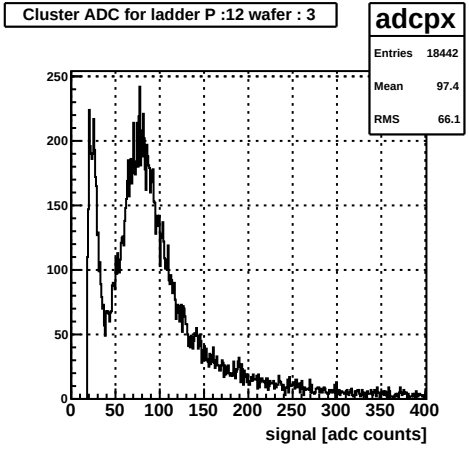

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 19047
Mean 87.58
RMS 66.49
signal [adc counts]

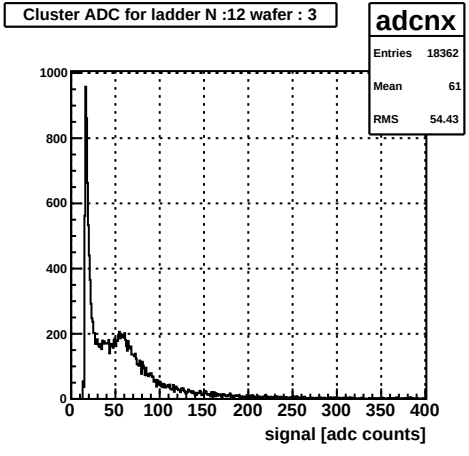

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 16539
Mean 68.6
RMS 53.74
signal [adc counts]

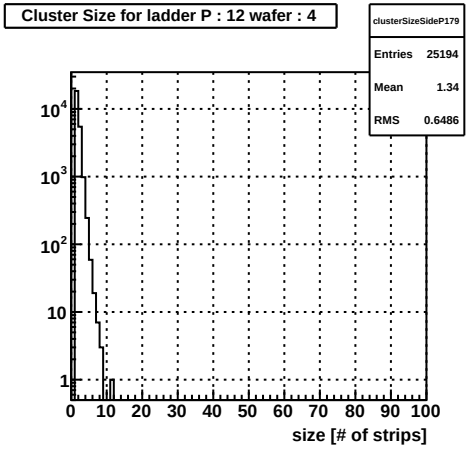

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 18442
Mean 1.477
RMS 0.7271
size [# of strips]

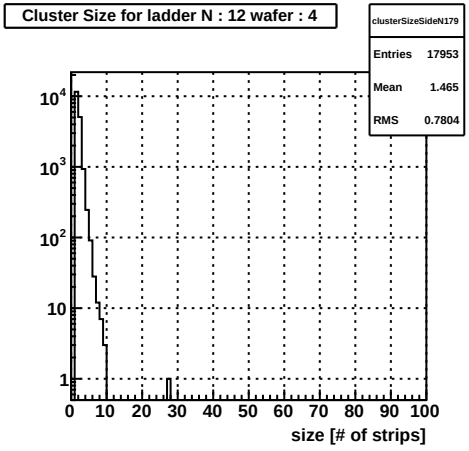

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 18362
Mean 1.493
RMS 0.7759
size [# of strips]

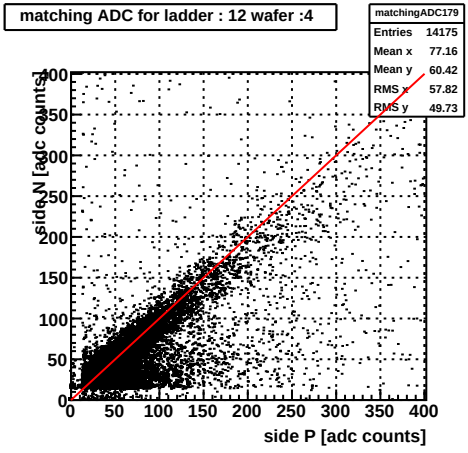

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 13345
Mean x 82.36
Mean y 71.24
RMS x 57.61
RMS y 53.4
side N [adc counts]
side P [adc counts]

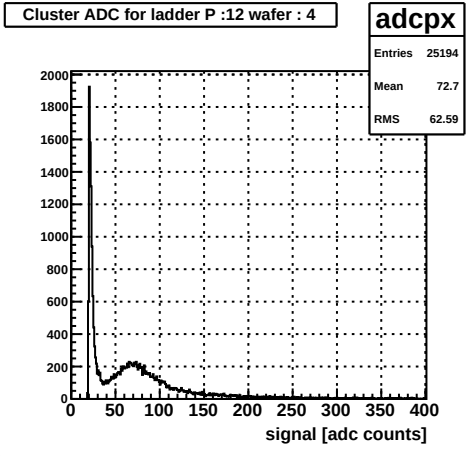

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 18442
Mean 97.4
RMS 66.1
signal [adc counts]

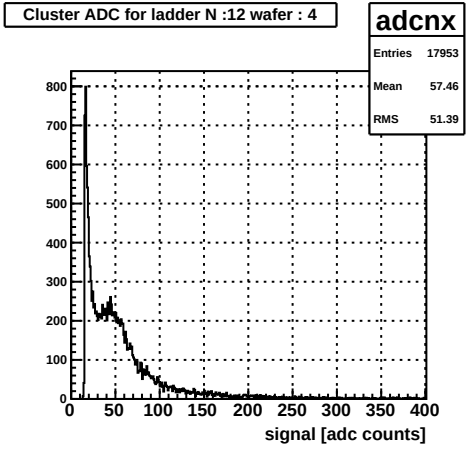

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 18362
Mean 61
RMS 54.43
signal [adc counts]

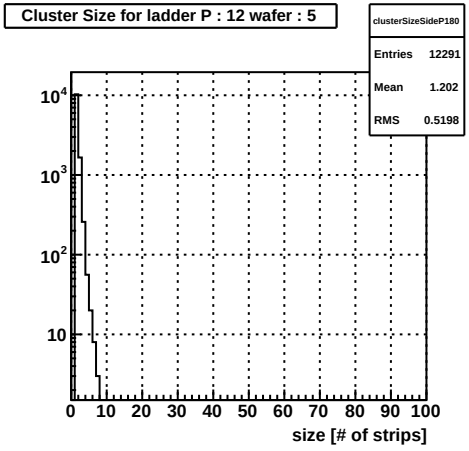

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 25194
Mean 1.34
RMS 0.6486
size [# of strips]

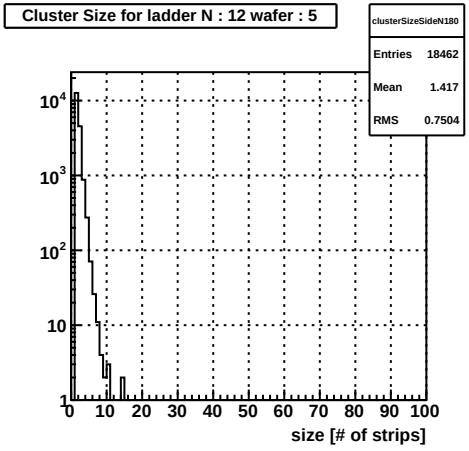

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 17953
Mean 1.465
RMS 0.7804
size [# of strips]

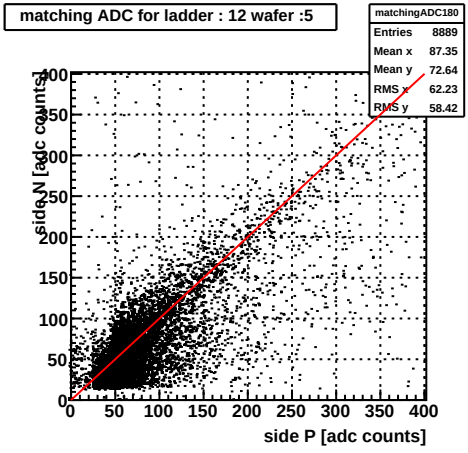

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 14175
Mean x 77.16
Mean y 60.42
RMS x 57.82
RMS y 49.73
side N [adc counts]
side P [adc counts]

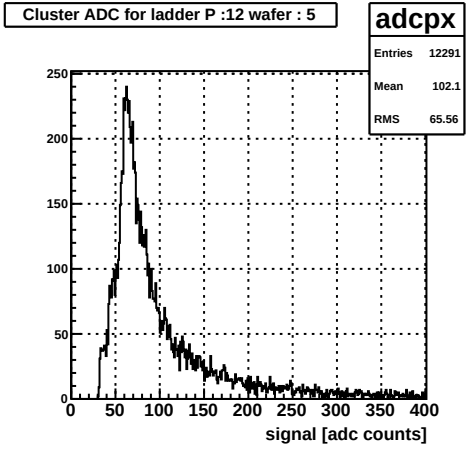

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 25194
Mean 72.7
RMS 62.59
signal [adc counts]

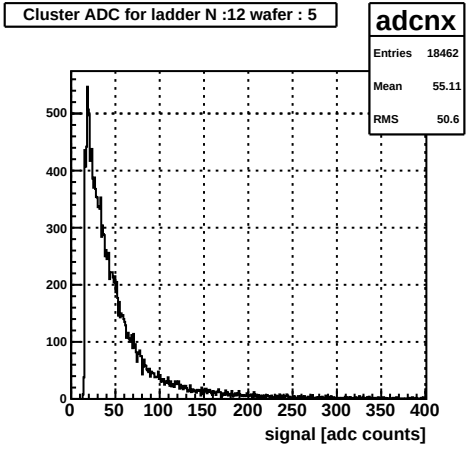

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 17953
Mean 57.46
RMS 51.39
signal [adc counts]

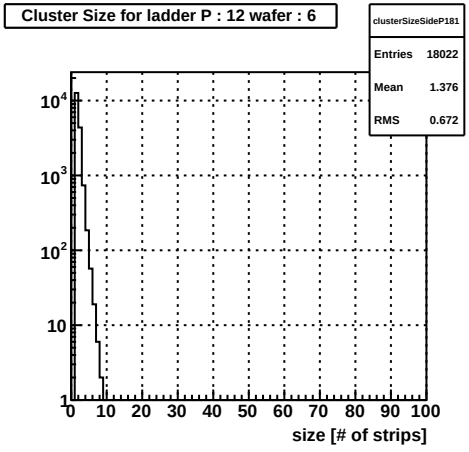

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 12291
Mean 1.202
RMS 0.5198
size [# of strips]

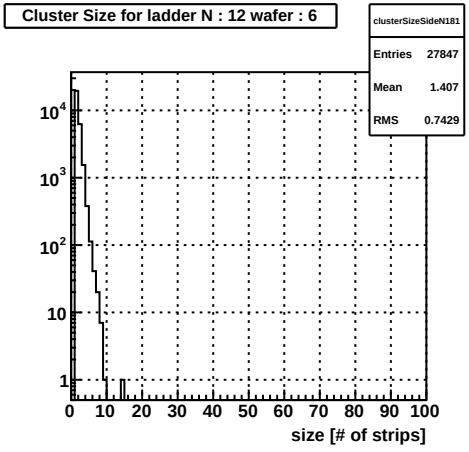

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 18462
Mean 1.417
RMS 0.7504
size [# of strips]

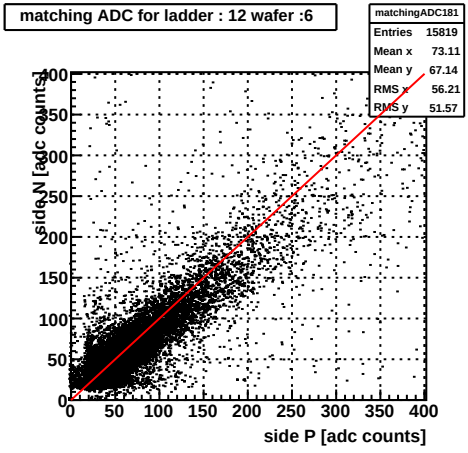

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 8889
Mean x 87.35
Mean y 72.64
RMS x 62.23
RMS y 58.42
side N [adc counts]
side P [adc counts]

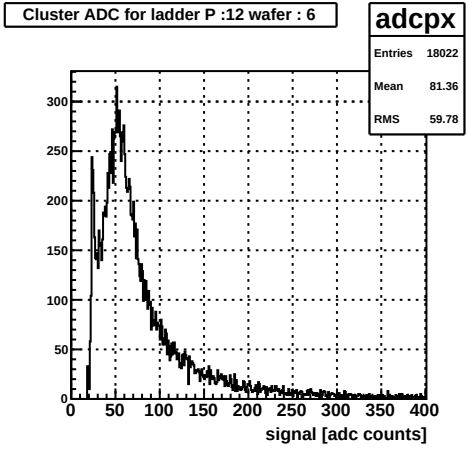

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 12291
Mean 102.1
RMS 65.56
signal [adc counts]

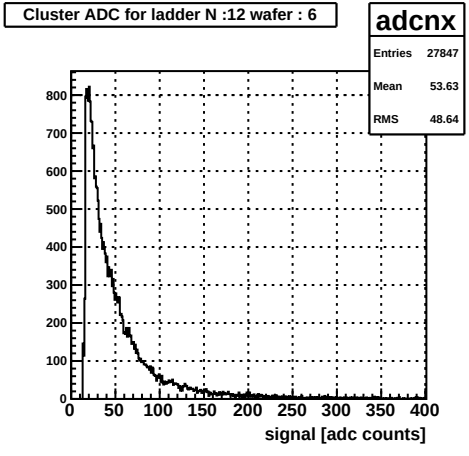

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 18462
Mean 55.11
RMS 50.6
signal [adc counts]

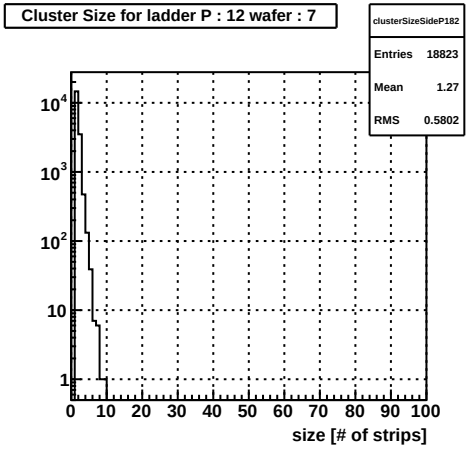

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 18022
Mean 1.376
RMS 0.672
size [# of strips]

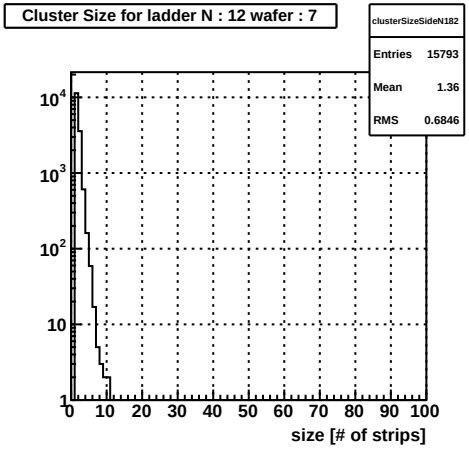

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 27847
Mean 1.407
RMS 0.7429
size [# of strips]

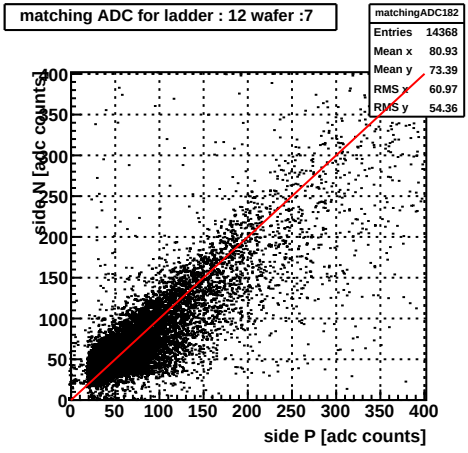

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 15819
Mean x 73.11
Mean y 67.14
RMS x 56.21
RMS y 51.57
side N [adc counts]
side P [adc counts]

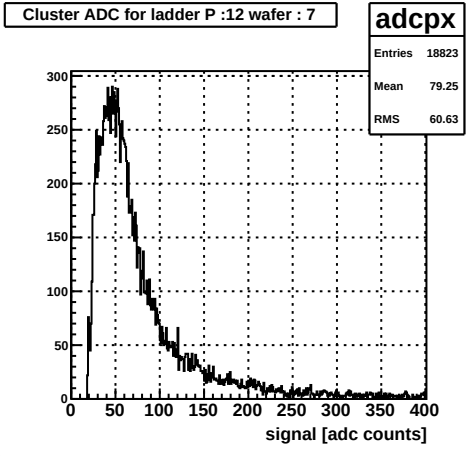

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 18022
Mean 81.36
RMS 59.78
signal [adc counts]

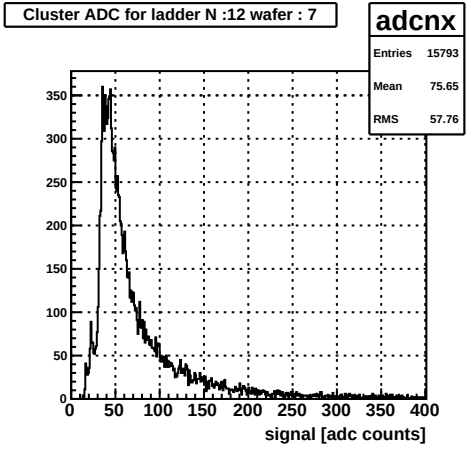

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 27847
Mean 53.63
RMS 48.64
signal [adc counts]

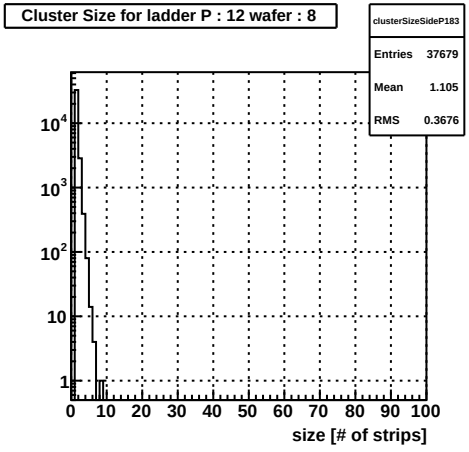

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 18823
Mean 1.27
RMS 0.5802
size [# of strips]

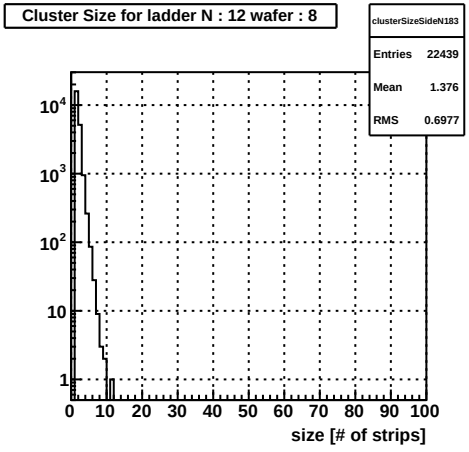

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 15793
Mean 1.36
RMS 0.6846
size [# of strips]

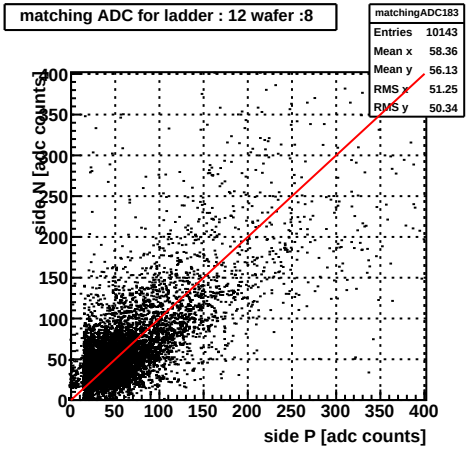

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 14368
Mean x 80.93
Mean y 73.39
RMS x 60.97
RMS y 54.36
side N [adc counts]
side P [adc counts]

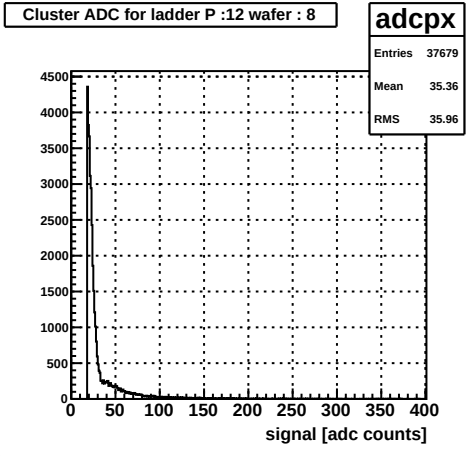

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 18823
Mean 79.25
RMS 60.63
signal [adc counts]

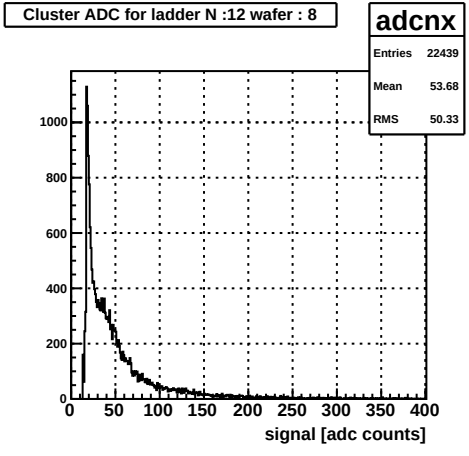

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 15793
Mean 75.65
RMS 57.76
signal [adc counts]

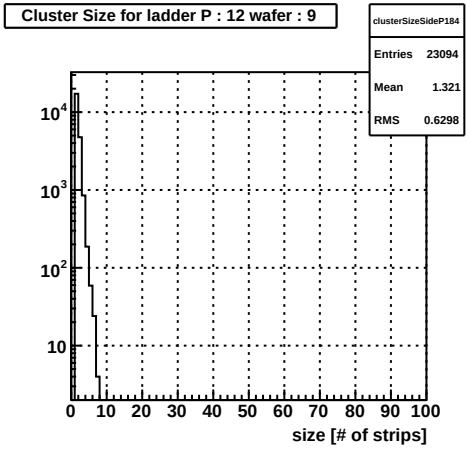

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 37679
Mean 1.105
RMS 0.3676
size [# of strips]

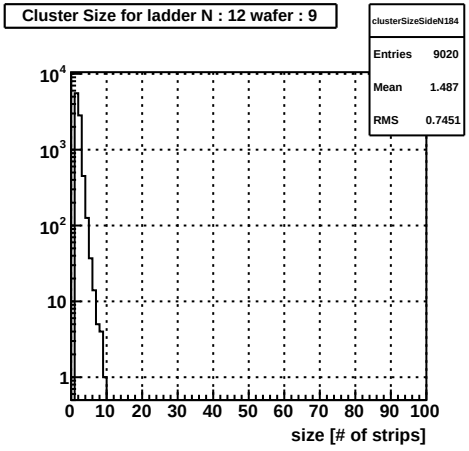

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 22439
Mean 1.376
RMS 0.6977
size [# of strips]

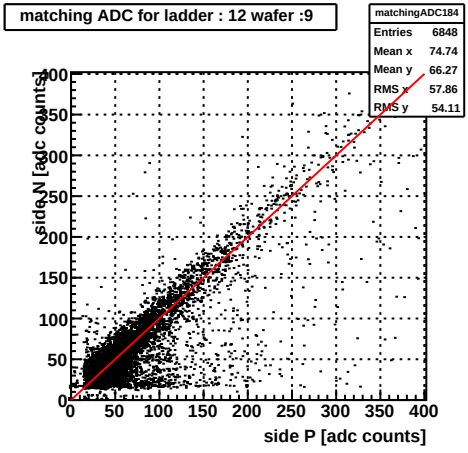

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 10143
Mean x 58.36
Mean y 56.13
RMS x 51.25
RMS y 50.34
side N [adc counts]
side P [adc counts]

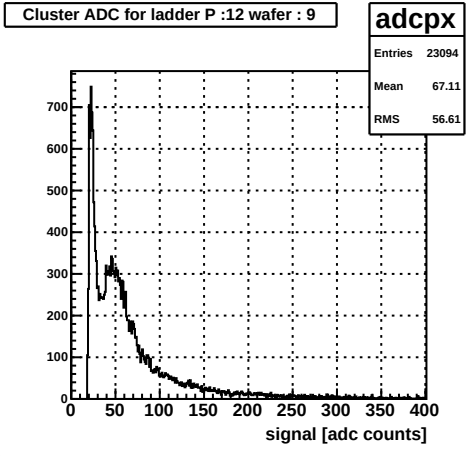

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 37679
Mean 35.36
RMS 35.96
signal [adc counts]

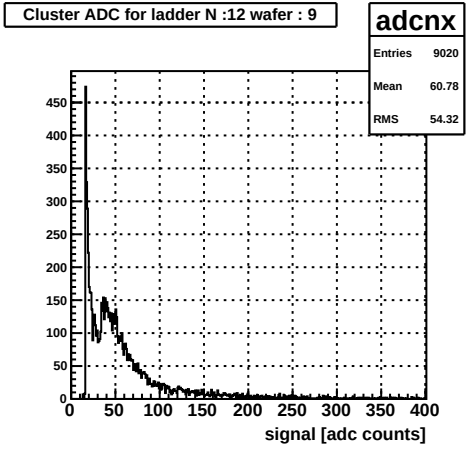

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 22439
Mean 53.68
RMS 50.33
signal [adc counts]

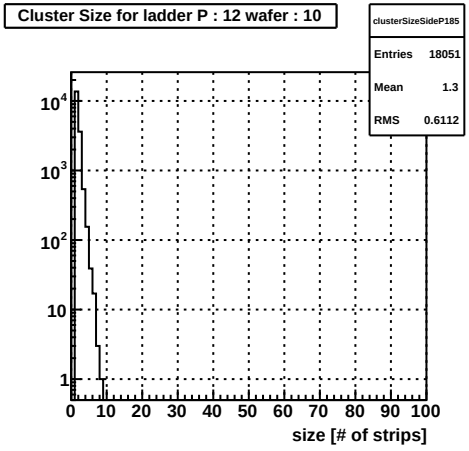

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 23094
Mean 1.321
RMS 0.6298
size [# of strips]

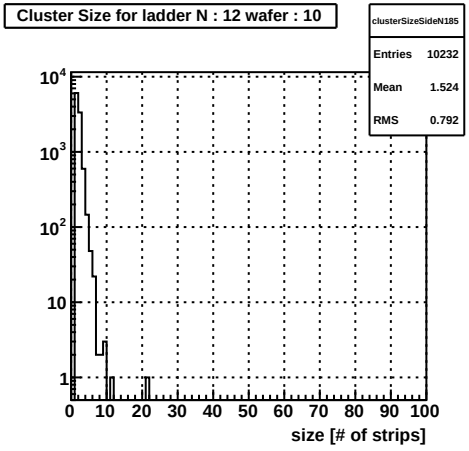

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 9020
Mean 1.487
RMS 0.7451
size [# of strips]

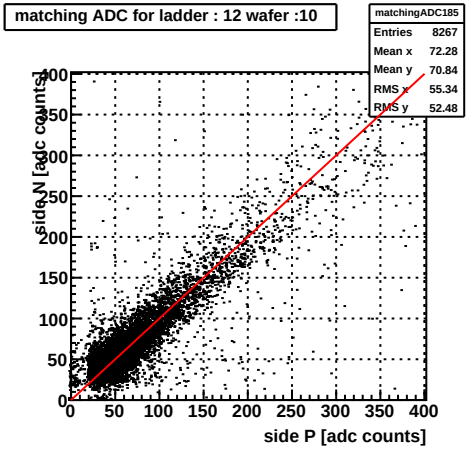

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6848
Mean x 74.74
Mean y 66.27
RMS x 57.86
RMS y 54.11
side N [adc counts]
side P [adc counts]

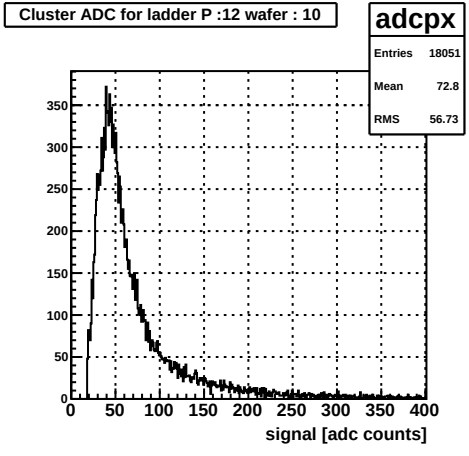

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 23094
Mean 67.11
RMS 56.61
signal [adc counts]

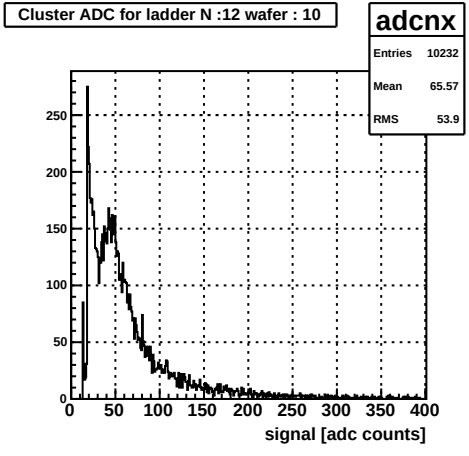

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 9020
Mean 60.78
RMS 54.32
signal [adc counts]

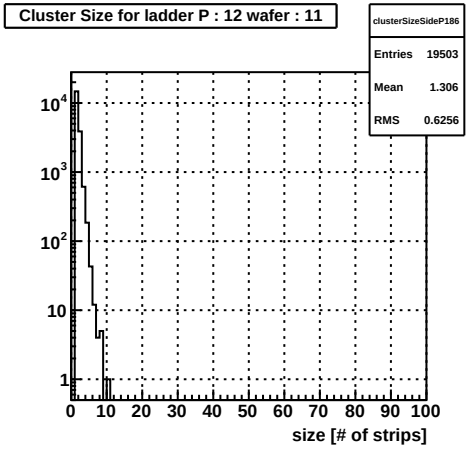

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 18051
Mean 1.3
RMS 0.6112
size [# of strips]

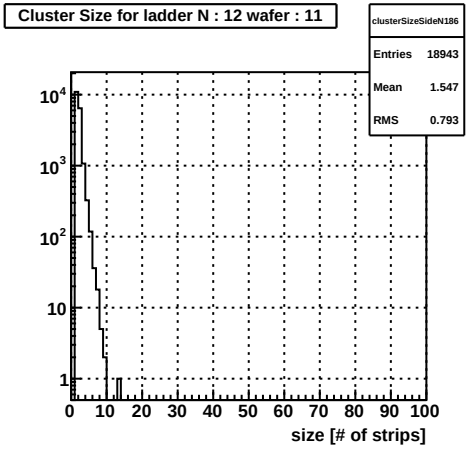

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 10232
Mean 1.524
RMS 0.792
size [# of strips]

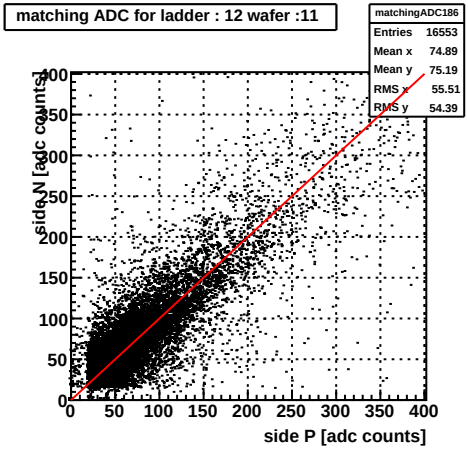

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 8267
Mean x 72.28
Mean y 70.84
RMS x 55.34
RMS y 52.48
side N [adc counts]
side P [adc counts]

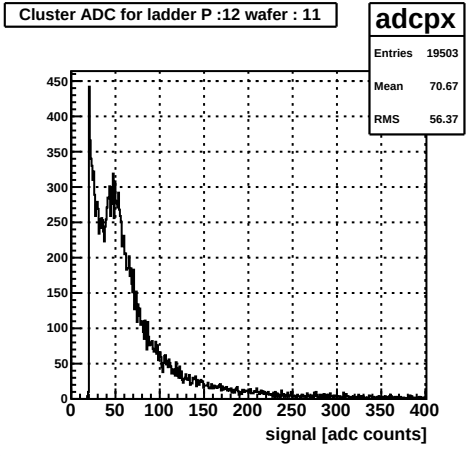

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 18051
Mean 72.8
RMS 56.73
signal [adc counts]

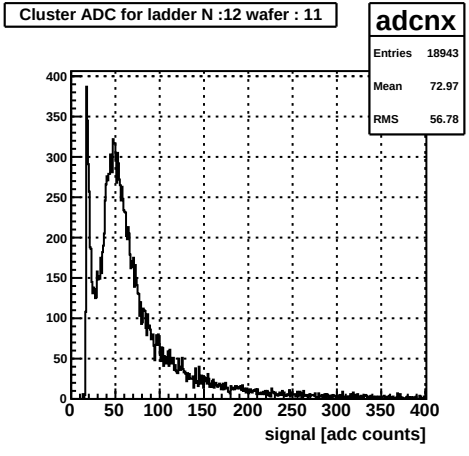

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 10232
Mean 65.57
RMS 53.9
signal [adc counts]

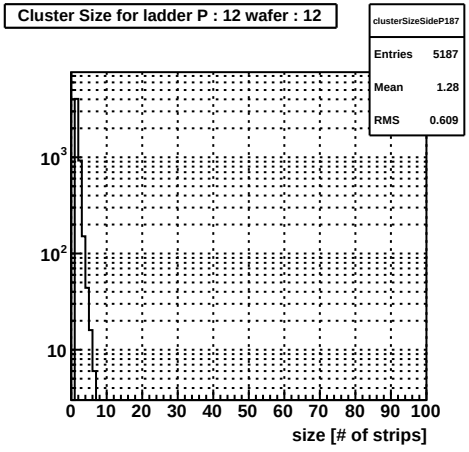

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 19503
Mean 1.306
RMS 0.6256
size [# of strips]

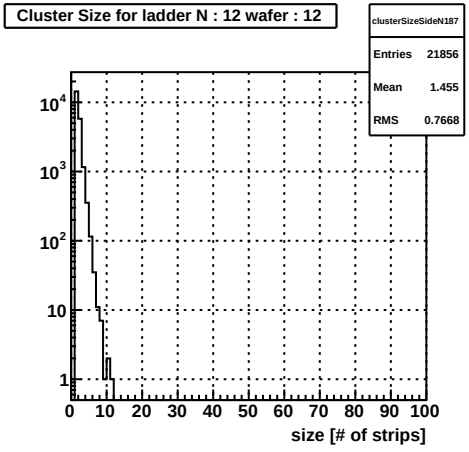

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 18943
Mean 1.547
RMS 0.793
size [# of strips]

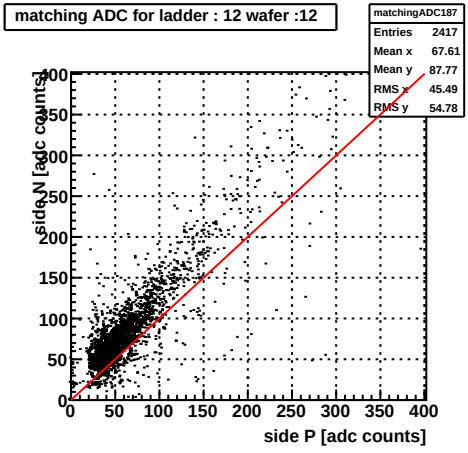

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 16553
Mean x 74.89
Mean y 75.19
RMS x 55.51
RMS y 54.39
side N [adc counts]
side P [adc counts]

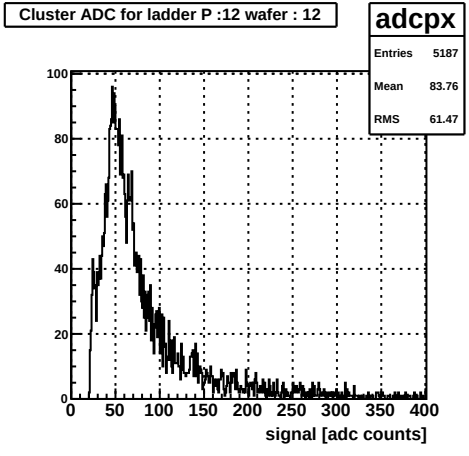

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 19503
Mean 70.67
RMS 56.37
signal [adc counts]

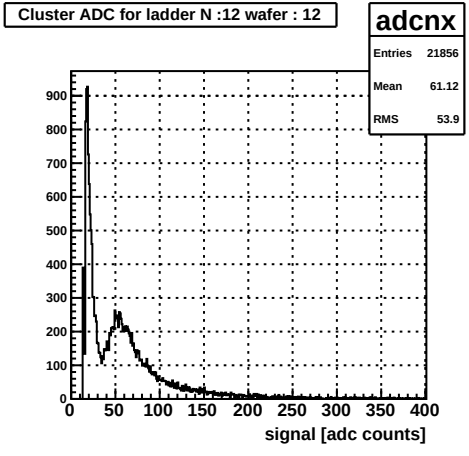

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 18943
Mean 72.97
RMS 56.78
signal [adc counts]

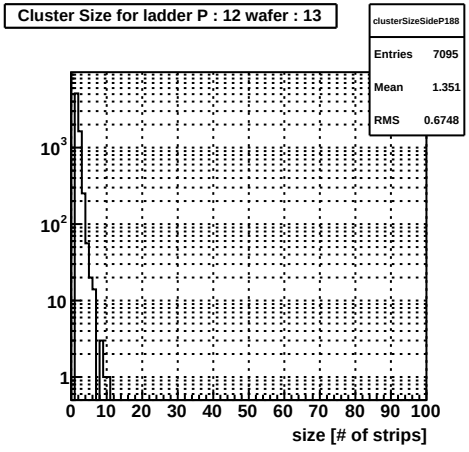

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 5187
Mean 1.28
RMS 0.609
size [# of strips]

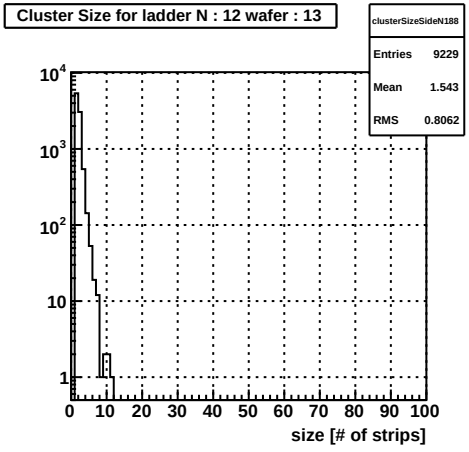

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 21856
Mean 1.455
RMS 0.7668
size [# of strips]

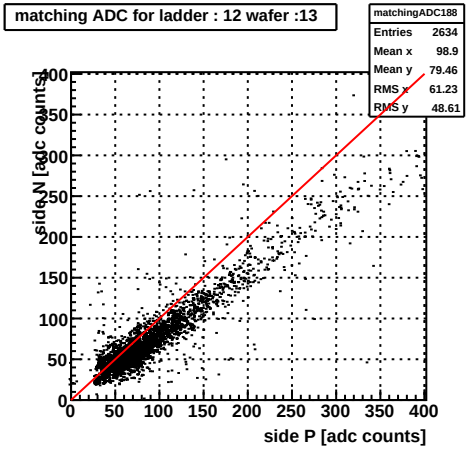

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2417
Mean x 67.61
Mean y 87.77
RMS x 45.49
RMS y 54.78
side N [adc counts]
side P [adc counts]

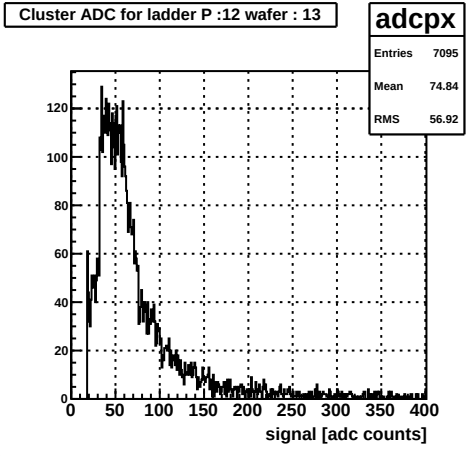

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 5187
Mean 83.76
RMS 61.47
signal [adc counts]

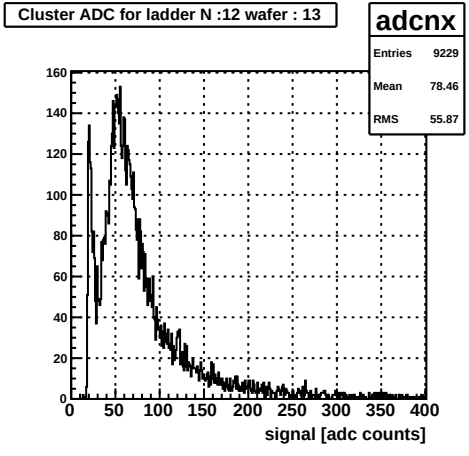

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 21856
Mean 61.12
RMS 53.9
signal [adc counts]

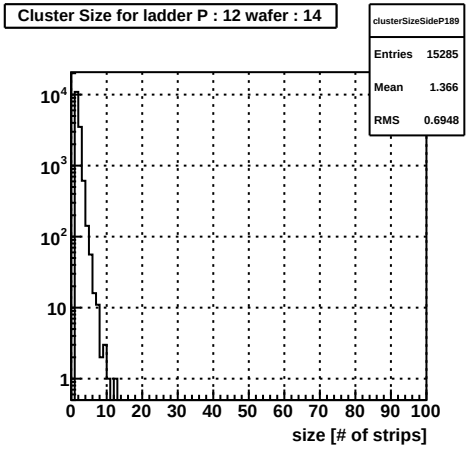

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 7095
Mean 1.351
RMS 0.6748
size [# of strips]

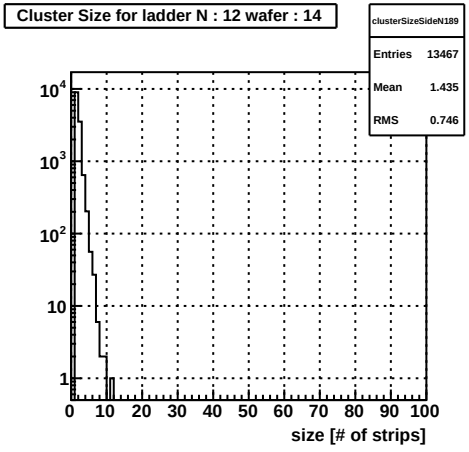

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 9229
Mean 1.543
RMS 0.8062
size [# of strips]

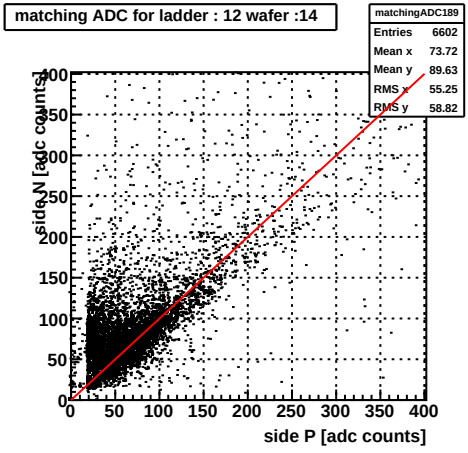

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2634
Mean x 98.9
Mean y 79.46
RMS x 61.23
RMS y 48.61
side N [adc counts]
side P [adc counts]

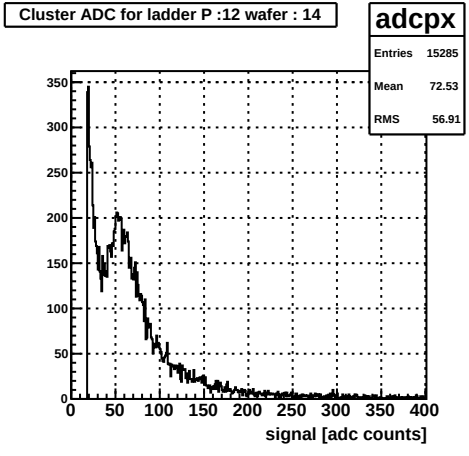

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 7095
Mean 74.84
RMS 56.92
signal [adc counts]

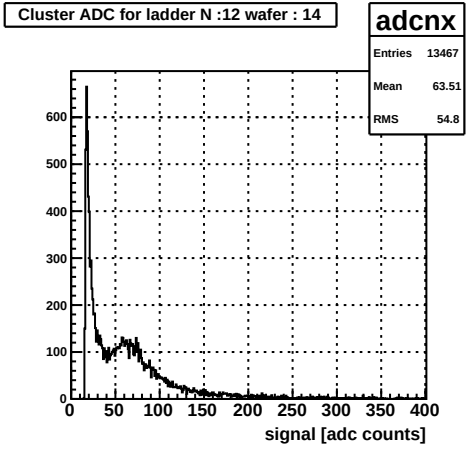

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 9229
Mean 78.46
RMS 55.87
signal [adc counts]

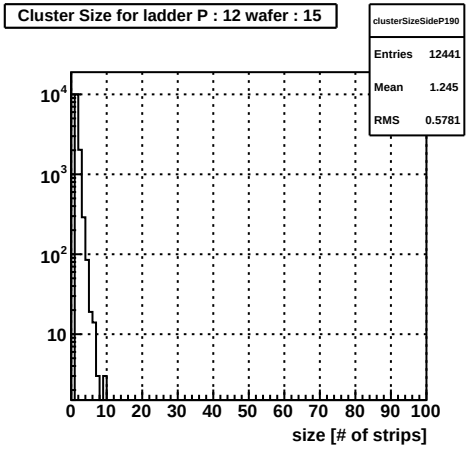

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 15285
Mean 1.366
RMS 0.6948
size [# of strips]

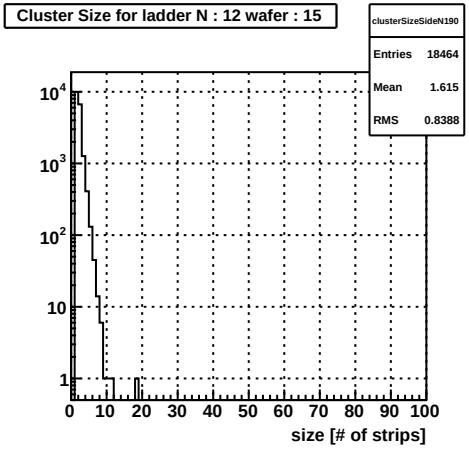

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 13467
Mean 1.435
RMS 0.746
size [# of strips]

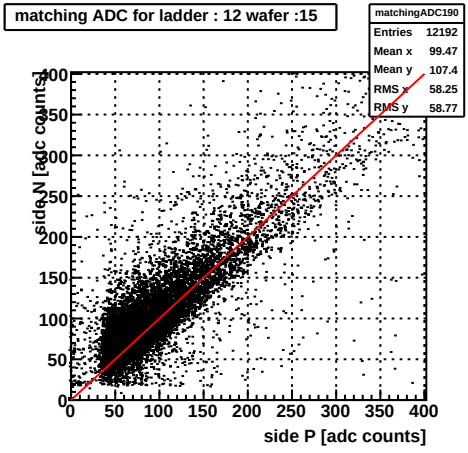

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 6602
Mean x 73.72
Mean y 89.63
RMS x 55.25
RMS y 58.82
side N [adc counts]
side P [adc counts]

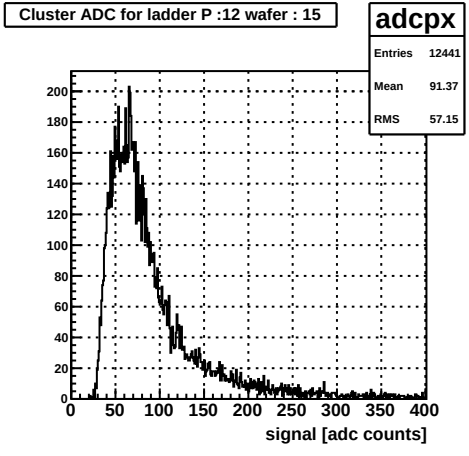

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 15285
Mean 72.53
RMS 56.91
signal [adc counts]

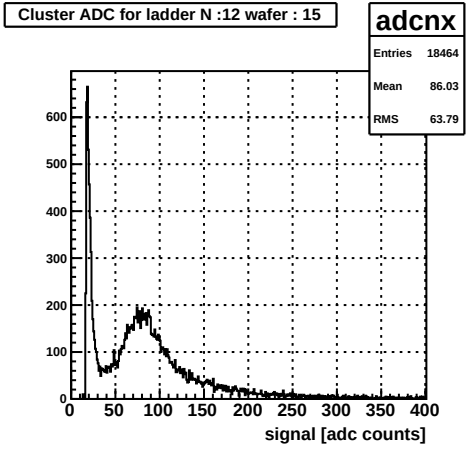

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 13467
Mean 63.51
RMS 54.8
signal [adc counts]

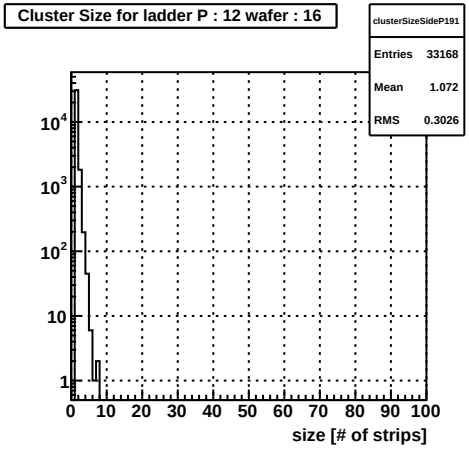

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 12441
Mean 1.245
RMS 0.5781
size [# of strips]

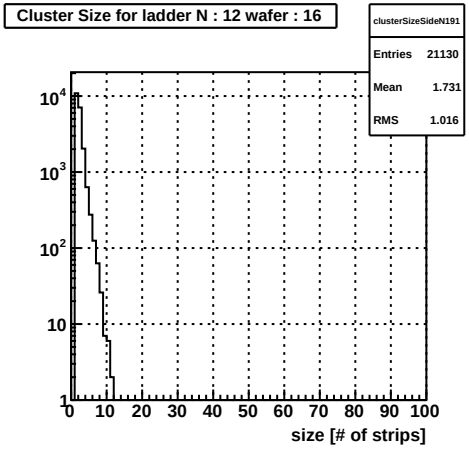

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 18464
Mean 1.615
RMS 0.8388
size [# of strips]

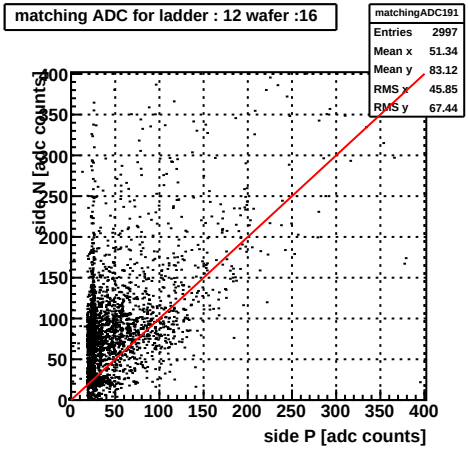

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 12192
Mean x 99.47
Mean y 107.4
RMS x 58.25
RMS y 58.77
side N [adc counts]
side P [adc counts]

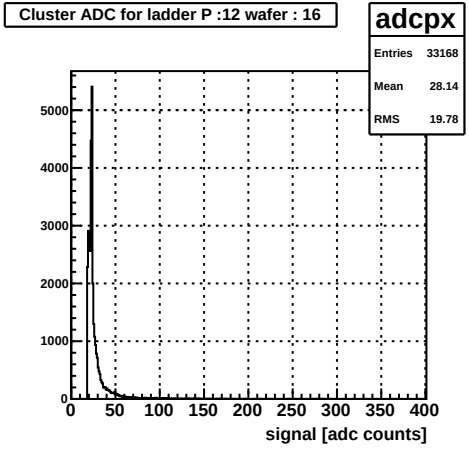

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 12441
Mean 91.37
RMS 57.15
signal [adc counts]

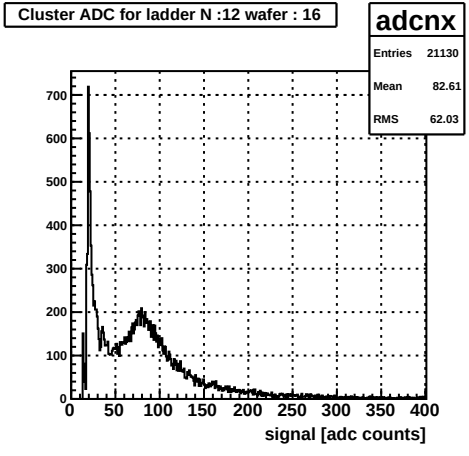

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 18464
Mean 86.03
RMS 63.79
signal [adc counts]

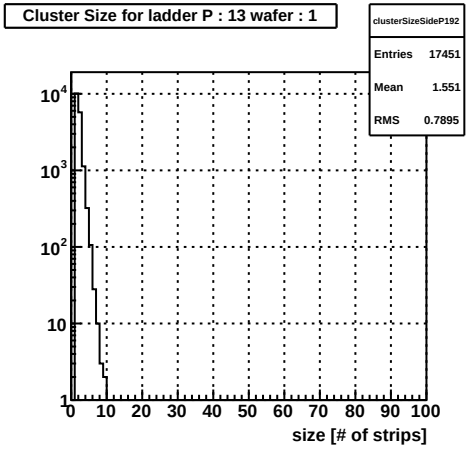

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 33168
Mean 1.072
RMS 0.3026
size [# of strips]

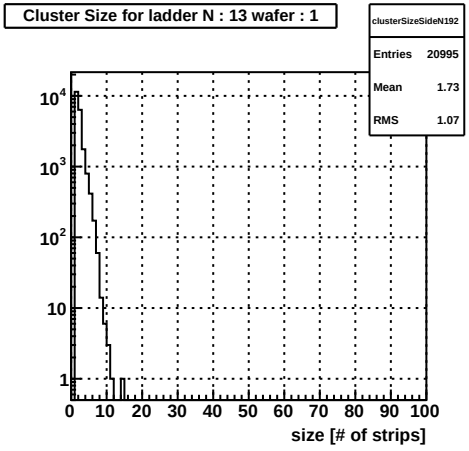

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 21130
Mean 1.731
RMS 1.016
size [# of strips]

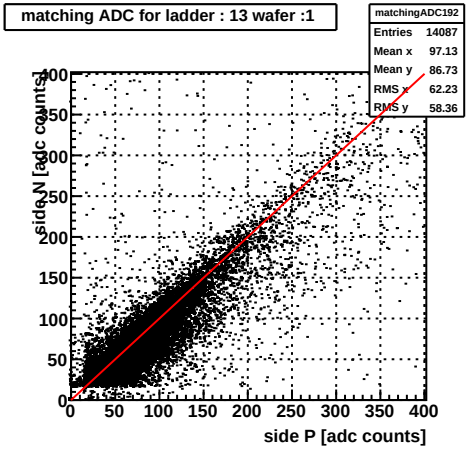

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 2997
Mean x 51.34
Mean y 83.12
RMS x 45.85
RMS y 67.44
side N [adc counts]
side P [adc counts]

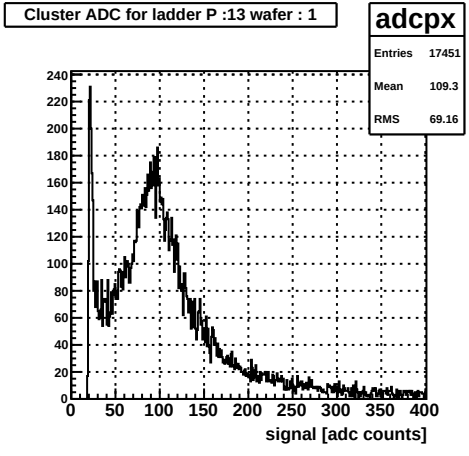

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 33168
Mean 28.14
RMS 19.78
signal [adc counts]

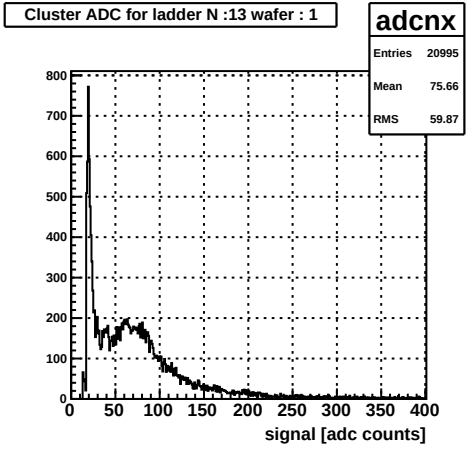

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 21130
Mean 82.61
RMS 62.03
signal [adc counts]

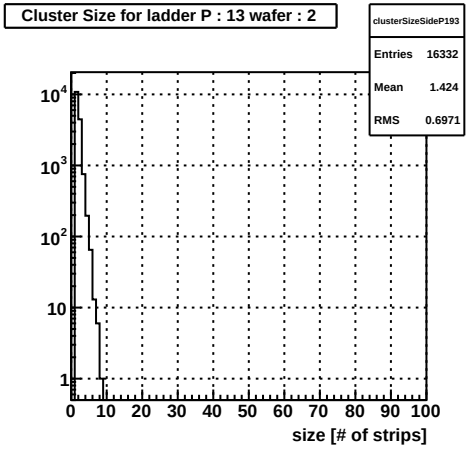

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 17451
Mean 1.551
RMS 0.7895
size [# of strips]

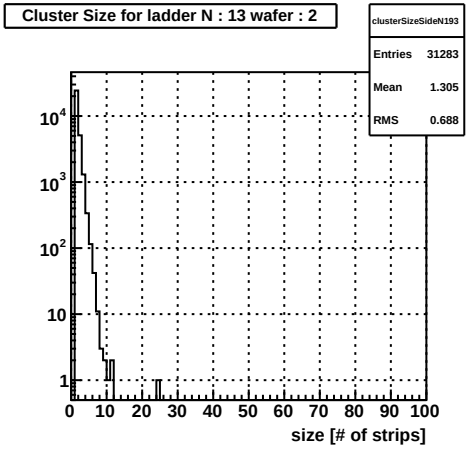

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 20995
Mean 1.73
RMS 1.07
size [# of strips]

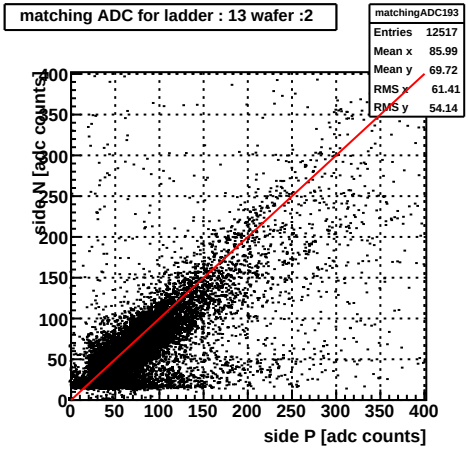

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 14087
Mean x 97.13
Mean y 86.73
RMS x 62.23
RMS y 58.36
side N [adc counts]
side P [adc counts]

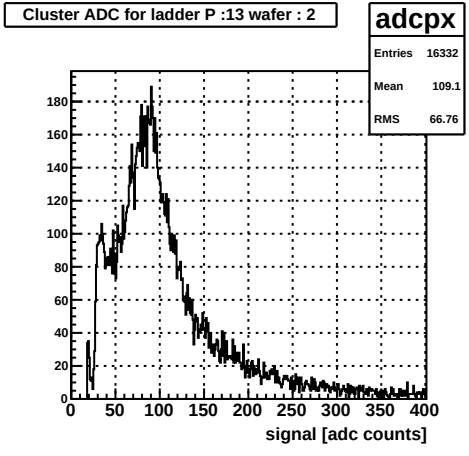

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 17451
Mean 109.3
RMS 69.16
signal [adc counts]

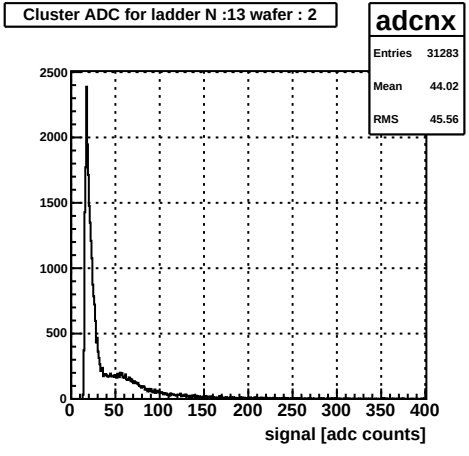

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 20995
Mean 75.66
RMS 59.87
signal [adc counts]

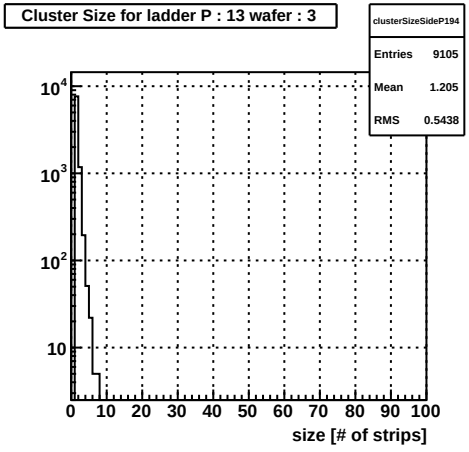

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 16332
Mean 1.424
RMS 0.6971
size [# of strips]

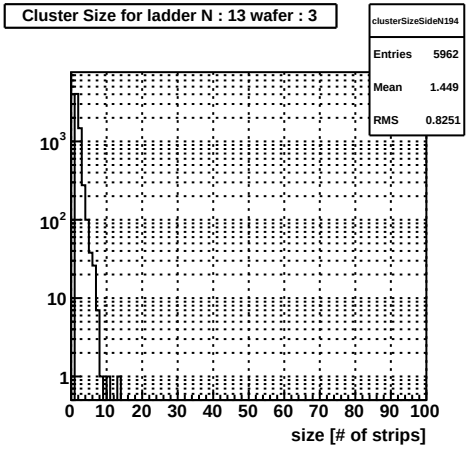

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 31283
Mean 1.305
RMS 0.688
size [# of strips]

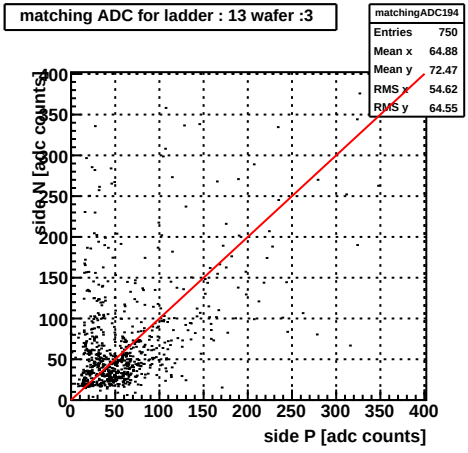

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 12517
Mean x 85.99
Mean y 69.72
RMS x 61.41
RMS y 54.14
side N [adc counts]
side P [adc counts]

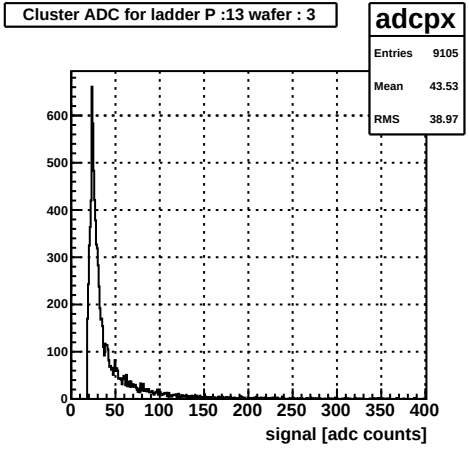

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 16332
Mean 109.1
RMS 66.76
signal [adc counts]

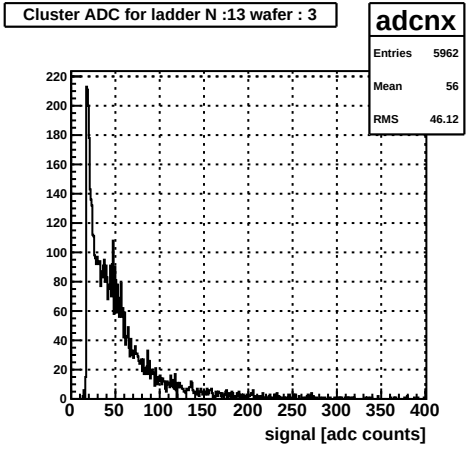

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 31283
Mean 44.02
RMS 45.56
signal [adc counts]

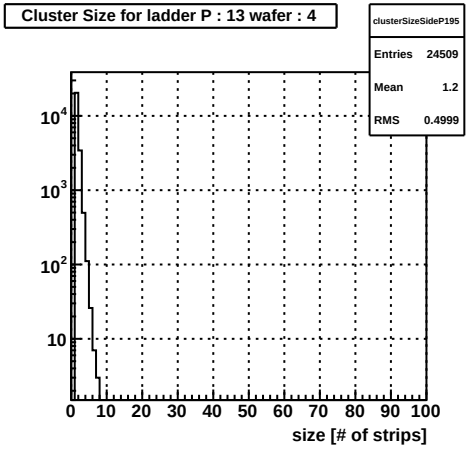

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 9105
Mean 1.205
RMS 0.5438
size [# of strips]

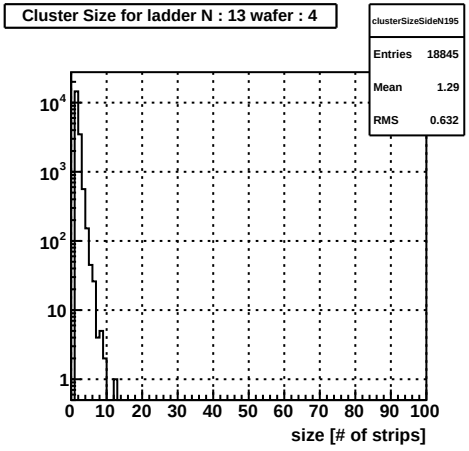

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5962
Mean 1.449
RMS 0.8251
size [# of strips]

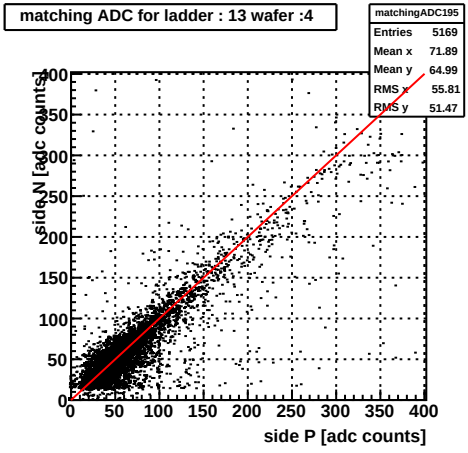

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 750
Mean x 64.88
Mean y 72.47
RMS x 54.62
RMS y 64.55
side N [adc counts]
side P [adc counts]

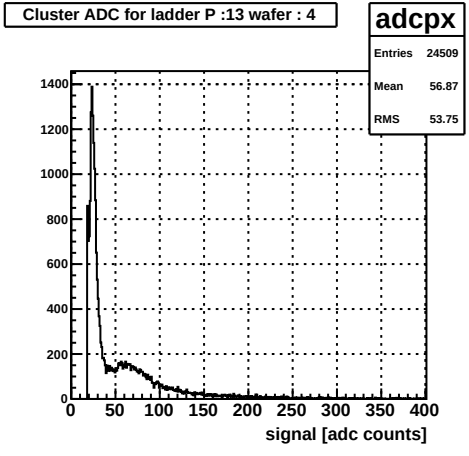

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 9105
Mean 43.53
RMS 38.97
signal [adc counts]

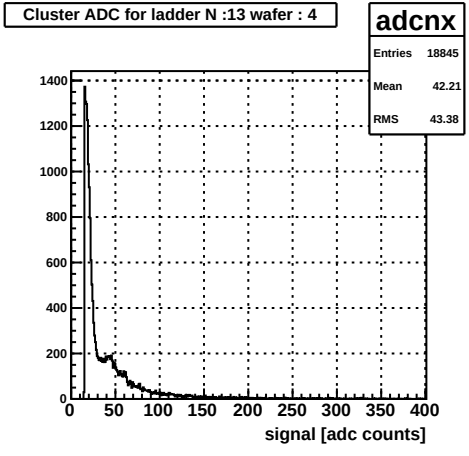

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5962
Mean 56
RMS 46.12
signal [adc counts]

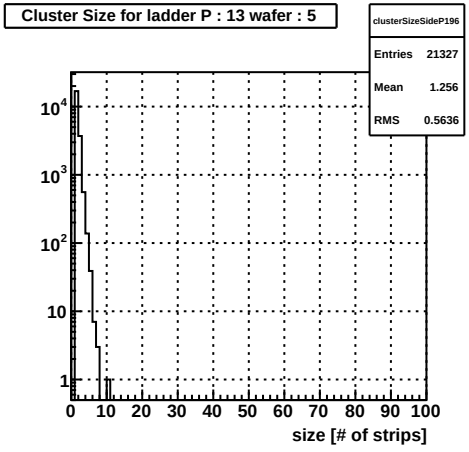

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 24509
Mean 1.2
RMS 0.4999
size [# of strips]

