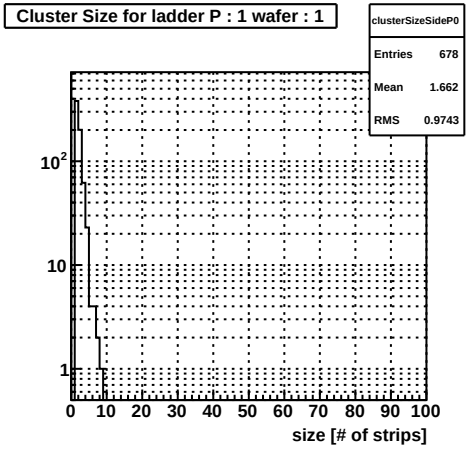
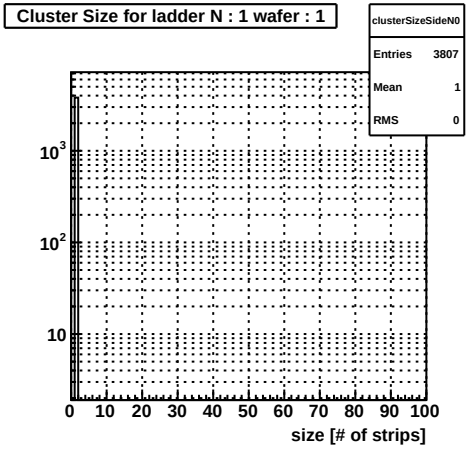
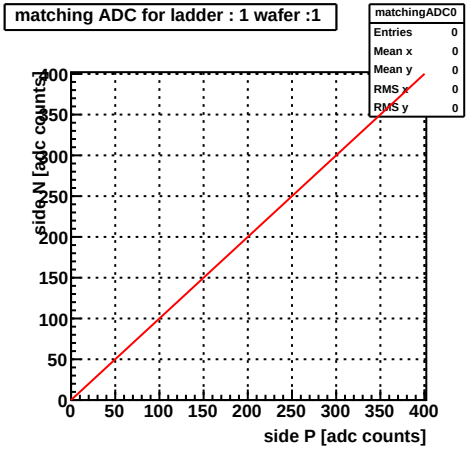
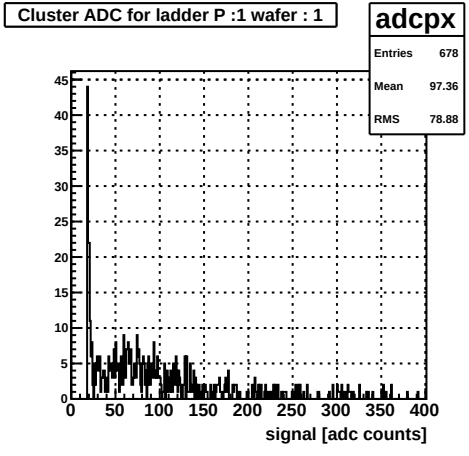
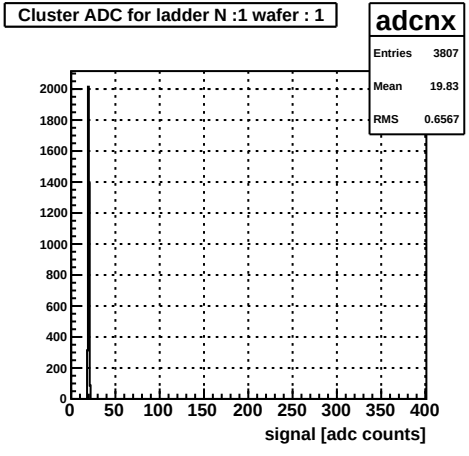
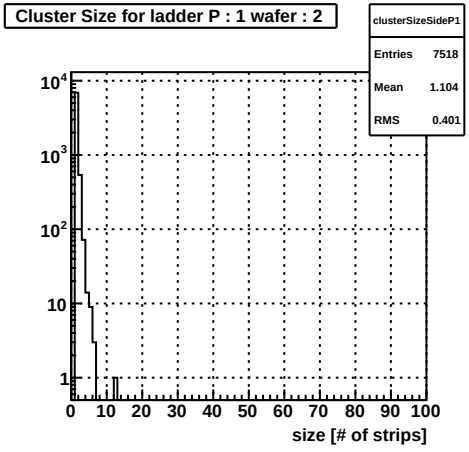

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 678
Mean 1.662
RMS 0.9743
size [# of strips]

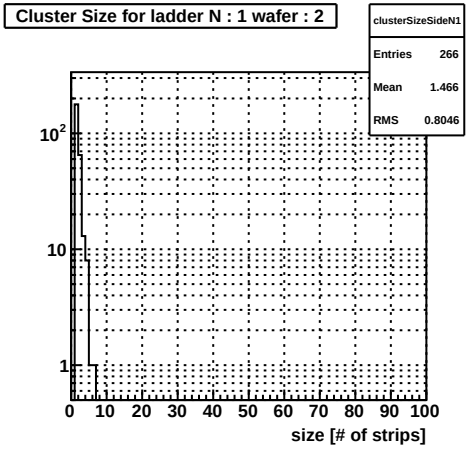

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3807
Mean 1
RMS 0
size [# of strips]

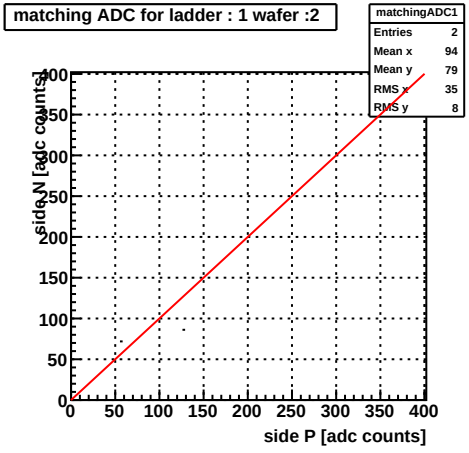

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

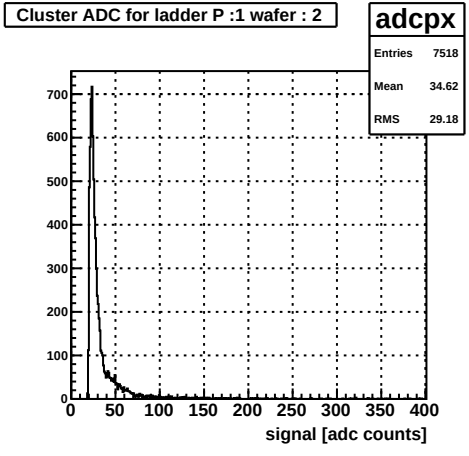

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 678
Mean 97.36
RMS 78.88
signal [adc counts]

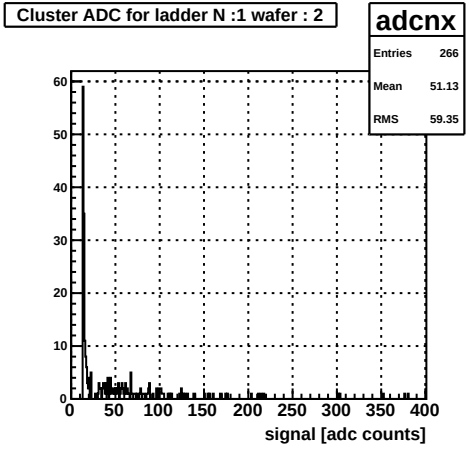

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3807
Mean 19.83
RMS 0.6567
signal [adc counts]

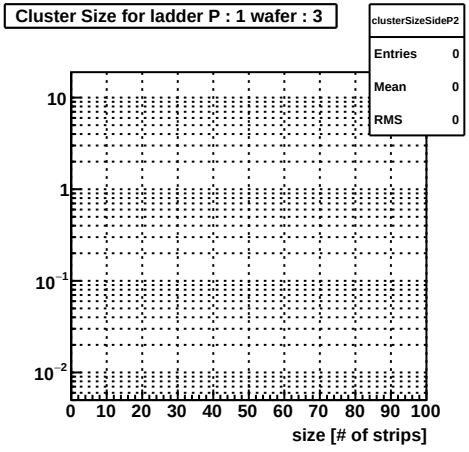

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 7518
Mean 1.104
RMS 0.401
size [# of strips]

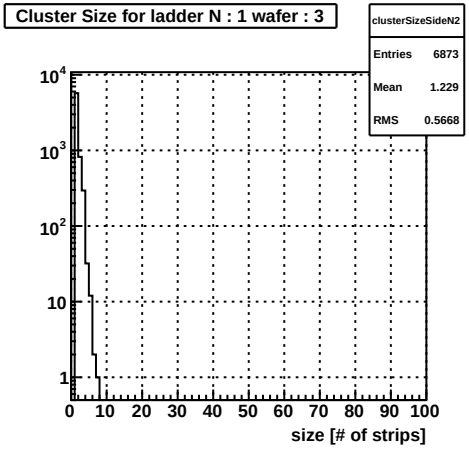

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 266
Mean 1.466
RMS 0.8046
size [# of strips]

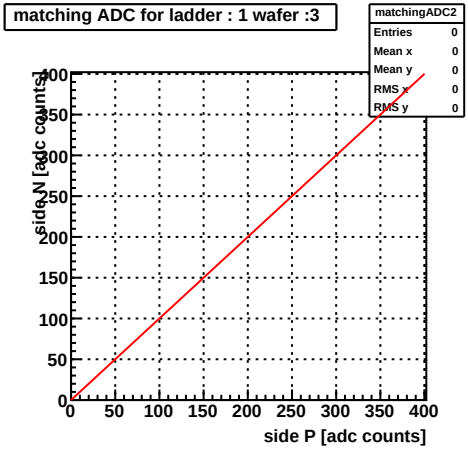

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 94
Mean y 79
RMS x 35
RMS y 8
side N [adc counts]
side P [adc counts]

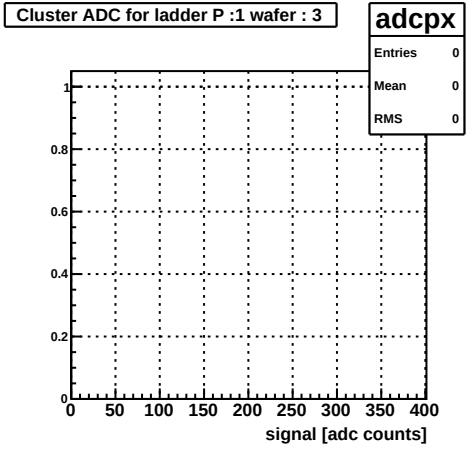

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 7518
Mean 34.62
RMS 29.18
signal [adc counts]

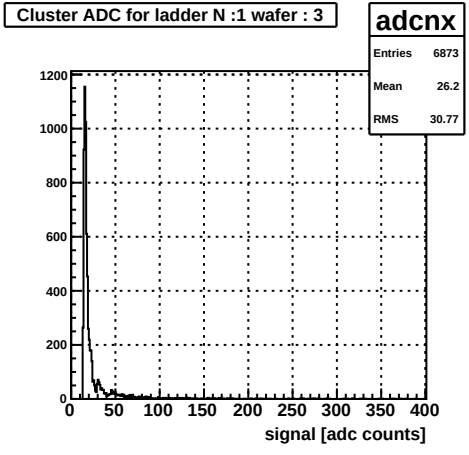

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 266
Mean 51.13
RMS 59.35
signal [adc counts]

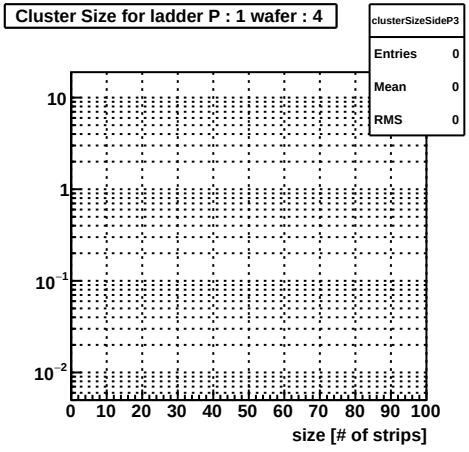

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

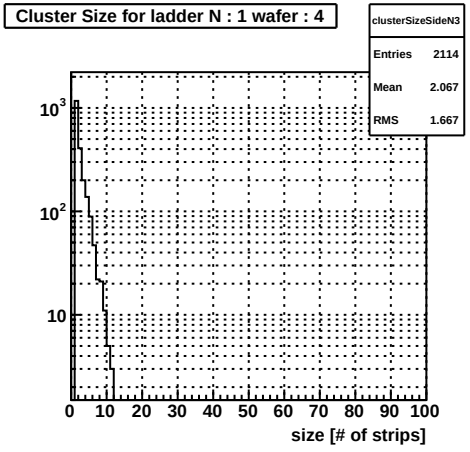

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6873
Mean 1.229
RMS 0.5668
size [# of strips]

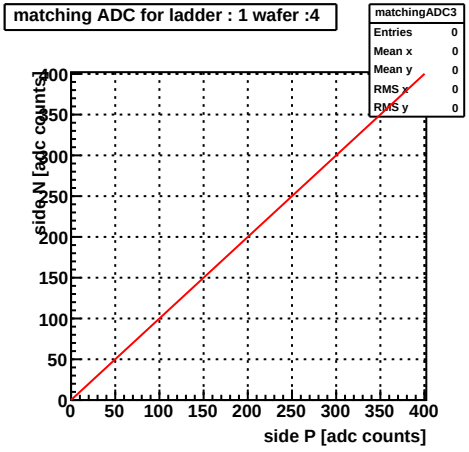

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

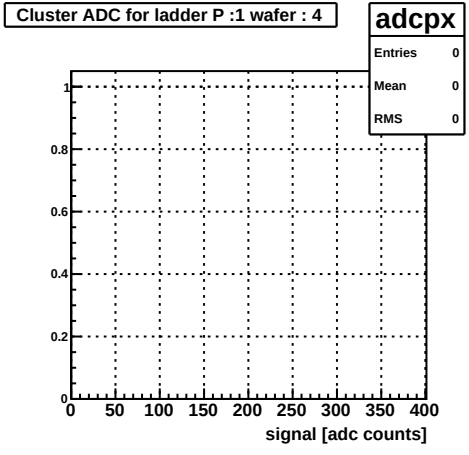

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

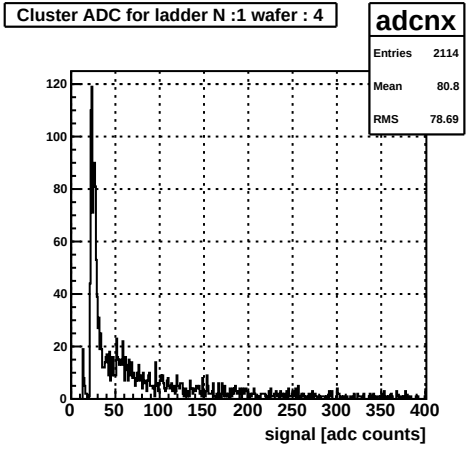

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6873
Mean 26.2
RMS 30.77
signal [adc counts]

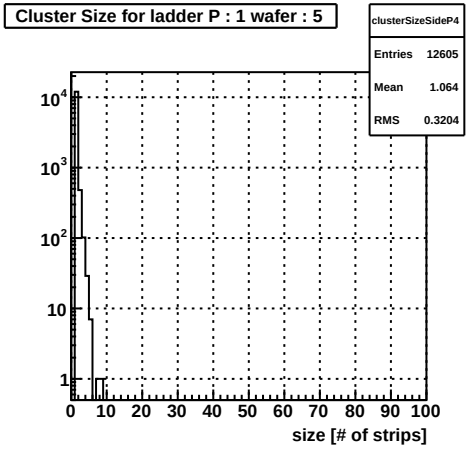

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

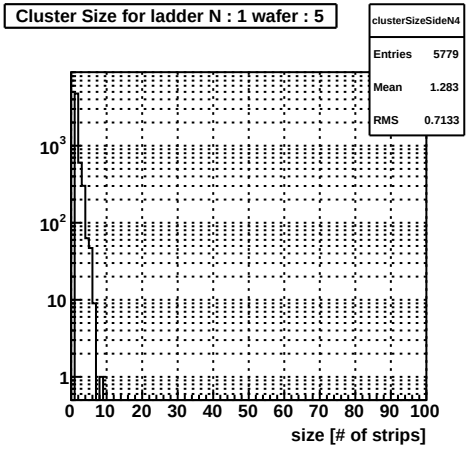

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2114
Mean 2.067
RMS 1.667
size [# of strips]

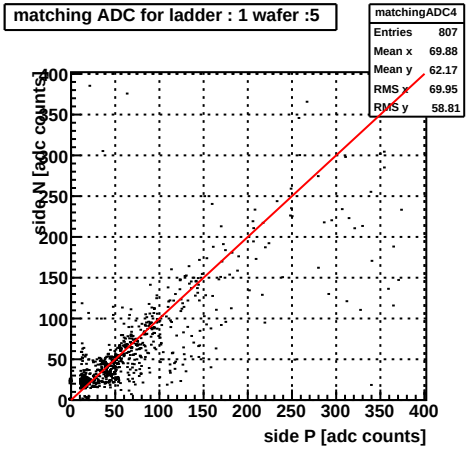

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

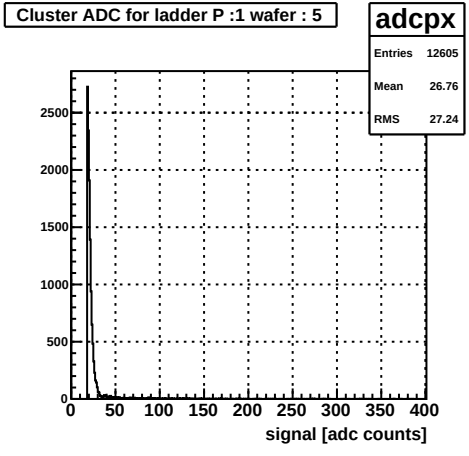

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

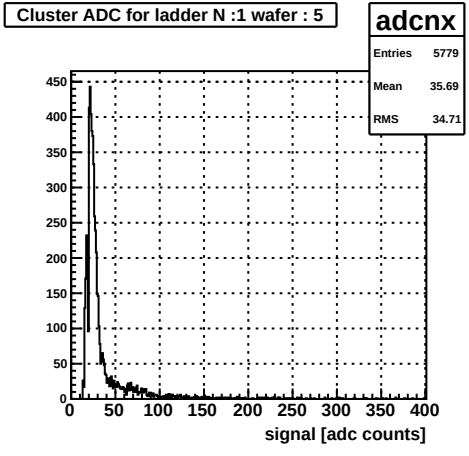

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2114
Mean 80.8
RMS 78.69
signal [adc counts]

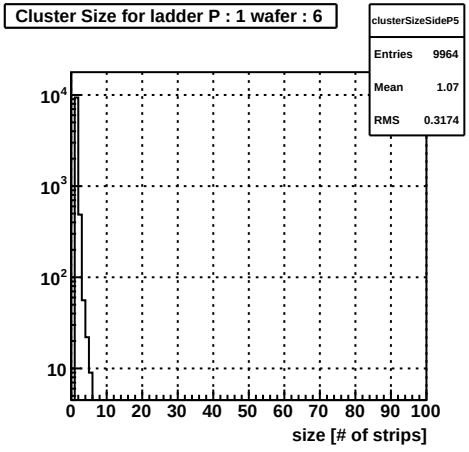

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 12605
Mean 1.064
RMS 0.3204
size [# of strips]

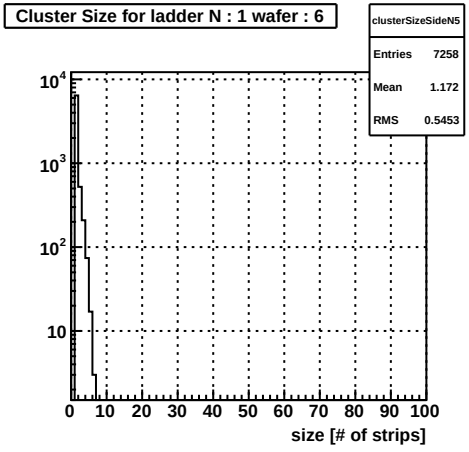

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5779
Mean 1.283
RMS 0.7133
size [# of strips]

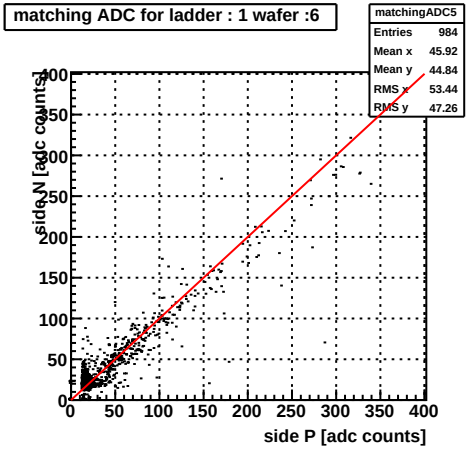

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 807
Mean x 69.88
Mean y 62.17
RMS x 69.95
RMS y 58.81
side N [adc counts]
side P [adc counts]

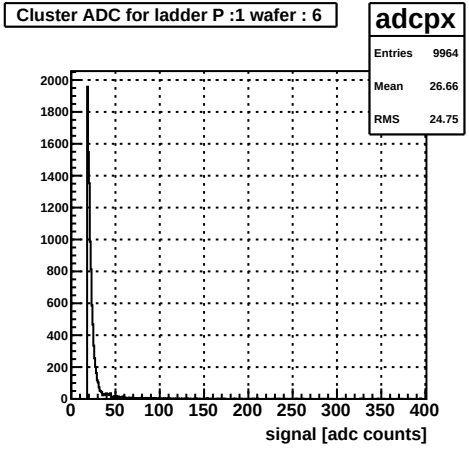

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 12605
Mean 26.76
RMS 27.24
signal [adc counts]

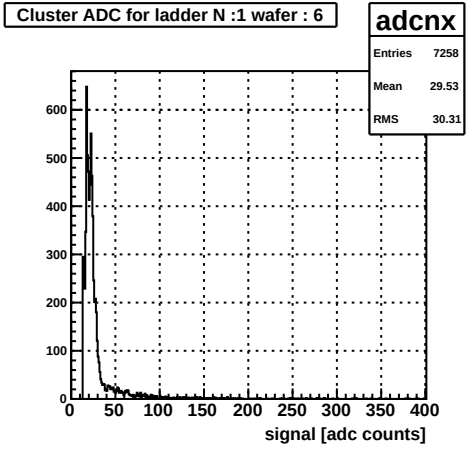

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5779
Mean 35.69
RMS 34.71
signal [adc counts]

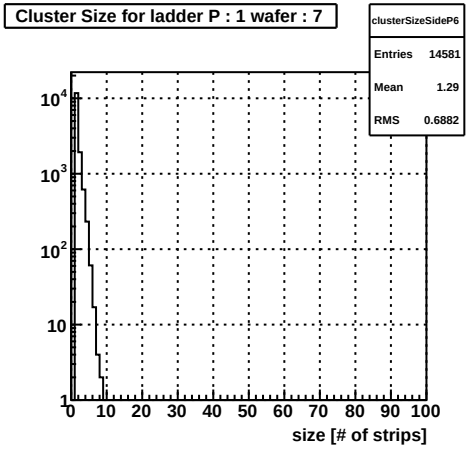

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9964
Mean 1.07
RMS 0.3174
size [# of strips]

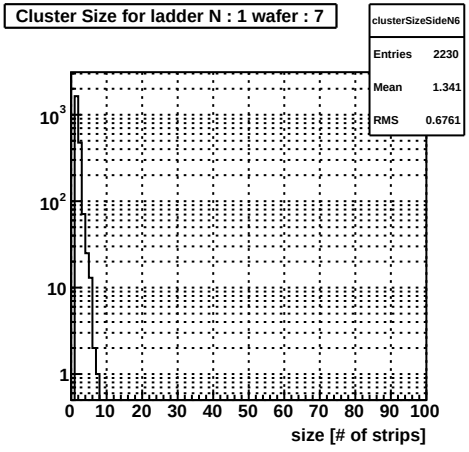

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 7258
Mean 1.172
RMS 0.5453
size [# of strips]

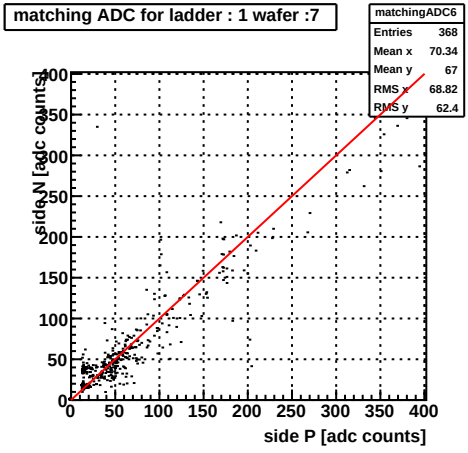

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 984
Mean x 45.92
Mean y 44.84
RMS x 53.44
RMS y 47.26
side N [adc counts]
side P [adc counts]

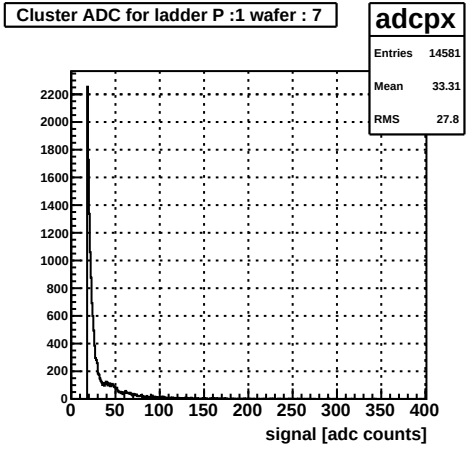

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9964
Mean 26.66
RMS 24.75
signal [adc counts]

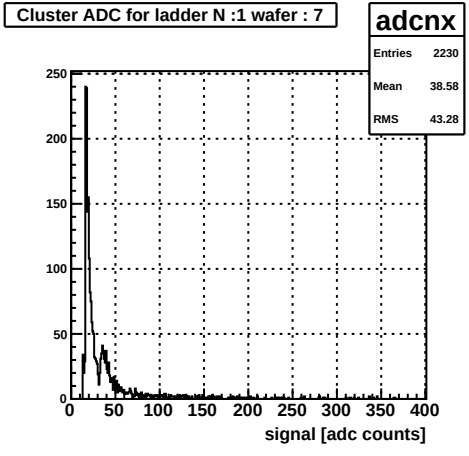

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 7258
Mean 29.53
RMS 30.31
signal [adc counts]

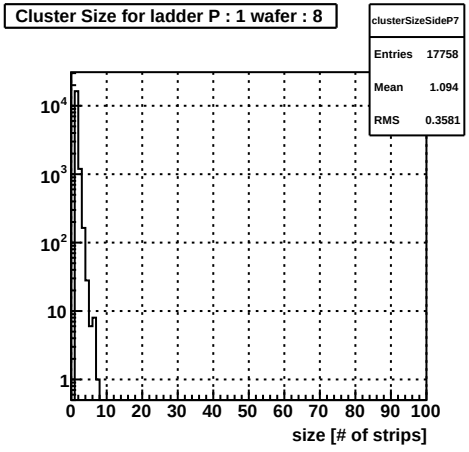

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 14581
Mean 1.29
RMS 0.6882
size [# of strips]

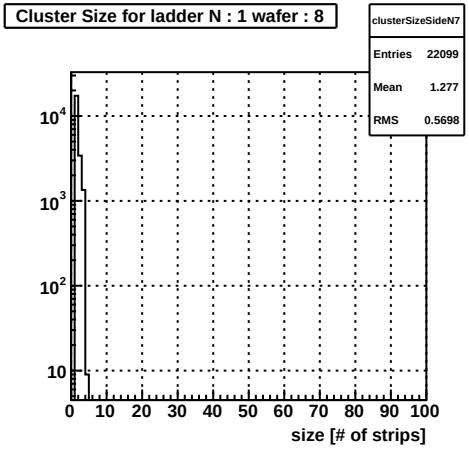

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2230
Mean 1.341
RMS 0.6761
size [# of strips]

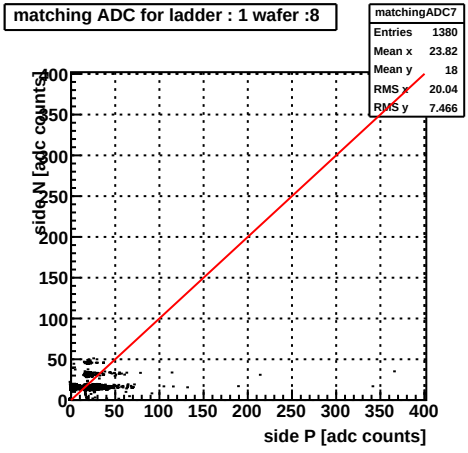

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 368
Mean x 70.34
Mean y 67
RMS x 68.82
RMS y 62.4
side N [adc counts]
side P [adc counts]

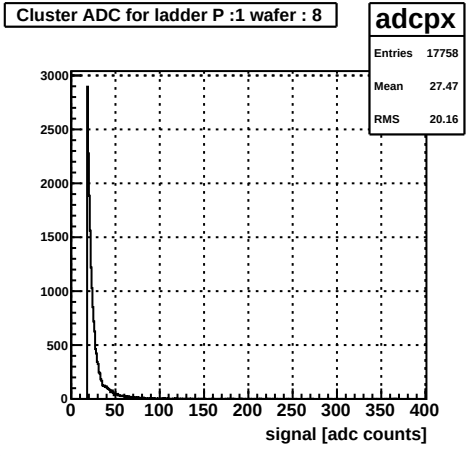

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 14581
Mean 33.31
RMS 27.8
signal [adc counts]

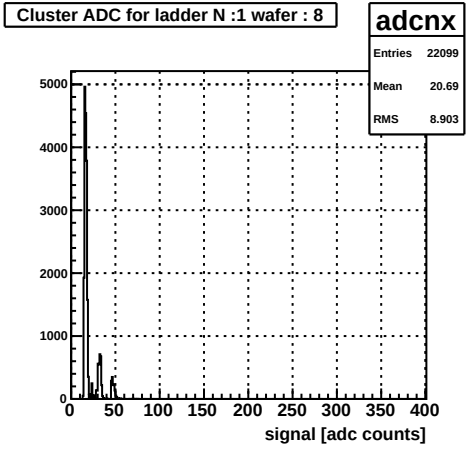

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2230
Mean 38.58
RMS 43.28
signal [adc counts]

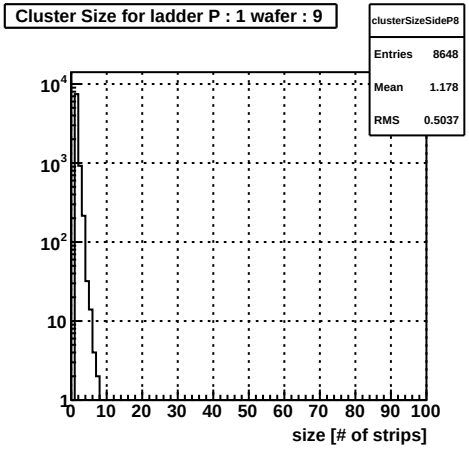

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17758
Mean 1.094
RMS 0.3581
size [# of strips]

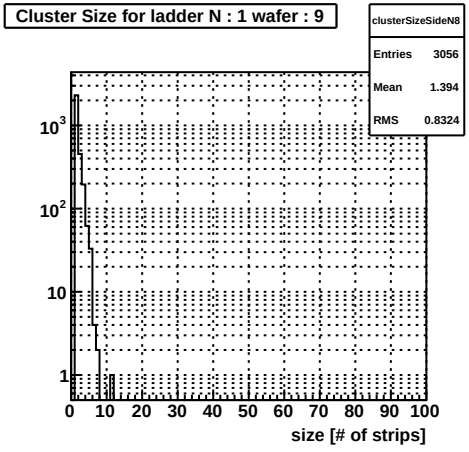

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 22099
Mean 1.277
RMS 0.5698
size [# of strips]

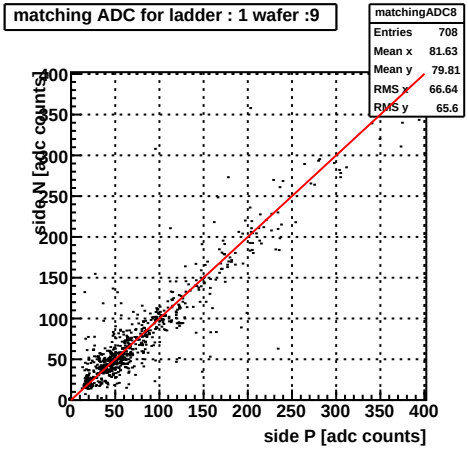

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 1380
Mean x 23.82
Mean y 18
RMS x 20.04
RMS y 7.466
side N [adc counts]
side P [adc counts]

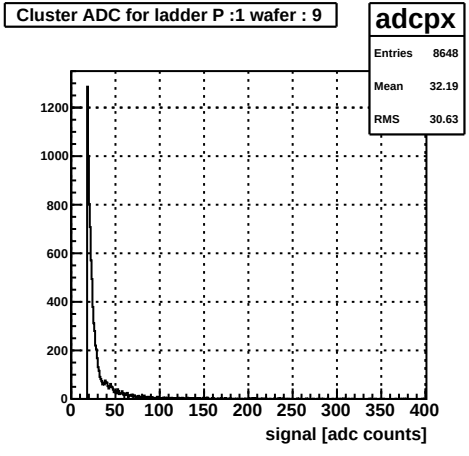

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17758
Mean 27.47
RMS 20.16
signal [adc counts]

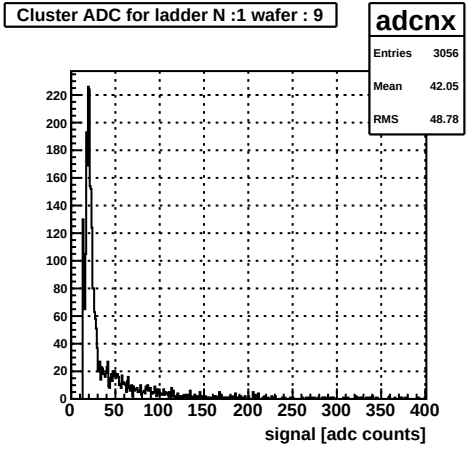

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 22099
Mean 20.69
RMS 8.903
signal [adc counts]

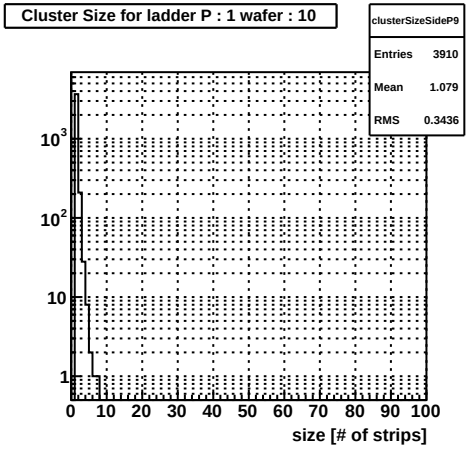

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 8648
Mean 1.178
RMS 0.5037
size [# of strips]

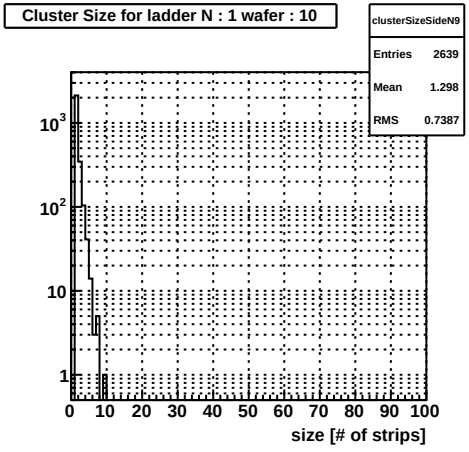

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3056
Mean 1.394
RMS 0.8324
size [# of strips]

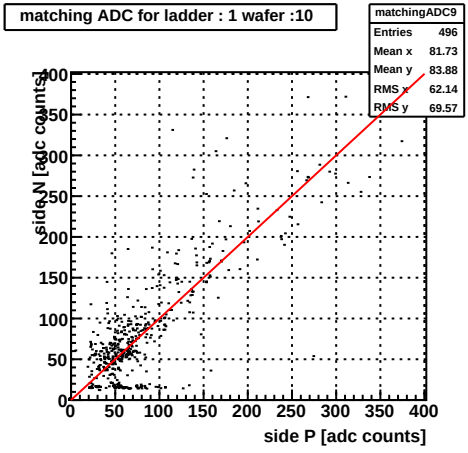

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 708
Mean x 81.63
Mean y 79.81
RMS x 66.64
RMS y 65.6
side N [adc counts]
side P [adc counts]

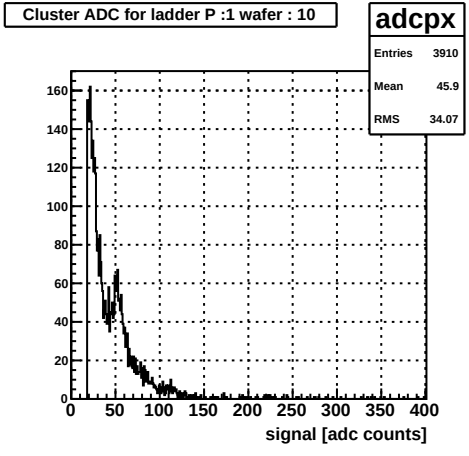

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 8648
Mean 32.19
RMS 30.63
signal [adc counts]

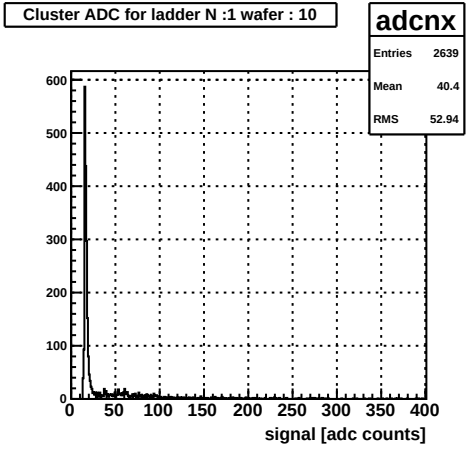

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3056
Mean 42.05
RMS 48.78
signal [adc counts]

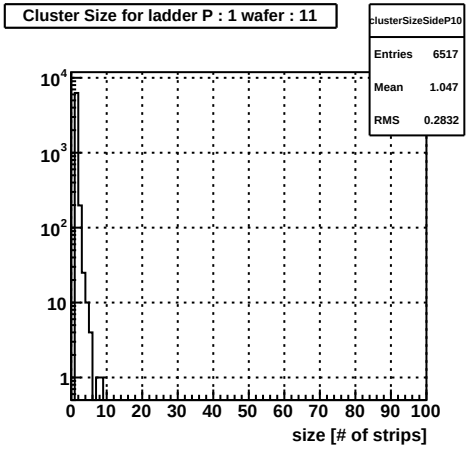

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3910
Mean 1.079
RMS 0.3436
size [# of strips]

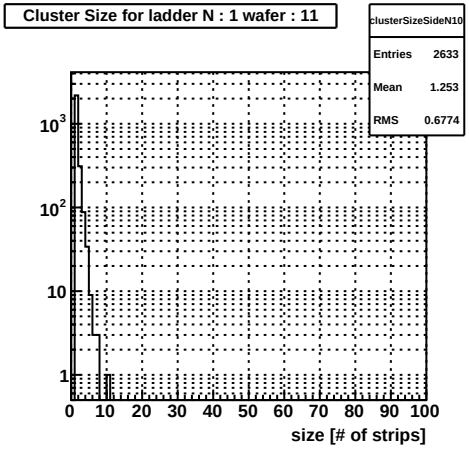

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2639
Mean 1.298
RMS 0.7387
size [# of strips]

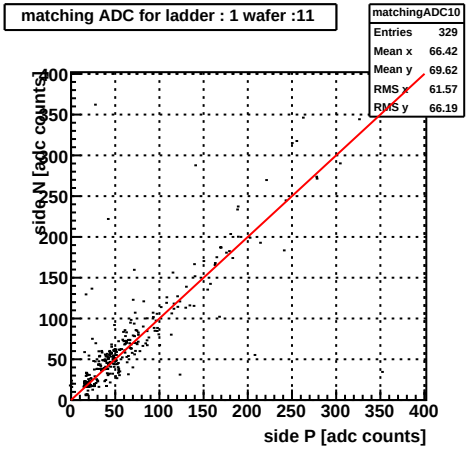

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 496
Mean x 81.73
Mean y 83.88
RMS x 62.14
RMS y 69.57
side N [adc counts]
side P [adc counts]

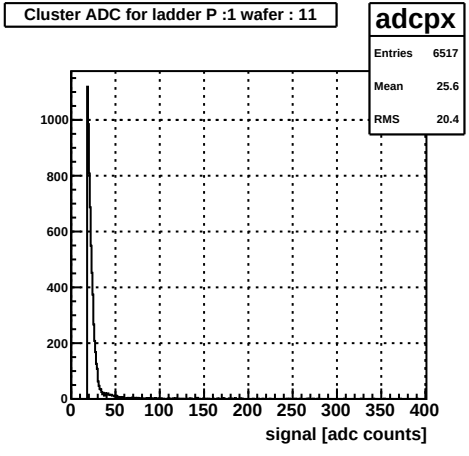

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3910
Mean 45.9
RMS 34.07
signal [adc counts]