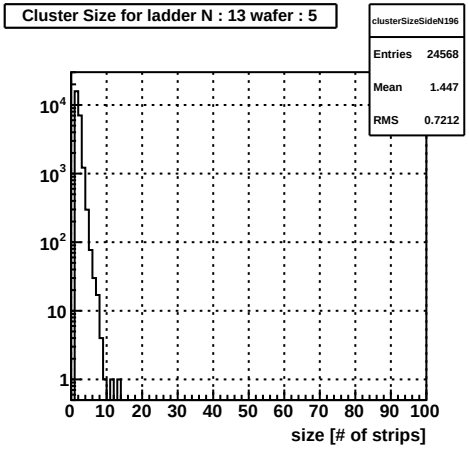

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 18845
Mean 1.29
RMS 0.632
size [# of strips]

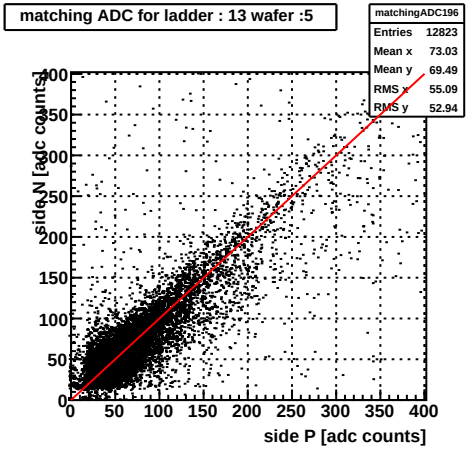

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 5169
Mean x 71.89
Mean y 64.99
RMS x 55.81
RMS y 51.47
side N [adc counts]
side P [adc counts]

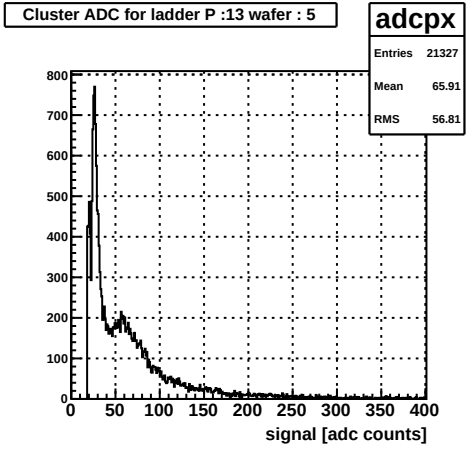

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 24509
Mean 56.87
RMS 53.75
signal [adc counts]

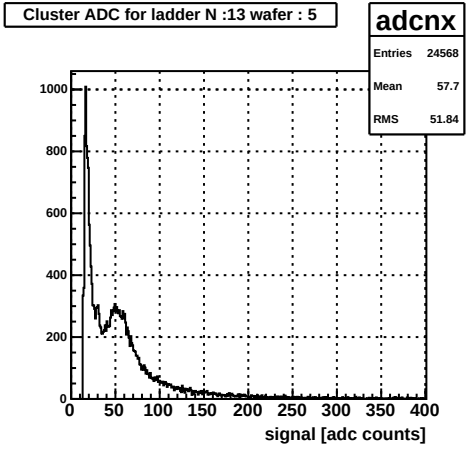

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 18845
Mean 42.21
RMS 43.38
signal [adc counts]

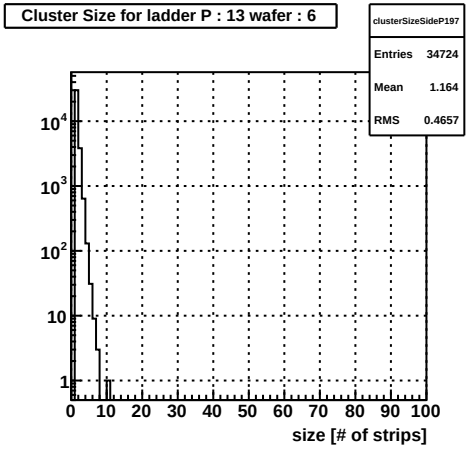

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 21327
Mean 1.256
RMS 0.5636
size [# of strips]

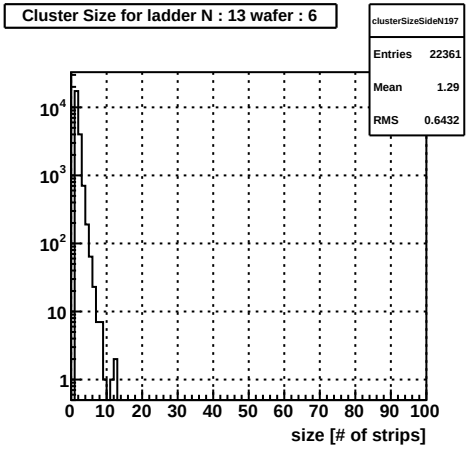

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 24568
Mean 1.447
RMS 0.7212
size [# of strips]

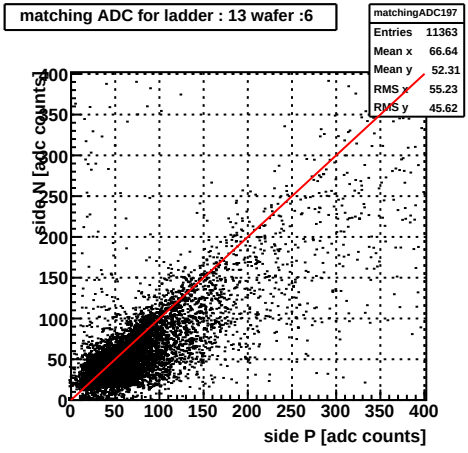

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 12823
Mean x 73.03
Mean y 69.49
RMS x 55.09
RMS y 52.94
side N [adc counts]
side P [adc counts]

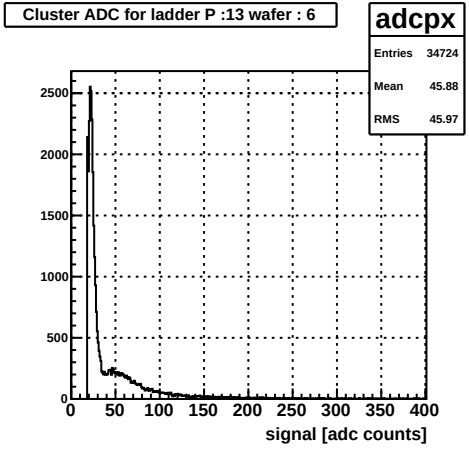

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 21327
Mean 65.91
RMS 56.81
signal [adc counts]

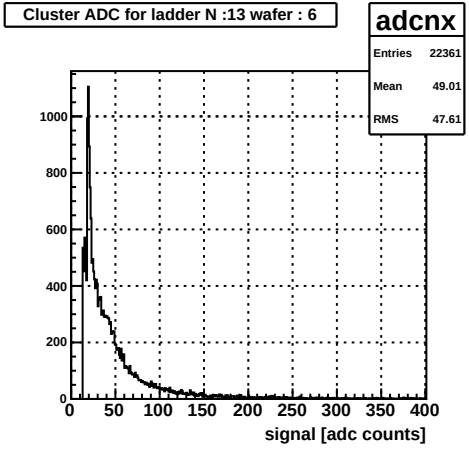

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 24568
Mean 57.7
RMS 51.84
signal [adc counts]

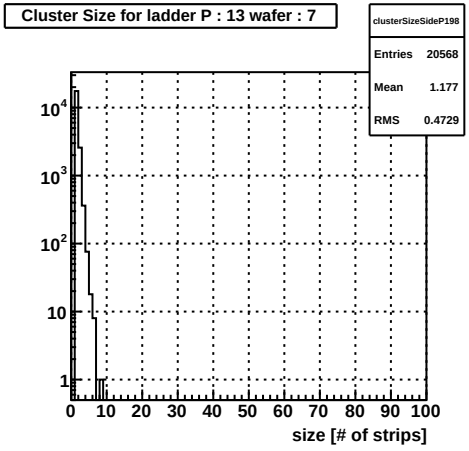

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 34724
Mean 1.164
RMS 0.4657
size [# of strips]

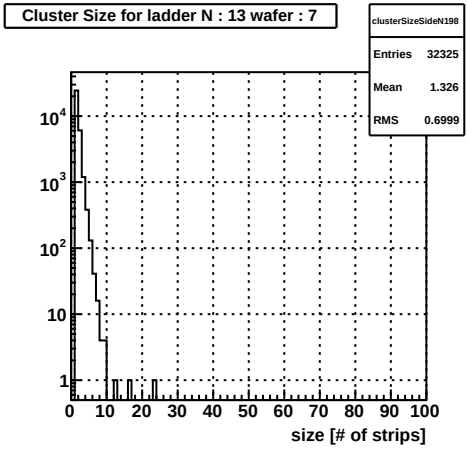

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 22361
Mean 1.29
RMS 0.6432
size [# of strips]

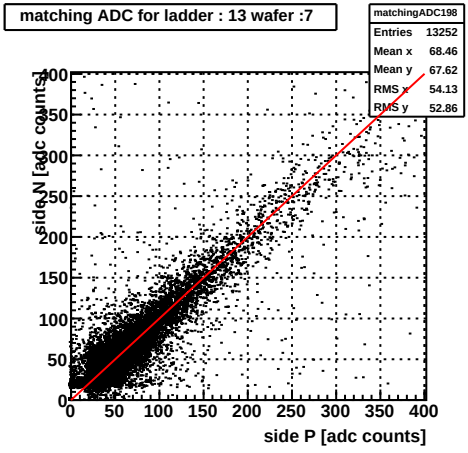

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 11363
Mean x 66.64
Mean y 52.31
RMS x 55.23
RMS y 45.62
side N [adc counts]
side P [adc counts]

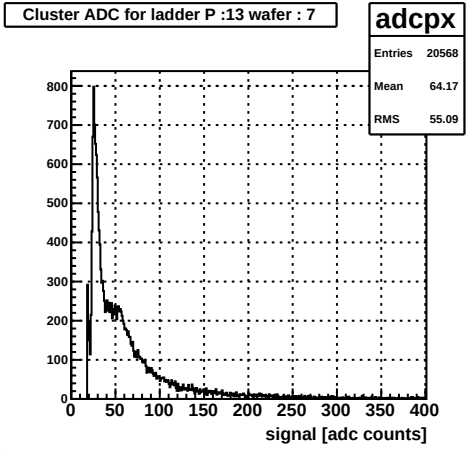

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 34724
Mean 45.88
RMS 45.97
signal [adc counts]

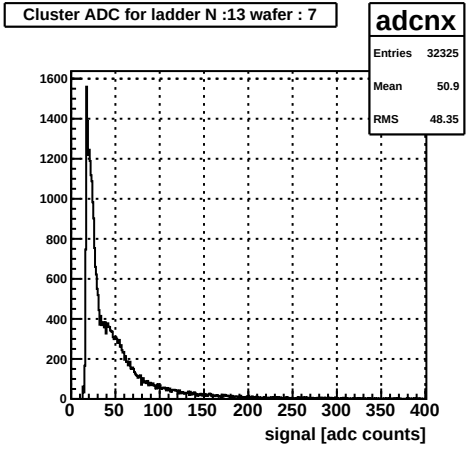

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 22361
Mean 49.01
RMS 47.61
signal [adc counts]

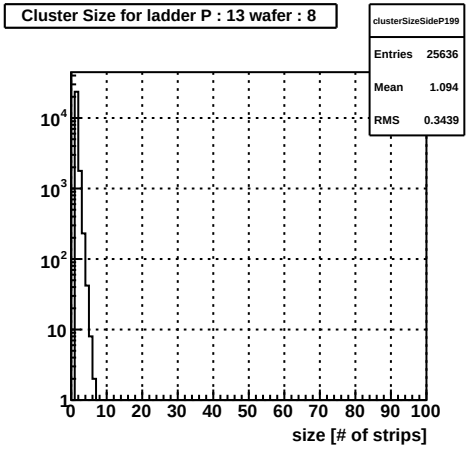

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 20568
Mean 1.177
RMS 0.4729
size [# of strips]

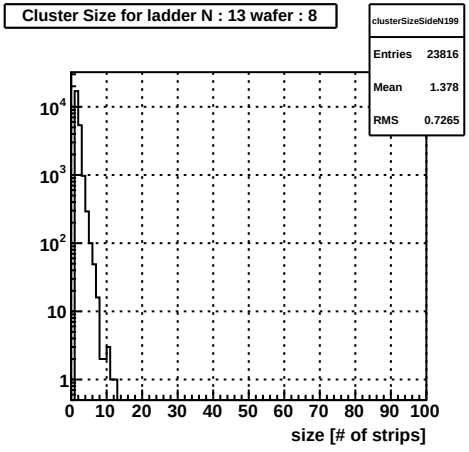

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 32325
Mean 1.326
RMS 0.6999
size [# of strips]

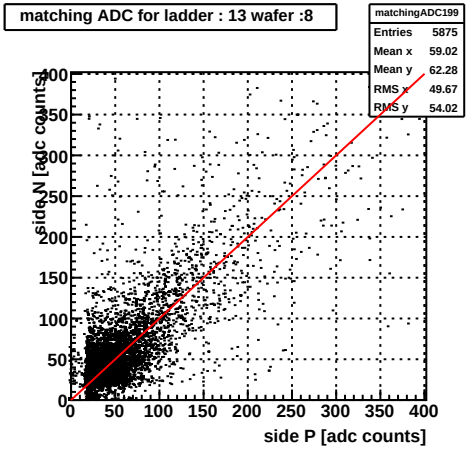

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 13252
Mean x 68.46
Mean y 67.62
RMS x 54.13
RMS y 52.86
side N [adc counts]
side P [adc counts]

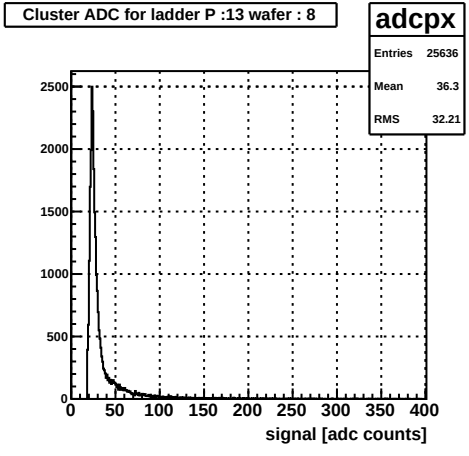

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 20568
Mean 64.17
RMS 55.09
signal [adc counts]

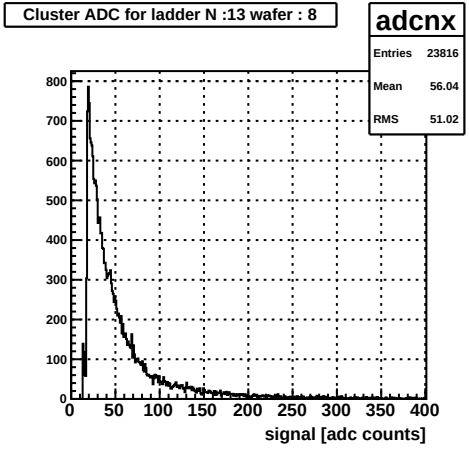

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 32325
Mean 50.9
RMS 48.35
signal [adc counts]

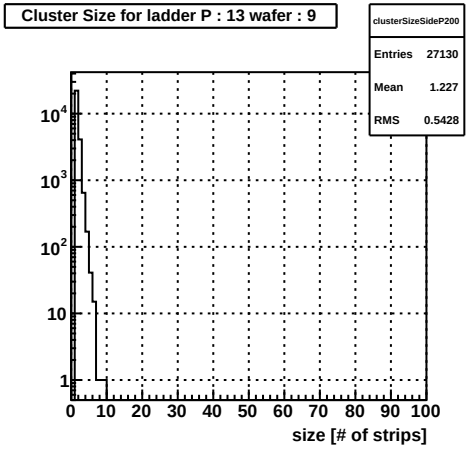

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 25636
Mean 1.094
RMS 0.3439
size [# of strips]

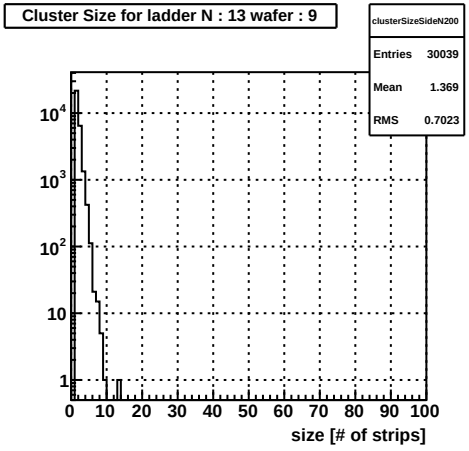

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 23816
Mean 1.378
RMS 0.7265
size [# of strips]

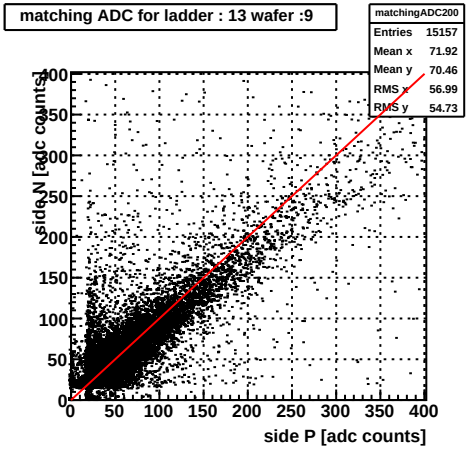

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 5875
Mean x 59.02
Mean y 62.28
RMS x 49.67
RMS y 54.02
side N [adc counts]
side P [adc counts]

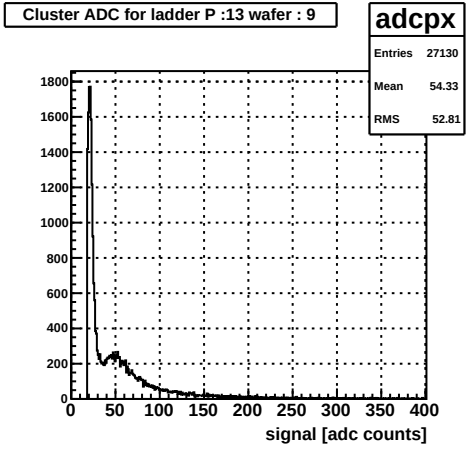

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 25636
Mean 36.3
RMS 32.21
signal [adc counts]

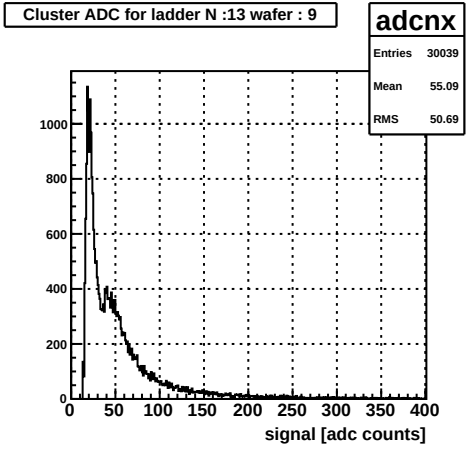

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 23816
Mean 56.04
RMS 51.02
signal [adc counts]

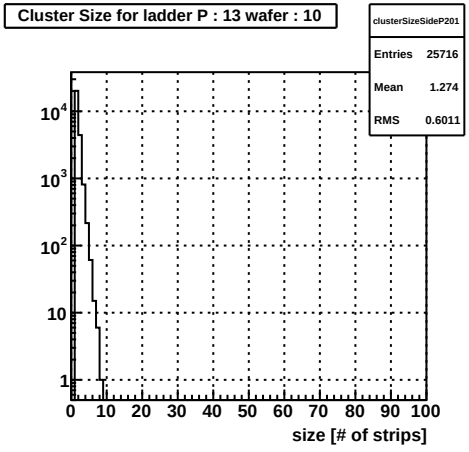

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 27130
Mean 1.227
RMS 0.5428
size [# of strips]

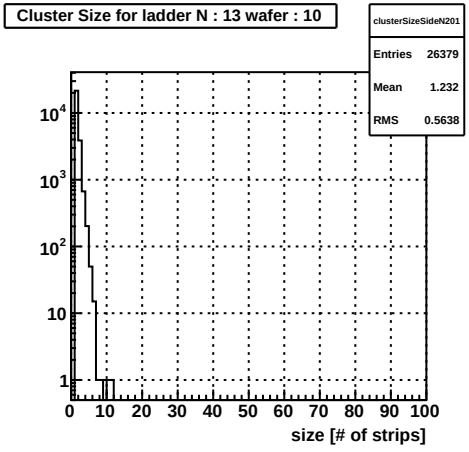

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 30039
Mean 1.369
RMS 0.7023
size [# of strips]

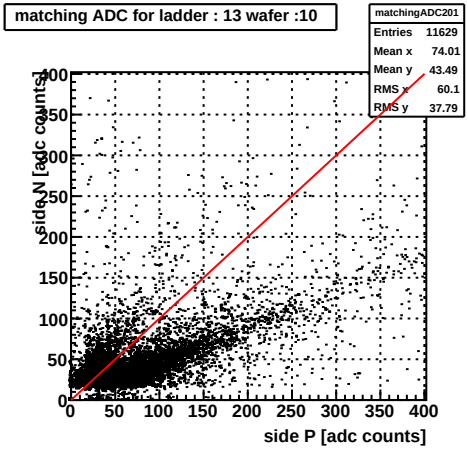

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 15157
Mean x 71.92
Mean y 70.46
RMS x 56.99
RMS y 54.73
side N [adc counts]
side P [adc counts]

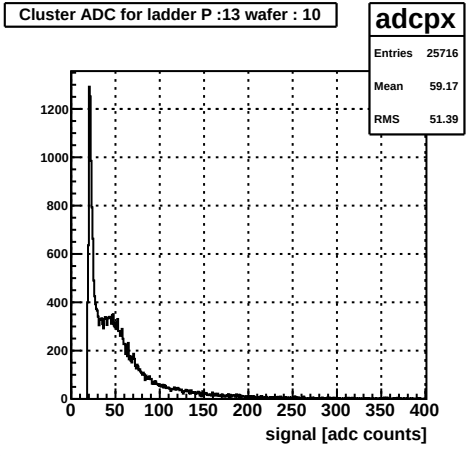

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 27130
Mean 54.33
RMS 52.81
signal [adc counts]

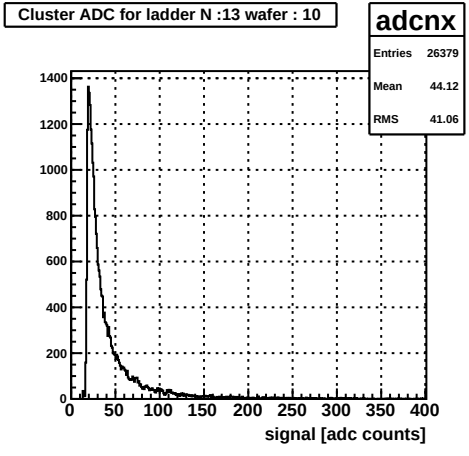

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 30039
Mean 55.09
RMS 50.69
signal [adc counts]

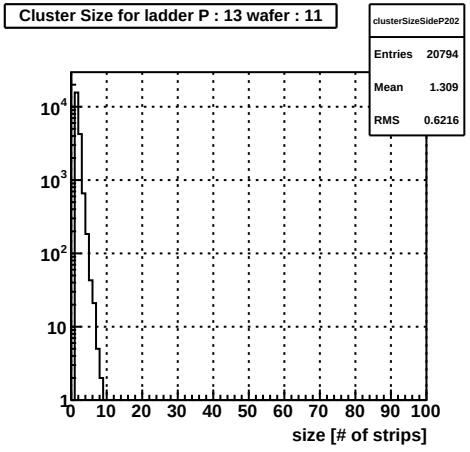

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 25716
Mean 1.274
RMS 0.6011
size [# of strips]

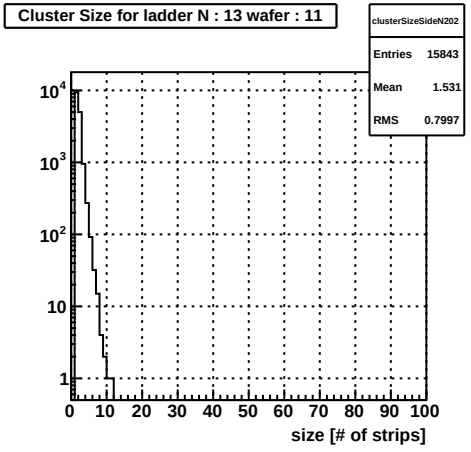

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 26379
Mean 1.232
RMS 0.5638
size [# of strips]

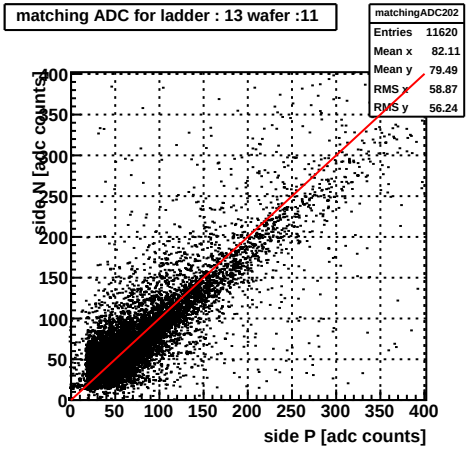

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 11629
Mean x 74.01
Mean y 43.49
RMS x 60.1
RMS y 37.79
side N [adc counts]
side P [adc counts]

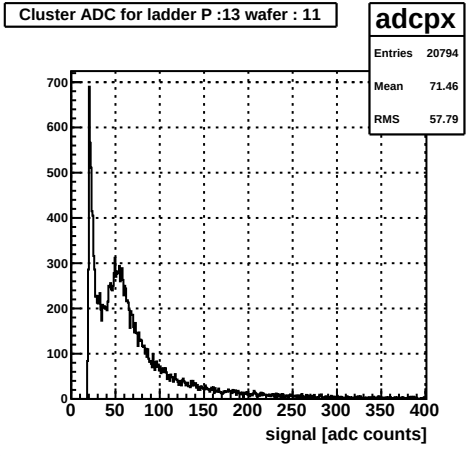

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 25716
Mean 59.17
RMS 51.39
signal [adc counts]

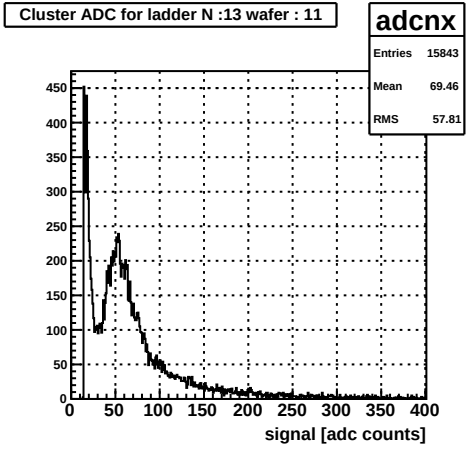

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 26379
Mean 44.12
RMS 41.06
signal [adc counts]

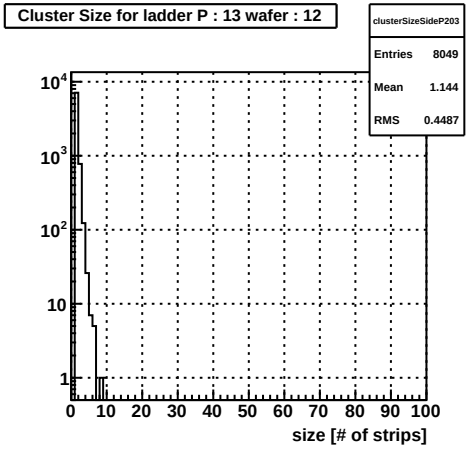

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 20794
Mean 1.309
RMS 0.6216
size [# of strips]

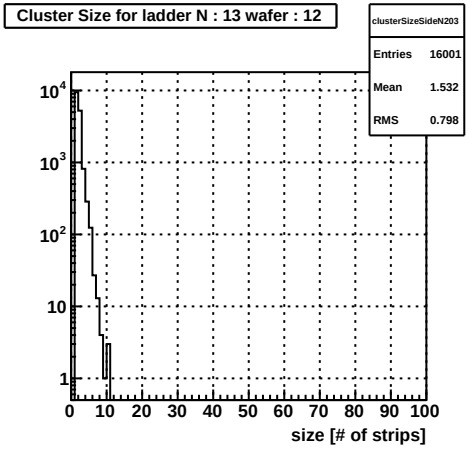

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 15843
Mean 1.531
RMS 0.7997
size [# of strips]

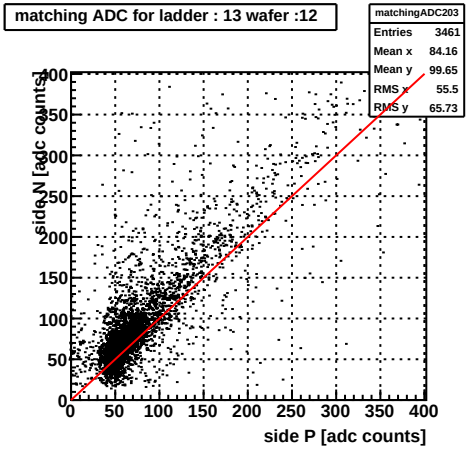

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 11620
Mean x 82.11
Mean y 79.49
RMS x 58.87
RMS y 56.24
side N [adc counts]
side P [adc counts]

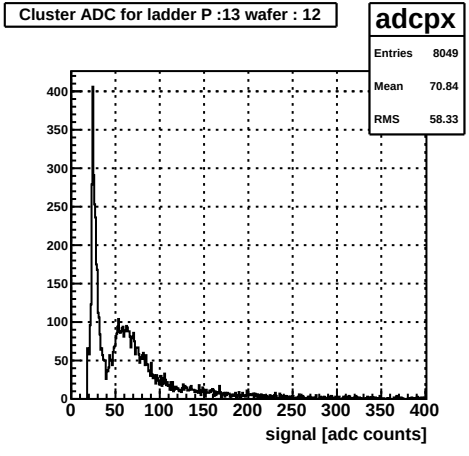

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 20794
Mean 71.46
RMS 57.79
signal [adc counts]

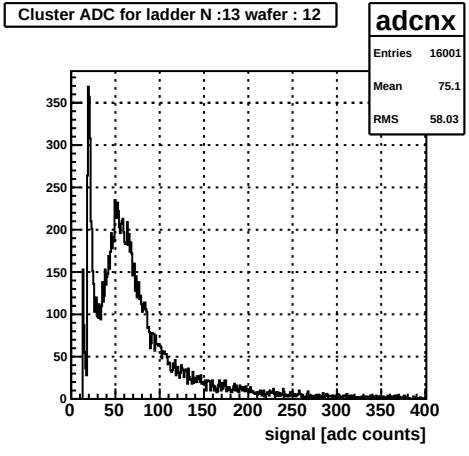

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 15843
Mean 69.46
RMS 57.81
signal [adc counts]

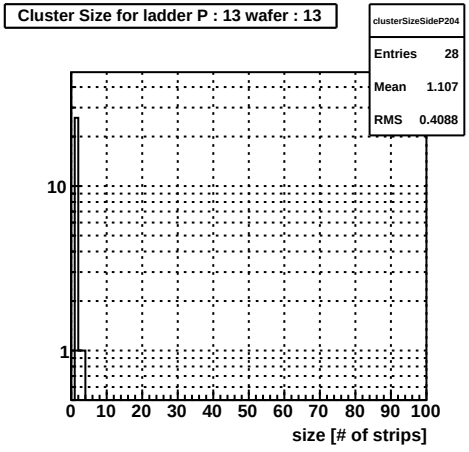

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 8049
Mean 1.144
RMS 0.4487
size [# of strips]

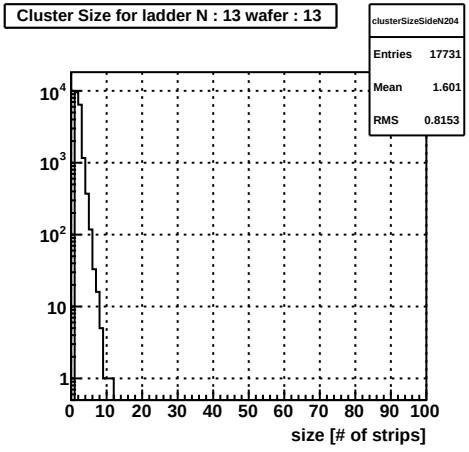

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 16001
Mean 1.532
RMS 0.798
size [# of strips]

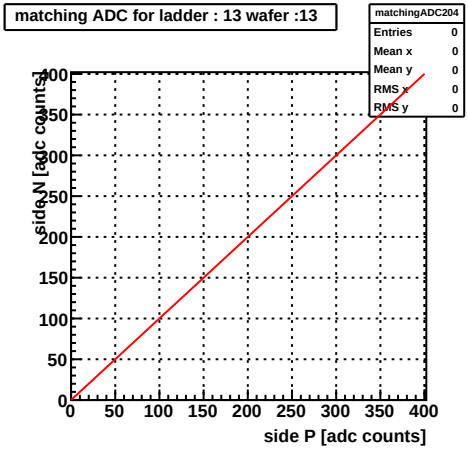

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 3461
Mean x 84.16
Mean y 99.65
RMS x 55.5
RMS y 65.73
side N [adc counts]
side P [adc counts]

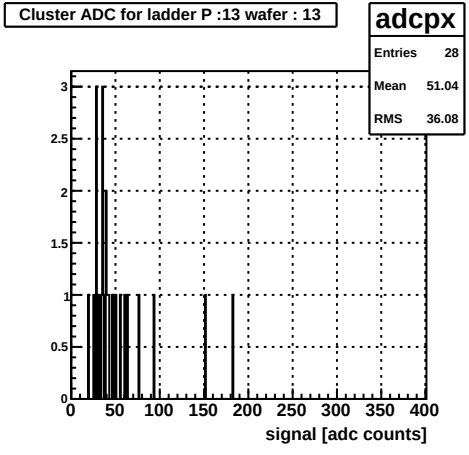

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 8049
Mean 70.84
RMS 58.33
signal [adc counts]

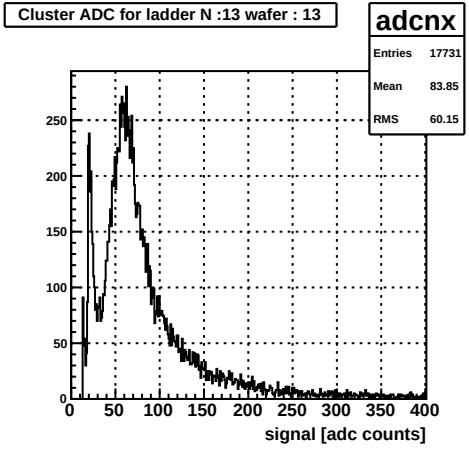

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 16001
Mean 75.1
RMS 58.03
signal [adc counts]

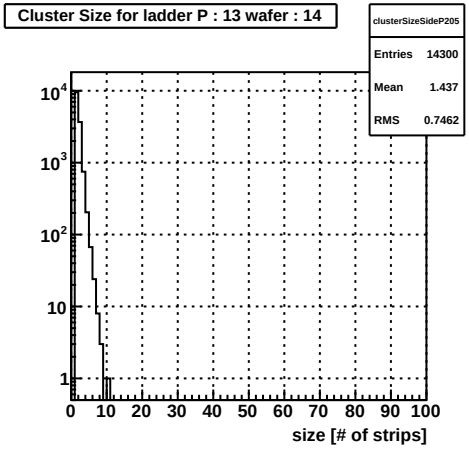

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 28
Mean 1.107
RMS 0.4088
size [# of strips]

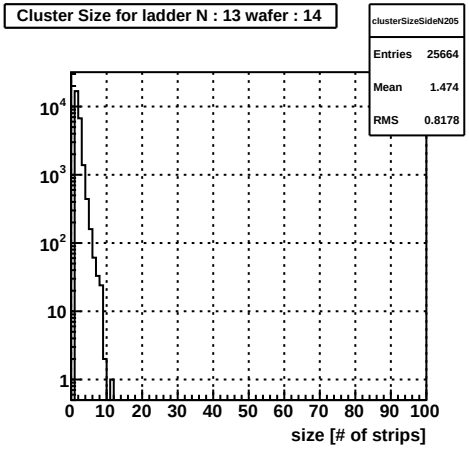

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 17731
Mean 1.601
RMS 0.8153
size [# of strips]

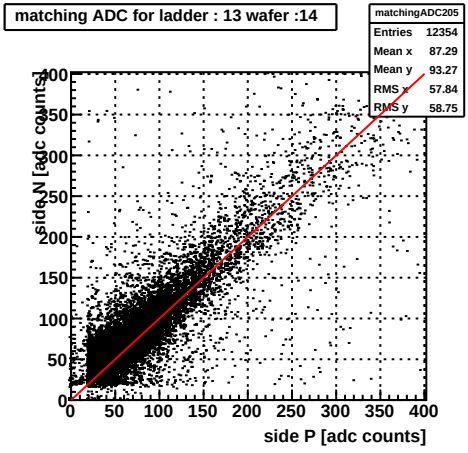

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

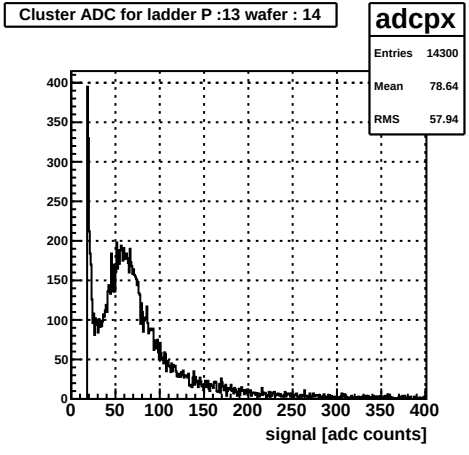

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 28
Mean 51.04
RMS 36.08
signal [adc counts]

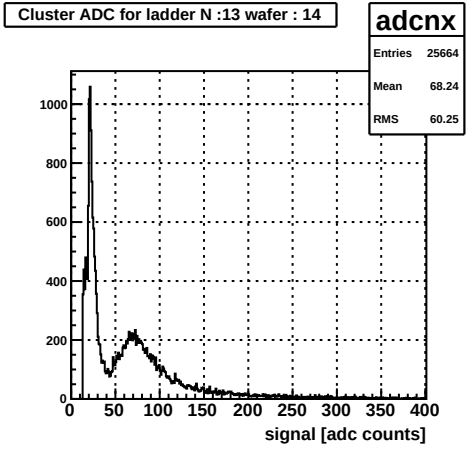

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 17731
Mean 83.85
RMS 60.15
signal [adc counts]

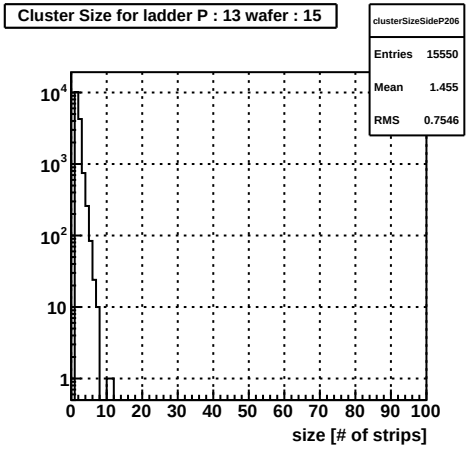

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 14300
Mean 1.437
RMS 0.7462
size [# of strips]

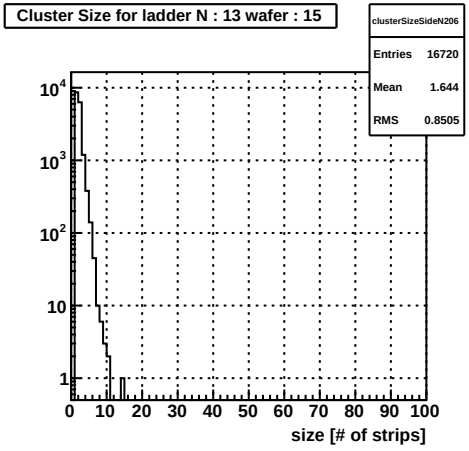

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 25664
Mean 1.474
RMS 0.8178
size [# of strips]

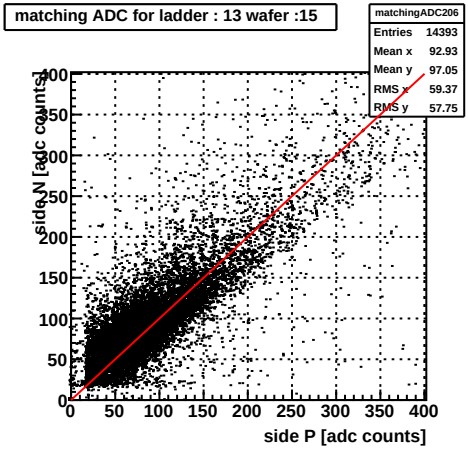

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 12354
Mean x 87.29
Mean y 93.27
RMS x 57.84
RMS y 58.75
side N [adc counts]
side P [adc counts]

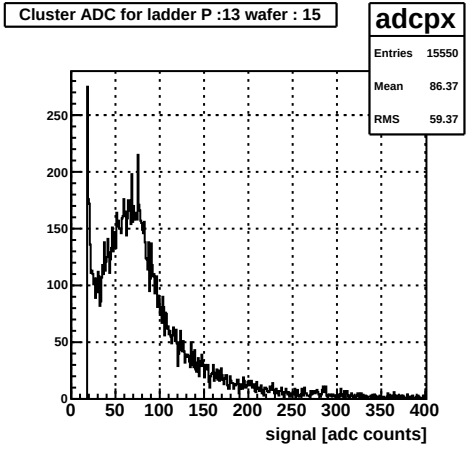

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 14300
Mean 78.64
RMS 57.94
signal [adc counts]

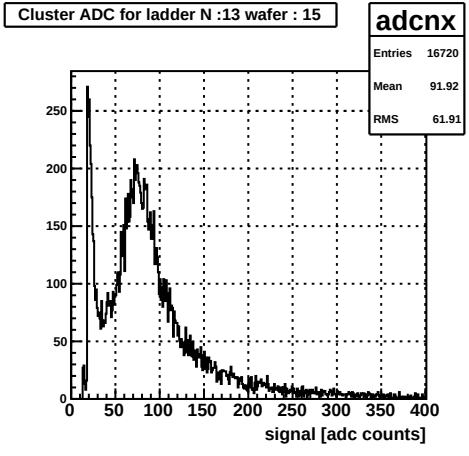

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 25664
Mean 68.24
RMS 60.25
signal [adc counts]

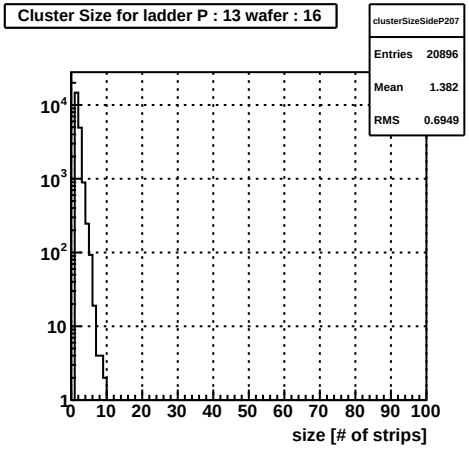

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 15550
Mean 1.455
RMS 0.7546
size [# of strips]

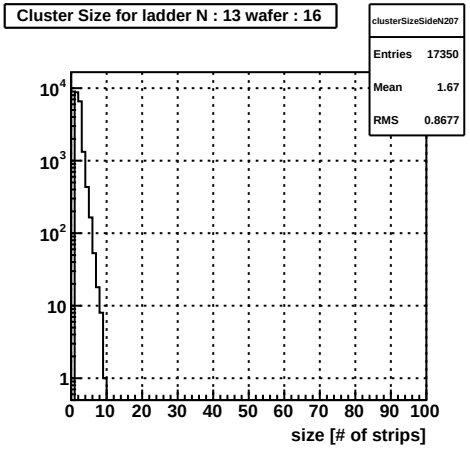

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 16720
Mean 1.644
RMS 0.8505
size [# of strips]

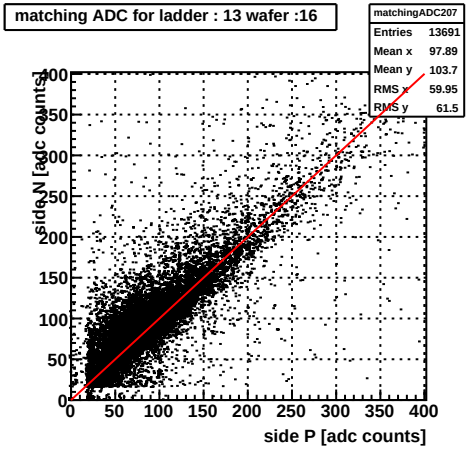

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 14393
Mean x 92.93
Mean y 97.05
RMS x 59.37
RMS y 57.75
side N [adc counts]
side P [adc counts]

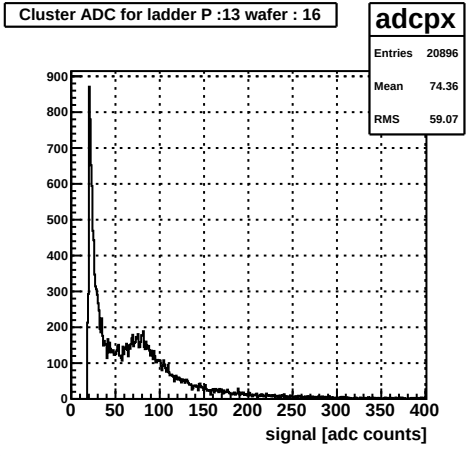

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 15550
Mean 86.37
RMS 59.37
signal [adc counts]

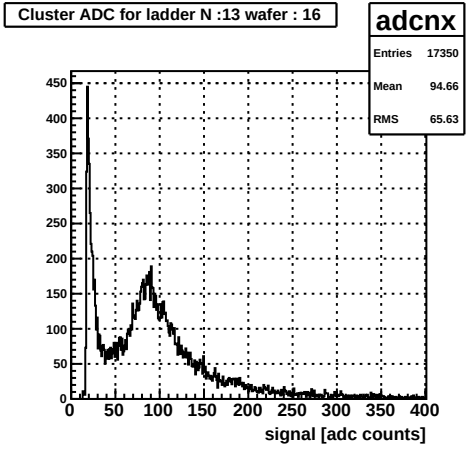

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 16720
Mean 91.92
RMS 61.91
signal [adc counts]

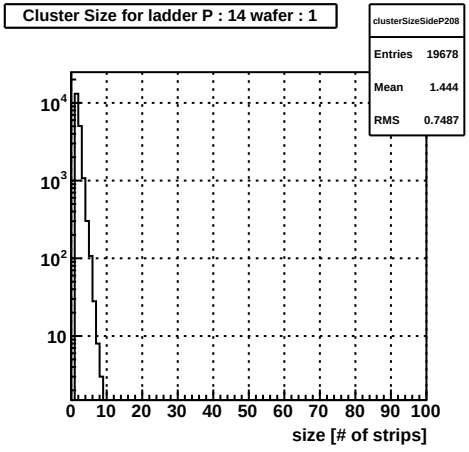

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 20896
Mean 1.382
RMS 0.6949
size [# of strips]

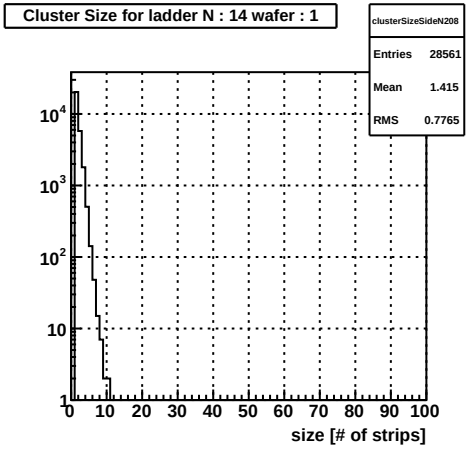

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 17350
Mean 1.67
RMS 0.8677
size [# of strips]

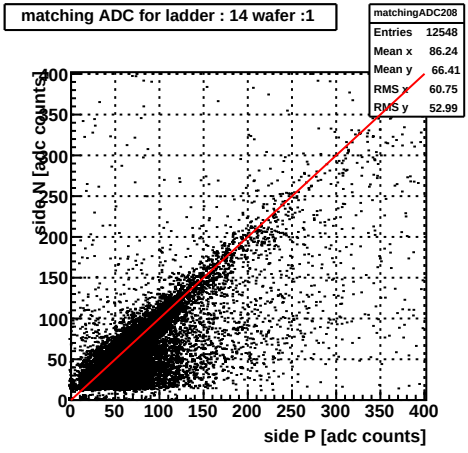

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 13691
Mean x 97.89
Mean y 103.7
RMS x 59.95
RMS y 61.5
side N [adc counts]
side P [adc counts]

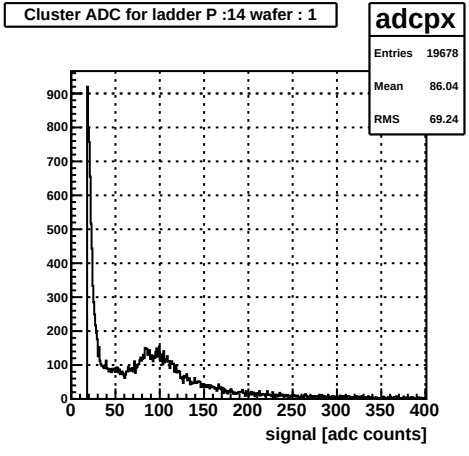

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 20896
Mean 74.36
RMS 59.07
signal [adc counts]

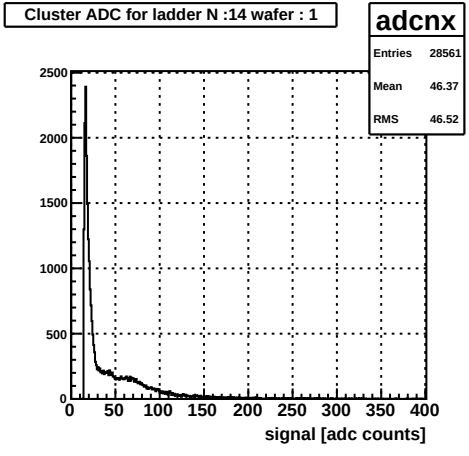

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 17350
Mean 94.66
RMS 65.63
signal [adc counts]

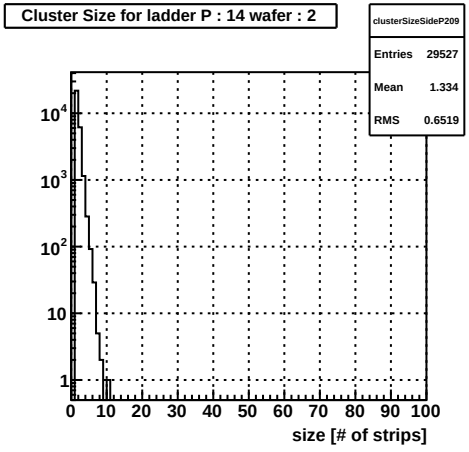

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 19678
Mean 1.444
RMS 0.7487
size [# of strips]

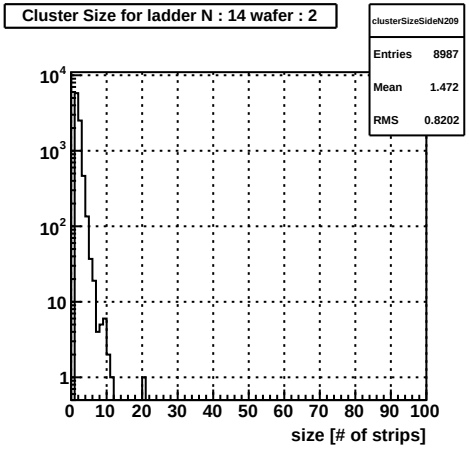

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 28561
Mean 1.415
RMS 0.7765
size [# of strips]

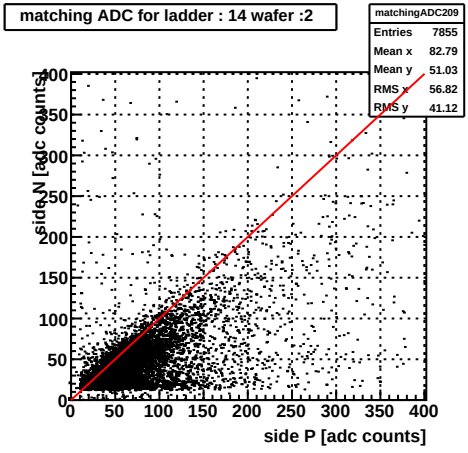

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 12548
Mean x 86.24
Mean y 66.41
RMS x 60.75
RMS y 52.99
side N [adc counts]
side P [adc counts]

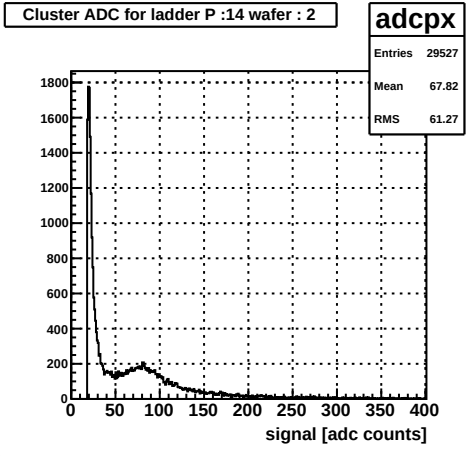

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 19678
Mean 86.04
RMS 69.24
signal [adc counts]

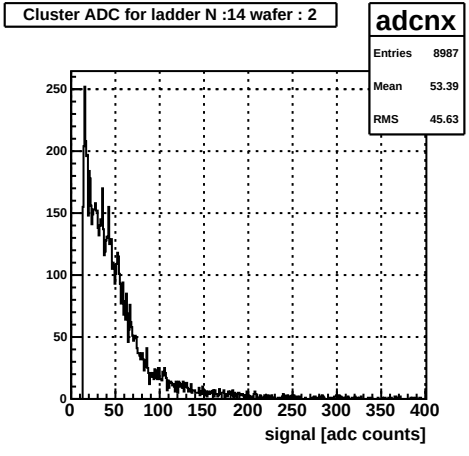

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 28561
Mean 46.37
RMS 46.52
signal [adc counts]

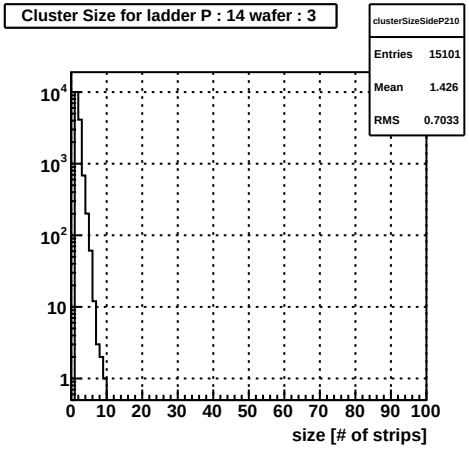

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 29527
Mean 1.334
RMS 0.6519
size [# of strips]

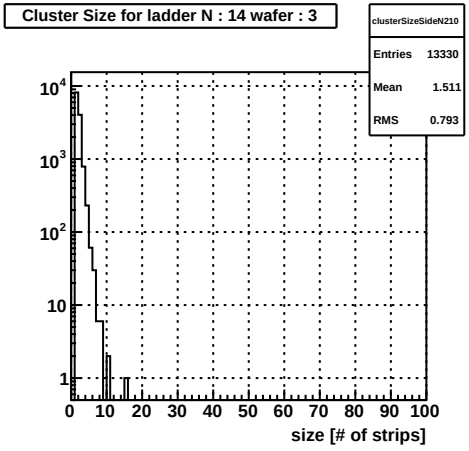

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 8987
Mean 1.472
RMS 0.8202
size [# of strips]

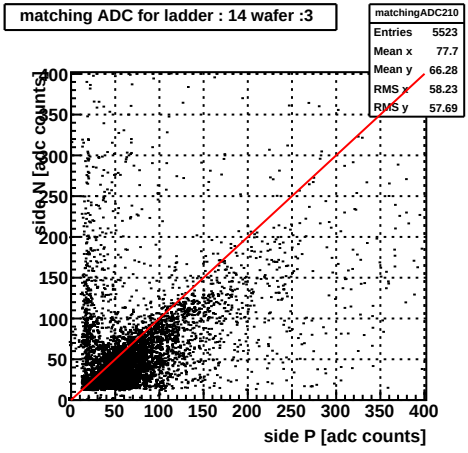

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 7855
Mean x 82.79
Mean y 51.03
RMS x 56.82
RMS y 41.12
side N [adc counts]
side P [adc counts]

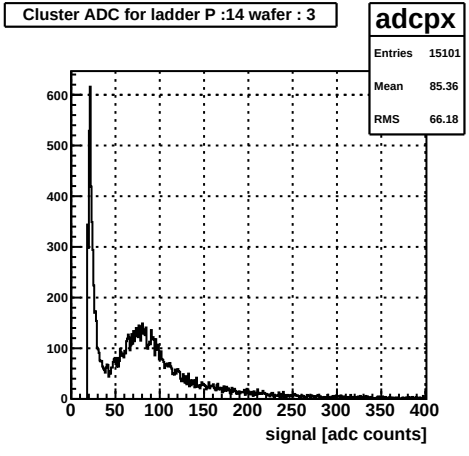

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 29527
Mean 67.82
RMS 61.27
signal [adc counts]

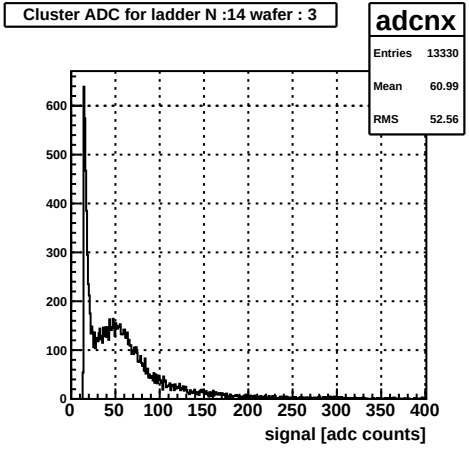

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 8987
Mean 53.39
RMS 45.63
signal [adc counts]

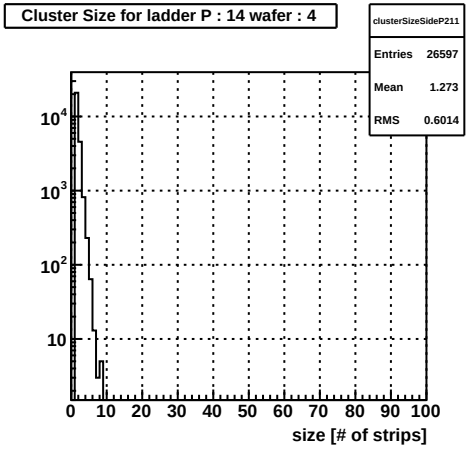

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 15101
Mean 1.426
RMS 0.7033
size [# of strips]

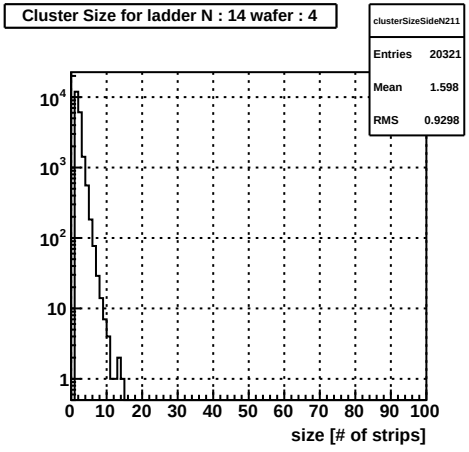

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 13330
Mean 1.511
RMS 0.793
size [# of strips]

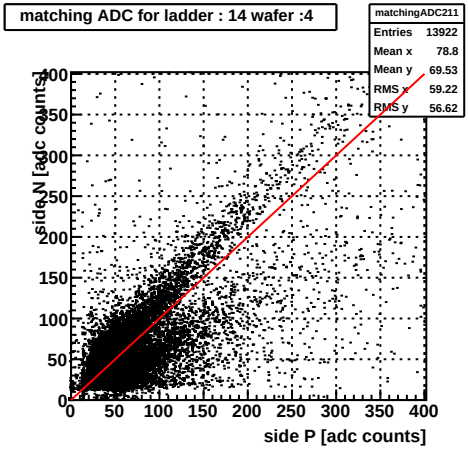

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 5523
Mean x 77.7
Mean y 66.28
RMS x 58.23
RMS y 57.69
side N [adc counts]
side P [adc counts]

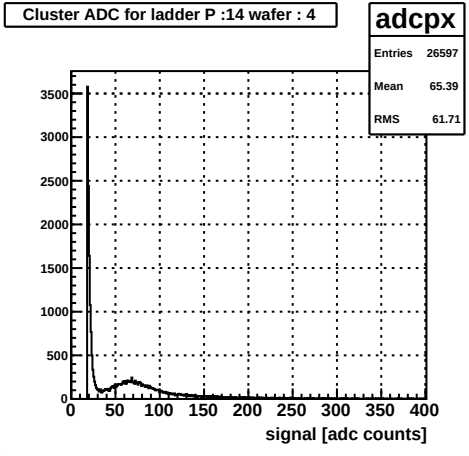

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 15101
Mean 85.36
RMS 66.18
signal [adc counts]

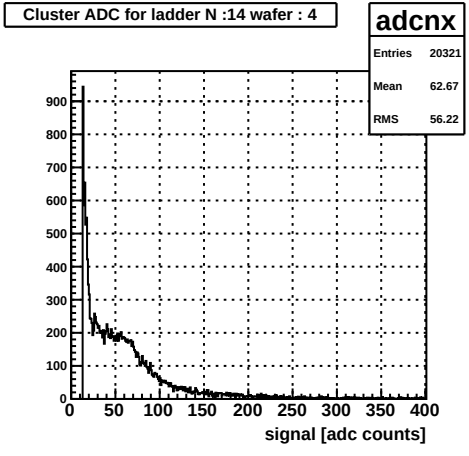

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 13330
Mean 60.99
RMS 52.56
signal [adc counts]

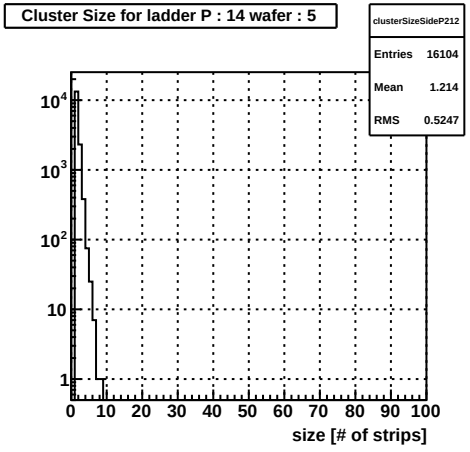

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 26597
Mean 1.273
RMS 0.6014
size [# of strips]

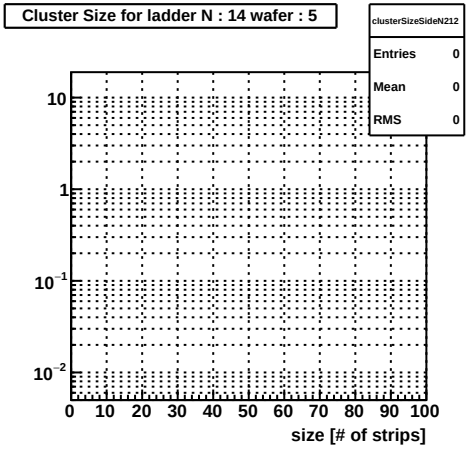

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 20321
Mean 1.598
RMS 0.9298
size [# of strips]

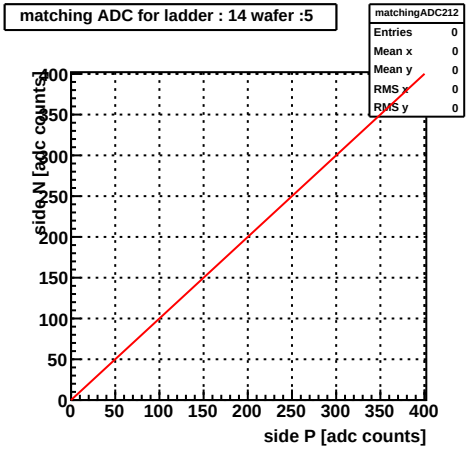

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 13922
Mean x 78.8
Mean y 69.53
RMS x 59.22
RMS y 56.62
side N [adc counts]
side P [adc counts]

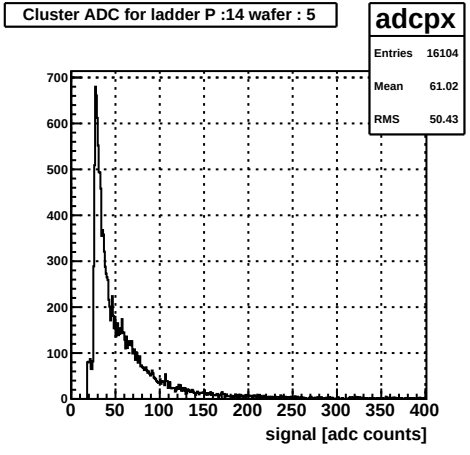

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 26597
Mean 65.39
RMS 61.71
signal [adc counts]

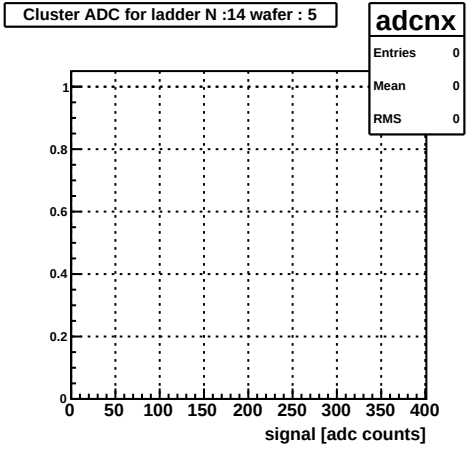

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 20321
Mean 62.67
RMS 56.22
signal [adc counts]

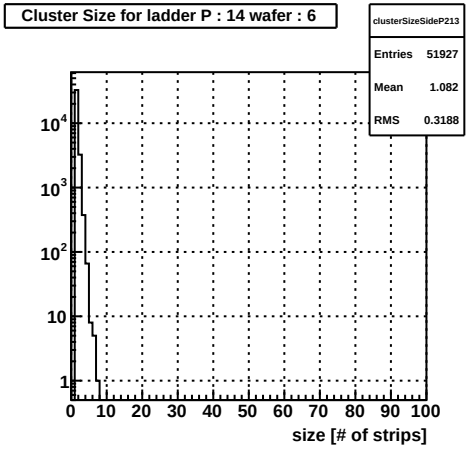

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 16104
Mean 1.214
RMS 0.5247
size [# of strips]

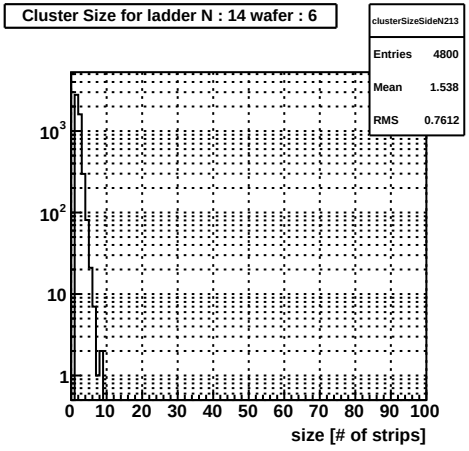

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

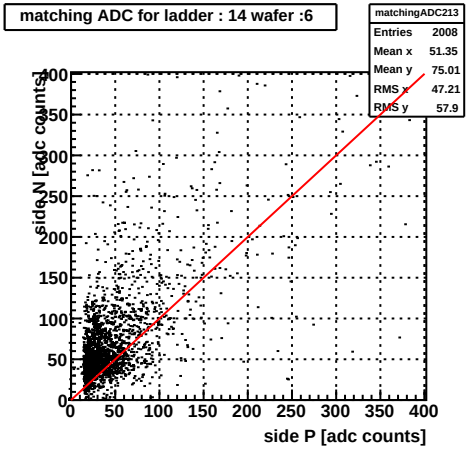

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

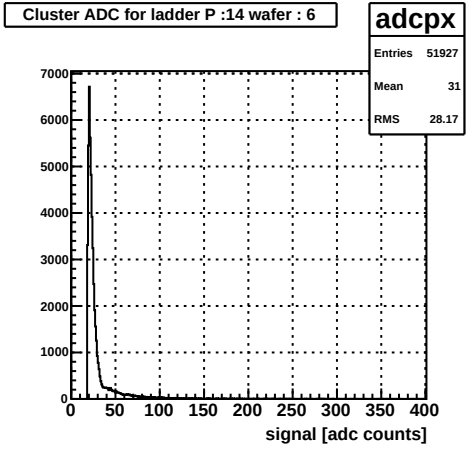

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 16104
Mean 61.02
RMS 50.43
signal [adc counts]