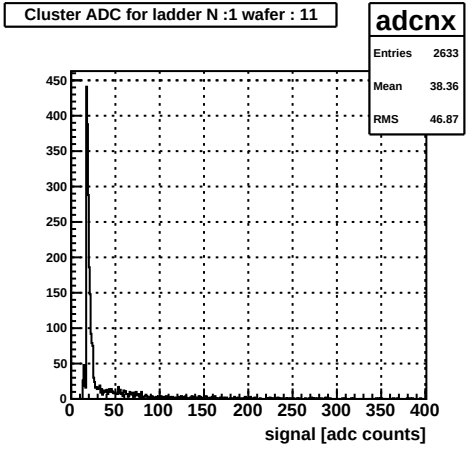

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2639
Mean 40.4
RMS 52.94
signal [adc counts]

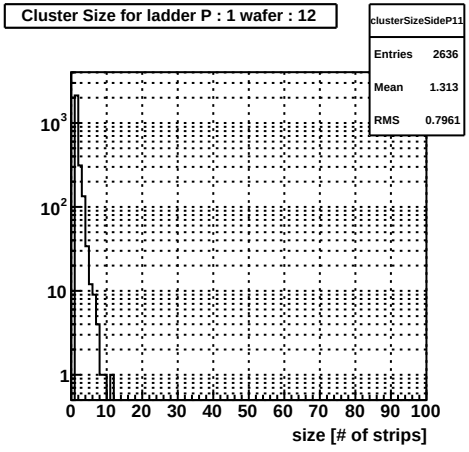

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6517
Mean 1.047
RMS 0.2832
size [# of strips]

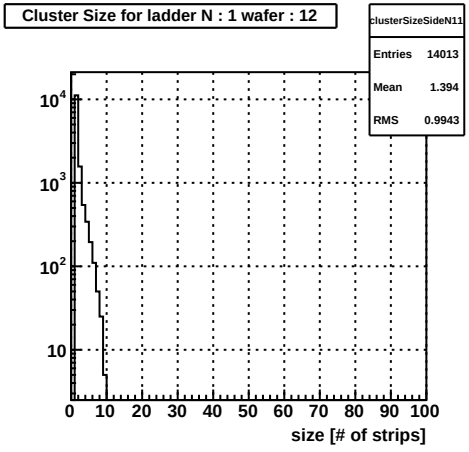

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2633
Mean 1.253
RMS 0.6774
size [# of strips]

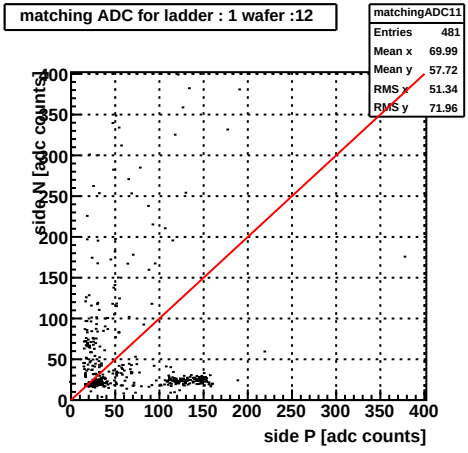

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 329
Mean x 66.42
Mean y 69.62
RMS x 61.57
RMS y 66.19
side N [adc counts]
side P [adc counts]

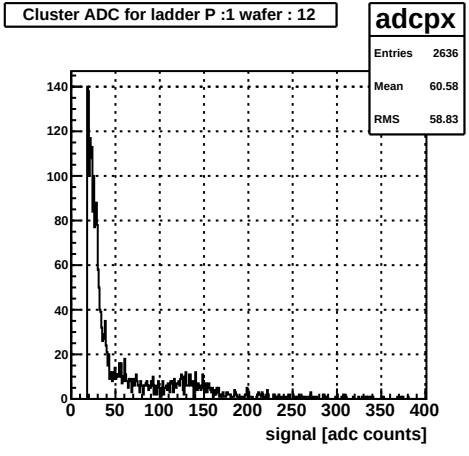

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6517
Mean 25.6
RMS 20.4
signal [adc counts]

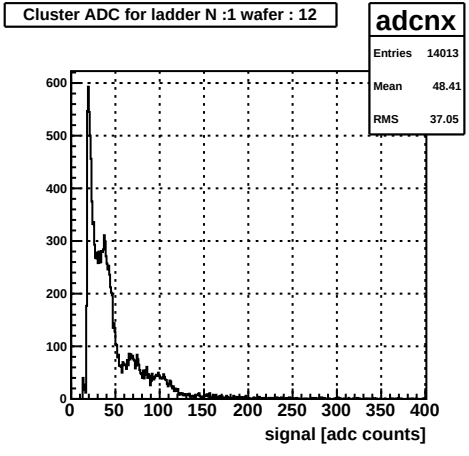

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2633
Mean 38.36
RMS 46.87
signal [adc counts]

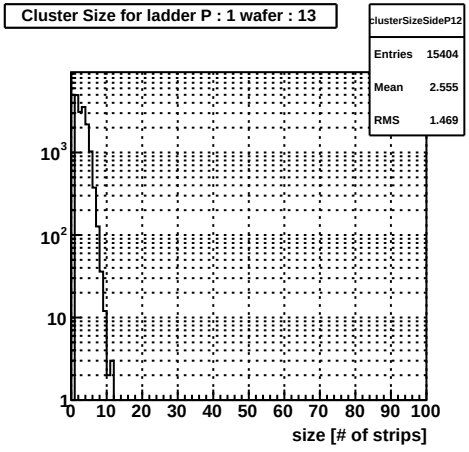

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2636
Mean 1.313
RMS 0.7961
size [# of strips]

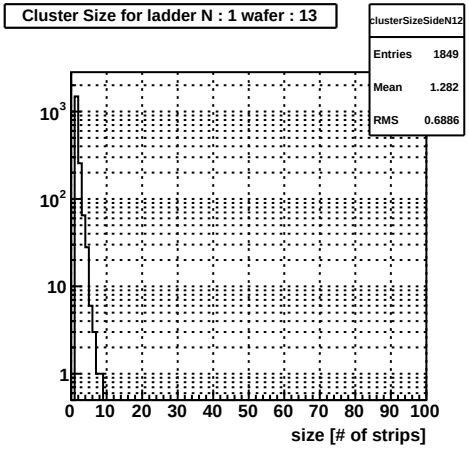

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 14013
Mean 1.394
RMS 0.9943
size [# of strips]

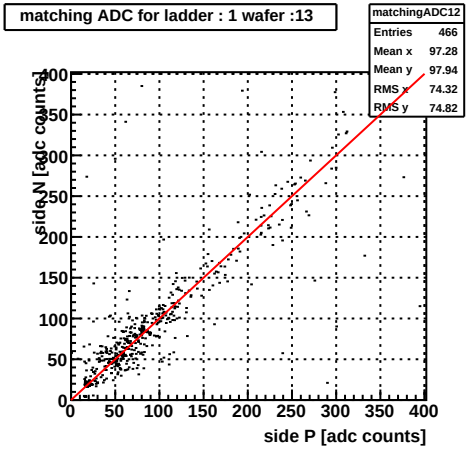

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 481
Mean x 69.99
Mean y 57.72
RMS x 51.34
RMS y 71.96
side N [adc counts]
side P [adc counts]

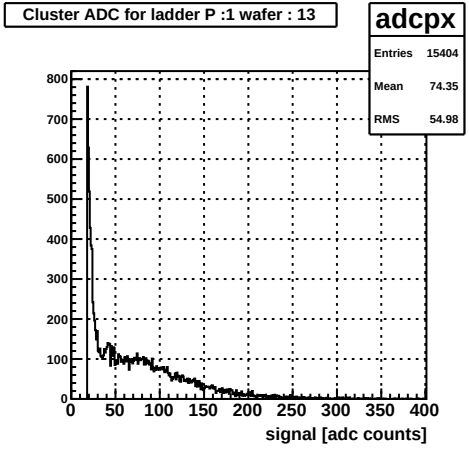

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2636
Mean 60.58
RMS 58.83
signal [adc counts]

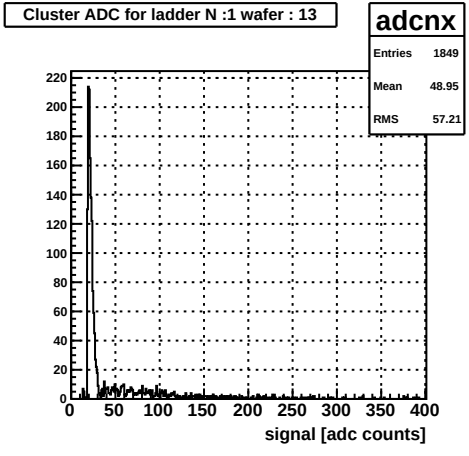

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 14013
Mean 48.41
RMS 37.05
signal [adc counts]

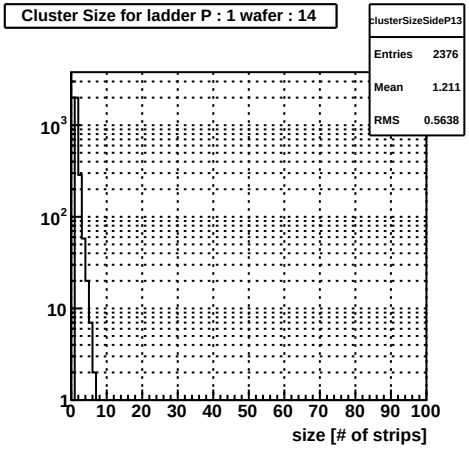

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 15404
Mean 2.555
RMS 1.469
size [# of strips]

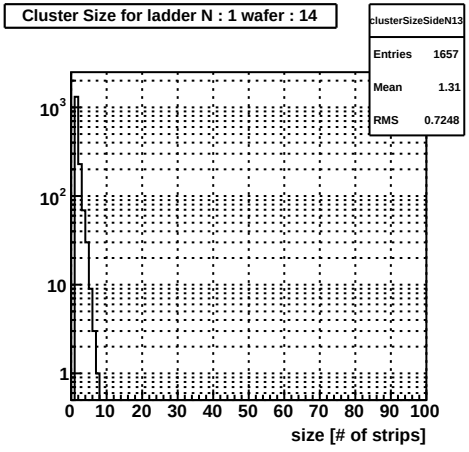

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1849
Mean 1.282
RMS 0.6886
size [# of strips]

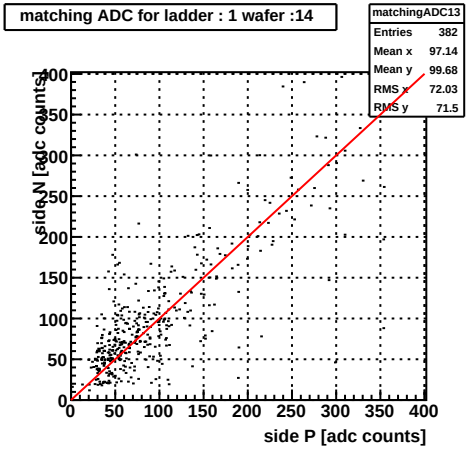

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 466
Mean x 97.28
Mean y 97.94
RMS x 74.32
RMS y 74.82
side N [adc counts]
side P [adc counts]

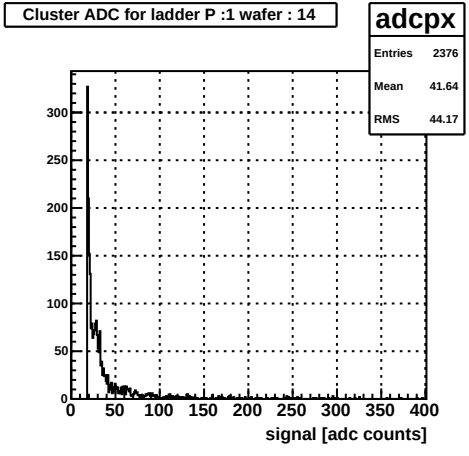

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 15404
Mean 74.35
RMS 54.98
signal [adc counts]

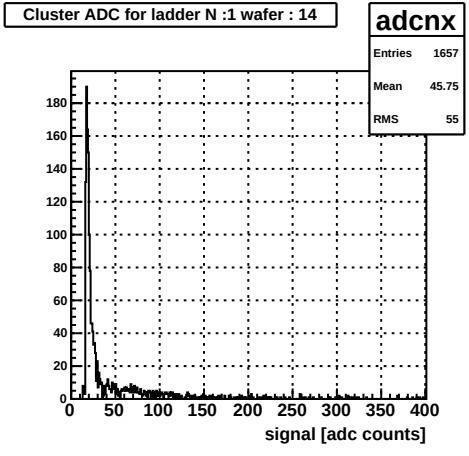

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1849
Mean 48.95
RMS 57.21
signal [adc counts]

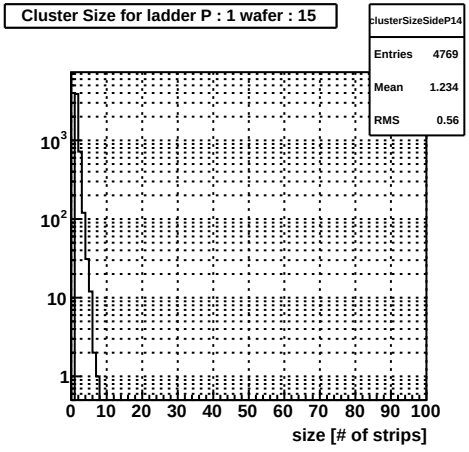

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2376
Mean 1.211
RMS 0.5638
size [# of strips]

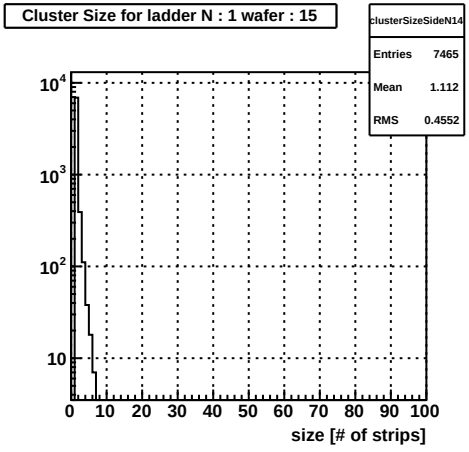

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1657
Mean 1.31
RMS 0.7248
size [# of strips]

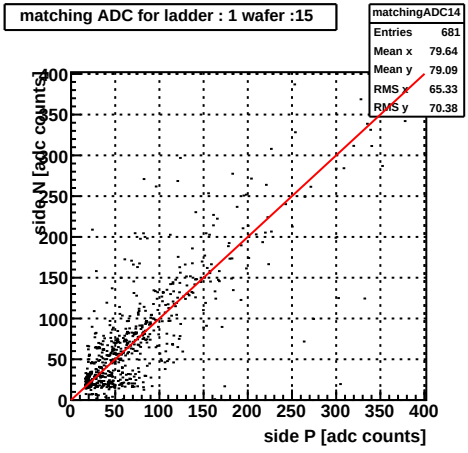

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 382
Mean x 97.14
Mean y 99.68
RMS x 72.03
RMS y 71.5
side N [adc counts]
side P [adc counts]

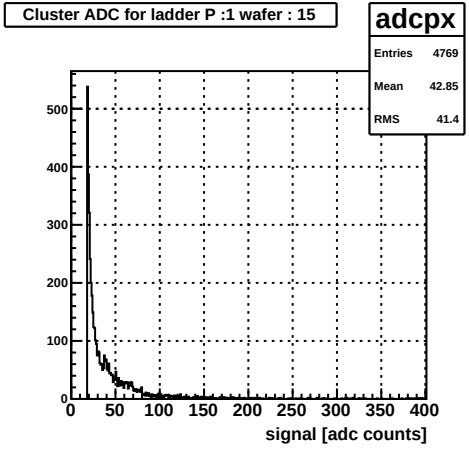

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2376
Mean 41.64
RMS 44.17
signal [adc counts]

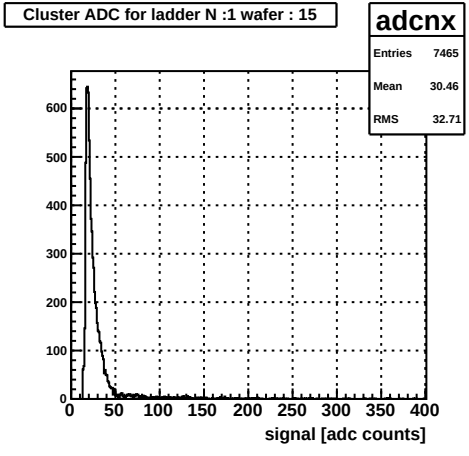

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1657
Mean 45.75
RMS 55
signal [adc counts]

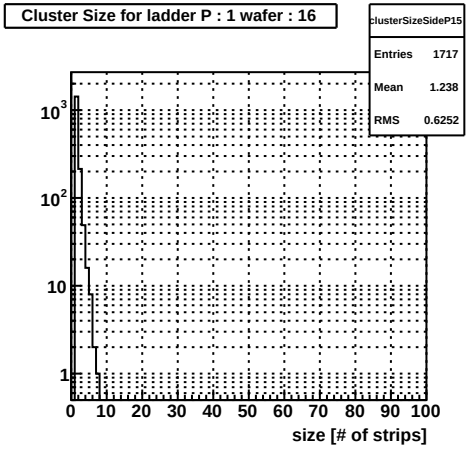

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4769
Mean 1.234
RMS 0.56
size [# of strips]

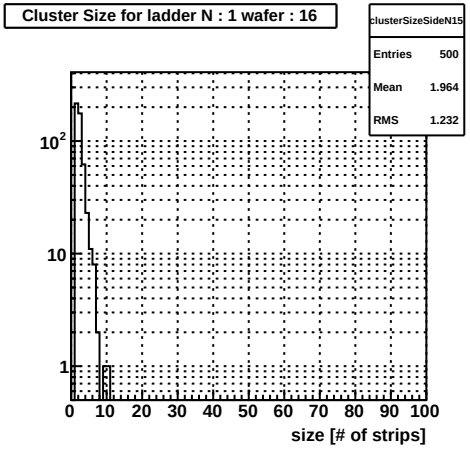

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7465
Mean 1.112
RMS 0.4552
size [# of strips]

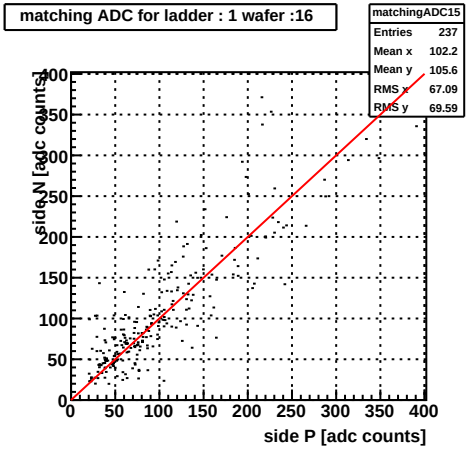

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 681
Mean x 79.64
Mean y 79.09
RMS x 65.33
RMS y 70.38
side N [adc counts]
side P [adc counts]

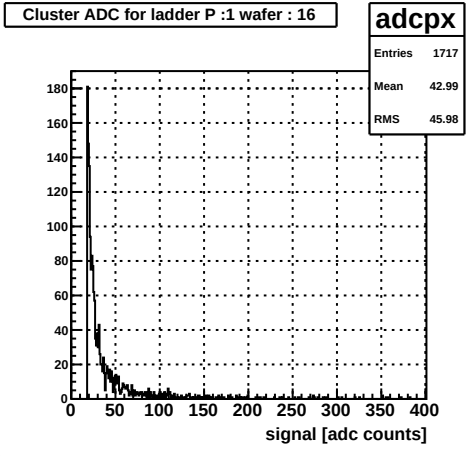

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4769
Mean 42.85
RMS 41.4
signal [adc counts]

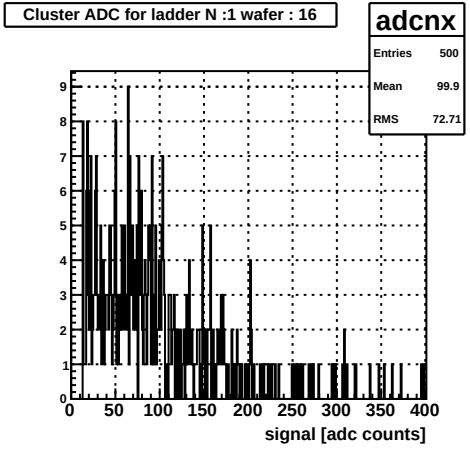

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7465
Mean 30.46
RMS 32.71
signal [adc counts]

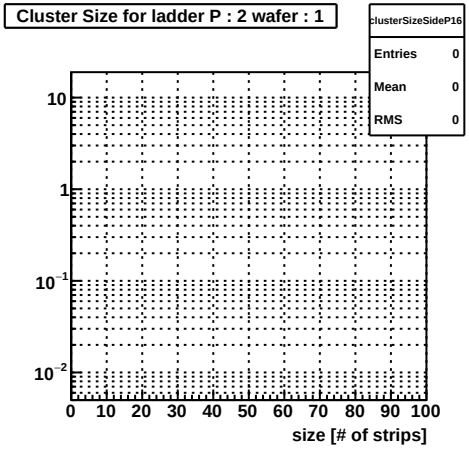

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1717
Mean 1.238
RMS 0.6252
size [# of strips]

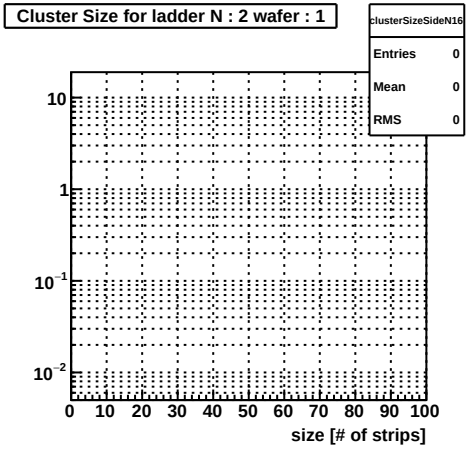

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 500
Mean 1.964
RMS 1.232
size [# of strips]

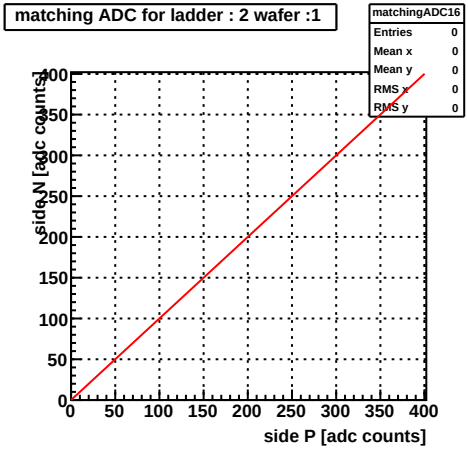

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 237
Mean x 102.2
Mean y 105.6
RMS x 67.09
RMS y 69.59
side N [adc counts]
side P [adc counts]

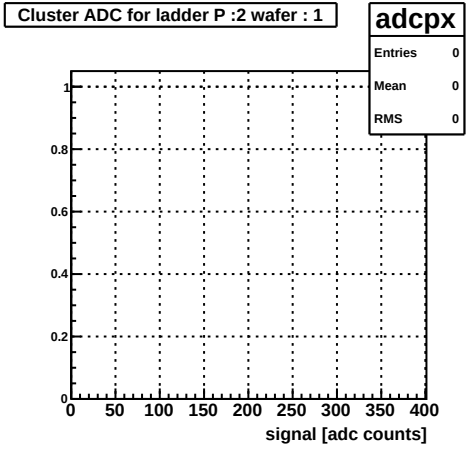

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1717
Mean 42.99
RMS 45.98
signal [adc counts]

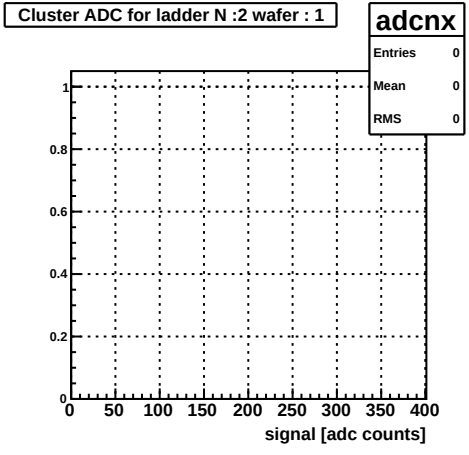

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 500
Mean 99.9
RMS 72.71
signal [adc counts]