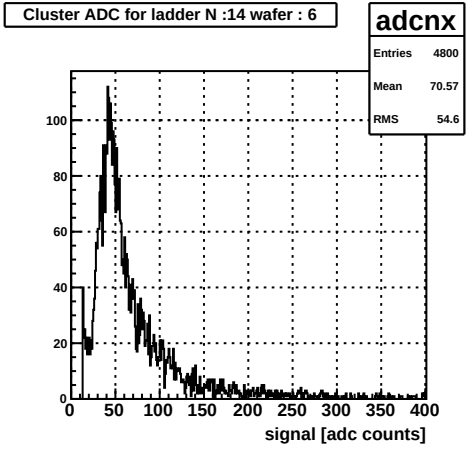

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

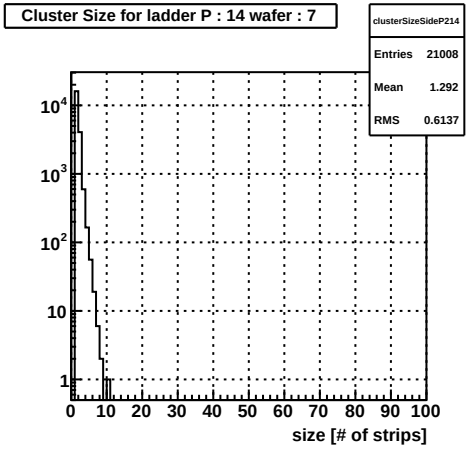

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 51927
Mean 1.082
RMS 0.3188
size [# of strips]

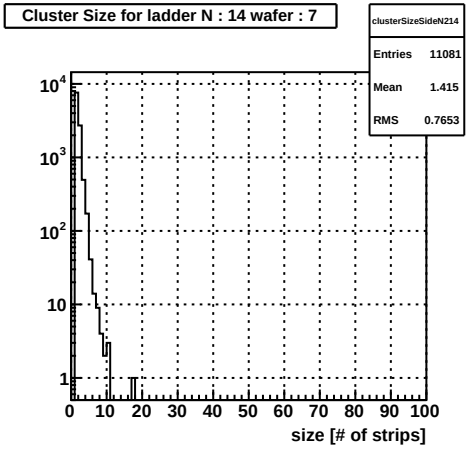

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4800
Mean 1.538
RMS 0.7612
size [# of strips]

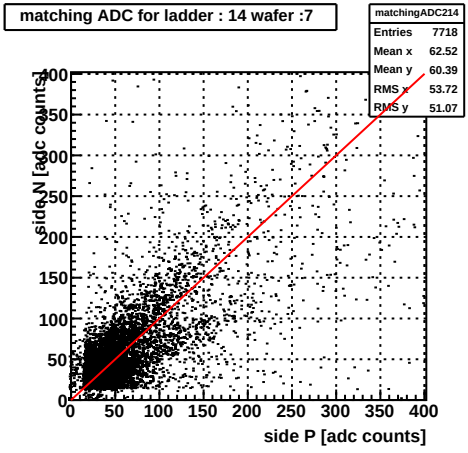

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 2008
Mean x 51.35
Mean y 75.01
RMS x 47.21
RMS y 57.9
side N [adc counts]
side P [adc counts]

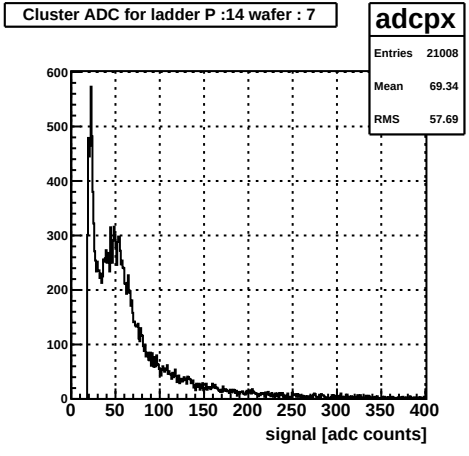

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 51927
Mean 31
RMS 28.17
signal [adc counts]

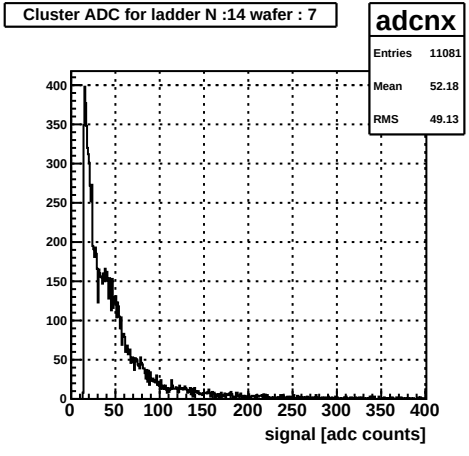

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4800
Mean 70.57
RMS 54.6
signal [adc counts]

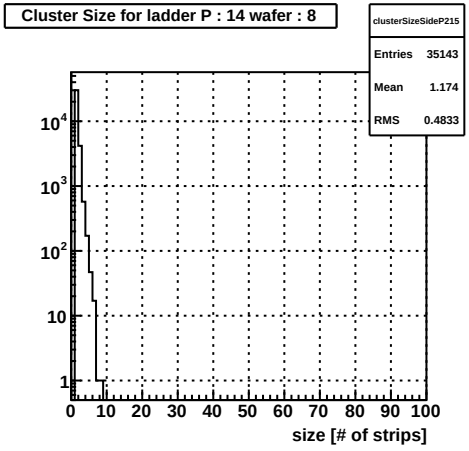

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 21008
Mean 1.292
RMS 0.6137
size [# of strips]

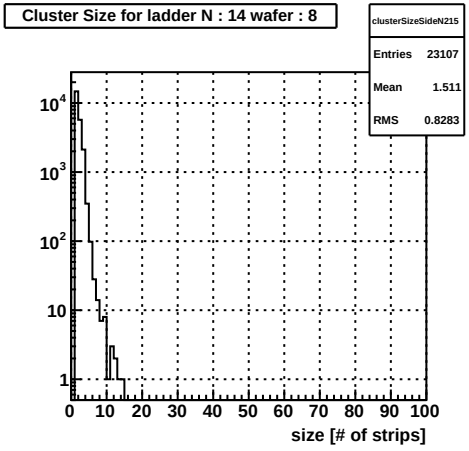

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 11081
Mean 1.415
RMS 0.7653
size [# of strips]

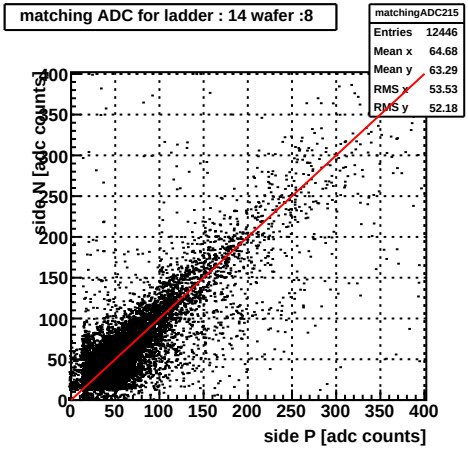

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7718
Mean x 62.52
Mean y 60.39
RMS x 53.72
RMS y 51.07
side N [adc counts]
side P [adc counts]

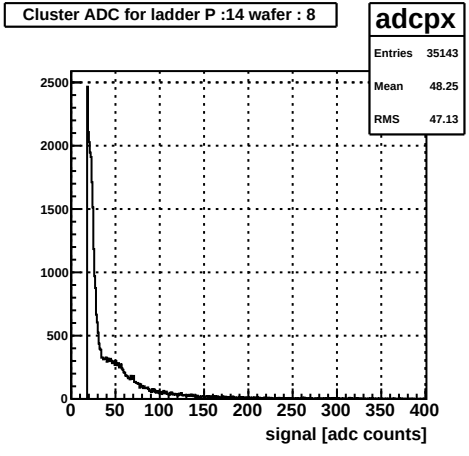

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 21008
Mean 69.34
RMS 57.69
signal [adc counts]

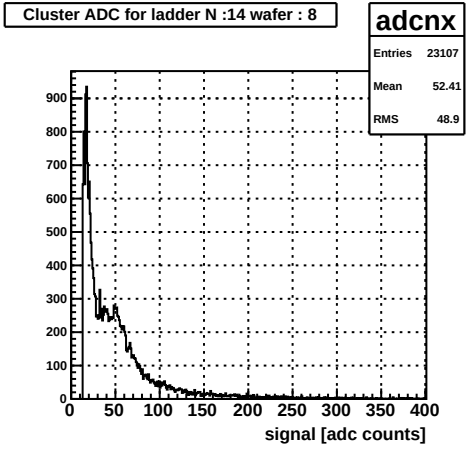

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 11081
Mean 52.18
RMS 49.13
signal [adc counts]

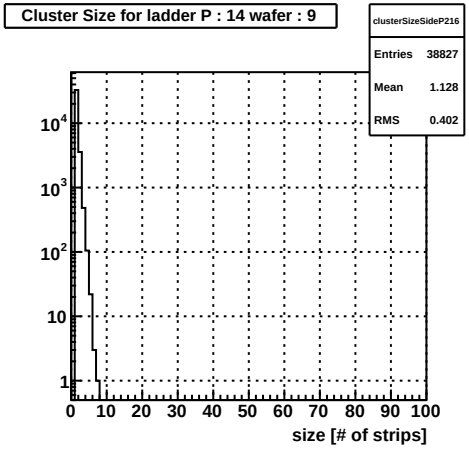

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 35143
Mean 1.174
RMS 0.4833
size [# of strips]

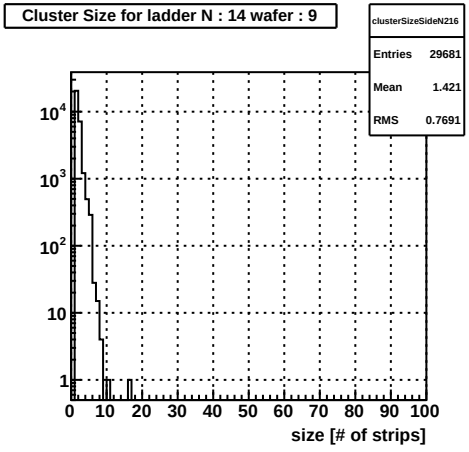

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 23107
Mean 1.511
RMS 0.8283
size [# of strips]

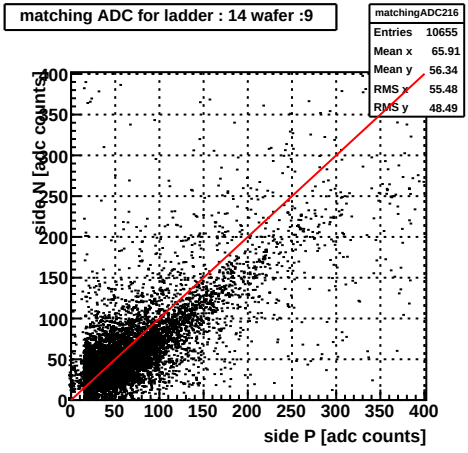

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 12446
Mean x 64.68
Mean y 63.29
RMS x 53.53
RMS y 52.18
side N [adc counts]
side P [adc counts]

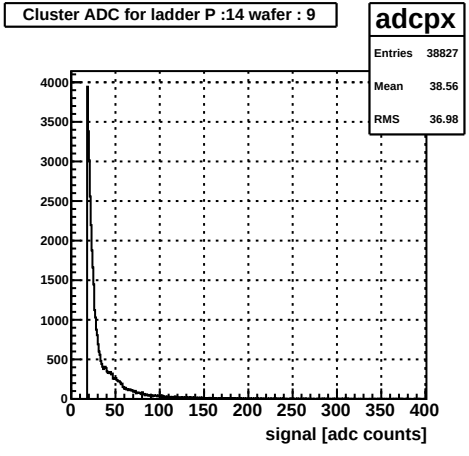

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 35143
Mean 48.25
RMS 47.13
signal [adc counts]

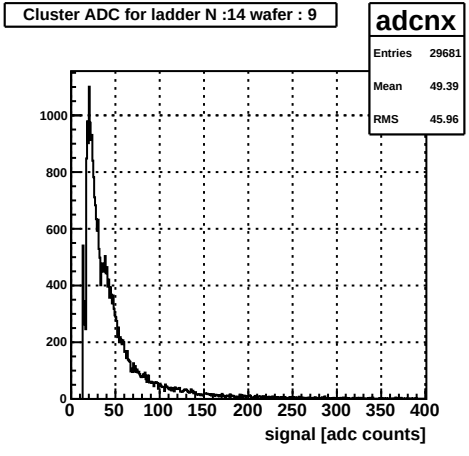

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 23107
Mean 52.41
RMS 48.9
signal [adc counts]

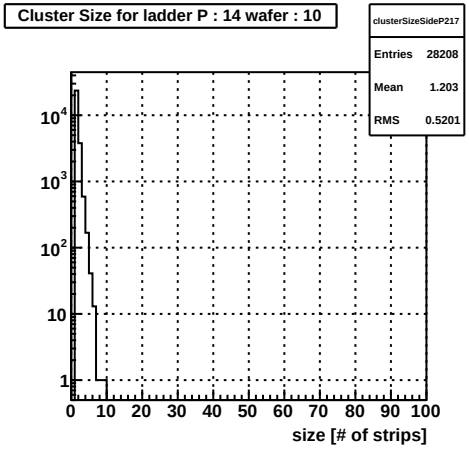

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 38827
Mean 1.128
RMS 0.402
size [# of strips]

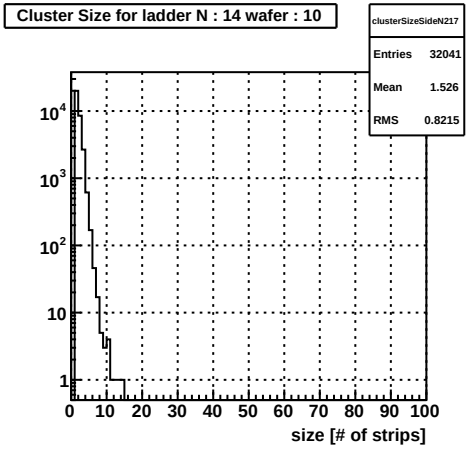

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 29681
Mean 1.421
RMS 0.7691
size [# of strips]

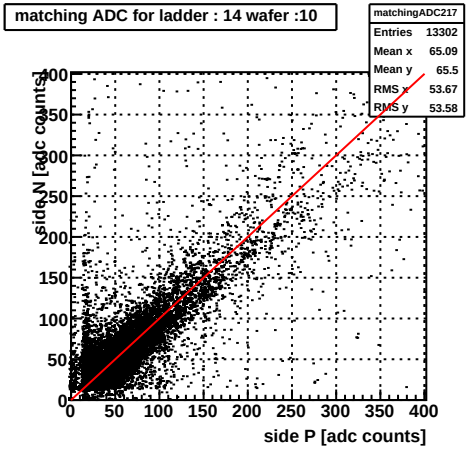

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 10655
Mean x 65.91
Mean y 56.34
RMS x 55.48
RMS y 48.49
side N [adc counts]
side P [adc counts]

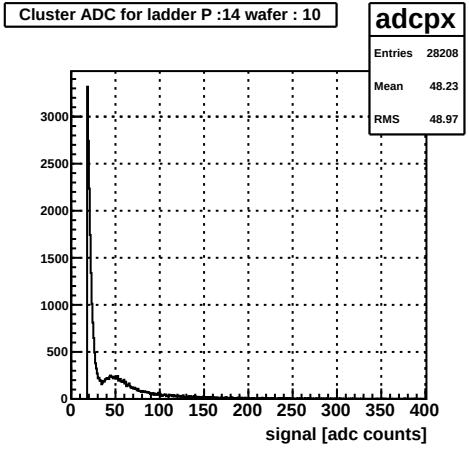

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 38827
Mean 38.56
RMS 36.98
signal [adc counts]

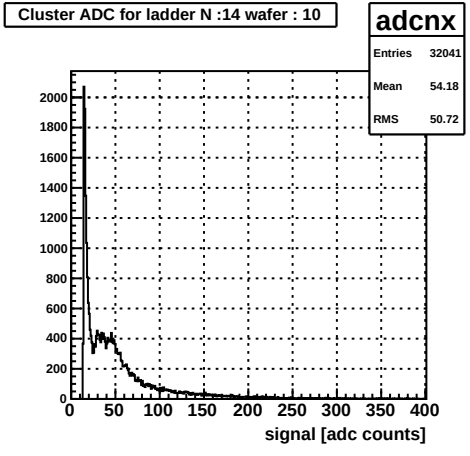

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 29681
Mean 49.39
RMS 45.96
signal [adc counts]

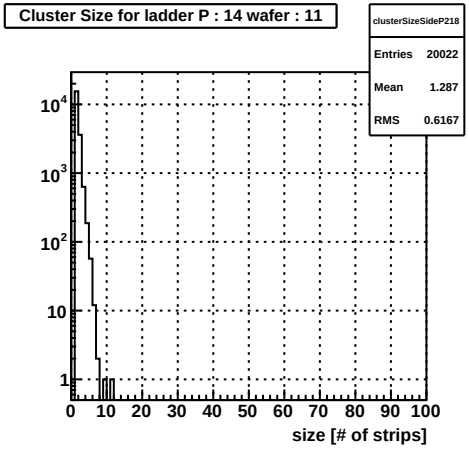

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 28208
Mean 1.203
RMS 0.5201
size [# of strips]

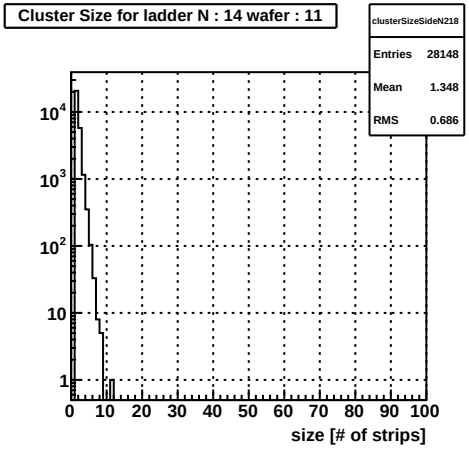

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 32041
Mean 1.526
RMS 0.8215
size [# of strips]

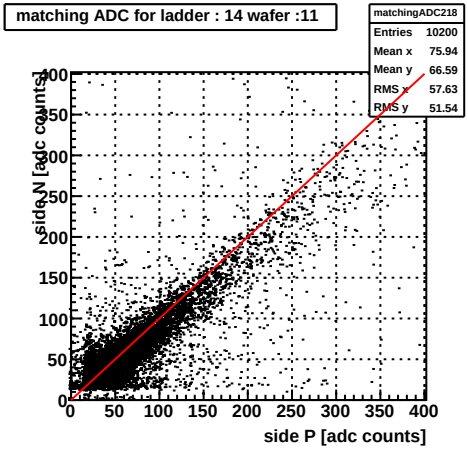

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 13302
Mean x 65.09
Mean y 65.5
RMS x 53.67
RMS y 53.58
side N [adc counts]
side P [adc counts]

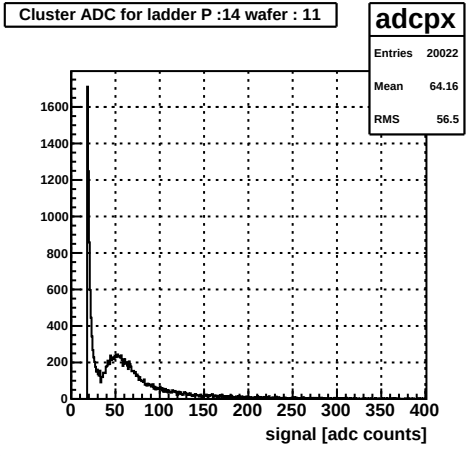

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 28208
Mean 48.23
RMS 48.97
signal [adc counts]

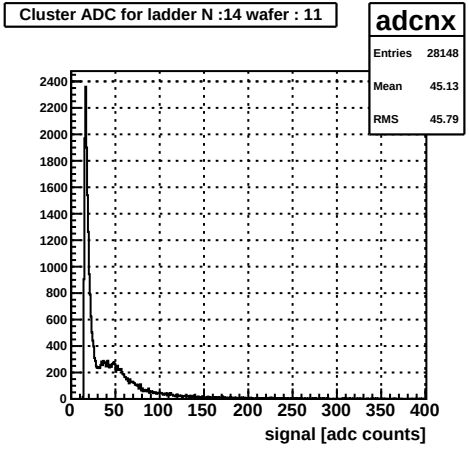

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 32041
Mean 54.18
RMS 50.72
signal [adc counts]

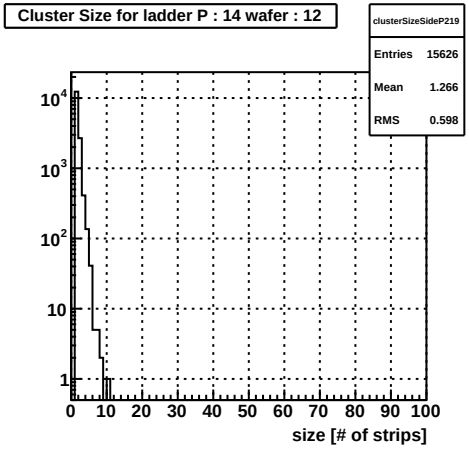

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 20022
Mean 1.287
RMS 0.6167
size [# of strips]

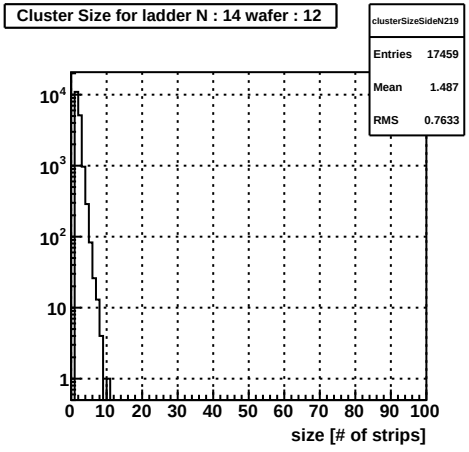

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 28148
Mean 1.348
RMS 0.686
size [# of strips]

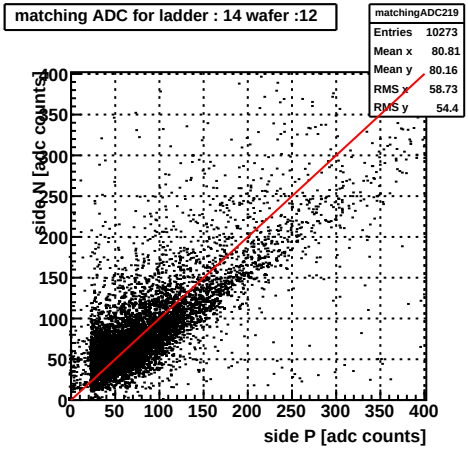

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 10200
Mean x 75.94
Mean y 66.59
RMS x 57.63
RMS y 51.54
side N [adc counts]
side P [adc counts]

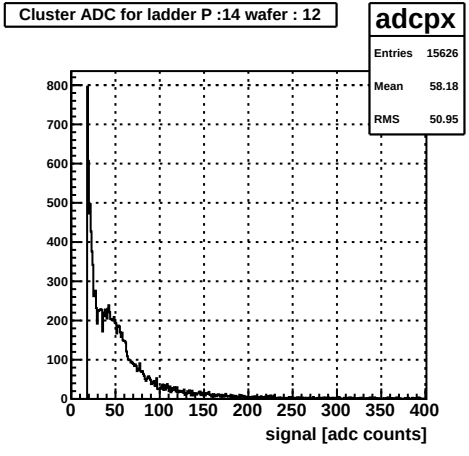

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 20022
Mean 64.16
RMS 56.5
signal [adc counts]

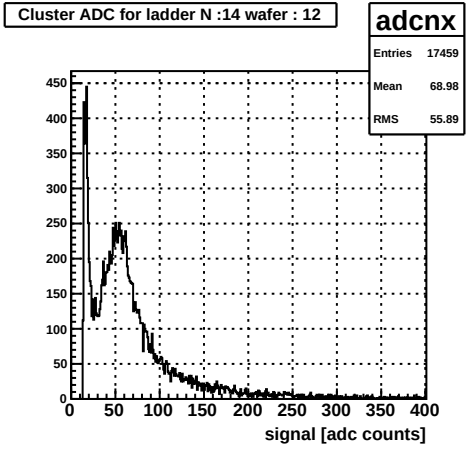

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 28148
Mean 45.13
RMS 45.79
signal [adc counts]

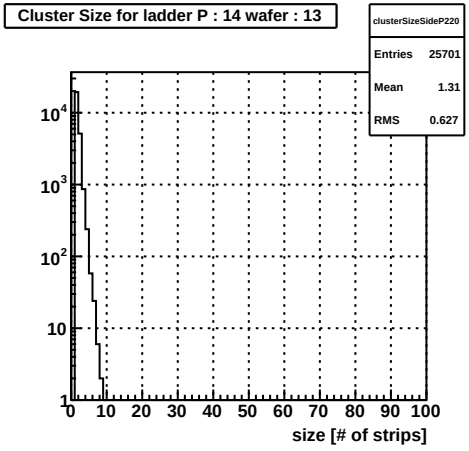

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 15626
Mean 1.266
RMS 0.598
size [# of strips]

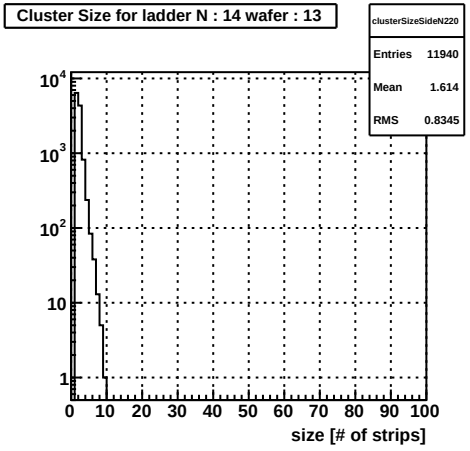

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 17459
Mean 1.487
RMS 0.7633
size [# of strips]

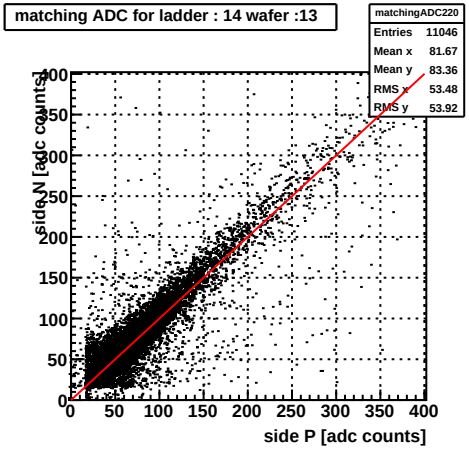

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 10273
Mean x 80.81
Mean y 80.16
RMS x 58.73
RMS y 54.4
side N [adc counts]
side P [adc counts]

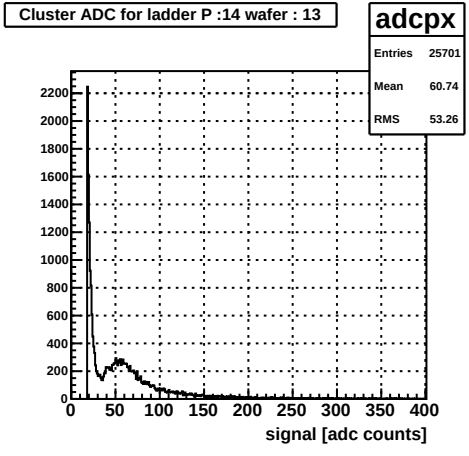

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 15626
Mean 58.18
RMS 50.95
signal [adc counts]

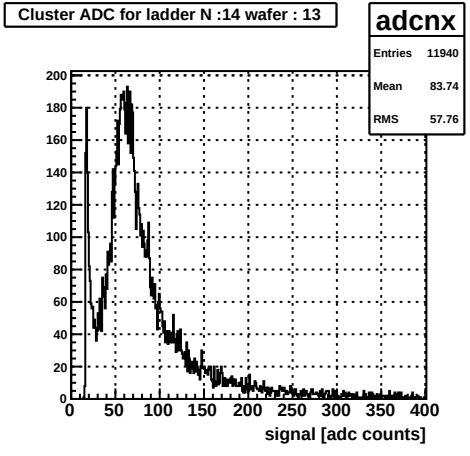

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 17459
Mean 68.98
RMS 55.89
signal [adc counts]

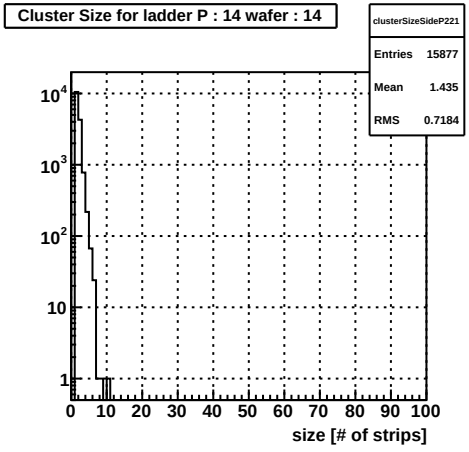

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 25701
Mean 1.31
RMS 0.627
size [# of strips]

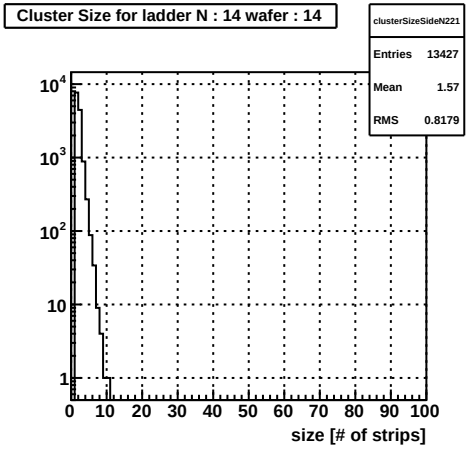

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 11940
Mean 1.614
RMS 0.8345
size [# of strips]

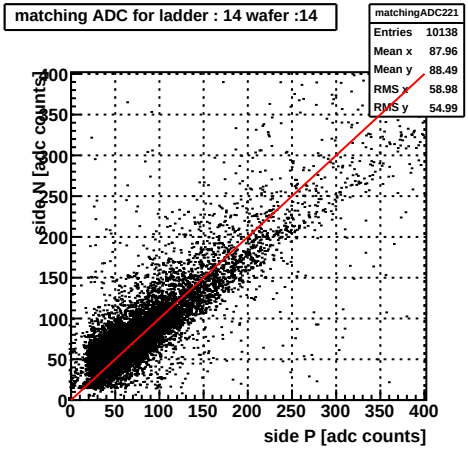

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 11046
Mean x 81.67
Mean y 83.36
RMS x 53.48
RMS y 53.92
side N [adc counts]
side P [adc counts]

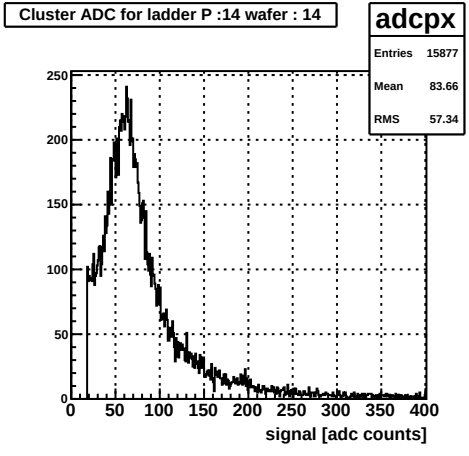

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 25701
Mean 60.74
RMS 53.26
signal [adc counts]

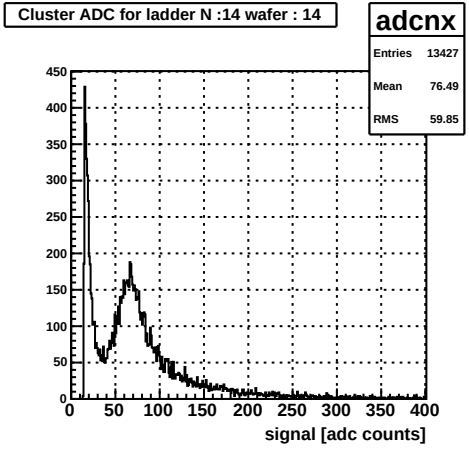

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 11940
Mean 83.74
RMS 57.76
signal [adc counts]

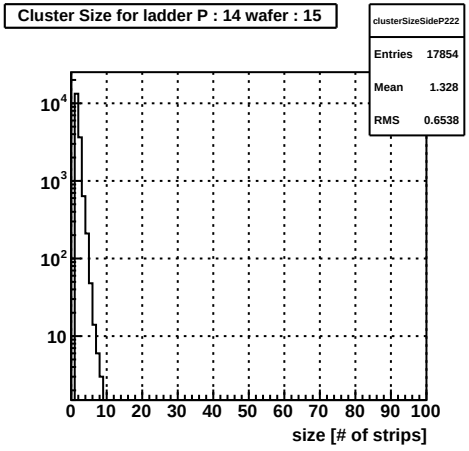

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 15877
Mean 1.435
RMS 0.7184
size [# of strips]

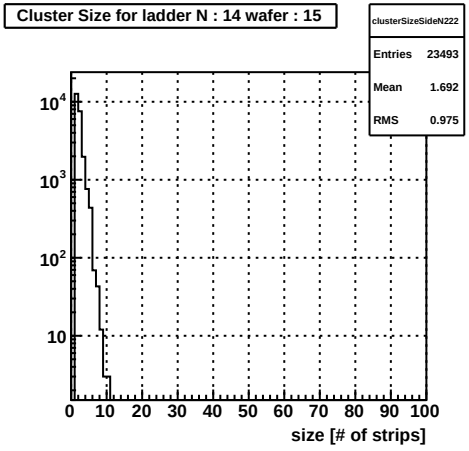

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 13427
Mean 1.57
RMS 0.8179
size [# of strips]

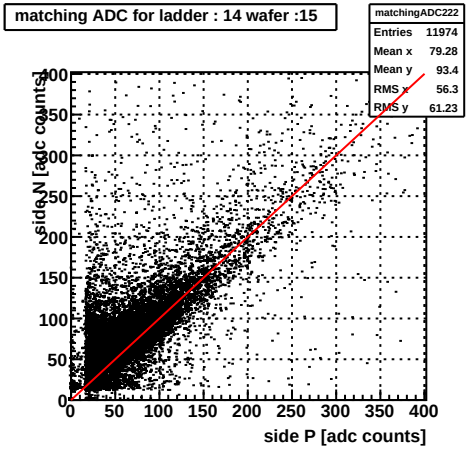

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 10138
Mean x 87.96
Mean y 88.49
RMS x 58.98
RMS y 54.99
side N [adc counts]
side P [adc counts]

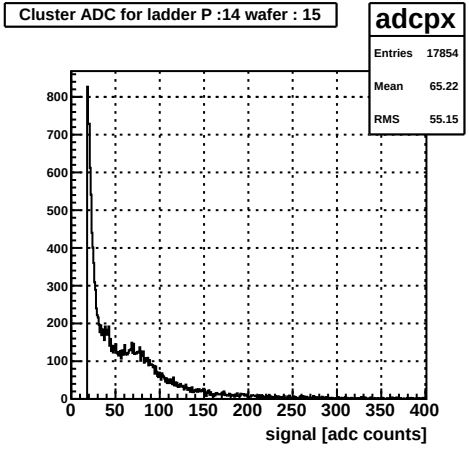

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 15877
Mean 83.66
RMS 57.34
signal [adc counts]

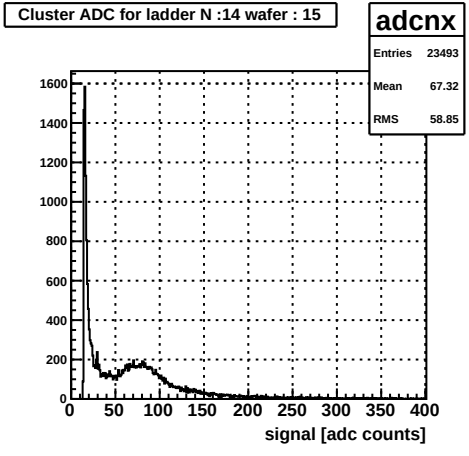

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 13427
Mean 76.49
RMS 59.85
signal [adc counts]

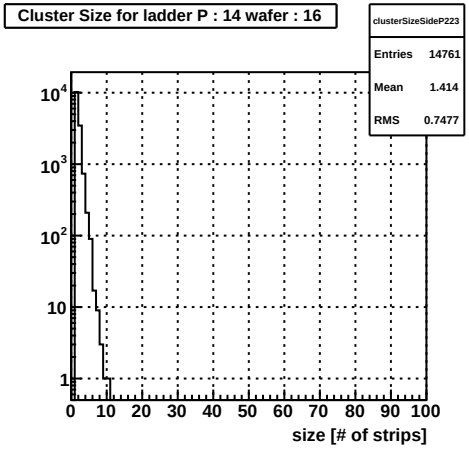

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 17854
Mean 1.328
RMS 0.6538
size [# of strips]

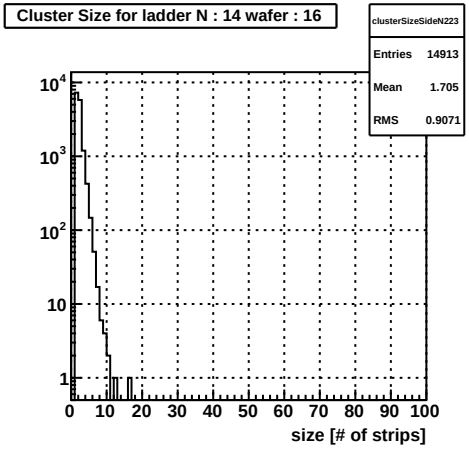

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 23493
Mean 1.692
RMS 0.975
size [# of strips]

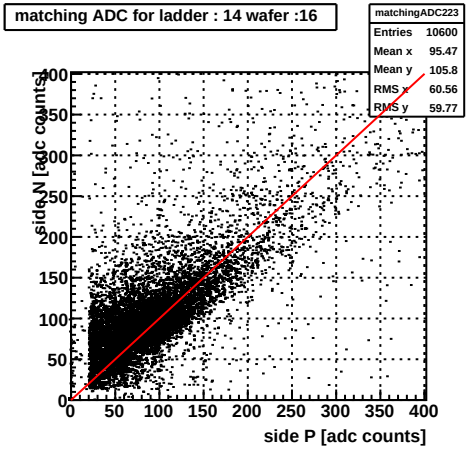

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 11974
Mean x 79.28
Mean y 93.4
RMS x 56.3
RMS y 61.23
side N [adc counts]
side P [adc counts]

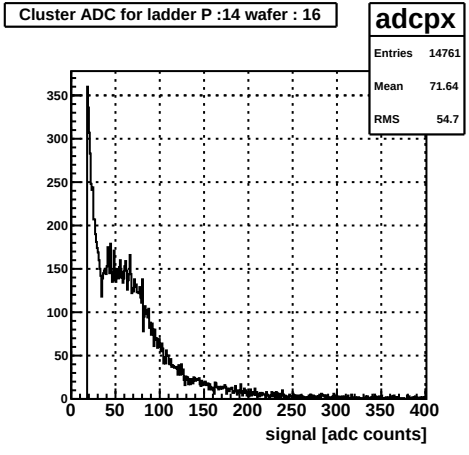

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 17854
Mean 65.22
RMS 55.15
signal [adc counts]

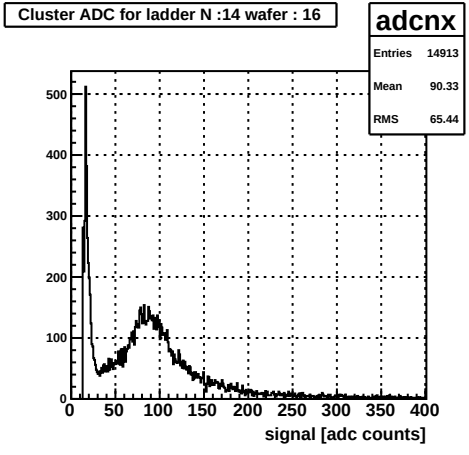

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 23493
Mean 67.32
RMS 58.85
signal [adc counts]

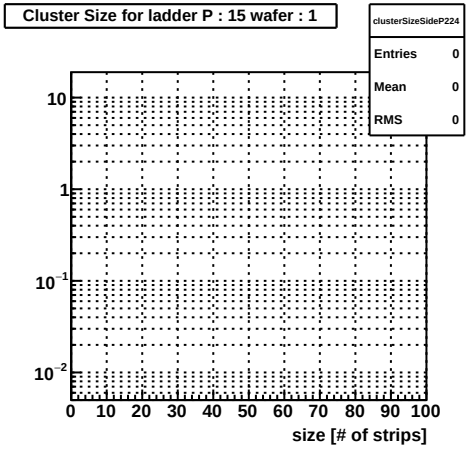

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 14761
Mean 1.414
RMS 0.7477
size [# of strips]

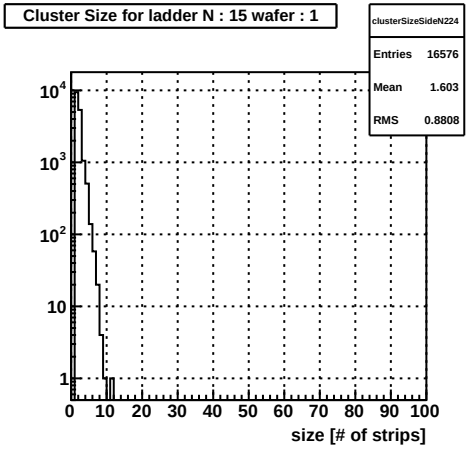

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 14913
Mean 1.705
RMS 0.9071
size [# of strips]

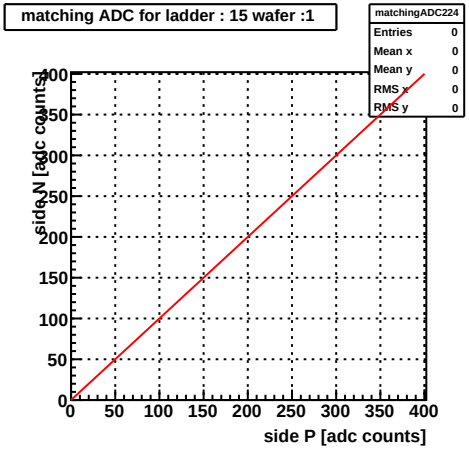

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 10600
Mean x 95.47
Mean y 105.8
RMS x 60.56
RMS y 59.77
side N [adc counts]
side P [adc counts]

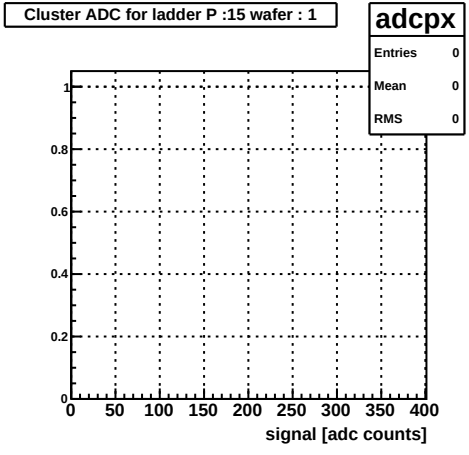

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 14761
Mean 71.64
RMS 54.7
signal [adc counts]

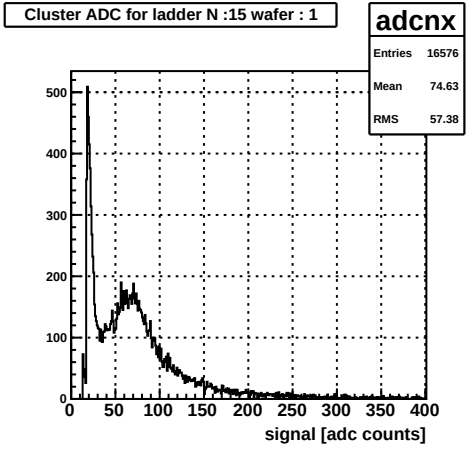

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 14913
Mean 90.33
RMS 65.44
signal [adc counts]

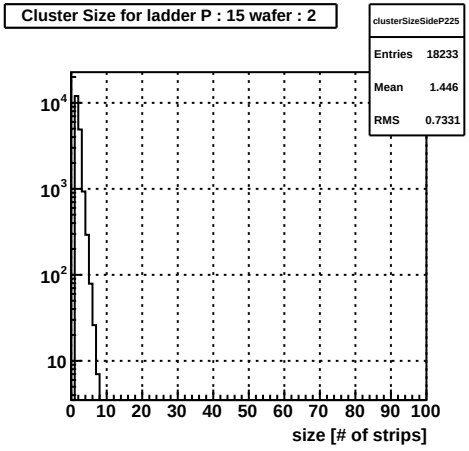

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

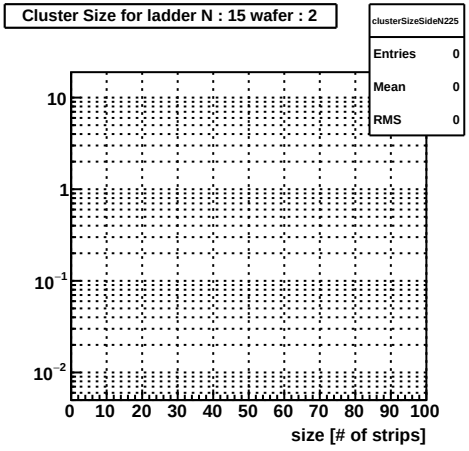

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 16576
Mean 1.603
RMS 0.8808
size [# of strips]

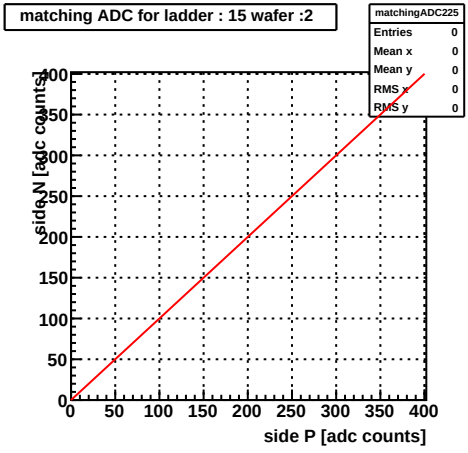

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

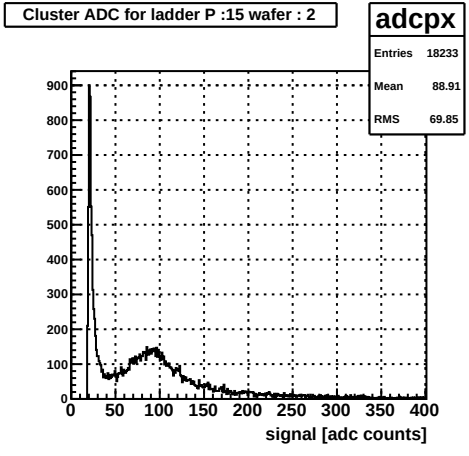

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

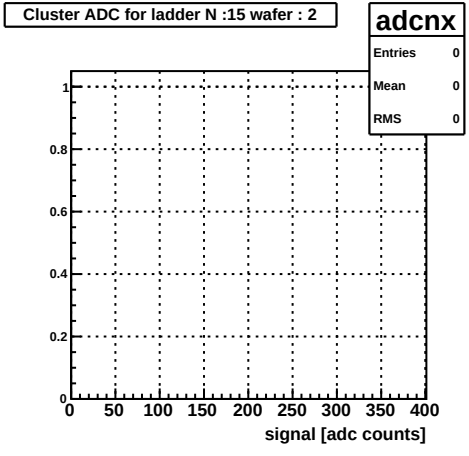

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 16576
Mean 74.63
RMS 57.38
signal [adc counts]

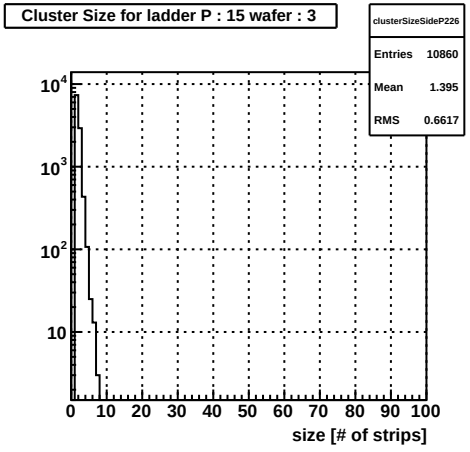

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 18233
Mean 1.446
RMS 0.7331
size [# of strips]

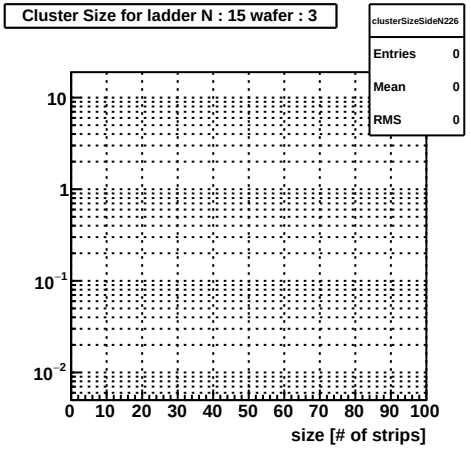

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

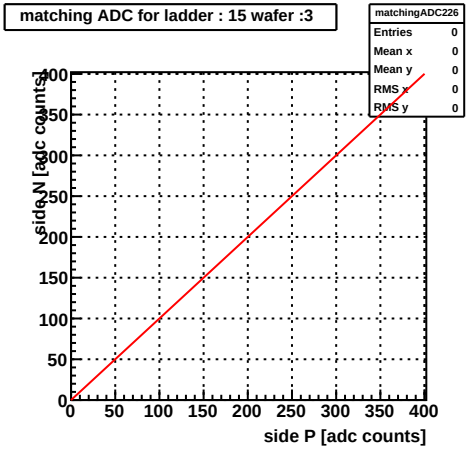

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

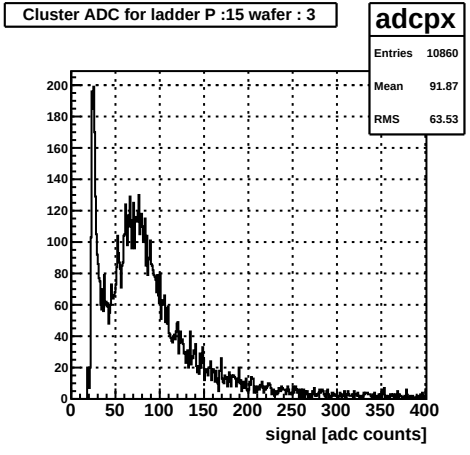

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 18233
Mean 88.91
RMS 69.85
signal [adc counts]

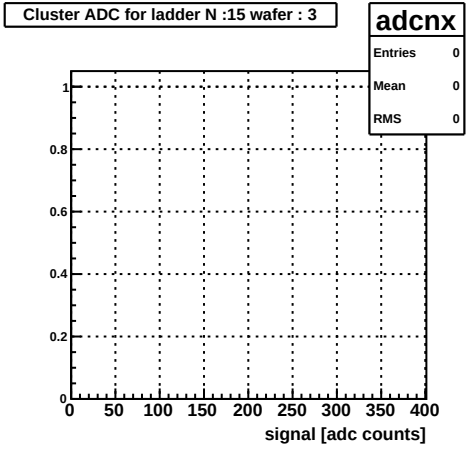

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

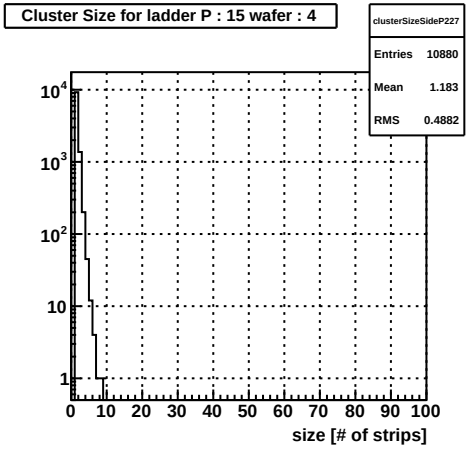

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 10860
Mean 1.395
RMS 0.6617
size [# of strips]

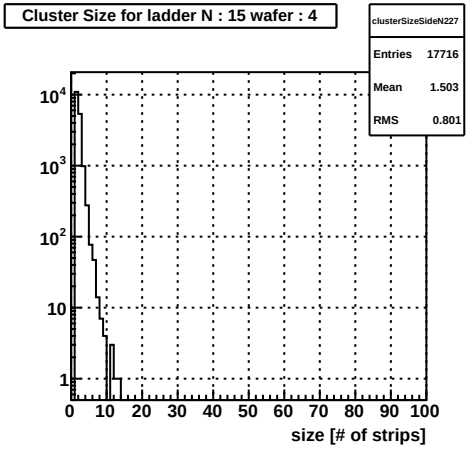

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

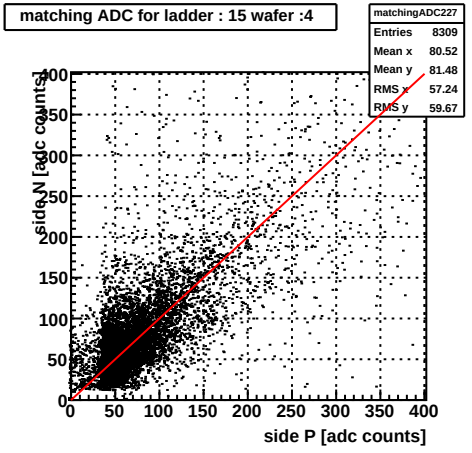

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

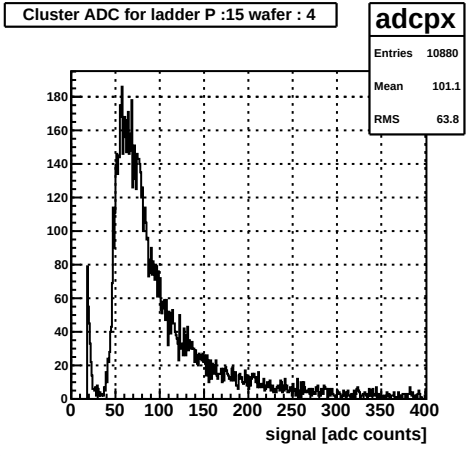

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 10860
Mean 91.87
RMS 63.53
signal [adc counts]

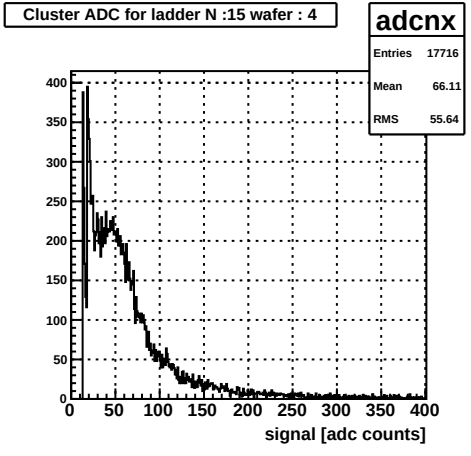

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

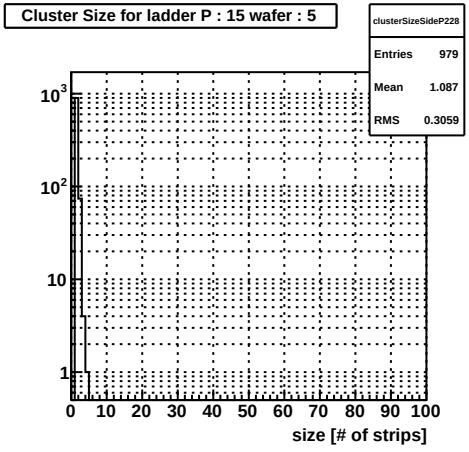

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 10880
Mean 1.183
RMS 0.4882
size [# of strips]

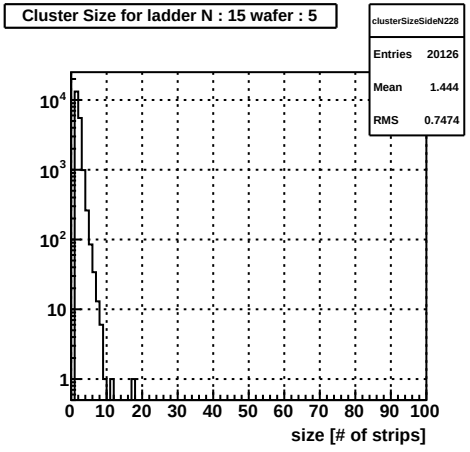

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 17716
Mean 1.503
RMS 0.801
size [# of strips]

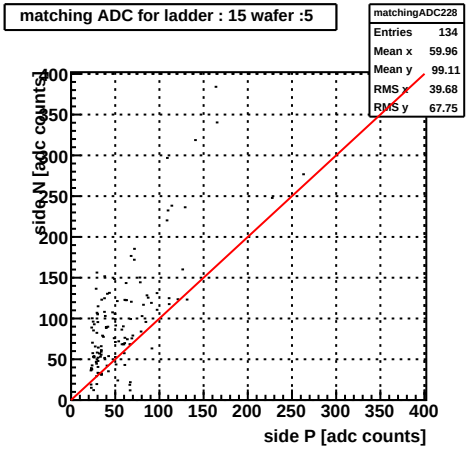

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 8309
Mean x 80.52
Mean y 81.48
RMS x 57.24
RMS y 59.67
side N [adc counts]
side P [adc counts]

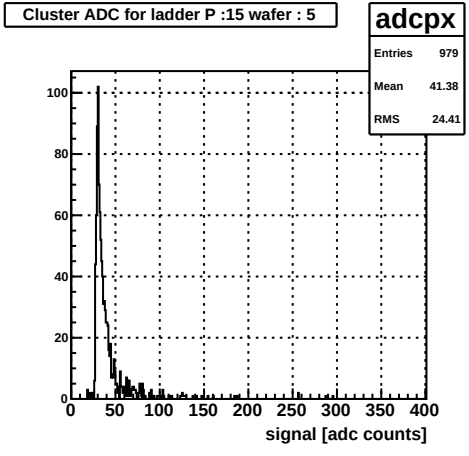

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 10880
Mean 101.1
RMS 63.8
signal [adc counts]

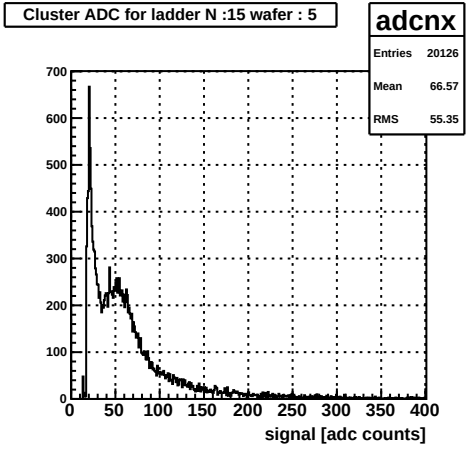

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 17716
Mean 66.11
RMS 55.64
signal [adc counts]

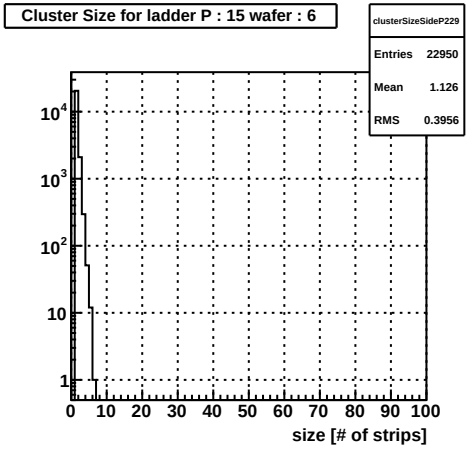

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 979
Mean 1.087
RMS 0.3059
size [# of strips]

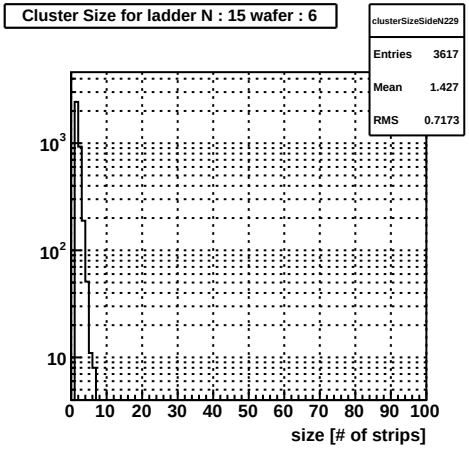

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 20126
Mean 1.444
RMS 0.7474
size [# of strips]

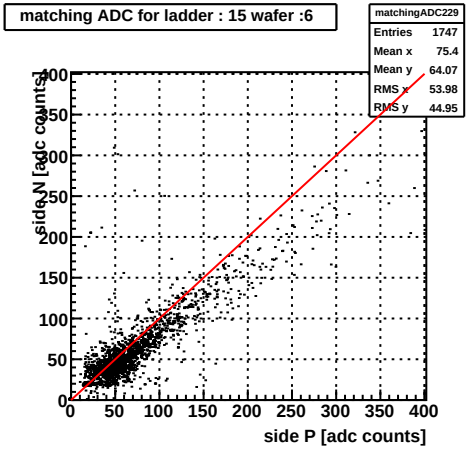

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 134
Mean x 59.96
Mean y 99.11
RMS x 39.68
RMS y 67.75
side N [adc counts]
side P [adc counts]

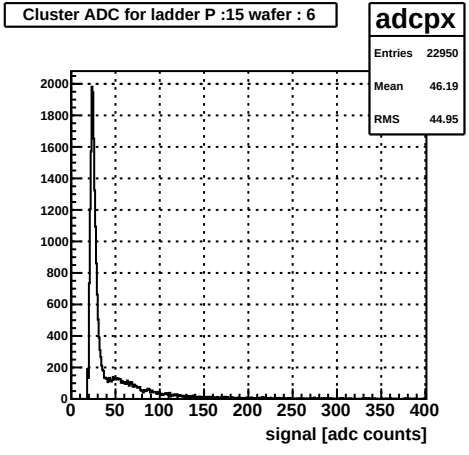

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 979
Mean 41.38
RMS 24.41
signal [adc counts]

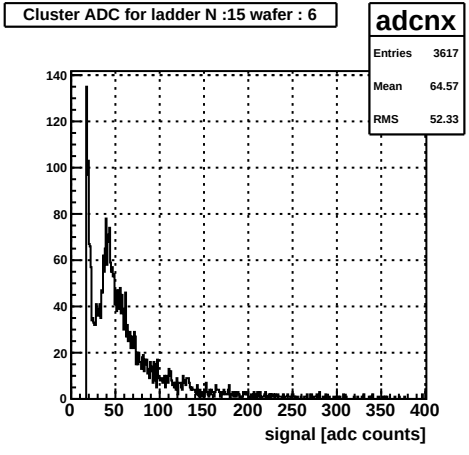

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 20126
Mean 66.57
RMS 55.35
signal [adc counts]

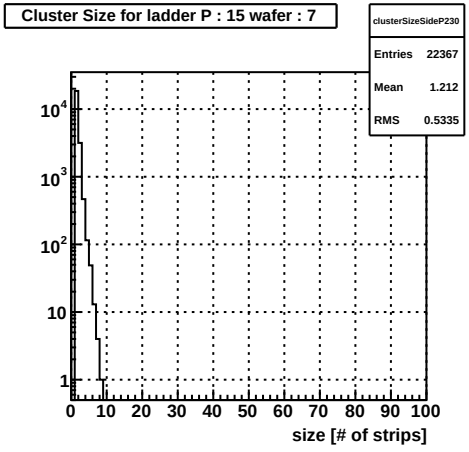

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 22950
Mean 1.126
RMS 0.3956
size [# of strips]

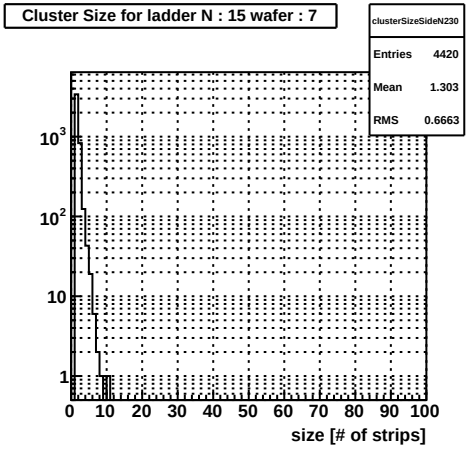

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 3617
Mean 1.427
RMS 0.7173
size [# of strips]

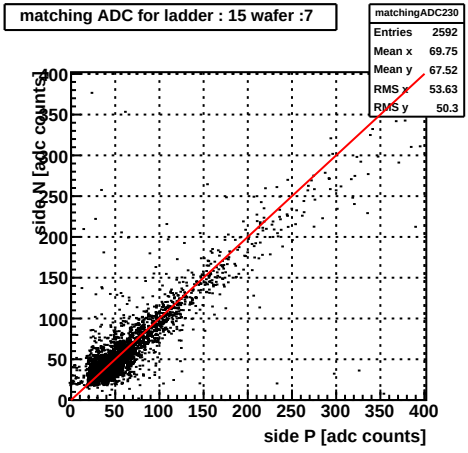

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1747
Mean x 75.4
Mean y 64.07
RMS x 53.98
RMS y 44.95
side N [adc counts]
side P [adc counts]

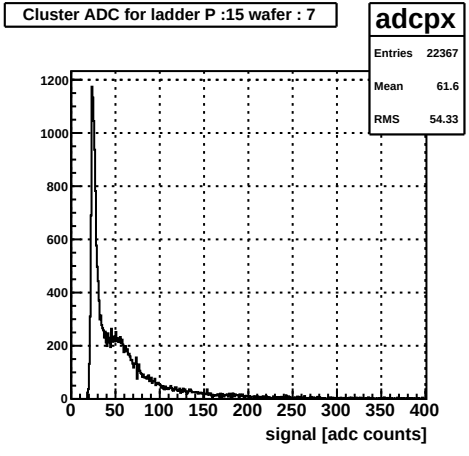

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 22950
Mean 46.19
RMS 44.95
signal [adc counts]

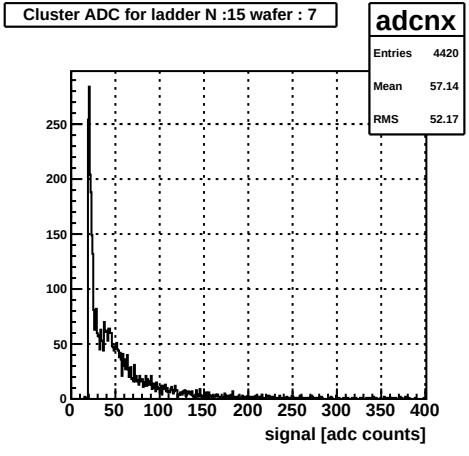

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 3617
Mean 64.57
RMS 52.33
signal [adc counts]

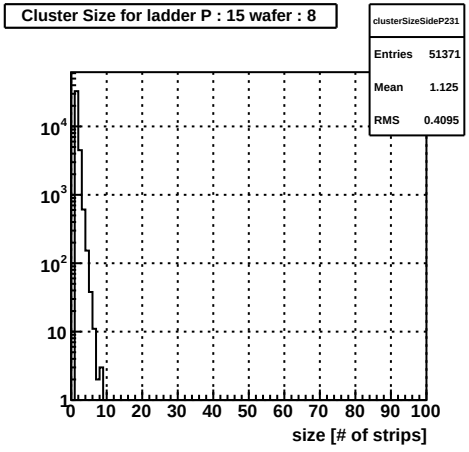

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 22367
Mean 1.212
RMS 0.5335
size [# of strips]

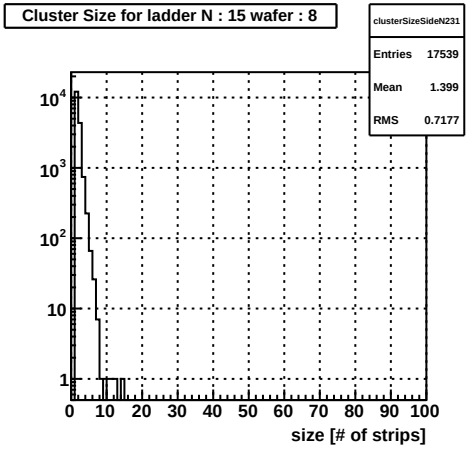

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 4420
Mean 1.303
RMS 0.6663
size [# of strips]

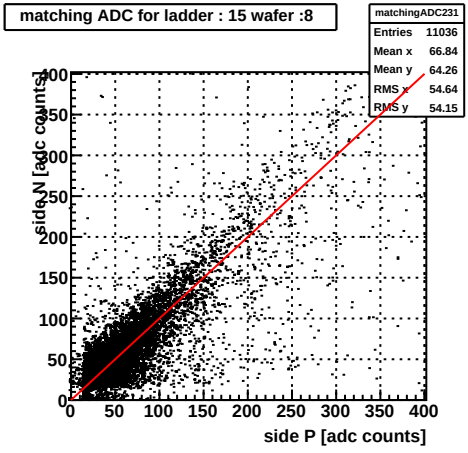

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2592
Mean x 69.75
Mean y 67.52
RMS x 53.63
RMS y 50.3
side N [adc counts]
side P [adc counts]

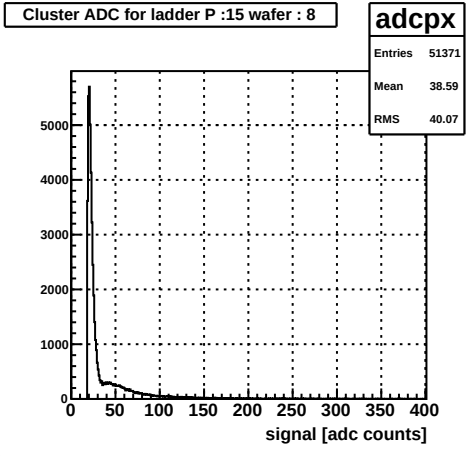

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 22367
Mean 61.6
RMS 54.33
signal [adc counts]

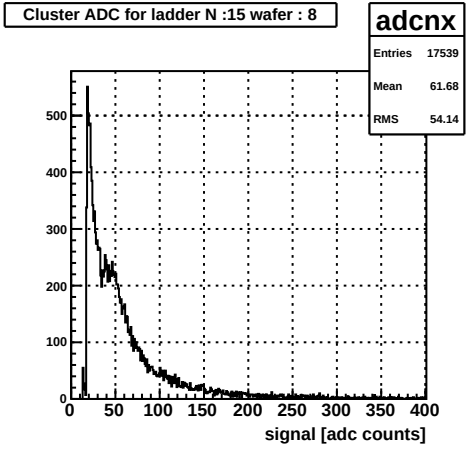

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 4420
Mean 57.14
RMS 52.17
signal [adc counts]

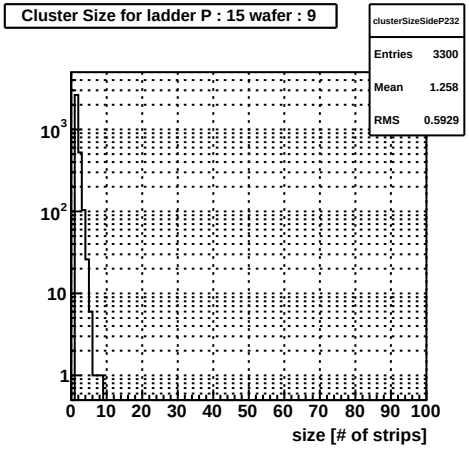

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 51371
Mean 1.125
RMS 0.4095
size [# of strips]

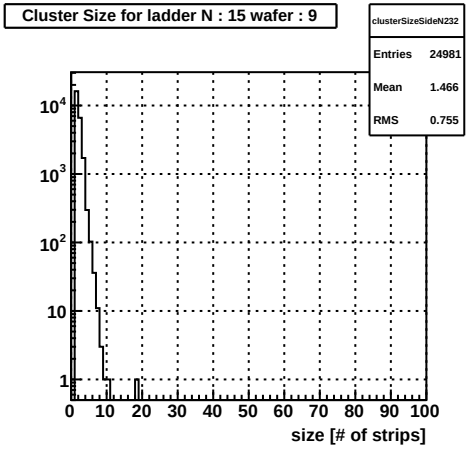

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 17539
Mean 1.399
RMS 0.7177
size [# of strips]

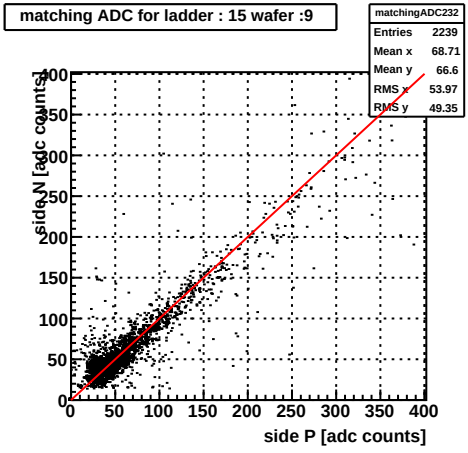

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 11036
Mean x 66.84
Mean y 64.26
RMS x 54.64
RMS y 54.15
side N [adc counts]
side P [adc counts]

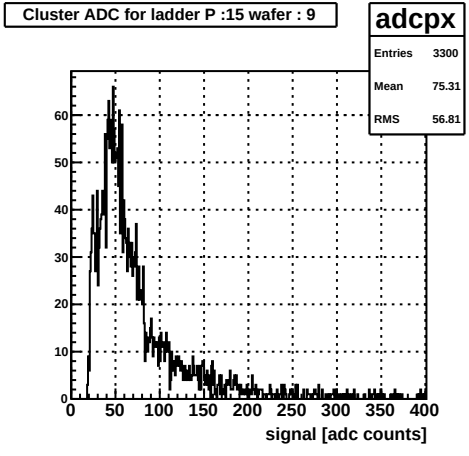

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 51371
Mean 38.59
RMS 40.07
signal [adc counts]

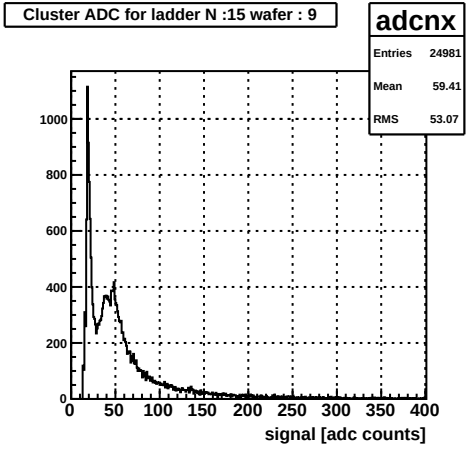

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 17539
Mean 61.68
RMS 54.14
signal [adc counts]

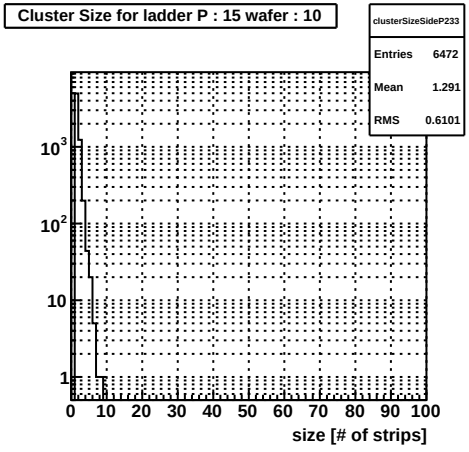

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 3300
Mean 1.258
RMS 0.5929
size [# of strips]

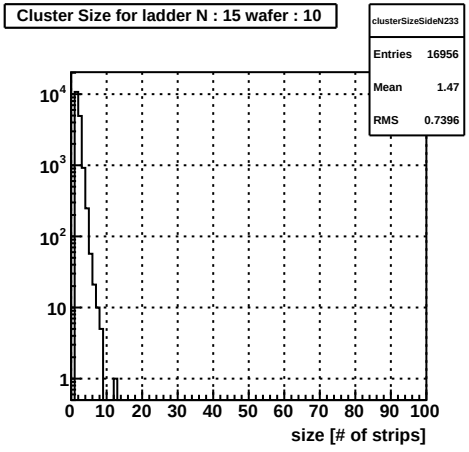

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 24981
Mean 1.466
RMS 0.755
size [# of strips]

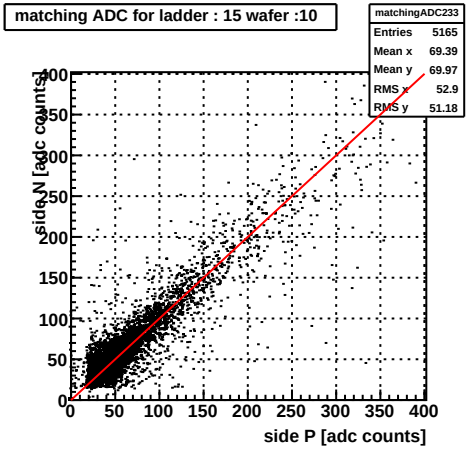

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 2239
Mean x 68.71
Mean y 66.6
RMS x 53.97
RMS y 49.35
side N [adc counts]
side P [adc counts]

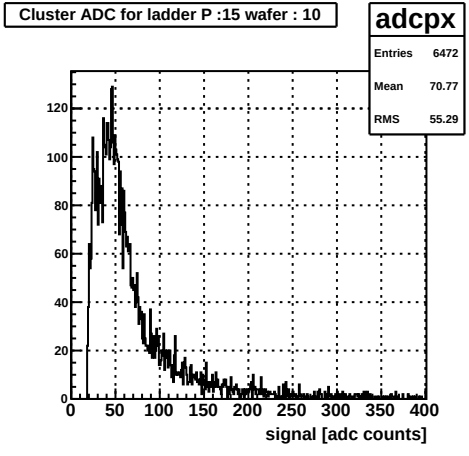

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 3300
Mean 75.31
RMS 56.81
signal [adc counts]

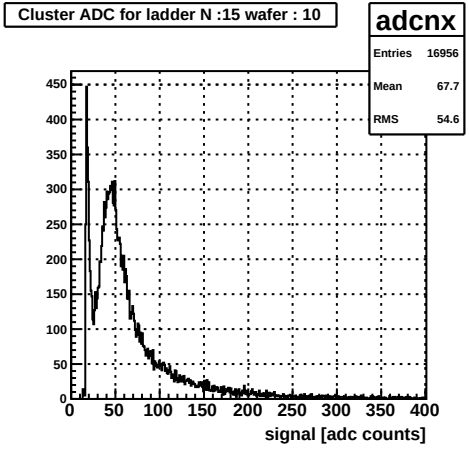

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 24981
Mean 59.41
RMS 53.07
signal [adc counts]

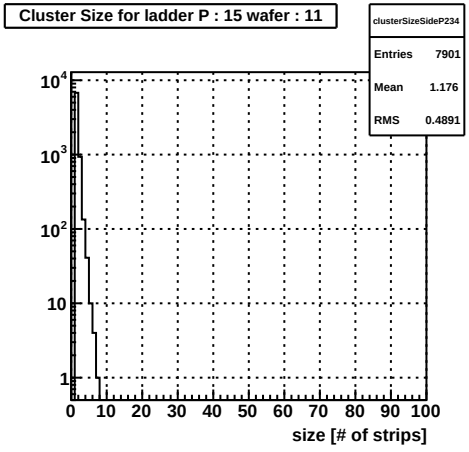

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 6472
Mean 1.291
RMS 0.6101
size [# of strips]

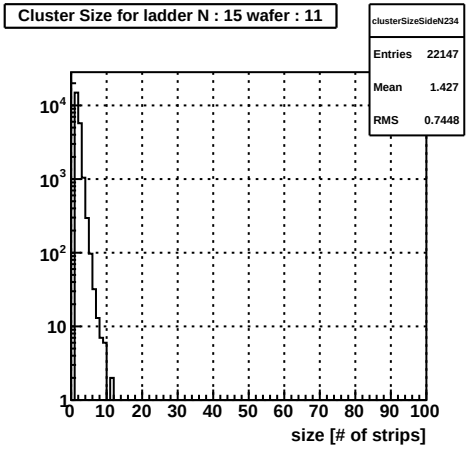

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 16956
Mean 1.47
RMS 0.7396
size [# of strips]

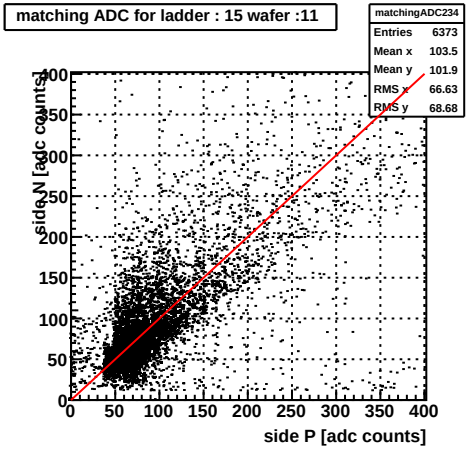

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 5165
Mean x 69.39
Mean y 69.97
RMS x 52.9
RMS y 51.18
side N [adc counts]
side P [adc counts]

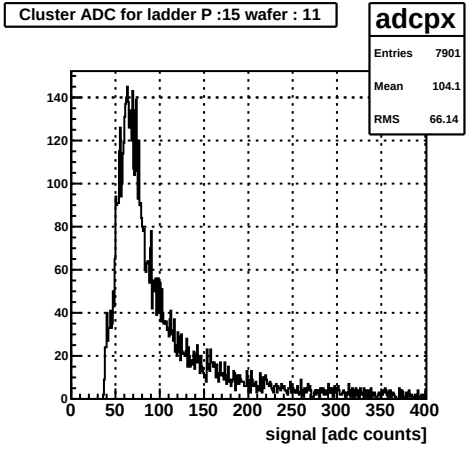

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 6472
Mean 70.77
RMS 55.29
signal [adc counts]

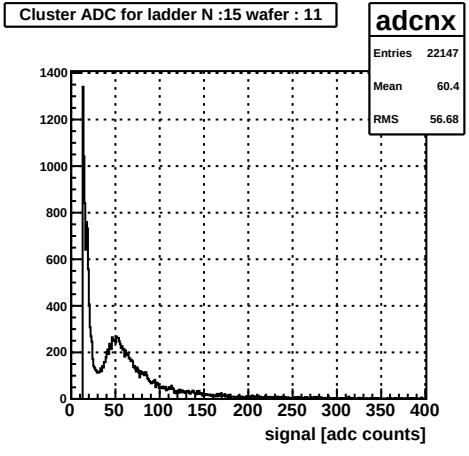

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 16956
Mean 67.7
RMS 54.6
signal [adc counts]

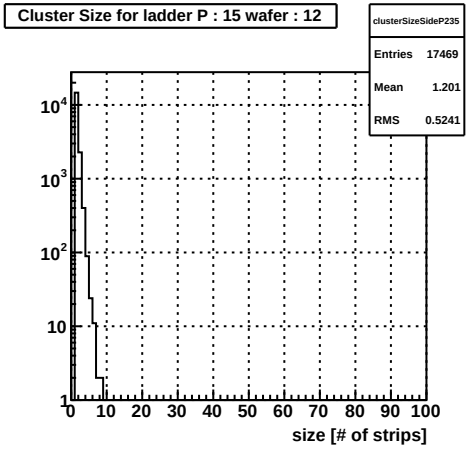

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7901
Mean 1.176
RMS 0.4891
size [# of strips]

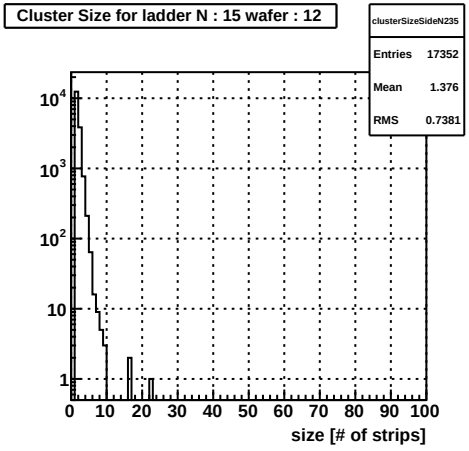

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 22147
Mean 1.427
RMS 0.7448
size [# of strips]

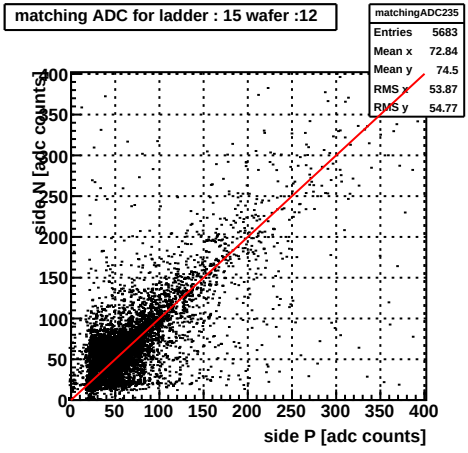

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 6373
Mean x 103.5
Mean y 101.9
RMS x 66.63
RMS y 68.68
side N [adc counts]
side P [adc counts]

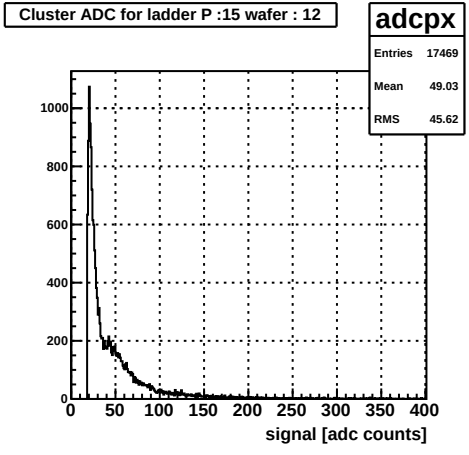

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7901
Mean 104.1
RMS 66.14
signal [adc counts]

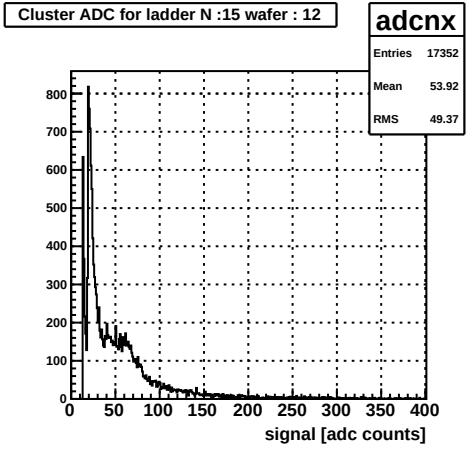

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 22147
Mean 60.4
RMS 56.68
signal [adc counts]

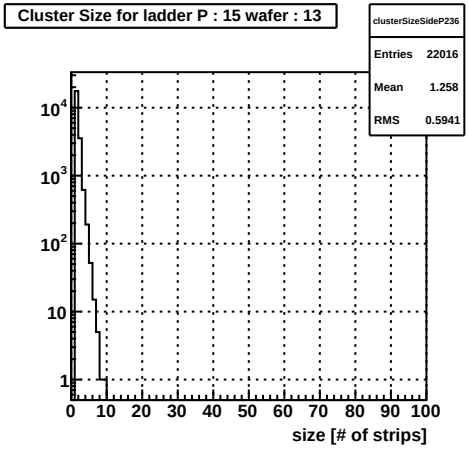

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 17469
Mean 1.201
RMS 0.5241
size [# of strips]

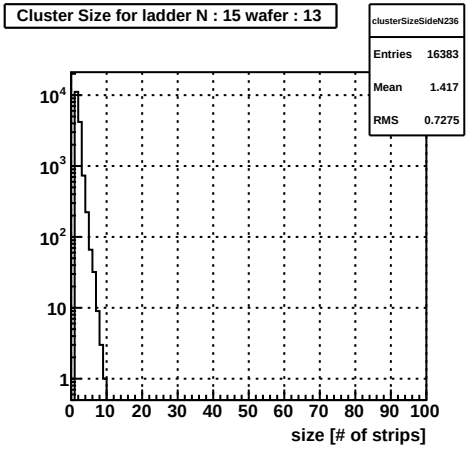

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 17352
Mean 1.376
RMS 0.7381
size [# of strips]

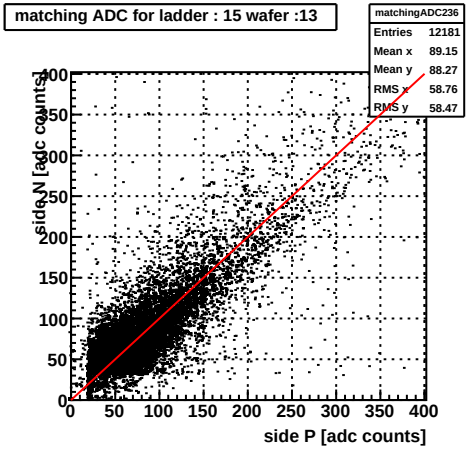

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 5683
Mean x 72.84
Mean y 74.5
RMS x 53.87
RMS y 54.77
side N [adc counts]
side P [adc counts]

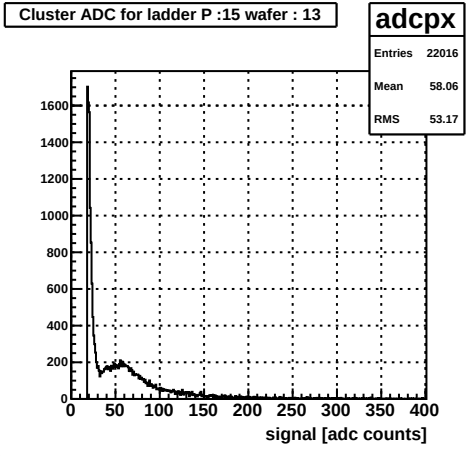

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 17469
Mean 49.03
RMS 45.62
signal [adc counts]

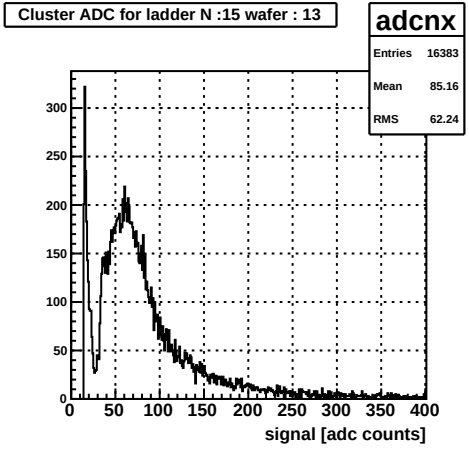

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 17352
Mean 53.92
RMS 49.37
signal [adc counts]

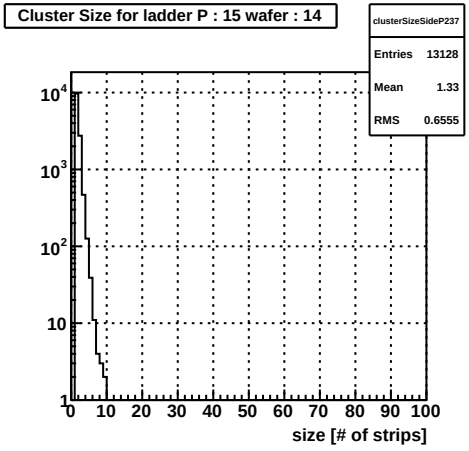

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 22016
Mean 1.258
RMS 0.5941
size [# of strips]

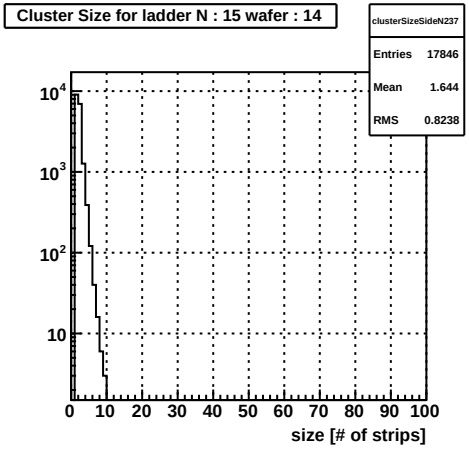

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 16383
Mean 1.417
RMS 0.7275
size [# of strips]

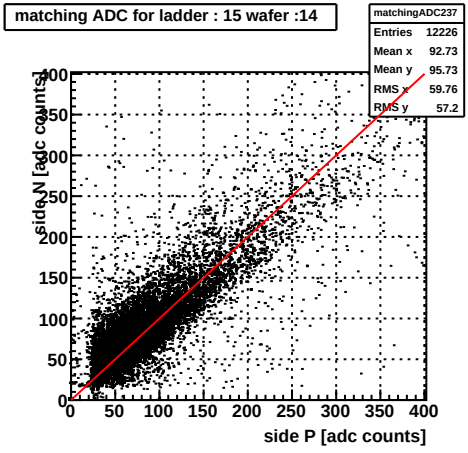

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 12181
Mean x 89.15
Mean y 88.27
RMS x 58.76
RMS y 58.47
side N [adc counts]
side P [adc counts]

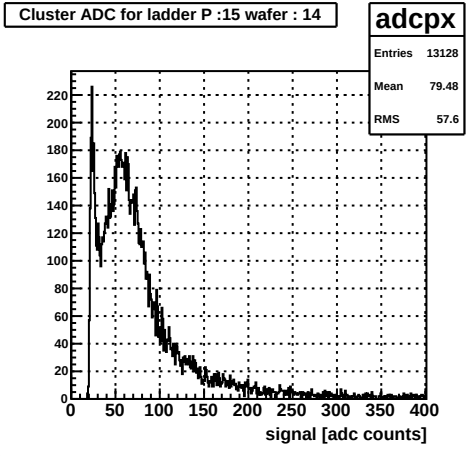

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 22016
Mean 58.06
RMS 53.17
signal [adc counts]

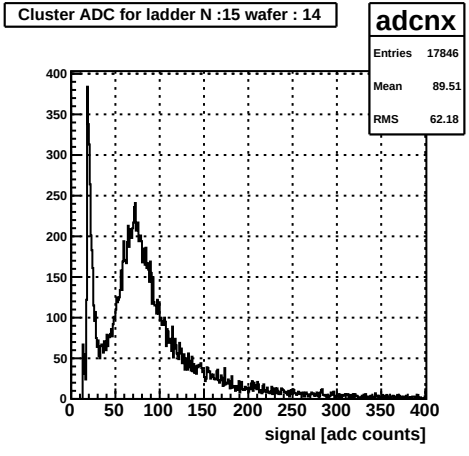

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 16383
Mean 85.16
RMS 62.24
signal [adc counts]

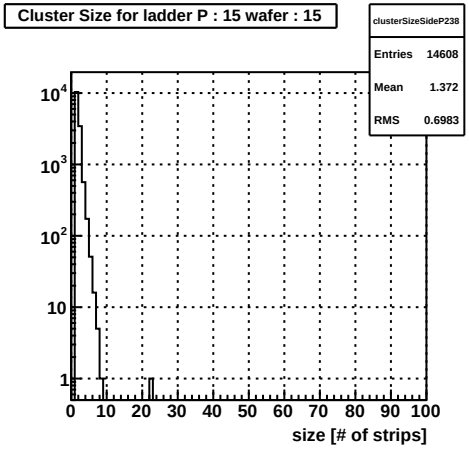

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 13128
Mean 1.33
RMS 0.6555
size [# of strips]

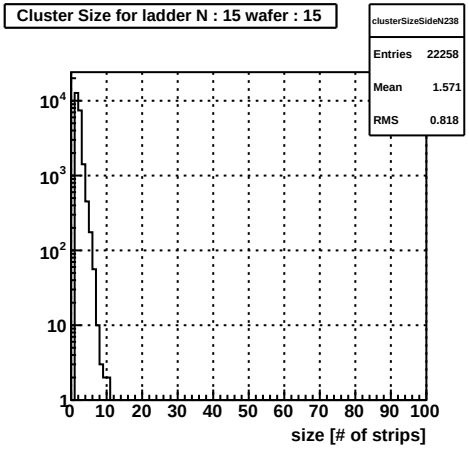

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 17846
Mean 1.644
RMS 0.8238
size [# of strips]

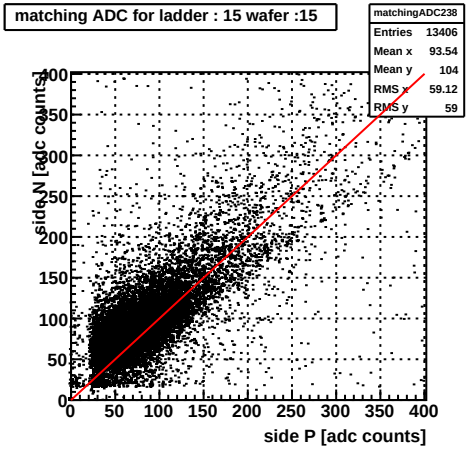

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 12226
Mean x 92.73
Mean y 95.73
RMS x 59.76
RMS y 57.2
side N [adc counts]
side P [adc counts]

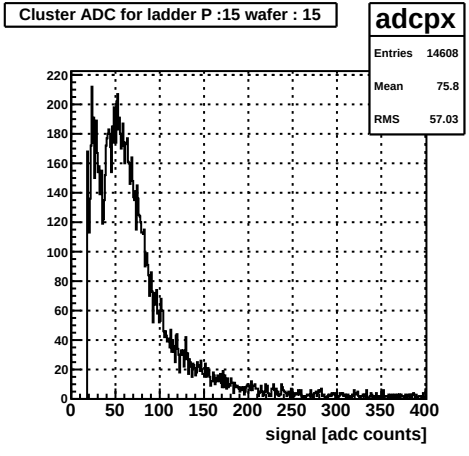

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 13128
Mean 79.48
RMS 57.6
signal [adc counts]

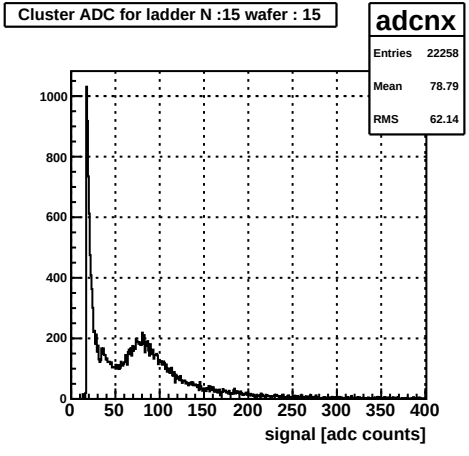

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 17846
Mean 89.51
RMS 62.18
signal [adc counts]

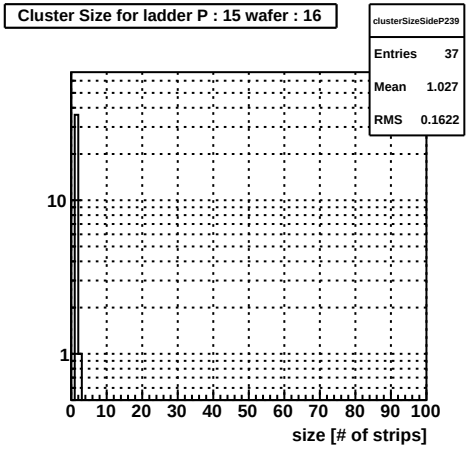

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 14608
Mean 1.372
RMS 0.6983
size [# of strips]

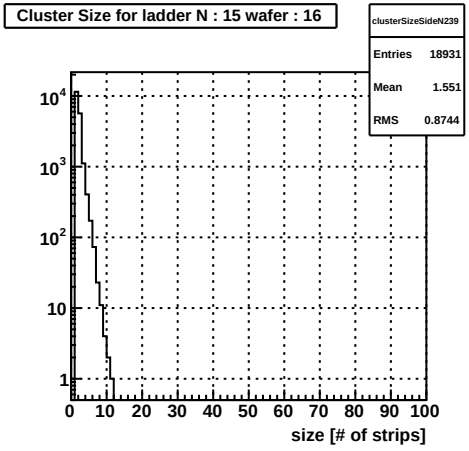

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 22258
Mean 1.571
RMS 0.818
size [# of strips]

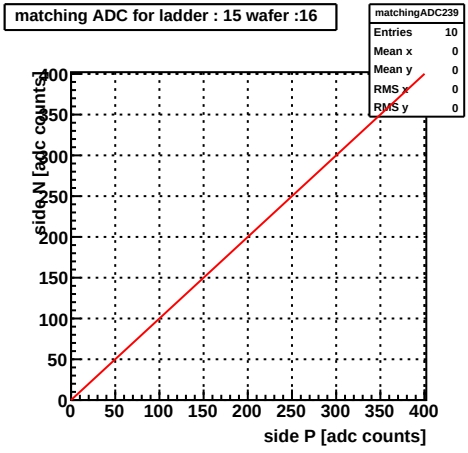

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 13406
Mean x 93.54
Mean y 104
RMS x 59.12
RMS y 59
side N [adc counts]
side P [adc counts]

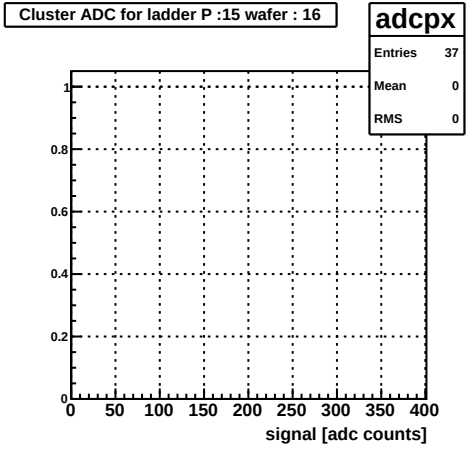

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 14608
Mean 75.8
RMS 57.03
signal [adc counts]

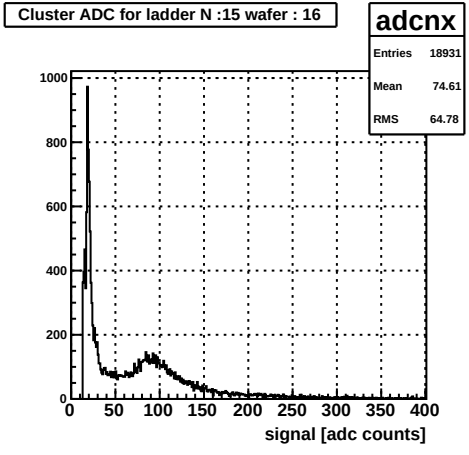

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 22258
Mean 78.79
RMS 62.14
signal [adc counts]

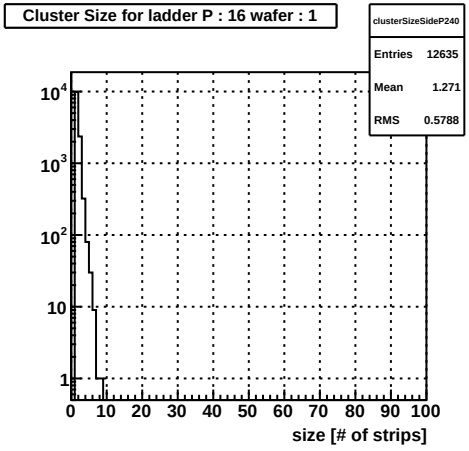

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 37
Mean 1.027
RMS 0.1622
size [# of strips]

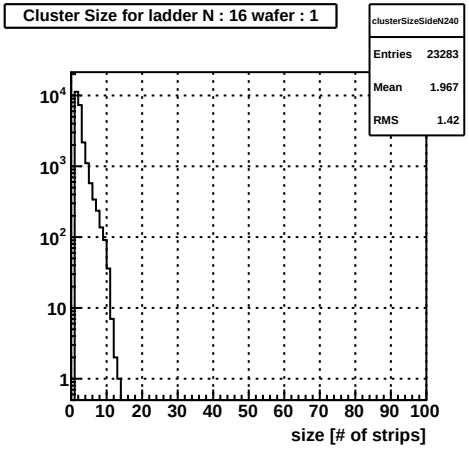

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 18931
Mean 1.551
RMS 0.8744
size [# of strips]

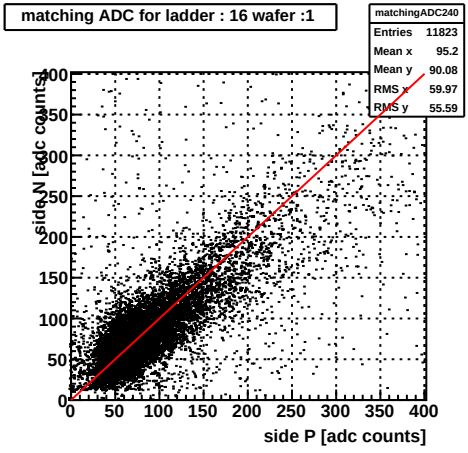

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 10
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

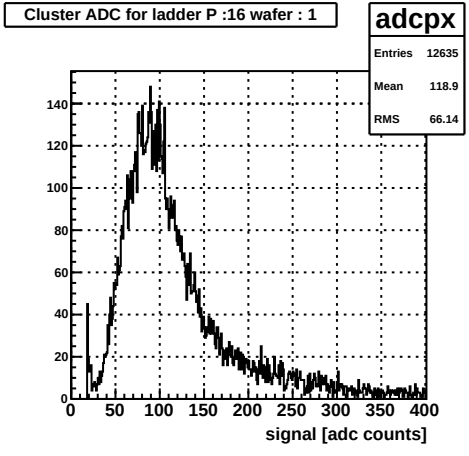

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 37
Mean 0
RMS 0
signal [adc counts]

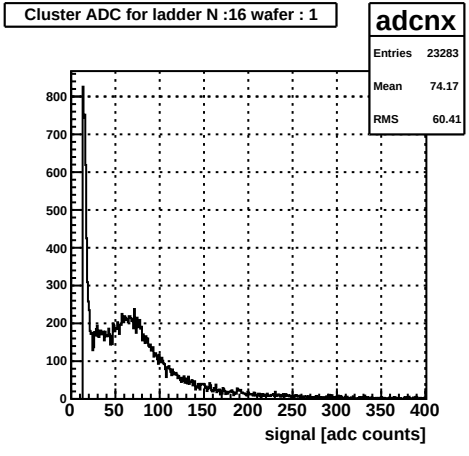

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 18931
Mean 74.61
RMS 64.78
signal [adc counts]

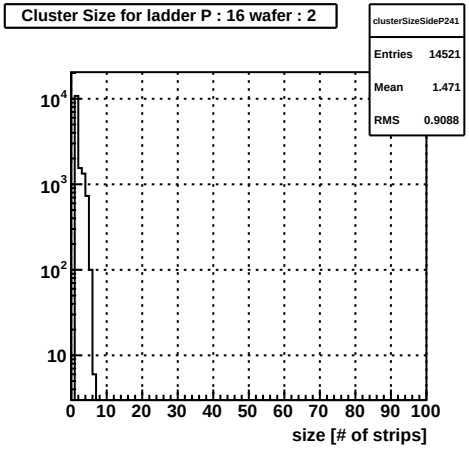

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 12635
Mean 1.271
RMS 0.5788
size [# of strips]

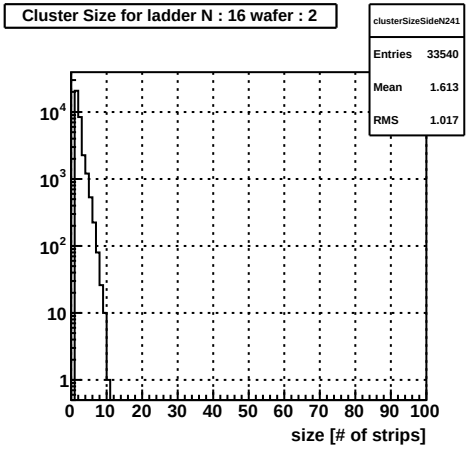

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 23283
Mean 1.967
RMS 1.42
size [# of strips]

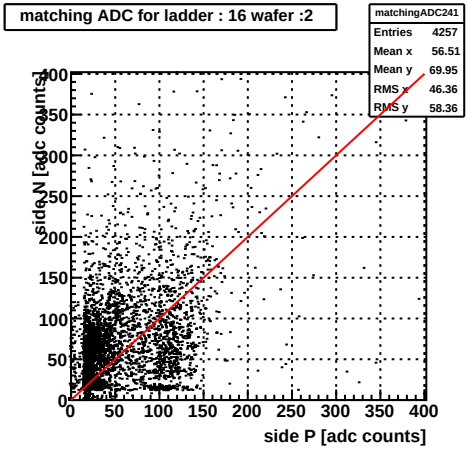

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 11823
Mean x 95.2
Mean y 90.08
RMS x 59.97
RMS y 55.59
side N [adc counts]
side P [adc counts]

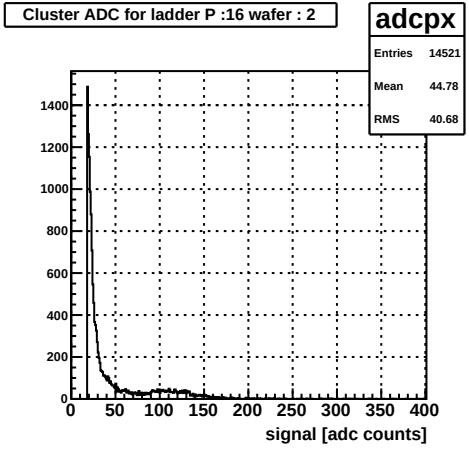

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 12635
Mean 118.9
RMS 66.14
signal [adc counts]

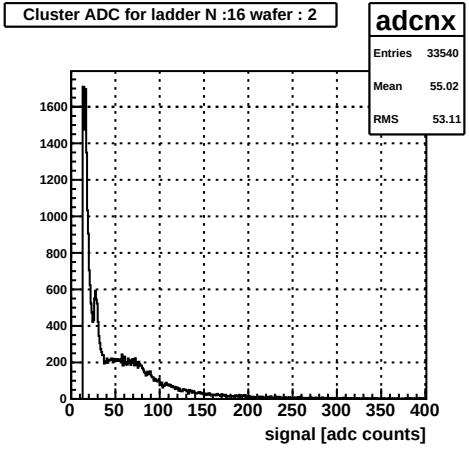

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 23283
Mean 74.17
RMS 60.41
signal [adc counts]

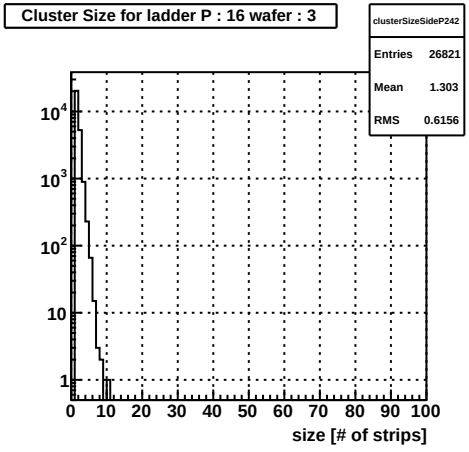

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14521
Mean 1.471
RMS 0.9088
size [# of strips]

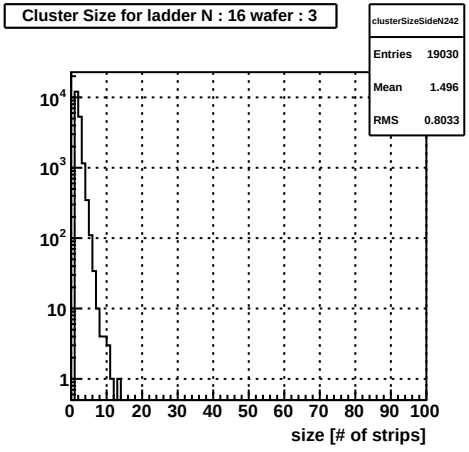

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 33540
Mean 1.613
RMS 1.017
size [# of strips]

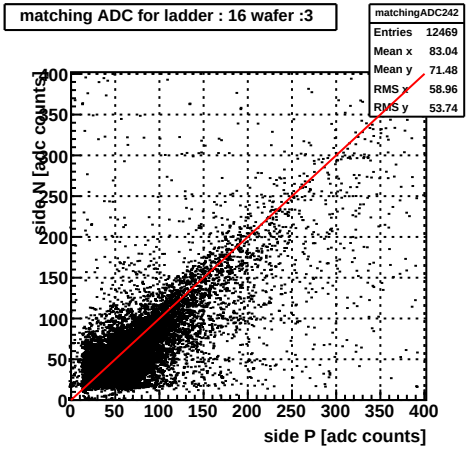

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 4257
Mean x 56.51
Mean y 69.95
RMS x 46.36
RMS y 58.36
side N [adc counts]
side P [adc counts]

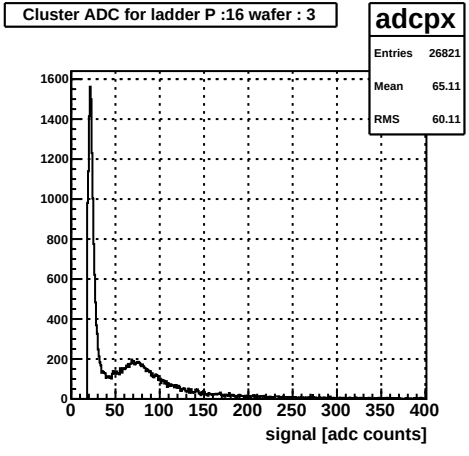

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14521
Mean 44.78
RMS 40.68
signal [adc counts]

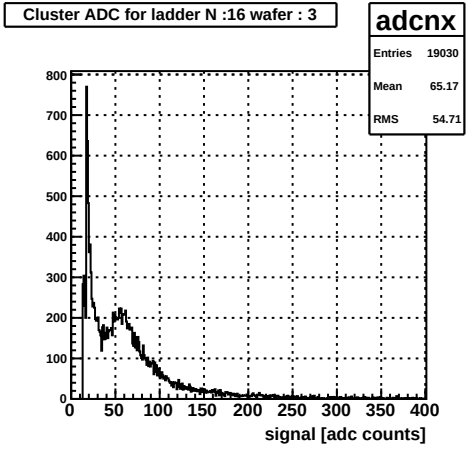

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 33540
Mean 55.02
RMS 53.11
signal [adc counts]

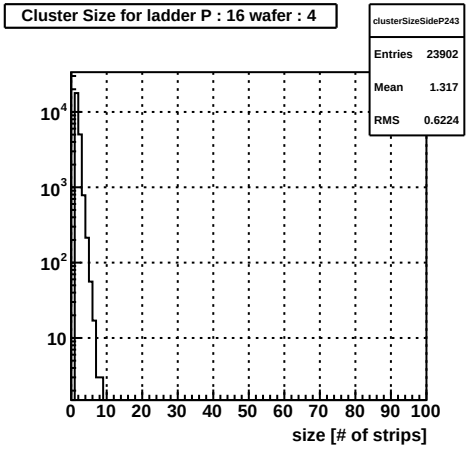

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 26821
Mean 1.303
RMS 0.6156
size [# of strips]

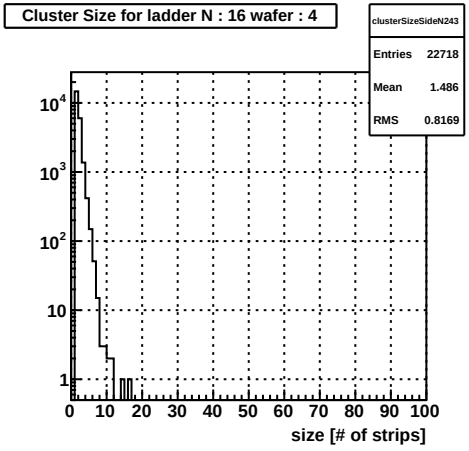

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 19030
Mean 1.496
RMS 0.8033
size [# of strips]

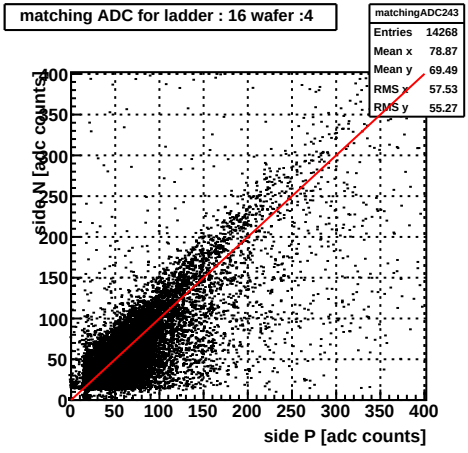

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 12469
Mean x 83.04
Mean y 71.48
RMS x 58.96
RMS y 53.74
side N [adc counts]
side P [adc counts]

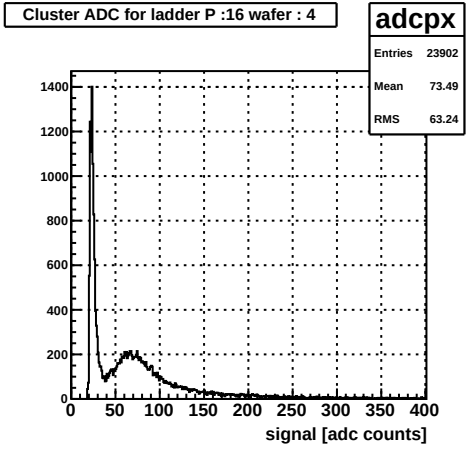

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 26821
Mean 65.11
RMS 60.11
signal [adc counts]

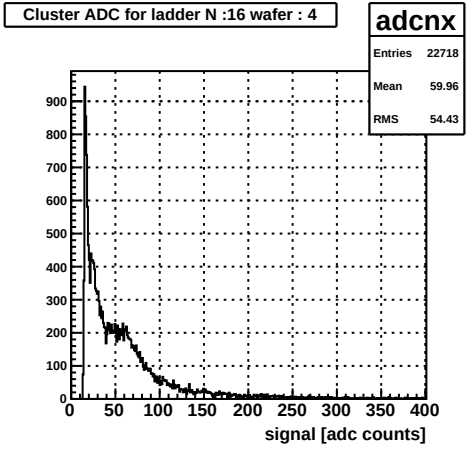

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 19030
Mean 65.17
RMS 54.71
signal [adc counts]

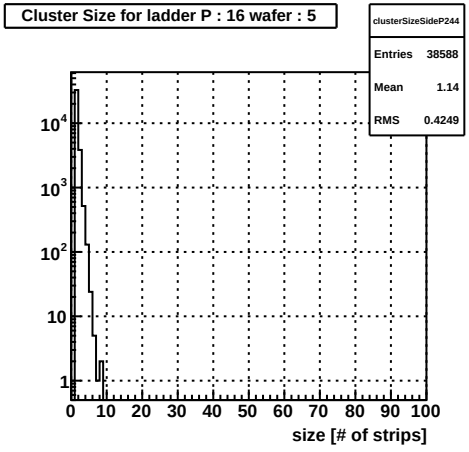

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 23902
Mean 1.317
RMS 0.6224
size [# of strips]

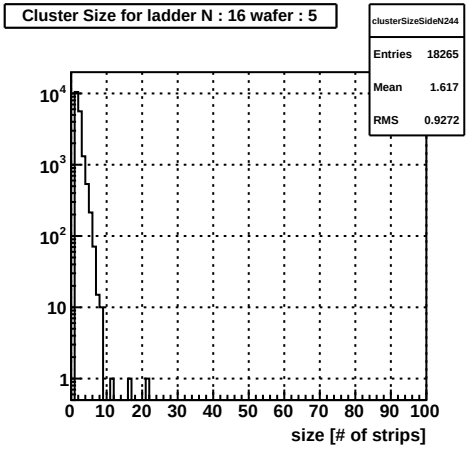

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 22718
Mean 1.486
RMS 0.8169
size [# of strips]

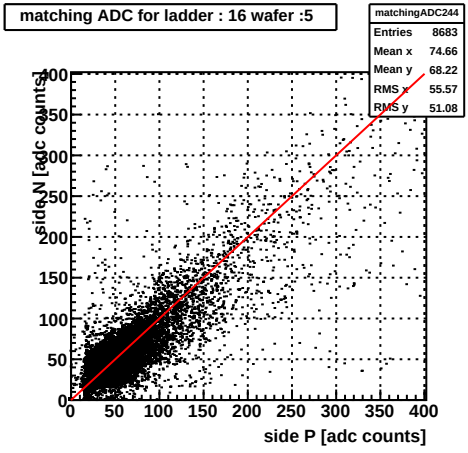

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 14268
Mean x 78.87
Mean y 69.49
RMS x 57.53
RMS y 55.27
side N [adc counts]
side P [adc counts]

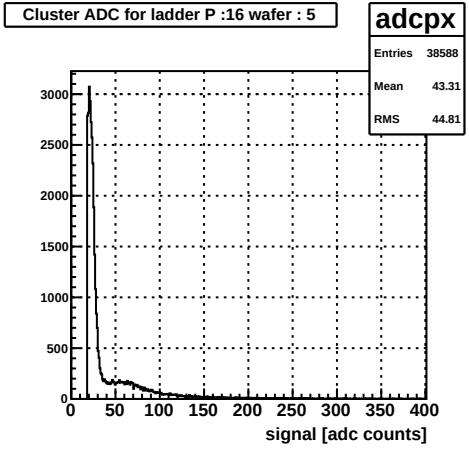

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 23902
Mean 73.49
RMS 63.24
signal [adc counts]

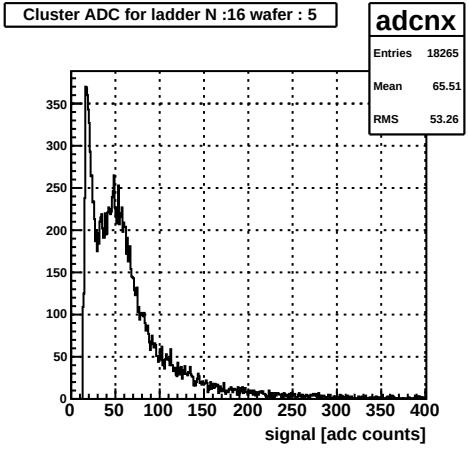

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 22718
Mean 59.96
RMS 54.43
signal [adc counts]

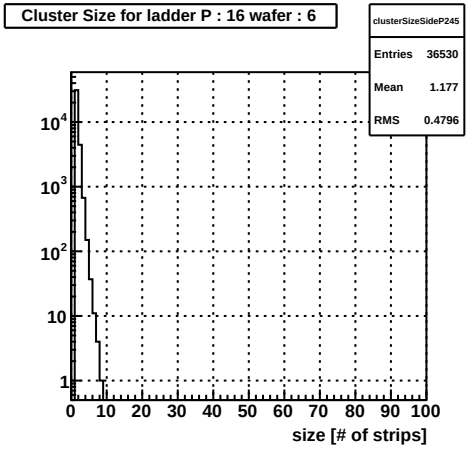

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 38588
Mean 1.14
RMS 0.4249
size [# of strips]

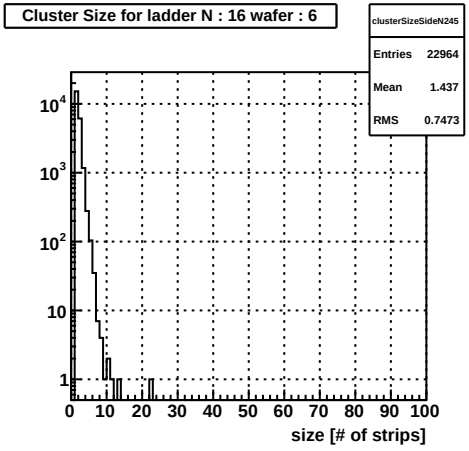

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 18265
Mean 1.617
RMS 0.9272
size [# of strips]

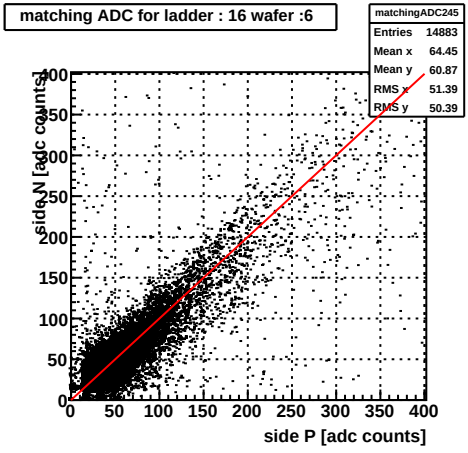

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 8683
Mean x 74.66
Mean y 68.22
RMS x 55.57
RMS y 51.08
side N [adc counts]
side P [adc counts]

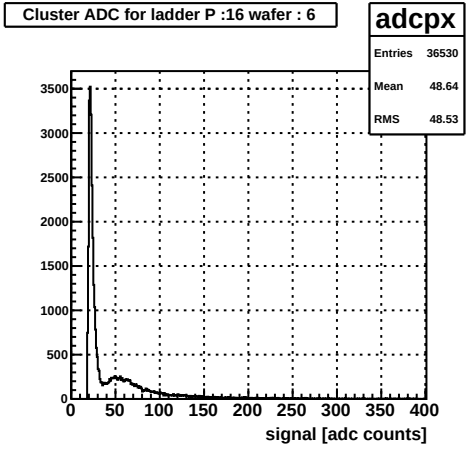

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 38588
Mean 43.31
RMS 44.81
signal [adc counts]

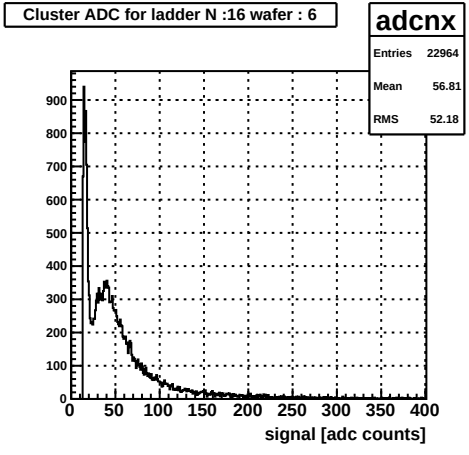

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 18265
Mean 65.51
RMS 53.26
signal [adc counts]

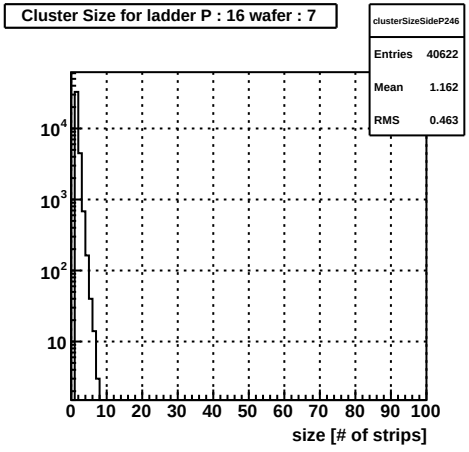

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 36530
Mean 1.177
RMS 0.4796
size [# of strips]

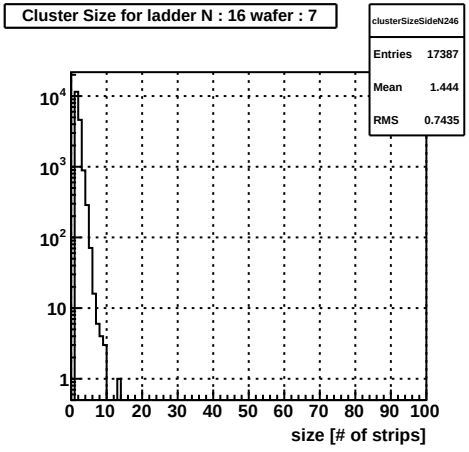

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 22964
Mean 1.437
RMS 0.7473
size [# of strips]

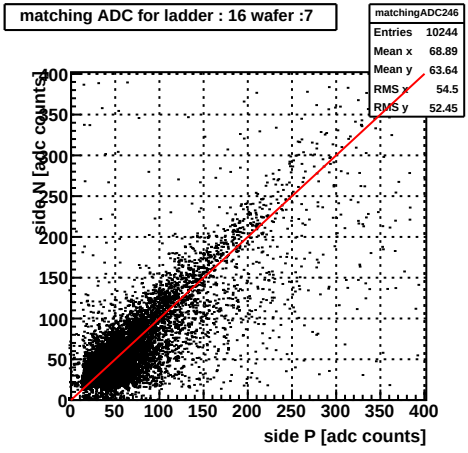

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 14883
Mean x 64.45
Mean y 60.87
RMS x 51.39
RMS y 50.39
side N [adc counts]
side P [adc counts]

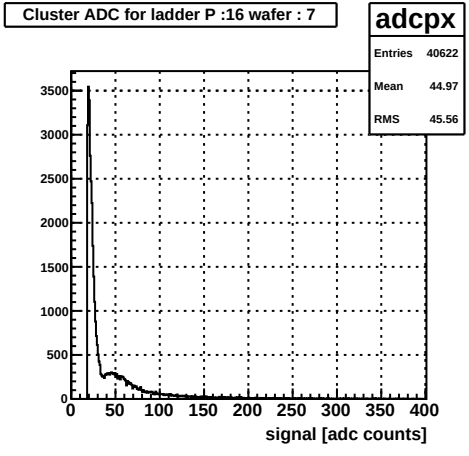

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 36530
Mean 48.64
RMS 48.53
signal [adc counts]

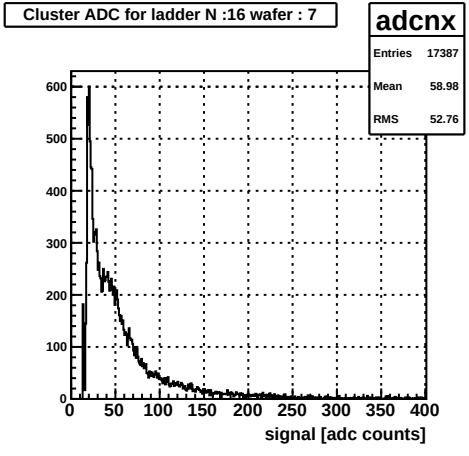

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 22964
Mean 56.81
RMS 52.18
signal [adc counts]

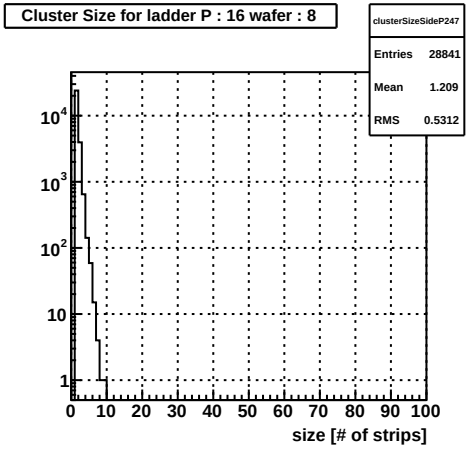

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 40622
Mean 1.162
RMS 0.463
size [# of strips]

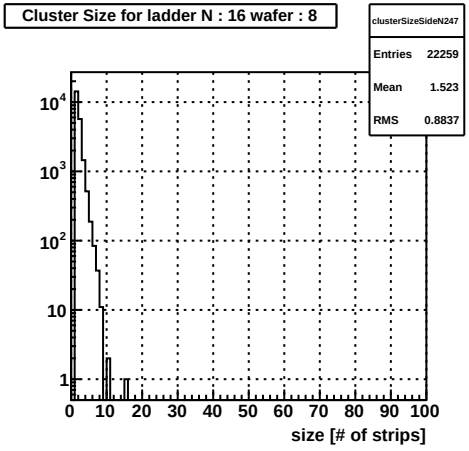

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 17387
Mean 1.444
RMS 0.7435
size [# of strips]

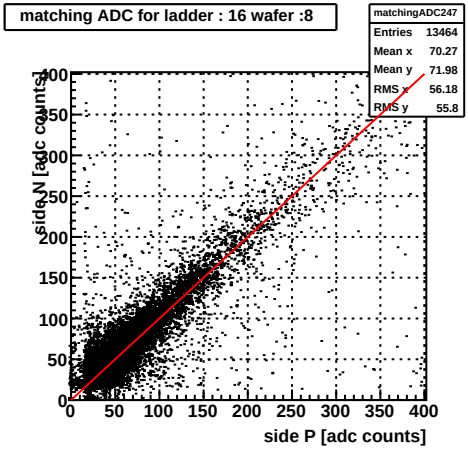

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 10244
Mean x 68.89
Mean y 63.64
RMS x 54.5
RMS y 52.45
side N [adc counts]
side P [adc counts]

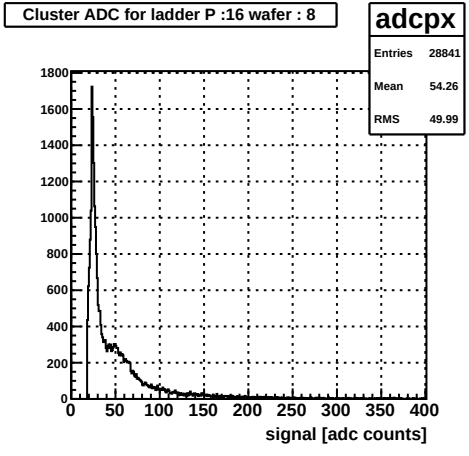

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 40622
Mean 44.97
RMS 45.56
signal [adc counts]

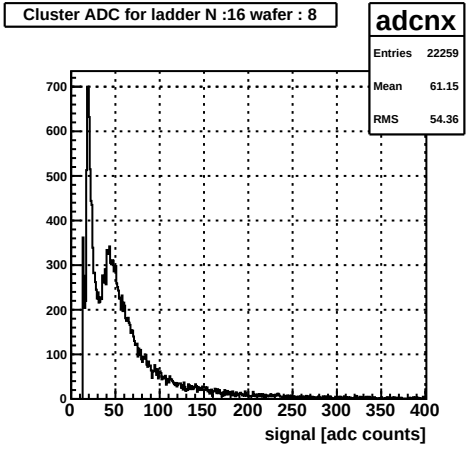

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 17387
Mean 58.98
RMS 52.76
signal [adc counts]

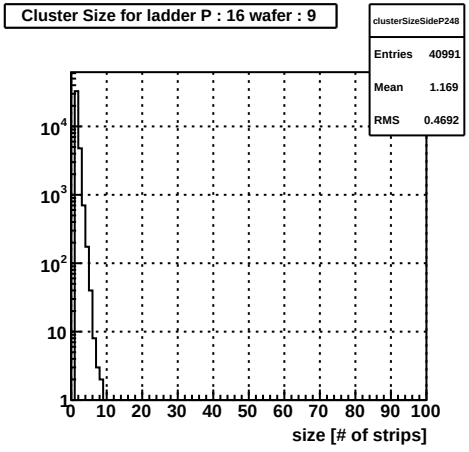

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 28841
Mean 1.209
RMS 0.5312
size [# of strips]

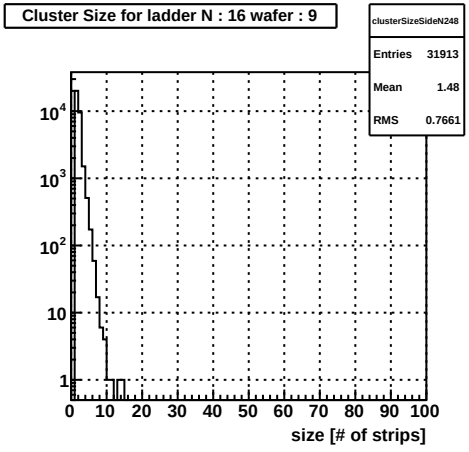

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 22259
Mean 1.523
RMS 0.8837
size [# of strips]

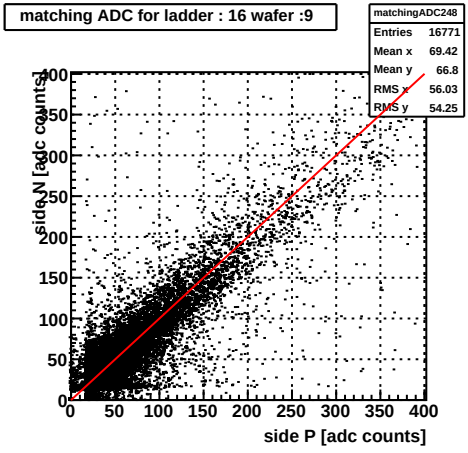

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 13464
Mean x 70.27
Mean y 71.98
RMS x 56.18
RMS y 55.8
side N [adc counts]
side P [adc counts]

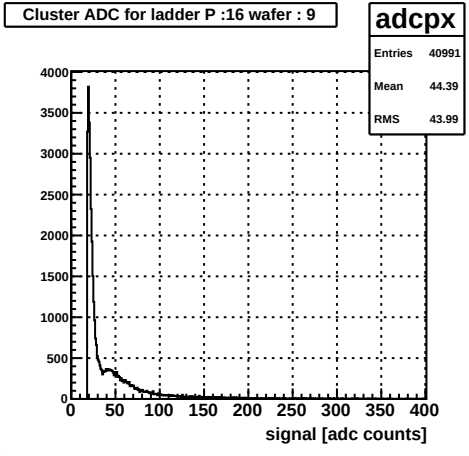

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 28841
Mean 54.26
RMS 49.99
signal [adc counts]

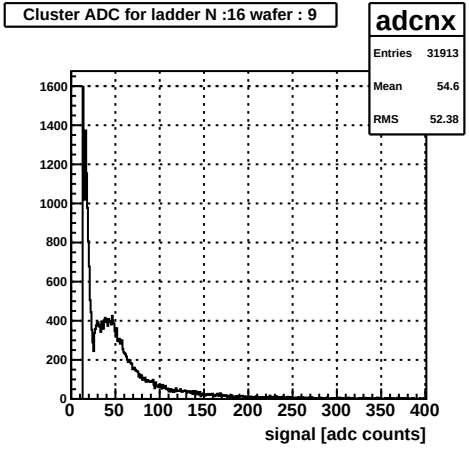

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 22259
Mean 61.15
RMS 54.36
signal [adc counts]

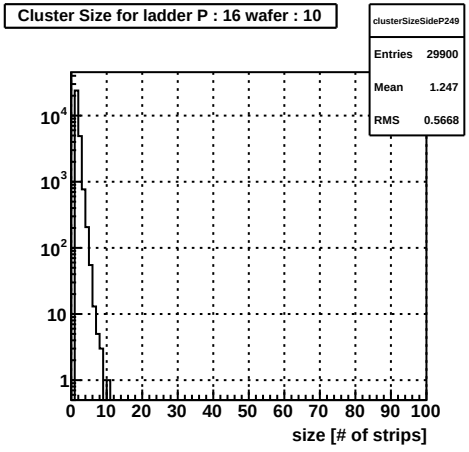

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 40991
Mean 1.169
RMS 0.4692
size [# of strips]

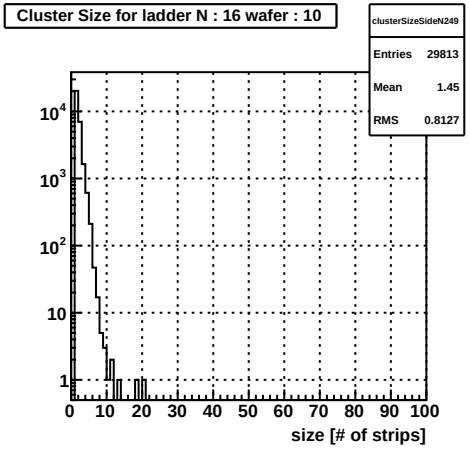

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 31913
Mean 1.48
RMS 0.7661
size [# of strips]