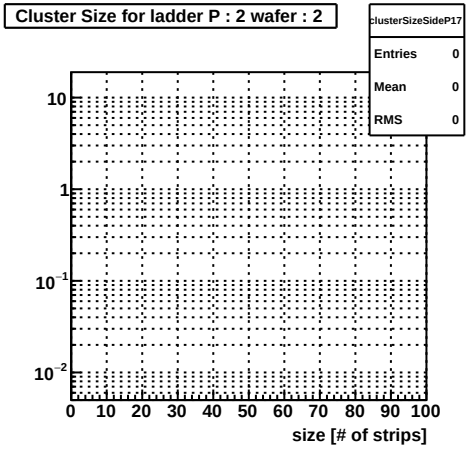

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

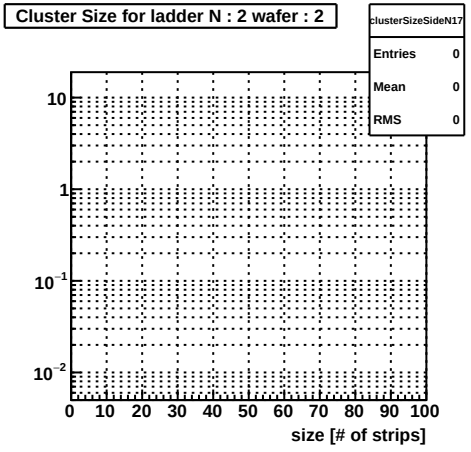

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

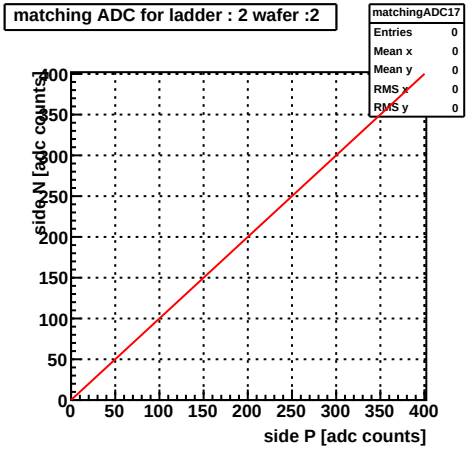

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

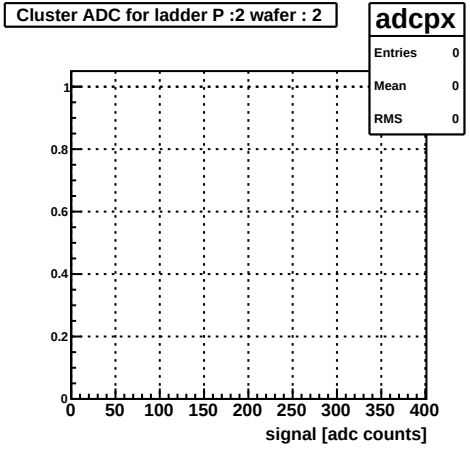

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

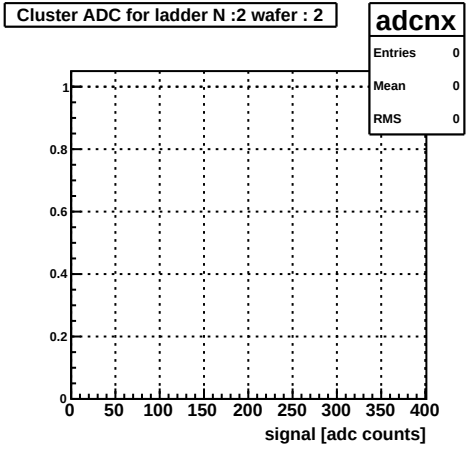

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

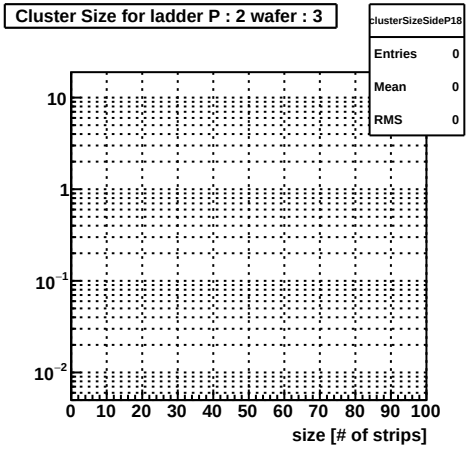

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

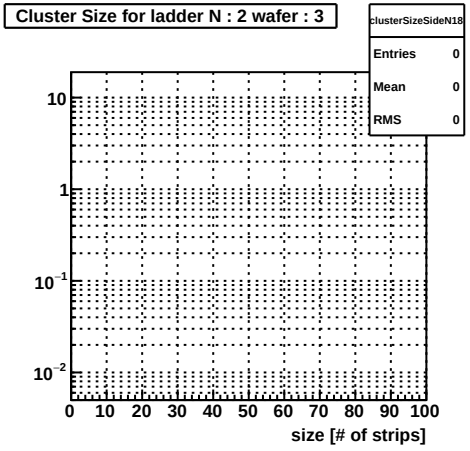

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

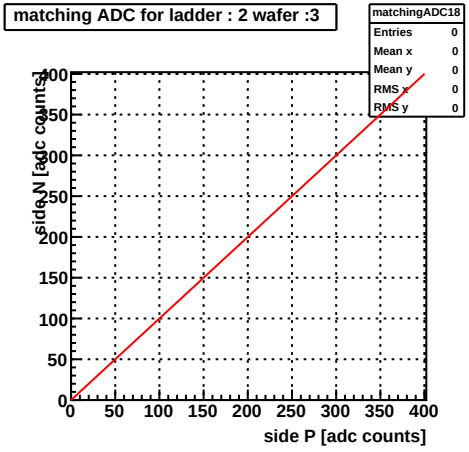

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

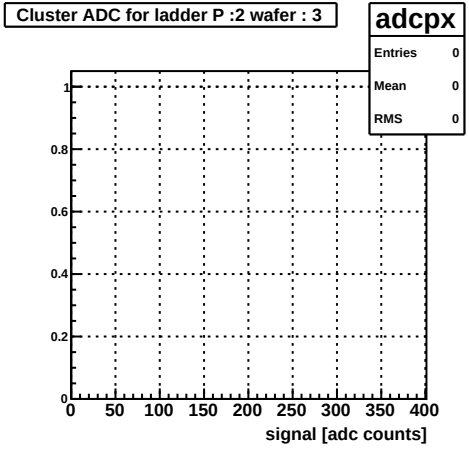

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

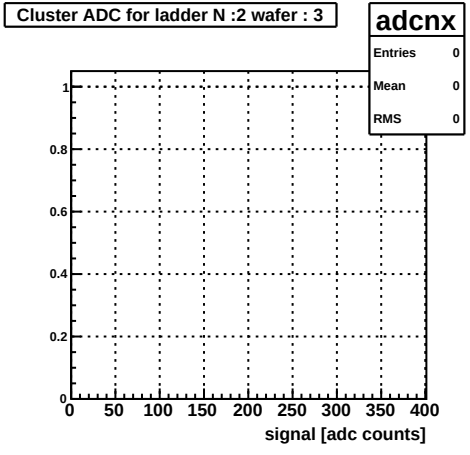

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

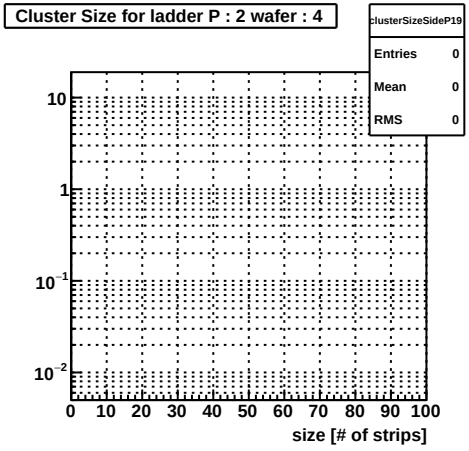

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

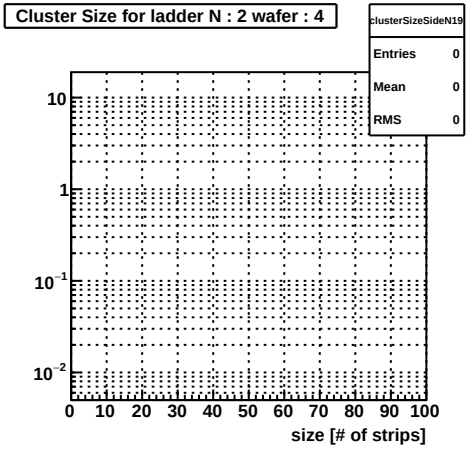

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

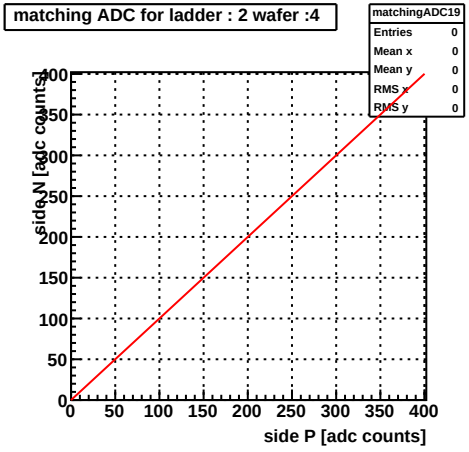

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

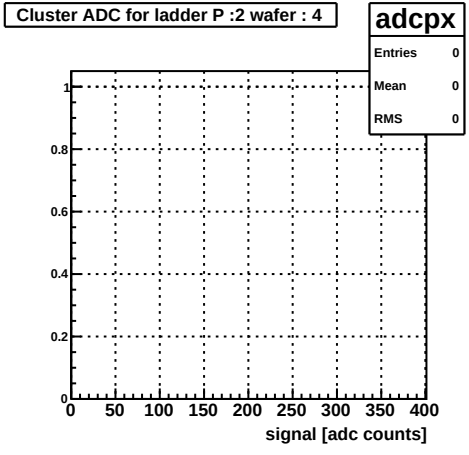

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

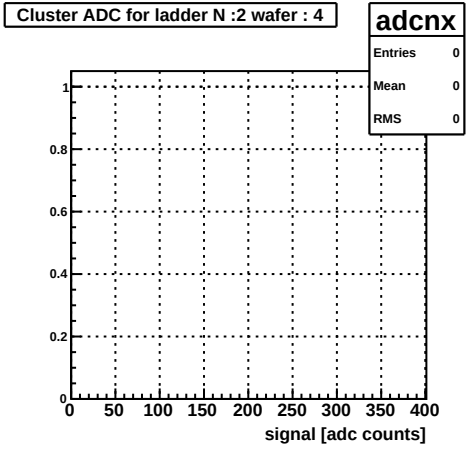

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

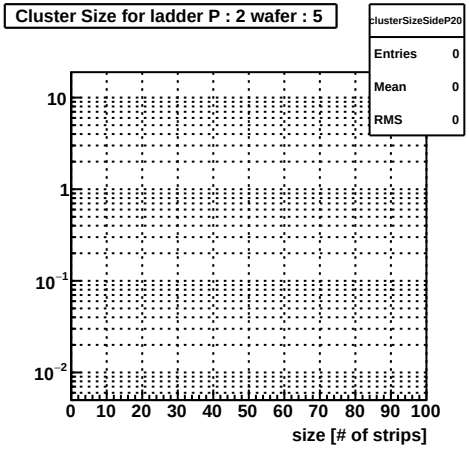

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

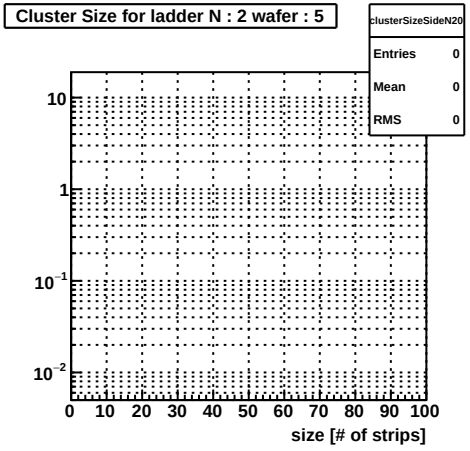

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

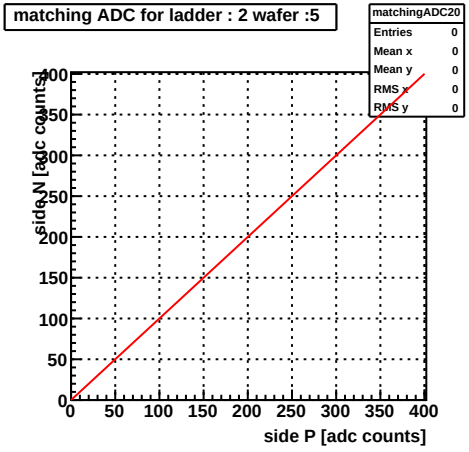

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

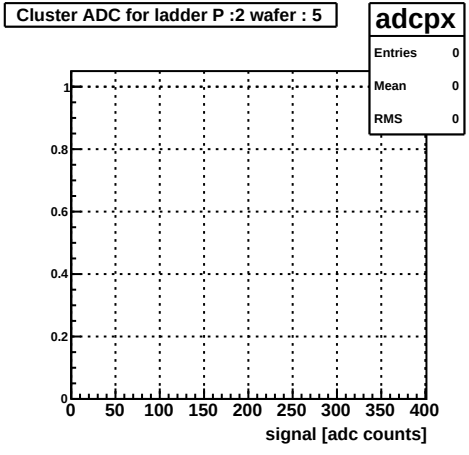

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

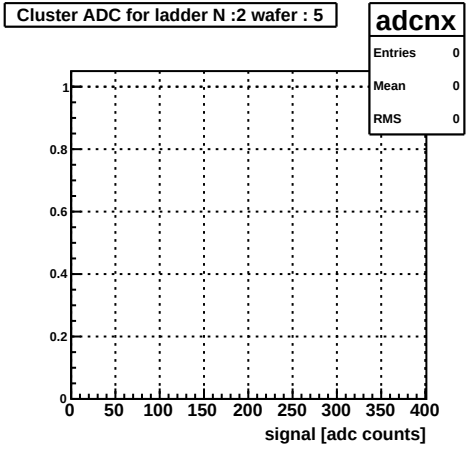

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

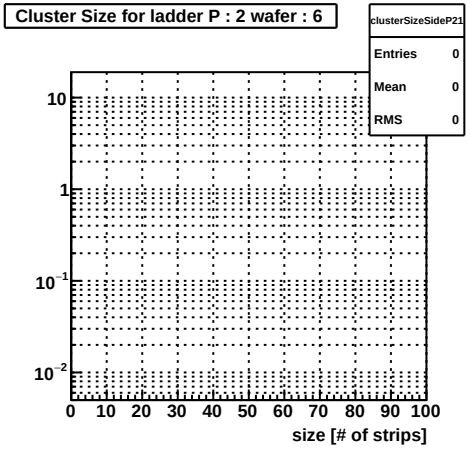

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

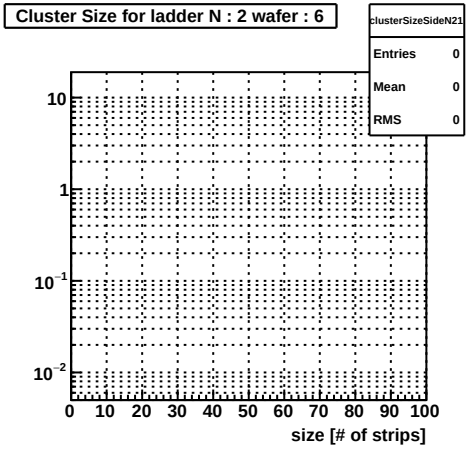

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

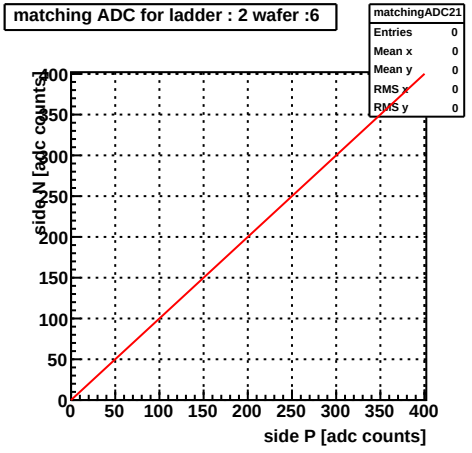

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

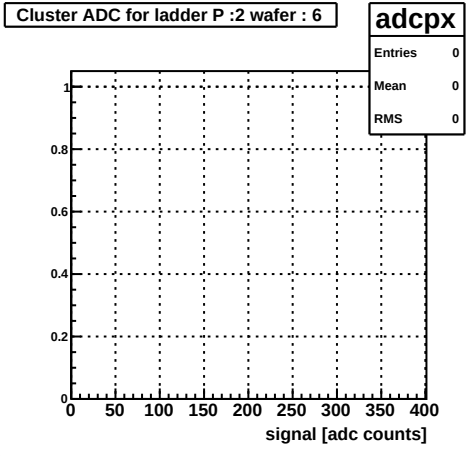

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

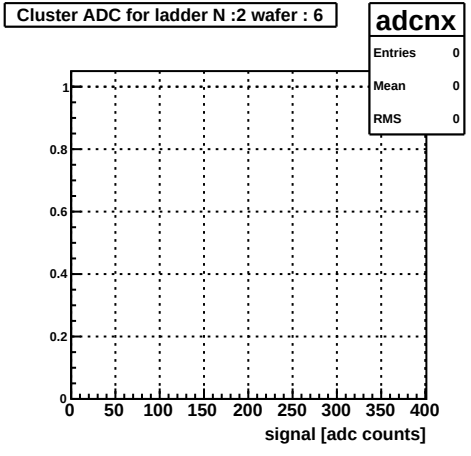

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

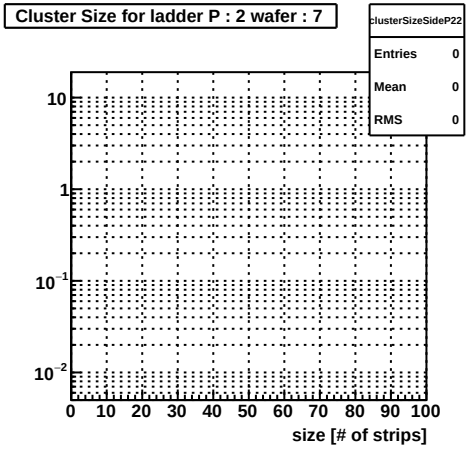

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

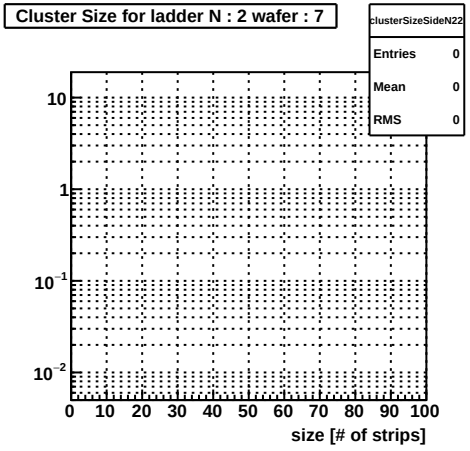

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

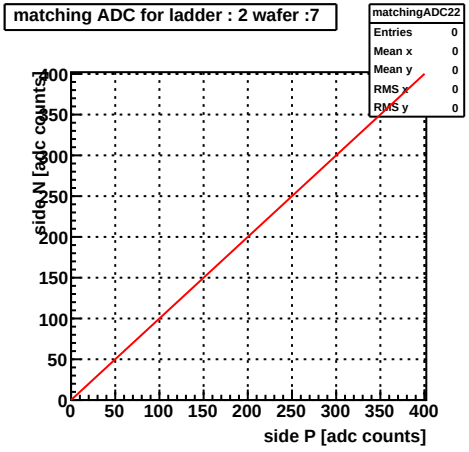

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

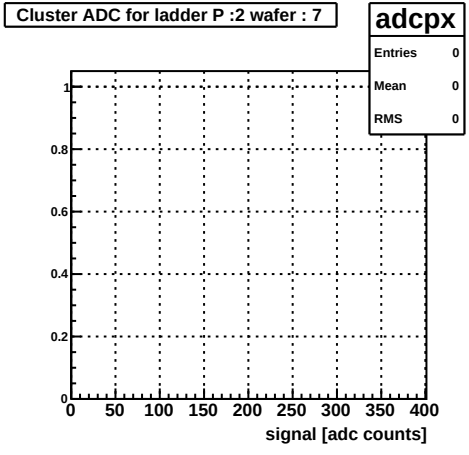

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

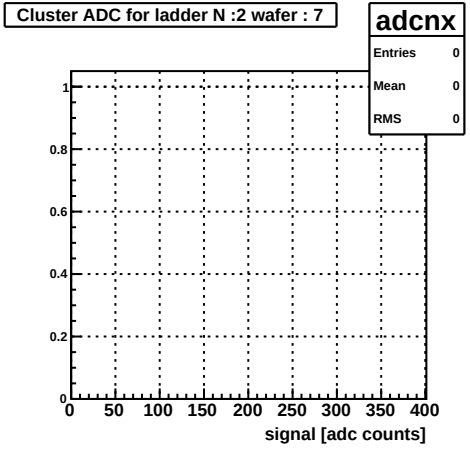

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

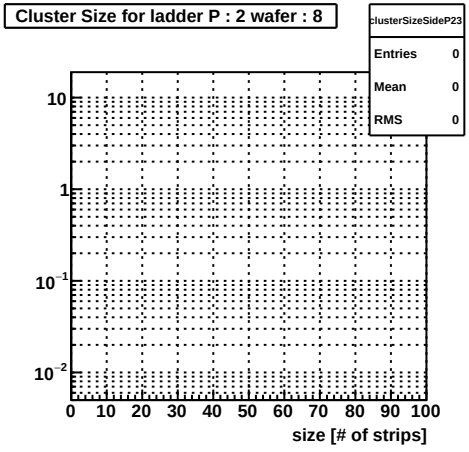

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

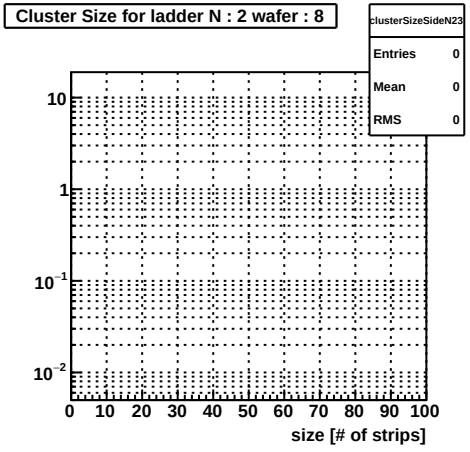

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

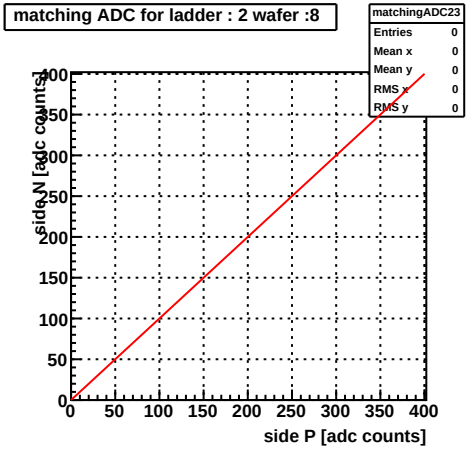

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

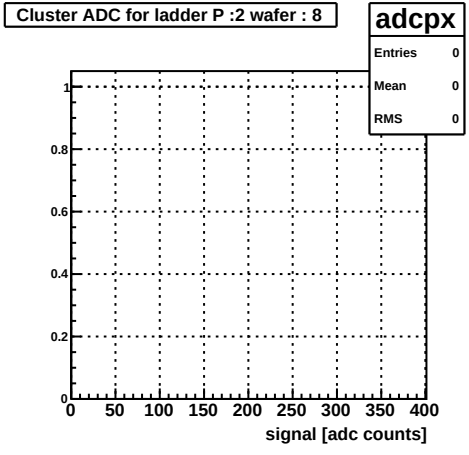

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

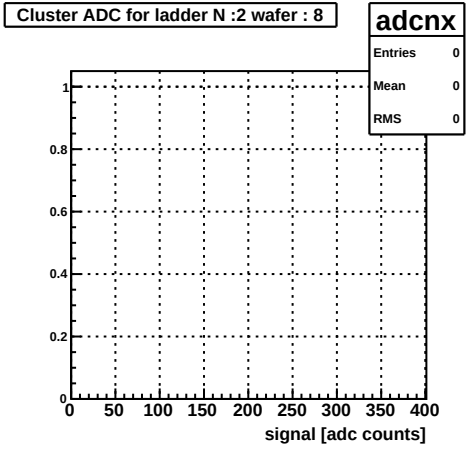

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

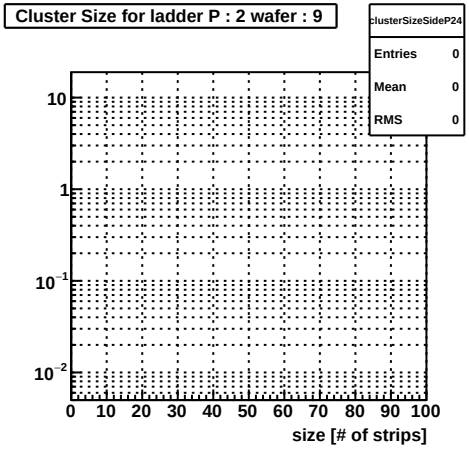

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

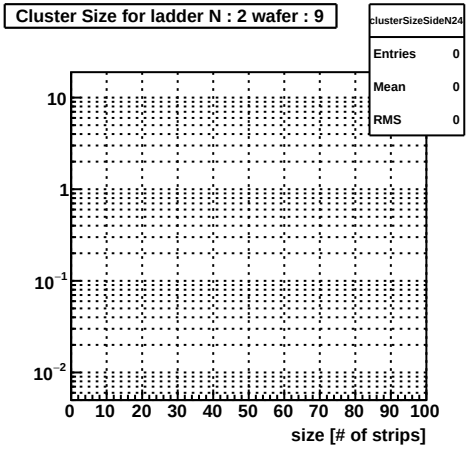

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

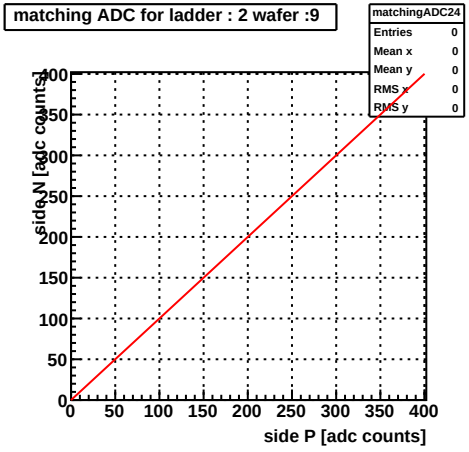

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

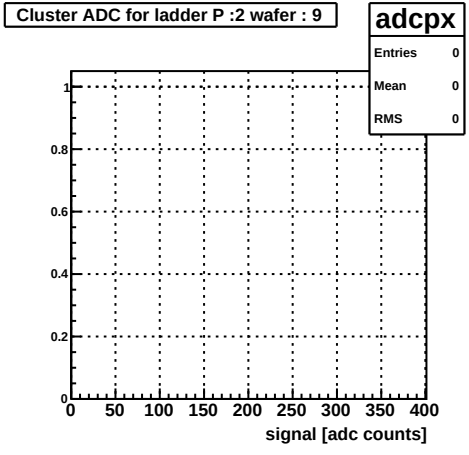

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

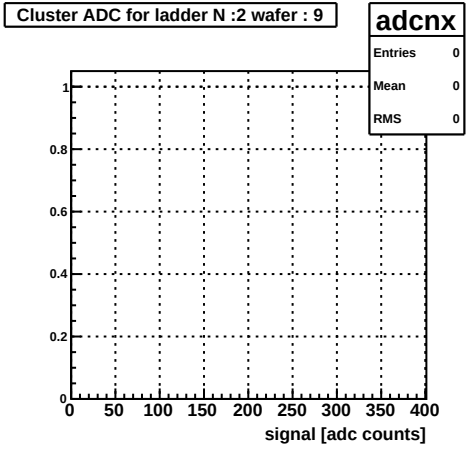

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

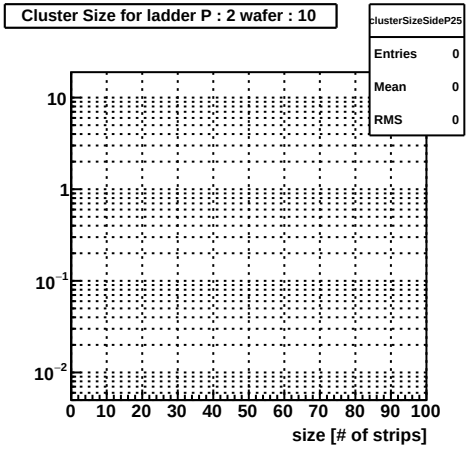

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

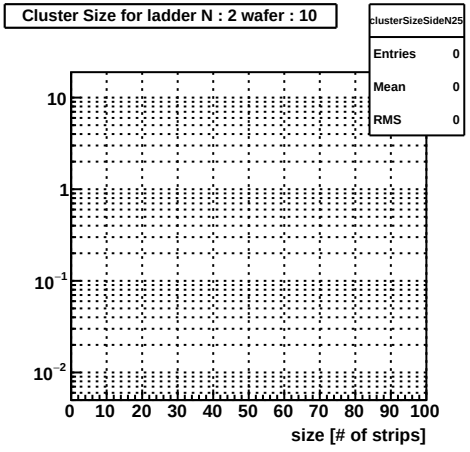

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

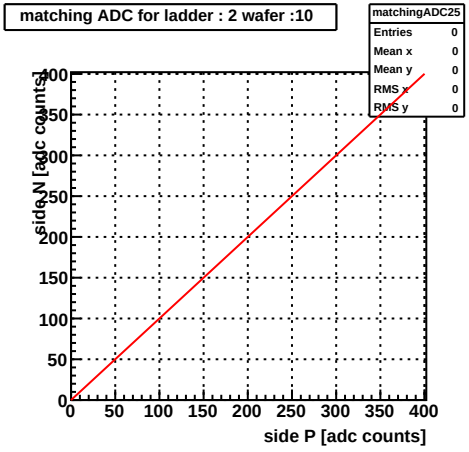

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

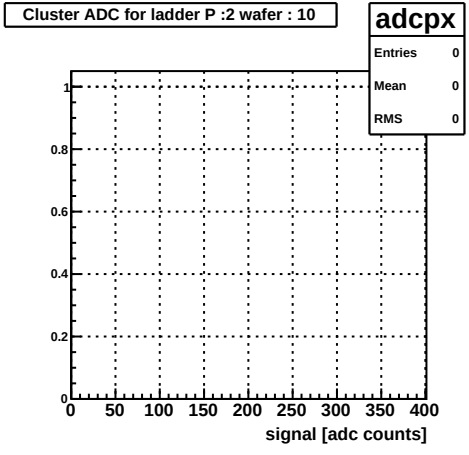

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

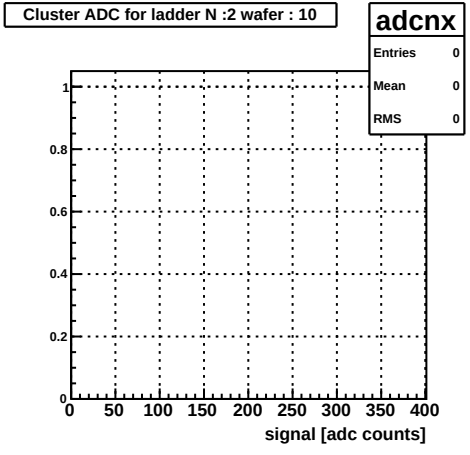

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

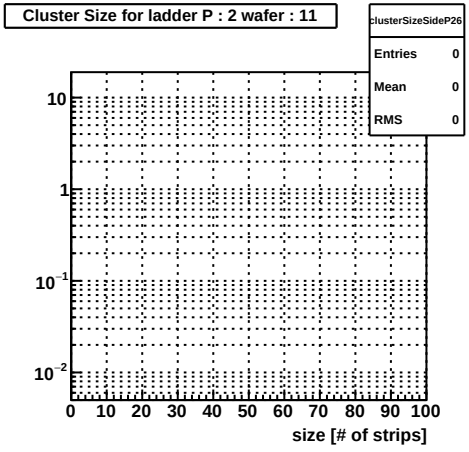

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

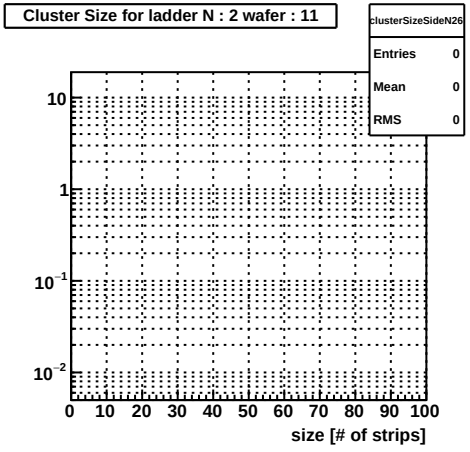

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

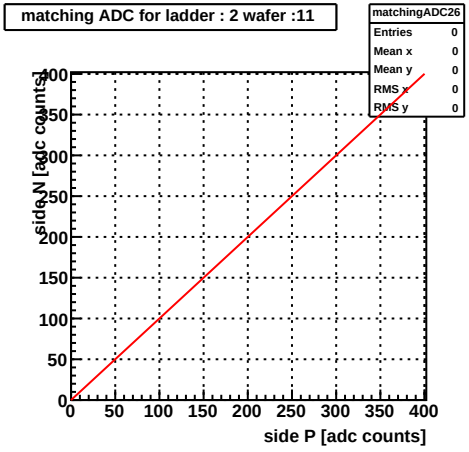

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

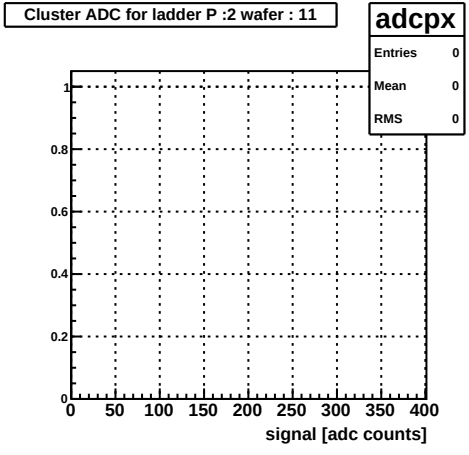

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

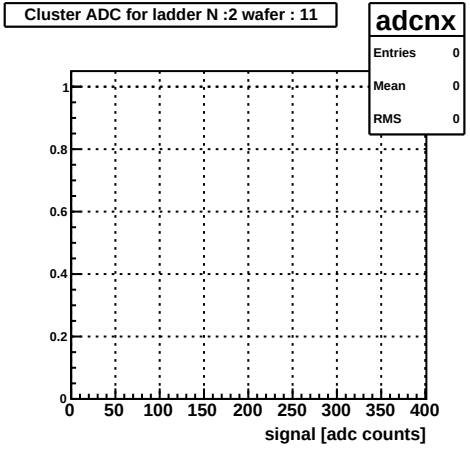

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

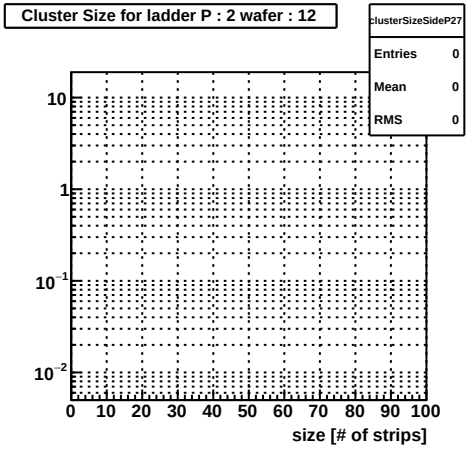

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

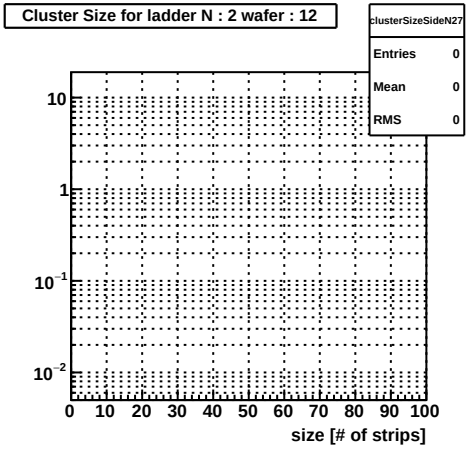

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

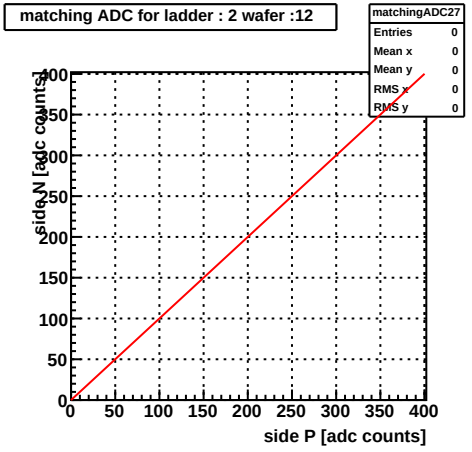

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

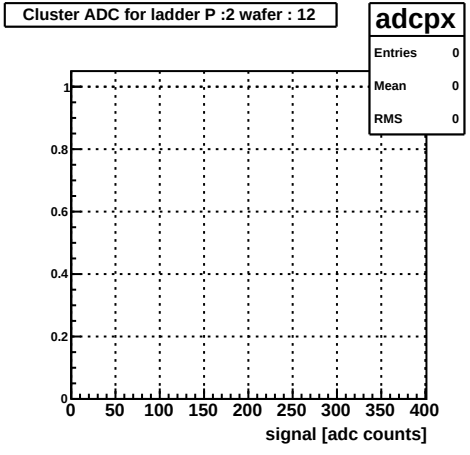

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

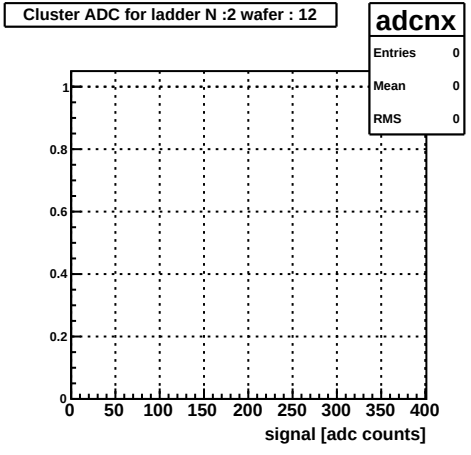

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

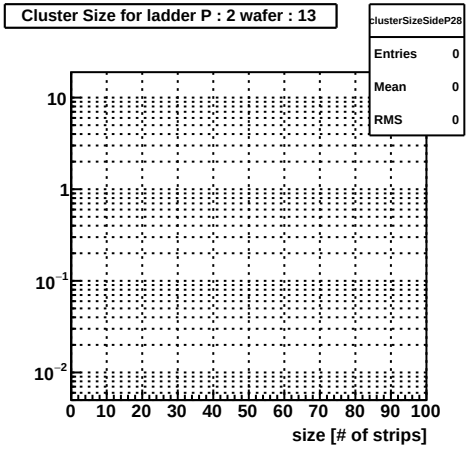

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

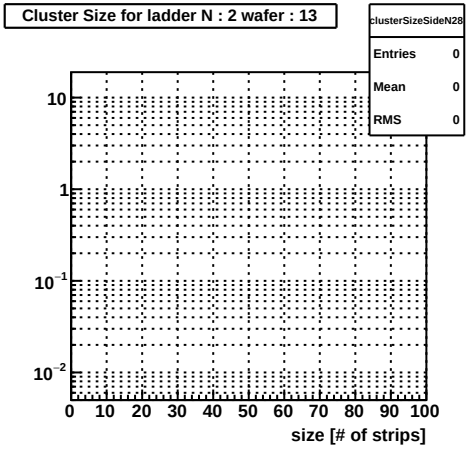

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

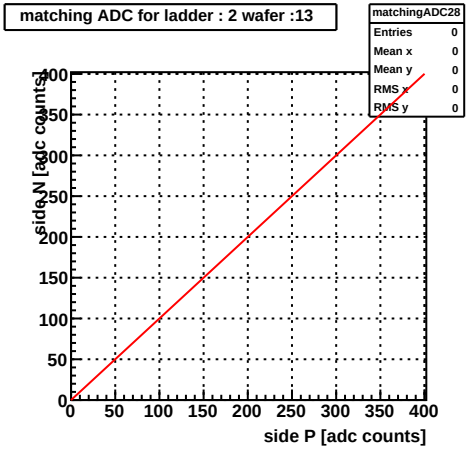

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

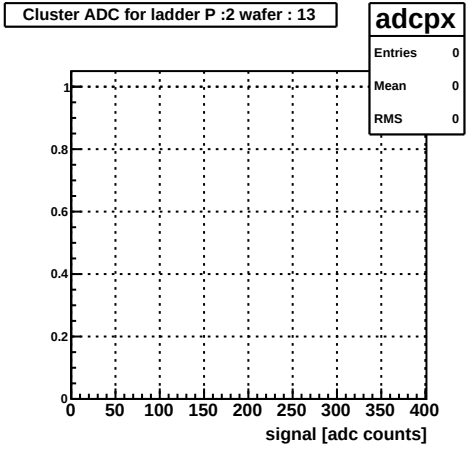

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

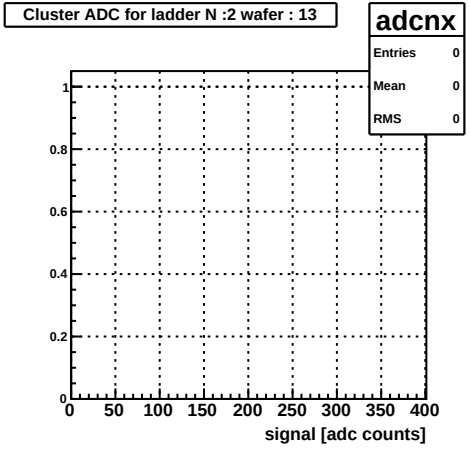

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

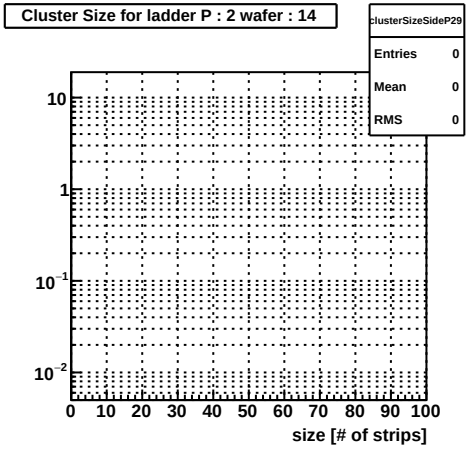

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

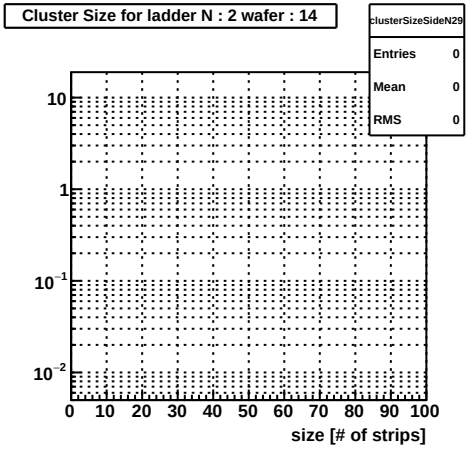

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

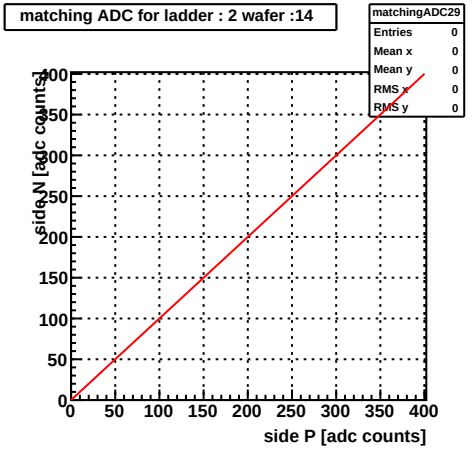

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

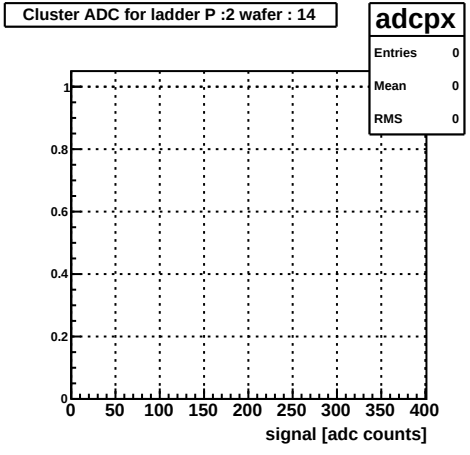

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

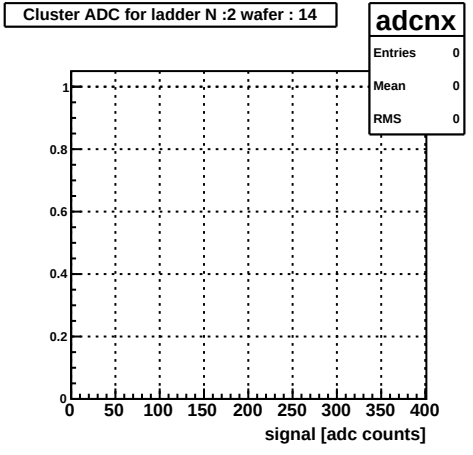

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

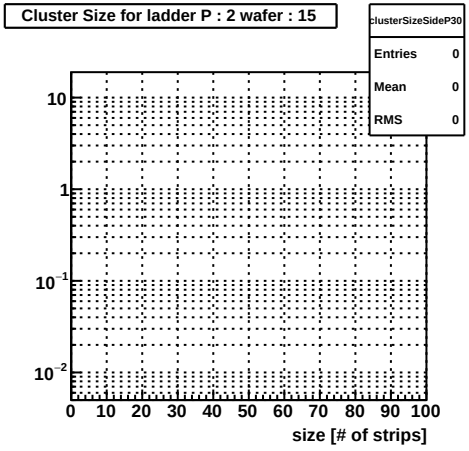

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

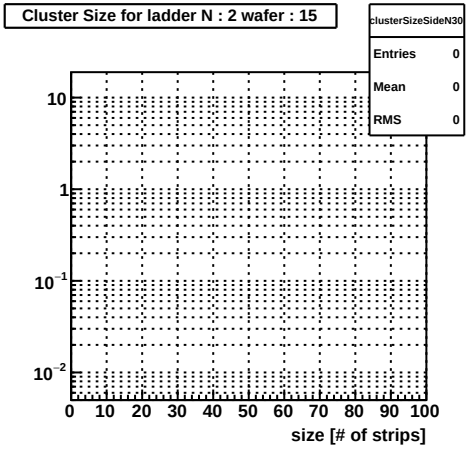

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

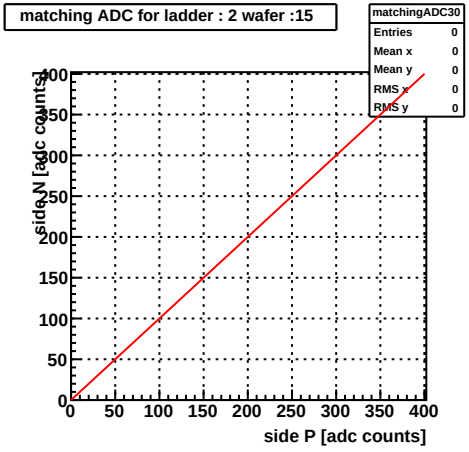

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

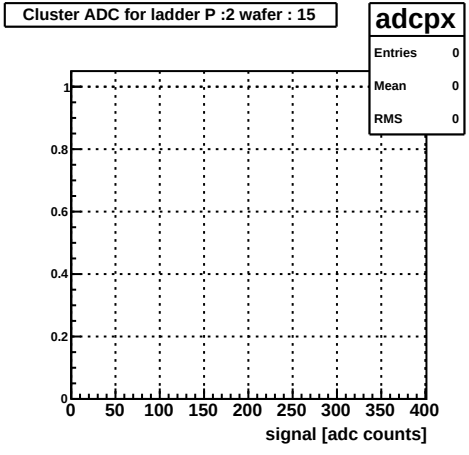

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

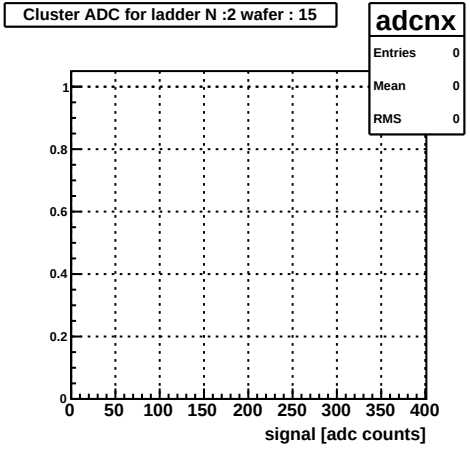

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

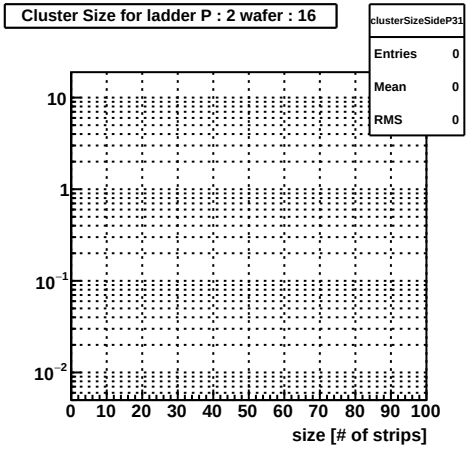

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

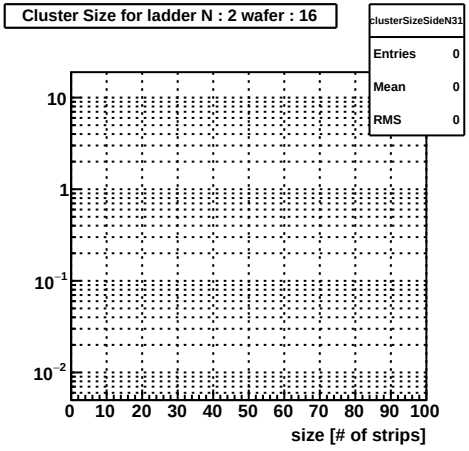

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

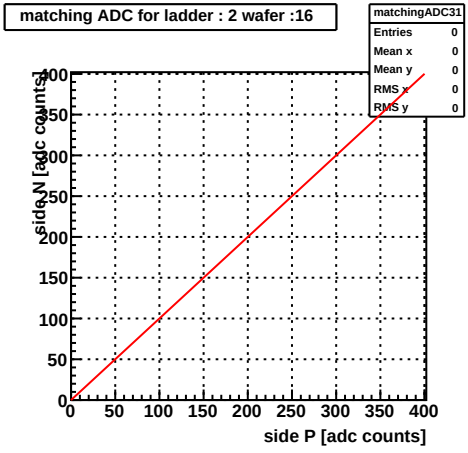

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

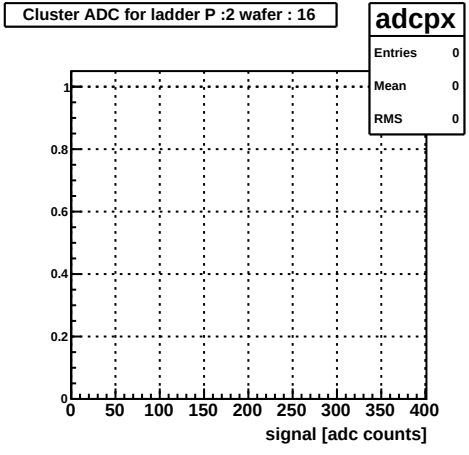

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

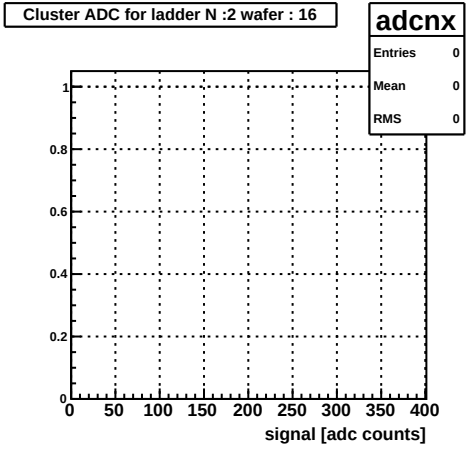

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

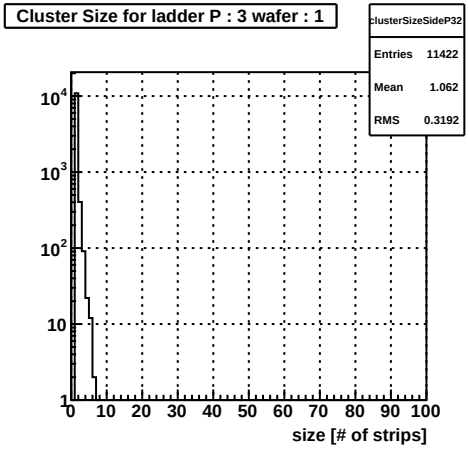

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

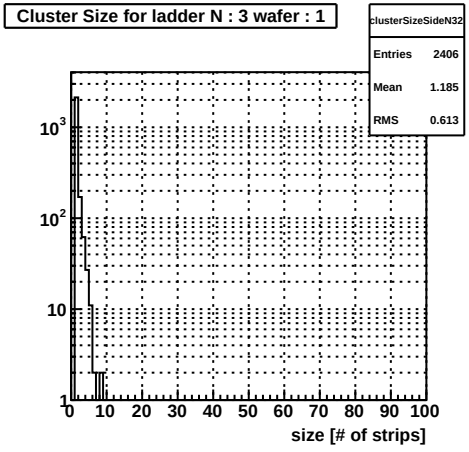

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

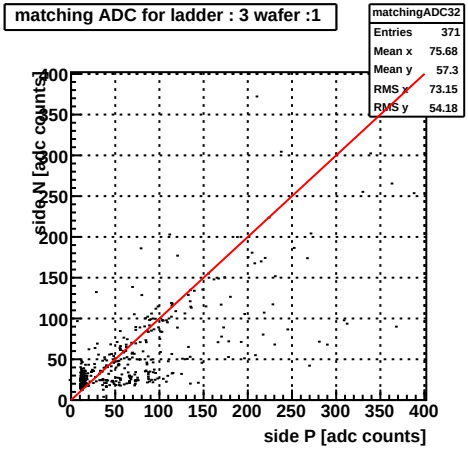

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

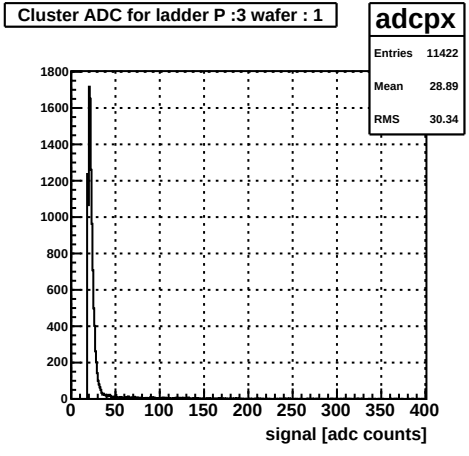

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

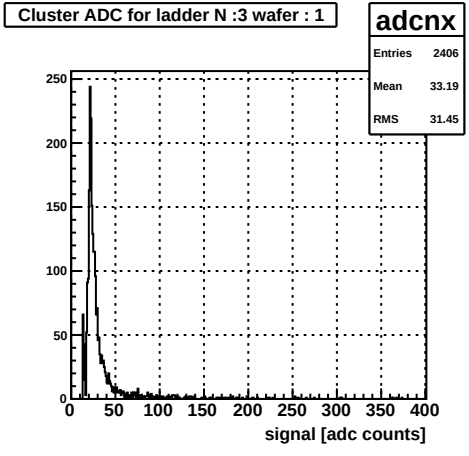

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

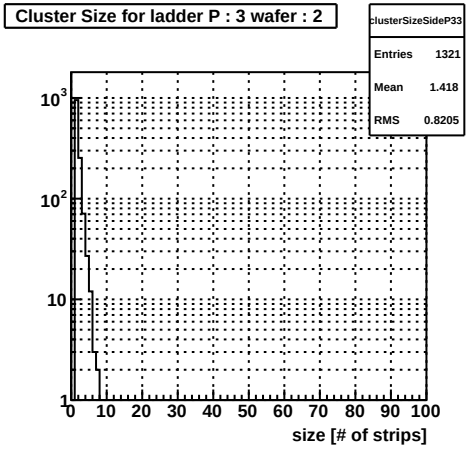

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11422
Mean 1.062
RMS 0.3192
size [# of strips]

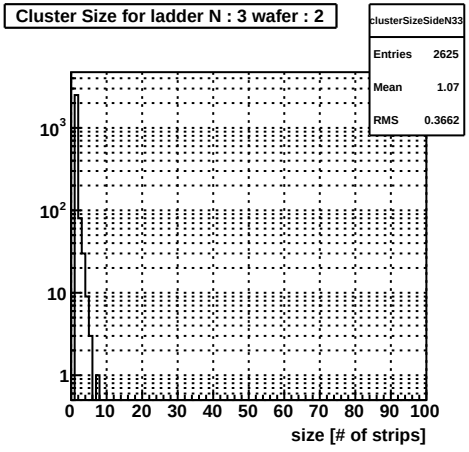

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2406
Mean 1.185
RMS 0.613
size [# of strips]

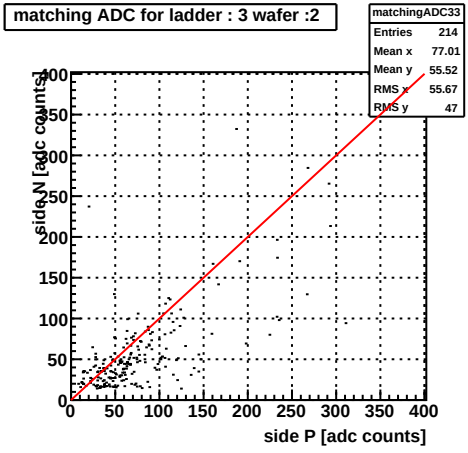

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 371
Mean x 75.68
Mean y 57.3
RMS x 73.15
RMS y 54.18
side N [adc counts]
side P [adc counts]