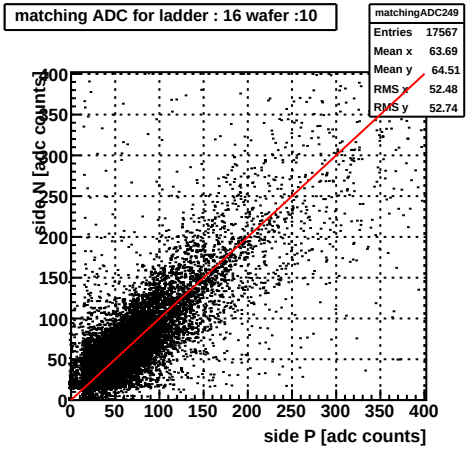

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 16771
Mean x 69.42
Mean y 66.8
RMS x 56.03
RMS y 54.25
side N [adc counts]
side P [adc counts]

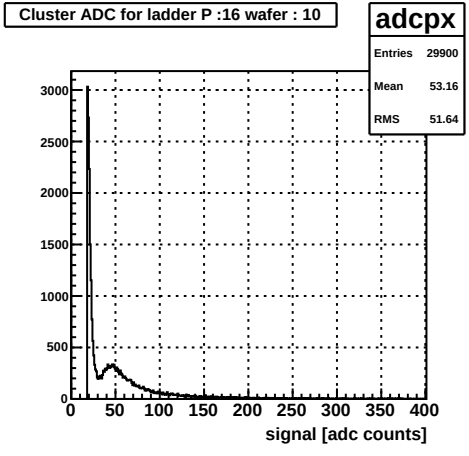

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 40991
Mean 44.39
RMS 43.99
signal [adc counts]

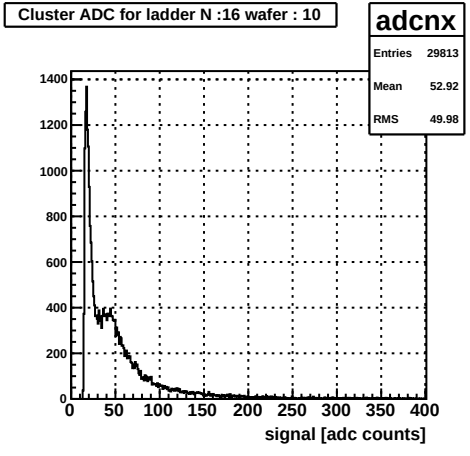

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 31913
Mean 54.6
RMS 52.38
signal [adc counts]

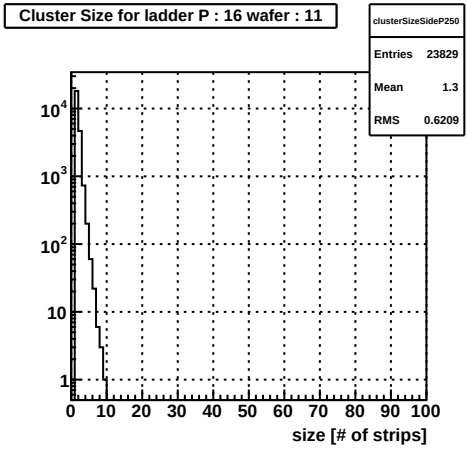

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 29900
Mean 1.247
RMS 0.5668
size [# of strips]

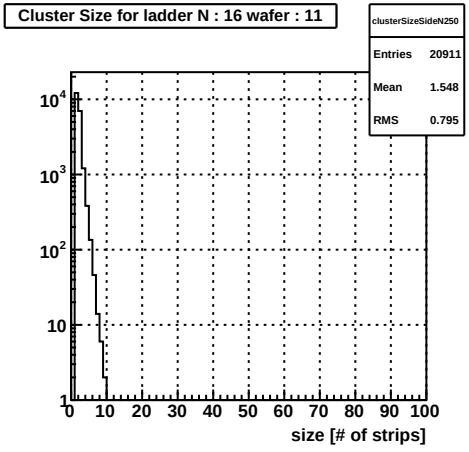

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 29813
Mean 1.45
RMS 0.8127
size [# of strips]

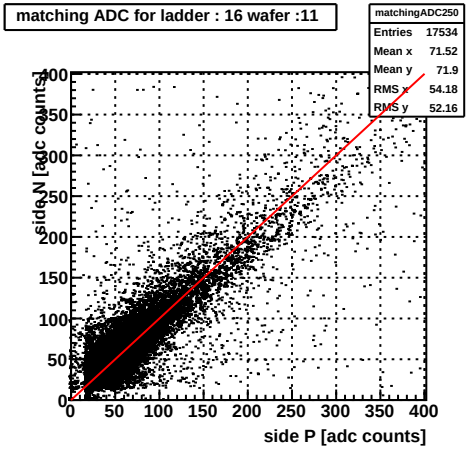

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 17567
Mean x 63.69
Mean y 64.51
RMS x 52.48
RMS y 52.74
side N [adc counts]
side P [adc counts]

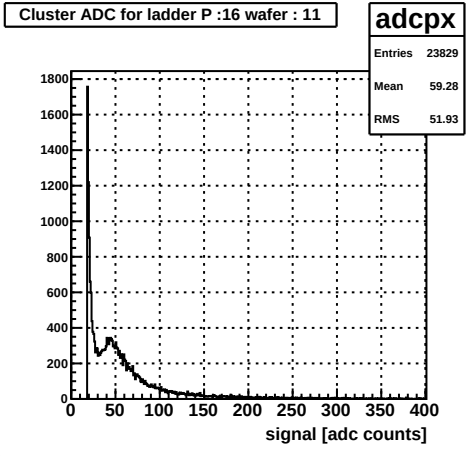

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 29900
Mean 53.16
RMS 51.64
signal [adc counts]

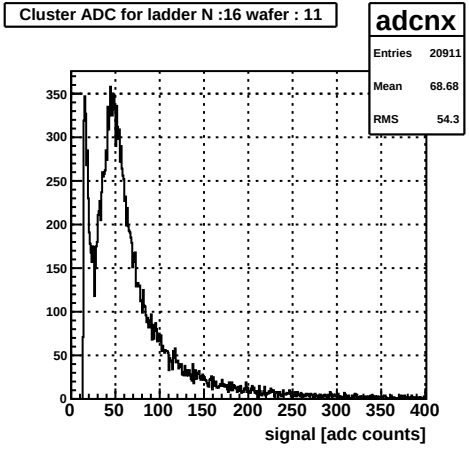

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 29813
Mean 52.92
RMS 49.98
signal [adc counts]

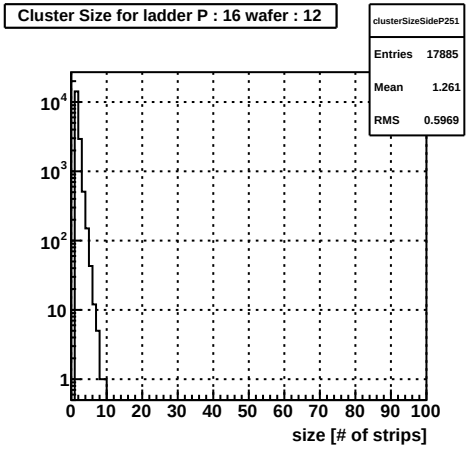

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 23829
Mean 1.3
RMS 0.6209
size [# of strips]

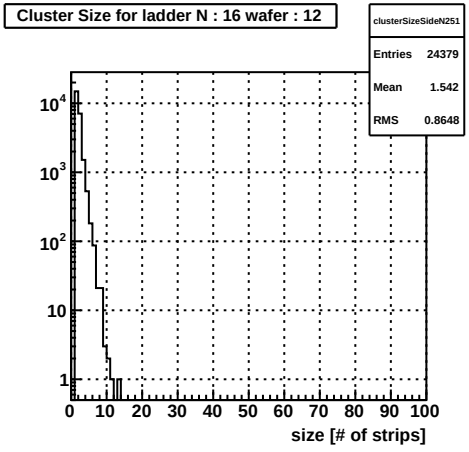

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 20911
Mean 1.548
RMS 0.795
size [# of strips]

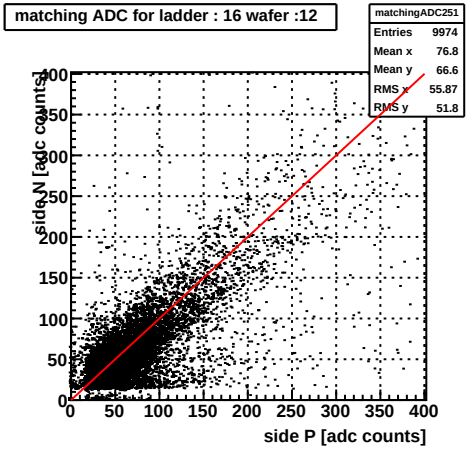

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 17534
Mean x 71.52
Mean y 71.9
RMS x 54.18
RMS y 52.16
side N [adc counts]
side P [adc counts]

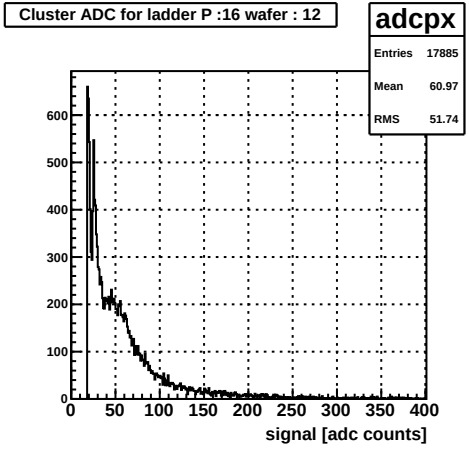

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 23829
Mean 59.28
RMS 51.93
signal [adc counts]

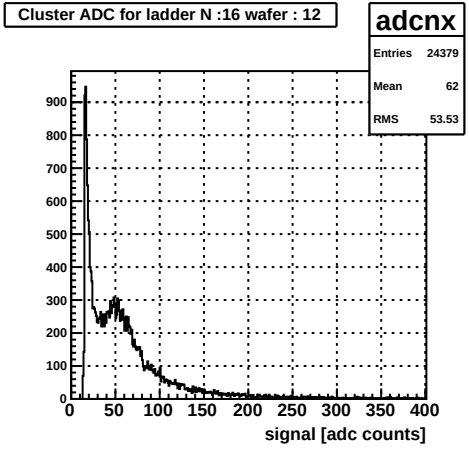

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 20911
Mean 68.68
RMS 54.3
signal [adc counts]

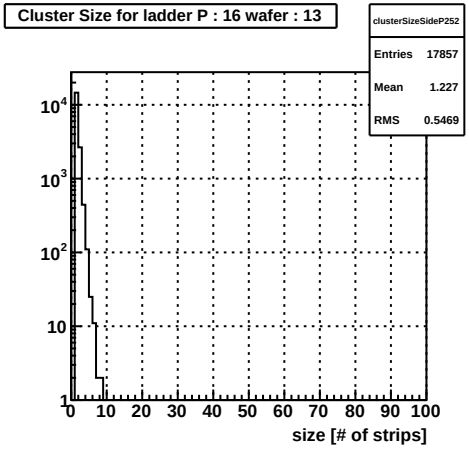

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 17885
Mean 1.261
RMS 0.5969
size [# of strips]

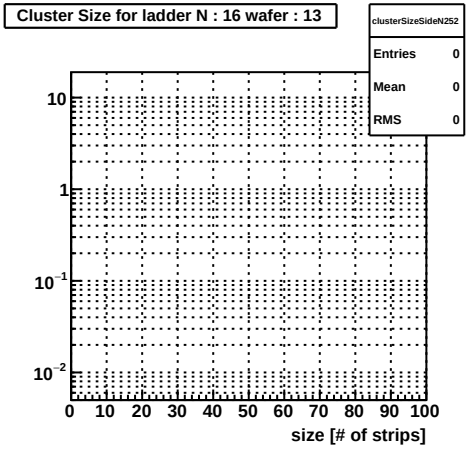

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 24379
Mean 1.542
RMS 0.8648
size [# of strips]

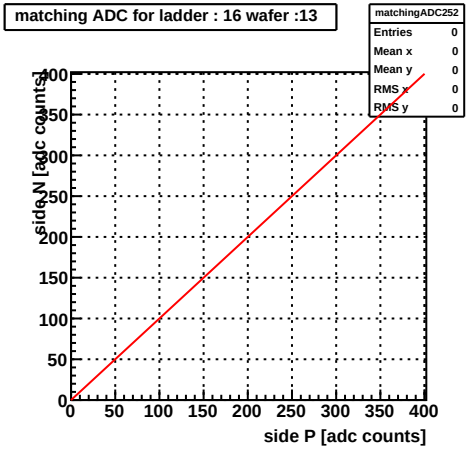

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 9974
Mean x 76.8
Mean y 66.6
RMS x 55.87
RMS y 51.8
side N [adc counts]
side P [adc counts]

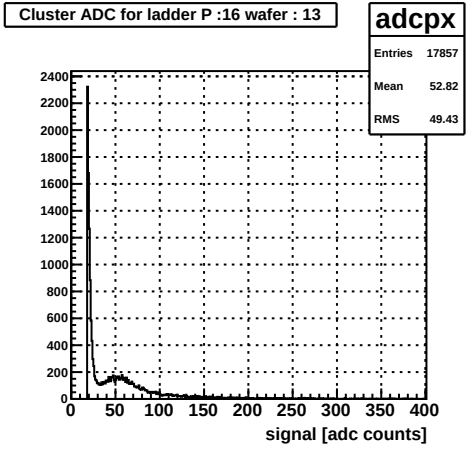

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 17885
Mean 60.97
RMS 51.74
signal [adc counts]

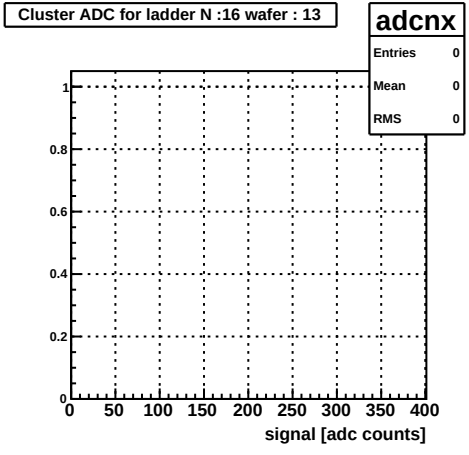

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 24379
Mean 62
RMS 53.53
signal [adc counts]

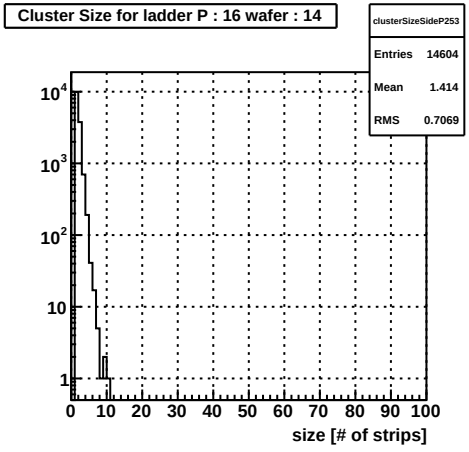

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 17857
Mean 1.227
RMS 0.5469
size [# of strips]

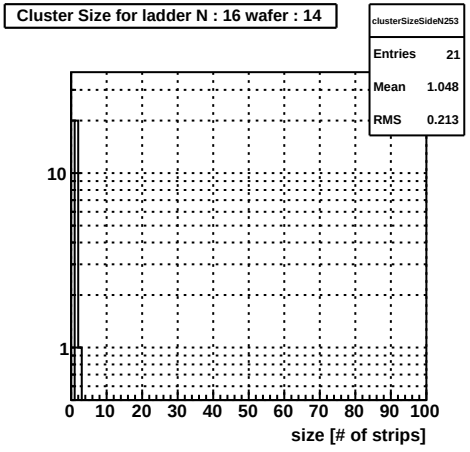

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

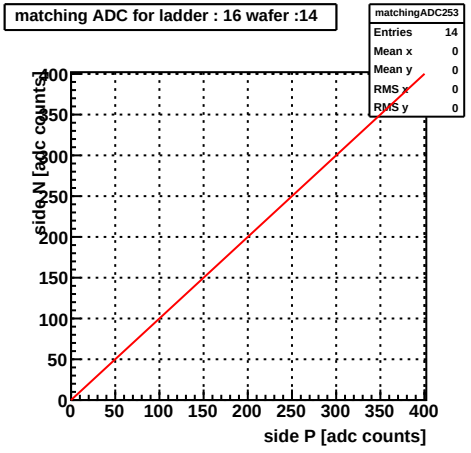

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

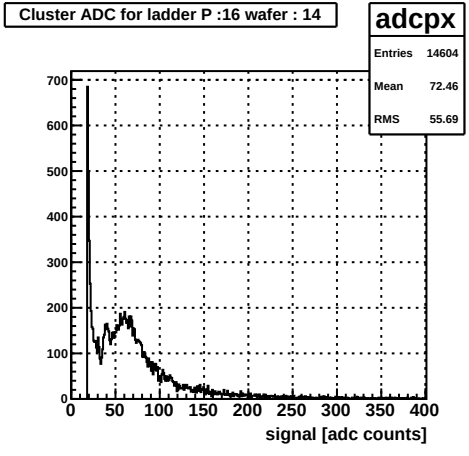

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 17857
Mean 52.82
RMS 49.43
signal [adc counts]

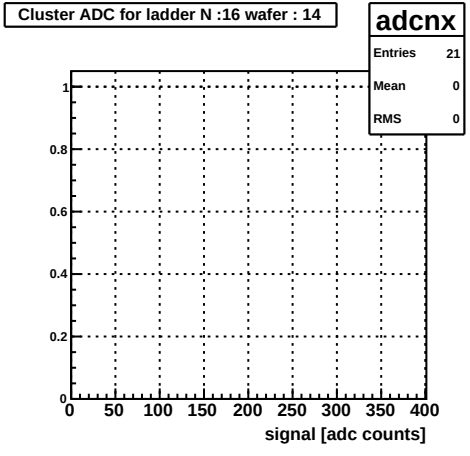

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

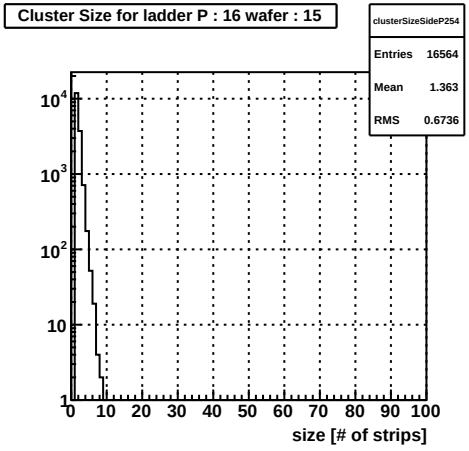

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 14604
Mean 1.414
RMS 0.7069
size [# of strips]

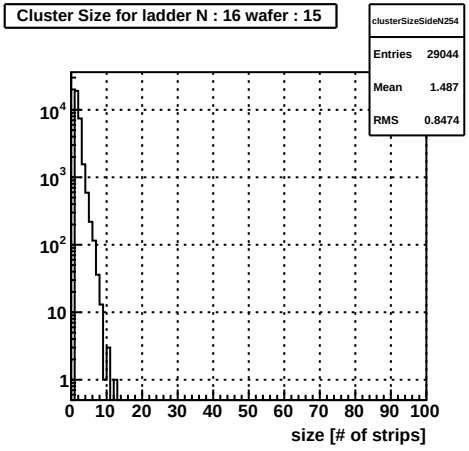

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

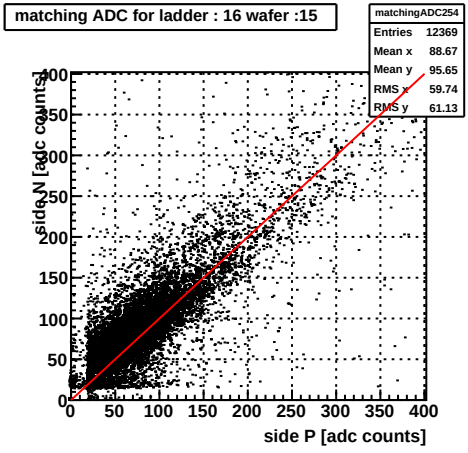

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 14
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

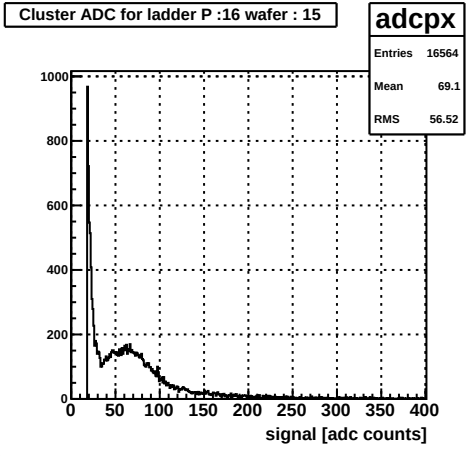

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 14604
Mean 72.46
RMS 55.69
signal [adc counts]

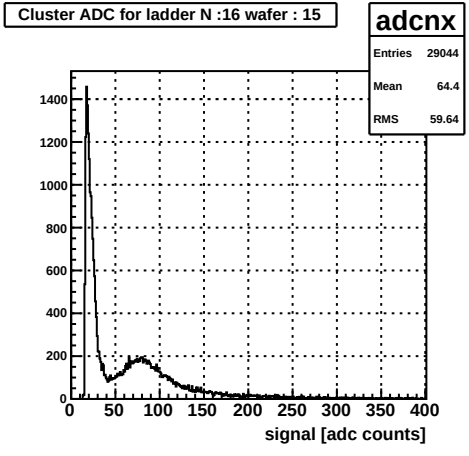

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 21
Mean 0
RMS 0
signal [adc counts]

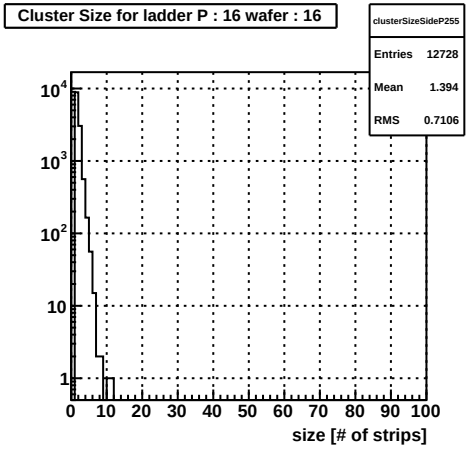

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 16564
Mean 1.363
RMS 0.6736
size [# of strips]

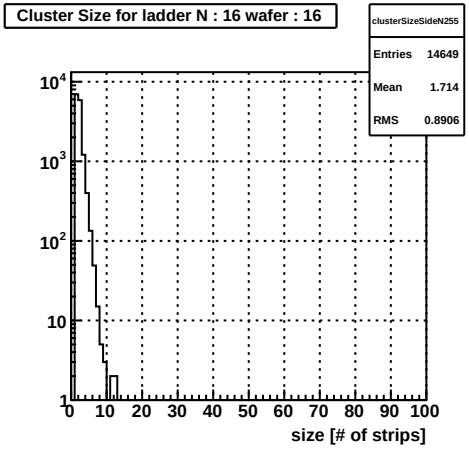

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 29044
Mean 1.487
RMS 0.8474
size [# of strips]

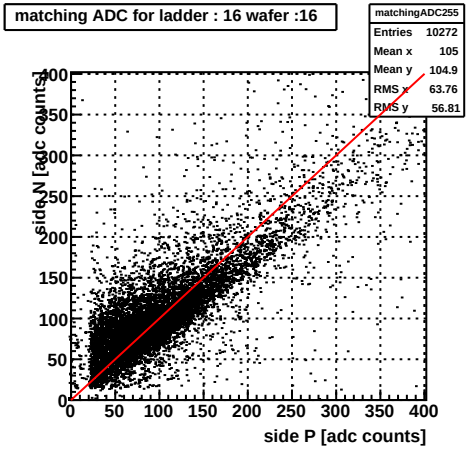

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 12369
Mean x 88.67
Mean y 95.65
RMS x 59.74
RMS y 61.13
side N [adc counts]
side P [adc counts]

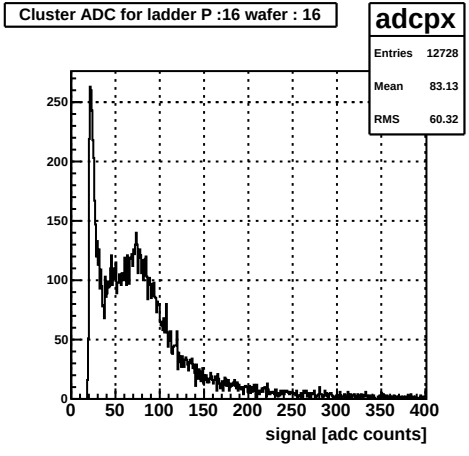

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 16564
Mean 69.1
RMS 56.52
signal [adc counts]

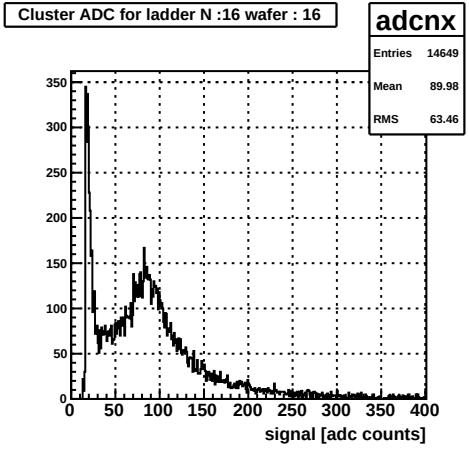

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 29044
Mean 64.4
RMS 59.64
signal [adc counts]

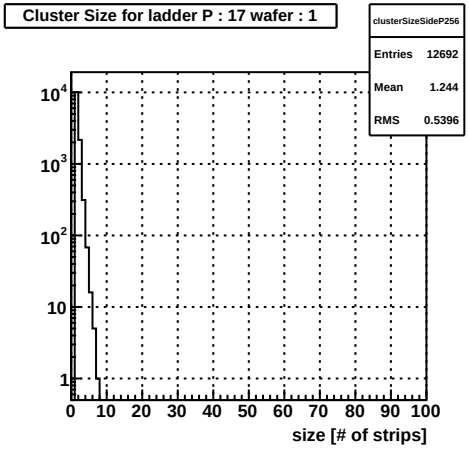

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 12728
Mean 1.394
RMS 0.7106
size [# of strips]

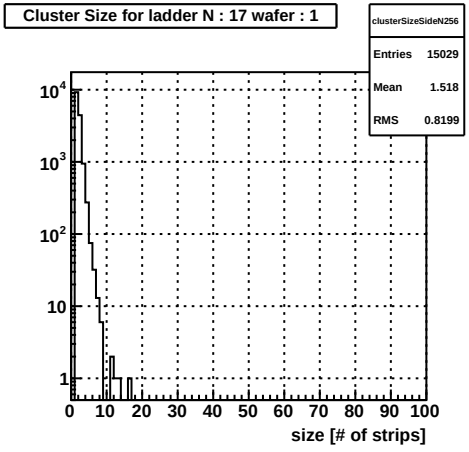

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 14649
Mean 1.714
RMS 0.8906
size [# of strips]

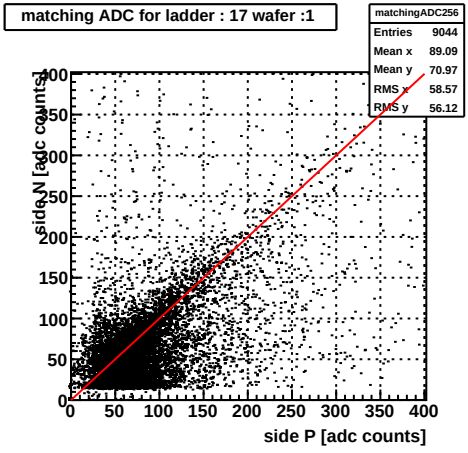

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 10272
Mean x 105
Mean y 104.9
RMS x 63.76
RMS y 56.81
side N [adc counts]
side P [adc counts]

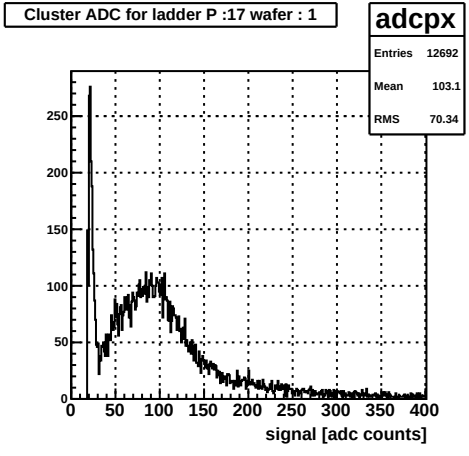

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 12728
Mean 83.13
RMS 60.32
signal [adc counts]

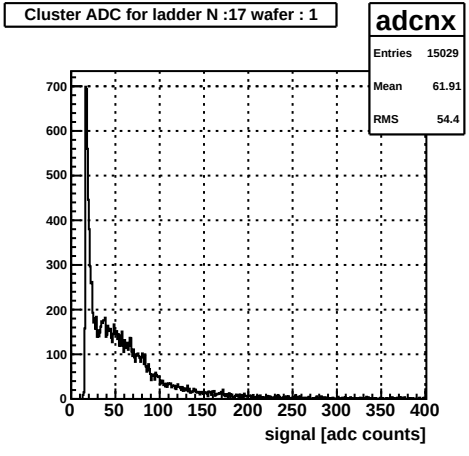

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 14649
Mean 89.98
RMS 63.46
signal [adc counts]

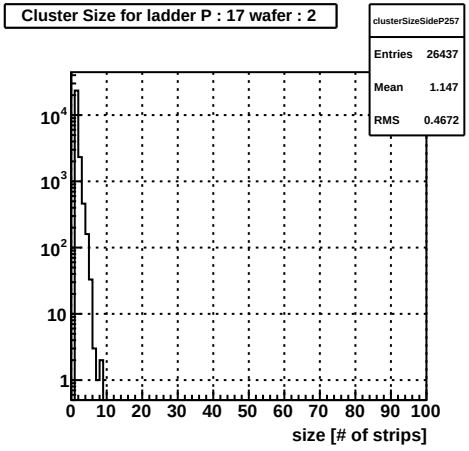

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 12692
Mean 1.244
RMS 0.5396
size [# of strips]

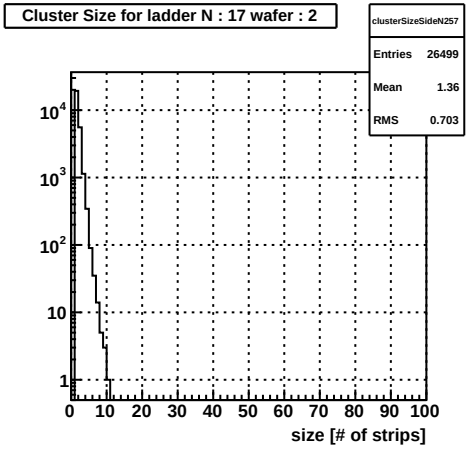

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 15029
Mean 1.518
RMS 0.8199
size [# of strips]

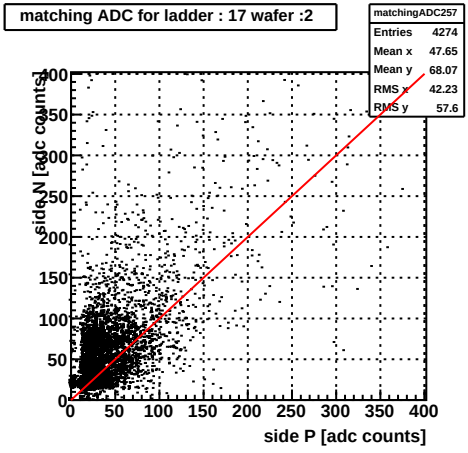

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 9044
Mean x 89.09
Mean y 70.97
RMS x 58.57
RMS y 56.12
side N [adc counts]
side P [adc counts]

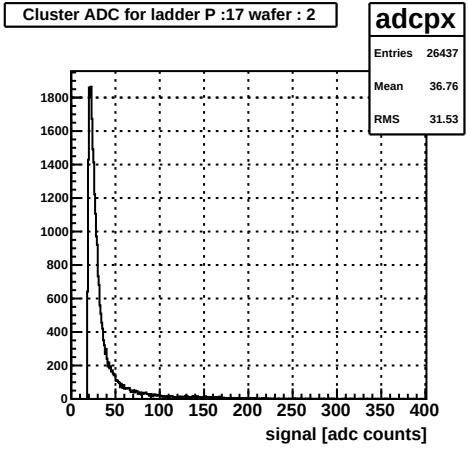

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 12692
Mean 103.1
RMS 70.34
signal [adc counts]

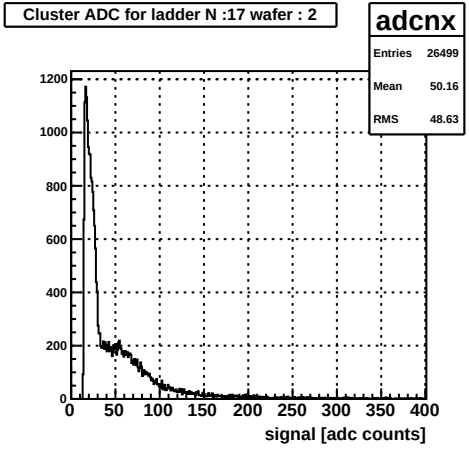

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 15029
Mean 61.91
RMS 54.4
signal [adc counts]

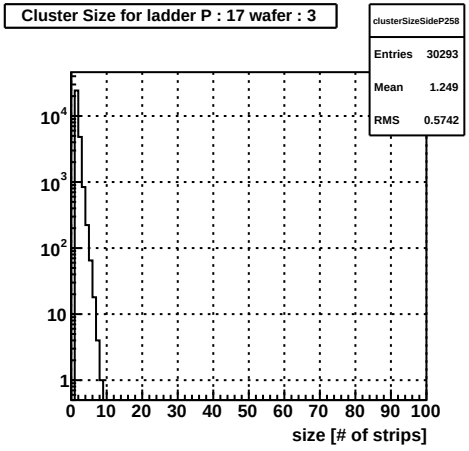

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 26437
Mean 1.147
RMS 0.4672
size [# of strips]

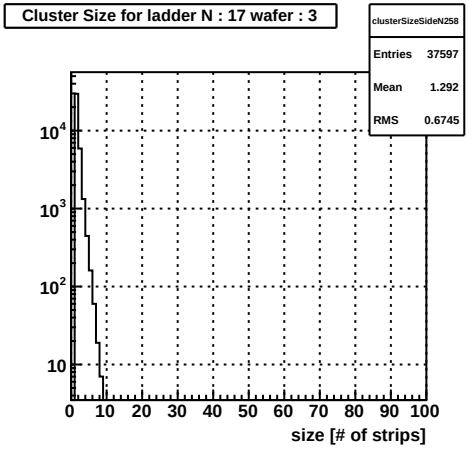

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 26499
Mean 1.36
RMS 0.703
size [# of strips]

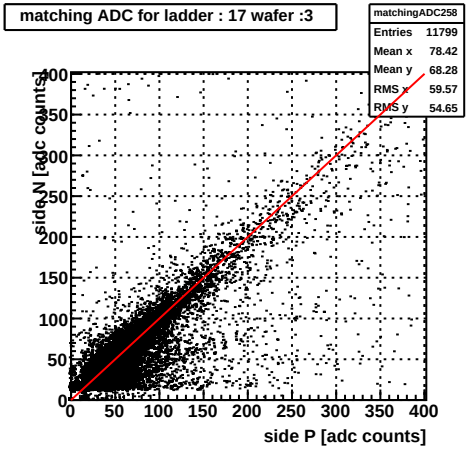

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 4274
Mean x 47.65
Mean y 68.07
RMS x 42.23
RMS y 57.6
side N [adc counts]
side P [adc counts]

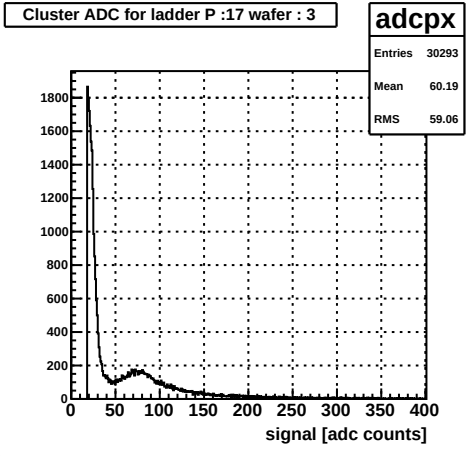

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 26437
Mean 36.76
RMS 31.53
signal [adc counts]

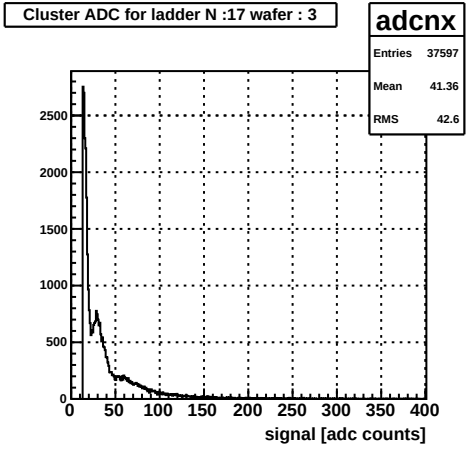

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 26499
Mean 50.16
RMS 48.63
signal [adc counts]

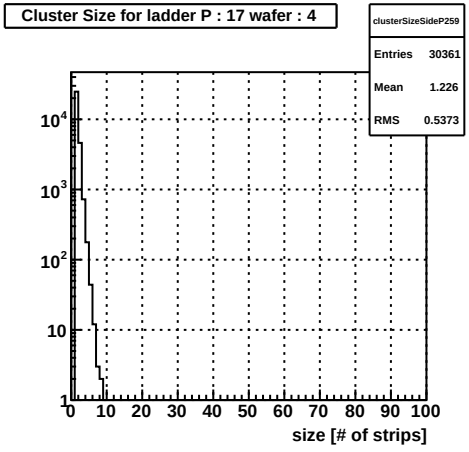

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 30293
Mean 1.249
RMS 0.5742
size [# of strips]

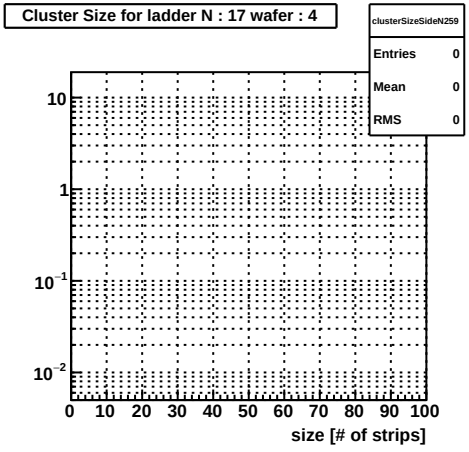

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 37597
Mean 1.292
RMS 0.6745
size [# of strips]

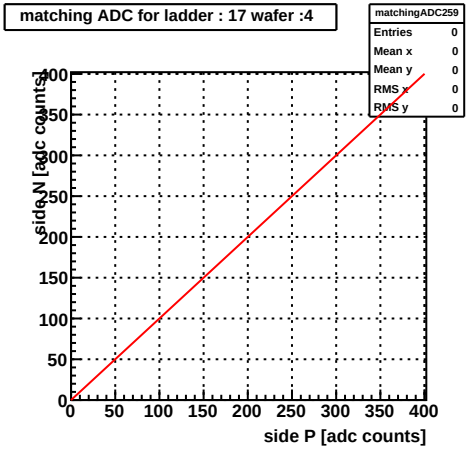

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 11799
Mean x 78.42
Mean y 68.28
RMS x 59.57
RMS y 54.65
side N [adc counts]
side P [adc counts]

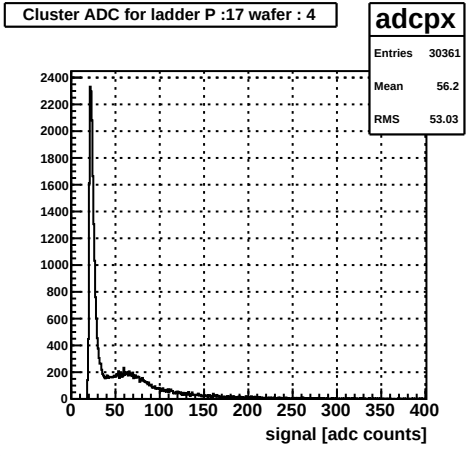

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 30293
Mean 60.19
RMS 59.06
signal [adc counts]

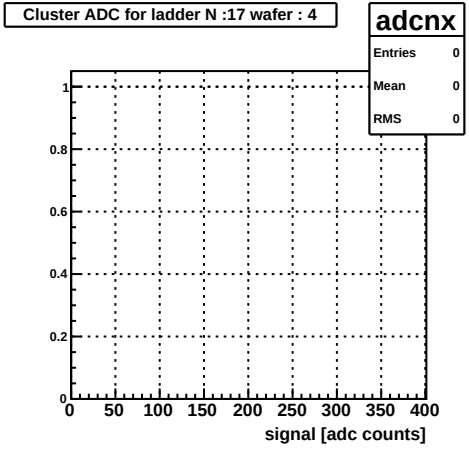

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 37597
Mean 41.36
RMS 42.6
signal [adc counts]

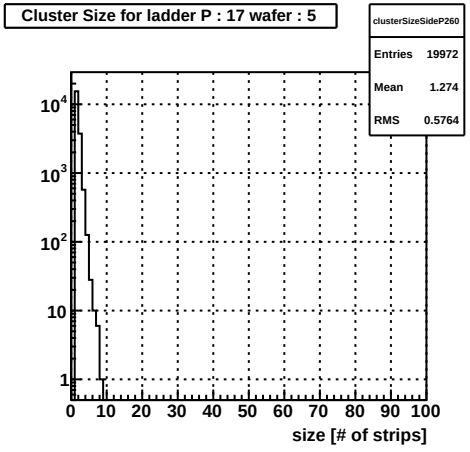

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 30361
Mean 1.226
RMS 0.5373
size [# of strips]

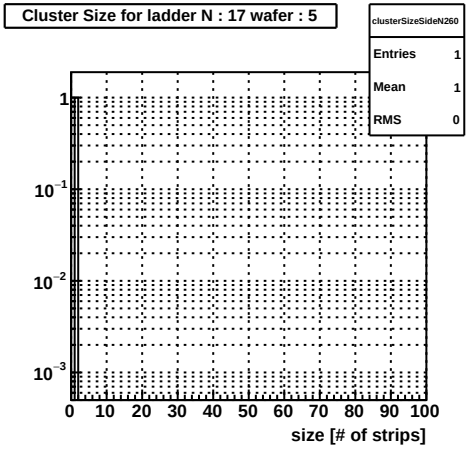

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

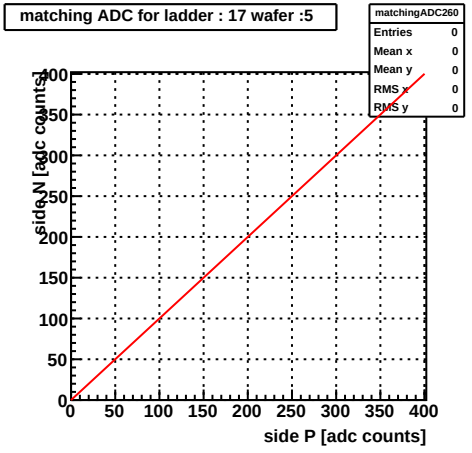

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

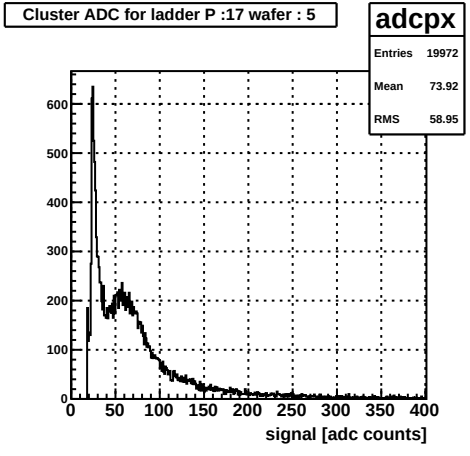

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 30361
Mean 56.2
RMS 53.03
signal [adc counts]

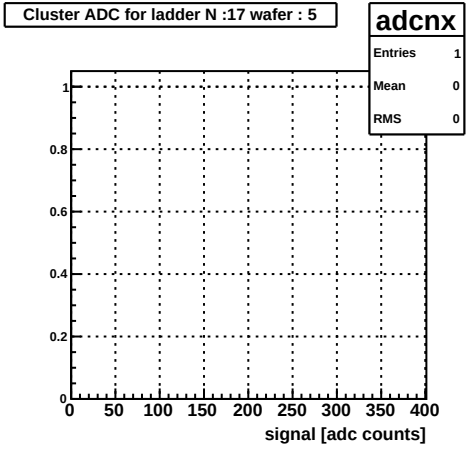

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

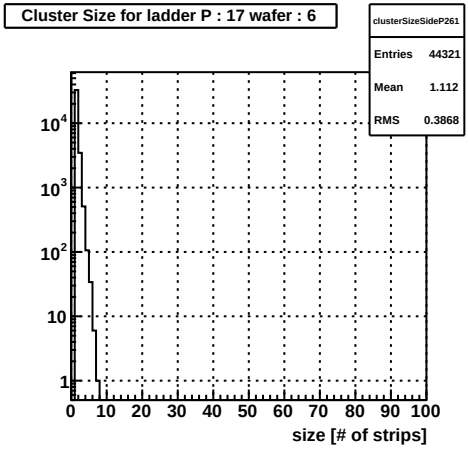

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 19972
Mean 1.274
RMS 0.5764
size [# of strips]

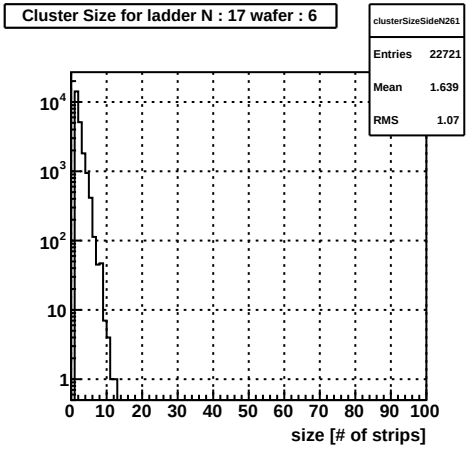

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

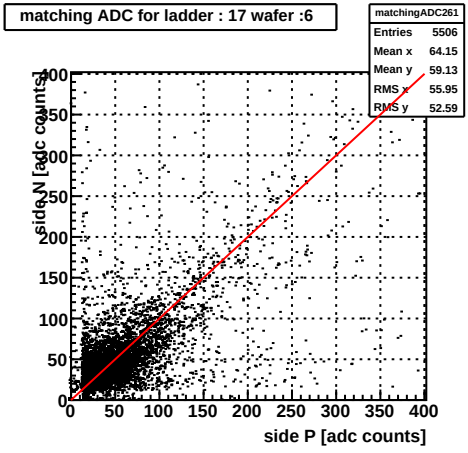

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

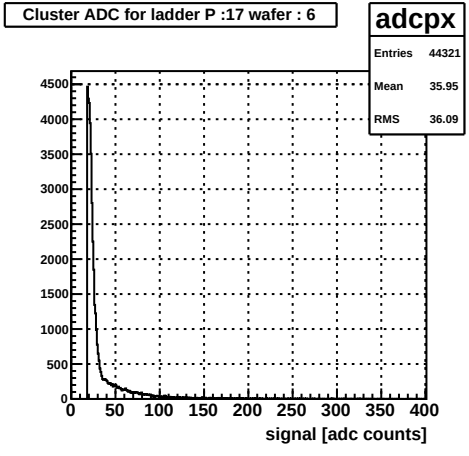

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 19972
Mean 73.92
RMS 58.95
signal [adc counts]

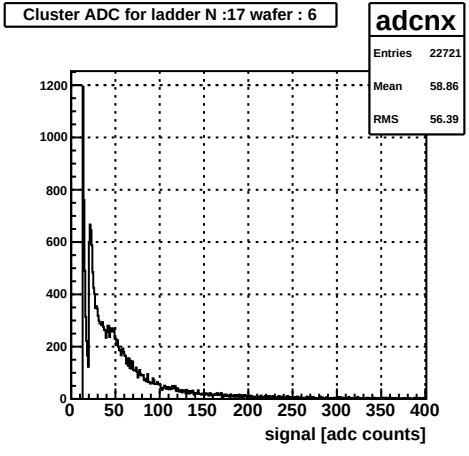

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

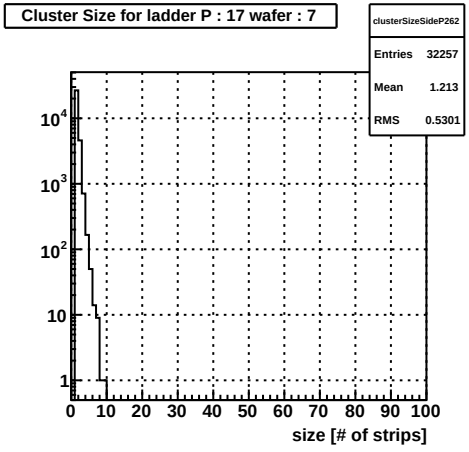

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 44321
Mean 1.112
RMS 0.3868
size [# of strips]

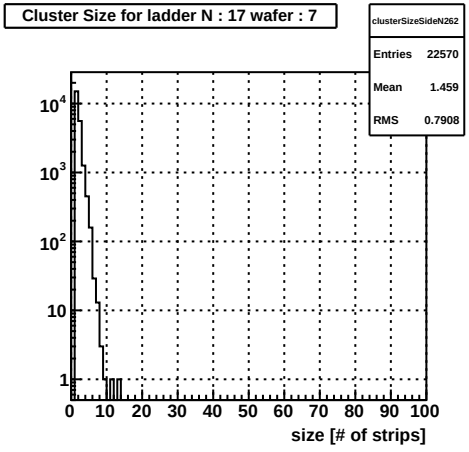

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 22721
Mean 1.639
RMS 1.07
size [# of strips]

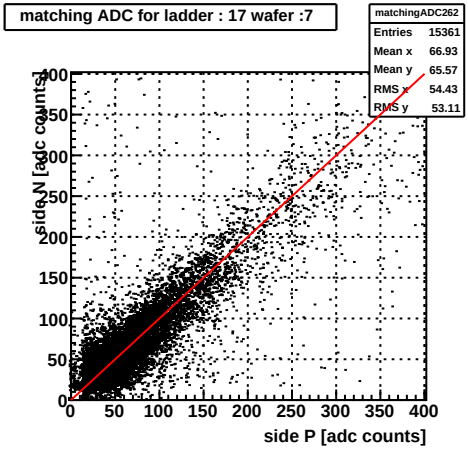

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 5506
Mean x 64.15
Mean y 59.13
RMS x 55.95
RMS y 52.59
side N [adc counts]
side P [adc counts]

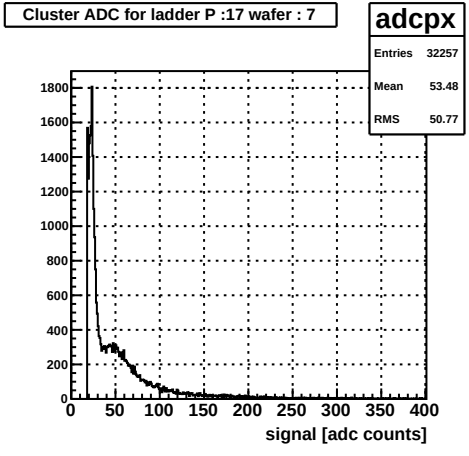

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 44321
Mean 35.95
RMS 36.09
signal [adc counts]

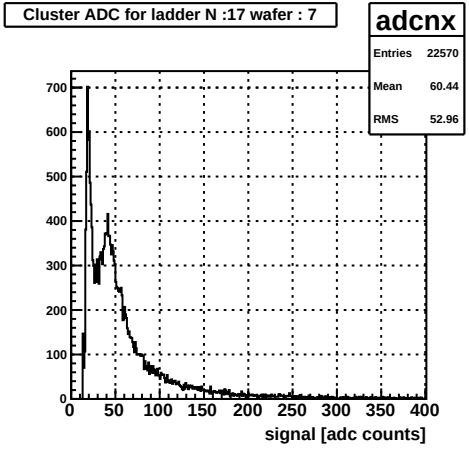

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 22721
Mean 58.86
RMS 56.39
signal [adc counts]

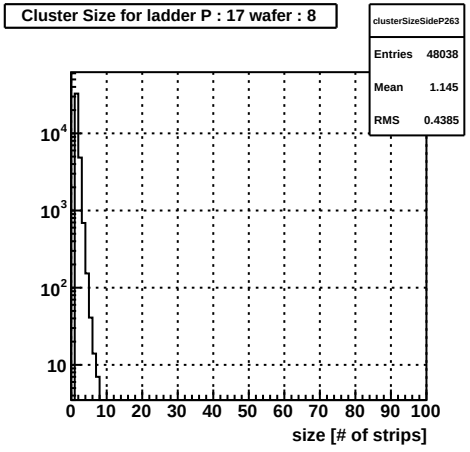

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 32257
Mean 1.213
RMS 0.5301
size [# of strips]

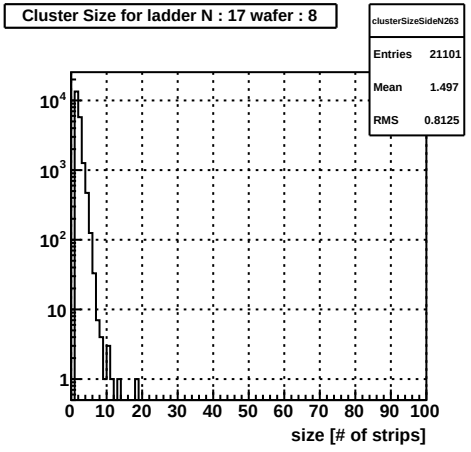

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 22570
Mean 1.459
RMS 0.7908
size [# of strips]

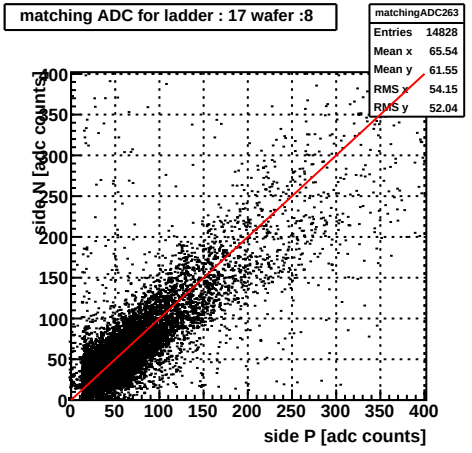

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 15361
Mean x 66.93
Mean y 65.57
RMS x 54.43
RMS y 53.11
side N [adc counts]
side P [adc counts]

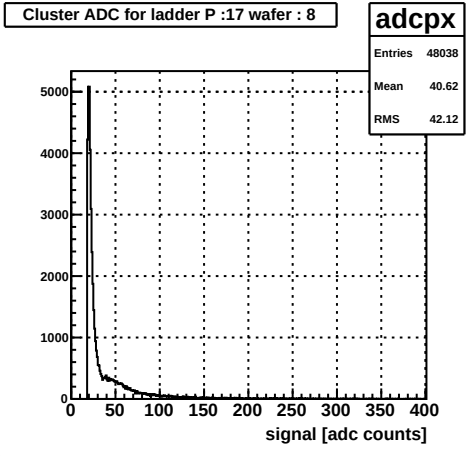

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 32257
Mean 53.48
RMS 50.77
signal [adc counts]

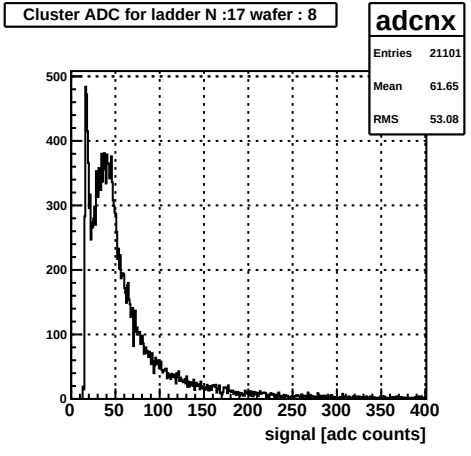

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 22570
Mean 60.44
RMS 52.96
signal [adc counts]

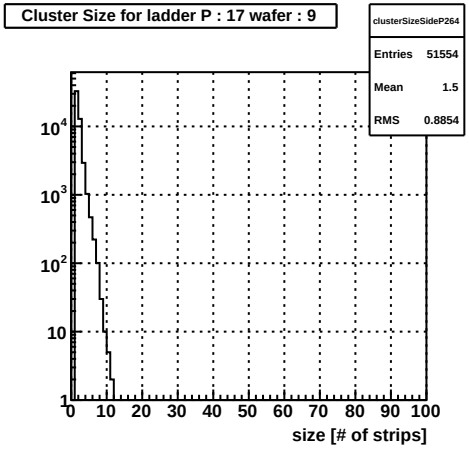

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 48038
Mean 1.145
RMS 0.4385
size [# of strips]

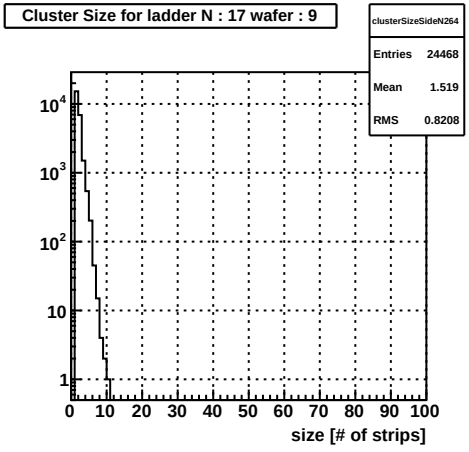

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 21101
Mean 1.497
RMS 0.8125
size [# of strips]

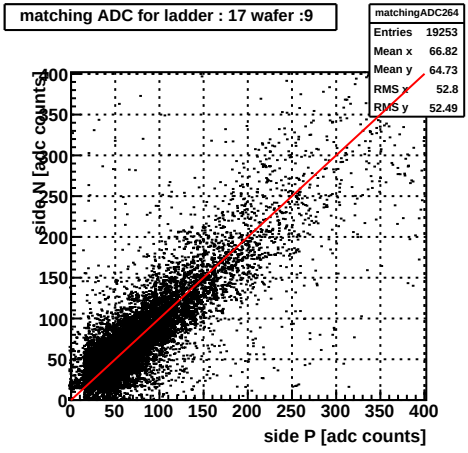

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 14828
Mean x 65.54
Mean y 61.55
RMS x 54.15
RMS y 52.04
side N [adc counts]
side P [adc counts]

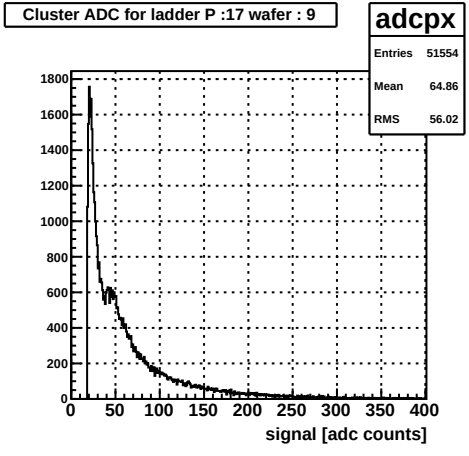

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 48038
Mean 40.62
RMS 42.12
signal [adc counts]

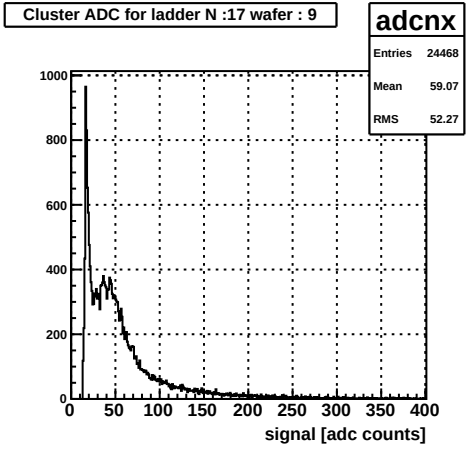

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 21101
Mean 61.65
RMS 53.08
signal [adc counts]

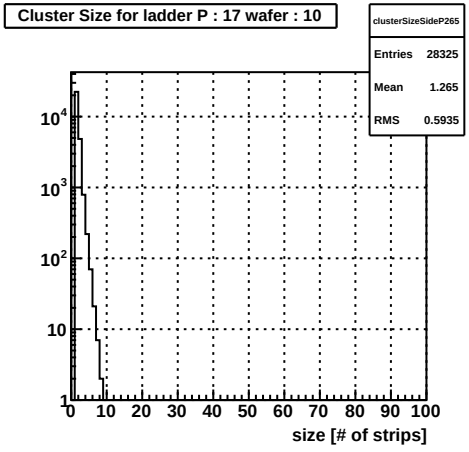

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 51554
Mean 1.5
RMS 0.8854
size [# of strips]

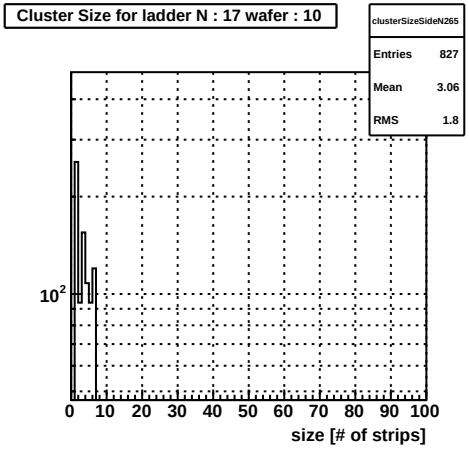

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 24468
Mean 1.519
RMS 0.8208
size [# of strips]

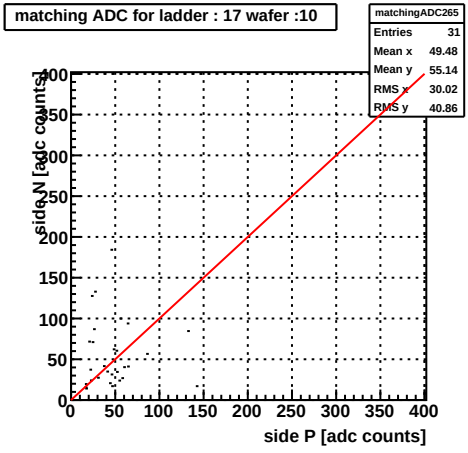

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 19253
Mean x 66.82
Mean y 64.73
RMS x 52.8
RMS y 52.49
side N [adc counts]
side P [adc counts]

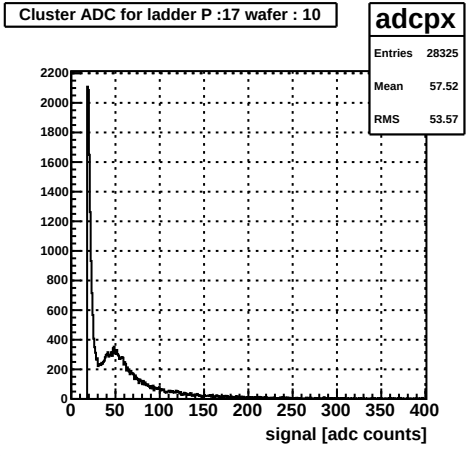

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 51554
Mean 64.86
RMS 56.02
signal [adc counts]

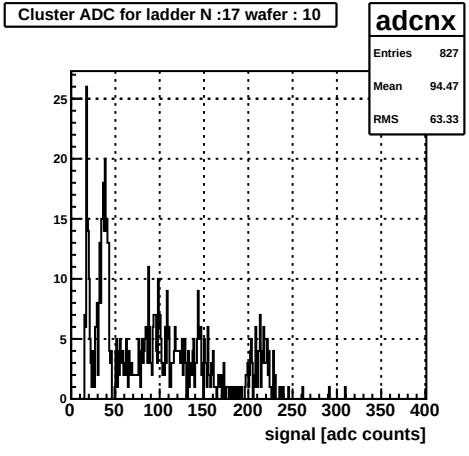

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 24468
Mean 59.07
RMS 52.27
signal [adc counts]

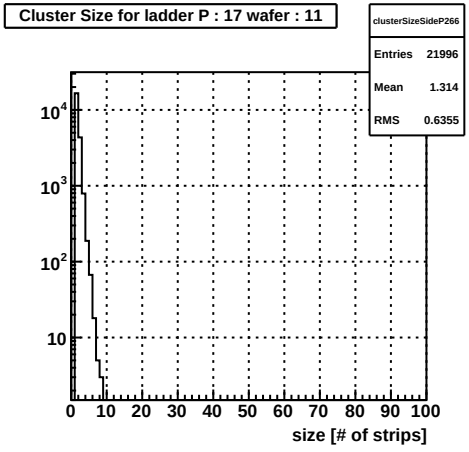

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 28325
Mean 1.265
RMS 0.5935
size [# of strips]

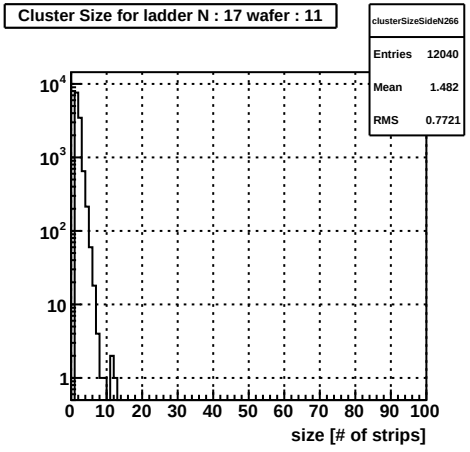

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 827
Mean 3.06
RMS 1.8
size [# of strips]

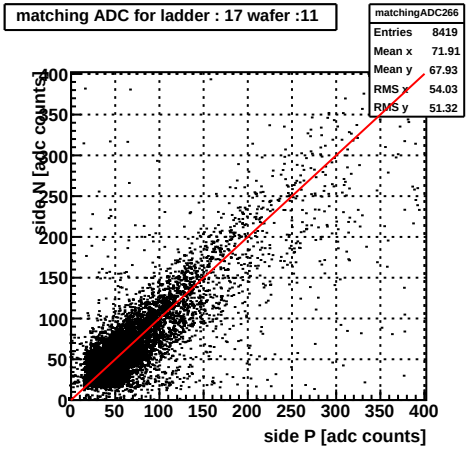

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 31
Mean x 49.48
Mean y 55.14
RMS x 30.02
RMS y 40.86
side N [adc counts]
side P [adc counts]

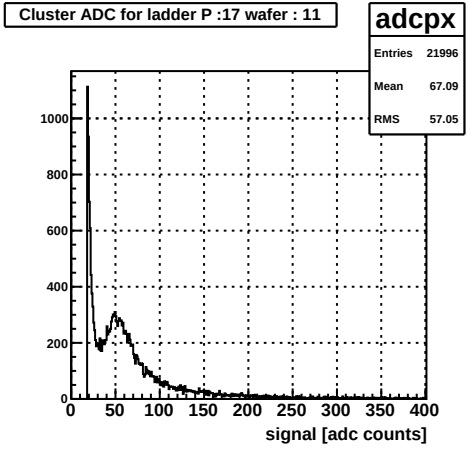

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 28325
Mean 57.52
RMS 53.57
signal [adc counts]

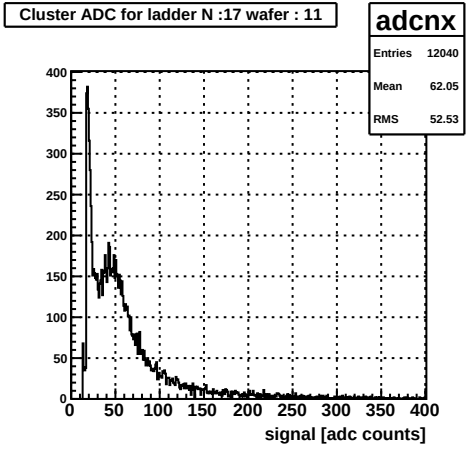

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 827
Mean 94.47
RMS 63.33
signal [adc counts]

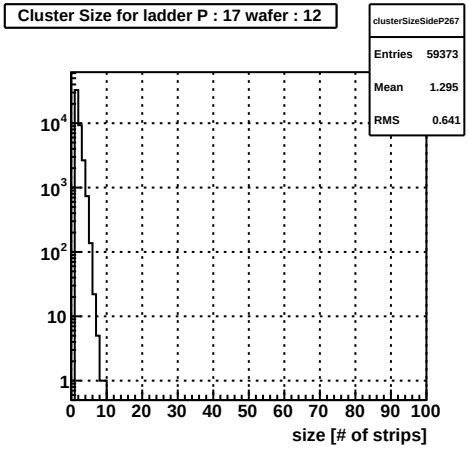

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 21996
Mean 1.314
RMS 0.6355
size [# of strips]

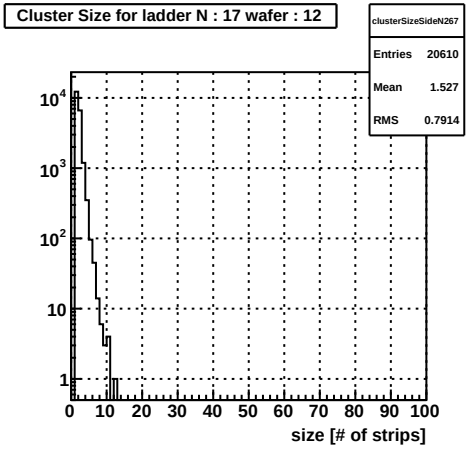

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 12040
Mean 1.482
RMS 0.7721
size [# of strips]

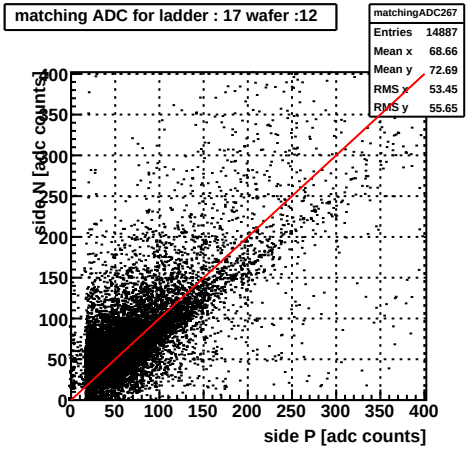

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 8419
Mean x 71.91
Mean y 67.93
RMS x 54.03
RMS y 51.32
side N [adc counts]
side P [adc counts]

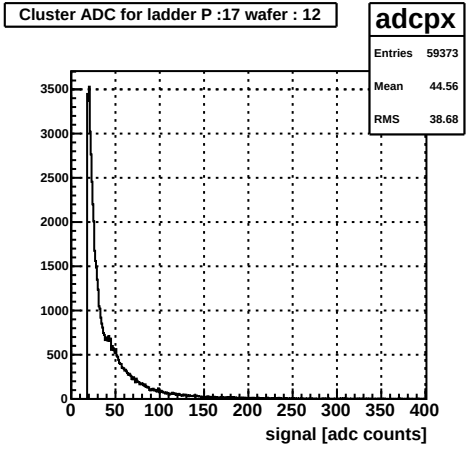

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 21996
Mean 67.09
RMS 57.05
signal [adc counts]

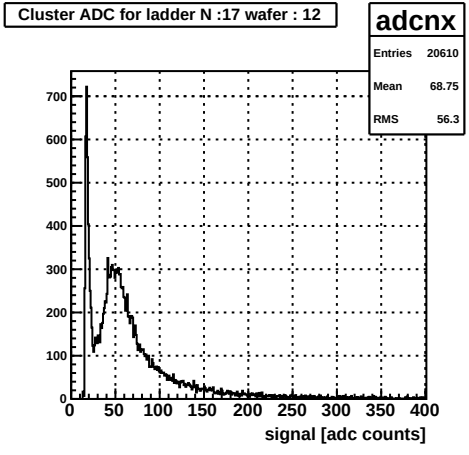

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 12040
Mean 62.05
RMS 52.53
signal [adc counts]

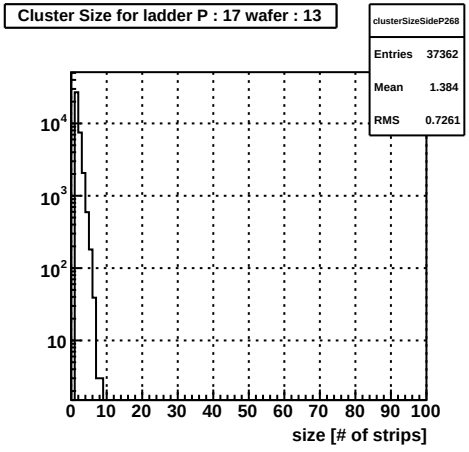

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 59373
Mean 1.295
RMS 0.641
size [# of strips]

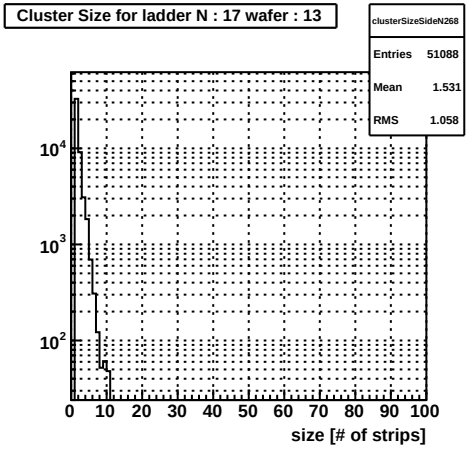

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 20610
Mean 1.527
RMS 0.7914
size [# of strips]

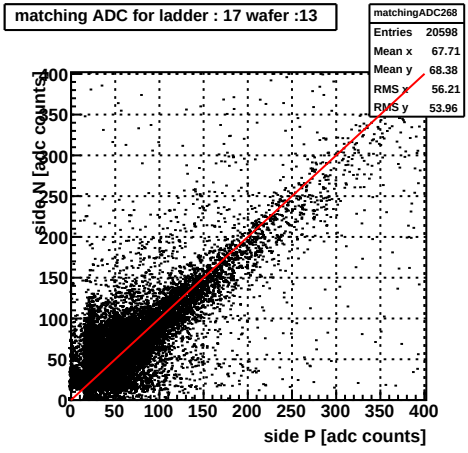

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 14887
Mean x 68.66
Mean y 72.69
RMS x 53.45
RMS y 55.65
side N [adc counts]
side P [adc counts]

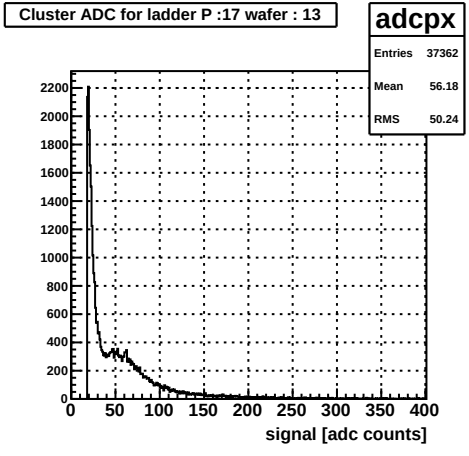

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 59373
Mean 44.56
RMS 38.68
signal [adc counts]

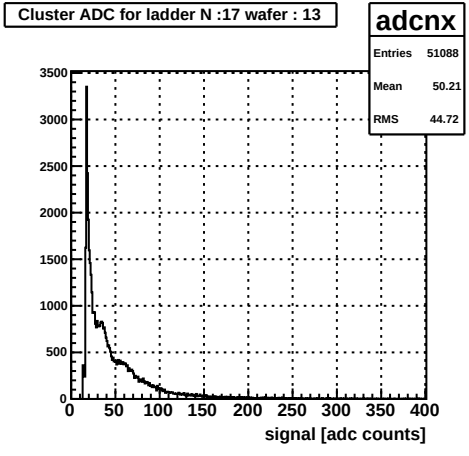

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 20610
Mean 68.75
RMS 56.3
signal [adc counts]

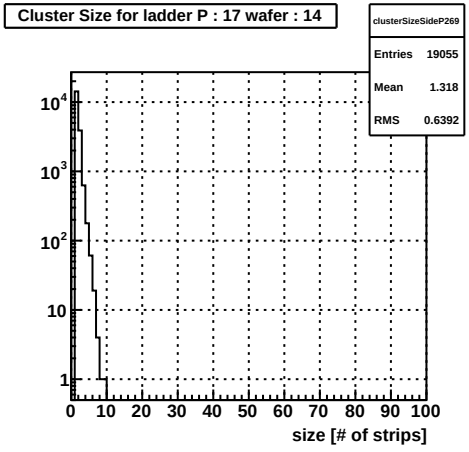

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 37362
Mean 1.384
RMS 0.7261
size [# of strips]

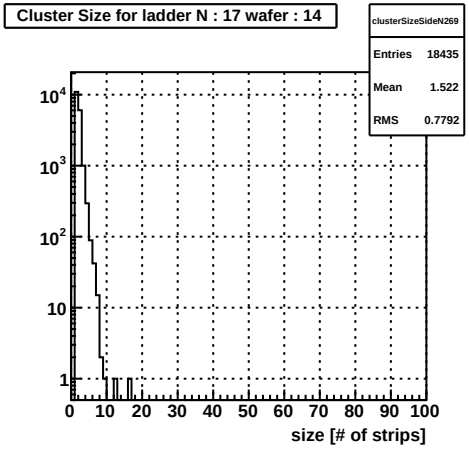

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 51088
Mean 1.531
RMS 1.058
size [# of strips]

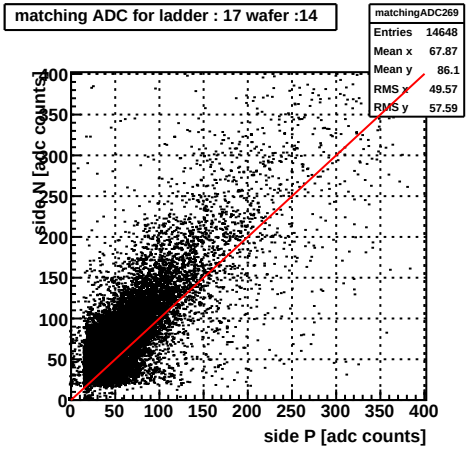

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 20598
Mean x 67.71
Mean y 68.38
RMS x 56.21
RMS y 53.96
side N [adc counts]
side P [adc counts]

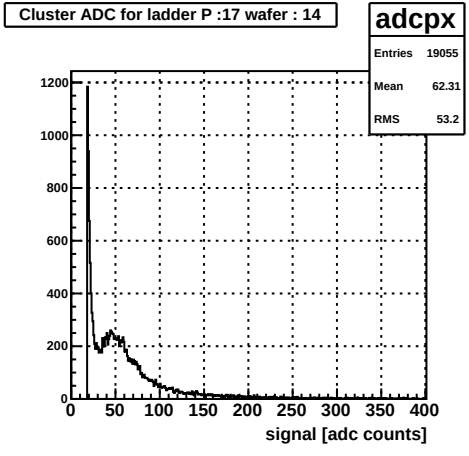

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 37362
Mean 56.18
RMS 50.24
signal [adc counts]

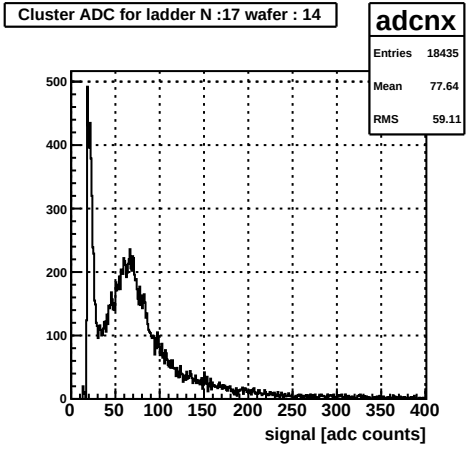

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 51088
Mean 50.21
RMS 44.72
signal [adc counts]

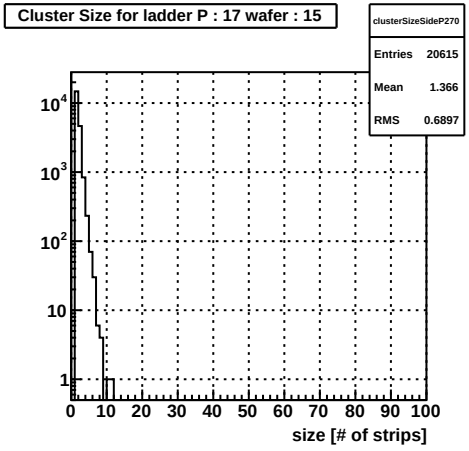

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 19055
Mean 1.318
RMS 0.6392
size [# of strips]

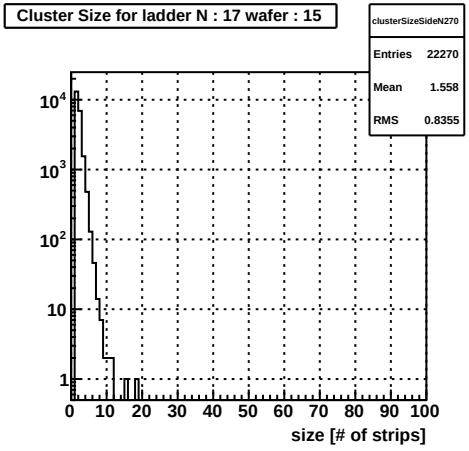

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 18435
Mean 1.522
RMS 0.7792
size [# of strips]

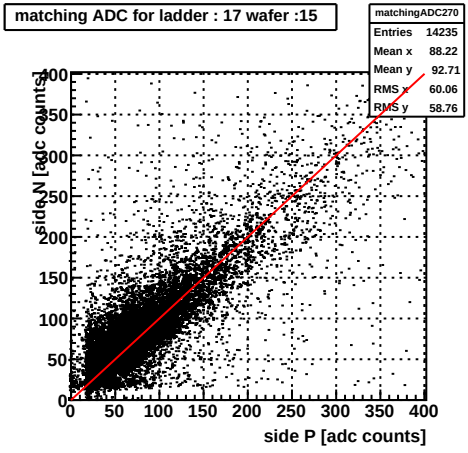

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 14648
Mean x 67.87
Mean y 86.1
RMS x 49.57
RMS y 57.59
side N [adc counts]
side P [adc counts]

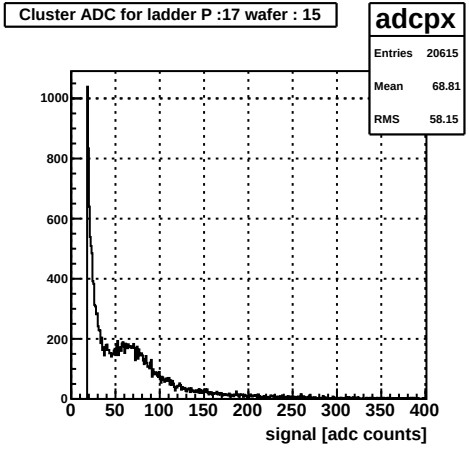

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 19055
Mean 62.31
RMS 53.2
signal [adc counts]

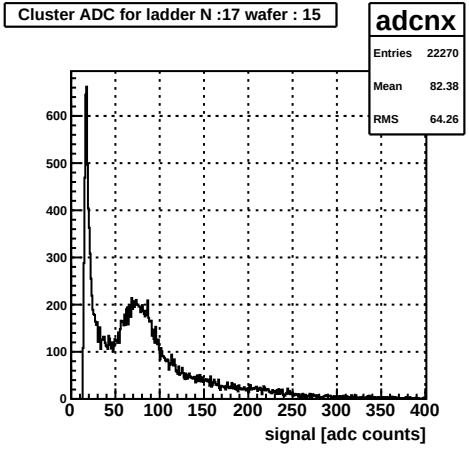

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 18435
Mean 77.64
RMS 59.11
signal [adc counts]

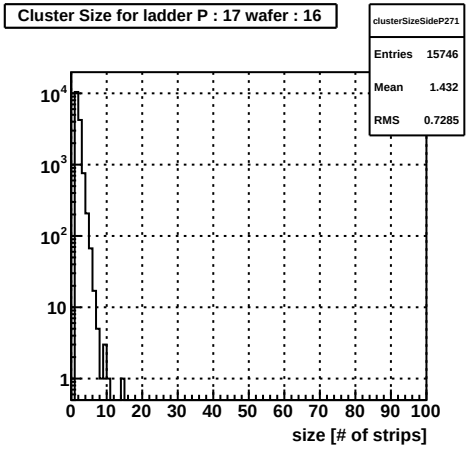

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 20615
Mean 1.366
RMS 0.6897
size [# of strips]

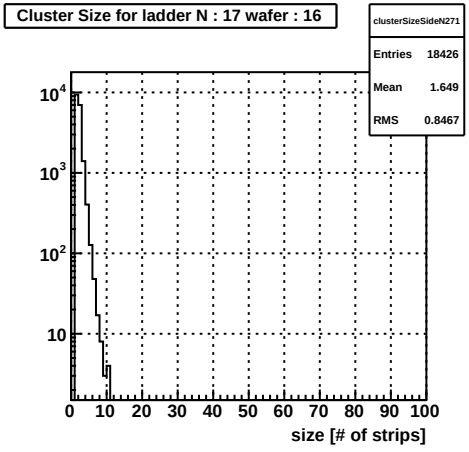

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 22270
Mean 1.558
RMS 0.8355
size [# of strips]

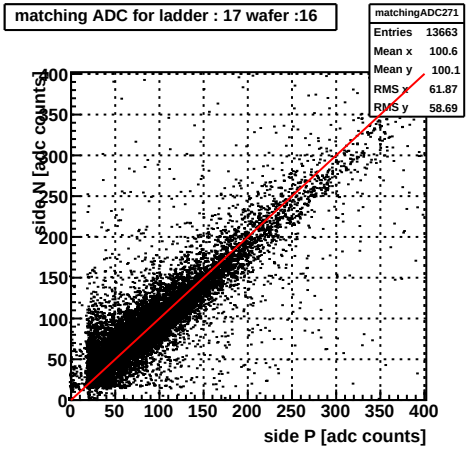

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 14235
Mean x 88.22
Mean y 92.71
RMS x 60.06
RMS y 58.76
side N [adc counts]
side P [adc counts]

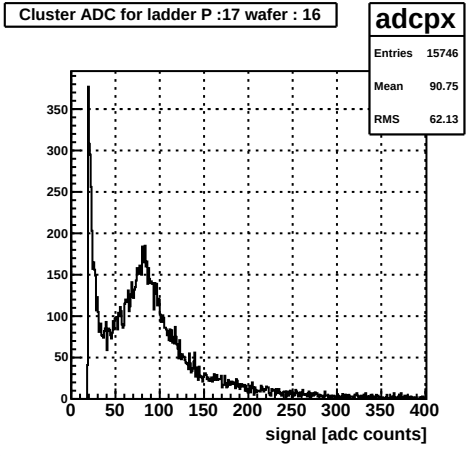

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 20615
Mean 68.81
RMS 58.15
signal [adc counts]

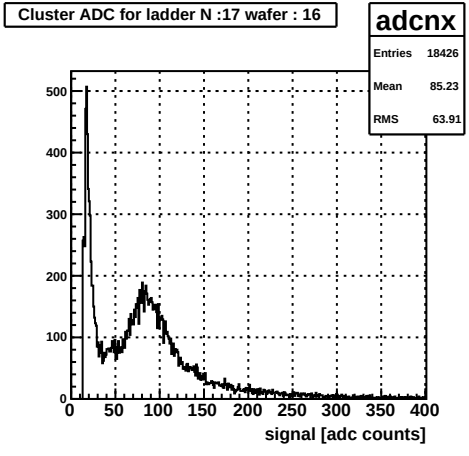

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 22270
Mean 82.38
RMS 64.26
signal [adc counts]

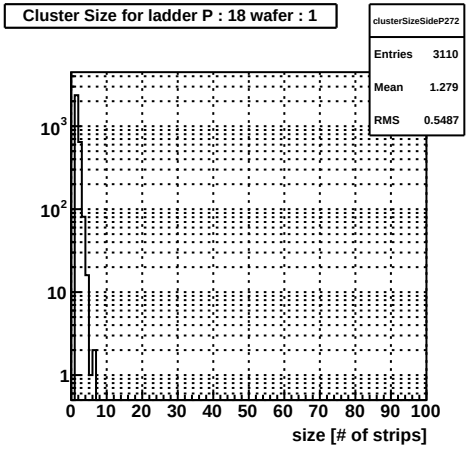

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 15746
Mean 1.432
RMS 0.7285
size [# of strips]

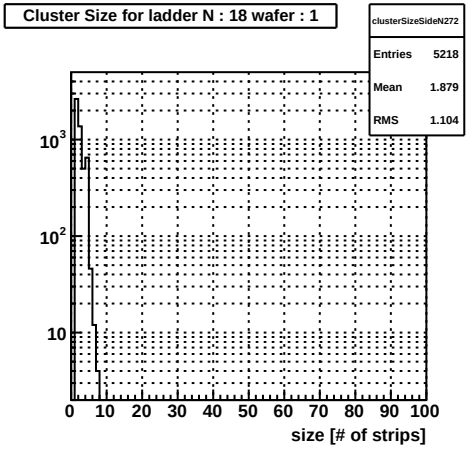

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 18426
Mean 1.649
RMS 0.8467
size [# of strips]

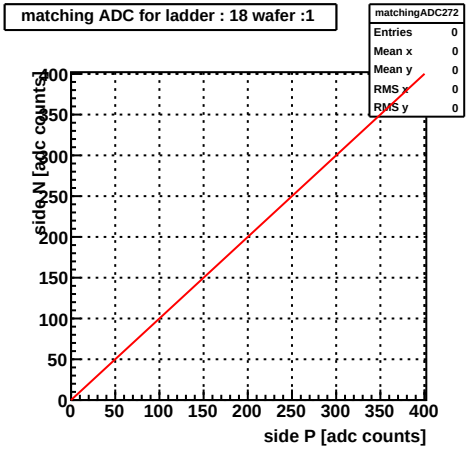

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 13663
Mean x 100.6
Mean y 100.1
RMS x 61.87
RMS y 58.69
side N [adc counts]
side P [adc counts]

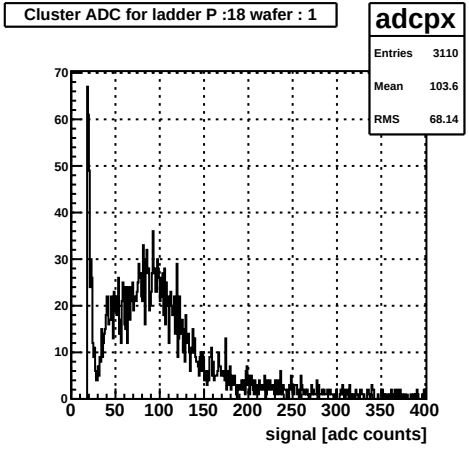

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 15746
Mean 90.75
RMS 62.13
signal [adc counts]

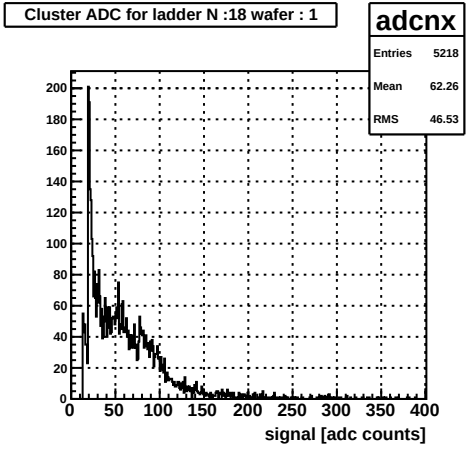

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 18426
Mean 85.23
RMS 63.91
signal [adc counts]

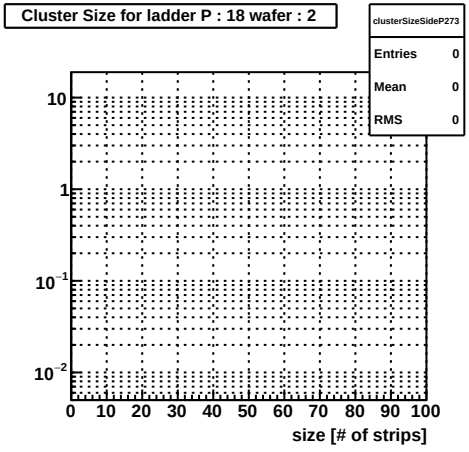

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 3110
Mean 1.279
RMS 0.5487
size [# of strips]

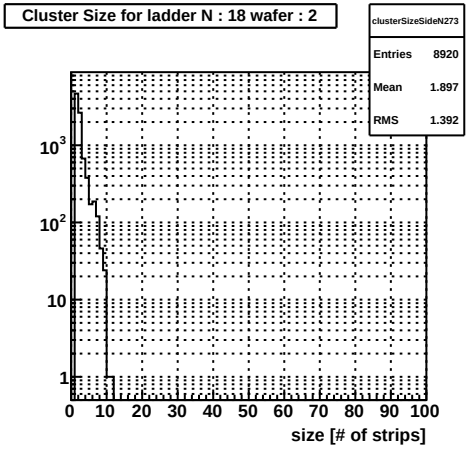

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 5218
Mean 1.879
RMS 1.104
size [# of strips]

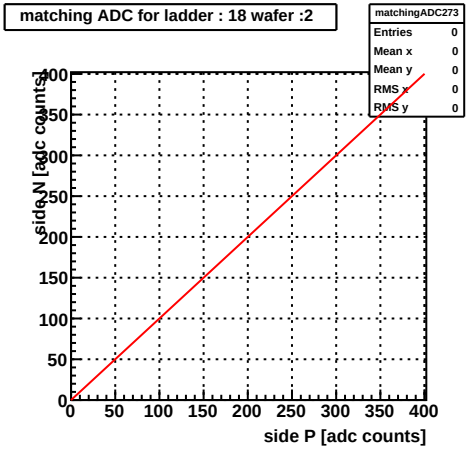

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

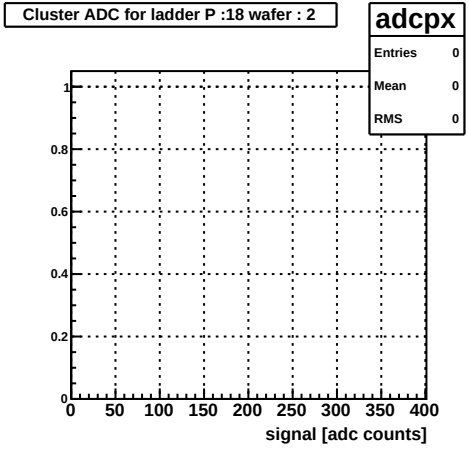

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 3110
Mean 103.6
RMS 68.14
signal [adc counts]

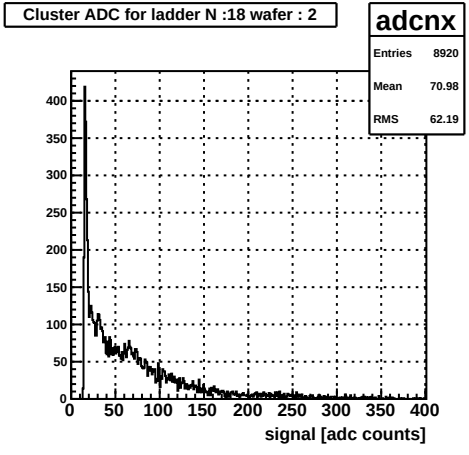

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 5218
Mean 62.26
RMS 46.53
signal [adc counts]

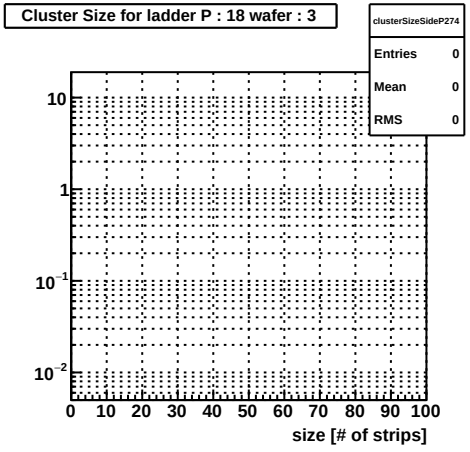

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

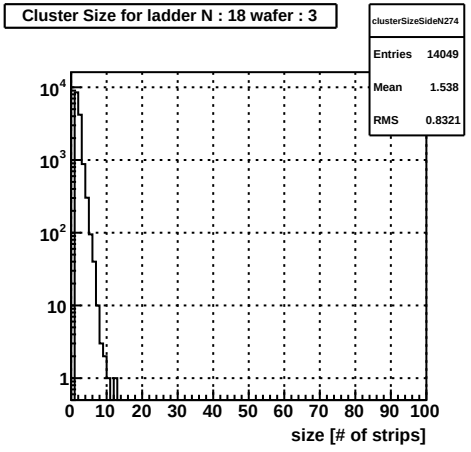

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 8920
Mean 1.897
RMS 1.392
size [# of strips]

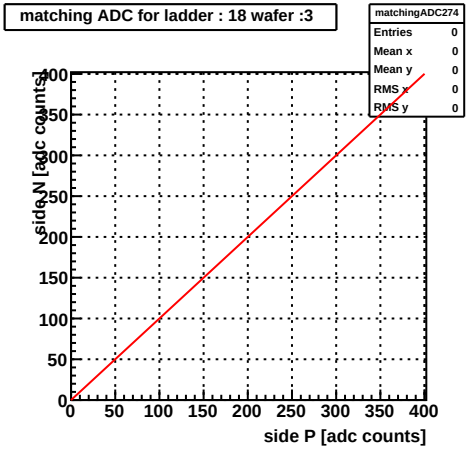

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

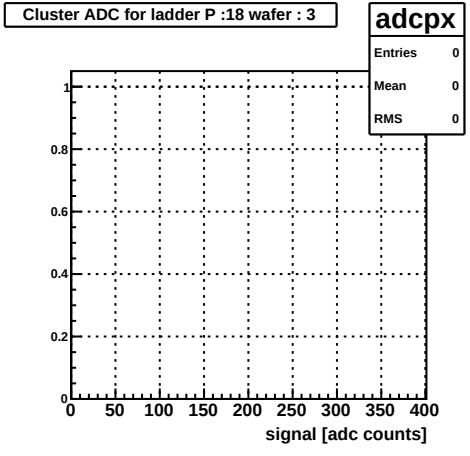

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

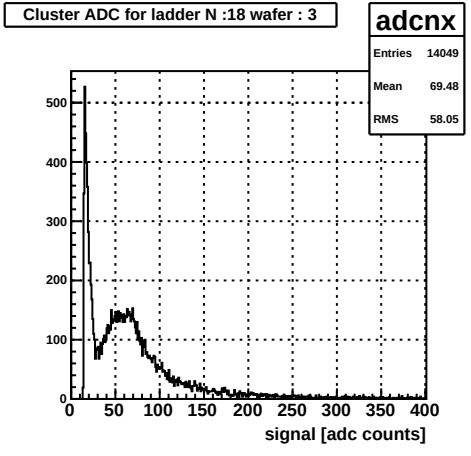

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 8920
Mean 70.98
RMS 62.19
signal [adc counts]

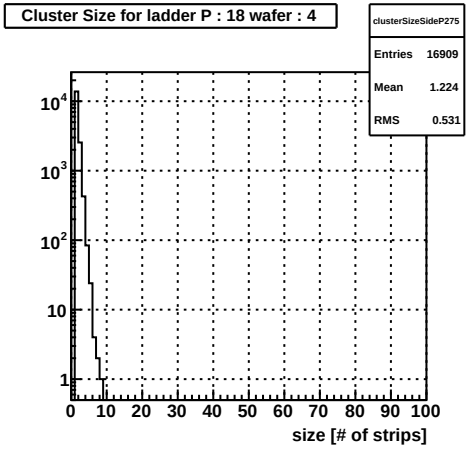

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

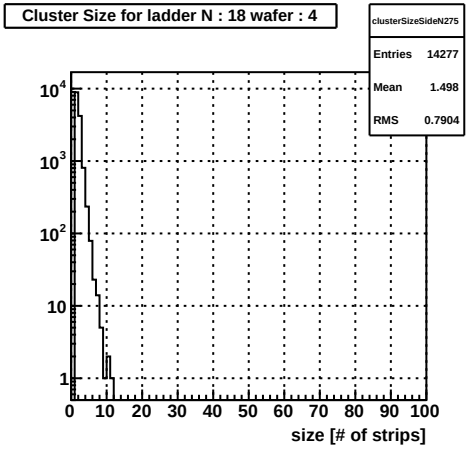

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 14049
Mean 1.538
RMS 0.8321
size [# of strips]

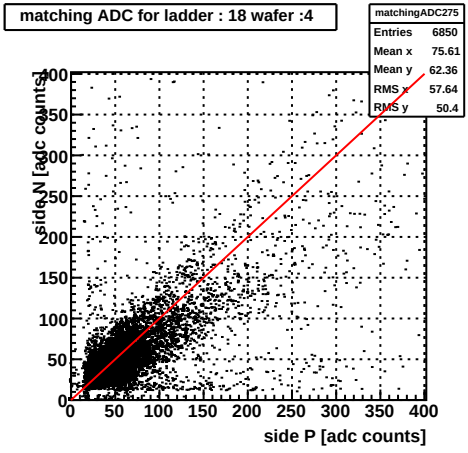

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

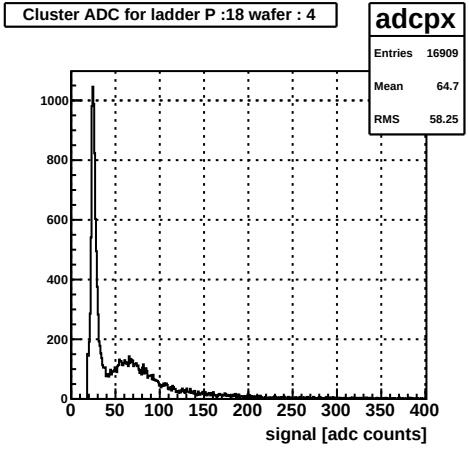

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

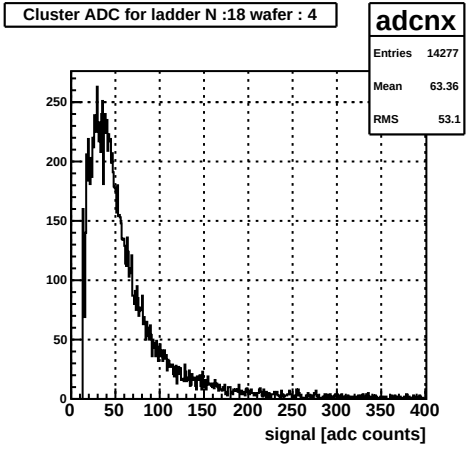

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 14049
Mean 69.48
RMS 58.05
signal [adc counts]

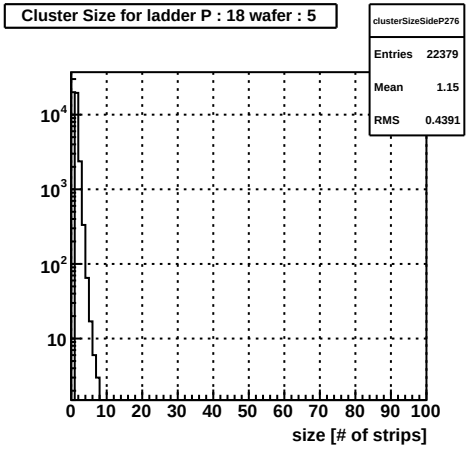

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 16909
Mean 1.224
RMS 0.531
size [# of strips]

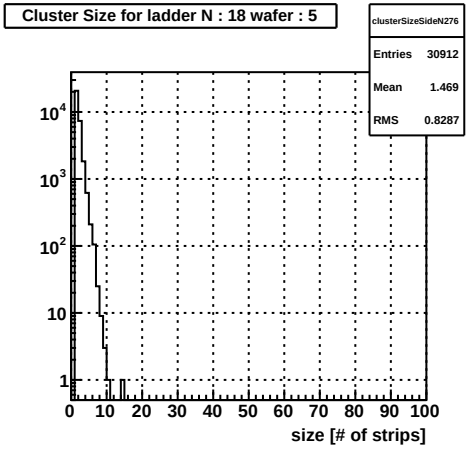

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 14277
Mean 1.498
RMS 0.7904
size [# of strips]

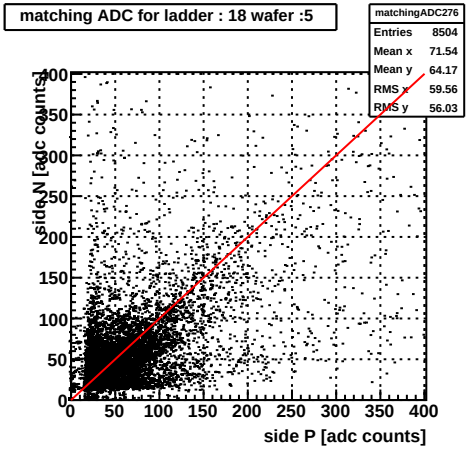

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 6850
Mean x 75.61
Mean y 62.36
RMS x 57.64
RMS y 50.4
side N [adc counts]
side P [adc counts]

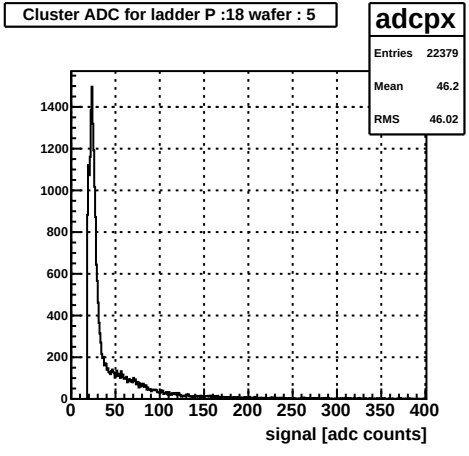

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 16909
Mean 64.7
RMS 58.25
signal [adc counts]

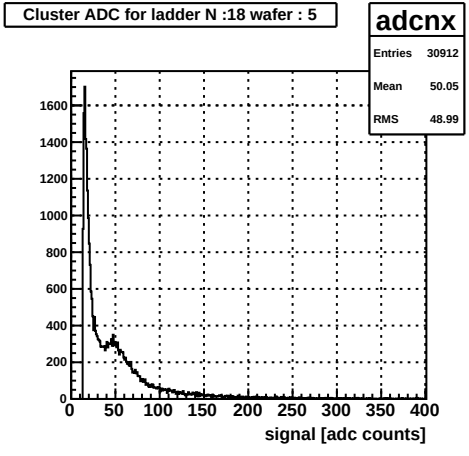

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 14277
Mean 63.36
RMS 53.1
signal [adc counts]

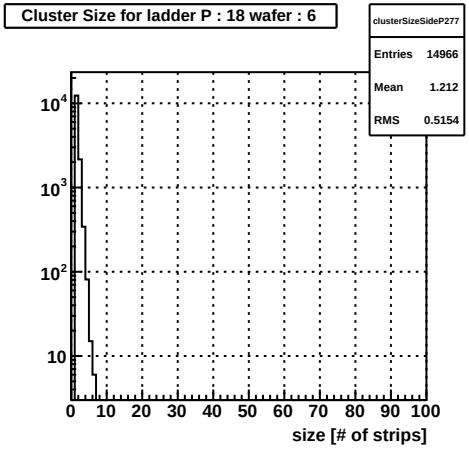

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 22379
Mean 1.15
RMS 0.4391
size [# of strips]

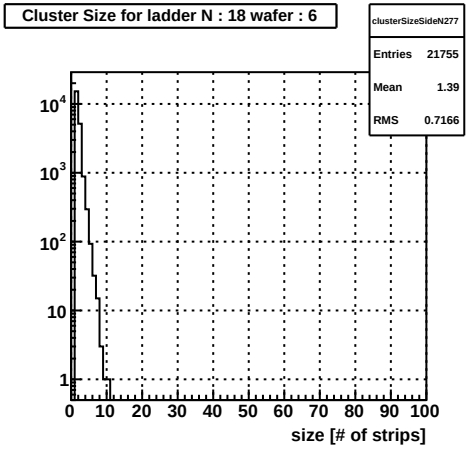

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 30912
Mean 1.469
RMS 0.8287
size [# of strips]

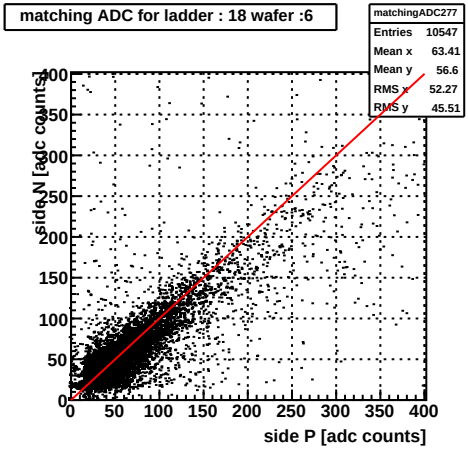

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 8504
Mean x 71.54
Mean y 64.17
RMS x 59.56
RMS y 56.03
side N [adc counts]
side P [adc counts]

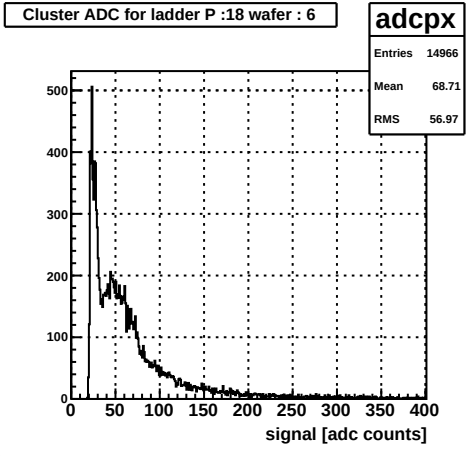

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 22379
Mean 46.2
RMS 46.02
signal [adc counts]

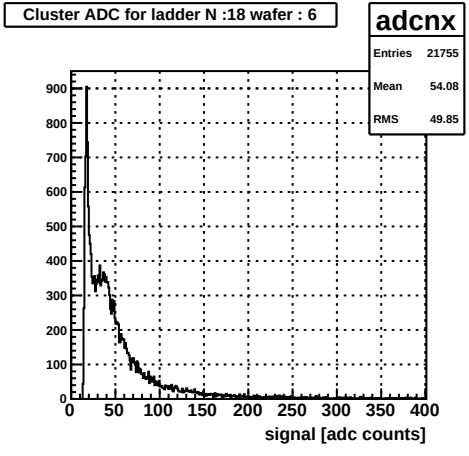

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 30912
Mean 50.05
RMS 48.99
signal [adc counts]

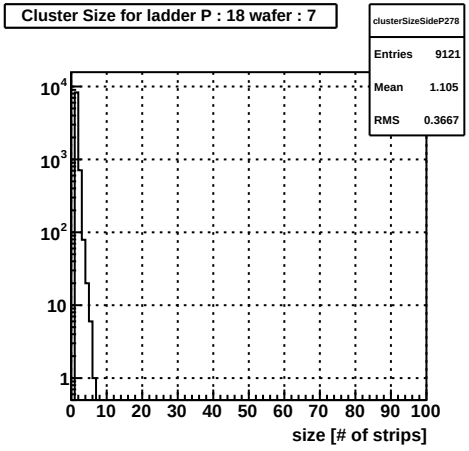

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 14966
Mean 1.212
RMS 0.5154
size [# of strips]

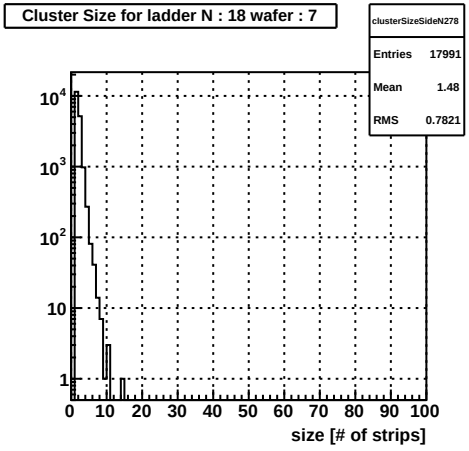

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 21755
Mean 1.39
RMS 0.7166
size [# of strips]

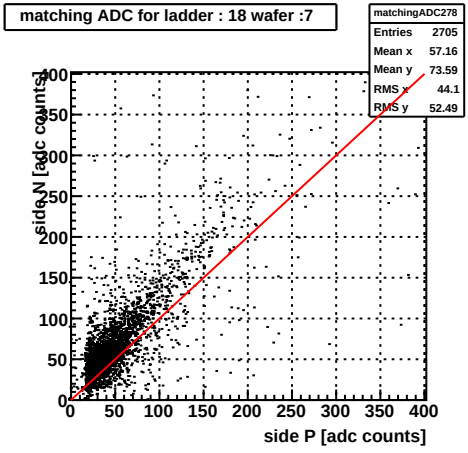

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 10547
Mean x 63.41
Mean y 56.6
RMS x 52.27
RMS y 45.51
side N [adc counts]
side P [adc counts]

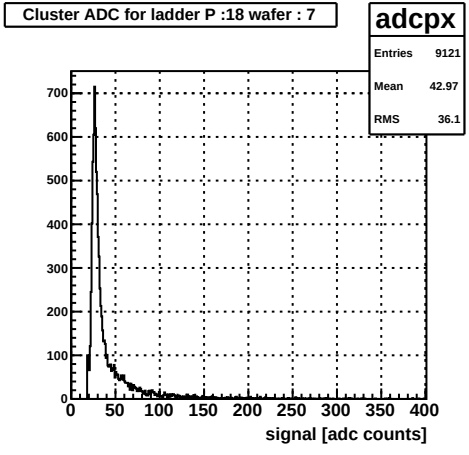

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 14966
Mean 68.71
RMS 56.97
signal [adc counts]

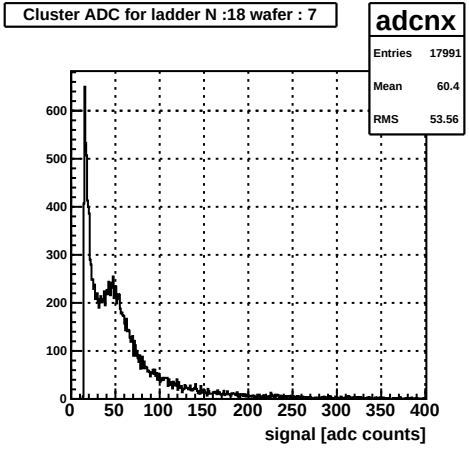

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 21755
Mean 54.08
RMS 49.85
signal [adc counts]

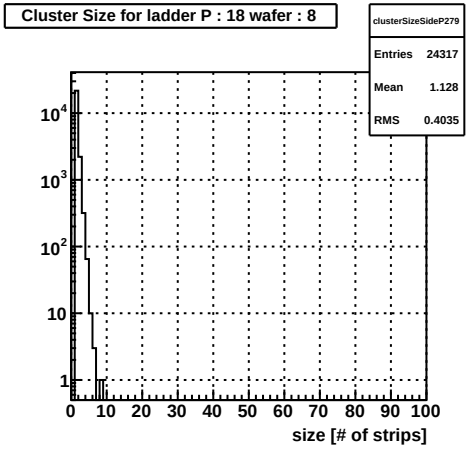

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9121
Mean 1.105
RMS 0.3667
size [# of strips]

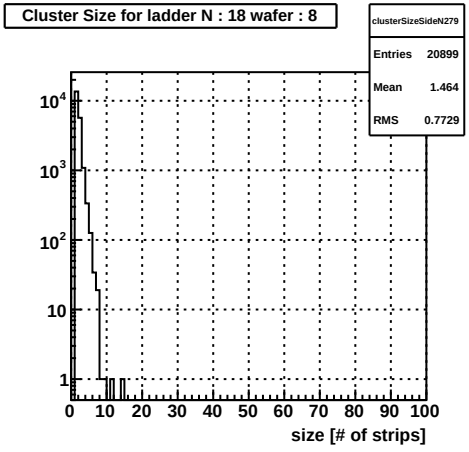

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 17991
Mean 1.48
RMS 0.7821
size [# of strips]

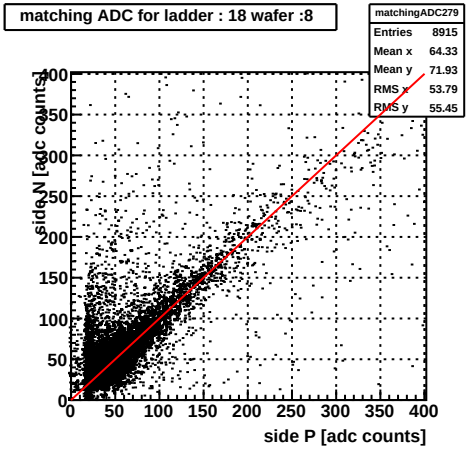

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2705
Mean x 57.16
Mean y 73.59
RMS x 44.1
RMS y 52.49
side N [adc counts]
side P [adc counts]

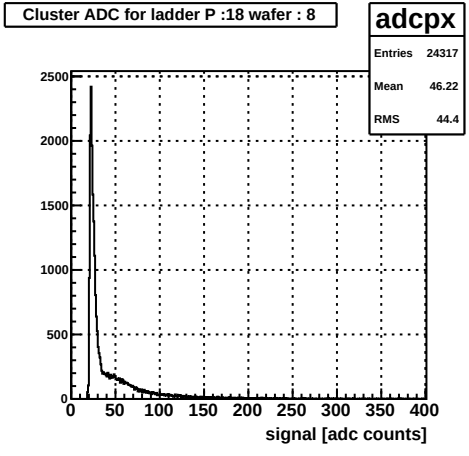

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9121
Mean 42.97
RMS 36.1
signal [adc counts]

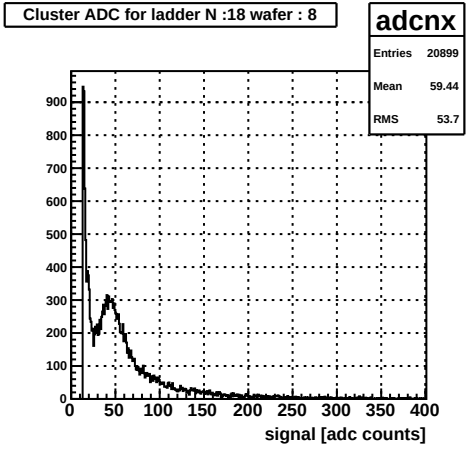

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 17991
Mean 60.4
RMS 53.56
signal [adc counts]

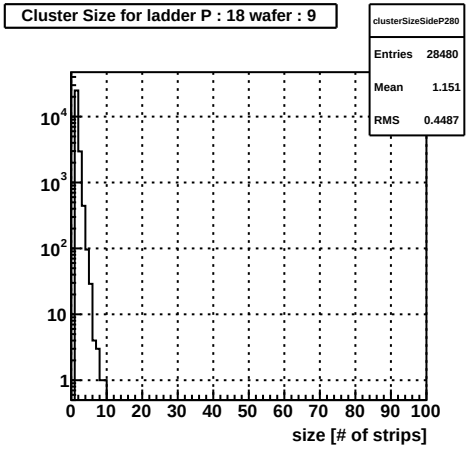

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 24317
Mean 1.128
RMS 0.4035
size [# of strips]

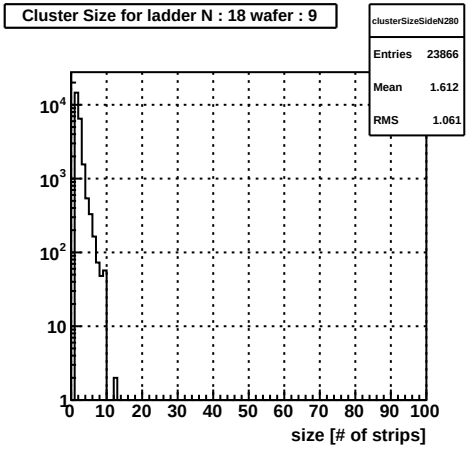

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 20899
Mean 1.464
RMS 0.7729
size [# of strips]

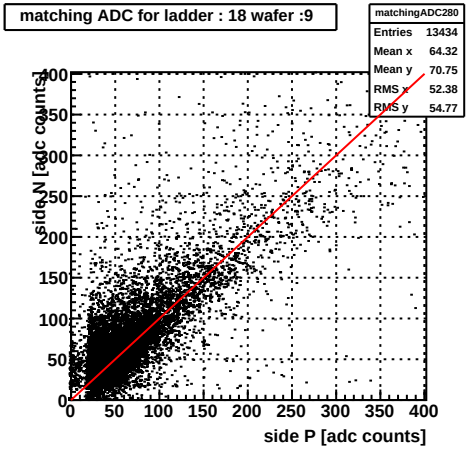

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 8915
Mean x 64.33
Mean y 71.93
RMS x 53.79
RMS y 55.45
side N [adc counts]
side P [adc counts]

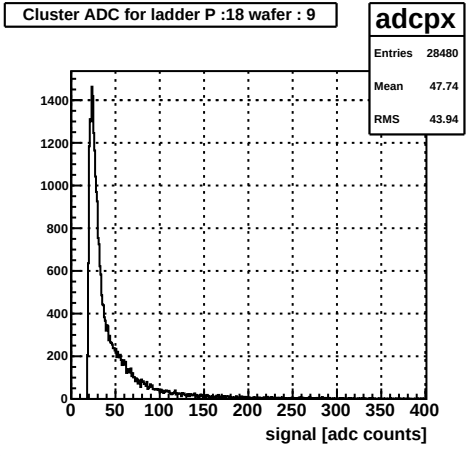

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 24317
Mean 46.22
RMS 44.4
signal [adc counts]

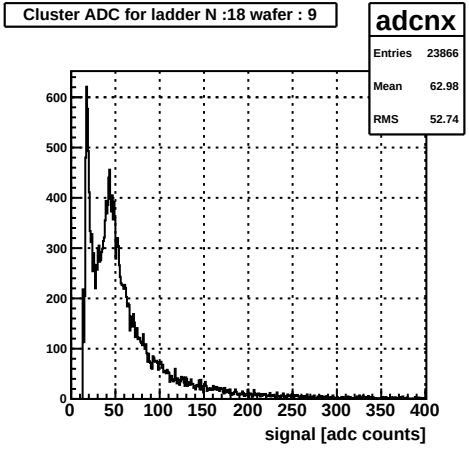

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 20899
Mean 59.44
RMS 53.7
signal [adc counts]

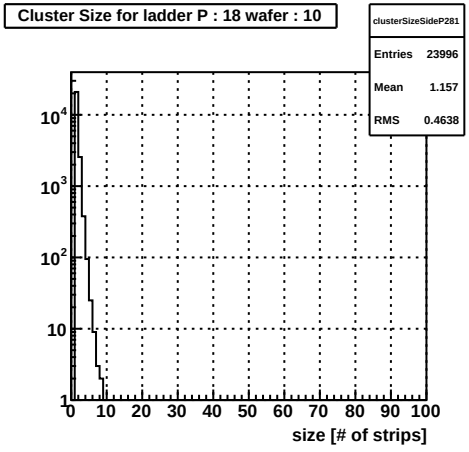

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 28480
Mean 1.151
RMS 0.4487
size [# of strips]

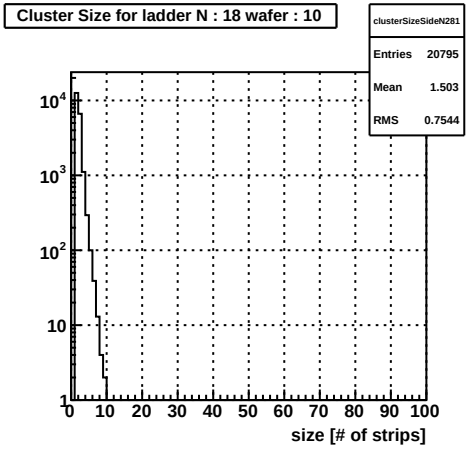

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 23866
Mean 1.612
RMS 1.061
size [# of strips]

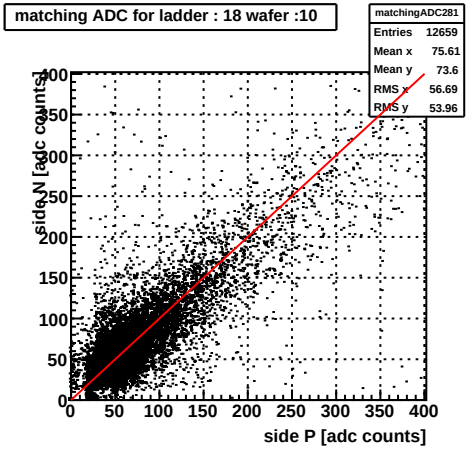

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 13434
Mean x 64.32
Mean y 70.75
RMS x 52.38
RMS y 54.77
side N [adc counts]
side P [adc counts]

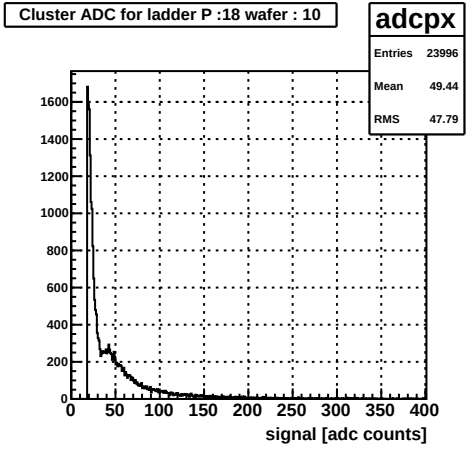

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 28480
Mean 47.74
RMS 43.94
signal [adc counts]

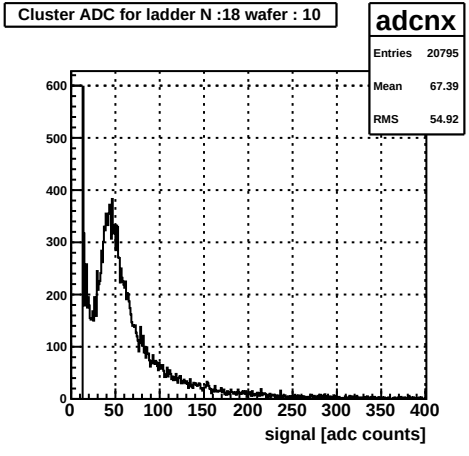

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 23866
Mean 62.98
RMS 52.74
signal [adc counts]

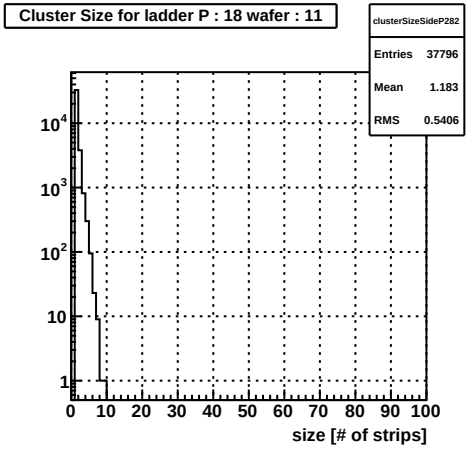

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 23996
Mean 1.157
RMS 0.4638
size [# of strips]

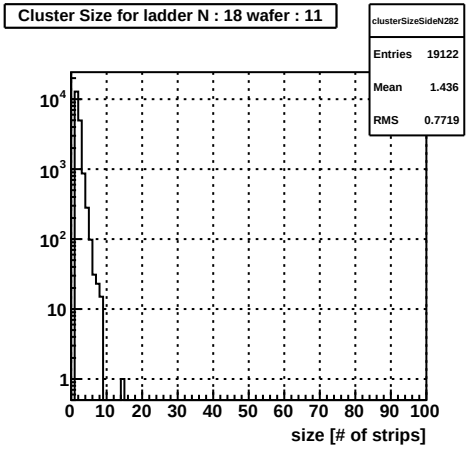

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 20795
Mean 1.503
RMS 0.7544
size [# of strips]

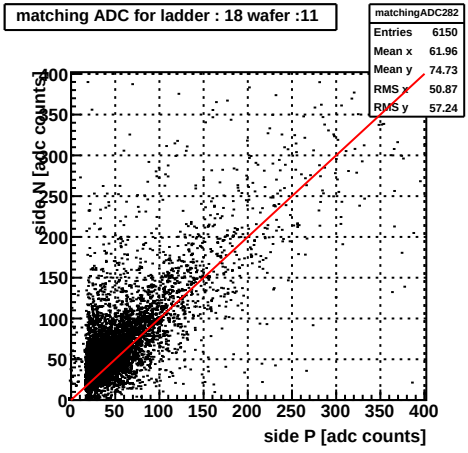

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 12659
Mean x 75.61
Mean y 73.6
RMS x 56.69
RMS y 53.96
side N [adc counts]
side P [adc counts]

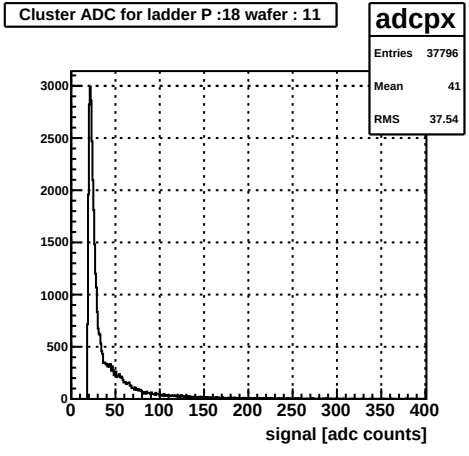

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 23996
Mean 49.44
RMS 47.79
signal [adc counts]

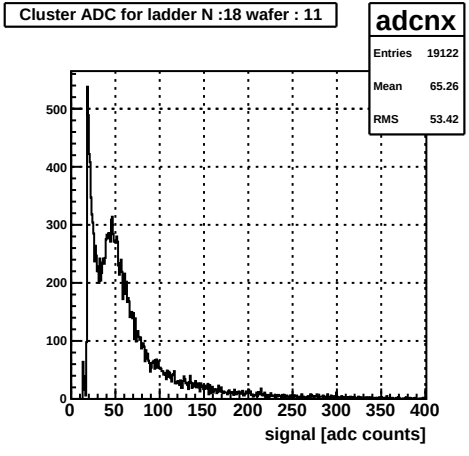

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 20795
Mean 67.39
RMS 54.92
signal [adc counts]

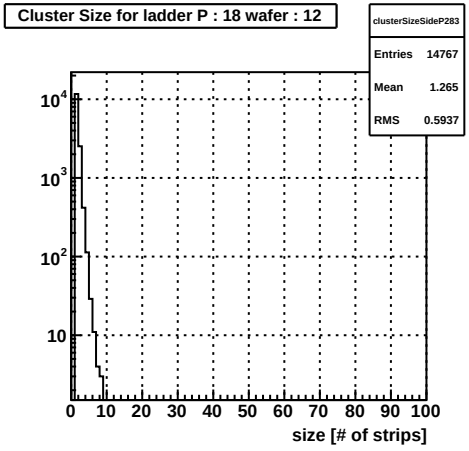

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 37796
Mean 1.183
RMS 0.5406
size [# of strips]

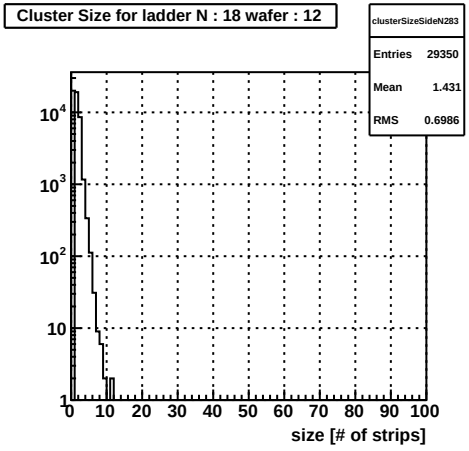

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 19122
Mean 1.436
RMS 0.7719
size [# of strips]

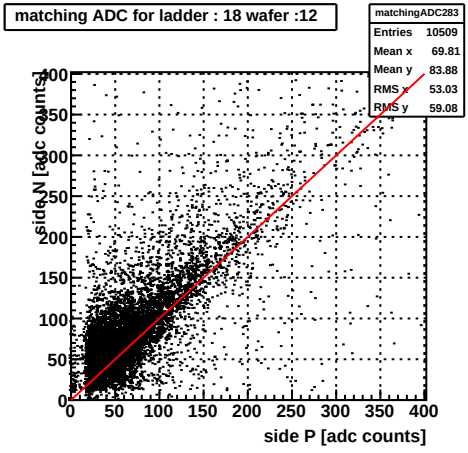

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 6150
Mean x 61.96
Mean y 74.73
RMS x 50.87
RMS y 57.24
side N [adc counts]
side P [adc counts]

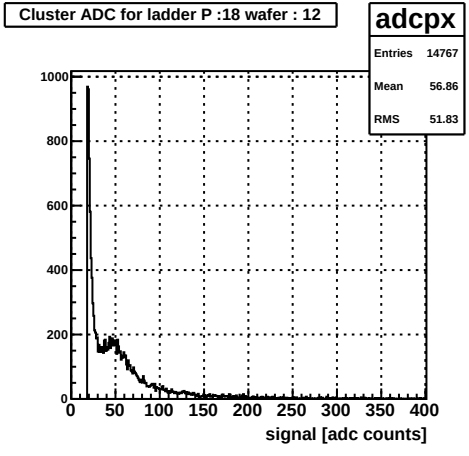

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 37796
Mean 41
RMS 37.54
signal [adc counts]

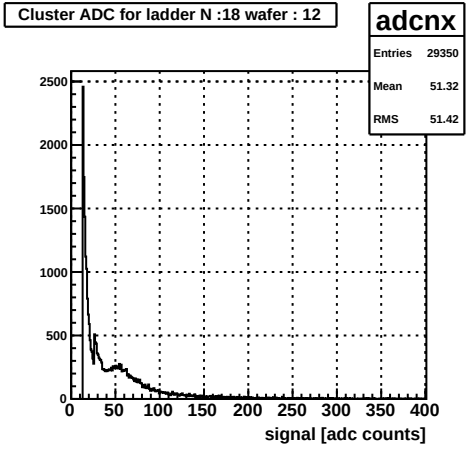

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 19122
Mean 65.26
RMS 53.42
signal [adc counts]

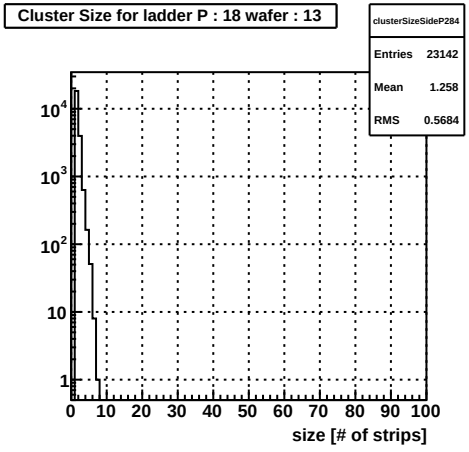

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 14767
Mean 1.265
RMS 0.5937
size [# of strips]

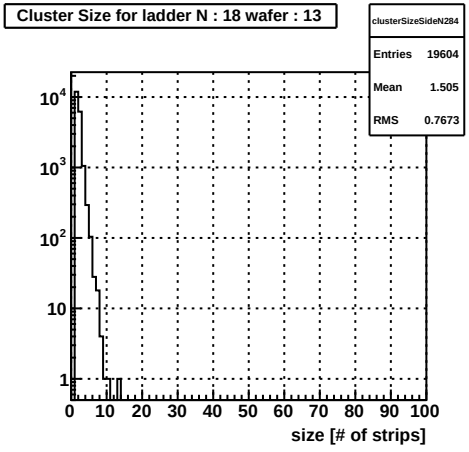

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 29350
Mean 1.431
RMS 0.6986
size [# of strips]

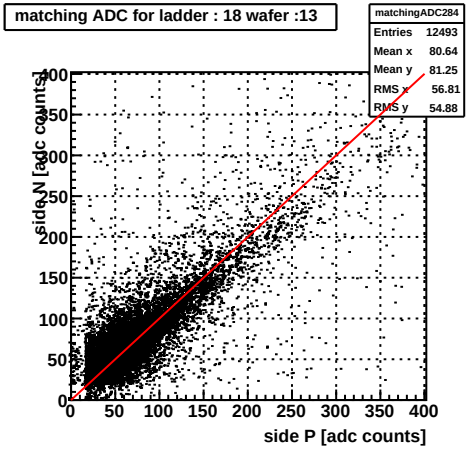

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 10509
Mean x 69.81
Mean y 83.88
RMS x 53.03
RMS y 59.08
side N [adc counts]
side P [adc counts]

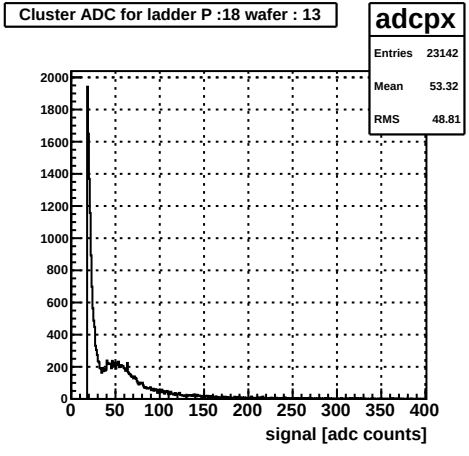

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 14767
Mean 56.86
RMS 51.83
signal [adc counts]

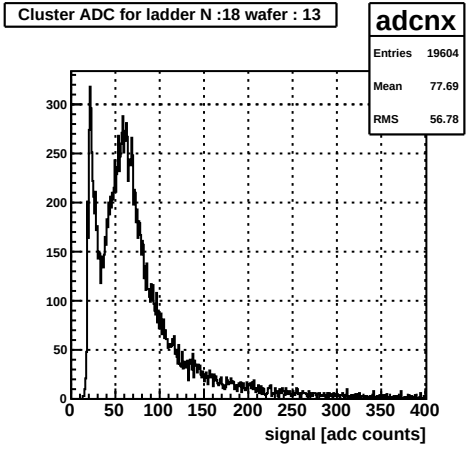

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 29350
Mean 51.32
RMS 51.42
signal [adc counts]

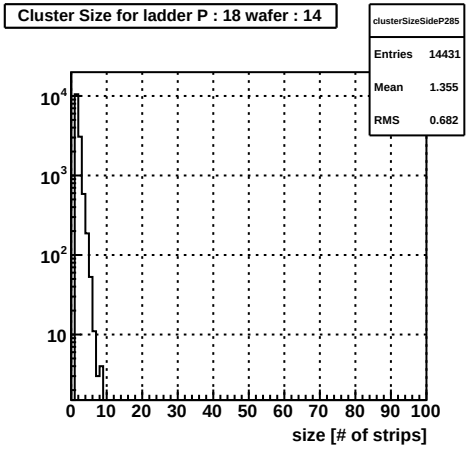

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 23142
Mean 1.258
RMS 0.5684
size [# of strips]