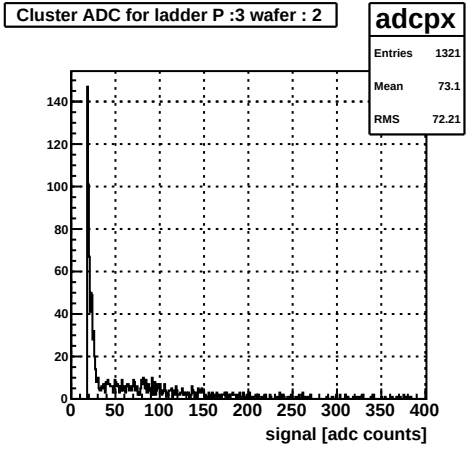

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11422
Mean 28.89
RMS 30.34
signal [adc counts]

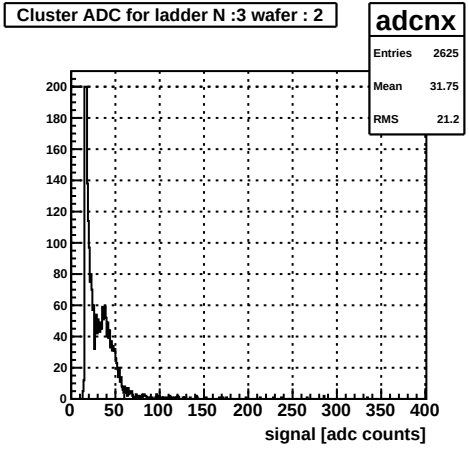

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2406
Mean 33.19
RMS 31.45
signal [adc counts]

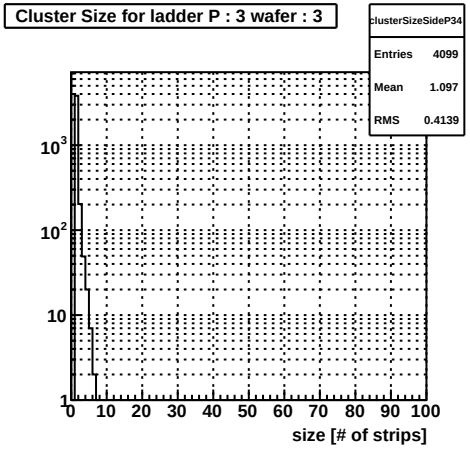

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1321
Mean 1.418
RMS 0.8205
size [# of strips]

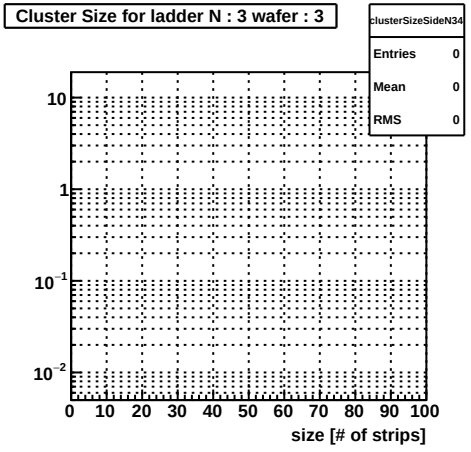

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2625
Mean 1.07
RMS 0.3662
size [# of strips]

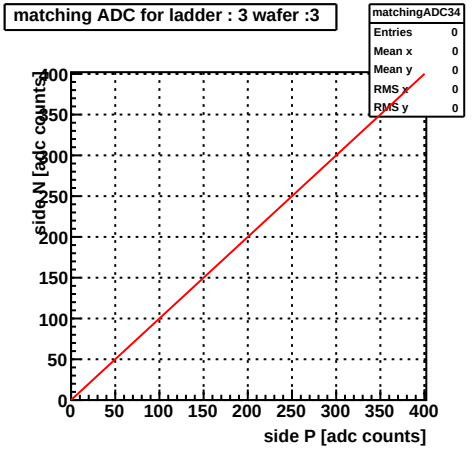

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 214
Mean x 77.01
Mean y 55.52
RMS x 55.67
RMS y 47
side N [adc counts]
side P [adc counts]

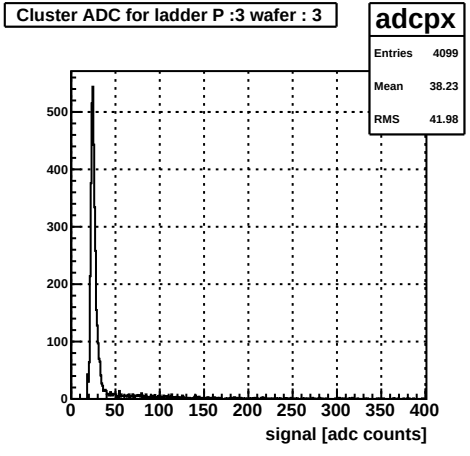

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1321
Mean 73.1
RMS 72.21
signal [adc counts]

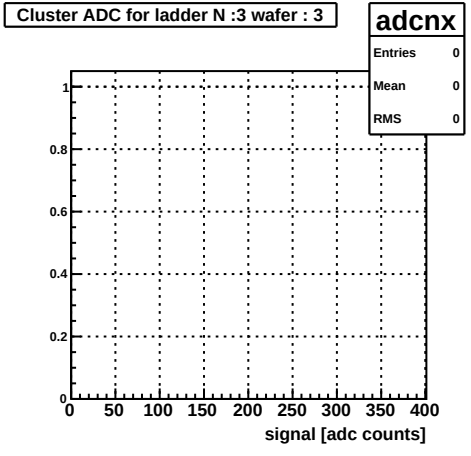

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2625
Mean 31.75
RMS 21.2
signal [adc counts]

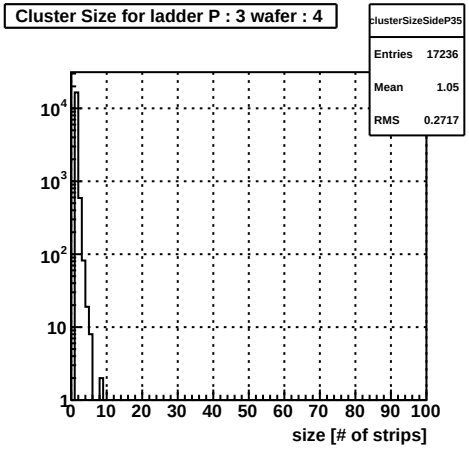

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4099
Mean 1.097
RMS 0.4139
size [# of strips]

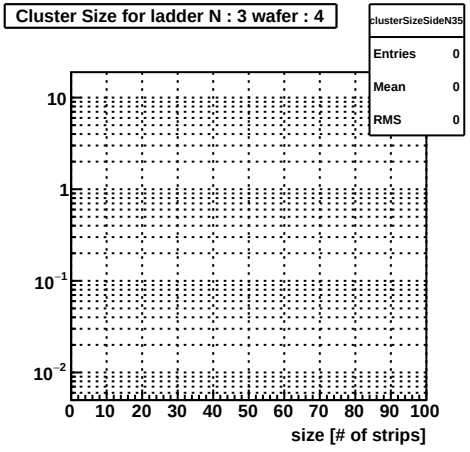

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

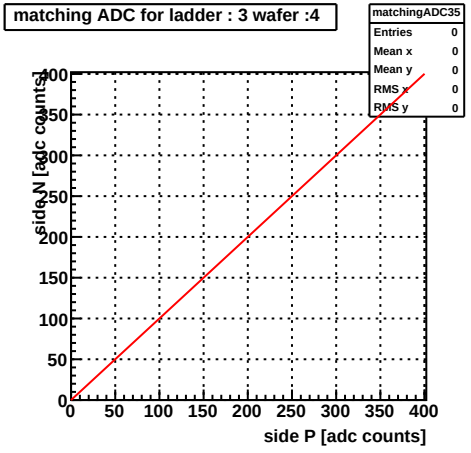

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

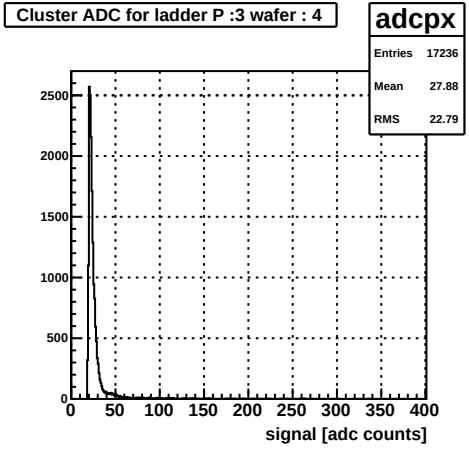

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4099
Mean 38.23
RMS 41.98
signal [adc counts]

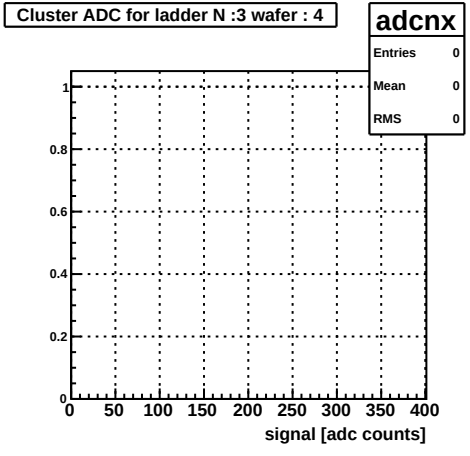

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

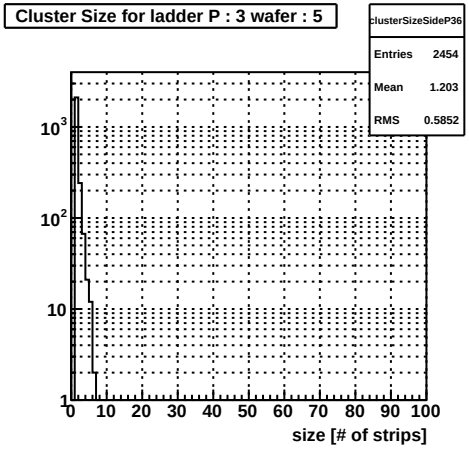

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17236
Mean 1.05
RMS 0.2717
size [# of strips]

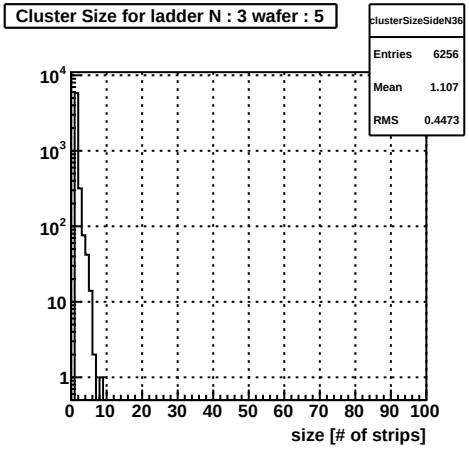

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

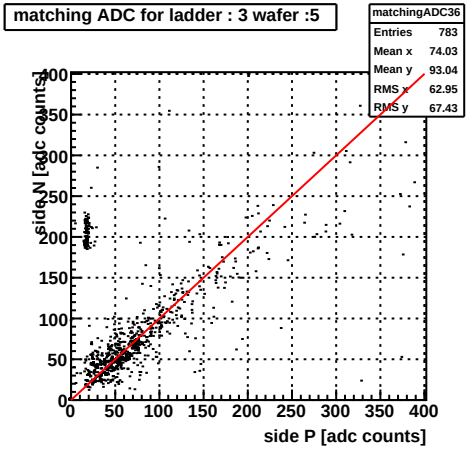

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

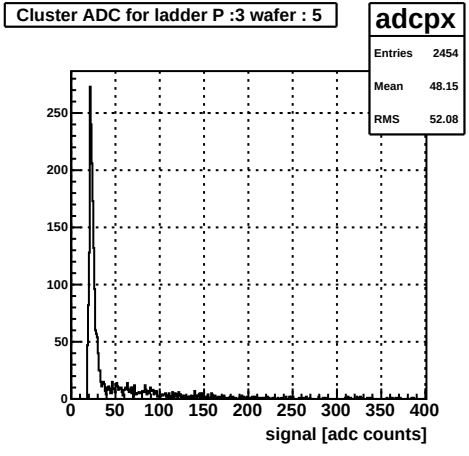

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17236
Mean 27.88
RMS 22.79
signal [adc counts]

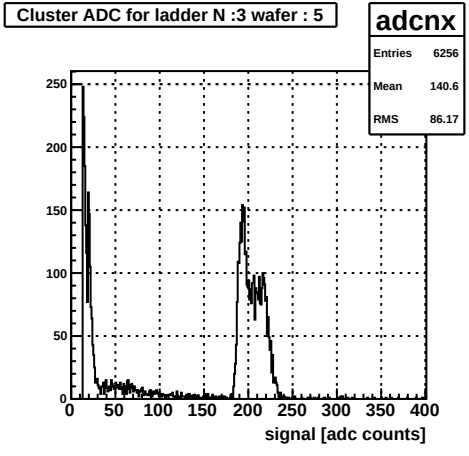

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

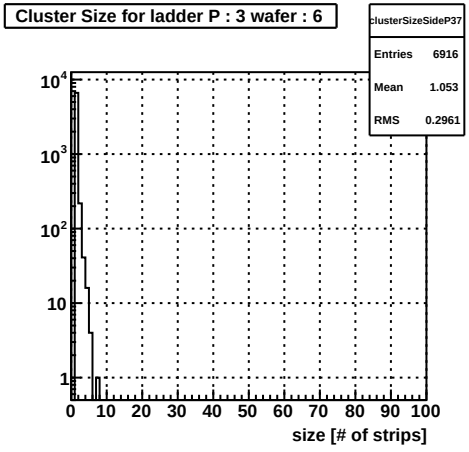

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2454
Mean 1.203
RMS 0.5852
size [# of strips]

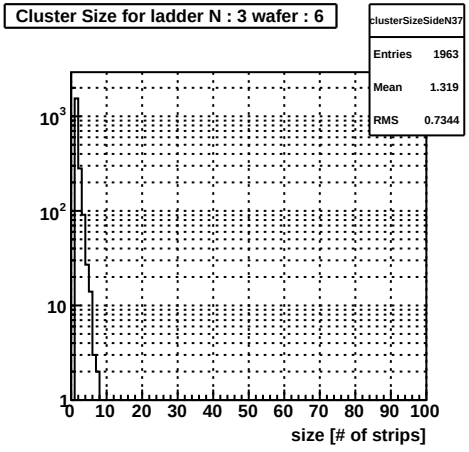

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6256
Mean 1.107
RMS 0.4473
size [# of strips]

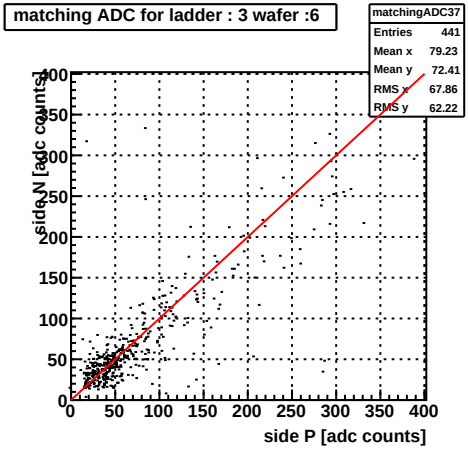

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 783
Mean x 74.03
Mean y 93.04
RMS x 62.95
RMS y 67.43
side N [adc counts]
side P [adc counts]

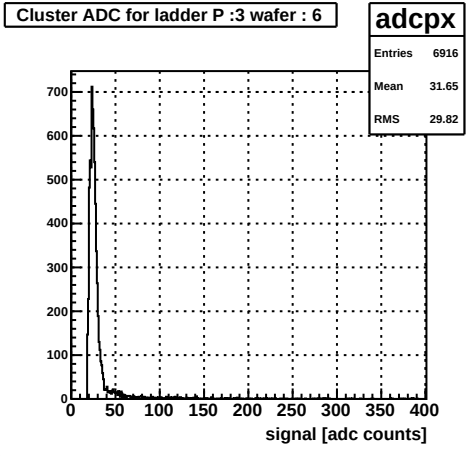

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2454
Mean 48.15
RMS 52.08
signal [adc counts]

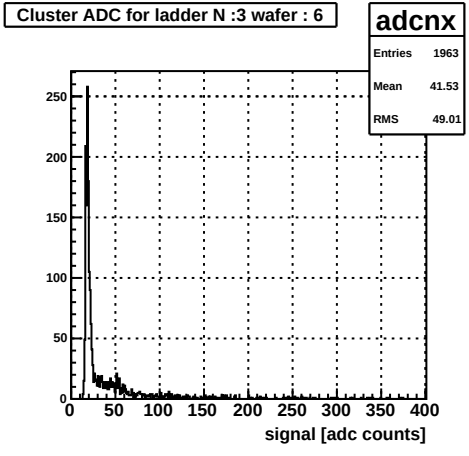

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6256
Mean 140.6
RMS 86.17
signal [adc counts]

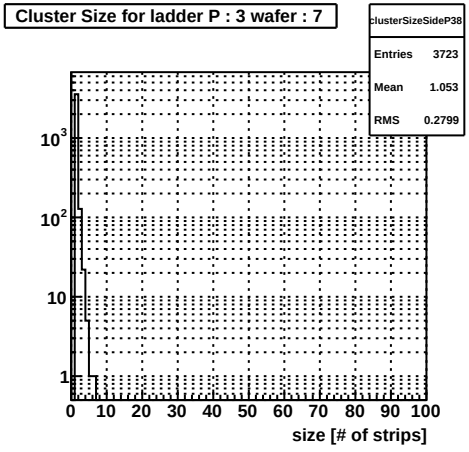

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6916
Mean 1.053
RMS 0.2961
size [# of strips]

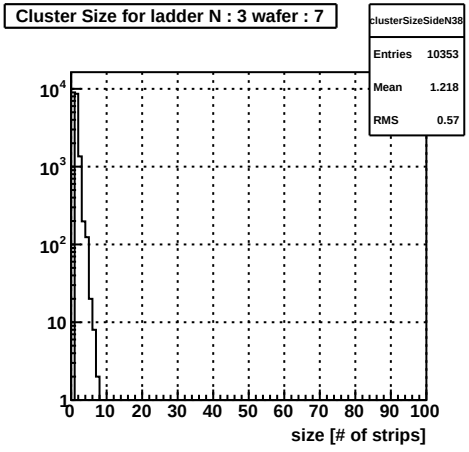

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1963
Mean 1.319
RMS 0.7344
size [# of strips]

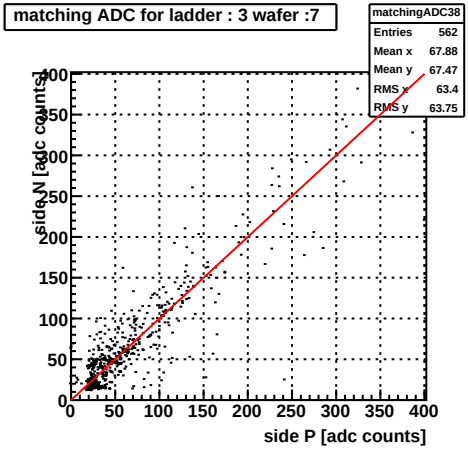

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 441
Mean x 79.23
Mean y 72.41
RMS x 67.86
RMS y 62.22
side N [adc counts]
side P [adc counts]

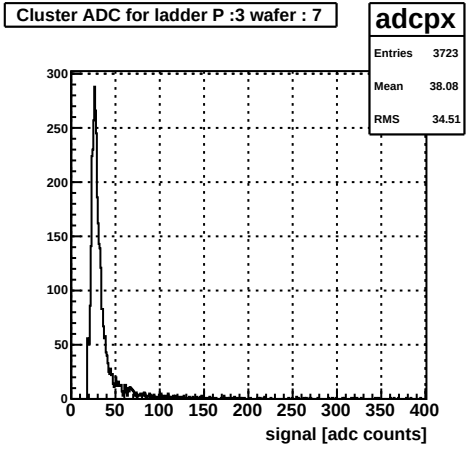

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6916
Mean 31.65
RMS 29.82
signal [adc counts]

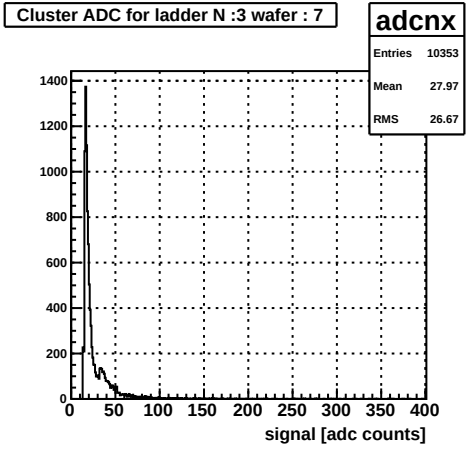

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1963
Mean 41.53
RMS 49.01
signal [adc counts]

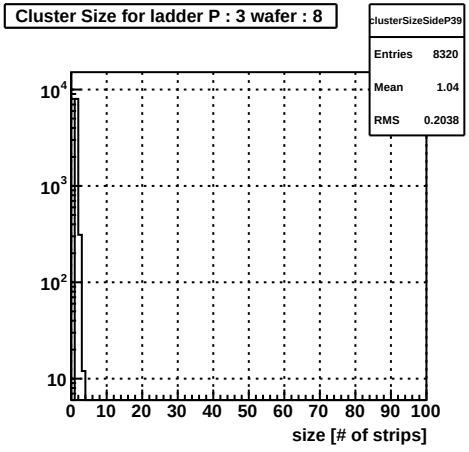

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3723
Mean 1.053
RMS 0.2799
size [# of strips]

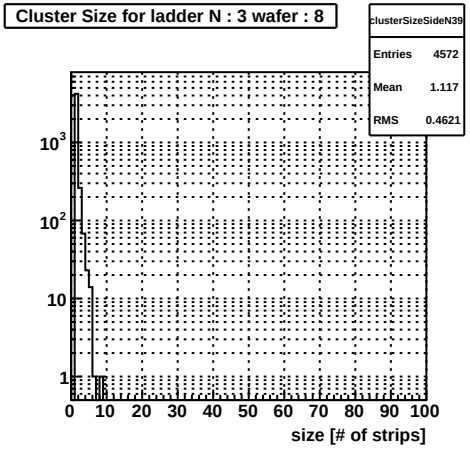

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 10353
Mean 1.218
RMS 0.57
size [# of strips]

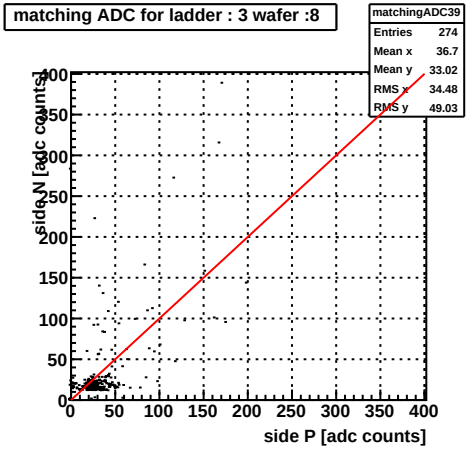

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 562
Mean x 67.88
Mean y 67.47
RMS x 63.4
RMS y 63.75
side N [adc counts]
side P [adc counts]

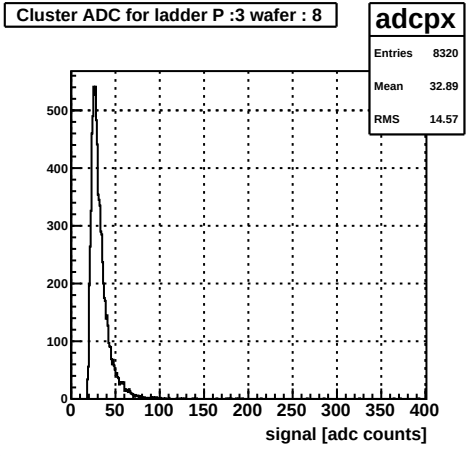

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3723
Mean 38.08
RMS 34.51
signal [adc counts]

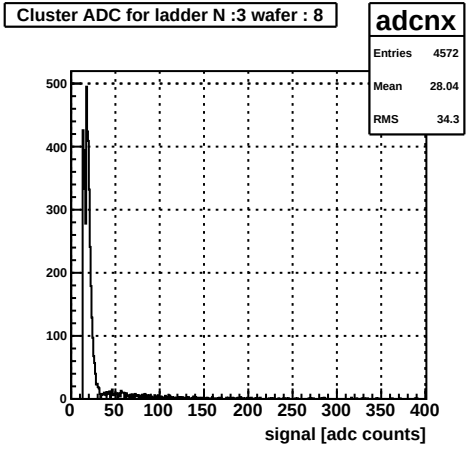

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 10353
Mean 27.97
RMS 26.67
signal [adc counts]

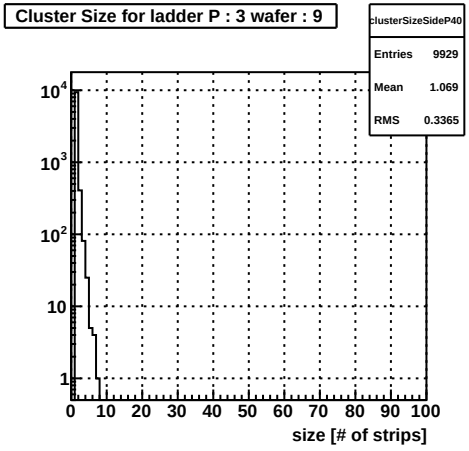

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8320
Mean 1.04
RMS 0.2038
size [# of strips]

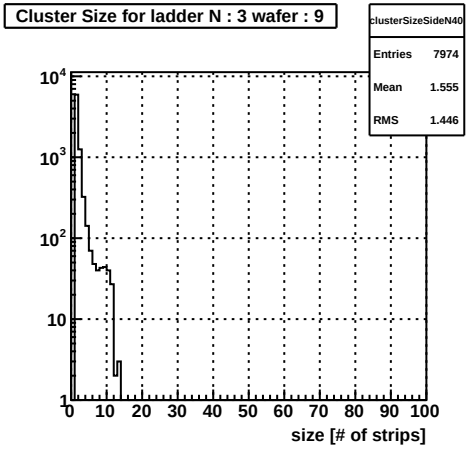

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 4572
Mean 1.117
RMS 0.4621
size [# of strips]

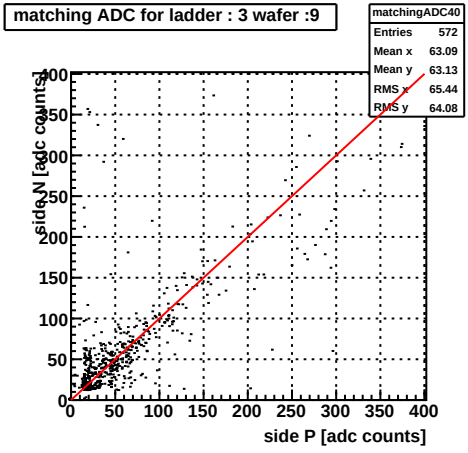

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 274
Mean x 36.7
Mean y 33.02
RMS x 34.48
RMS y 49.03
side N [adc counts]
side P [adc counts]

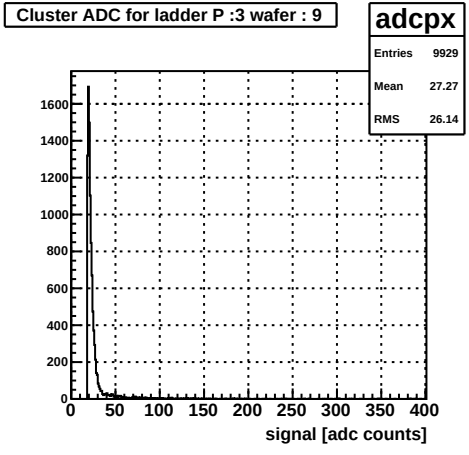

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8320
Mean 32.89
RMS 14.57
signal [adc counts]

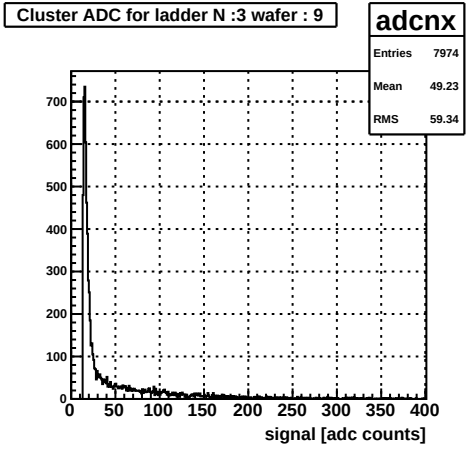

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 4572
Mean 28.04
RMS 34.3
signal [adc counts]

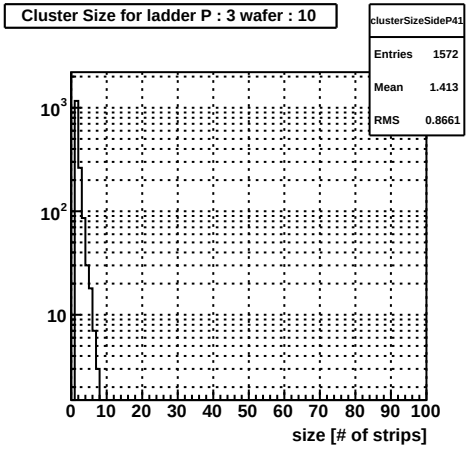

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9929
Mean 1.069
RMS 0.3365
size [# of strips]

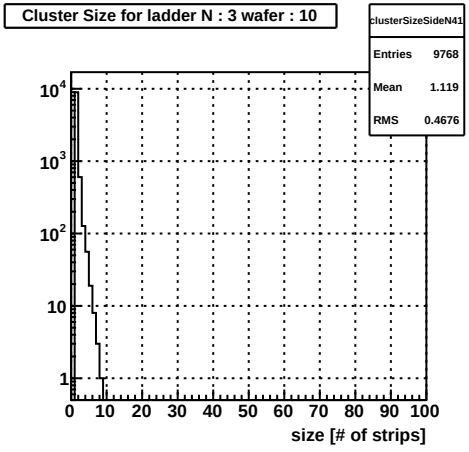

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7974
Mean 1.555
RMS 1.446
size [# of strips]

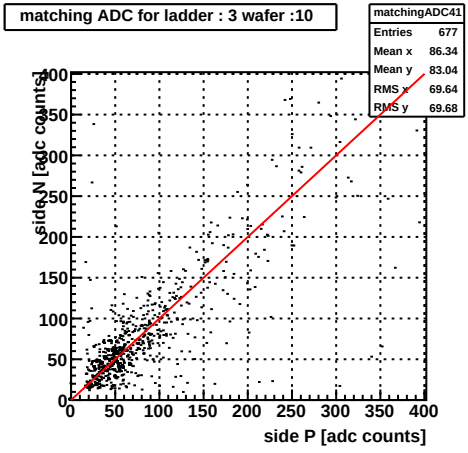

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 572
Mean x 63.09
Mean y 63.13
RMS x 65.44
RMS y 64.08
side N [adc counts]
side P [adc counts]

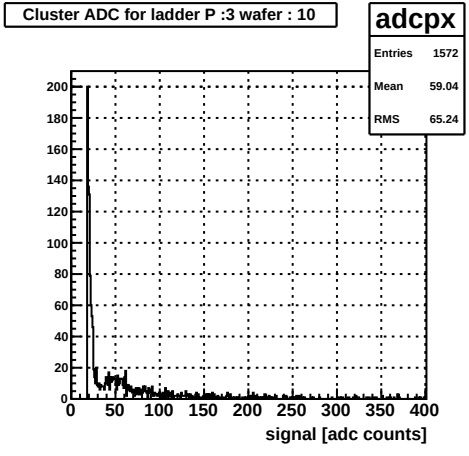

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9929
Mean 27.27
RMS 26.14
signal [adc counts]

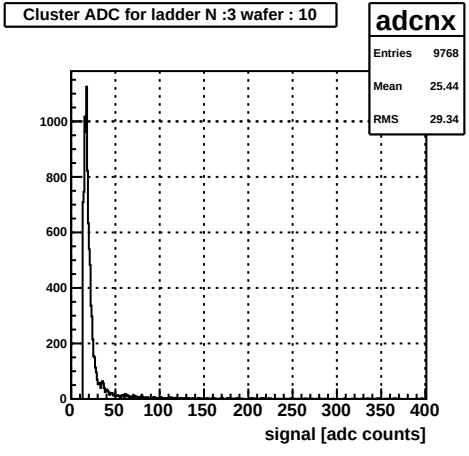

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7974
Mean 49.23
RMS 59.34
signal [adc counts]

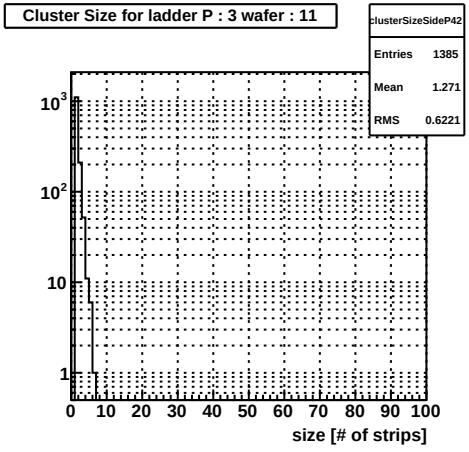

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1572
Mean 1.413
RMS 0.8661
size [# of strips]

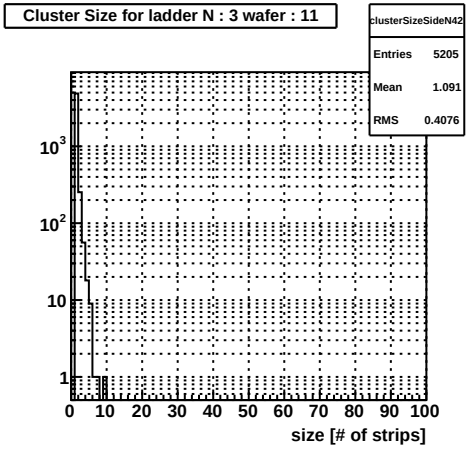

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 9768
Mean 1.119
RMS 0.4676
size [# of strips]

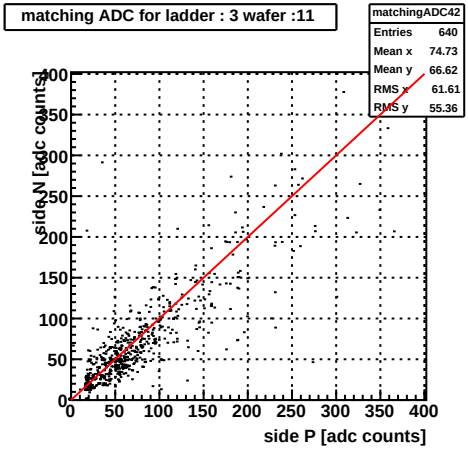

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 677
Mean x 86.34
Mean y 83.04
RMS x 69.64
RMS y 69.68
side N [adc counts]
side P [adc counts]

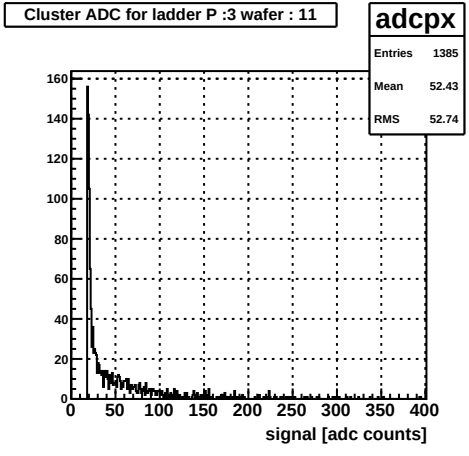

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1572
Mean 59.04
RMS 65.24
signal [adc counts]

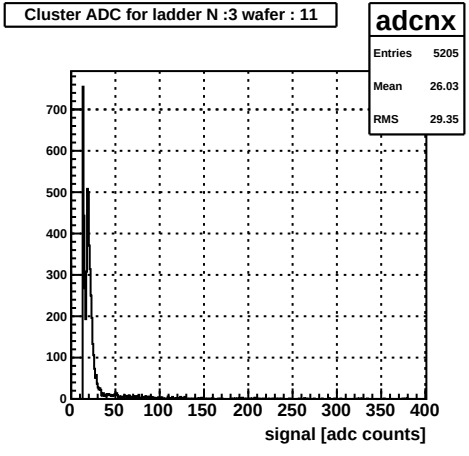

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 9768
Mean 25.44
RMS 29.34
signal [adc counts]

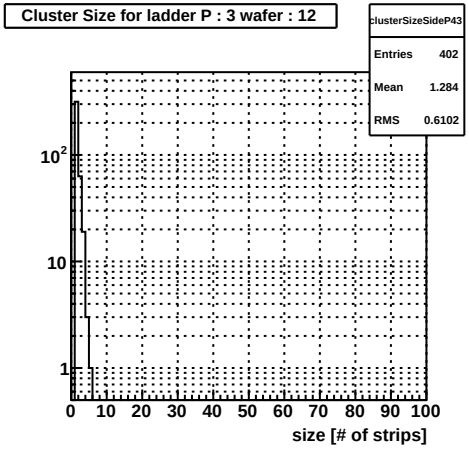

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1385
Mean 1.271
RMS 0.6221
size [# of strips]

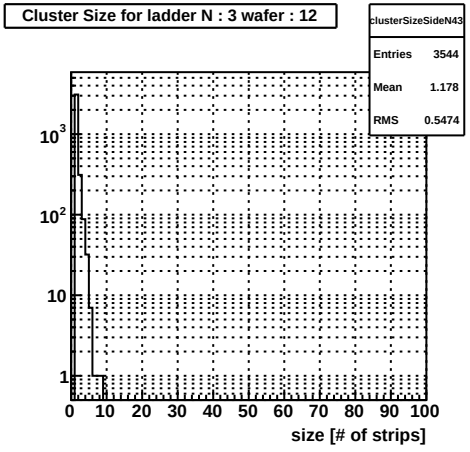

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 5205
Mean 1.091
RMS 0.4076
size [# of strips]

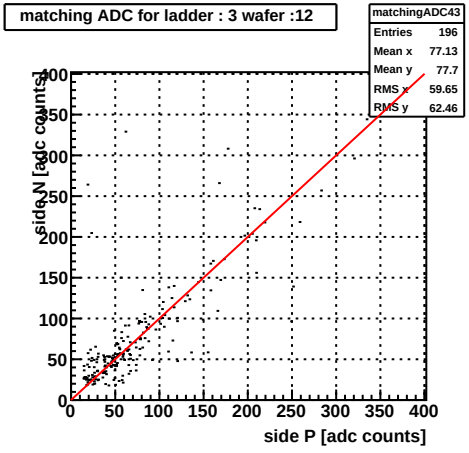

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 640
Mean x 74.73
Mean y 66.62
RMS x 61.61
RMS y 55.36
side N [adc counts]
side P [adc counts]

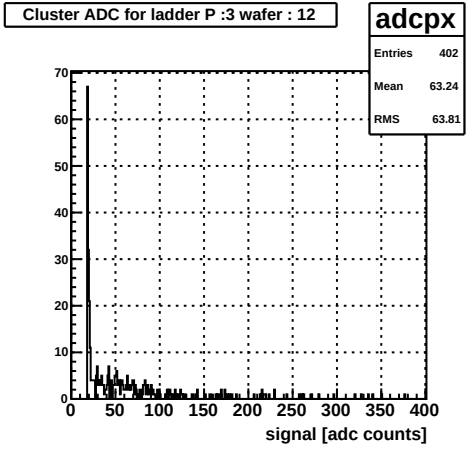

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1385
Mean 52.43
RMS 52.74
signal [adc counts]

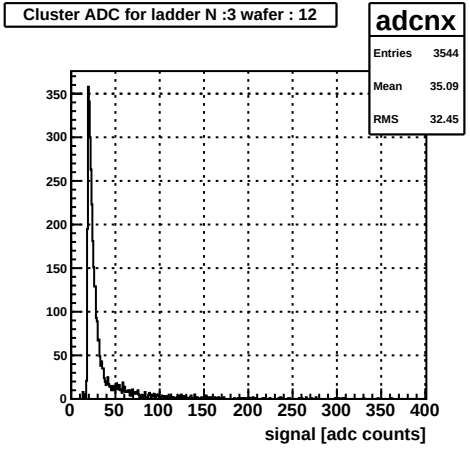

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 5205
Mean 26.03
RMS 29.35
signal [adc counts]

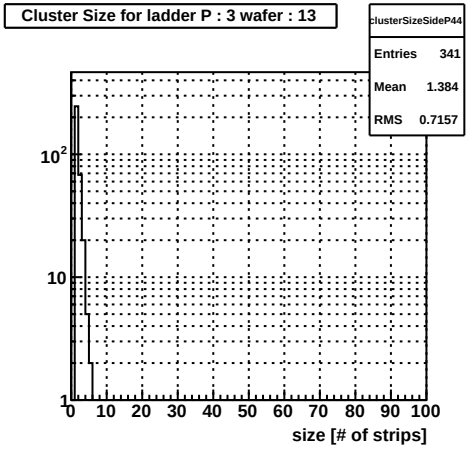

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 402
Mean 1.284
RMS 0.6102
size [# of strips]

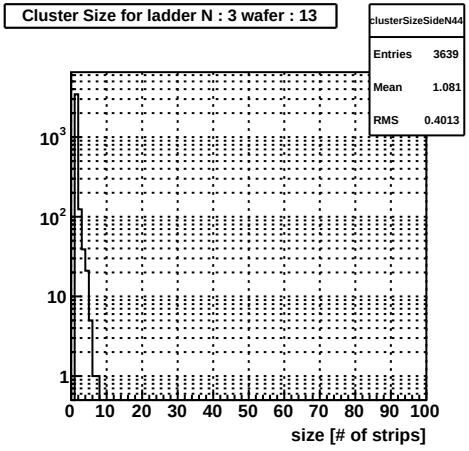

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3544
Mean 1.178
RMS 0.5474
size [# of strips]

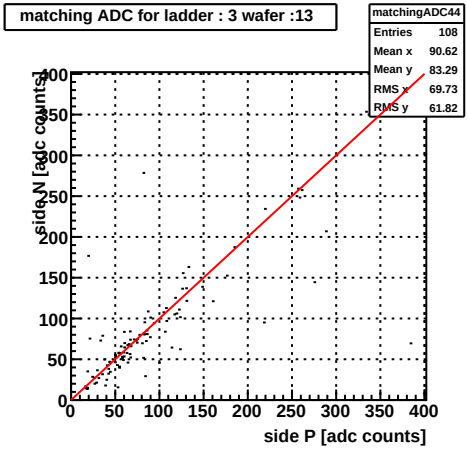

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 196
Mean x 77.13
Mean y 77.7
RMS x 59.65
RMS y 62.46
side N [adc counts]
side P [adc counts]

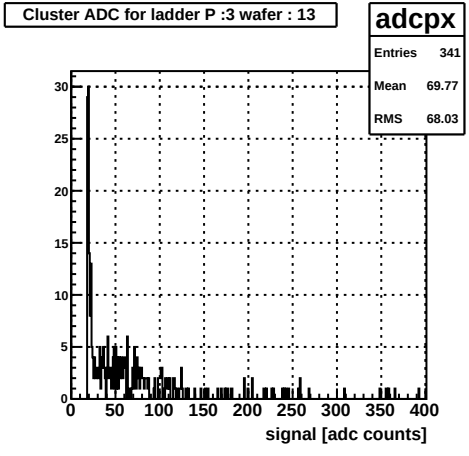

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 402
Mean 63.24
RMS 63.81
signal [adc counts]

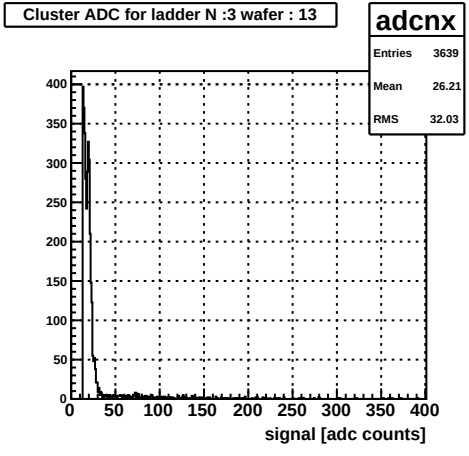

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3544
Mean 35.09
RMS 32.45
signal [adc counts]

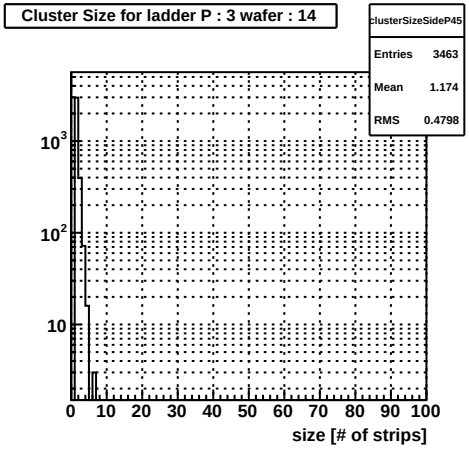

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 341
Mean 1.384
RMS 0.7157
size [# of strips]

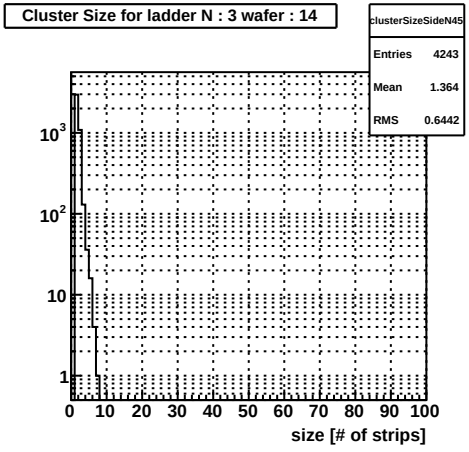

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3639
Mean 1.081
RMS 0.4013
size [# of strips]

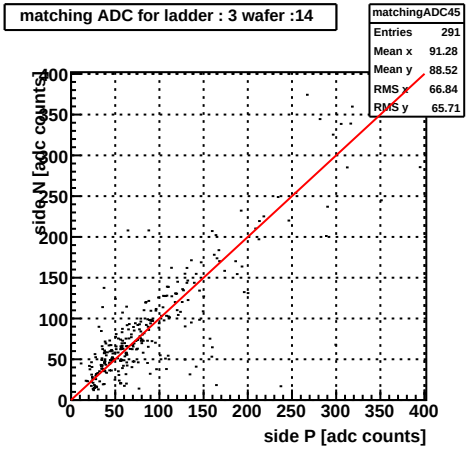

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 108
Mean x 90.62
Mean y 83.29
RMS x 69.73
RMS y 61.82
side N [adc counts]
side P [adc counts]

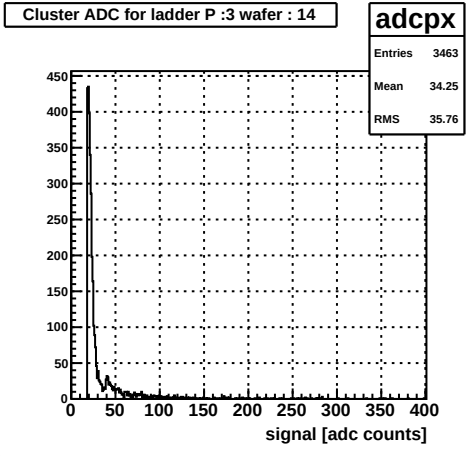

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 341
Mean 69.77
RMS 68.03
signal [adc counts]

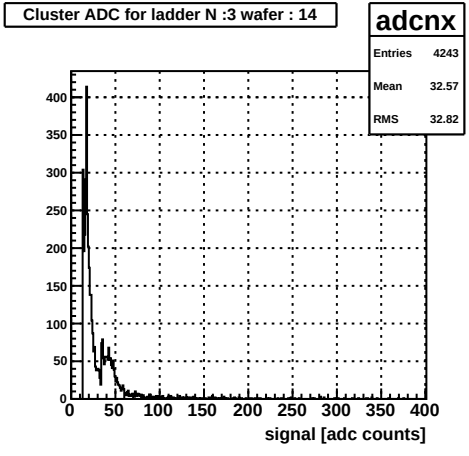

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3639
Mean 26.21
RMS 32.03
signal [adc counts]

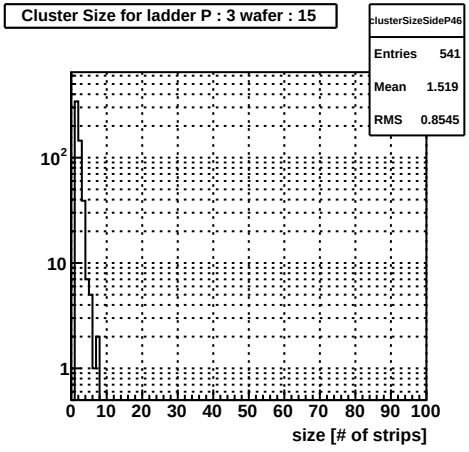

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3463
Mean 1.174
RMS 0.4798
size [# of strips]

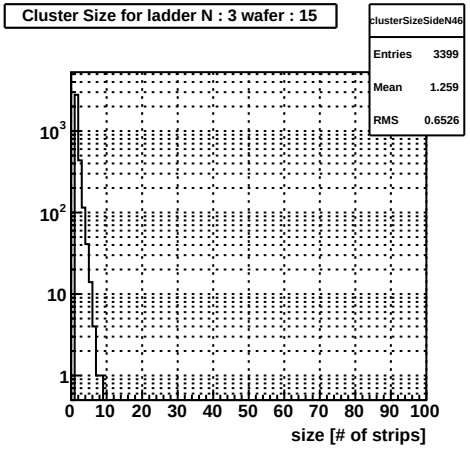

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 4243
Mean 1.364
RMS 0.6442
size [# of strips]

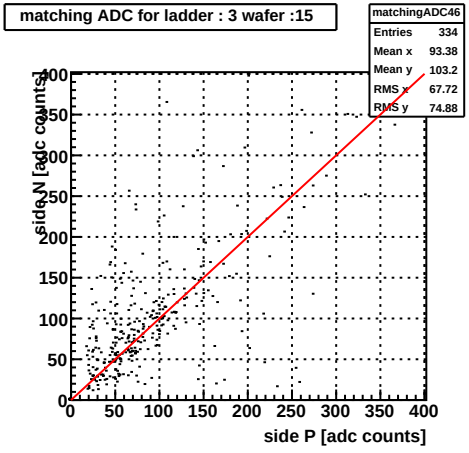

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 291
Mean x 91.28
Mean y 88.52
RMS x 66.84
RMS y 65.71
side N [adc counts]
side P [adc counts]

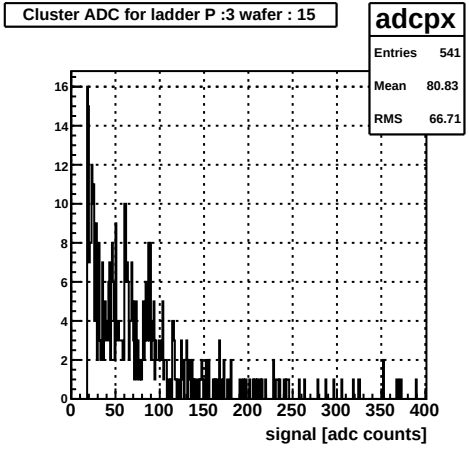

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3463
Mean 34.25
RMS 35.76
signal [adc counts]

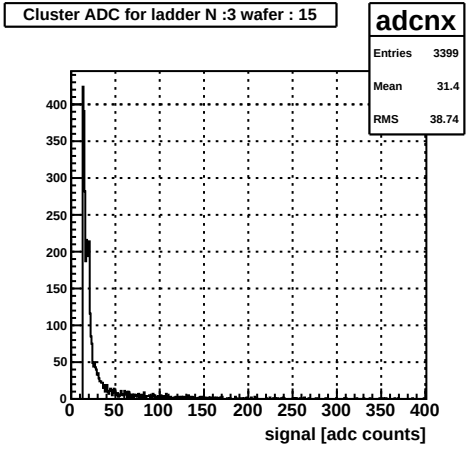

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 4243
Mean 32.57
RMS 32.82
signal [adc counts]

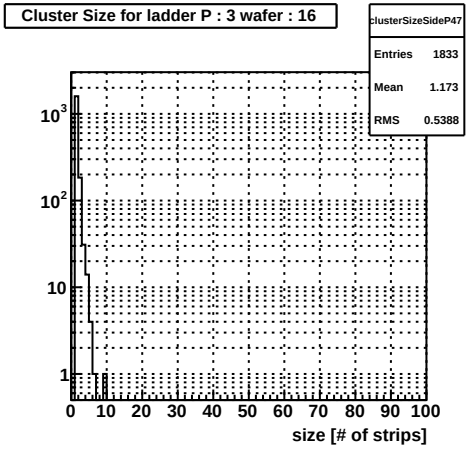

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 541
Mean 1.519
RMS 0.8545
size [# of strips]

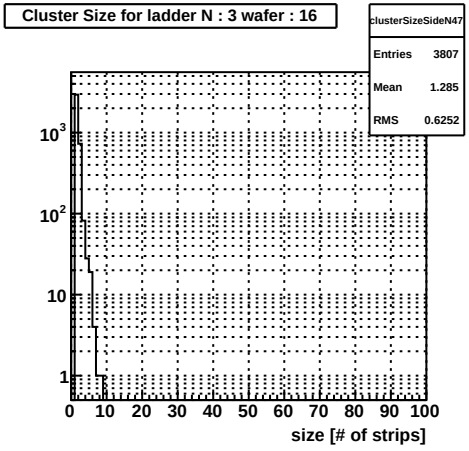

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3399
Mean 1.259
RMS 0.6526
size [# of strips]

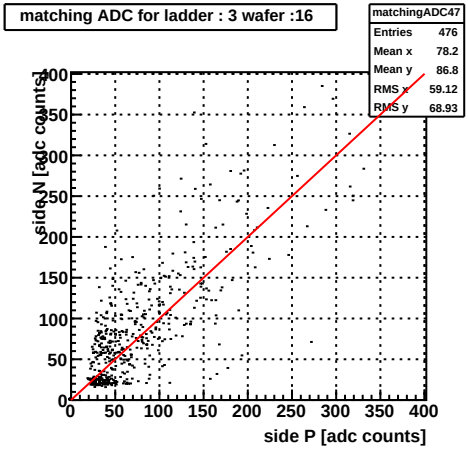

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 334
Mean x 93.38
Mean y 103.2
RMS x 67.72
RMS y 74.88
side N [adc counts]
side P [adc counts]

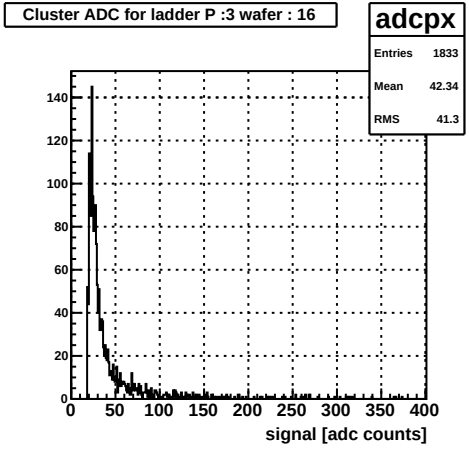

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 541
Mean 80.83
RMS 66.71
signal [adc counts]

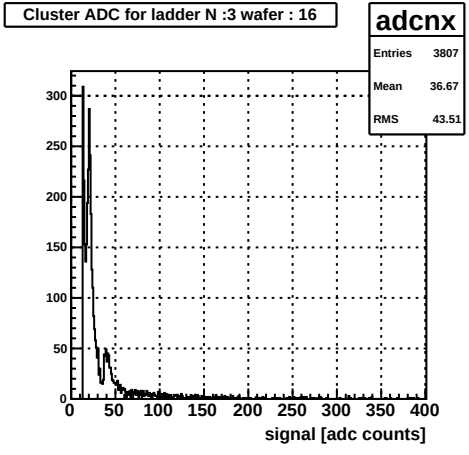

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3399
Mean 31.4
RMS 38.74
signal [adc counts]

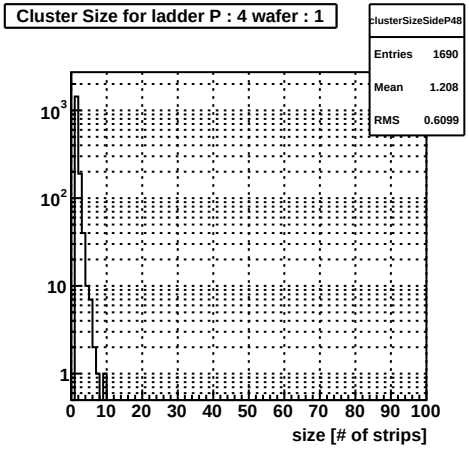

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1833
Mean 1.173
RMS 0.5388
size [# of strips]

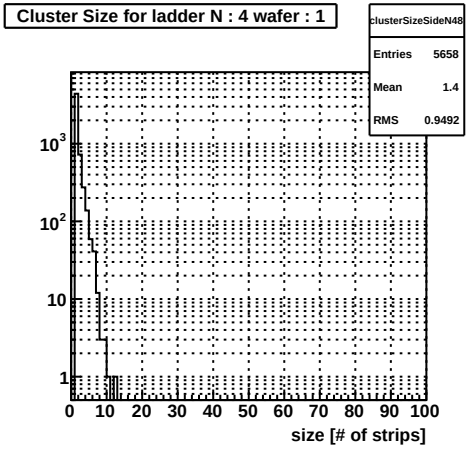

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3807
Mean 1.285
RMS 0.6252
size [# of strips]

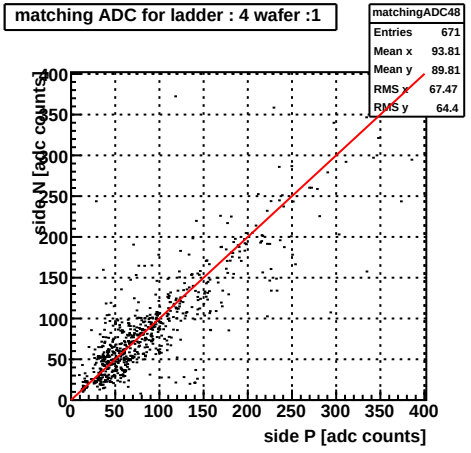

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 476
Mean x 78.2
Mean y 86.8
RMS x 59.12
RMS y 68.93
side N [adc counts]
side P [adc counts]

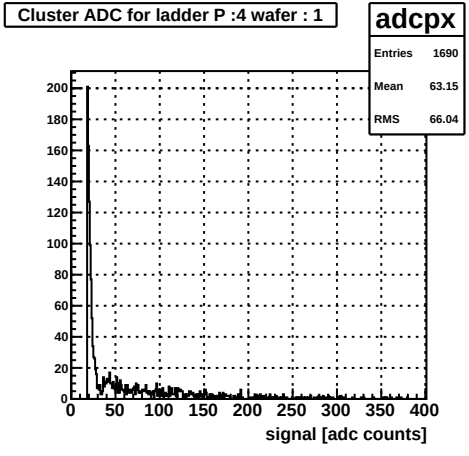

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1833
Mean 42.34
RMS 41.3
signal [adc counts]

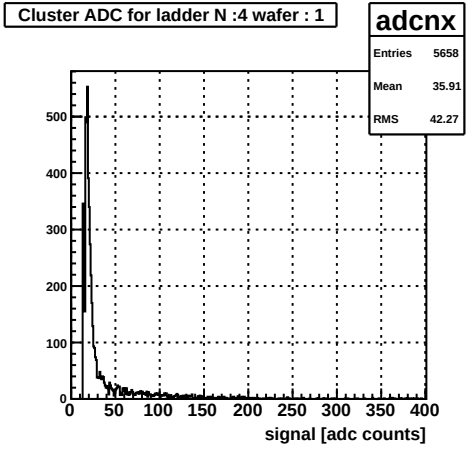

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3807
Mean 36.67
RMS 43.51
signal [adc counts]

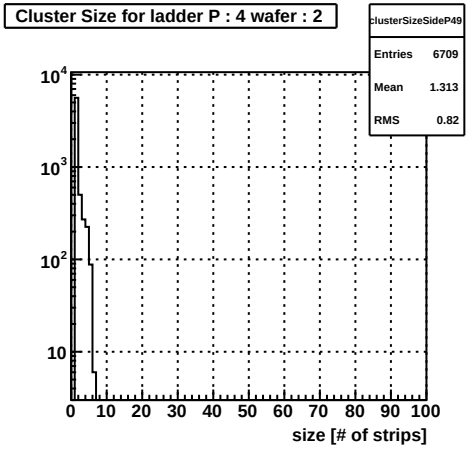

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1690
Mean 1.208
RMS 0.6099
size [# of strips]

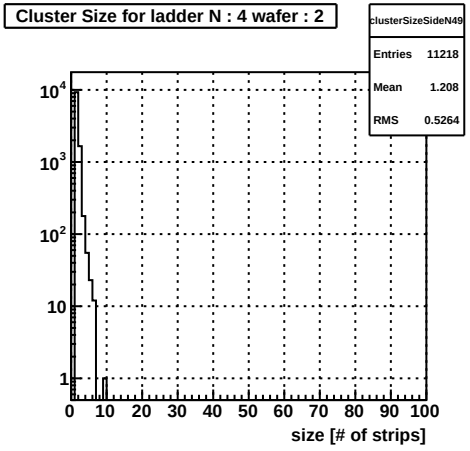

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5658
Mean 1.4
RMS 0.9492
size [# of strips]

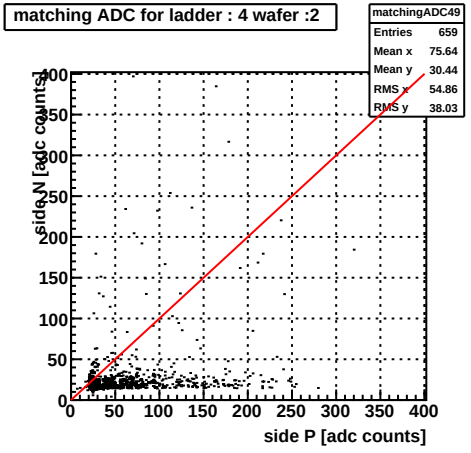

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 671
Mean x 93.81
Mean y 89.81
RMS x 67.47
RMS y 64.4
side N [adc counts]
side P [adc counts]

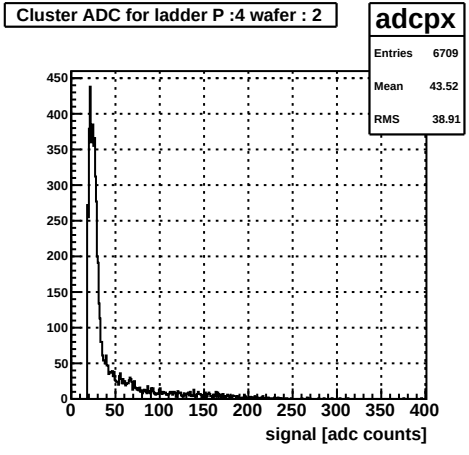

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1690
Mean 63.15
RMS 66.04
signal [adc counts]

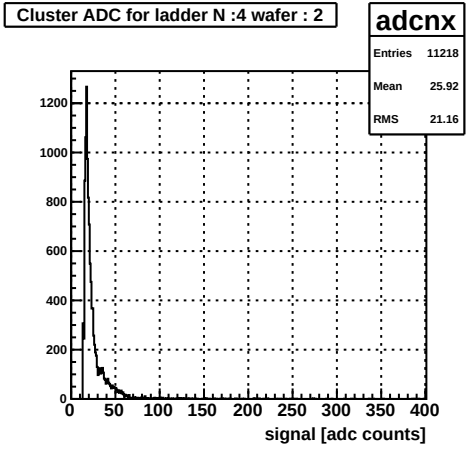

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5658
Mean 35.91
RMS 42.27
signal [adc counts]

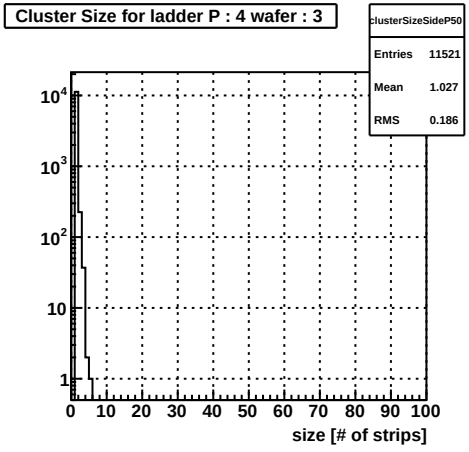

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6709
Mean 1.313
RMS 0.82
size [# of strips]

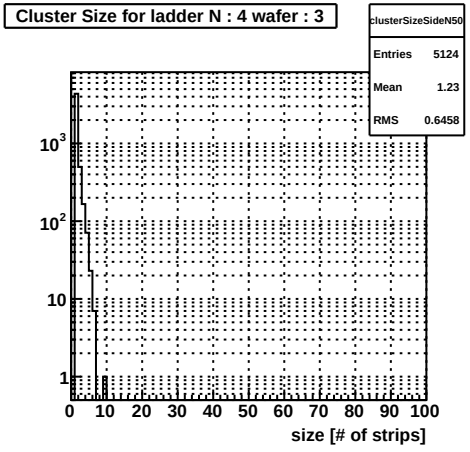

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 11218
Mean 1.208
RMS 0.5264
size [# of strips]

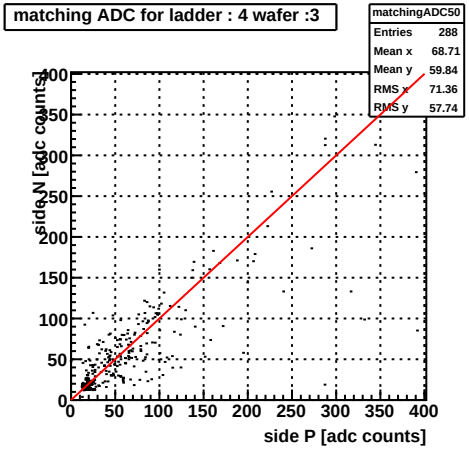

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 659
Mean x 75.64
Mean y 30.44
RMS x 54.86
RMS y 38.03
side N [adc counts]
side P [adc counts]

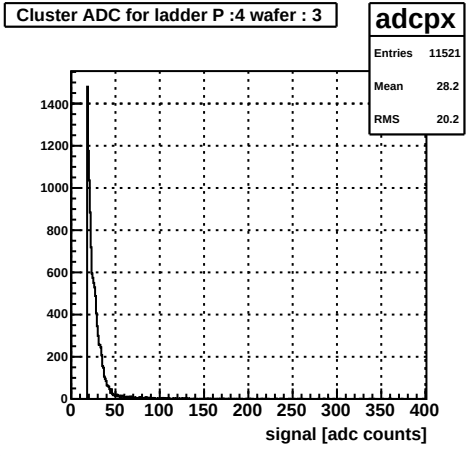

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6709
Mean 43.52
RMS 38.91
signal [adc counts]

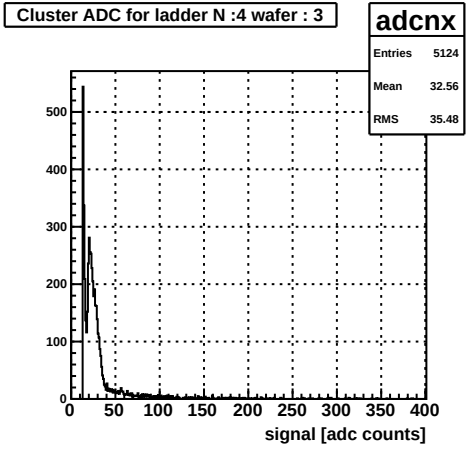

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 11218
Mean 25.92
RMS 21.16
signal [adc counts]

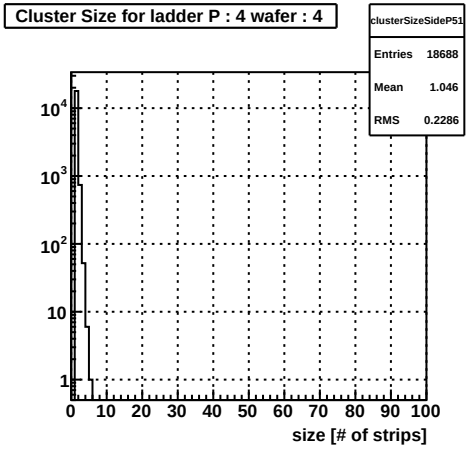

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 11521
Mean 1.027
RMS 0.186
size [# of strips]

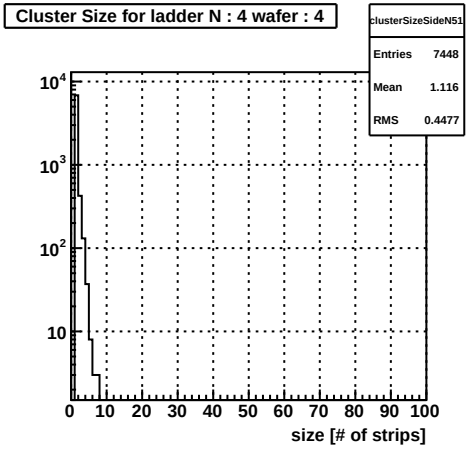

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5124
Mean 1.23
RMS 0.6458
size [# of strips]

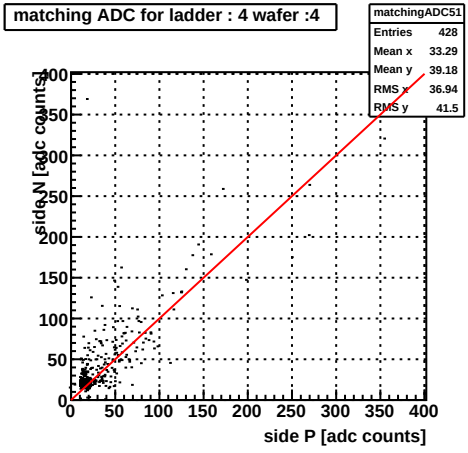

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 288
Mean x 68.71
Mean y 59.84
RMS x 71.36
RMS y 57.74
side N [adc counts]
side P [adc counts]

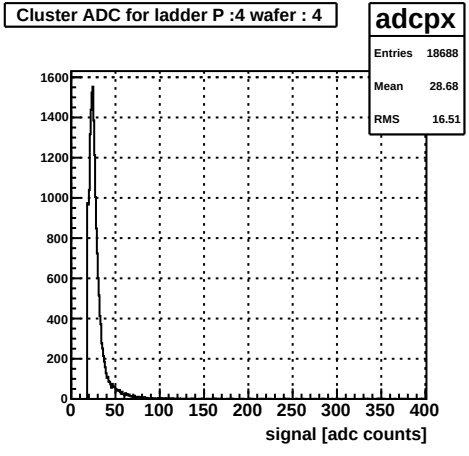

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 11521
Mean 28.2
RMS 20.2
signal [adc counts]

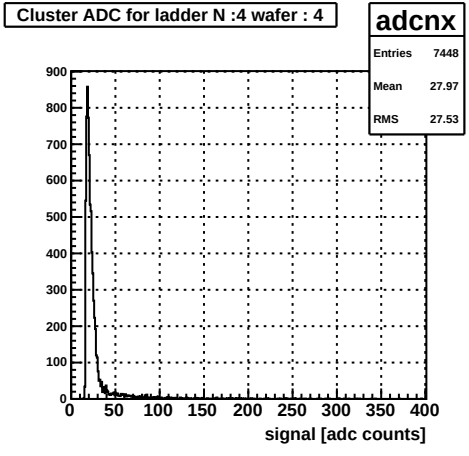

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5124
Mean 32.56
RMS 35.48
signal [adc counts]

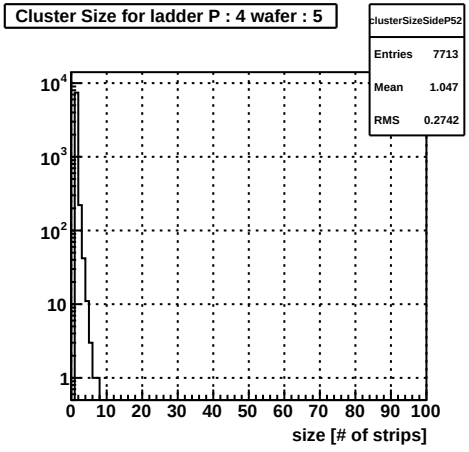

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18688
Mean 1.046
RMS 0.2286
size [# of strips]

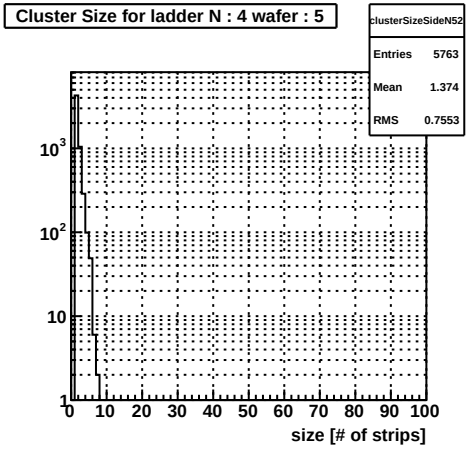

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7448
Mean 1.116
RMS 0.4477
size [# of strips]

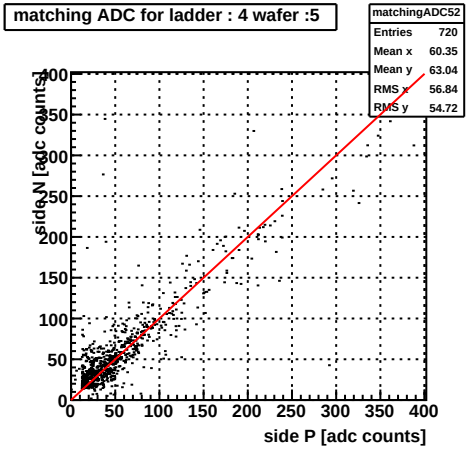

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 428
Mean x 33.29
Mean y 39.18
RMS x 36.94
RMS y 41.5
side N [adc counts]
side P [adc counts]

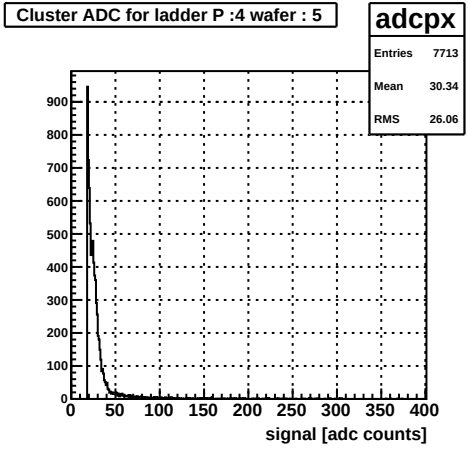

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18688
Mean 28.68
RMS 16.51
signal [adc counts]

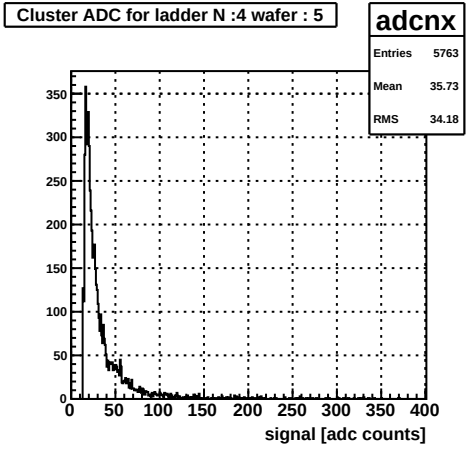

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7448
Mean 27.97
RMS 27.53
signal [adc counts]

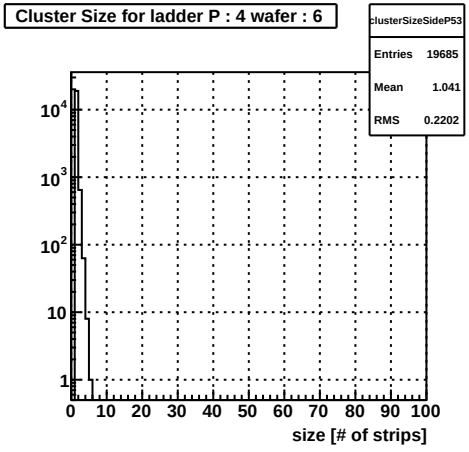

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7713
Mean 1.047
RMS 0.2742
size [# of strips]

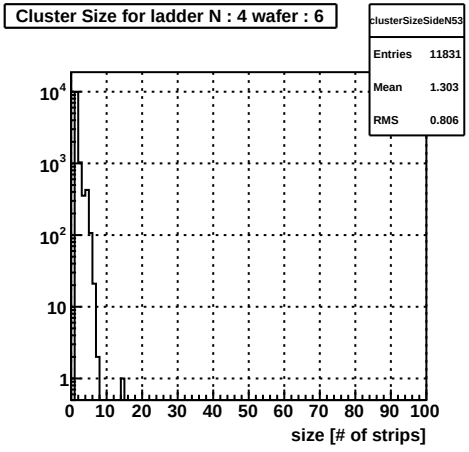

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5763
Mean 1.374
RMS 0.7553
size [# of strips]

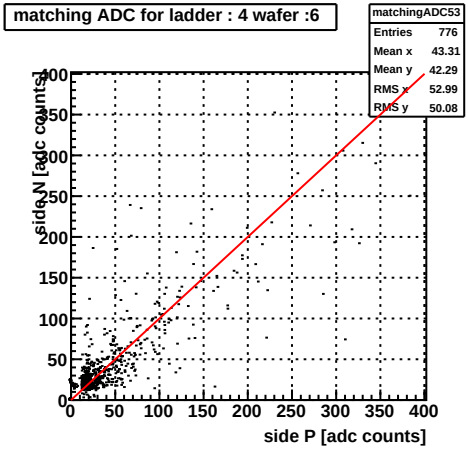

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 720
Mean x 60.35
Mean y 63.04
RMS x 56.84
RMS y 54.72
side N [adc counts]
side P [adc counts]

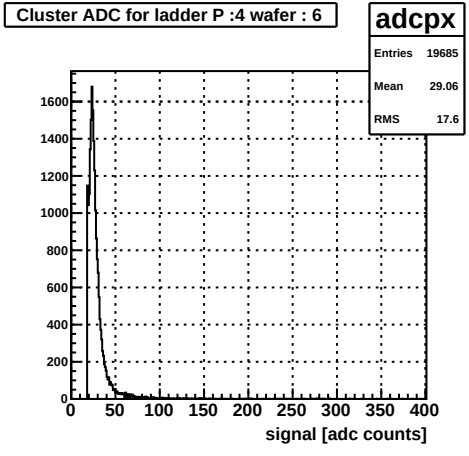

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7713
Mean 30.34
RMS 26.06
signal [adc counts]

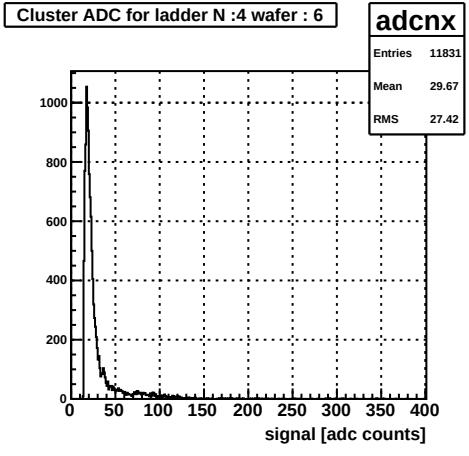

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5763
Mean 35.73
RMS 34.18
signal [adc counts]

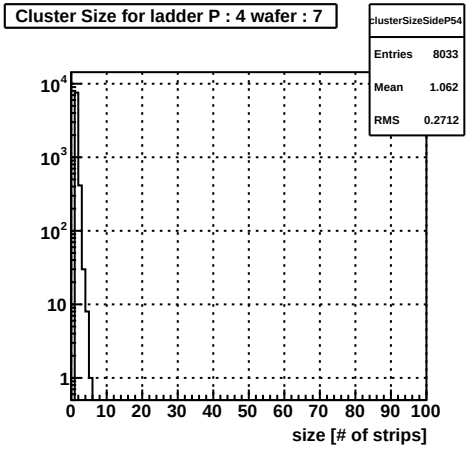

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 19685
Mean 1.041
RMS 0.2202
size [# of strips]

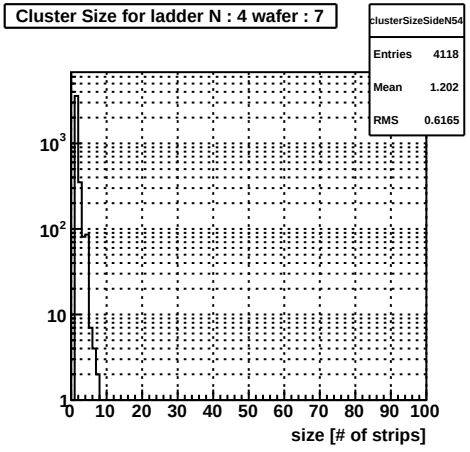

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 11831
Mean 1.303
RMS 0.806
size [# of strips]

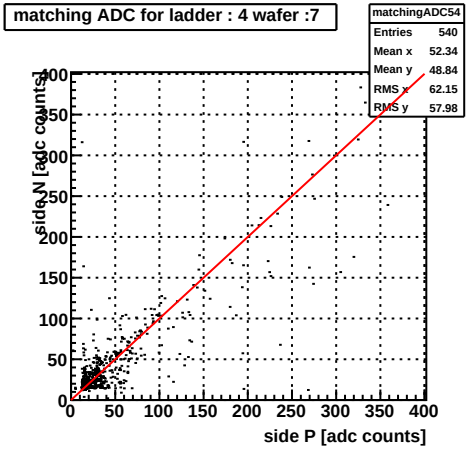

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 776
Mean x 43.31
Mean y 42.29
RMS x 52.99
RMS y 50.08
side N [adc counts]
side P [adc counts]