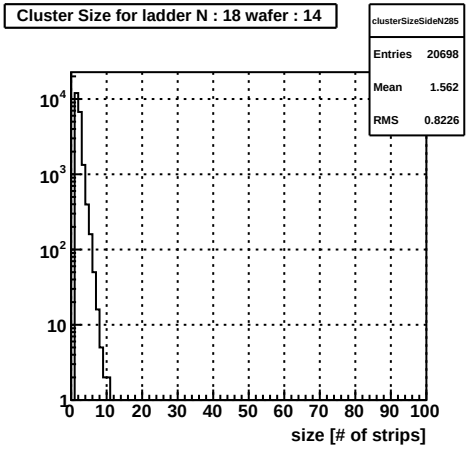

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 19604
Mean 1.505
RMS 0.7673
size [# of strips]

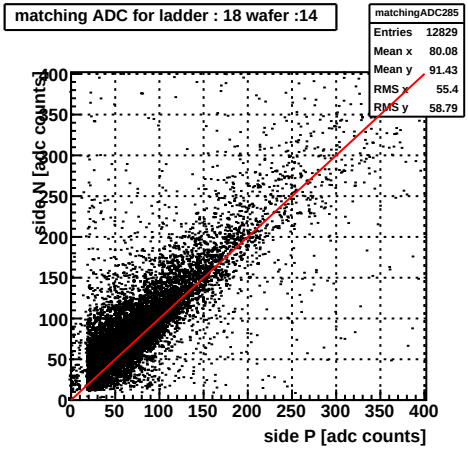

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 12493
Mean x 80.64
Mean y 81.25
RMS x 56.81
RMS y 54.88
side N [adc counts]
side P [adc counts]

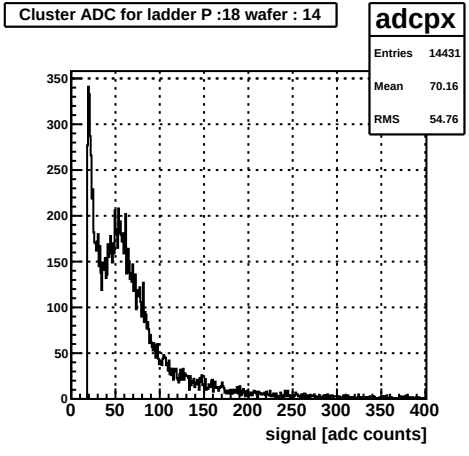

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 23142
Mean 53.32
RMS 48.81
signal [adc counts]

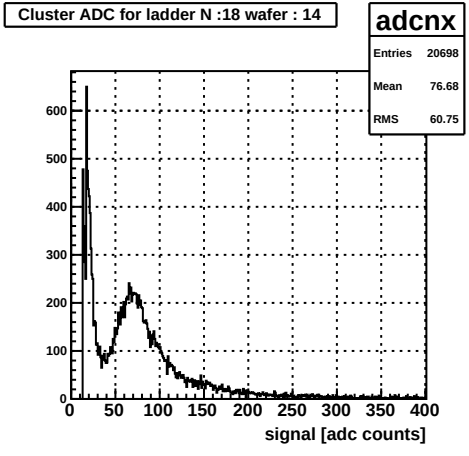

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 19604
Mean 77.69
RMS 56.78
signal [adc counts]

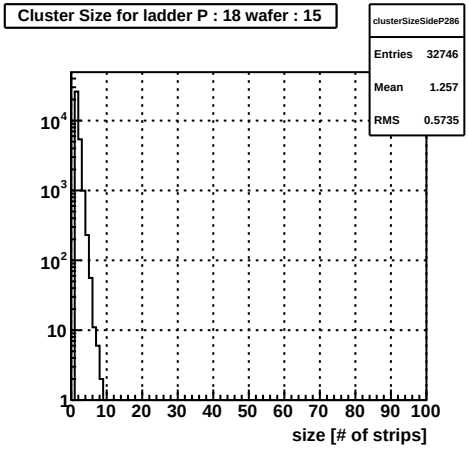

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 14431
Mean 1.355
RMS 0.682
size [# of strips]

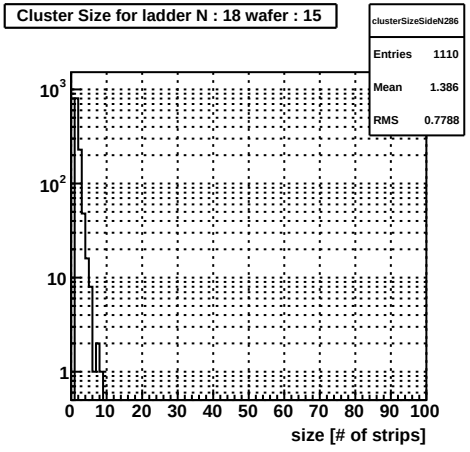

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 20698
Mean 1.562
RMS 0.8226
size [# of strips]

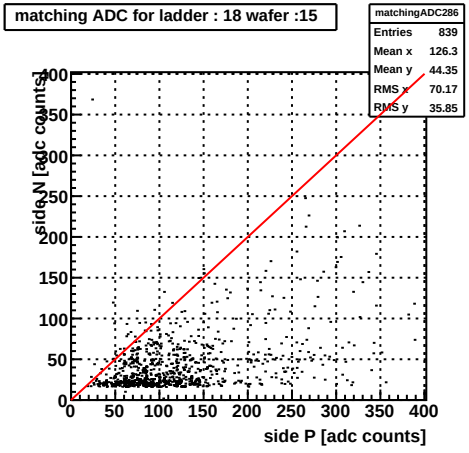

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 12829
Mean x 80.08
Mean y 91.43
RMS x 55.4
RMS y 58.79
side N [adc counts]
side P [adc counts]

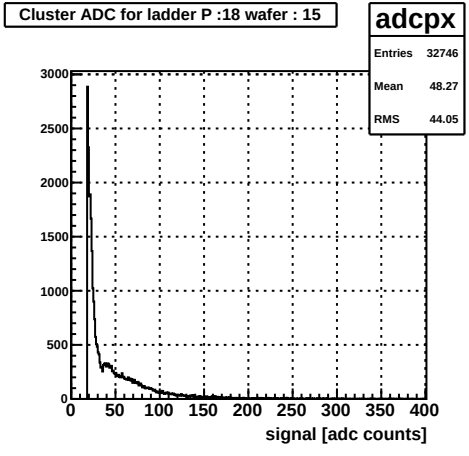

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 14431
Mean 70.16
RMS 54.76
signal [adc counts]

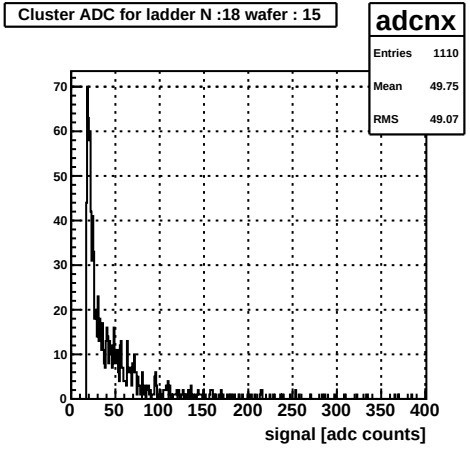

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 20698
Mean 76.68
RMS 60.75
signal [adc counts]

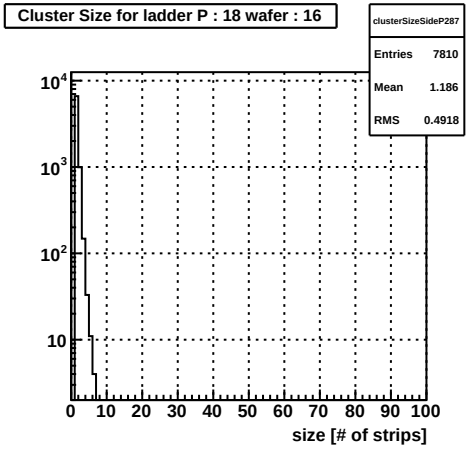

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 32746
Mean 1.257
RMS 0.5735
size [# of strips]

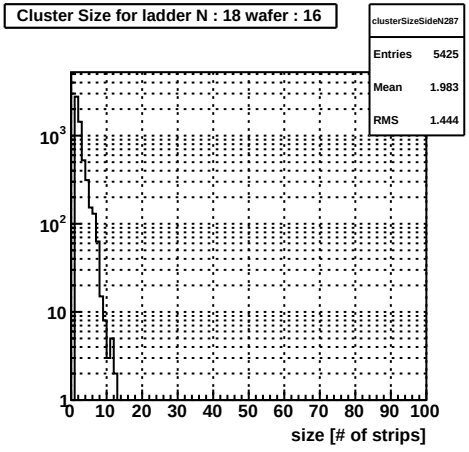

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 1110
Mean 1.386
RMS 0.7788
size [# of strips]

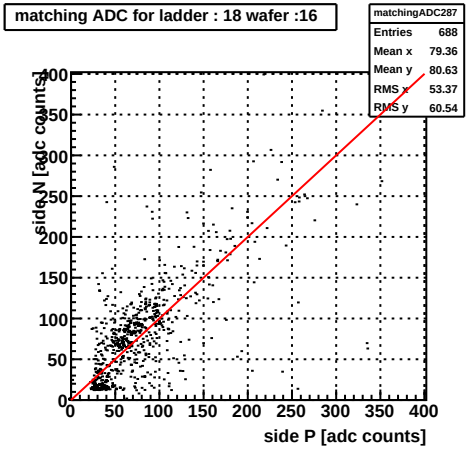

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 839
Mean x 126.3
Mean y 44.35
RMS x 70.17
RMS y 35.85
side N [adc counts]
side P [adc counts]

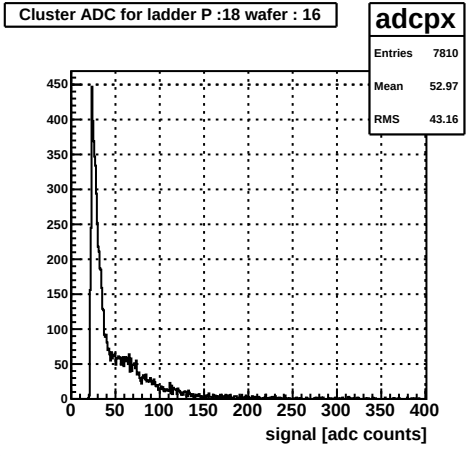

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 32746
Mean 48.27
RMS 44.05
signal [adc counts]

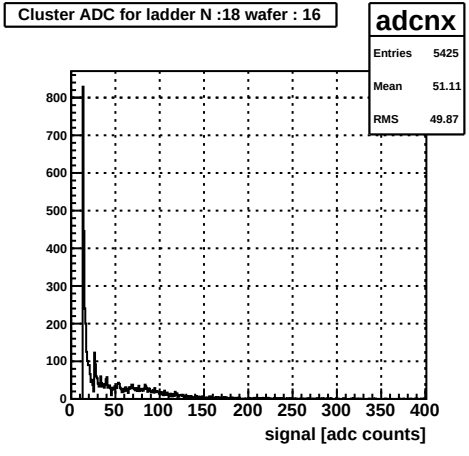

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 1110
Mean 49.75
RMS 49.07
signal [adc counts]

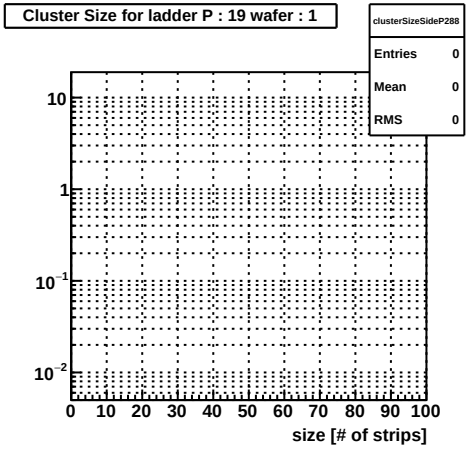

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 7810
Mean 1.186
RMS 0.4918
size [# of strips]

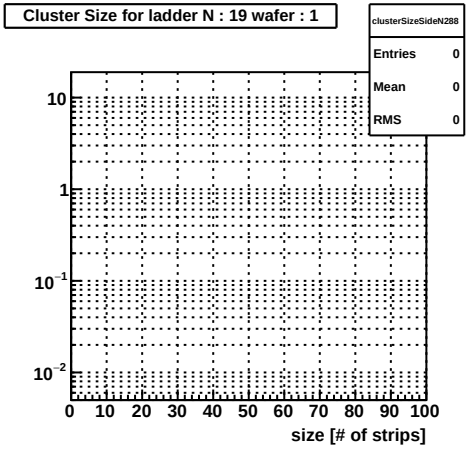

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 5425
Mean 1.983
RMS 1.444
size [# of strips]

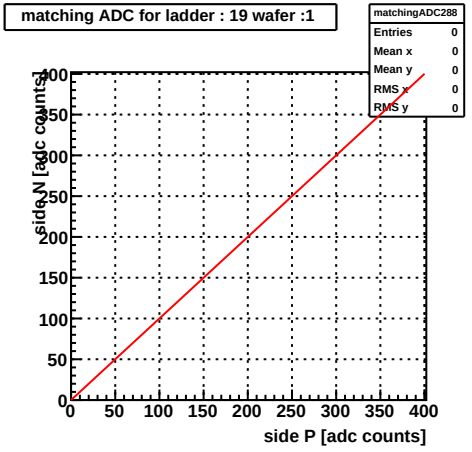

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 688
Mean x 79.36
Mean y 80.63
RMS x 53.37
RMS y 60.54
side N [adc counts]
side P [adc counts]

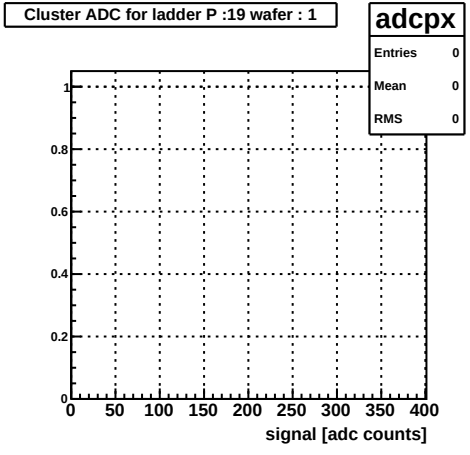

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 7810
Mean 52.97
RMS 43.16
signal [adc counts]

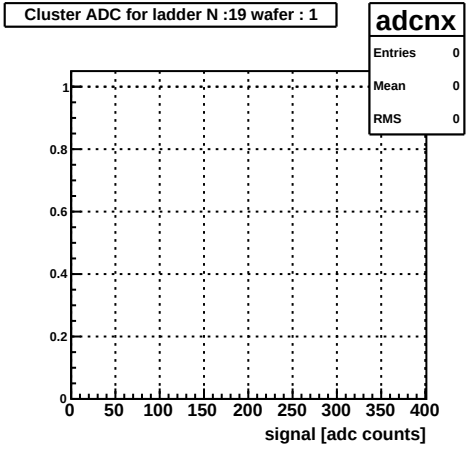

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 5425
Mean 51.11
RMS 49.87
signal [adc counts]

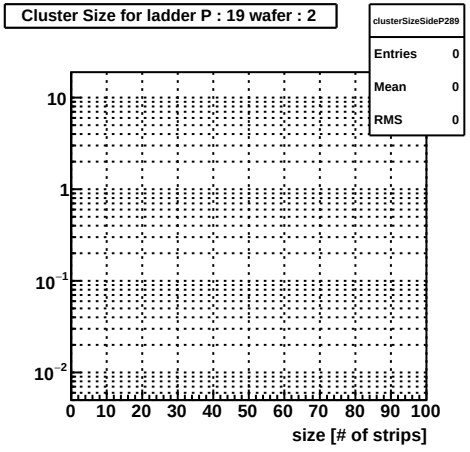

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

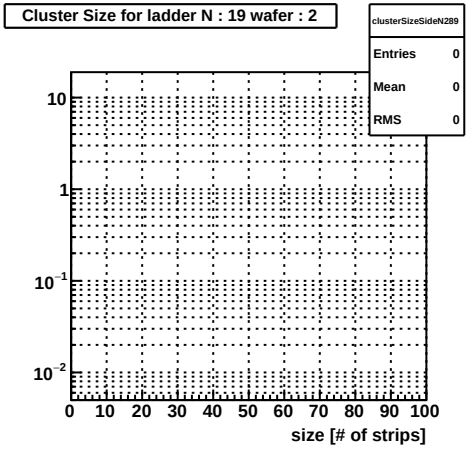

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

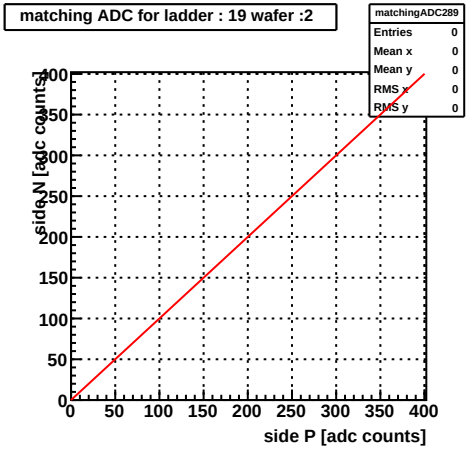

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

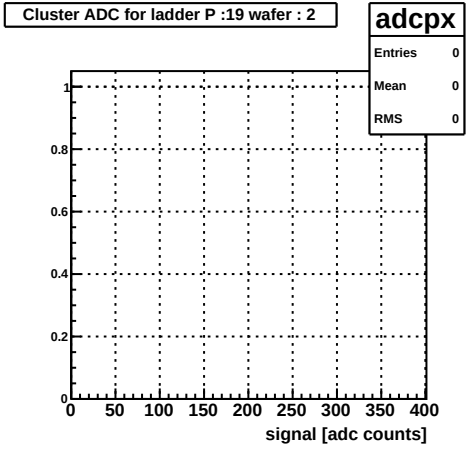

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

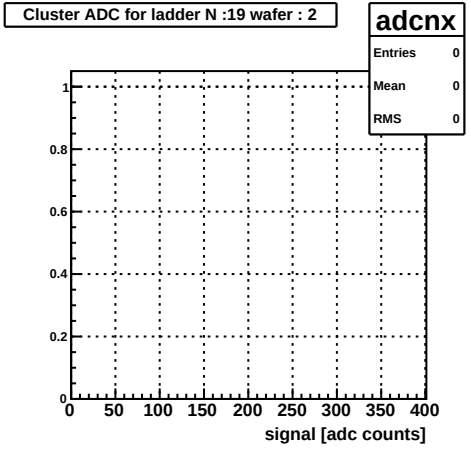

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

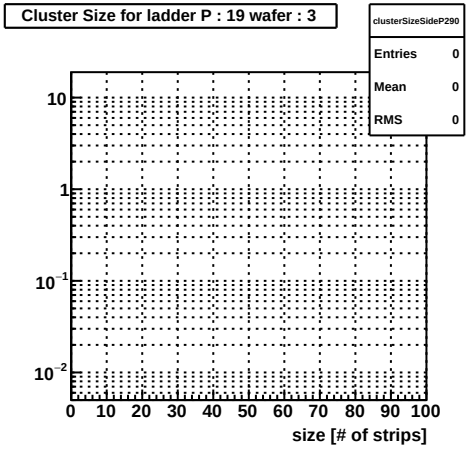

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

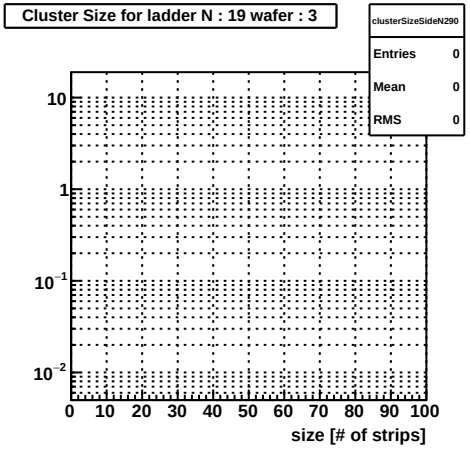

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

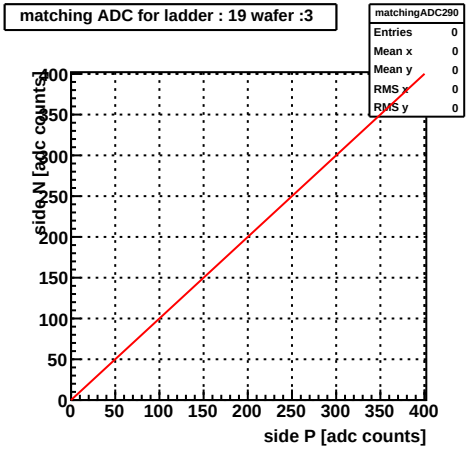

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

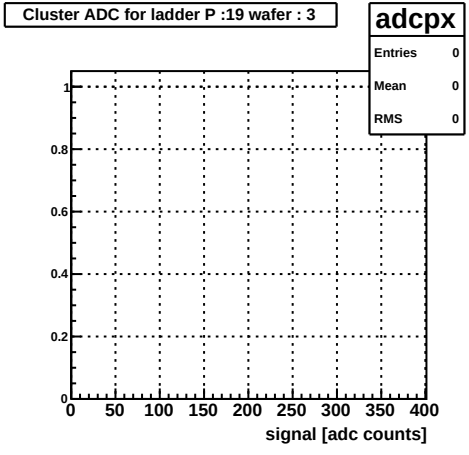

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

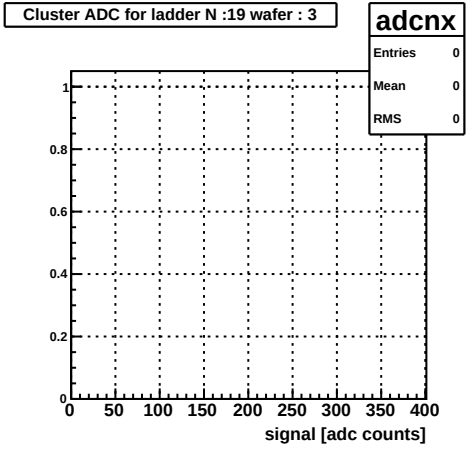

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

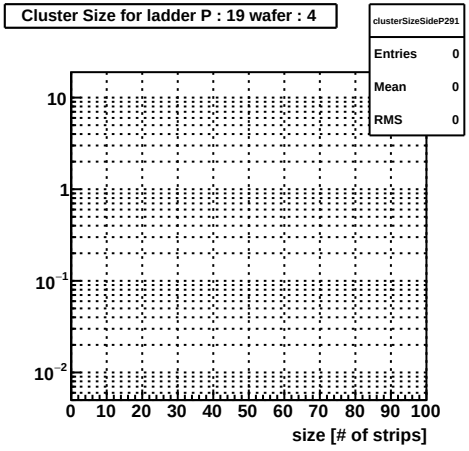

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

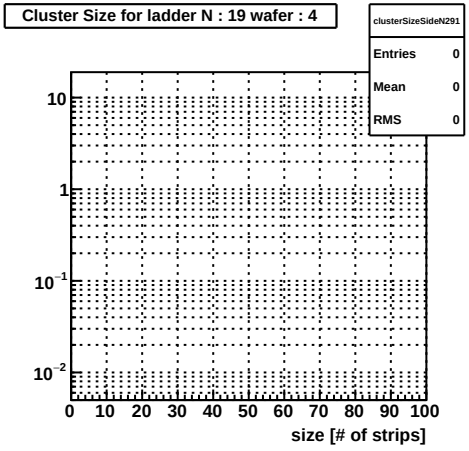

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

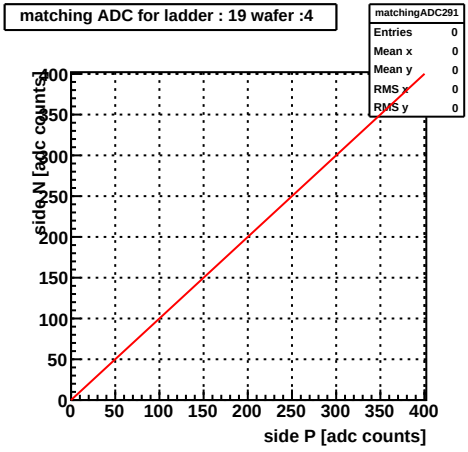

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

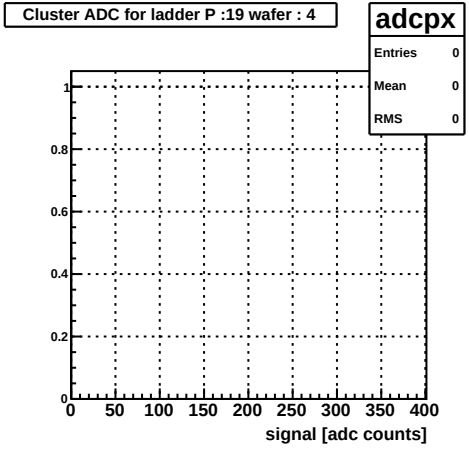

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

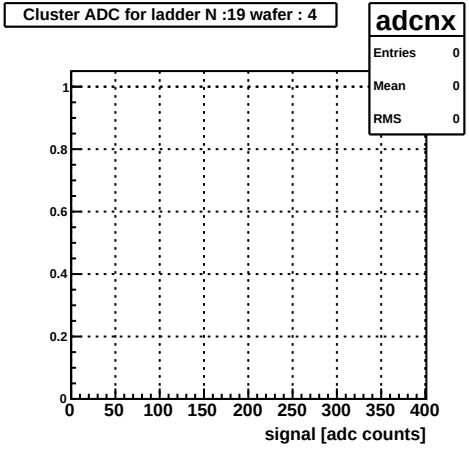

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

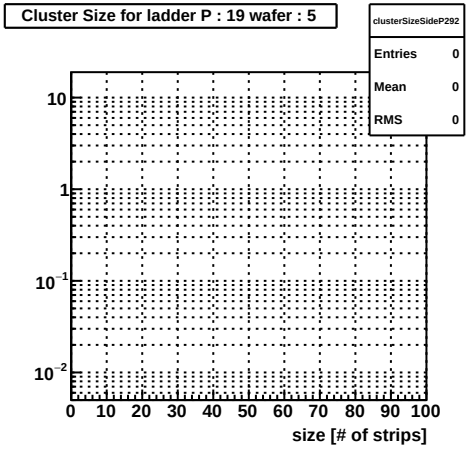

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

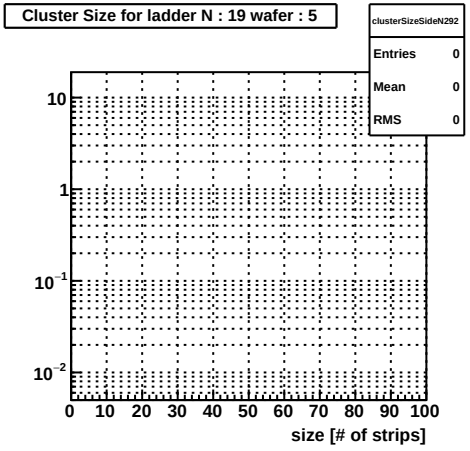

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

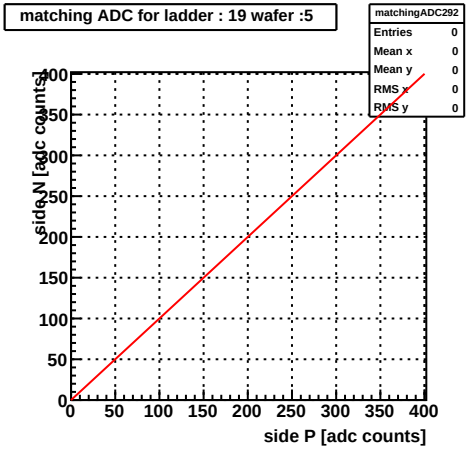

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

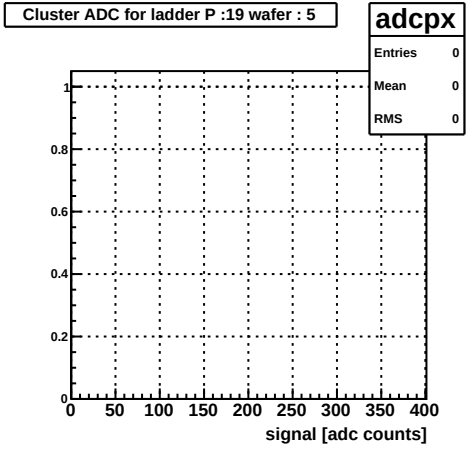

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

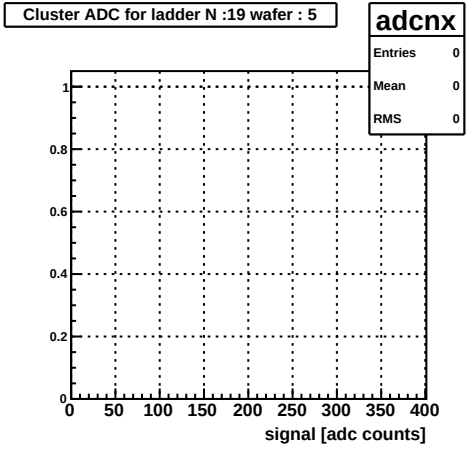

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

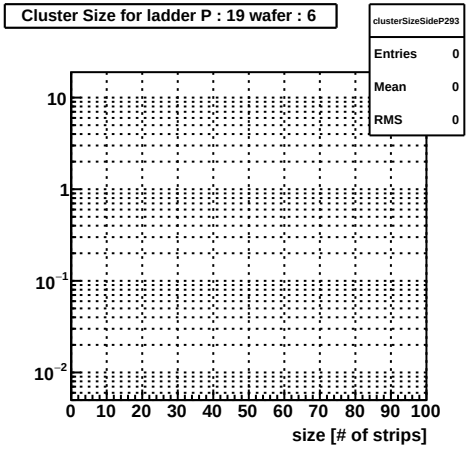

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

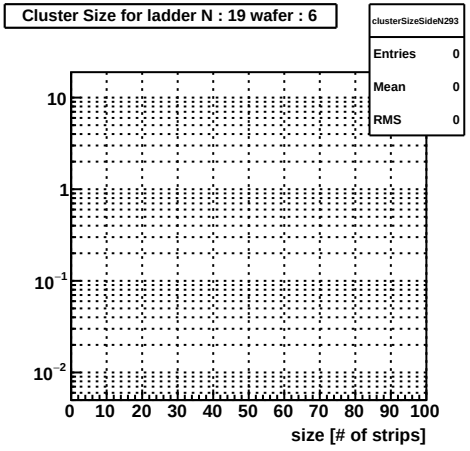

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

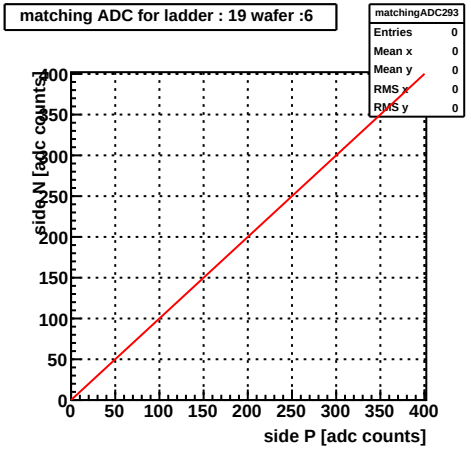

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

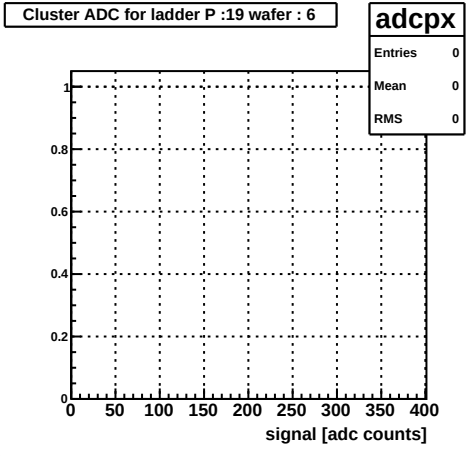

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

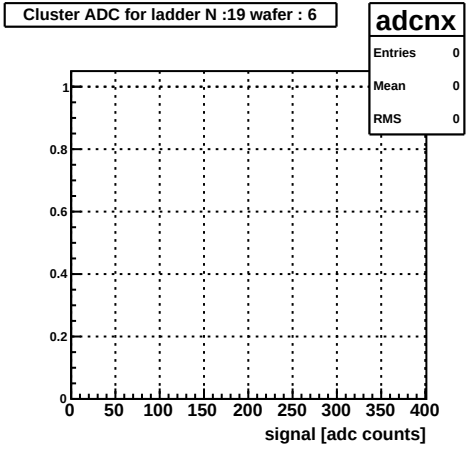

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

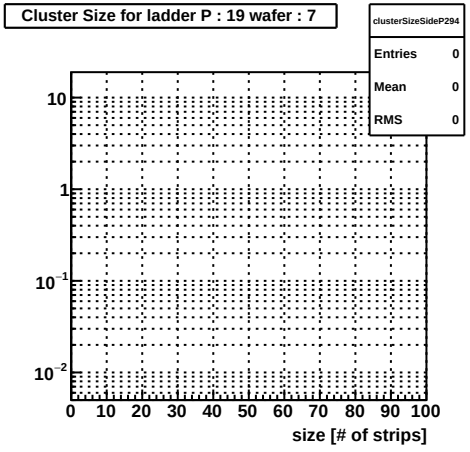

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

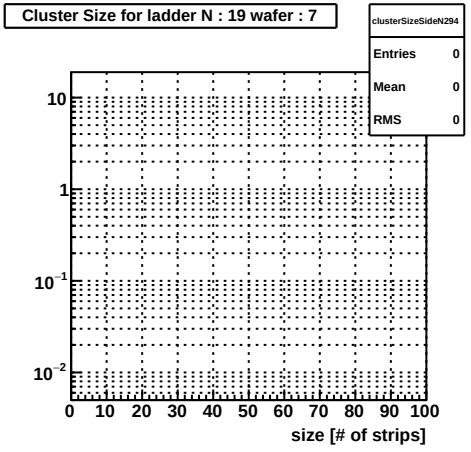

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

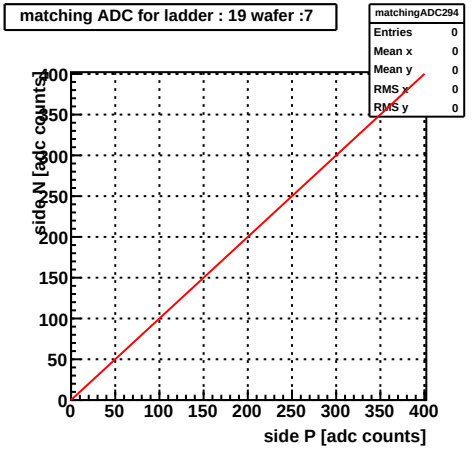

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

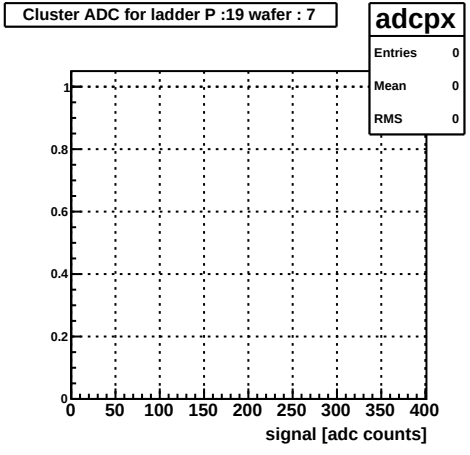

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

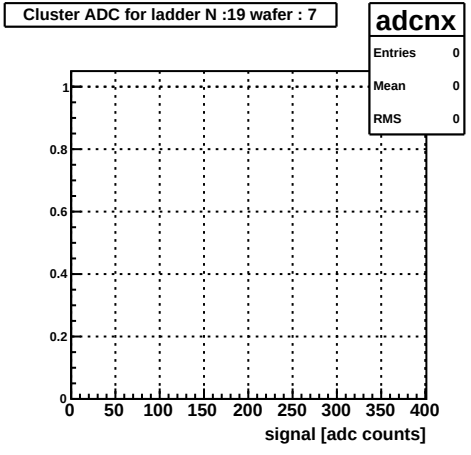

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

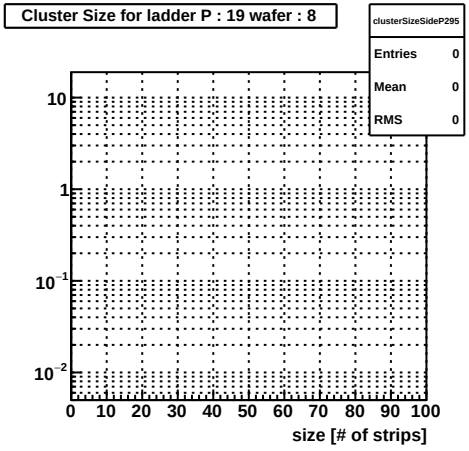

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

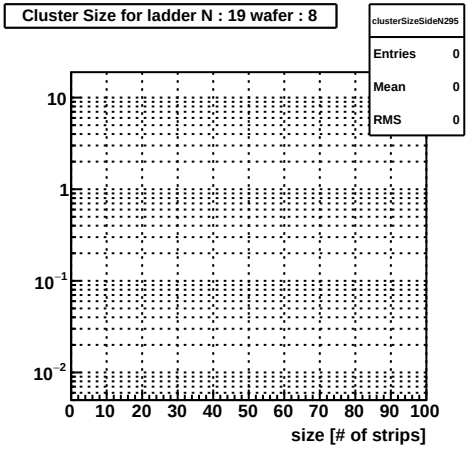

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

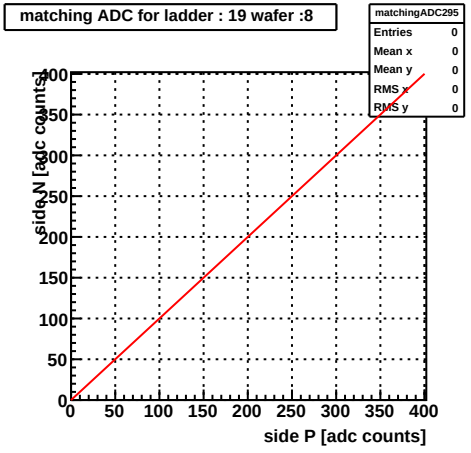

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

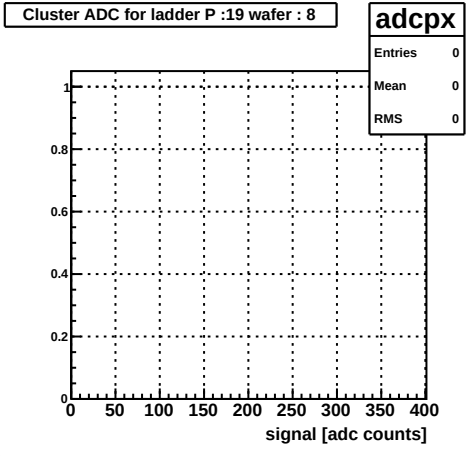

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

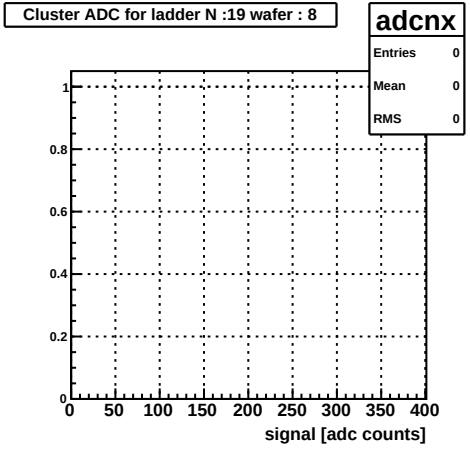

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

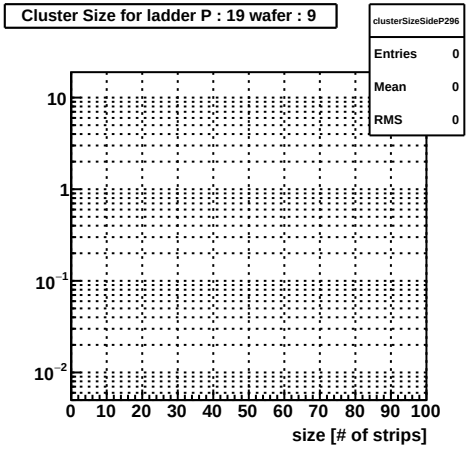

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

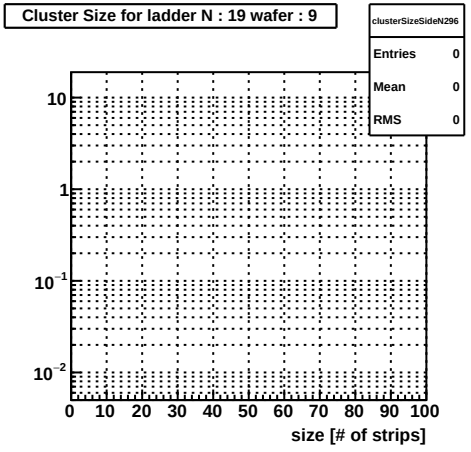

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

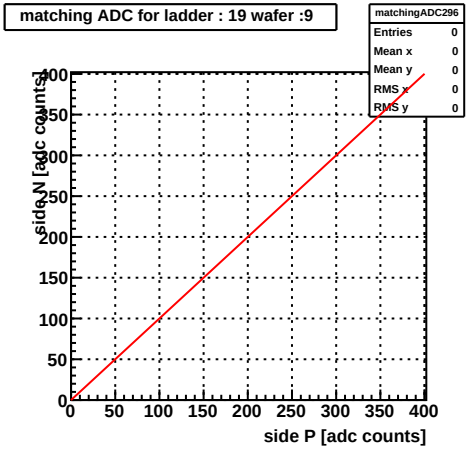

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

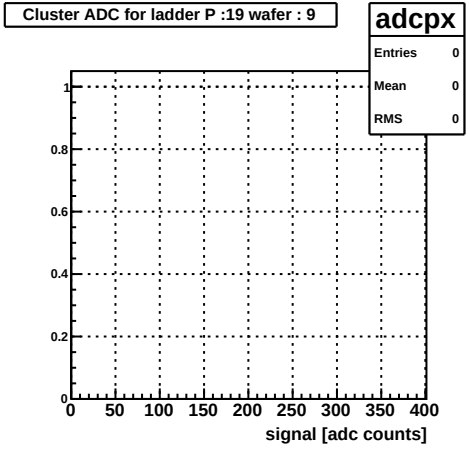

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

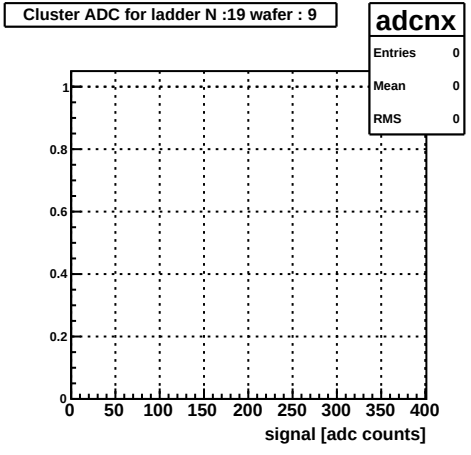

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

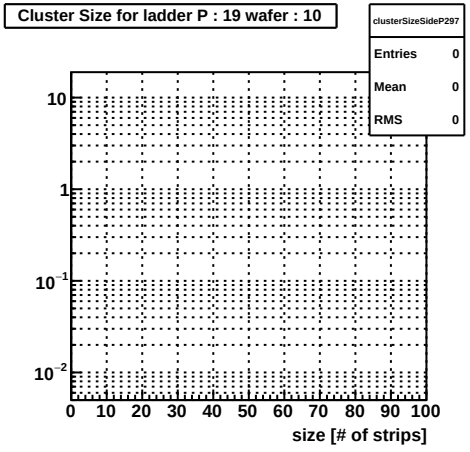

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

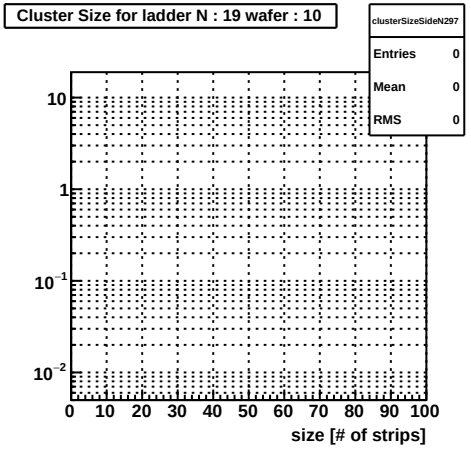

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

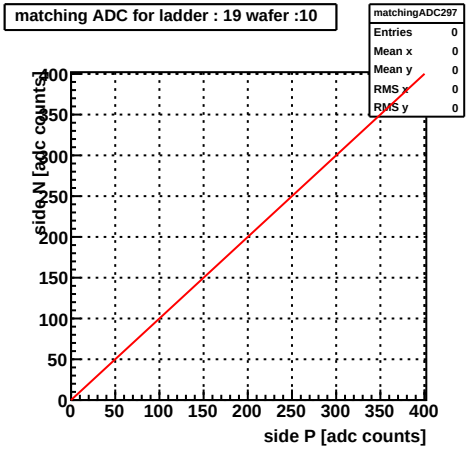

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

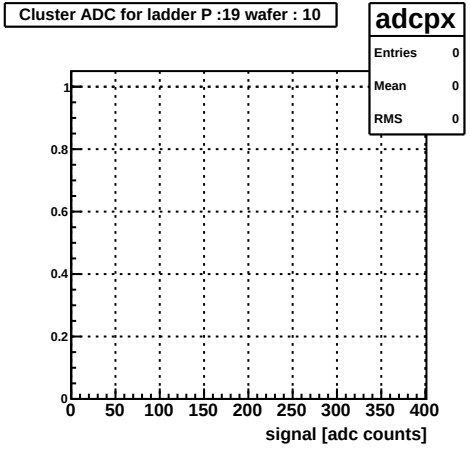

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

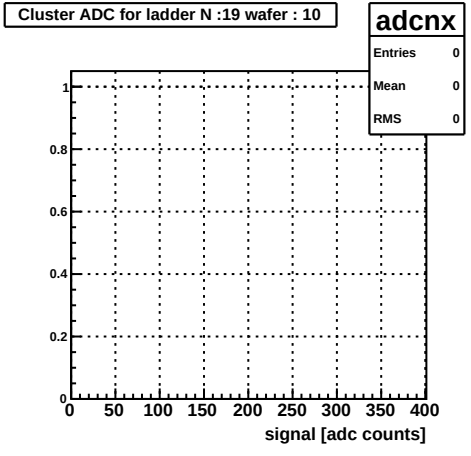

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

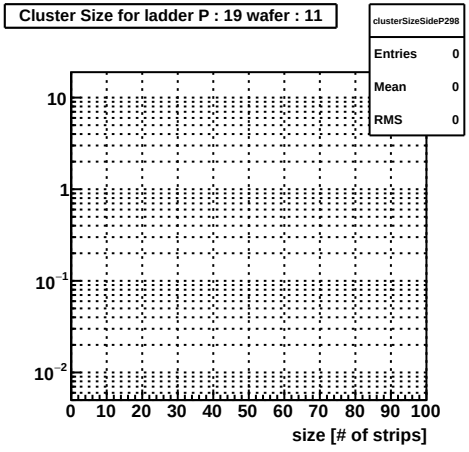

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

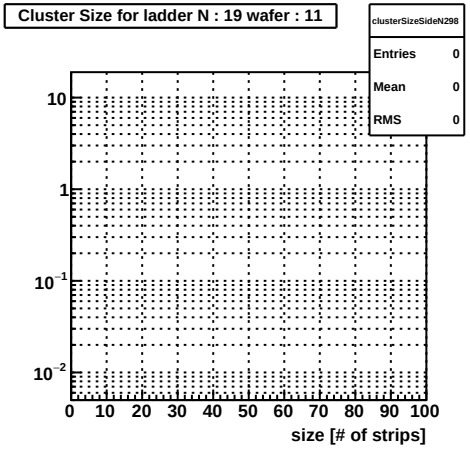

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

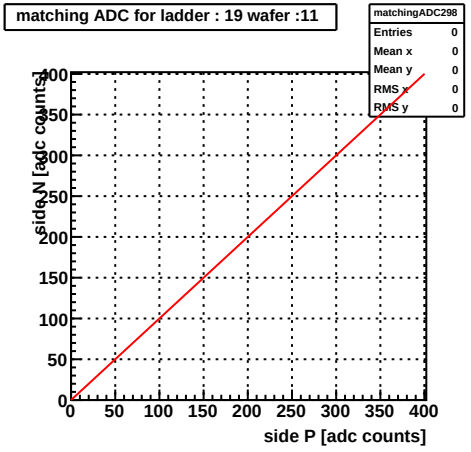

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

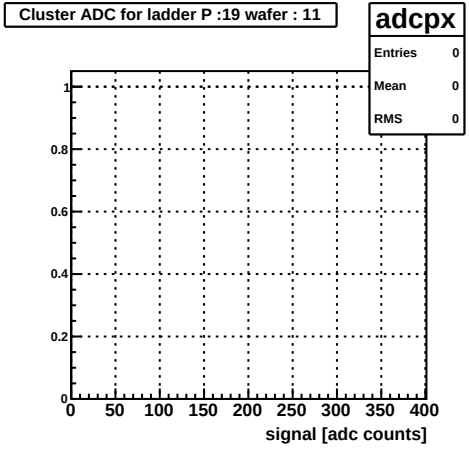

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

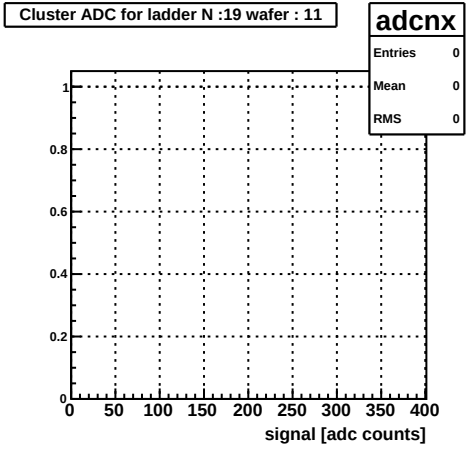

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

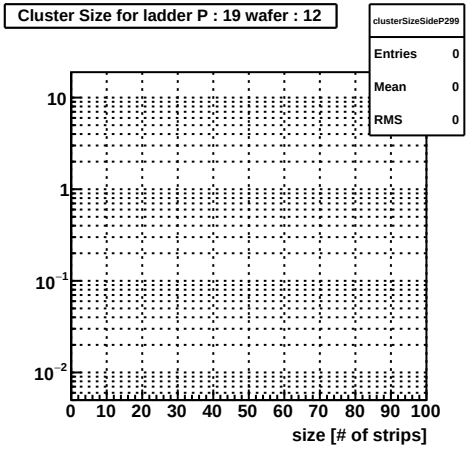

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

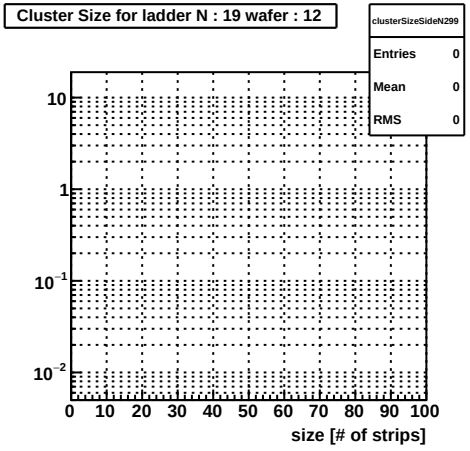

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

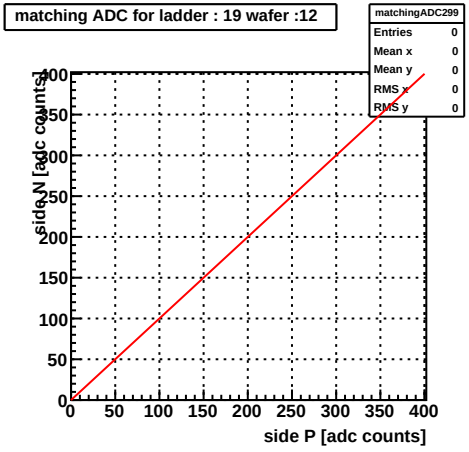

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

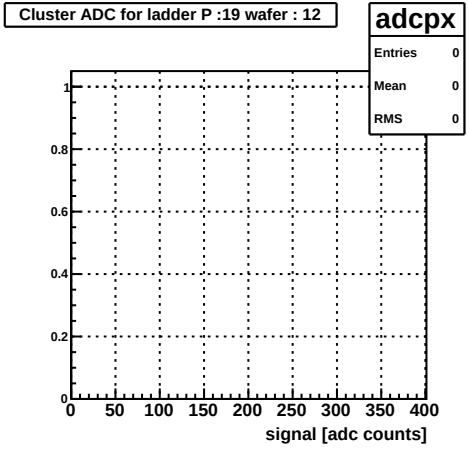

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

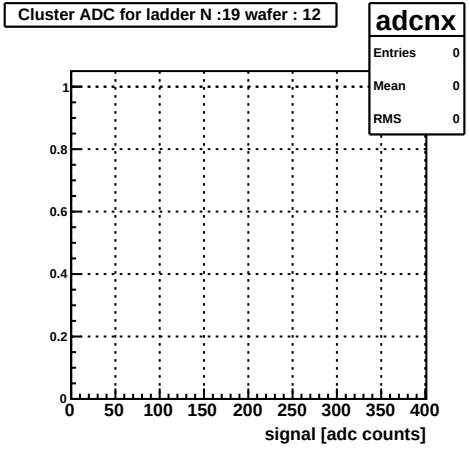

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

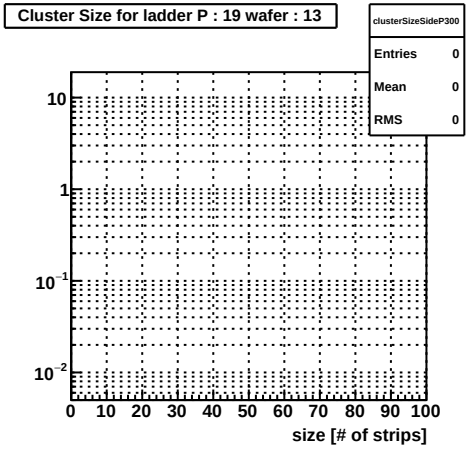

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

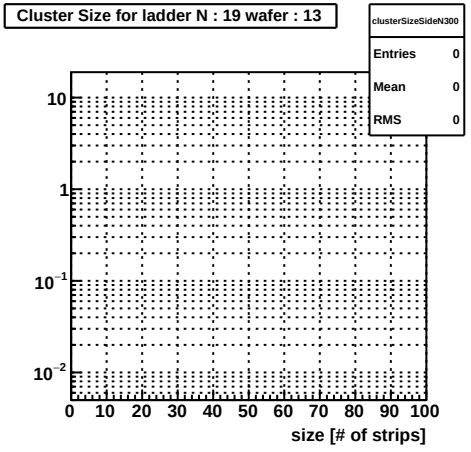

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

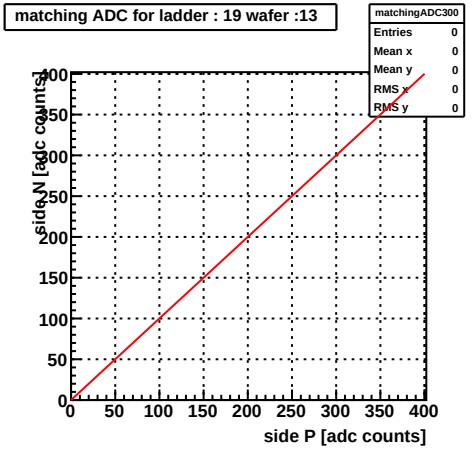

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

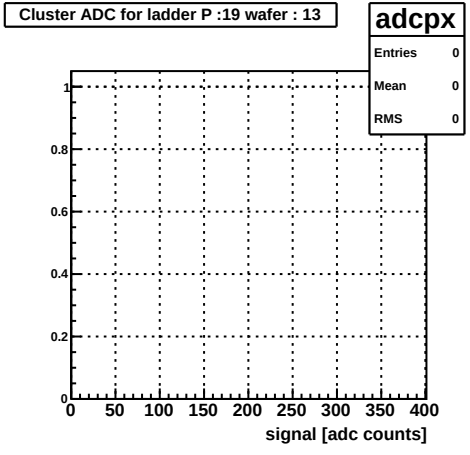

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

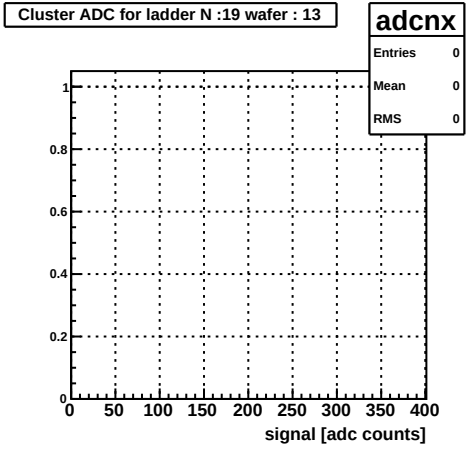

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

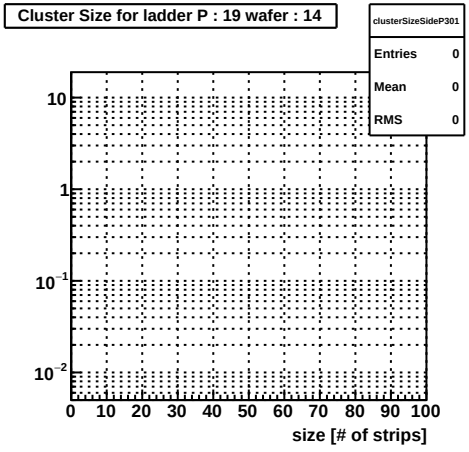

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

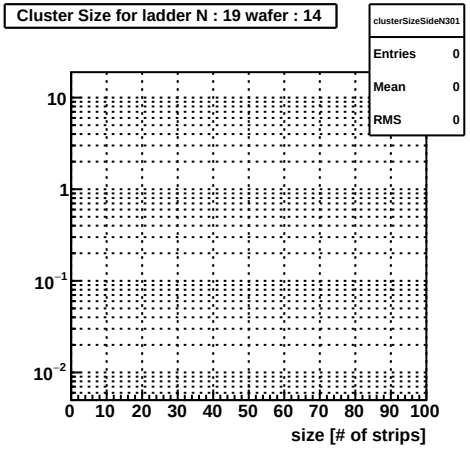

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

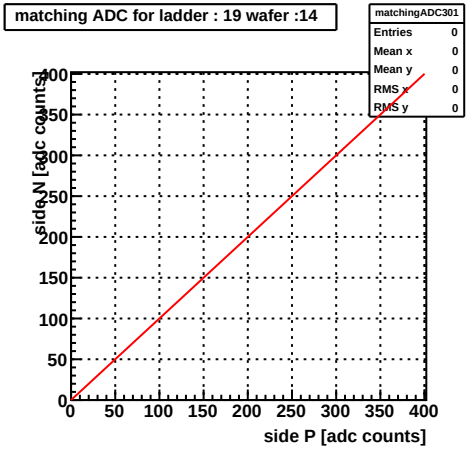

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

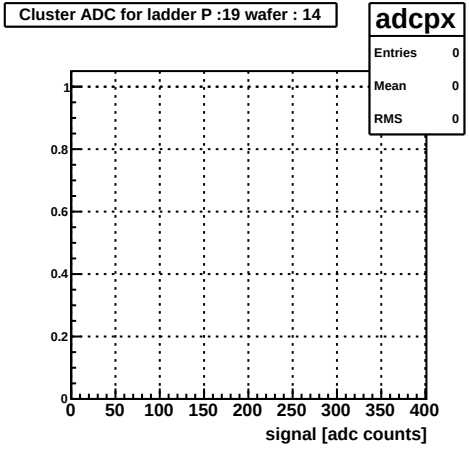

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

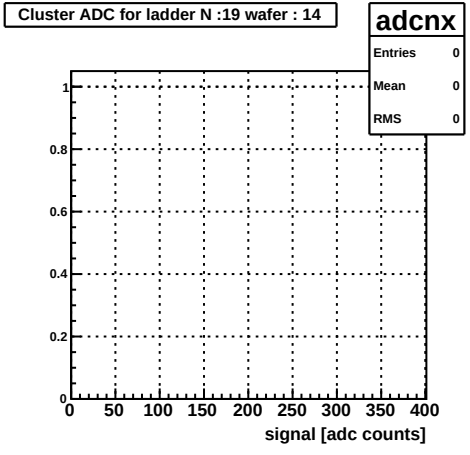

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

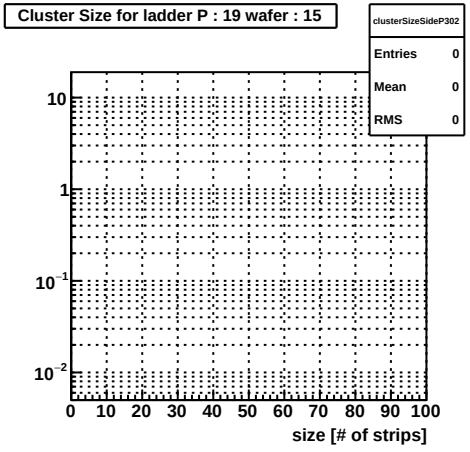

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

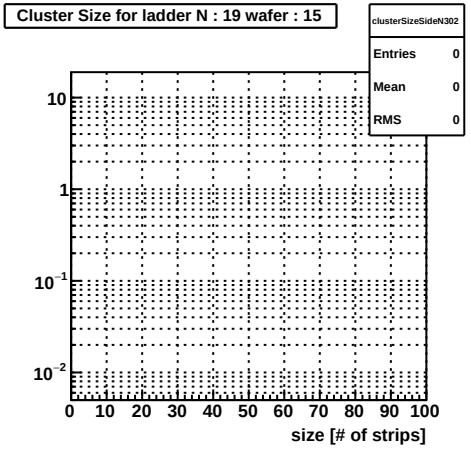

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

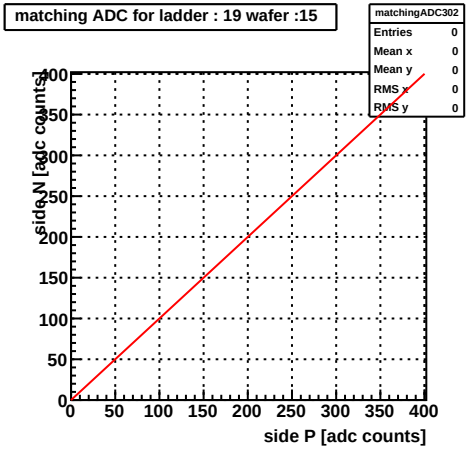

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

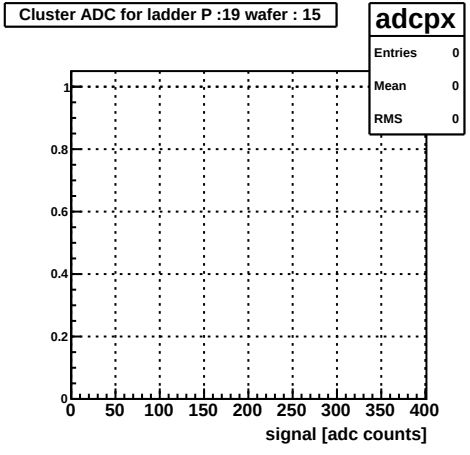

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

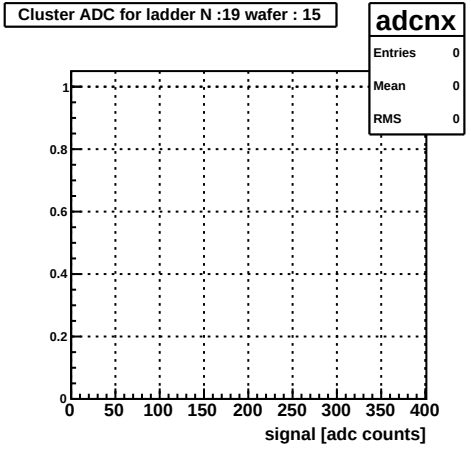

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

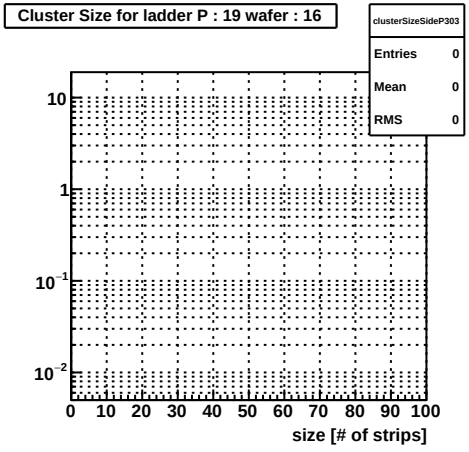

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

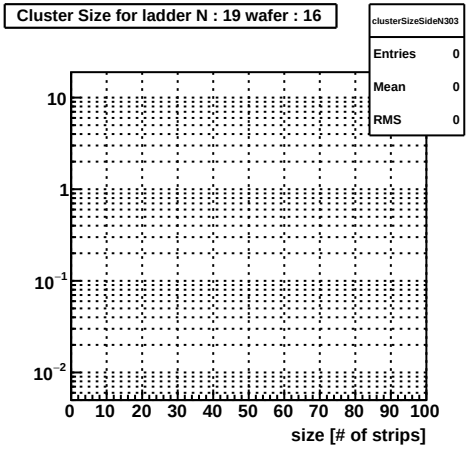

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

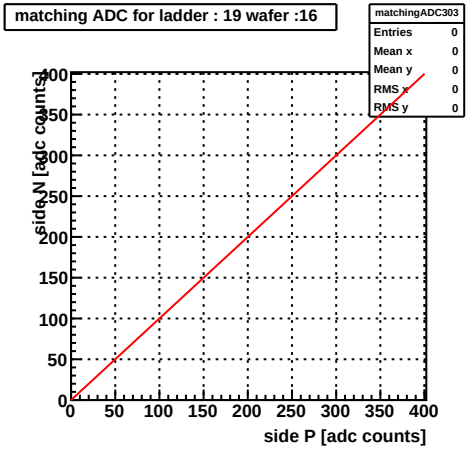

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

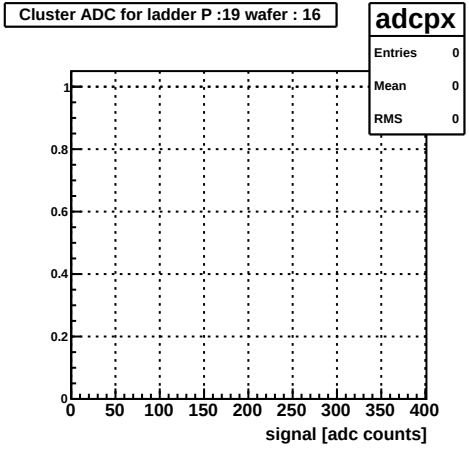

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

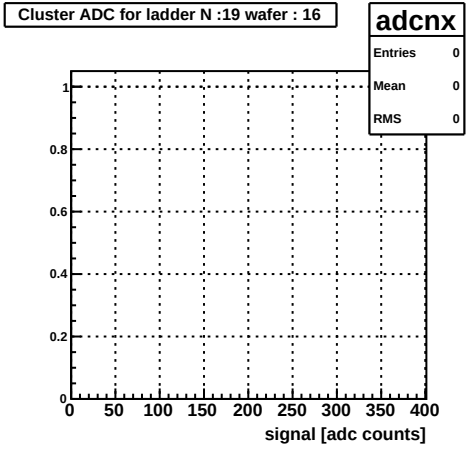

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

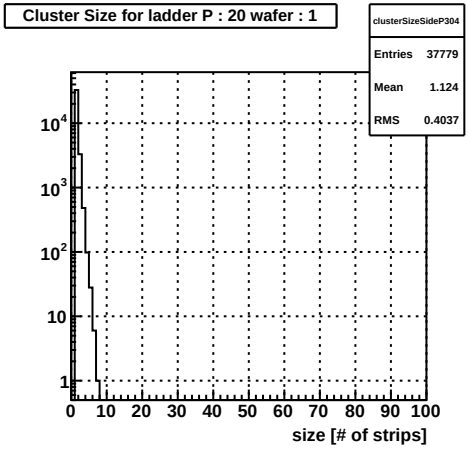

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

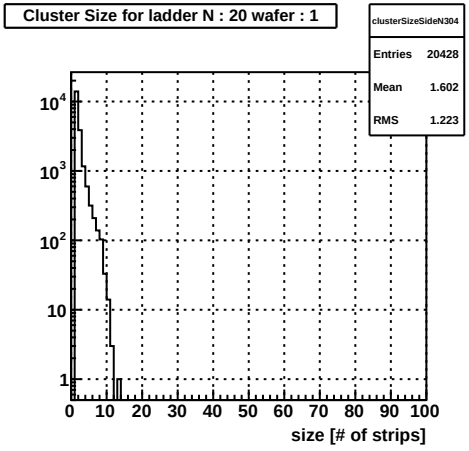

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

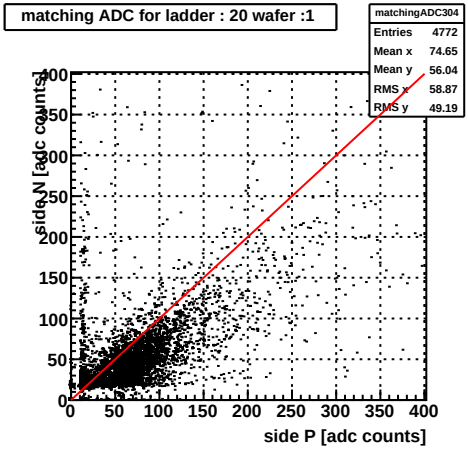

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

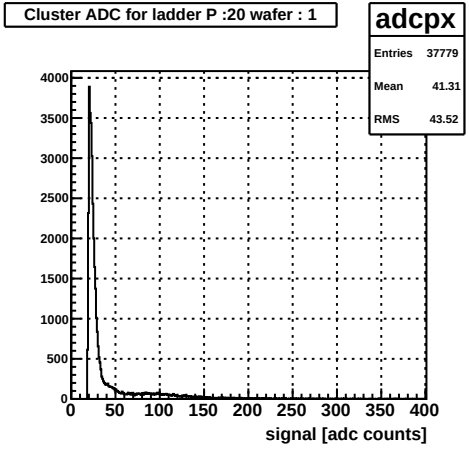

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

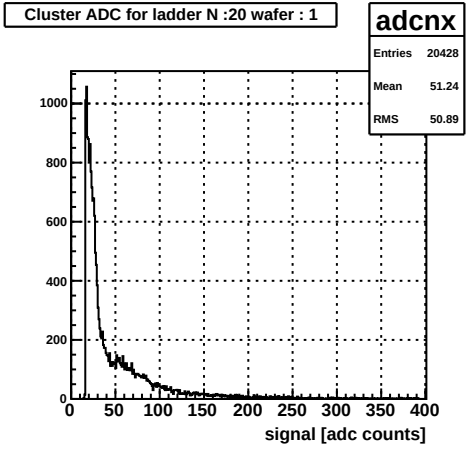

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

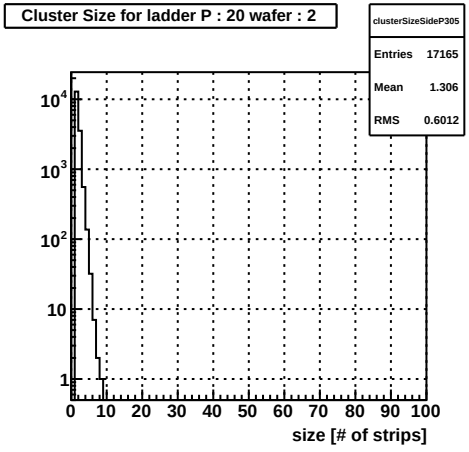

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 37779
Mean 1.124
RMS 0.4037
size [# of strips]