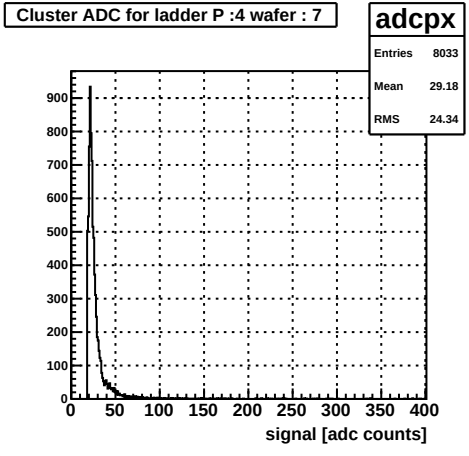

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 19685
Mean 29.06
RMS 17.6
signal [adc counts]

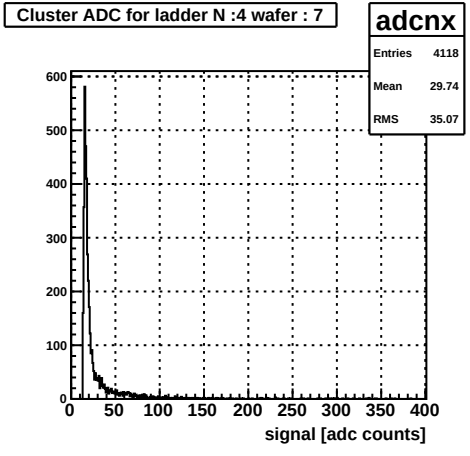

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 11831
Mean 29.67
RMS 27.42
signal [adc counts]

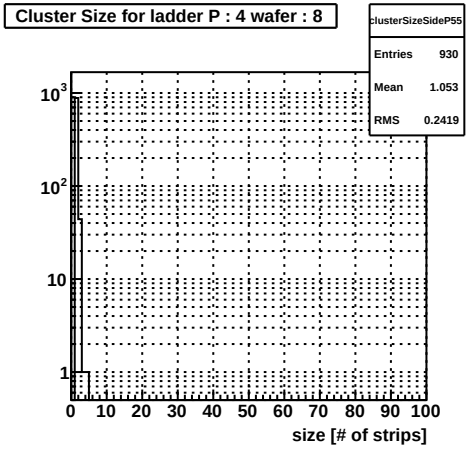

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8033
Mean 1.062
RMS 0.2712
size [# of strips]

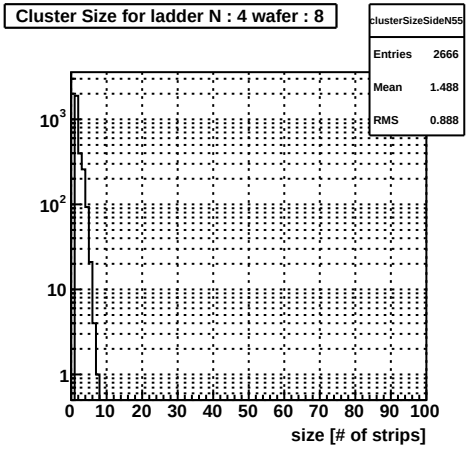

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4118
Mean 1.202
RMS 0.6165
size [# of strips]

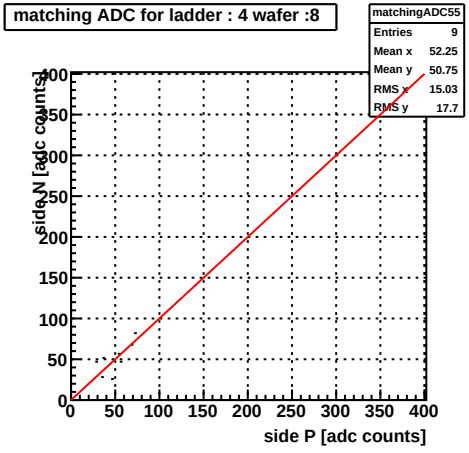

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 540
Mean x 52.34
Mean y 48.84
RMS x 62.15
RMS y 57.98
side N [adc counts]
side P [adc counts]

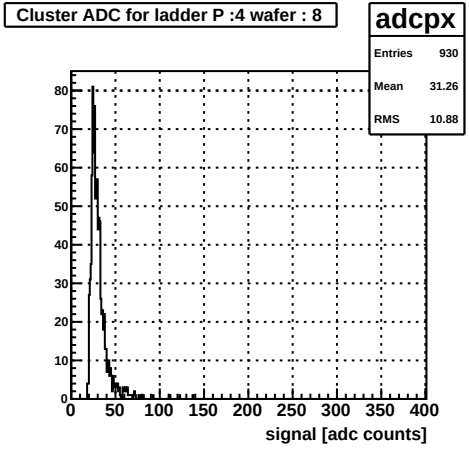

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8033
Mean 29.18
RMS 24.34
signal [adc counts]

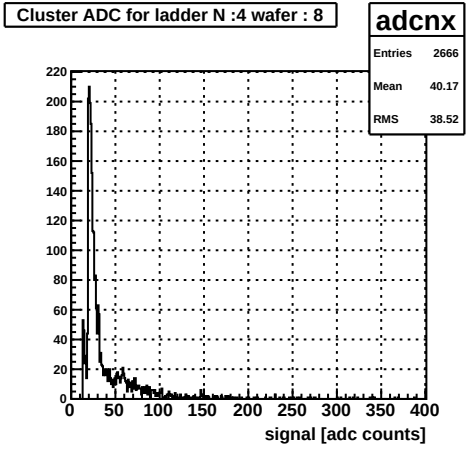

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4118
Mean 29.74
RMS 35.07
signal [adc counts]

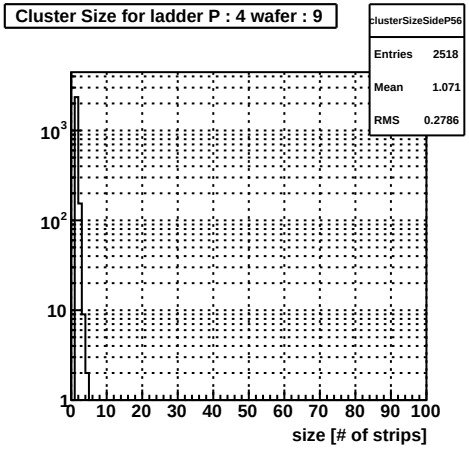

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 930
Mean 1.053
RMS 0.2419
size [# of strips]

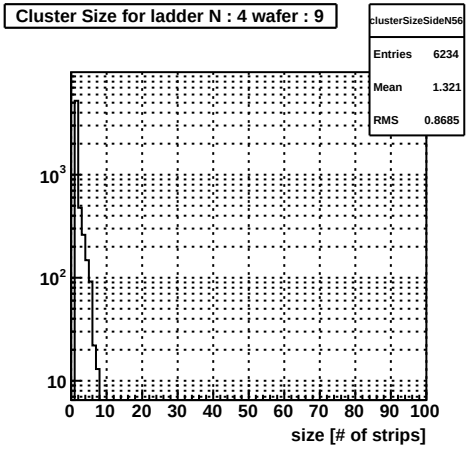

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2666
Mean 1.488
RMS 0.888
size [# of strips]

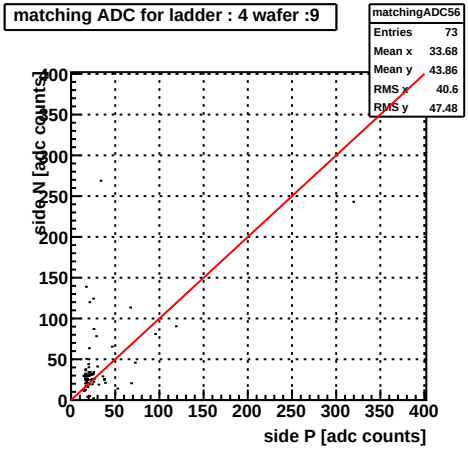

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 9
Mean x 52.25
Mean y 50.75
RMS x 15.03
RMS y 17.7
side N [adc counts]
side P [adc counts]

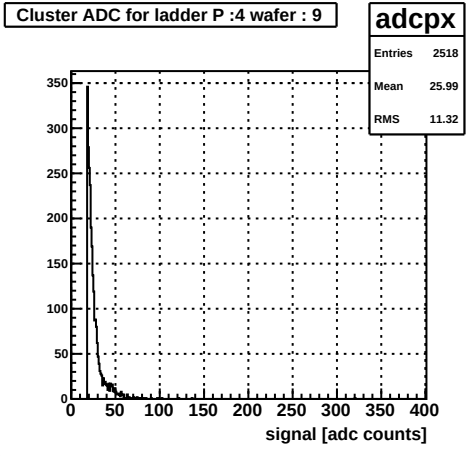

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 930
Mean 31.26
RMS 10.88
signal [adc counts]

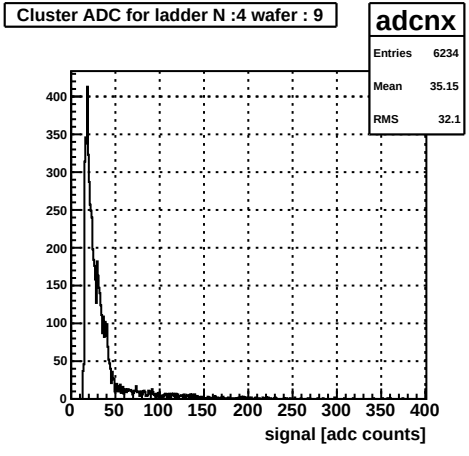

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2666
Mean 40.17
RMS 38.52
signal [adc counts]

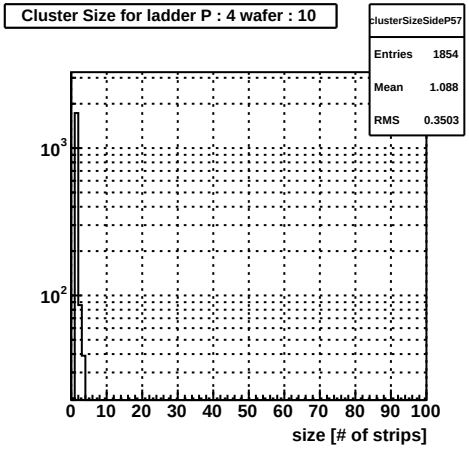

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2518
Mean 1.071
RMS 0.2786
size [# of strips]

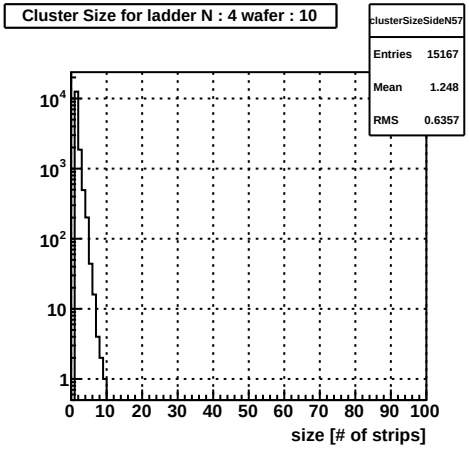

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 6234
Mean 1.321
RMS 0.8685
size [# of strips]

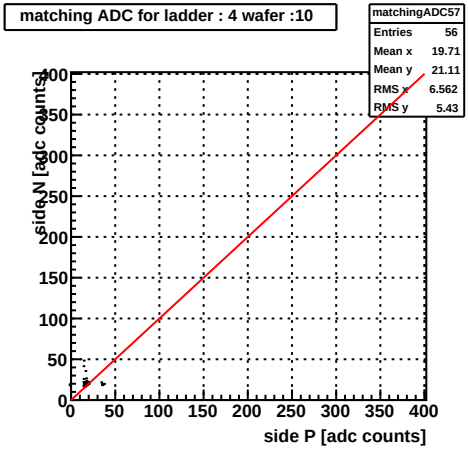

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 73
Mean x 33.68
Mean y 43.86
RMS x 40.6
RMS y 47.48
side N [adc counts]
side P [adc counts]

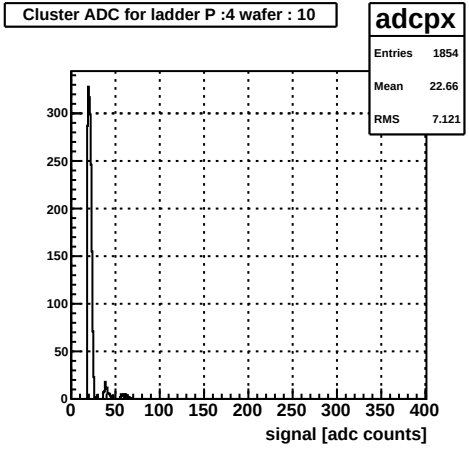

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2518
Mean 25.99
RMS 11.32
signal [adc counts]

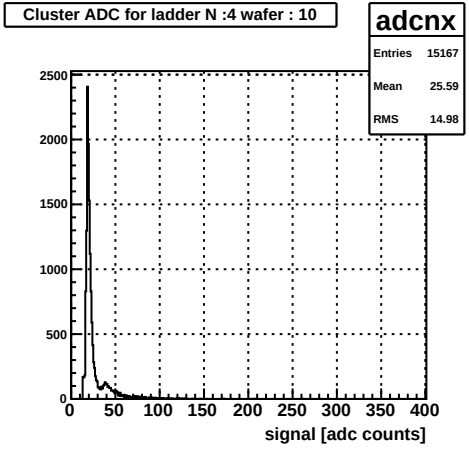

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 6234
Mean 35.15
RMS 32.1
signal [adc counts]

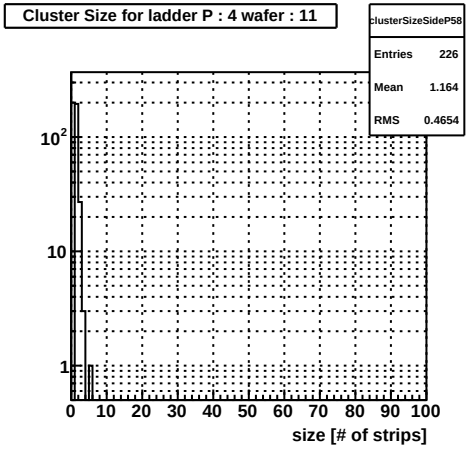

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1854
Mean 1.088
RMS 0.3503
size [# of strips]

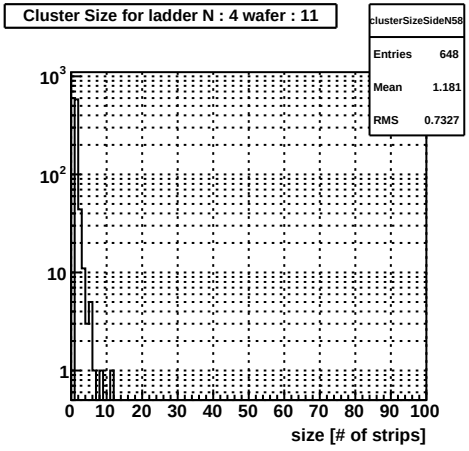

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15167
Mean 1.248
RMS 0.6357
size [# of strips]

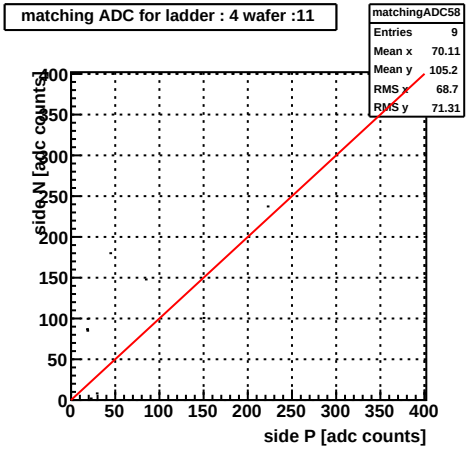

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 56
Mean x 19.71
Mean y 21.11
RMS x 6.562
RMS y 5.43
side N [adc counts]
side P [adc counts]

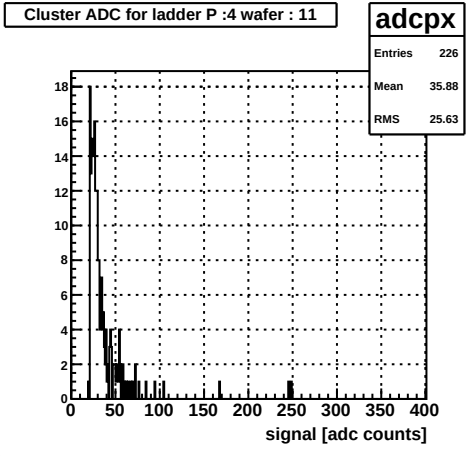

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1854
Mean 22.66
RMS 7.121
signal [adc counts]

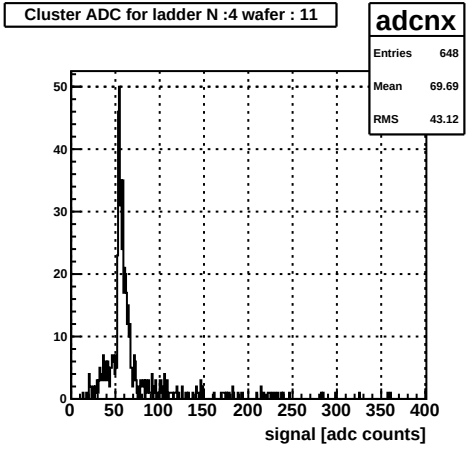

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15167
Mean 25.59
RMS 14.98
signal [adc counts]

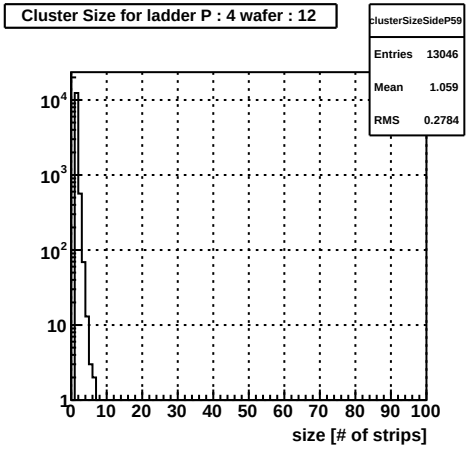

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 226
Mean 1.164
RMS 0.4654
size [# of strips]

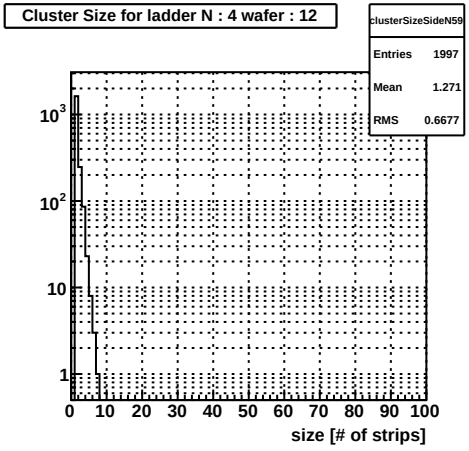

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 648
Mean 1.181
RMS 0.7327
size [# of strips]

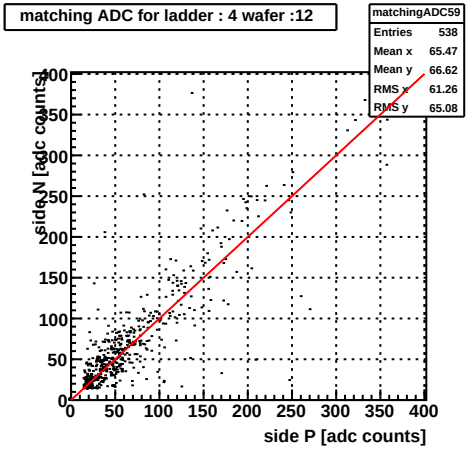

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 9
Mean x 70.11
Mean y 105.2
RMS x 68.7
RMS y 71.31
side N [adc counts]
side P [adc counts]

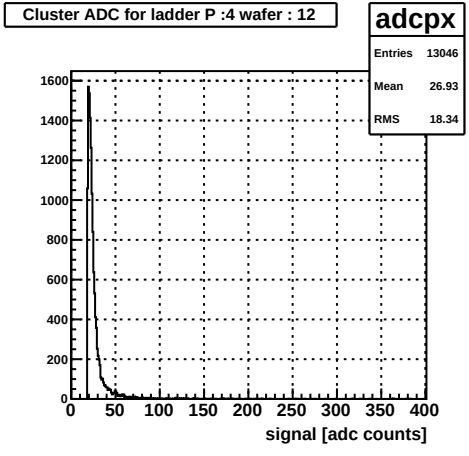

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 226
Mean 35.88
RMS 25.63
signal [adc counts]

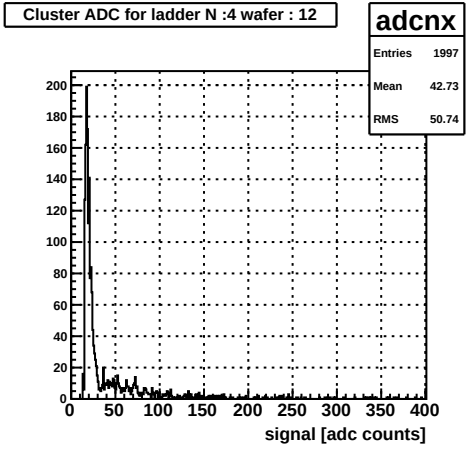

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 648
Mean 69.69
RMS 43.12
signal [adc counts]

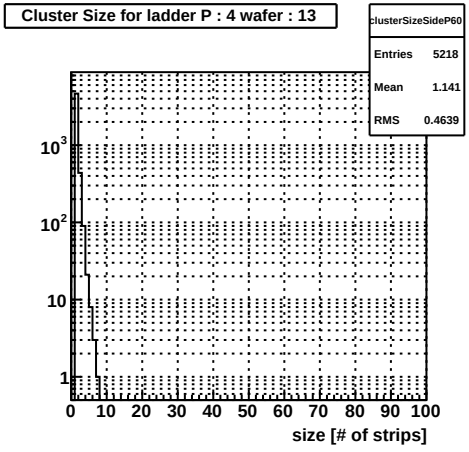

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 13046
Mean 1.059
RMS 0.2784
size [# of strips]

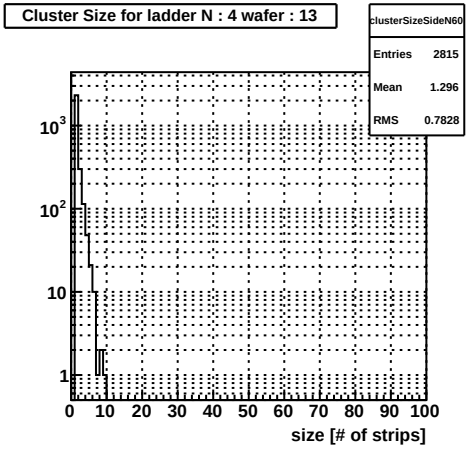

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1997
Mean 1.271
RMS 0.6677
size [# of strips]

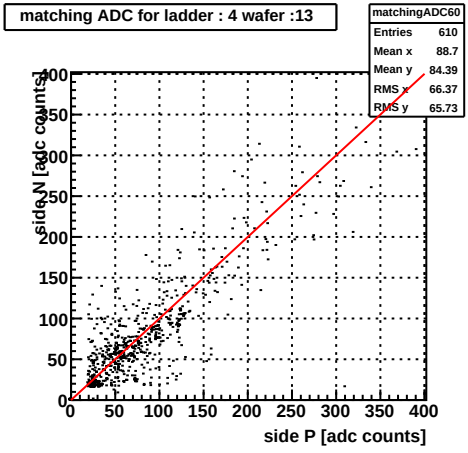

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 538
Mean x 65.47
Mean y 66.62
RMS x 61.26
RMS y 65.08
side N [adc counts]
side P [adc counts]

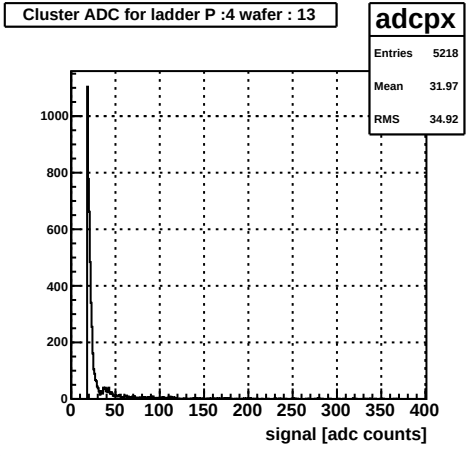

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 13046
Mean 26.93
RMS 18.34
signal [adc counts]

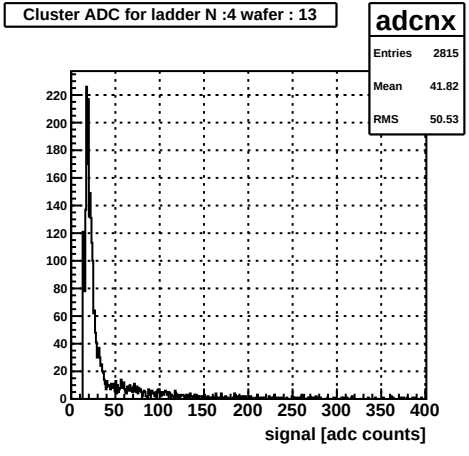

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1997
Mean 42.73
RMS 50.74
signal [adc counts]

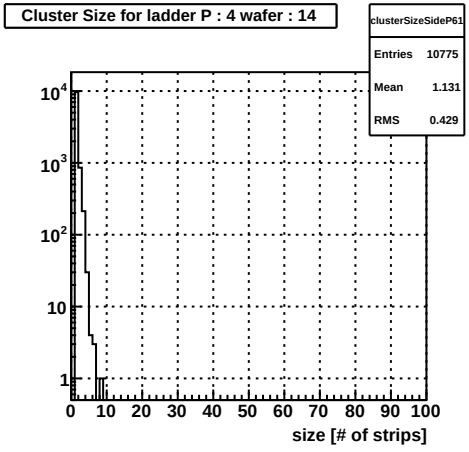

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5218
Mean 1.141
RMS 0.4639
size [# of strips]

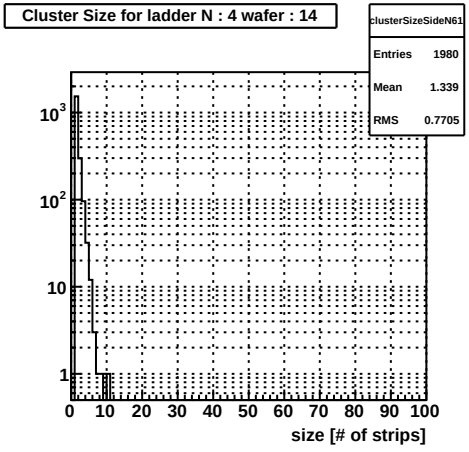

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2815
Mean 1.296
RMS 0.7828
size [# of strips]

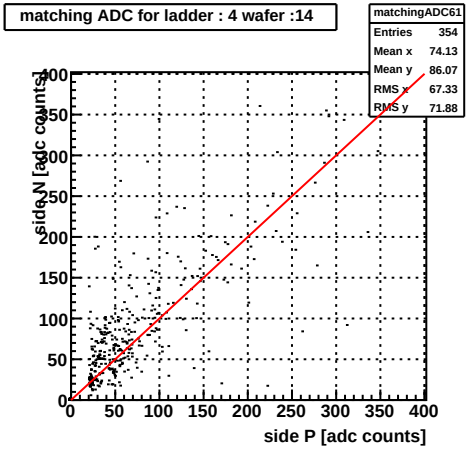

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 610
Mean x 88.7
Mean y 84.39
RMS x 66.37
RMS y 65.73
side N [adc counts]
side P [adc counts]

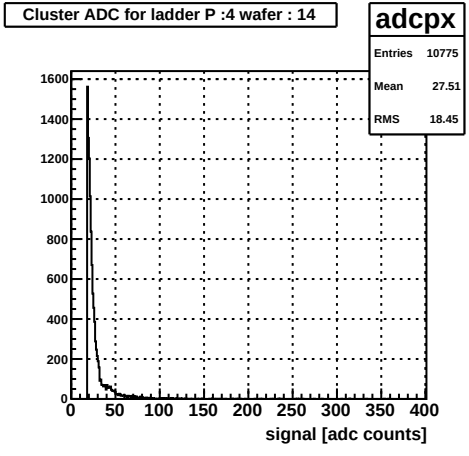

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5218
Mean 31.97
RMS 34.92
signal [adc counts]

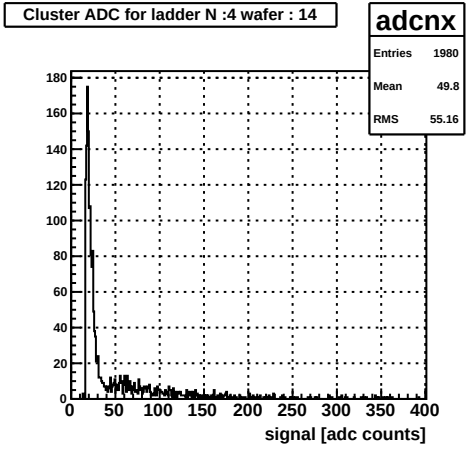

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2815
Mean 41.82
RMS 50.53
signal [adc counts]

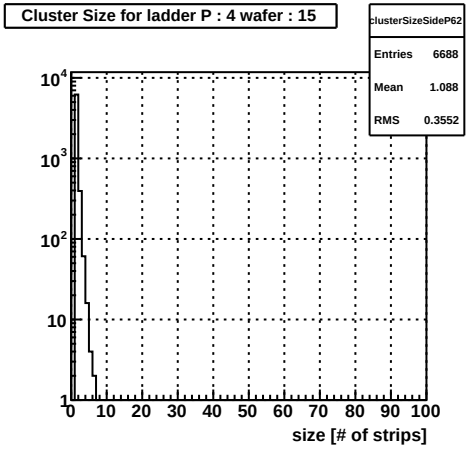

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10775
Mean 1.131
RMS 0.429
size [# of strips]

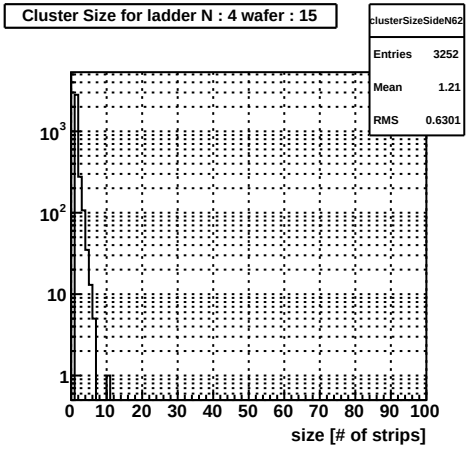

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1980
Mean 1.339
RMS 0.7705
size [# of strips]

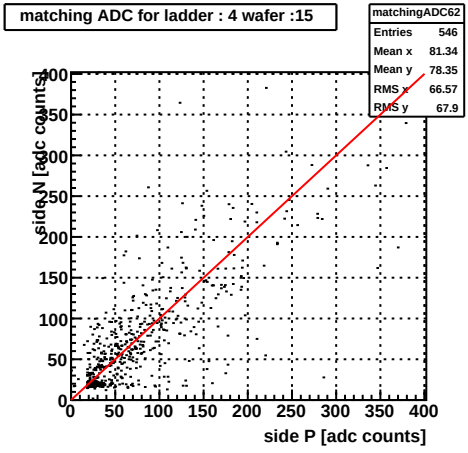

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 354
Mean x 74.13
Mean y 86.07
RMS x 67.33
RMS y 71.88
side N [adc counts]
side P [adc counts]

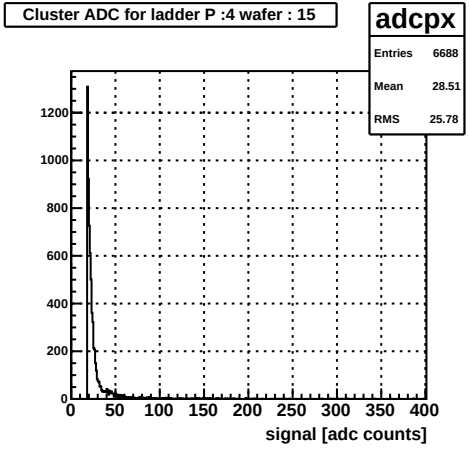

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10775
Mean 27.51
RMS 18.45
signal [adc counts]

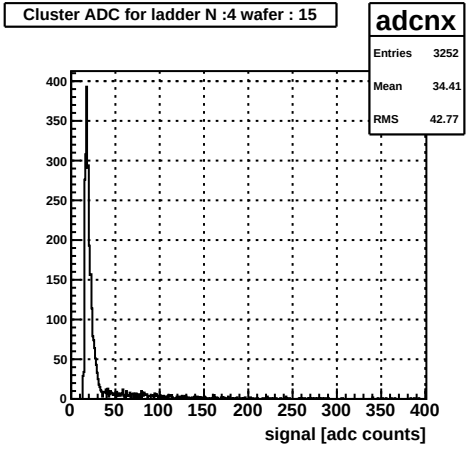

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1980
Mean 49.8
RMS 55.16
signal [adc counts]

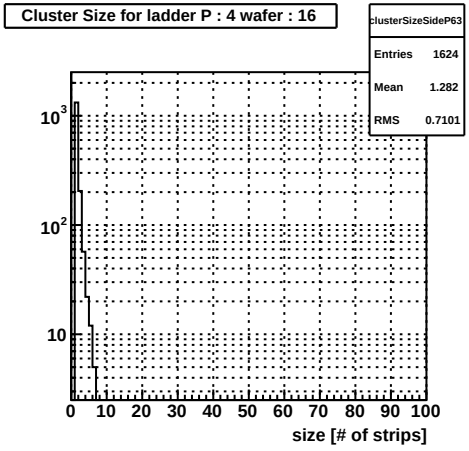

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6688
Mean 1.088
RMS 0.3552
size [# of strips]

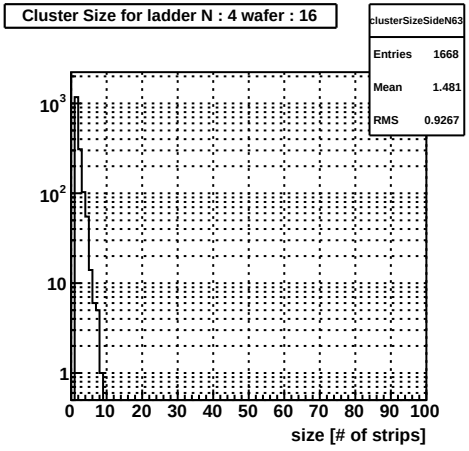

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3252
Mean 1.21
RMS 0.6301
size [# of strips]

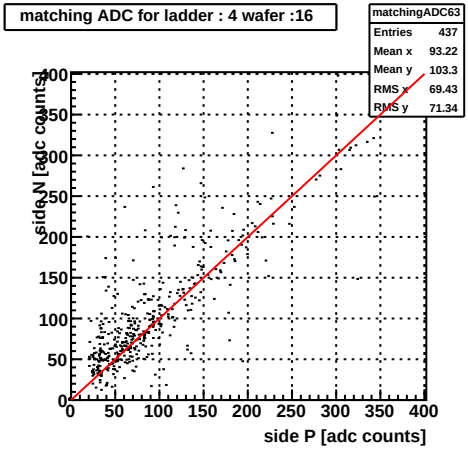

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 546
Mean x 81.34
Mean y 78.35
RMS x 66.57
RMS y 67.9
side N [adc counts]
side P [adc counts]

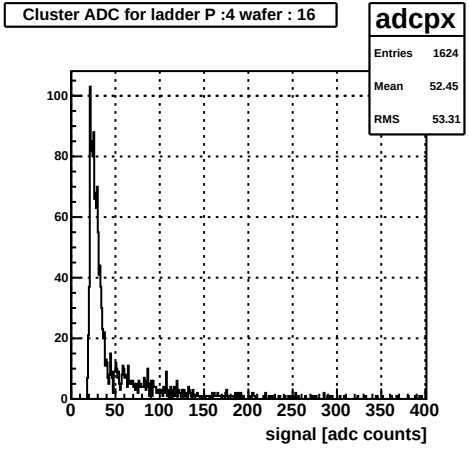

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6688
Mean 28.51
RMS 25.78
signal [adc counts]

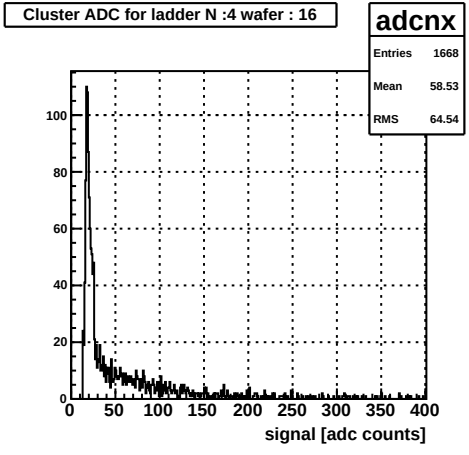

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3252
Mean 34.41
RMS 42.77
signal [adc counts]

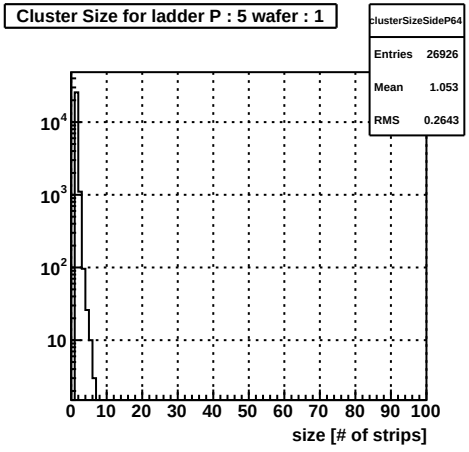

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1624
Mean 1.282
RMS 0.7101
size [# of strips]

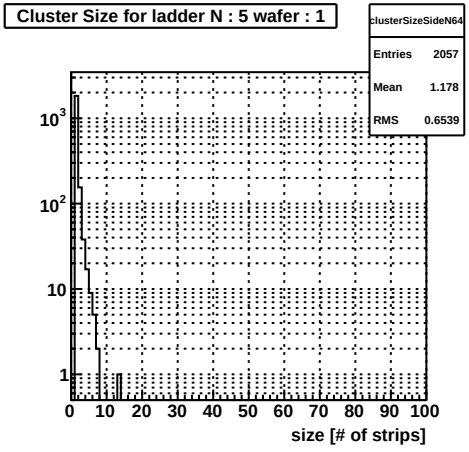

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1668
Mean 1.481
RMS 0.9267
size [# of strips]

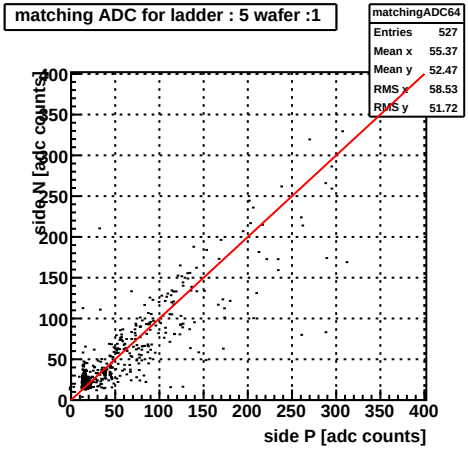

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 437
Mean x 93.22
Mean y 103.3
RMS x 69.43
RMS y 71.34
side N [adc counts]
side P [adc counts]

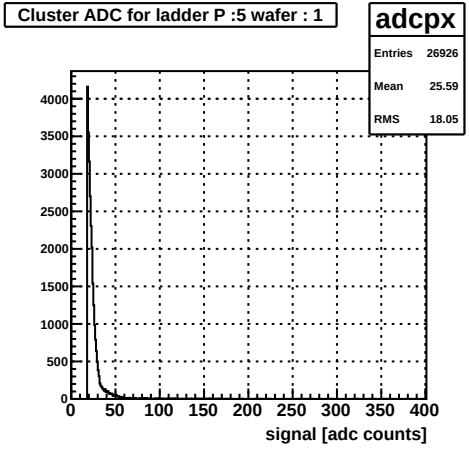

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1624
Mean 52.45
RMS 53.31
signal [adc counts]

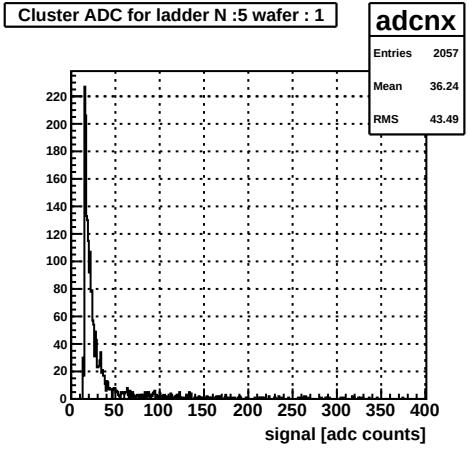

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1668
Mean 58.53
RMS 64.54
signal [adc counts]

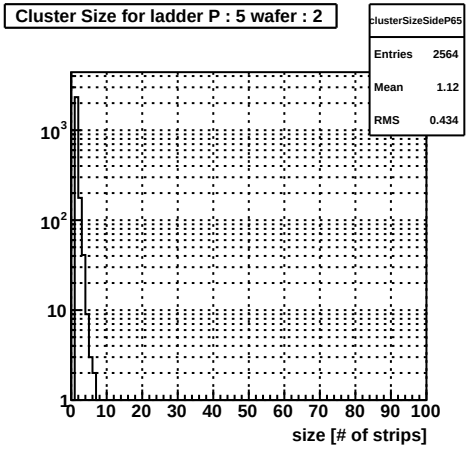

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 26926
Mean 1.053
RMS 0.2643
size [# of strips]

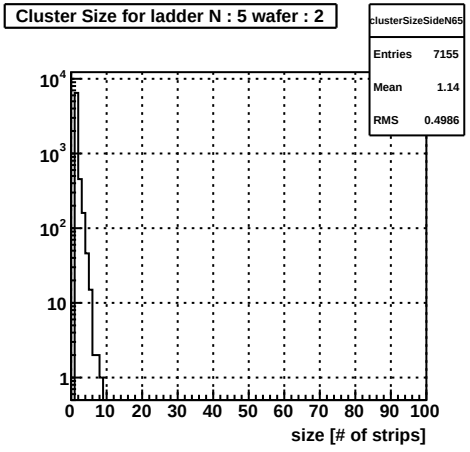

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2057
Mean 1.178
RMS 0.6539
size [# of strips]

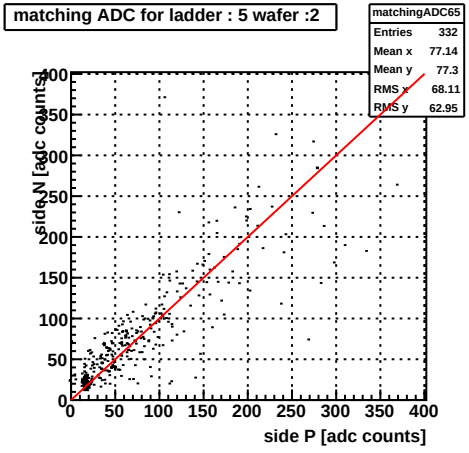

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 527
Mean x 55.37
Mean y 52.47
RMS x 58.53
RMS y 51.72
side N [adc counts]
side P [adc counts]

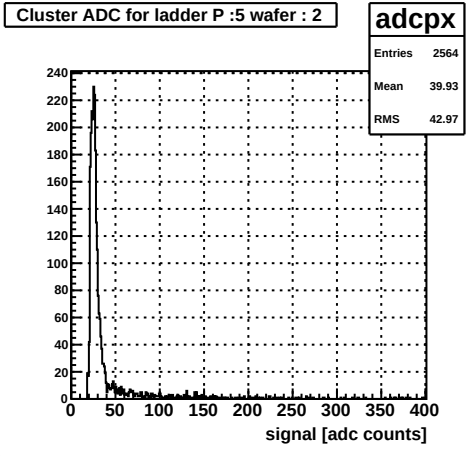

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 26926
Mean 25.59
RMS 18.05
signal [adc counts]

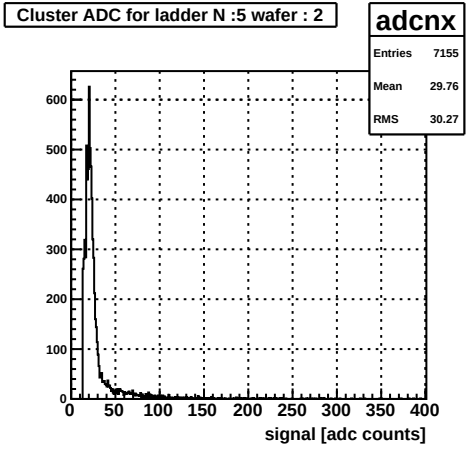

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2057
Mean 36.24
RMS 43.49
signal [adc counts]

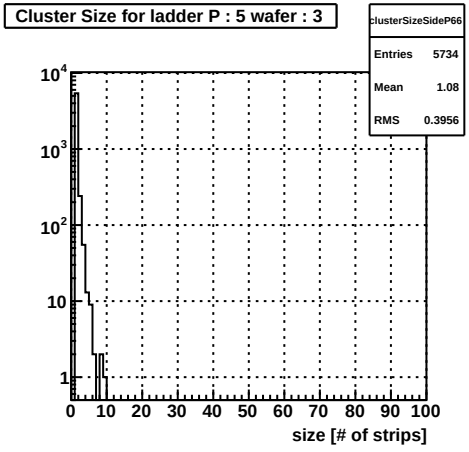

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2564
Mean 1.12
RMS 0.434
size [# of strips]

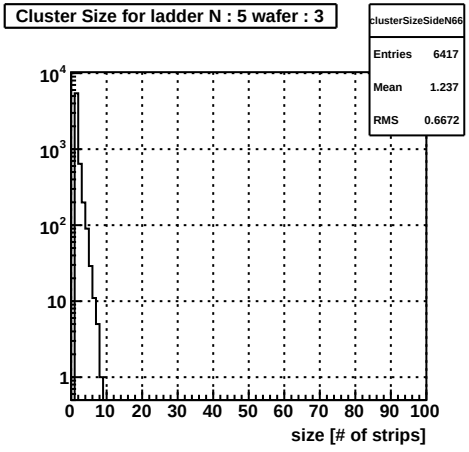

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7155
Mean 1.14
RMS 0.4986
size [# of strips]

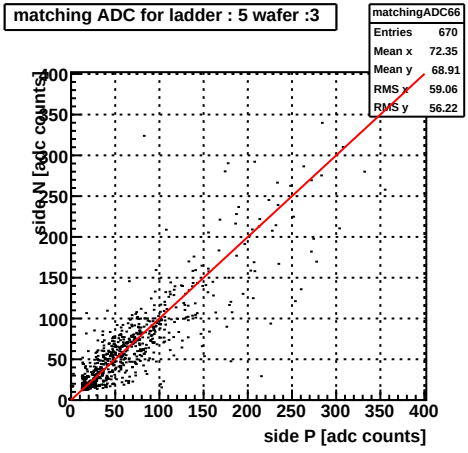

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 332
Mean x 77.14
Mean y 77.3
RMS x 68.11
RMS y 62.95
side N [adc counts]
side P [adc counts]

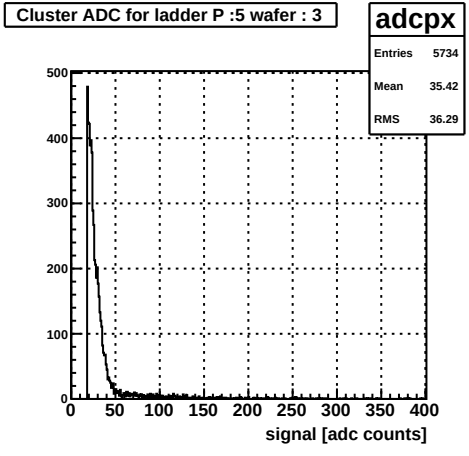

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2564
Mean 39.93
RMS 42.97
signal [adc counts]

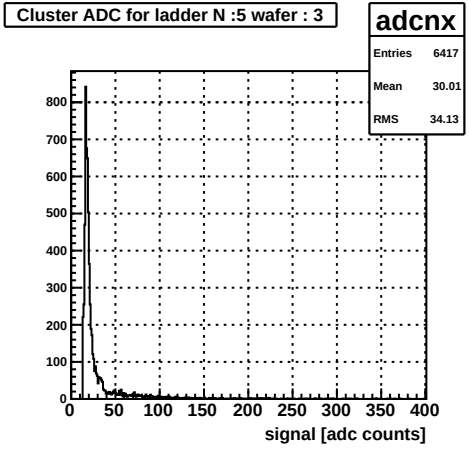

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7155
Mean 29.76
RMS 30.27
signal [adc counts]

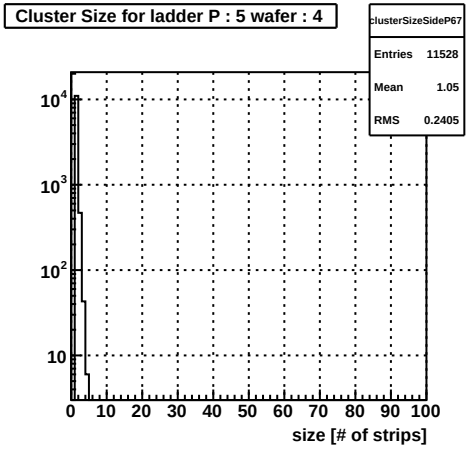

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5734
Mean 1.08
RMS 0.3956
size [# of strips]

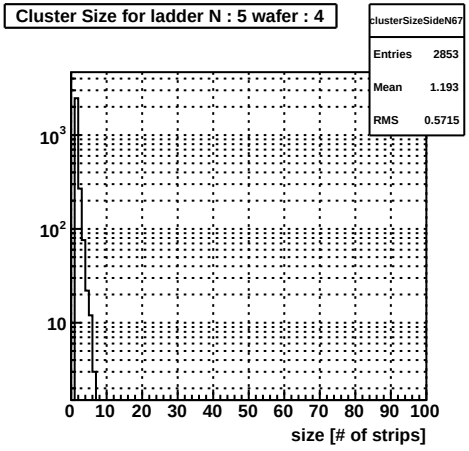

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6417
Mean 1.237
RMS 0.6672
size [# of strips]

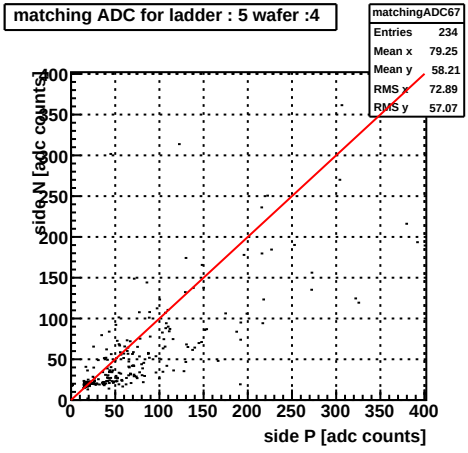

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 670
Mean x 72.35
Mean y 68.91
RMS x 59.06
RMS y 56.22
side N [adc counts]
side P [adc counts]

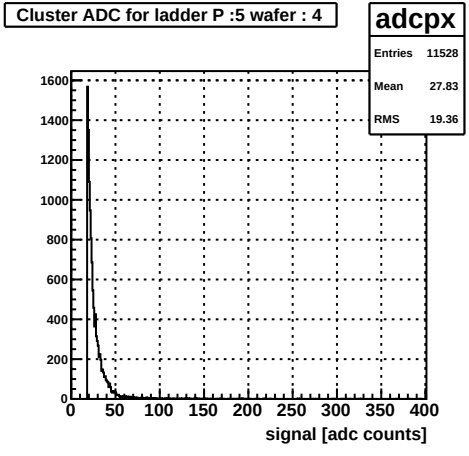

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5734
Mean 35.42
RMS 36.29
signal [adc counts]

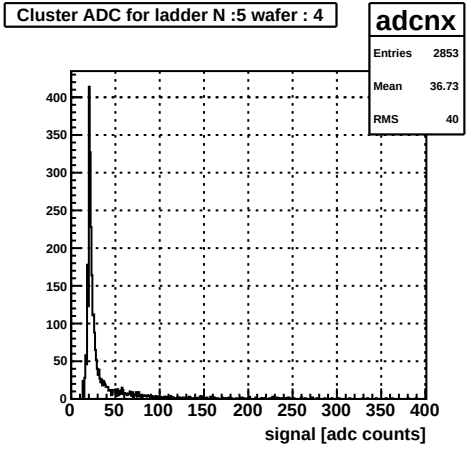

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6417
Mean 30.01
RMS 34.13
signal [adc counts]

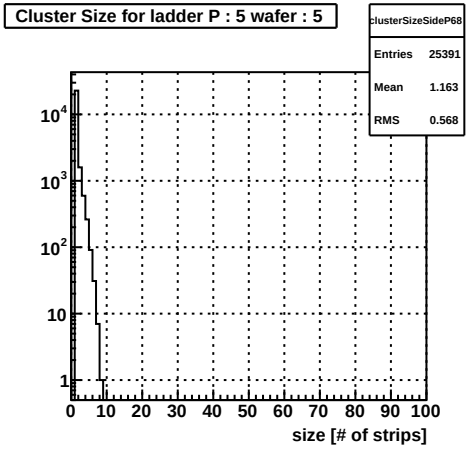

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11528
Mean 1.05
RMS 0.2405
size [# of strips]

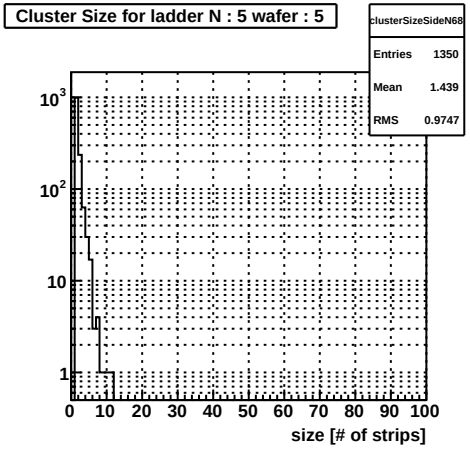

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2853
Mean 1.193
RMS 0.5715
size [# of strips]

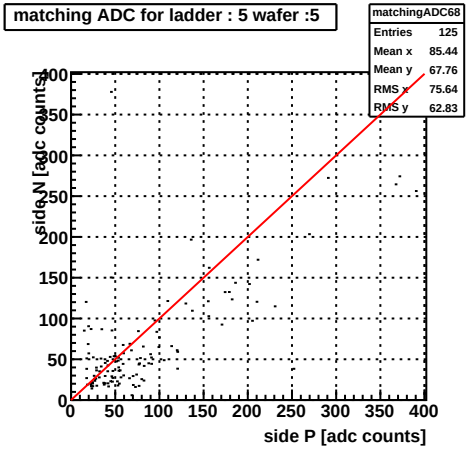

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 234
Mean x 79.25
Mean y 58.21
RMS x 72.89
RMS y 57.07
side N [adc counts]
side P [adc counts]

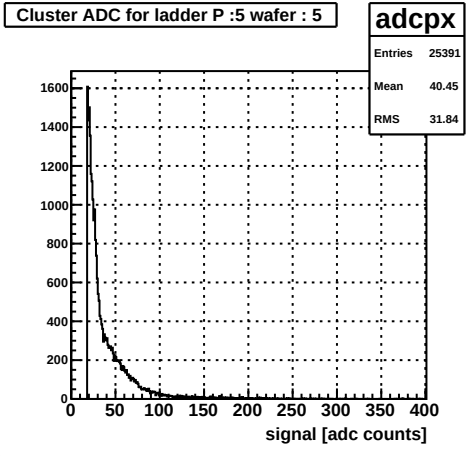

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11528
Mean 27.83
RMS 19.36
signal [adc counts]

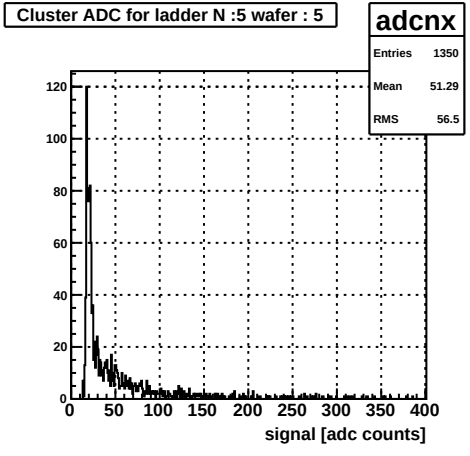

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2853
Mean 36.73
RMS 40
signal [adc counts]

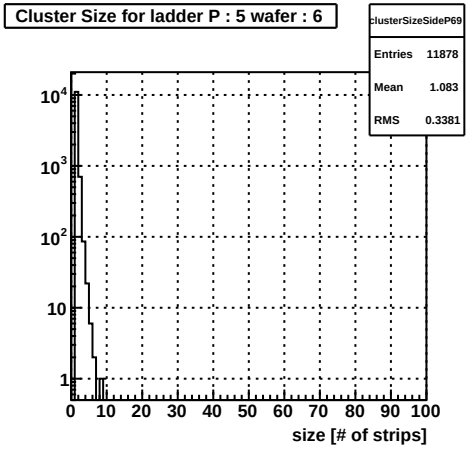

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 25391
Mean 1.163
RMS 0.568
size [# of strips]

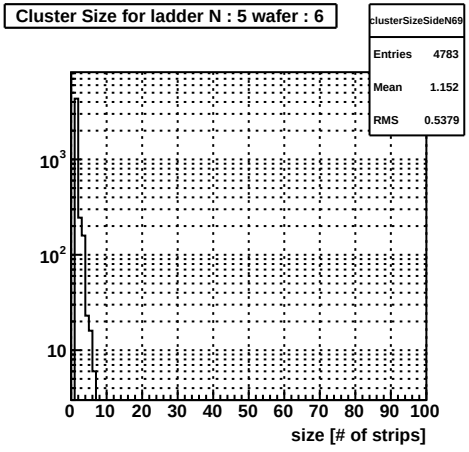

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1350
Mean 1.439
RMS 0.9747
size [# of strips]

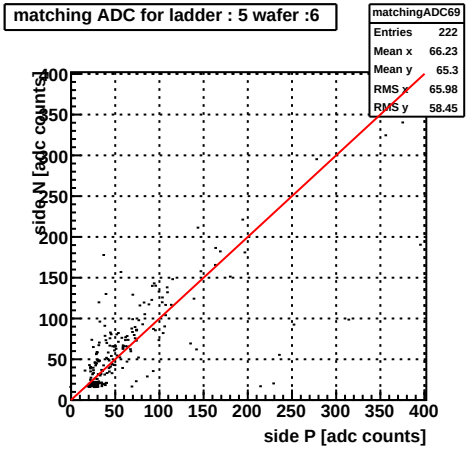

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 125
Mean x 85.44
Mean y 67.76
RMS x 75.64
RMS y 62.83
side N [adc counts]
side P [adc counts]

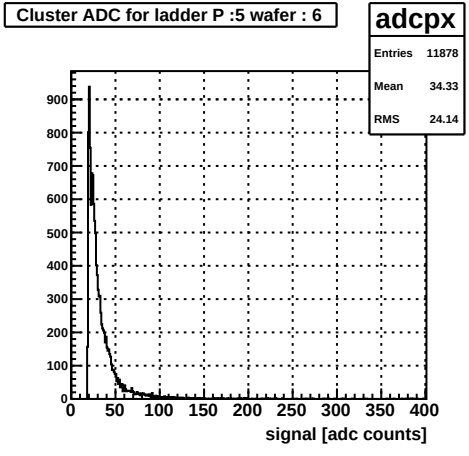

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 25391
Mean 40.45
RMS 31.84
signal [adc counts]

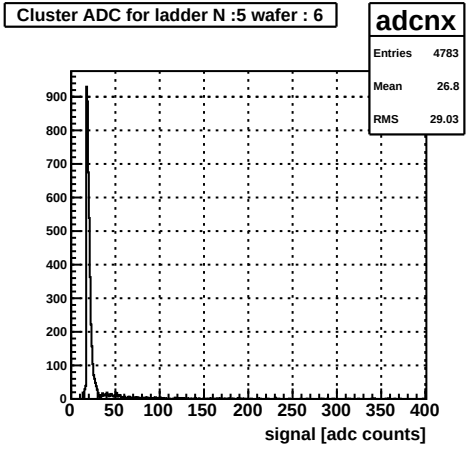

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1350
Mean 51.29
RMS 56.5
signal [adc counts]

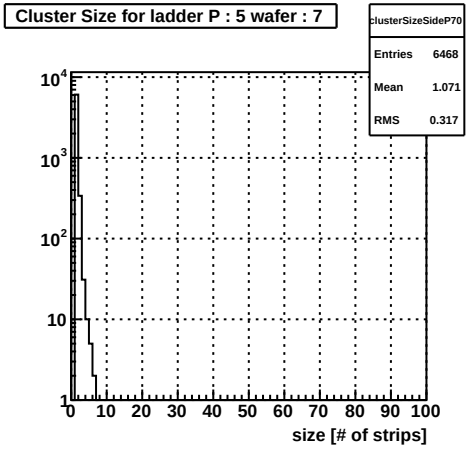

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11878
Mean 1.083
RMS 0.3381
size [# of strips]

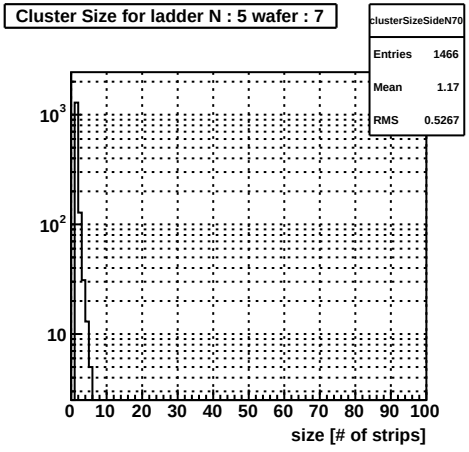

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4783
Mean 1.152
RMS 0.5379
size [# of strips]

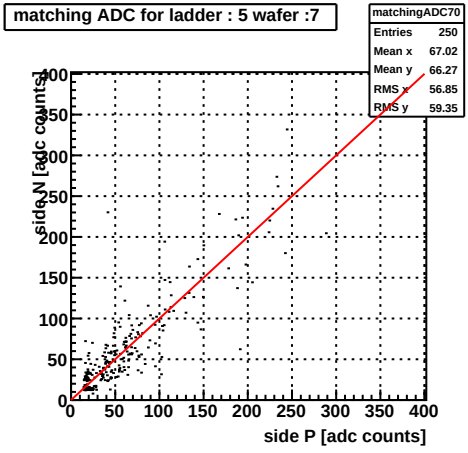

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 222
Mean x 66.23
Mean y 65.3
RMS x 65.98
RMS y 58.45
side N [adc counts]
side P [adc counts]

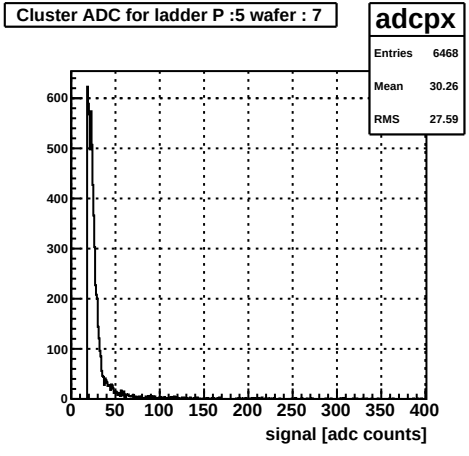

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11878
Mean 34.33
RMS 24.14
signal [adc counts]

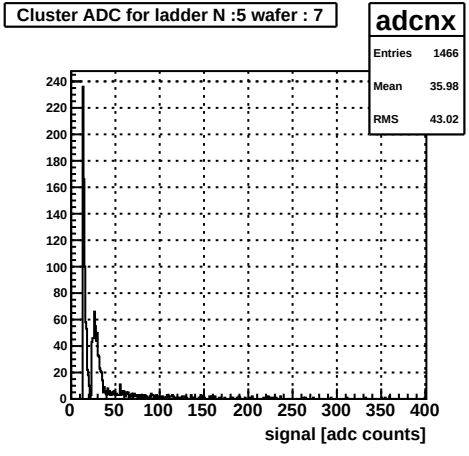

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4783
Mean 26.8
RMS 29.03
signal [adc counts]

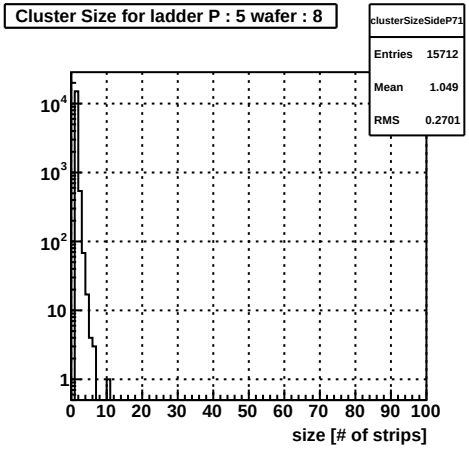

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6468
Mean 1.071
RMS 0.317
size [# of strips]

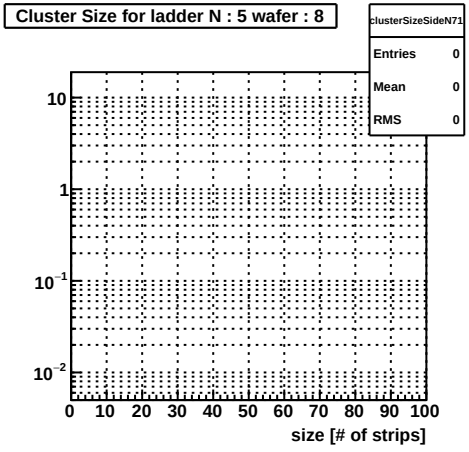

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1466
Mean 1.17
RMS 0.5267
size [# of strips]

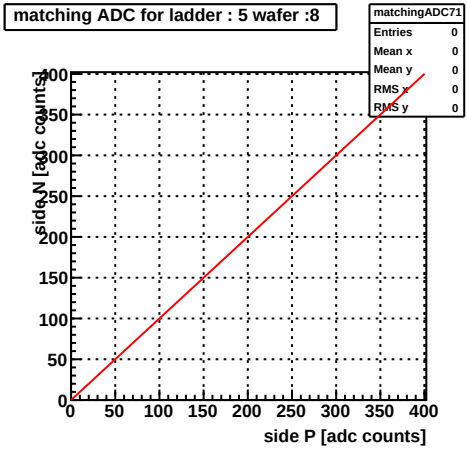

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 250
Mean x 67.02
Mean y 66.27
RMS x 56.85
RMS y 59.35
side N [adc counts]
side P [adc counts]

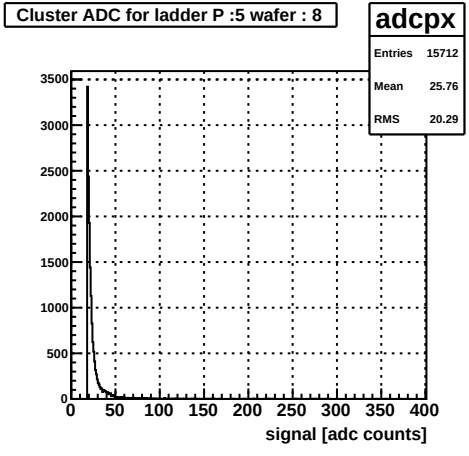

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6468
Mean 30.26
RMS 27.59
signal [adc counts]

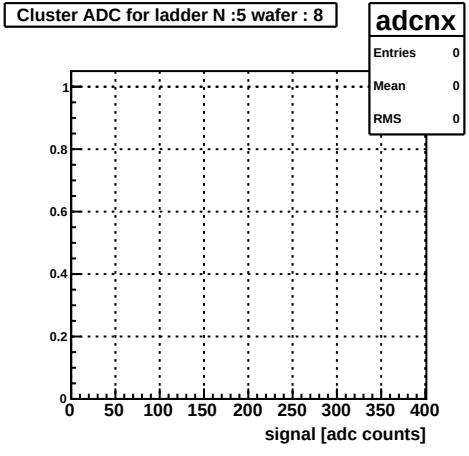

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1466
Mean 35.98
RMS 43.02
signal [adc counts]

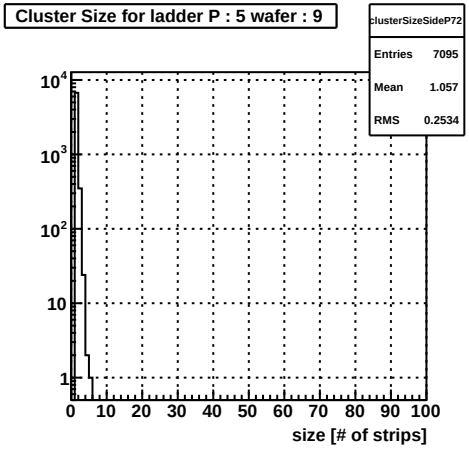

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 15712
Mean 1.049
RMS 0.2701
size [# of strips]

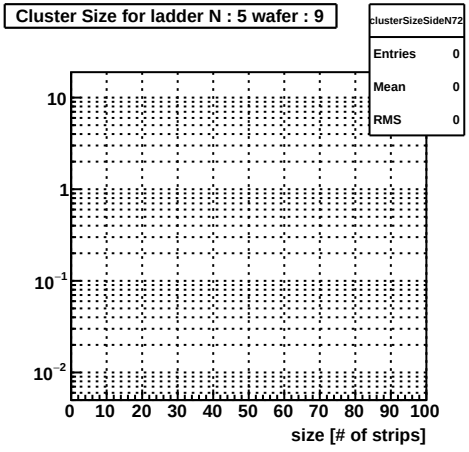

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

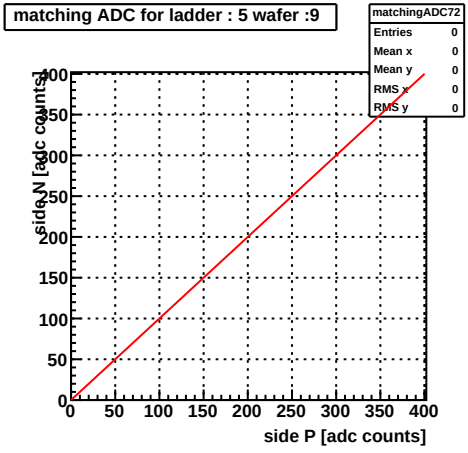

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

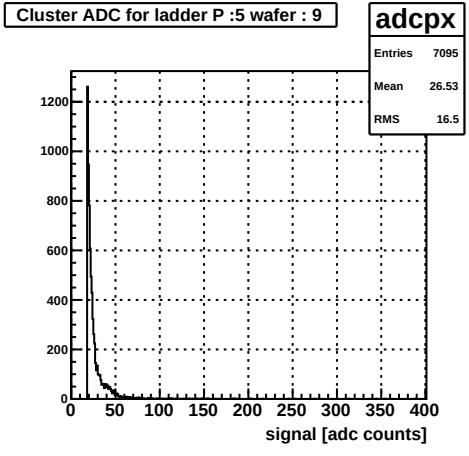

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 15712
Mean 25.76
RMS 20.29
signal [adc counts]

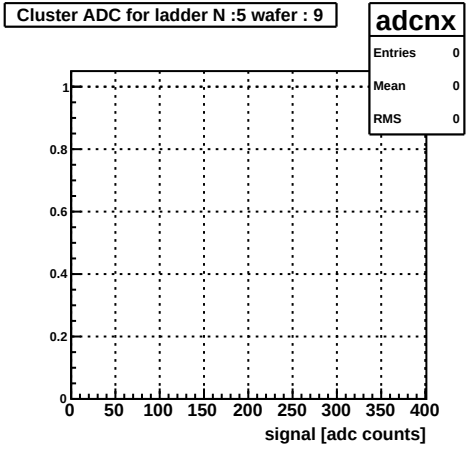

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

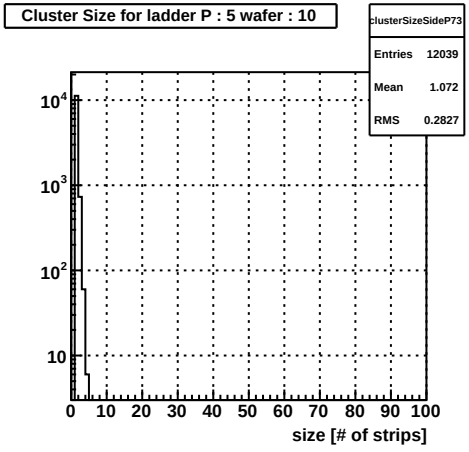

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 7095
Mean 1.057
RMS 0.2534
size [# of strips]

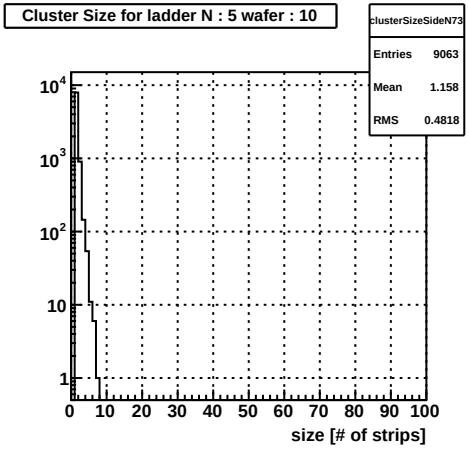

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

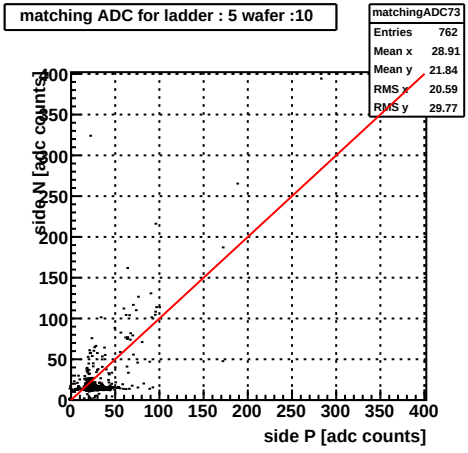

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

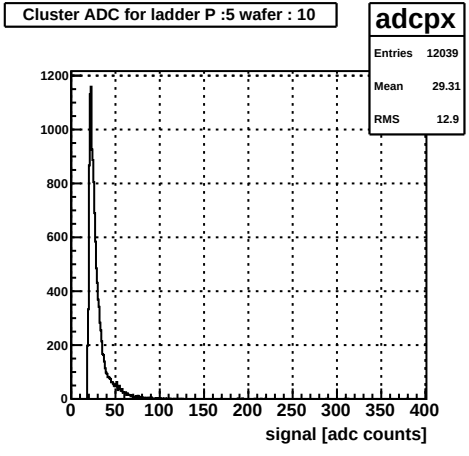

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 7095
Mean 26.53
RMS 16.5
signal [adc counts]

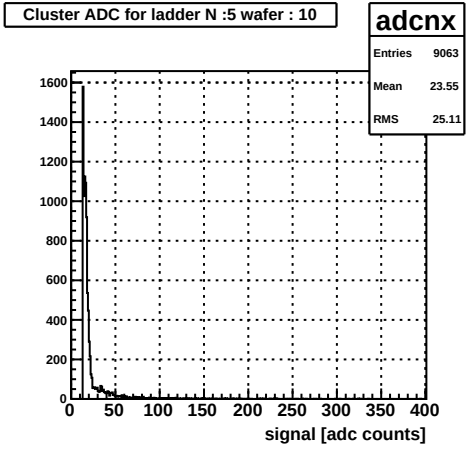

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

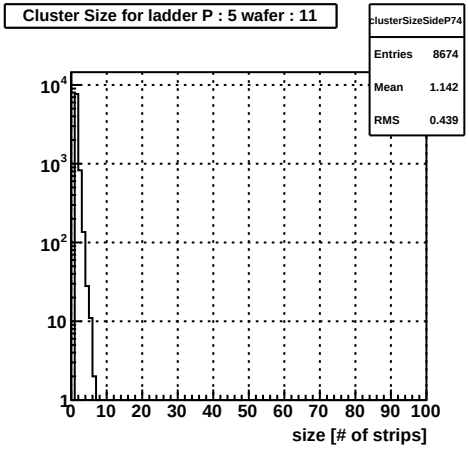

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 12039
Mean 1.072
RMS 0.2827
size [# of strips]

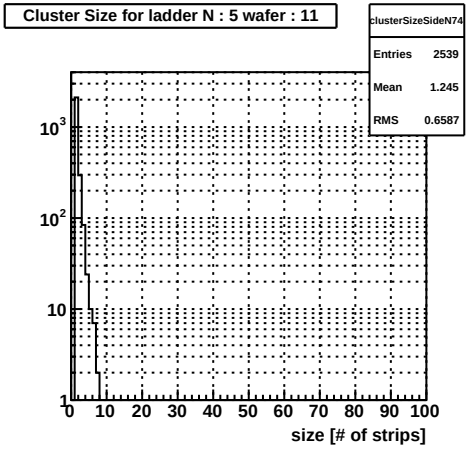

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9063
Mean 1.158
RMS 0.4818
size [# of strips]

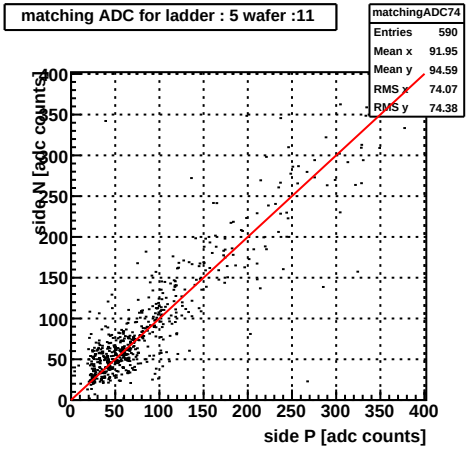

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 762
Mean x 28.91
Mean y 21.84
RMS x 20.59
RMS y 29.77
side N [adc counts]
side P [adc counts]

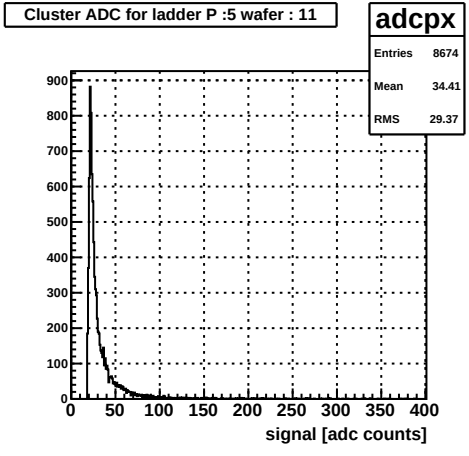

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 12039
Mean 29.31
RMS 12.9
signal [adc counts]

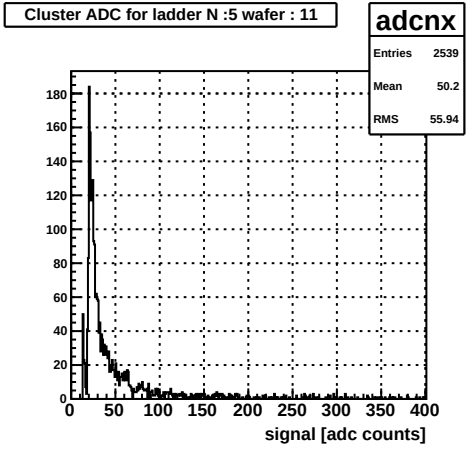

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9063
Mean 23.55
RMS 25.11
signal [adc counts]

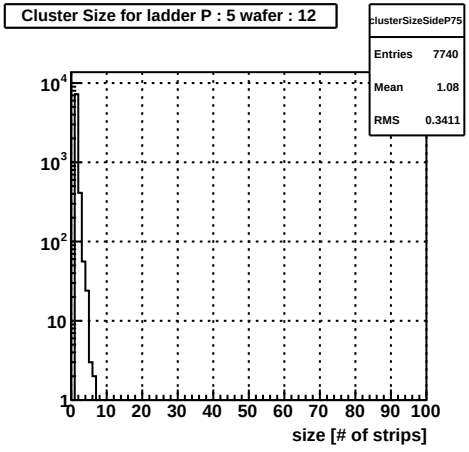

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8674
Mean 1.142
RMS 0.439
size [# of strips]

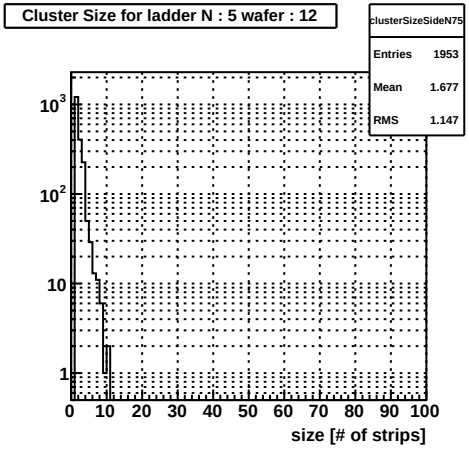

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2539
Mean 1.245
RMS 0.6587
size [# of strips]

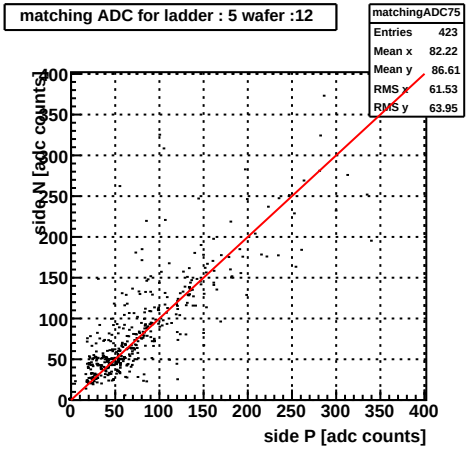

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 590
Mean x 91.95
Mean y 94.59
RMS x 74.07
RMS y 74.38
side N [adc counts]
side P [adc counts]

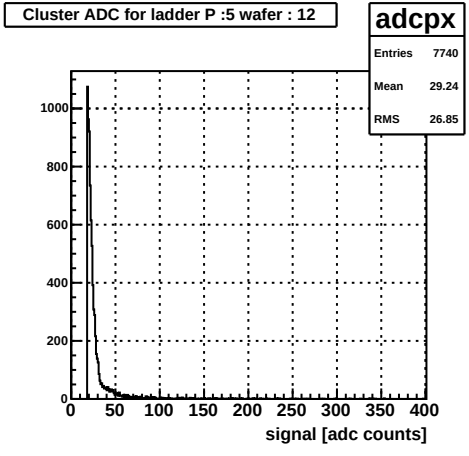

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8674
Mean 34.41
RMS 29.37
signal [adc counts]

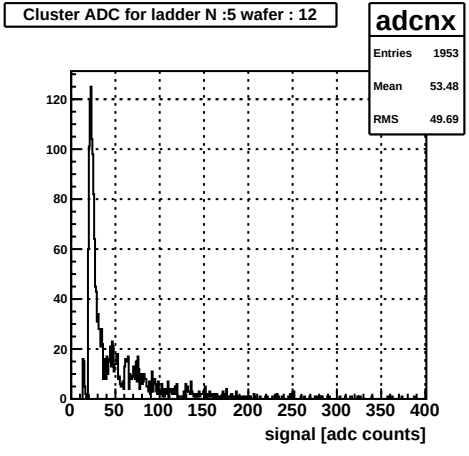

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2539
Mean 50.2
RMS 55.94
signal [adc counts]