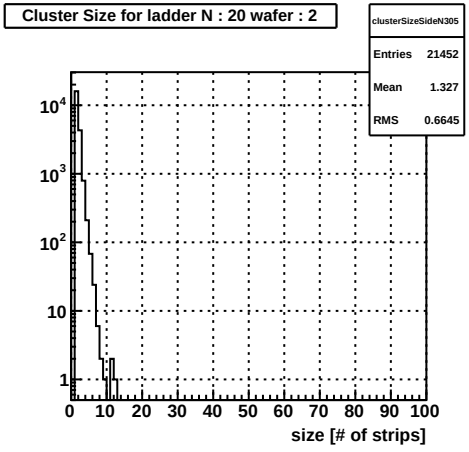

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 20428
Mean 1.602
RMS 1.223
size [# of strips]

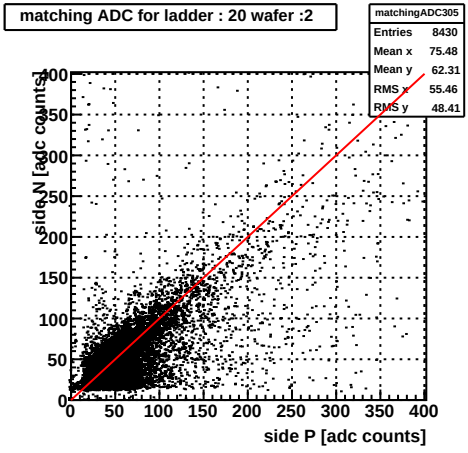

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4772
Mean x 74.65
Mean y 56.04
RMS x 58.87
RMS y 49.19
side N [adc counts]
side P [adc counts]

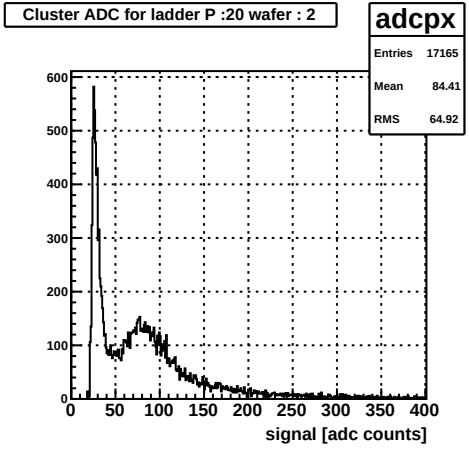

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 37779
Mean 41.31
RMS 43.52
signal [adc counts]

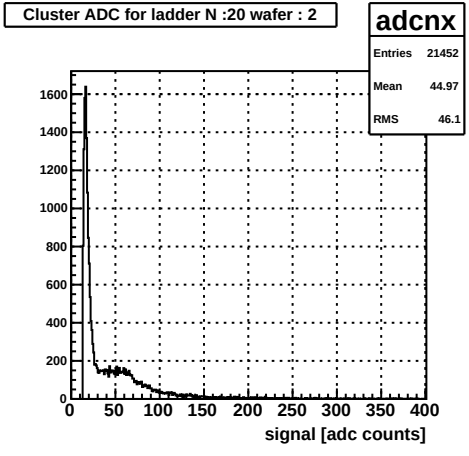

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 20428
Mean 51.24
RMS 50.89
signal [adc counts]

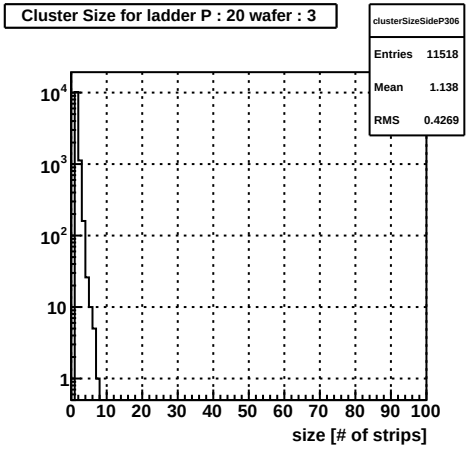

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 17165
Mean 1.306
RMS 0.6012
size [# of strips]

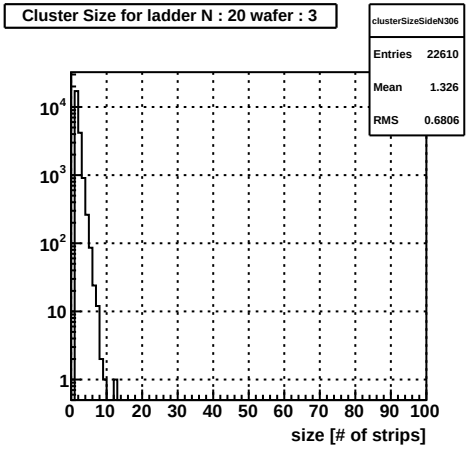

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 21452
Mean 1.327
RMS 0.6645
size [# of strips]

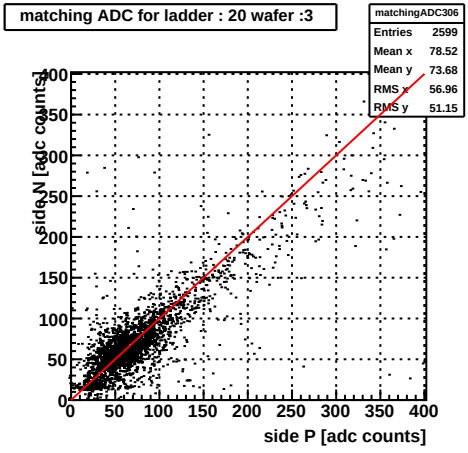

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 8430
Mean x 75.48
Mean y 62.31
RMS x 55.46
RMS y 48.41
side N [adc counts]
side P [adc counts]

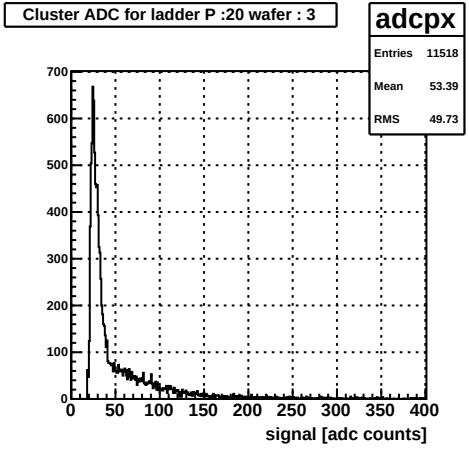

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 17165
Mean 84.41
RMS 64.92
signal [adc counts]

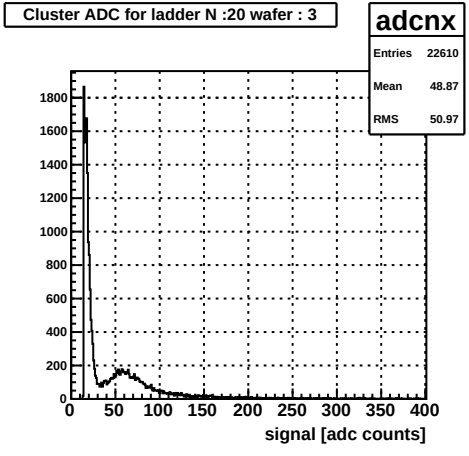

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 21452
Mean 44.97
RMS 46.1
signal [adc counts]

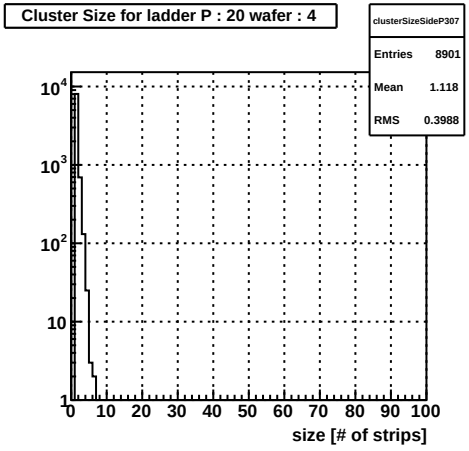

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 11518
Mean 1.138
RMS 0.4269
size [# of strips]

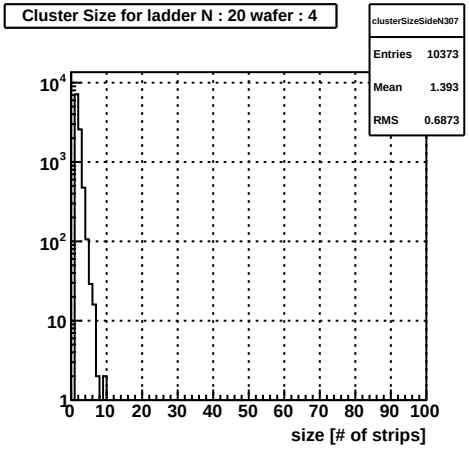

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 22610
Mean 1.326
RMS 0.6806
size [# of strips]

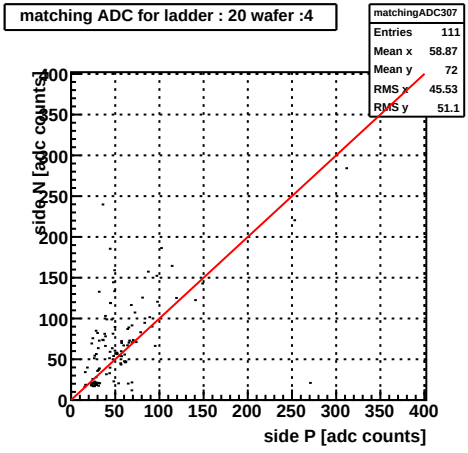

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2599
Mean x 78.52
Mean y 73.68
RMS x 56.96
RMS y 51.15
side N [adc counts]
side P [adc counts]

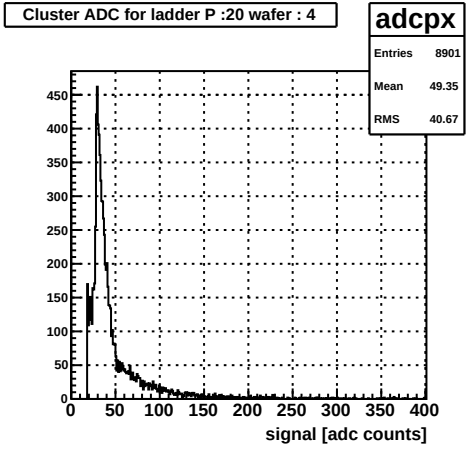

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 11518
Mean 53.39
RMS 49.73
signal [adc counts]

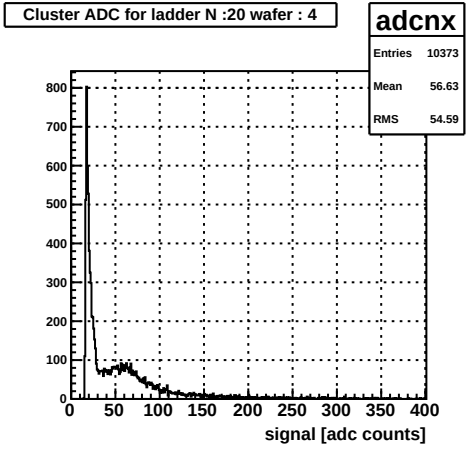

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 22610
Mean 48.87
RMS 50.97
signal [adc counts]

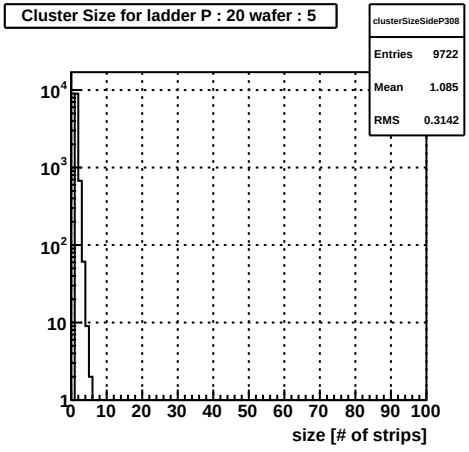

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 8901
Mean 1.118
RMS 0.3988
size [# of strips]

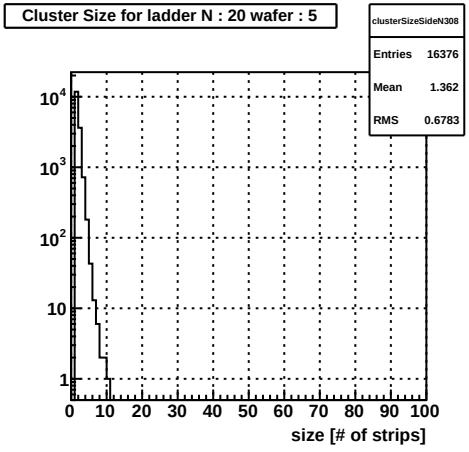

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 10373
Mean 1.393
RMS 0.6873
size [# of strips]

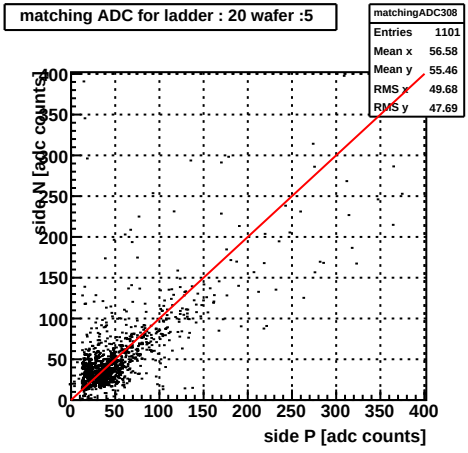

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 111
Mean x 58.87
Mean y 72
RMS x 45.53
RMS y 51.1
side N [adc counts]
side P [adc counts]

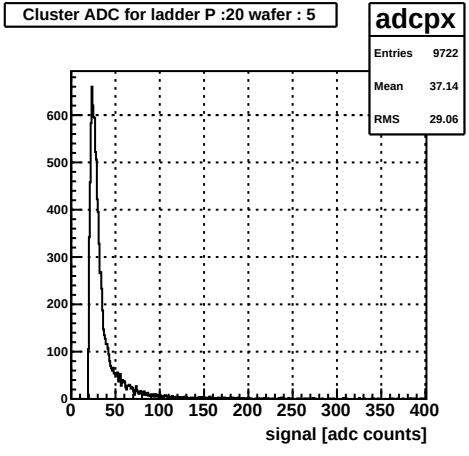

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 8901
Mean 49.35
RMS 40.67
signal [adc counts]

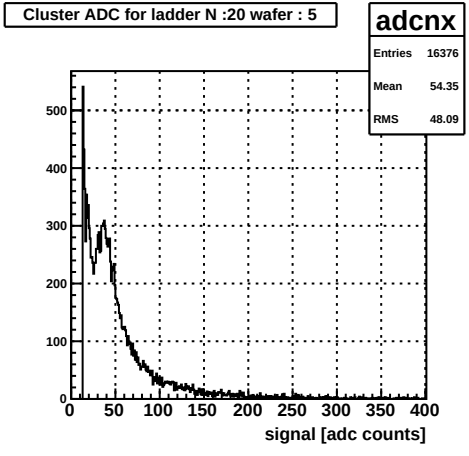

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 10373
Mean 56.63
RMS 54.59
signal [adc counts]

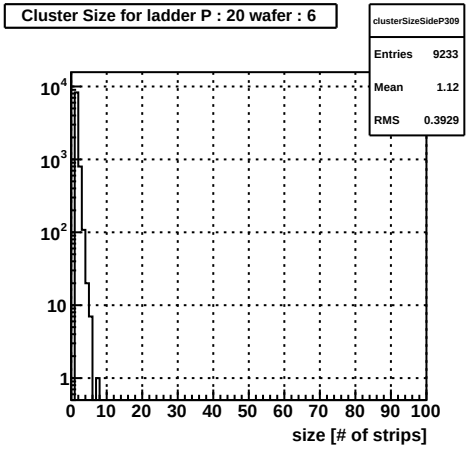

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9722
Mean 1.085
RMS 0.3142
size [# of strips]

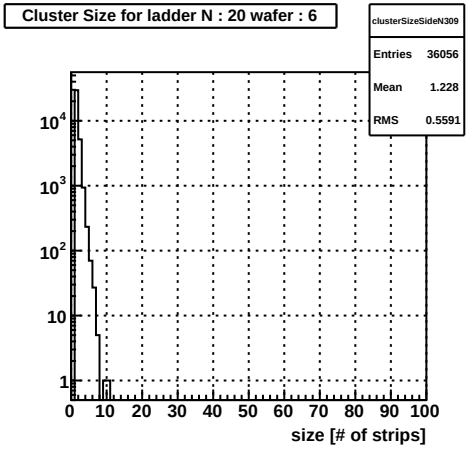

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 16376
Mean 1.362
RMS 0.6783
size [# of strips]

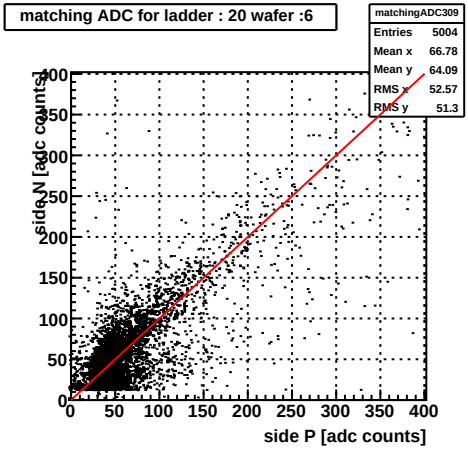

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1101
Mean x 56.58
Mean y 55.46
RMS x 49.68
RMS y 47.69
side N [adc counts]
side P [adc counts]

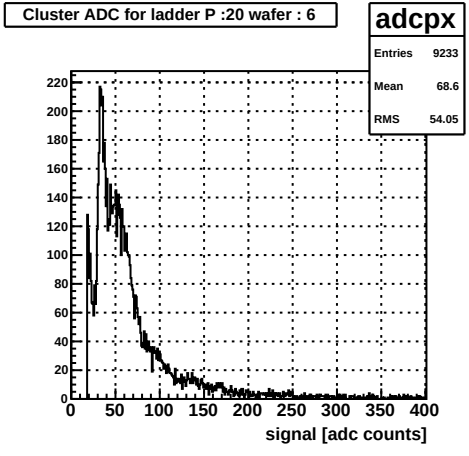

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9722
Mean 37.14
RMS 29.06
signal [adc counts]

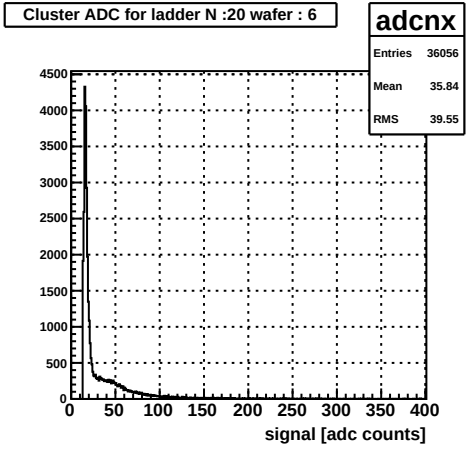

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 16376
Mean 54.35
RMS 48.09
signal [adc counts]

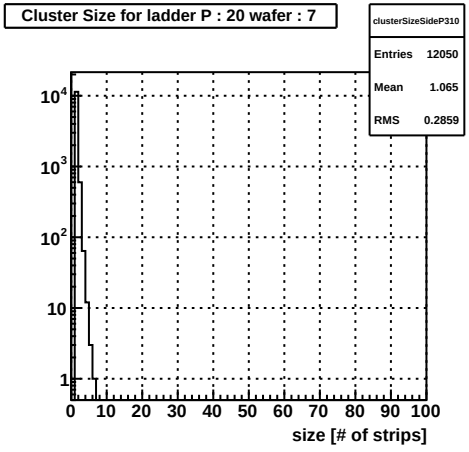

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 9233
Mean 1.12
RMS 0.3929
size [# of strips]

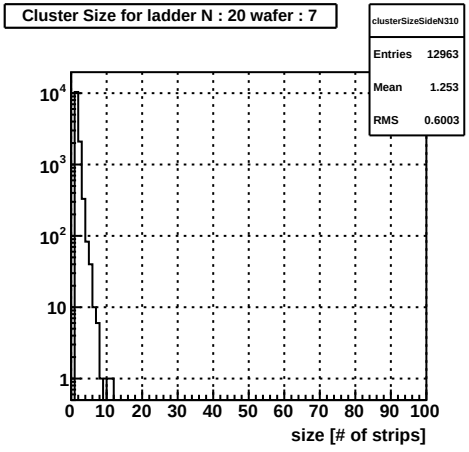

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 36056
Mean 1.228
RMS 0.5591
size [# of strips]

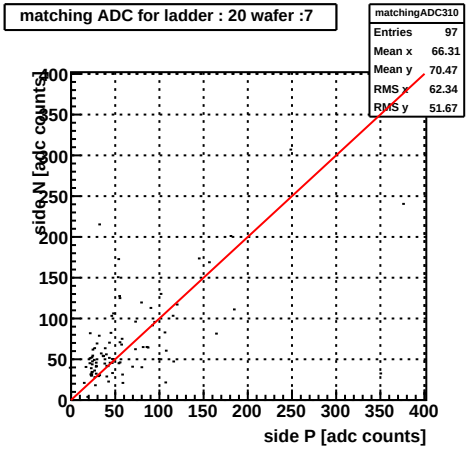

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 5004
Mean x 66.78
Mean y 64.09
RMS x 52.57
RMS y 51.3
side N [adc counts]
side P [adc counts]

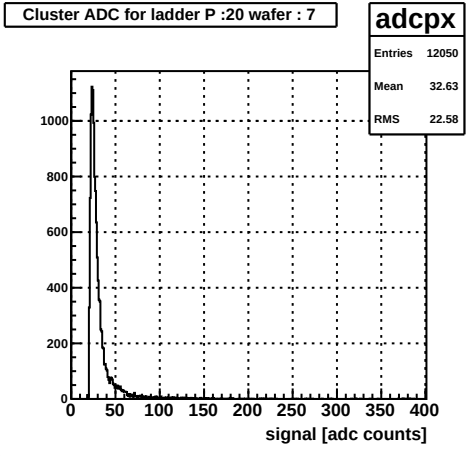

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 9233
Mean 68.6
RMS 54.05
signal [adc counts]

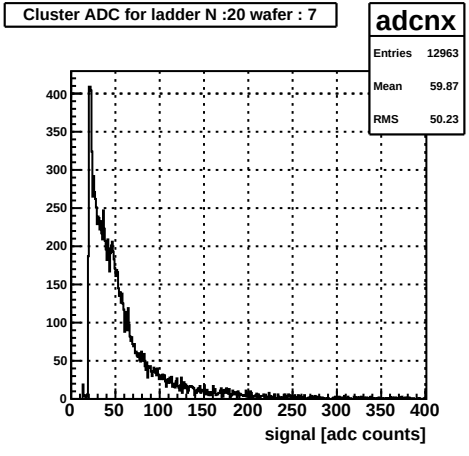

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 36056
Mean 35.84
RMS 39.55
signal [adc counts]

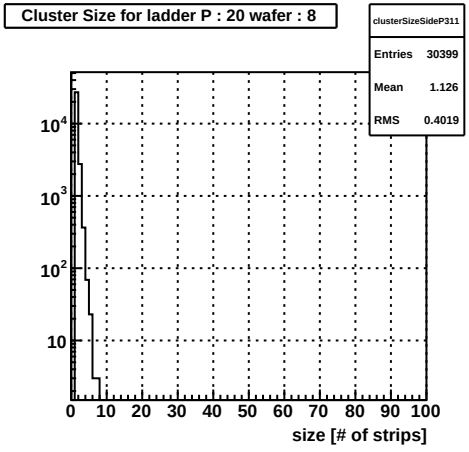

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 12050
Mean 1.065
RMS 0.2859
size [# of strips]

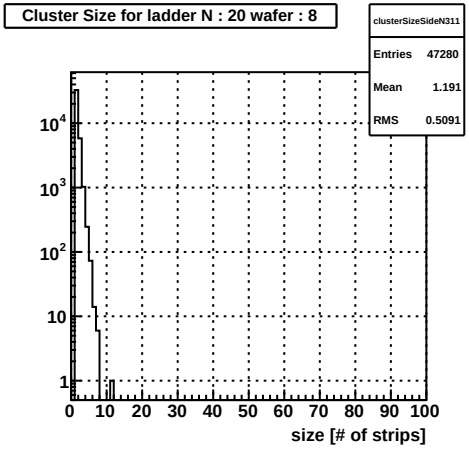

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 12963
Mean 1.253
RMS 0.6003
size [# of strips]

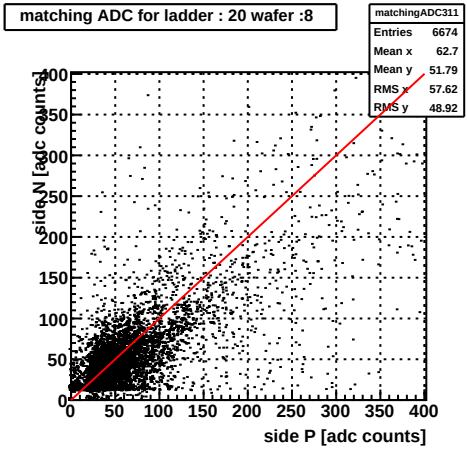

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 97
Mean x 66.31
Mean y 70.47
RMS x 62.34
RMS y 51.67
side N [adc counts]
side P [adc counts]

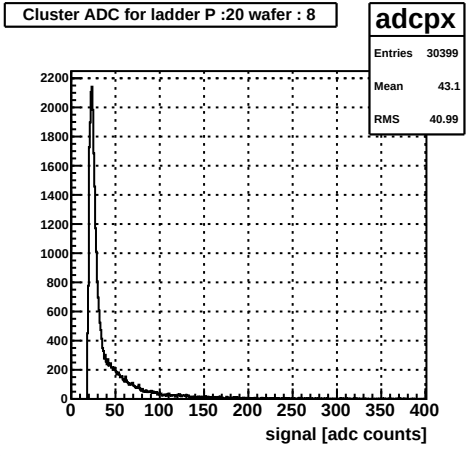

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 12050
Mean 32.63
RMS 22.58
signal [adc counts]

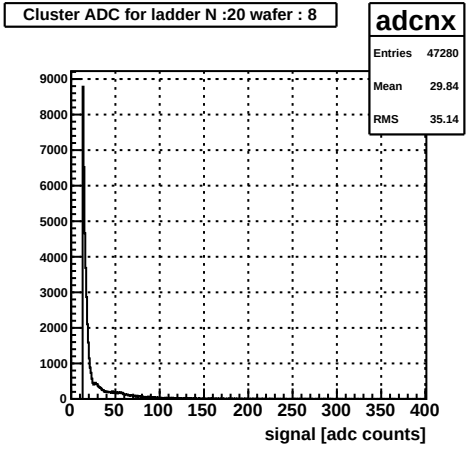

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 12963
Mean 59.87
RMS 50.23
signal [adc counts]

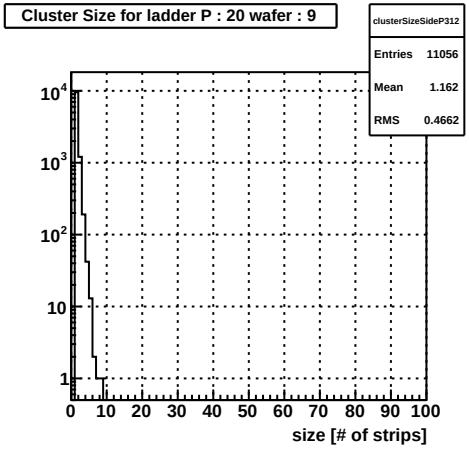

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 30399
Mean 1.126
RMS 0.4019
size [# of strips]

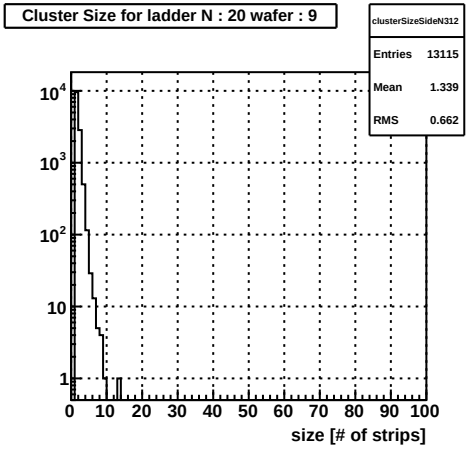

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 47280
Mean 1.191
RMS 0.5091
size [# of strips]

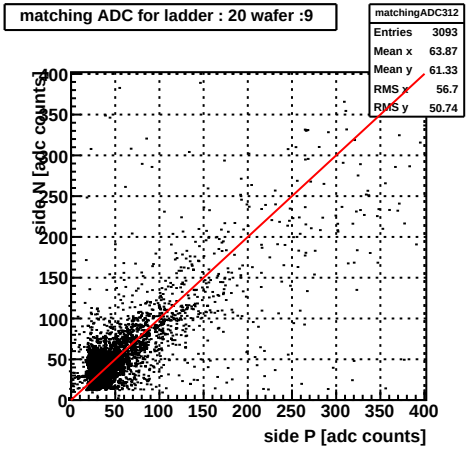

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 6674
Mean x 62.7
Mean y 51.79
RMS x 57.62
RMS y 48.92
side N [adc counts]
side P [adc counts]

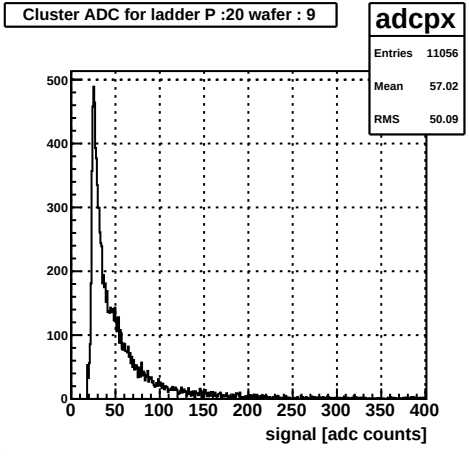

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 30399
Mean 43.1
RMS 40.99
signal [adc counts]

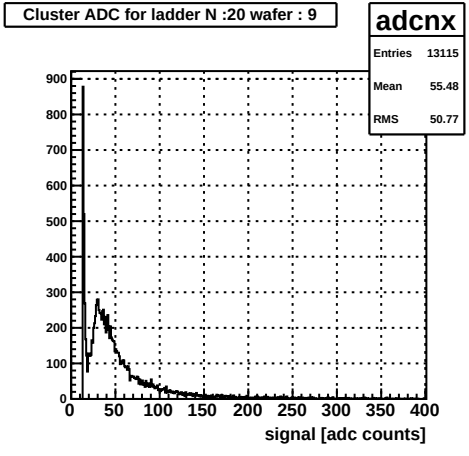

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 47280
Mean 29.84
RMS 35.14
signal [adc counts]

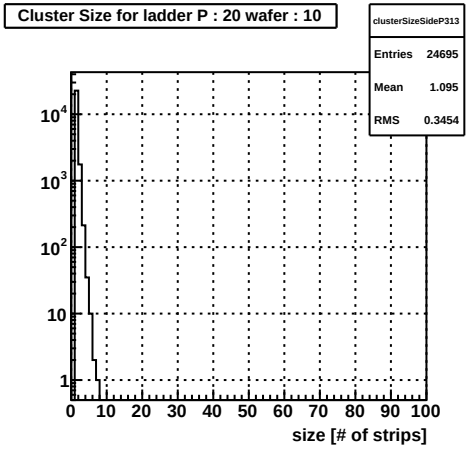

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 11056
Mean 1.162
RMS 0.4662
size [# of strips]

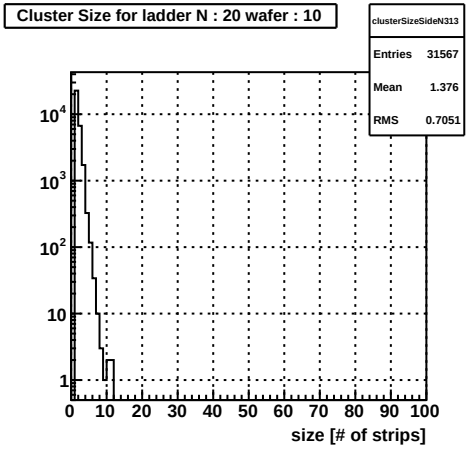

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 13115
Mean 1.339
RMS 0.662
size [# of strips]

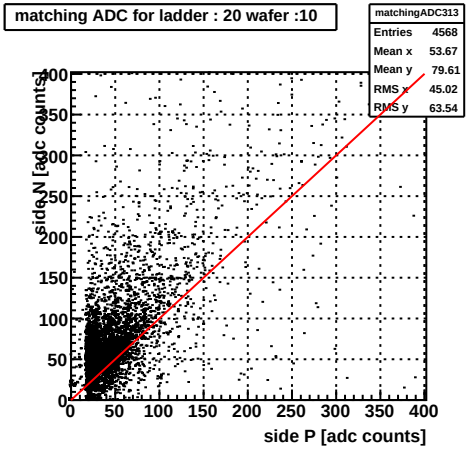

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 3093
Mean x 63.87
Mean y 61.33
RMS x 56.7
RMS y 50.74
side N [adc counts]
side P [adc counts]

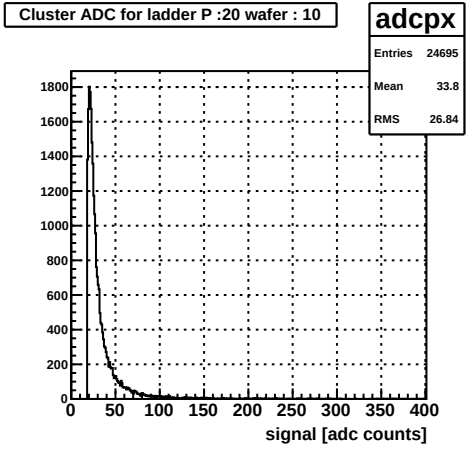

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 11056
Mean 57.02
RMS 50.09
signal [adc counts]

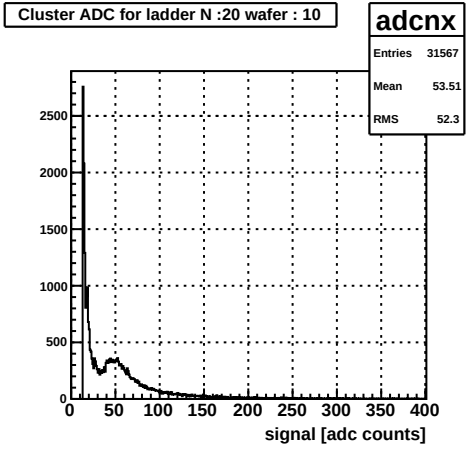

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 13115
Mean 55.48
RMS 50.77
signal [adc counts]

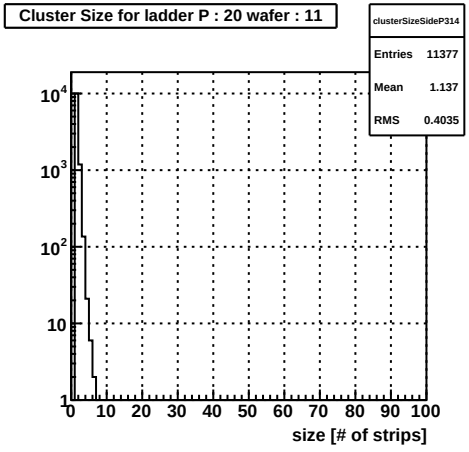

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 24695
Mean 1.095
RMS 0.3454
size [# of strips]

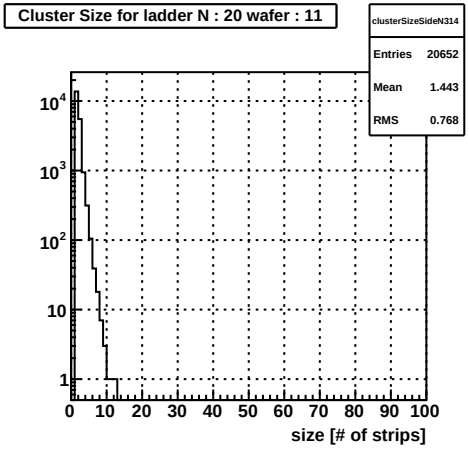

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 31567
Mean 1.376
RMS 0.7051
size [# of strips]

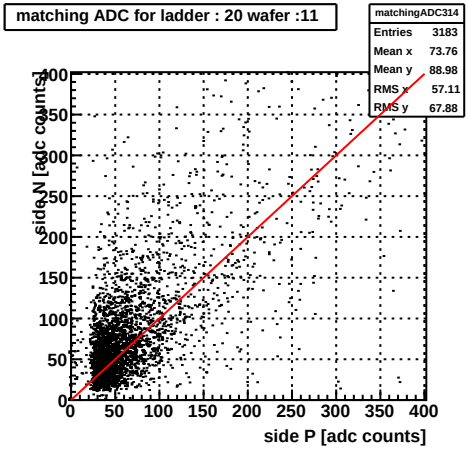

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4568
Mean x 53.67
Mean y 79.61
RMS x 45.02
RMS y 63.54
side N [adc counts]
side P [adc counts]

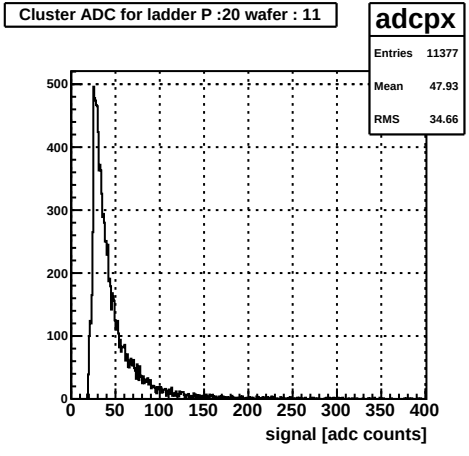

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 24695
Mean 33.8
RMS 26.84
signal [adc counts]

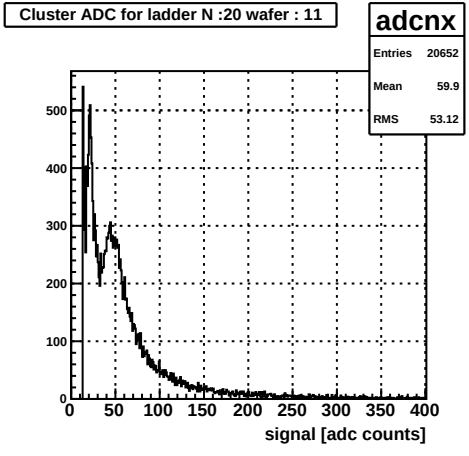

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 31567
Mean 53.51
RMS 52.3
signal [adc counts]

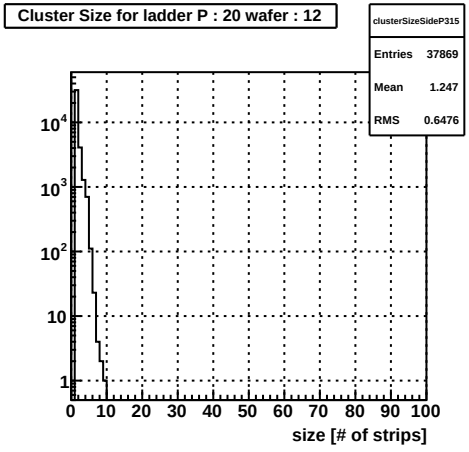

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 11377
Mean 1.137
RMS 0.4035
size [# of strips]

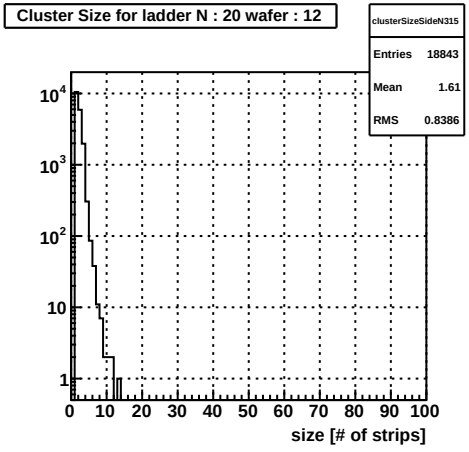

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 20652
Mean 1.443
RMS 0.768
size [# of strips]

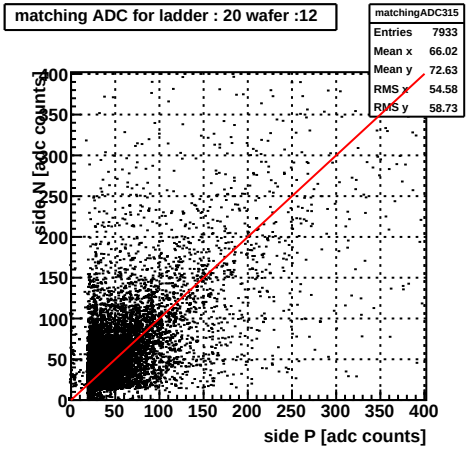

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 3183
Mean x 73.76
Mean y 88.98
RMS x 57.11
RMS y 67.88
side N [adc counts]
side P [adc counts]

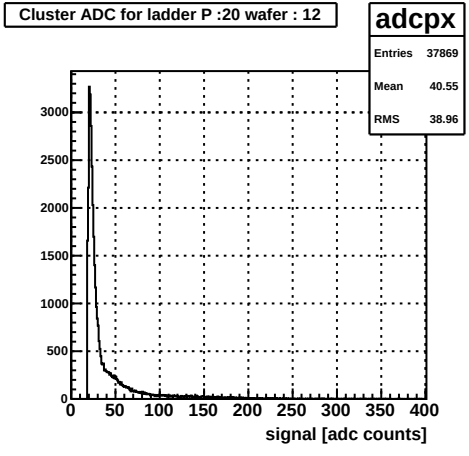

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 11377
Mean 47.93
RMS 34.66
signal [adc counts]

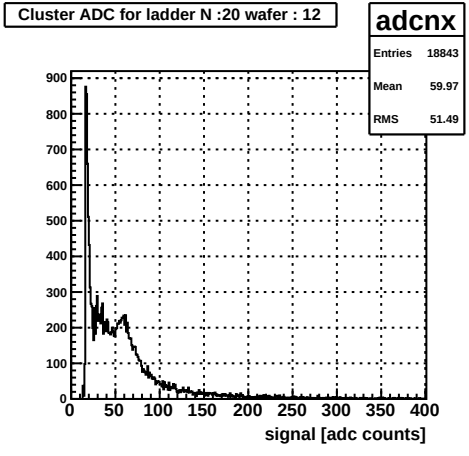

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 20652
Mean 59.9
RMS 53.12
signal [adc counts]

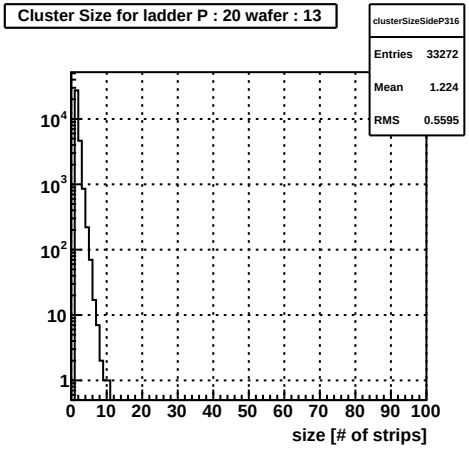

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 37869
Mean 1.247
RMS 0.6476
size [# of strips]

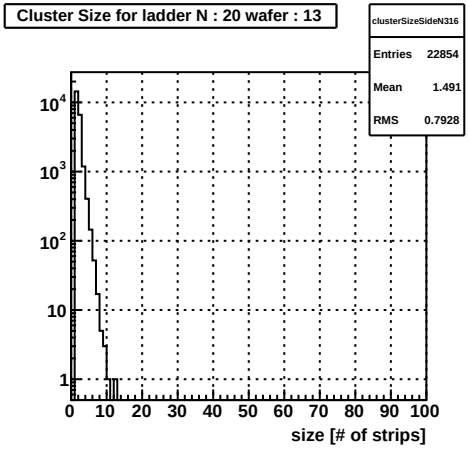

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 18843
Mean 1.61
RMS 0.8386
size [# of strips]

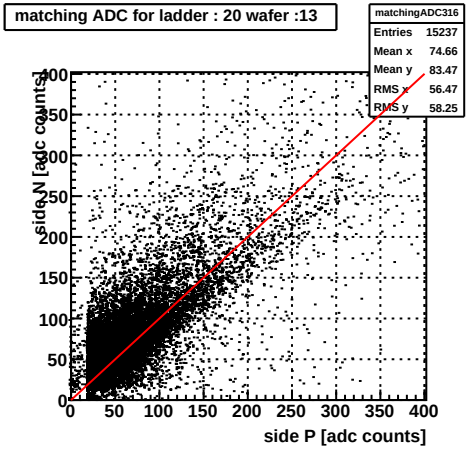

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 7933
Mean x 66.02
Mean y 72.63
RMS x 54.58
RMS y 58.73
side N [adc counts]
side P [adc counts]

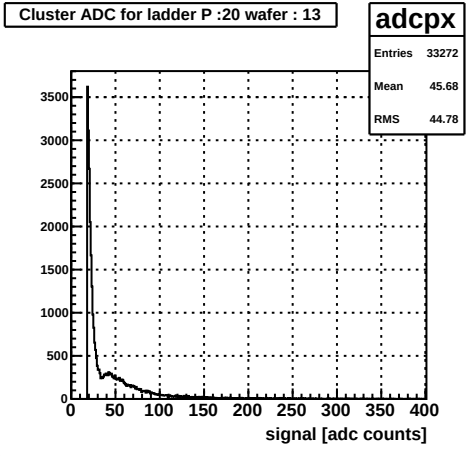

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 37869
Mean 40.55
RMS 38.96
signal [adc counts]

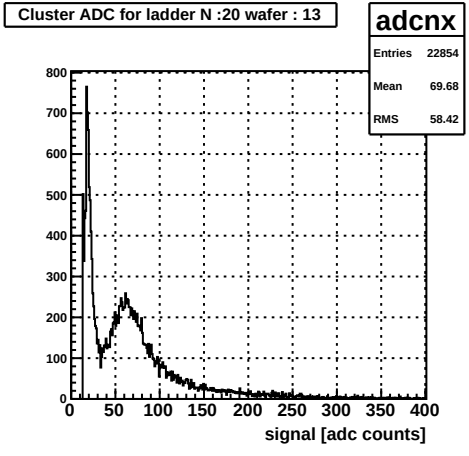

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 18843
Mean 59.97
RMS 51.49
signal [adc counts]

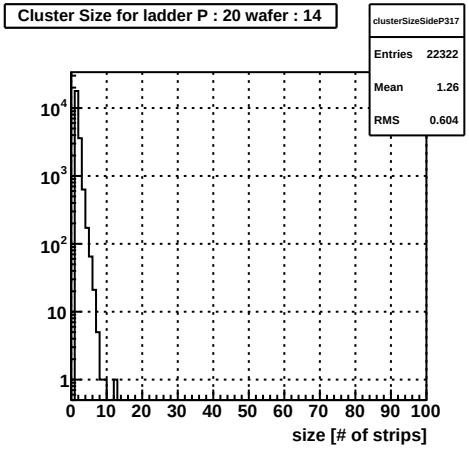

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 33272
Mean 1.224
RMS 0.5595
size [# of strips]

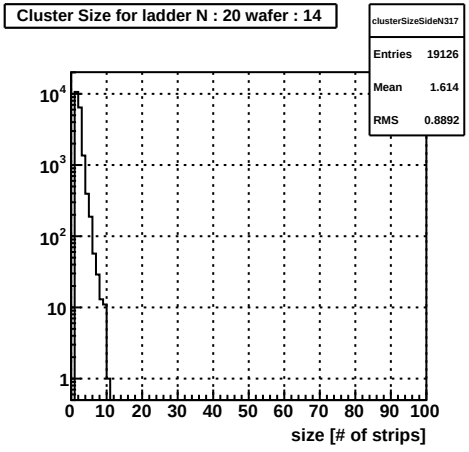

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 22854
Mean 1.491
RMS 0.7928
size [# of strips]

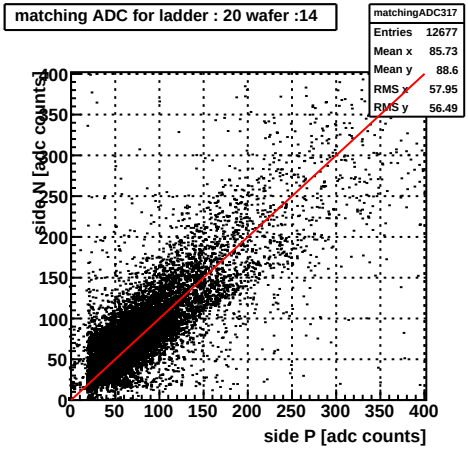

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 15237
Mean x 74.66
Mean y 83.47
RMS x 56.47
RMS y 58.25
side N [adc counts]
side P [adc counts]

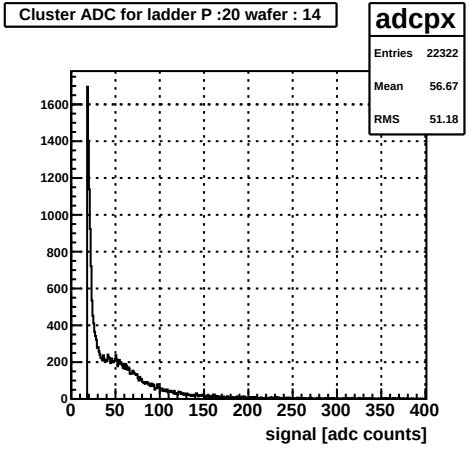

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 33272
Mean 45.68
RMS 44.78
signal [adc counts]

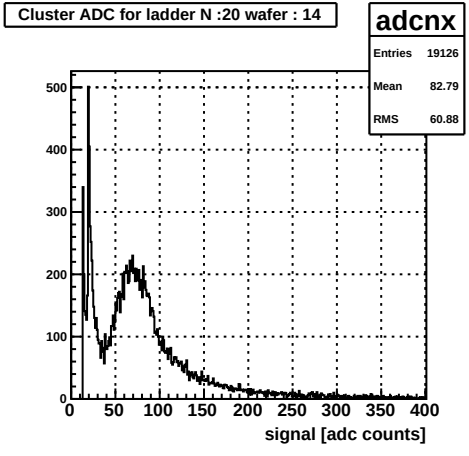

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 22854
Mean 69.68
RMS 58.42
signal [adc counts]

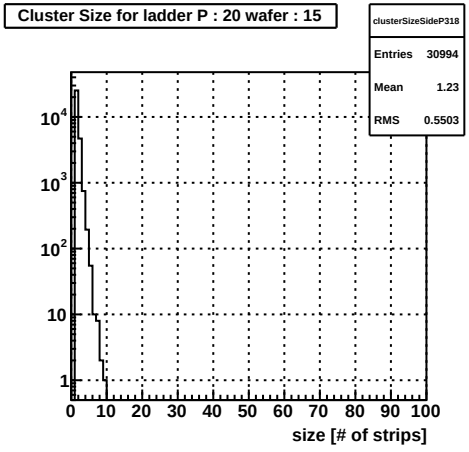

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 22322
Mean 1.26
RMS 0.604
size [# of strips]

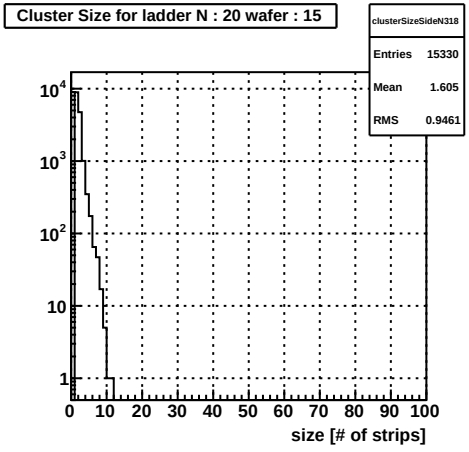

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 19126
Mean 1.614
RMS 0.8892
size [# of strips]

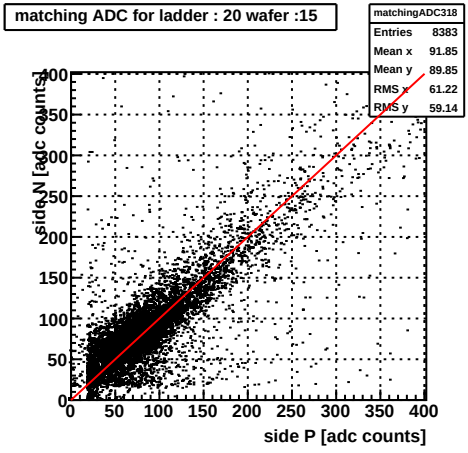

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 12677
Mean x 85.73
Mean y 88.6
RMS x 57.95
RMS y 56.49
side N [adc counts]
side P [adc counts]

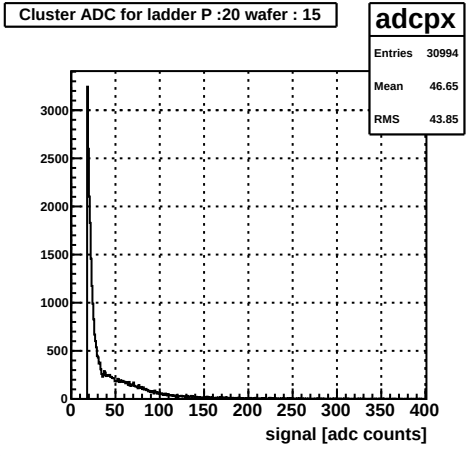

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 22322
Mean 56.67
RMS 51.18
signal [adc counts]

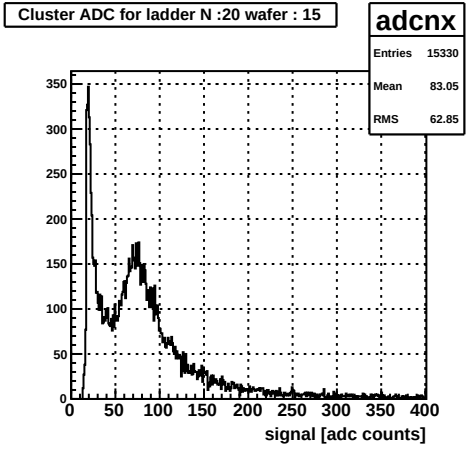

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 19126
Mean 82.79
RMS 60.88
signal [adc counts]

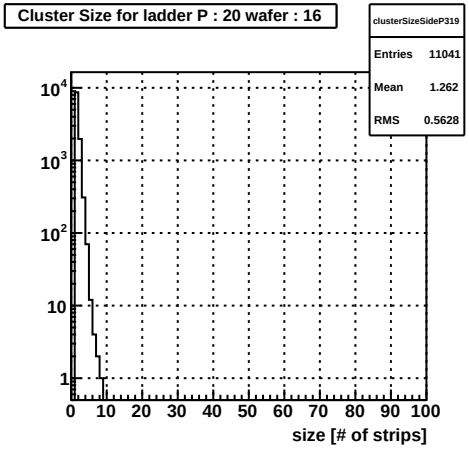

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 30994
Mean 1.23
RMS 0.5503
size [# of strips]

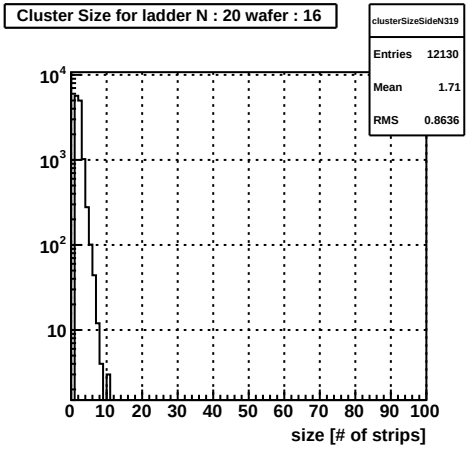

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 15330
Mean 1.605
RMS 0.9461
size [# of strips]

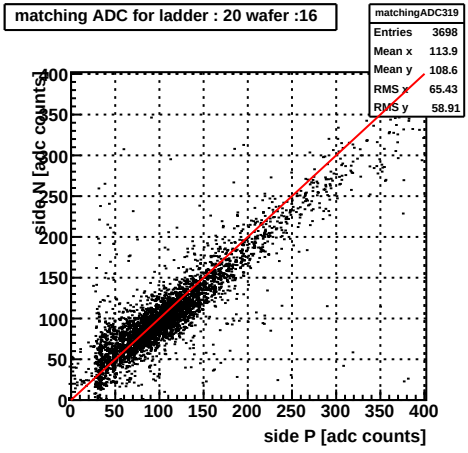

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 8383
Mean x 91.85
Mean y 89.85
RMS x 61.22
RMS y 59.14
side N [adc counts]
side P [adc counts]

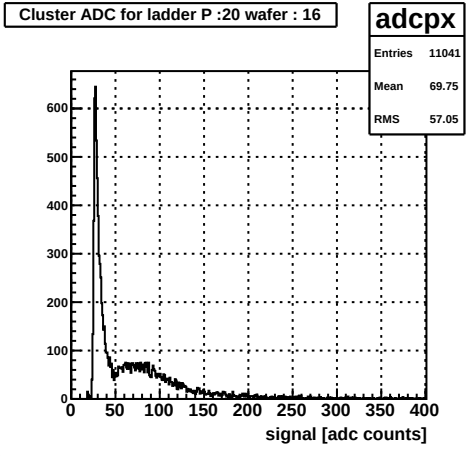

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 30994
Mean 46.65
RMS 43.85
signal [adc counts]

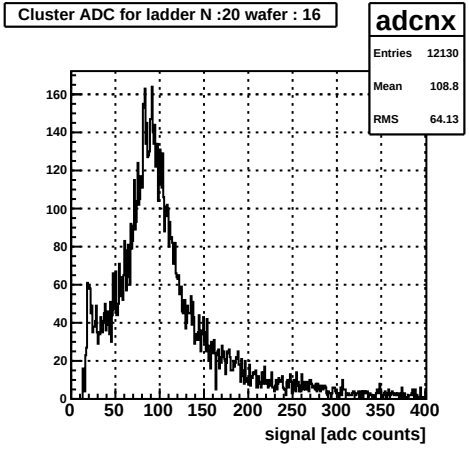

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 15330
Mean 83.05
RMS 62.85
signal [adc counts]

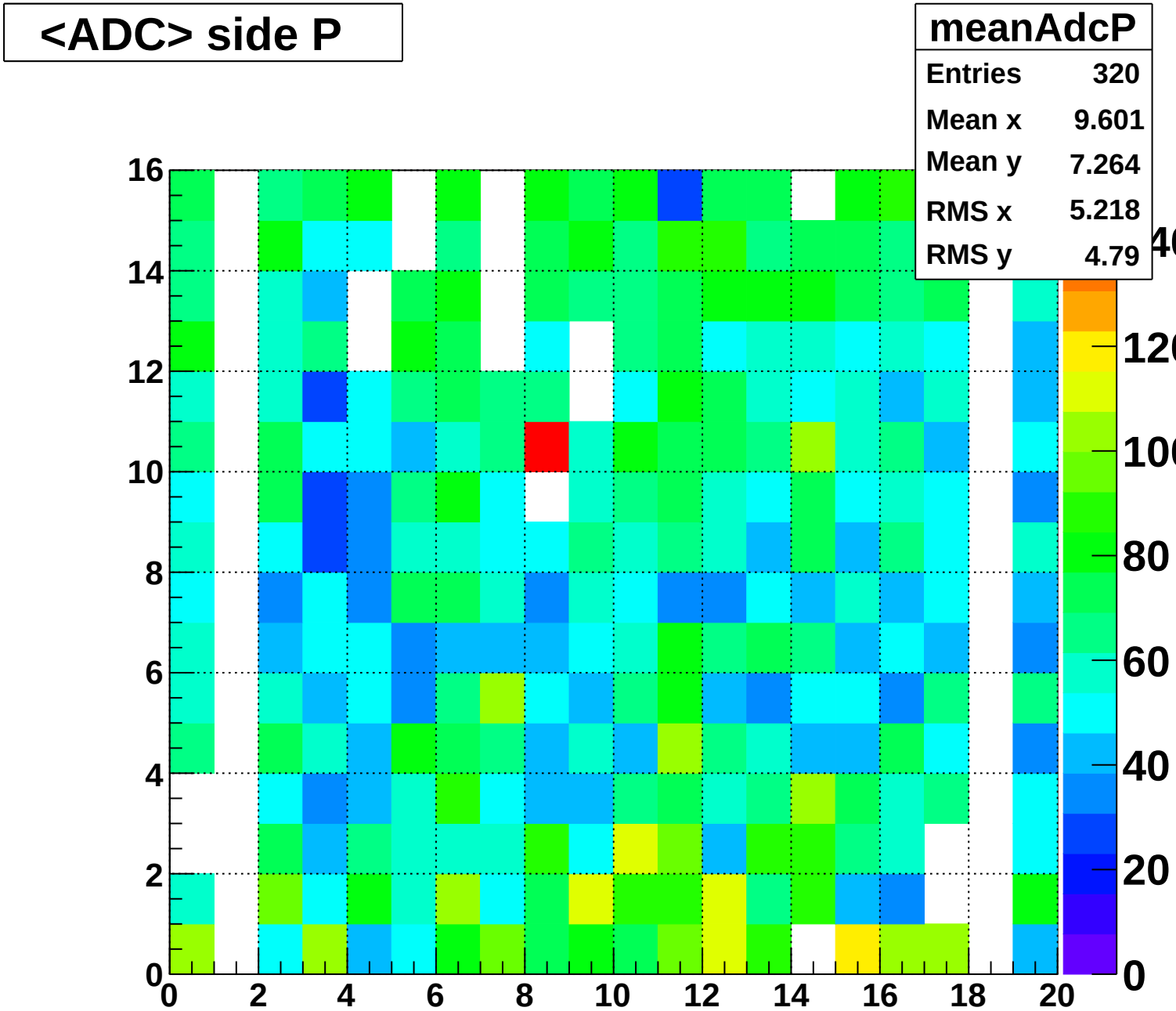

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 11041
Mean 1.262
RMS 0.5628
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 12130
Mean 1.71
RMS 0.8636
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3698
Mean x 113.9
Mean y 108.6
RMS x 65.43
RMS y 58.91
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 11041
Mean 69.75
RMS 57.05
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 12130
Mean 108.8
RMS 64.13
signal [adc counts]



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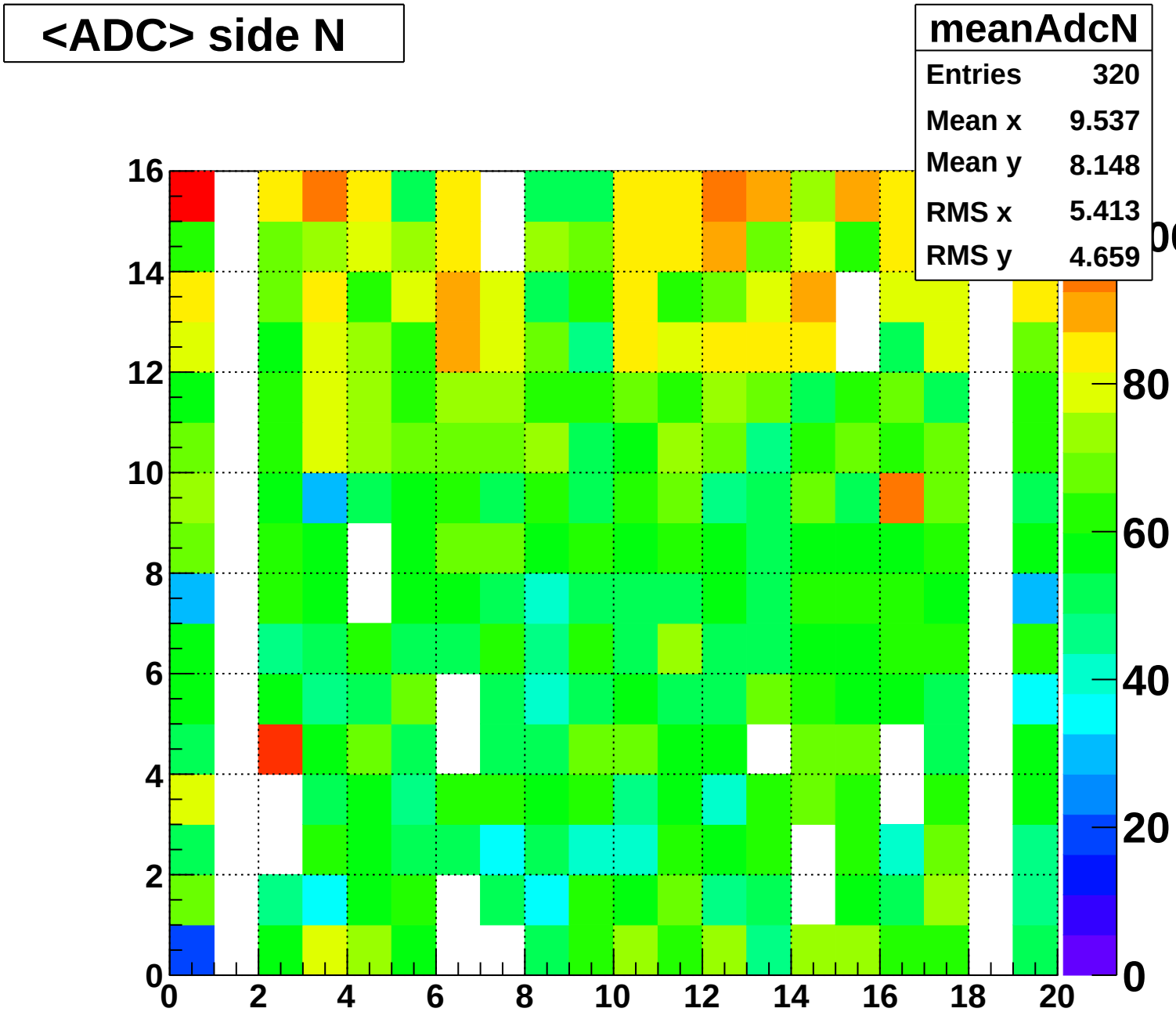

2016-06-25 19:00:49