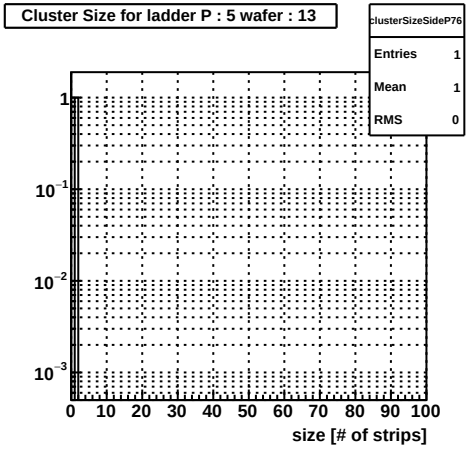

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7740
Mean 1.08
RMS 0.3411
size [# of strips]

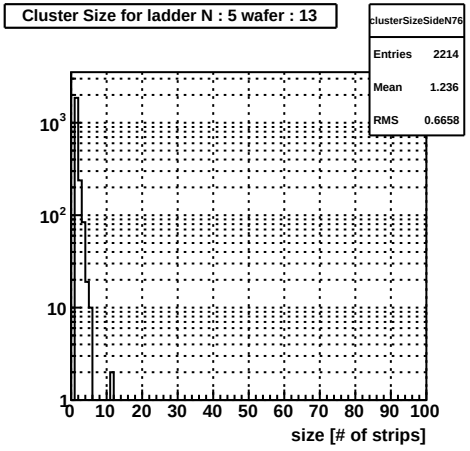

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1953
Mean 1.677
RMS 1.147
size [# of strips]

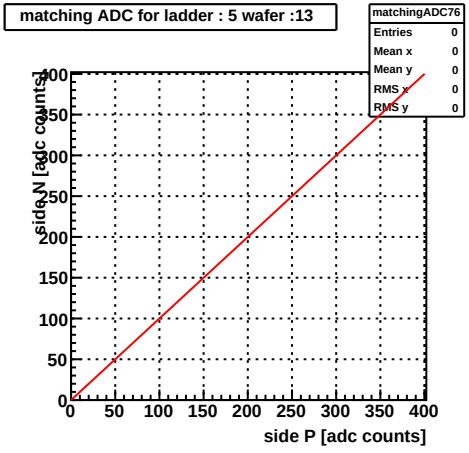

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 423
Mean x 82.22
Mean y 86.61
RMS x 61.53
RMS y 63.95
side N [adc counts]
side P [adc counts]

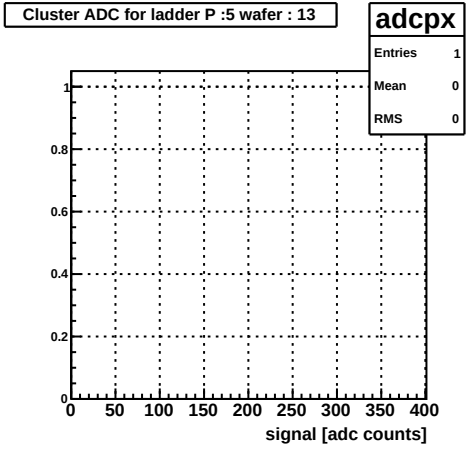

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7740
Mean 29.24
RMS 26.85
signal [adc counts]

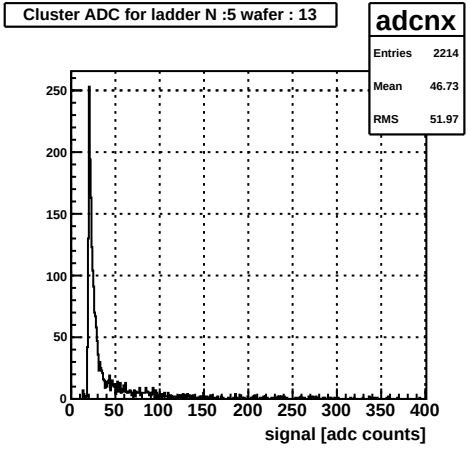

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1953
Mean 53.48
RMS 49.69
signal [adc counts]

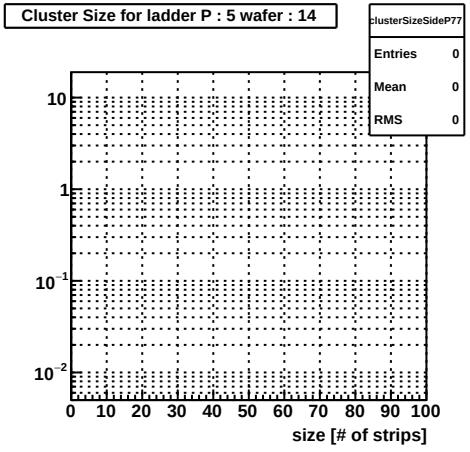

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

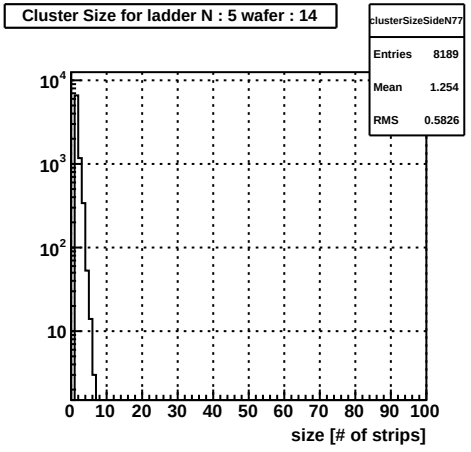

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2214
Mean 1.236
RMS 0.6658
size [# of strips]

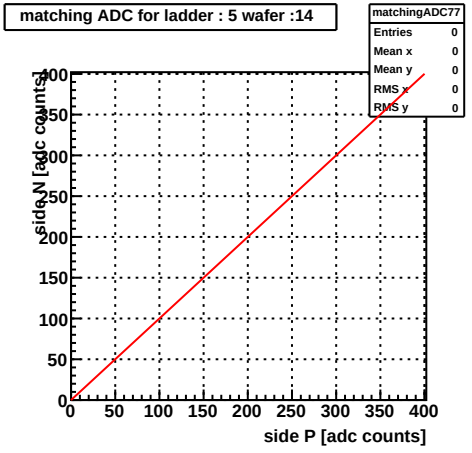

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

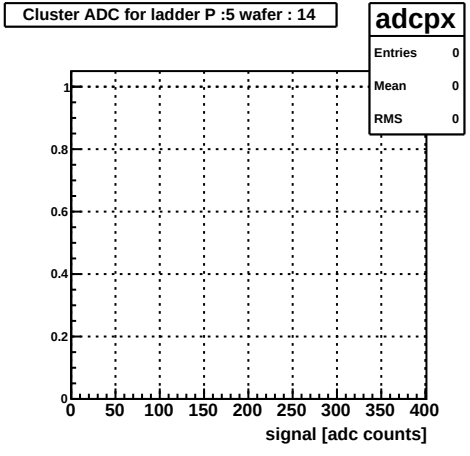

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

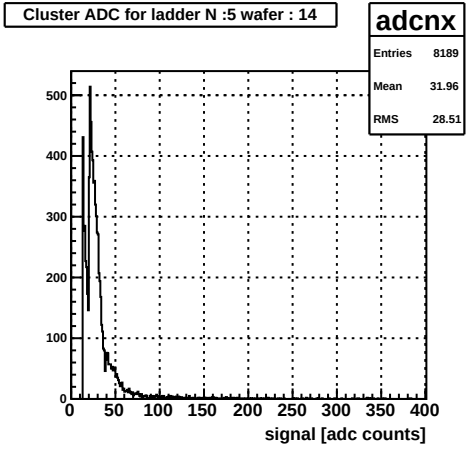

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2214
Mean 46.73
RMS 51.97
signal [adc counts]

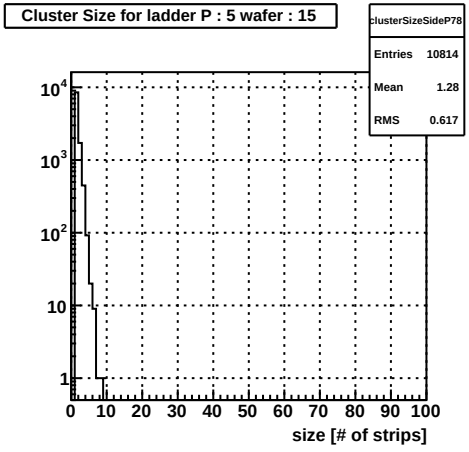

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

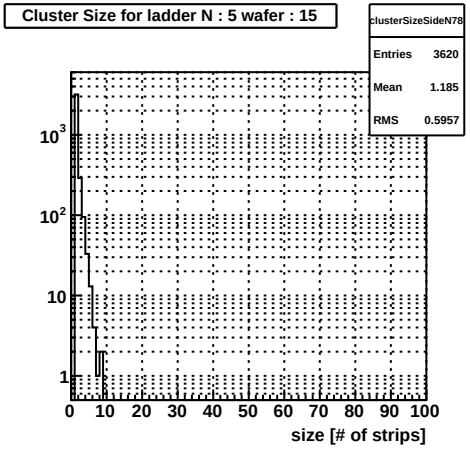

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8189
Mean 1.254
RMS 0.5826
size [# of strips]

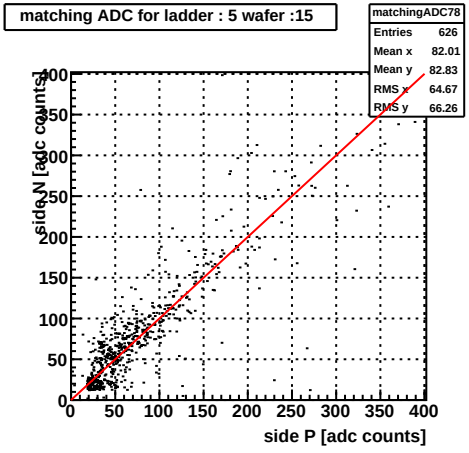

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

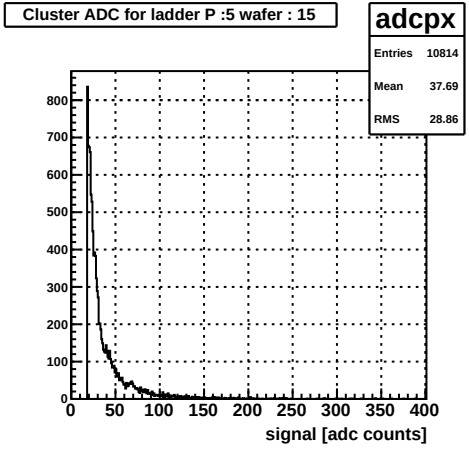

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

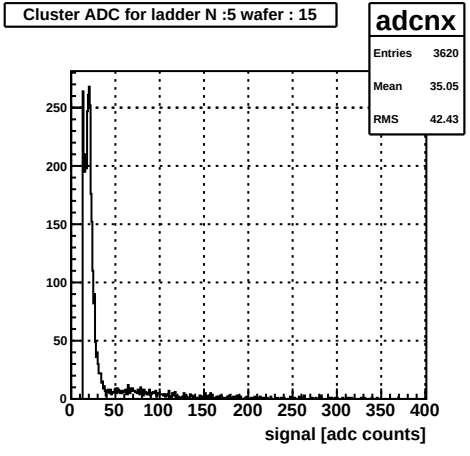

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8189
Mean 31.96
RMS 28.51
signal [adc counts]

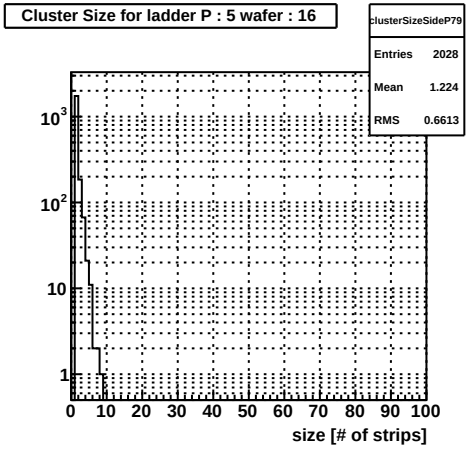

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 10814
Mean 1.28
RMS 0.617
size [# of strips]

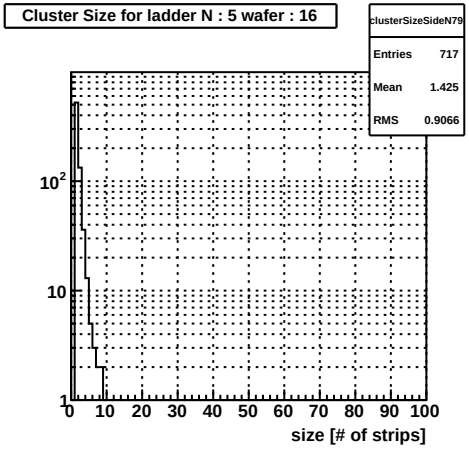

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3620
Mean 1.185
RMS 0.5957
size [# of strips]

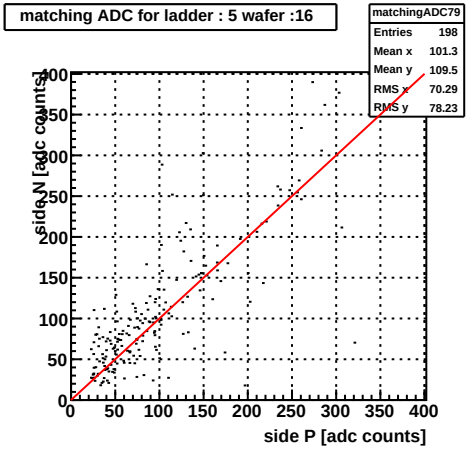

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 626
Mean x 82.01
Mean y 82.83
RMS x 64.67
RMS y 66.26
side N [adc counts]
side P [adc counts]

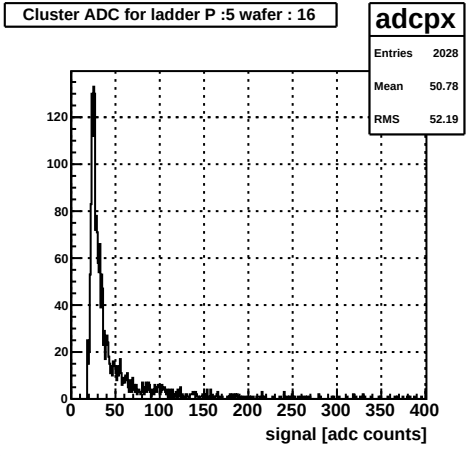

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 10814
Mean 37.69
RMS 28.86
signal [adc counts]

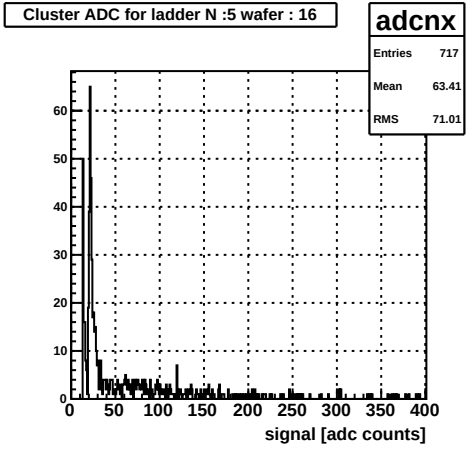

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3620
Mean 35.05
RMS 42.43
signal [adc counts]

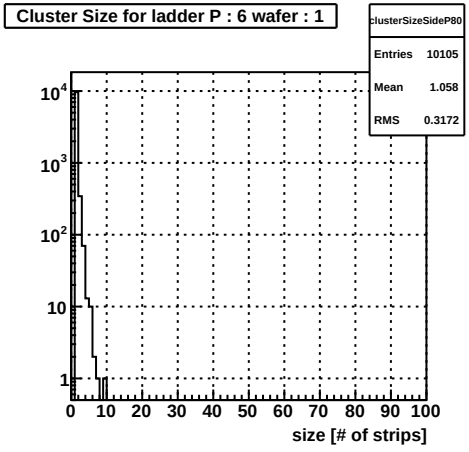

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2028
Mean 1.224
RMS 0.6613
size [# of strips]

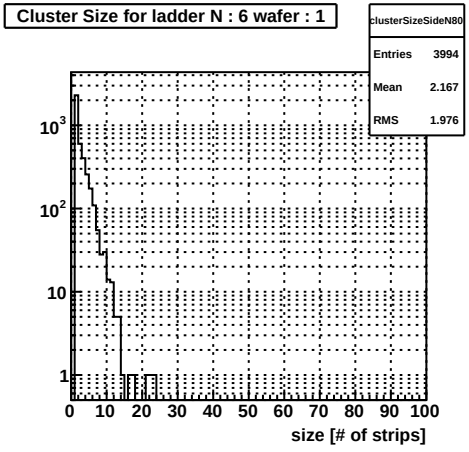

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 717
Mean 1.425
RMS 0.9066
size [# of strips]

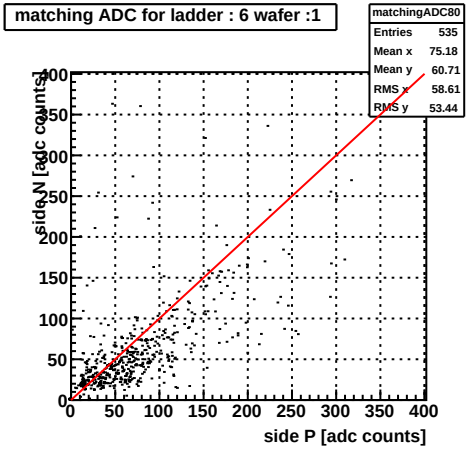

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 198
Mean x 101.3
Mean y 109.5
RMS x 70.29
RMS y 78.23
side N [adc counts]
side P [adc counts]

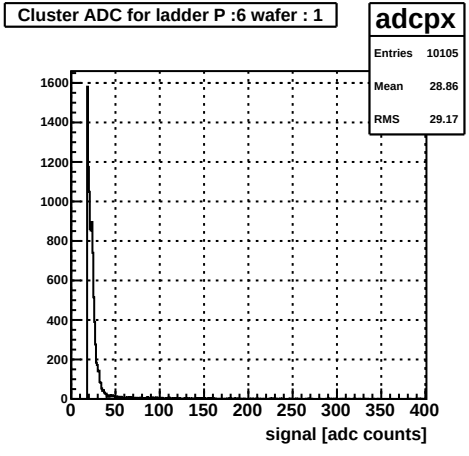

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2028
Mean 50.78
RMS 52.19
signal [adc counts]

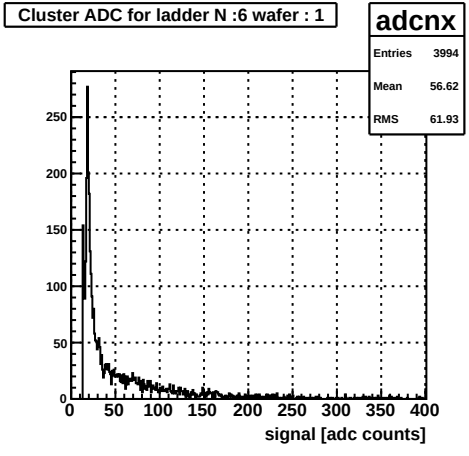

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 717
Mean 63.41
RMS 71.01
signal [adc counts]

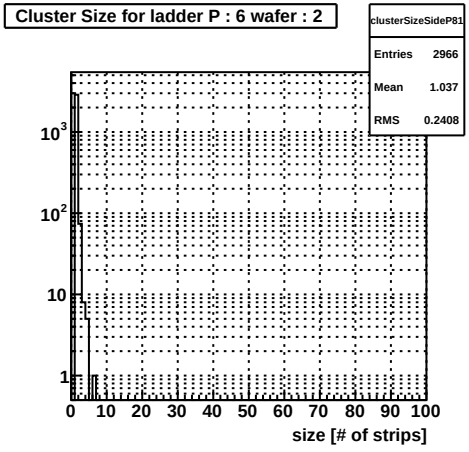

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10105
Mean 1.058
RMS 0.3172
size [# of strips]

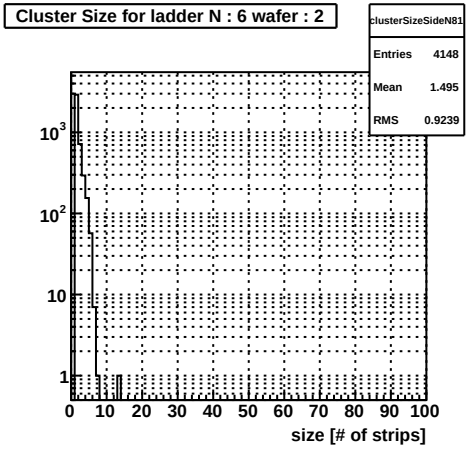

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3994
Mean 2.167
RMS 1.976
size [# of strips]

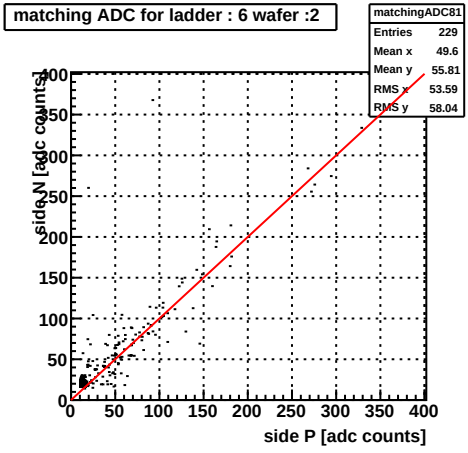

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 535
Mean x 75.18
Mean y 60.71
RMS x 58.61
RMS y 53.44
side N [adc counts]
side P [adc counts]

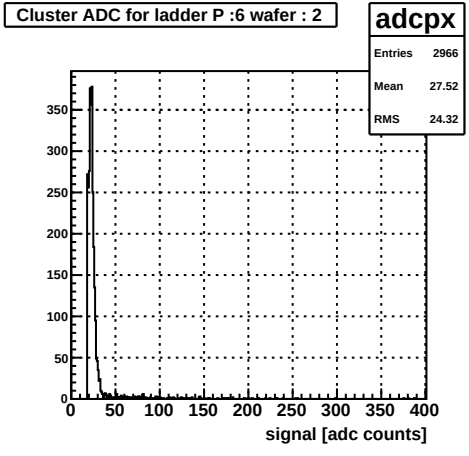

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10105
Mean 28.86
RMS 29.17
signal [adc counts]

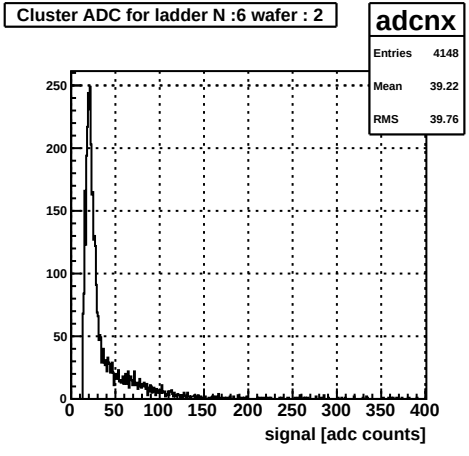

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3994
Mean 56.62
RMS 61.93
signal [adc counts]

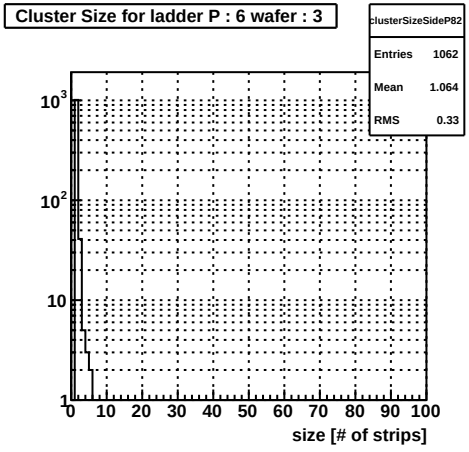

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2966
Mean 1.037
RMS 0.2408
size [# of strips]

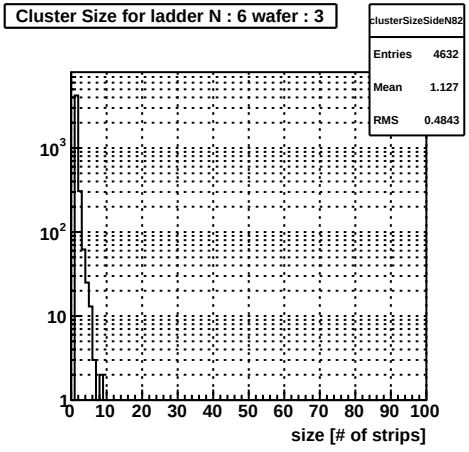

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 4148
Mean 1.495
RMS 0.9239
size [# of strips]

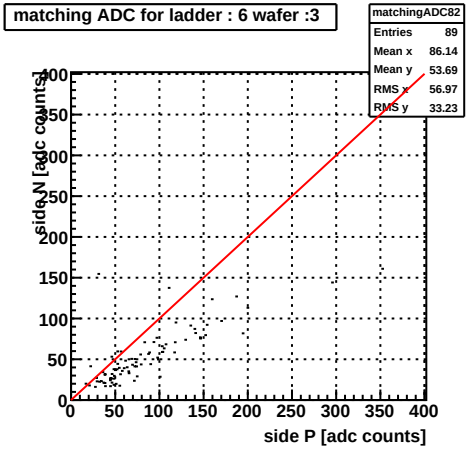

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 229
Mean x 49.6
Mean y 55.81
RMS x 53.59
RMS y 58.04
side N [adc counts]
side P [adc counts]

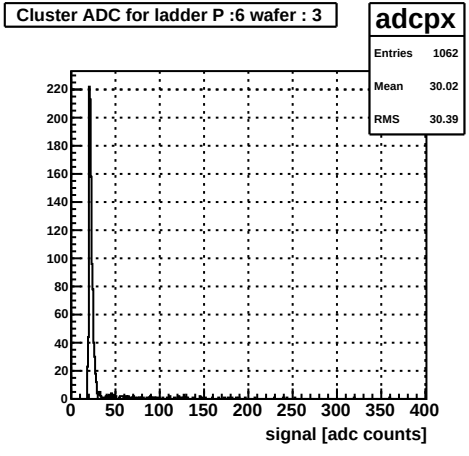

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2966
Mean 27.52
RMS 24.32
signal [adc counts]

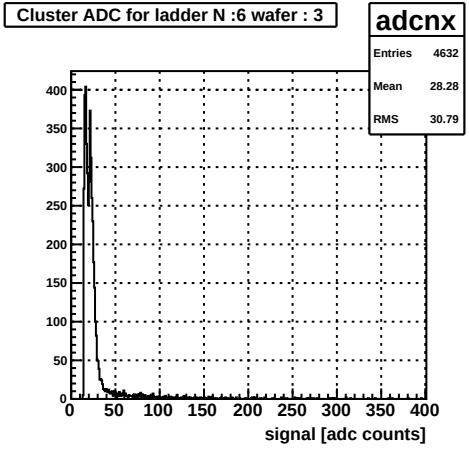

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 4148
Mean 39.22
RMS 39.76
signal [adc counts]

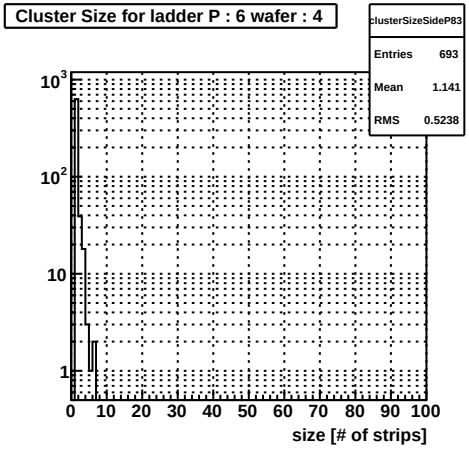

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1062
Mean 1.064
RMS 0.33
size [# of strips]

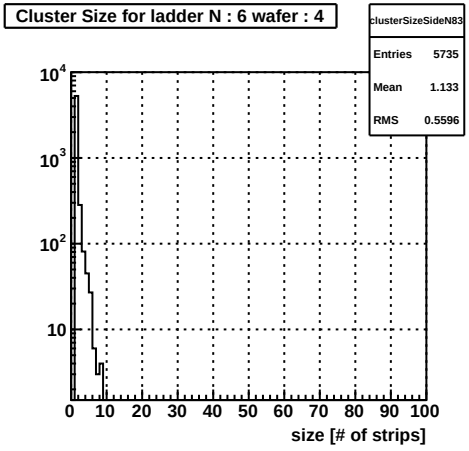

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4632
Mean 1.127
RMS 0.4843
size [# of strips]

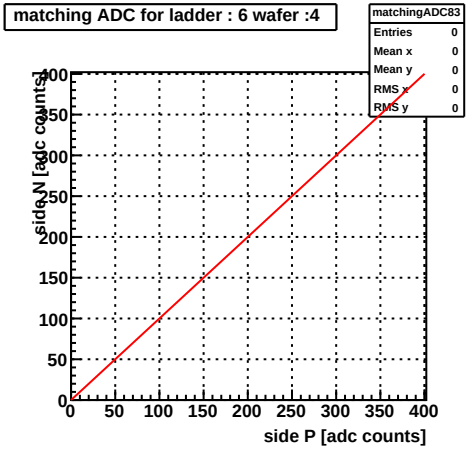

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 89
Mean x 86.14
Mean y 53.69
RMS x 56.97
RMS y 33.23
side N [adc counts]
side P [adc counts]

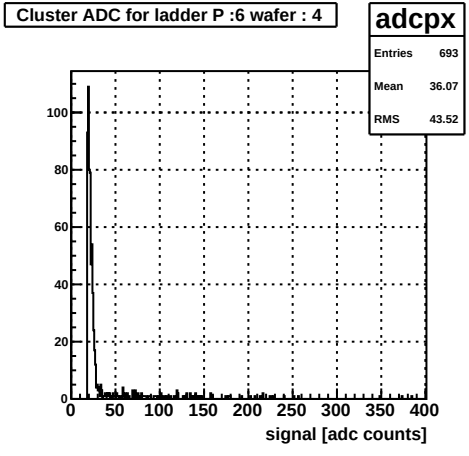

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1062
Mean 30.02
RMS 30.39
signal [adc counts]

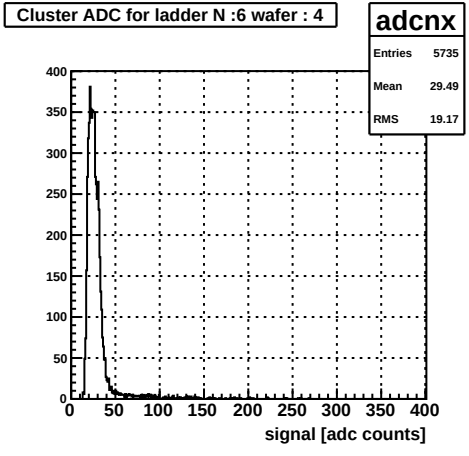

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4632
Mean 28.28
RMS 30.79
signal [adc counts]

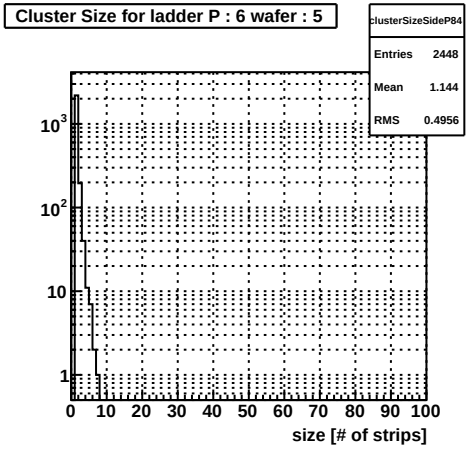

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 693
Mean 1.141
RMS 0.5238
size [# of strips]

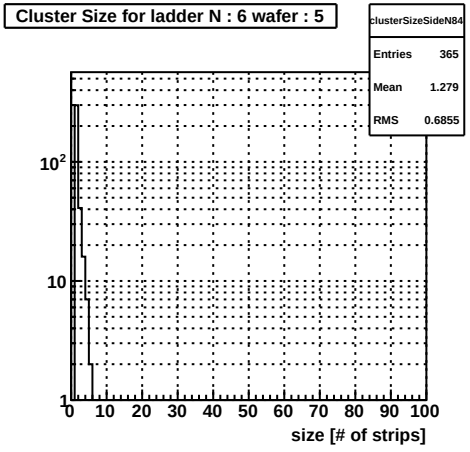

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5735
Mean 1.133
RMS 0.5596
size [# of strips]

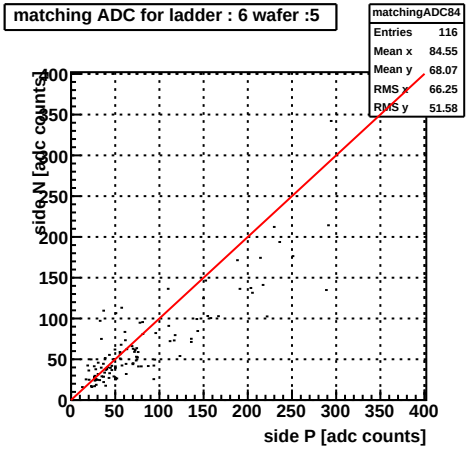

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

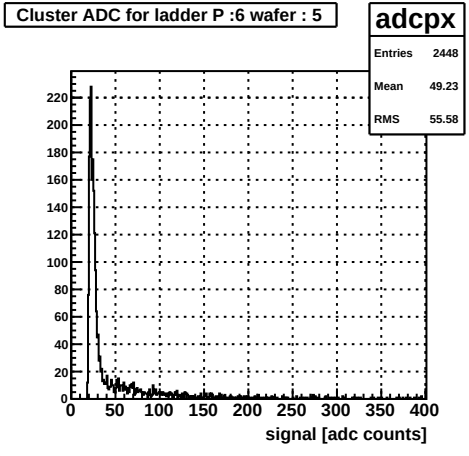

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 693
Mean 36.07
RMS 43.52
signal [adc counts]

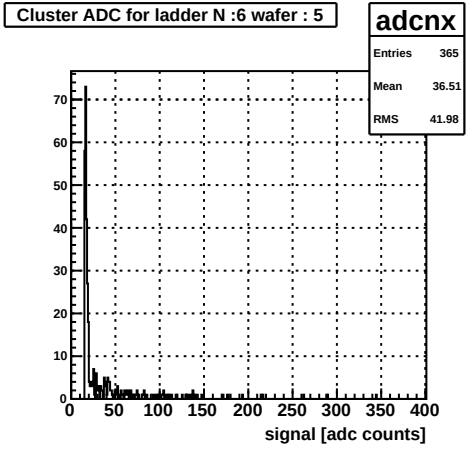

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5735
Mean 29.49
RMS 19.17
signal [adc counts]

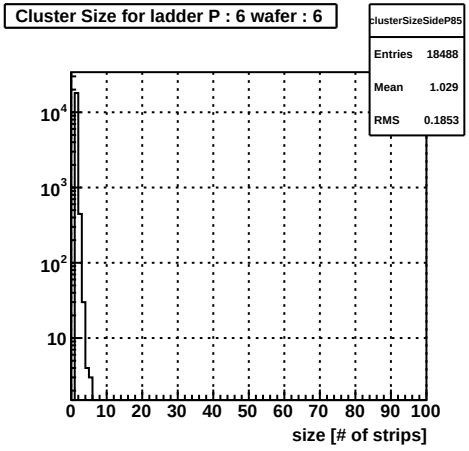

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2448
Mean 1.144
RMS 0.4956
size [# of strips]

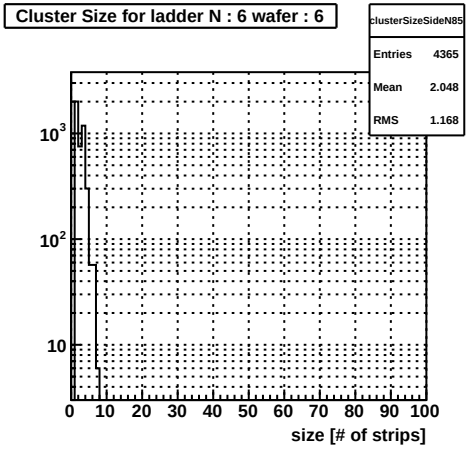

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 365
Mean 1.279
RMS 0.6855
size [# of strips]

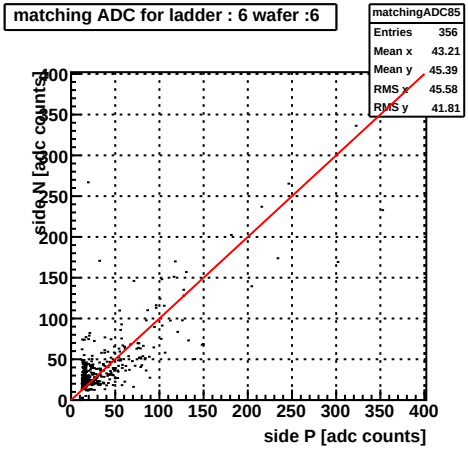

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 116
Mean x 84.55
Mean y 68.07
RMS x 66.25
RMS y 51.58
side N [adc counts]
side P [adc counts]

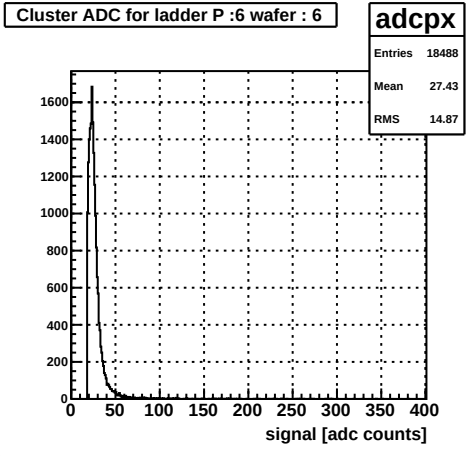

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2448
Mean 49.23
RMS 55.58
signal [adc counts]

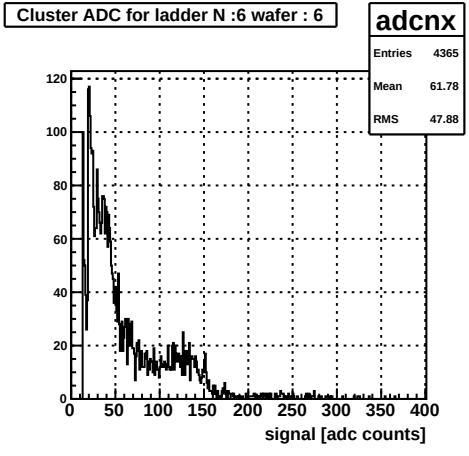

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 365
Mean 36.51
RMS 41.98
signal [adc counts]

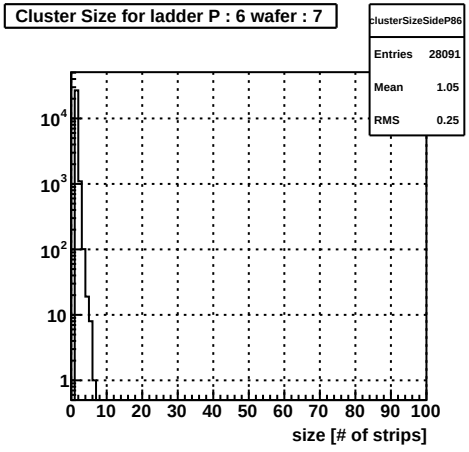

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18488
Mean 1.029
RMS 0.1853
size [# of strips]

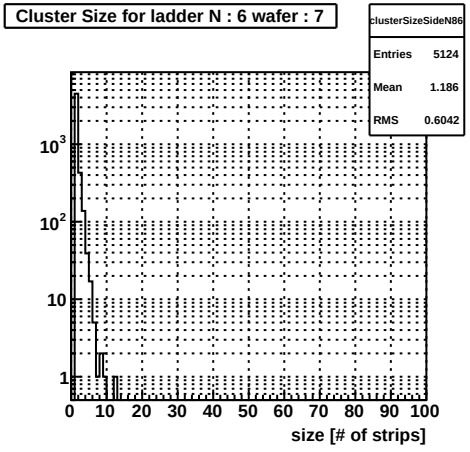

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4365
Mean 2.048
RMS 1.168
size [# of strips]

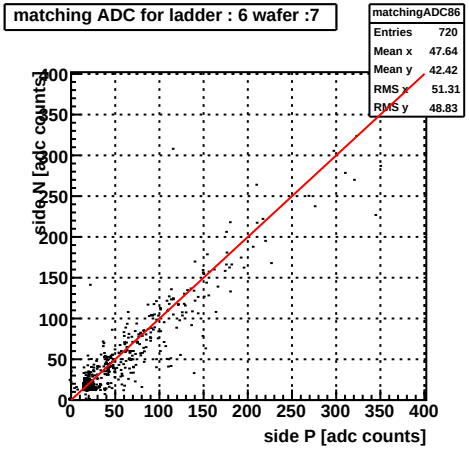

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 356
Mean x 43.21
Mean y 45.39
RMS x 45.58
RMS y 41.81
side N [adc counts]
side P [adc counts]

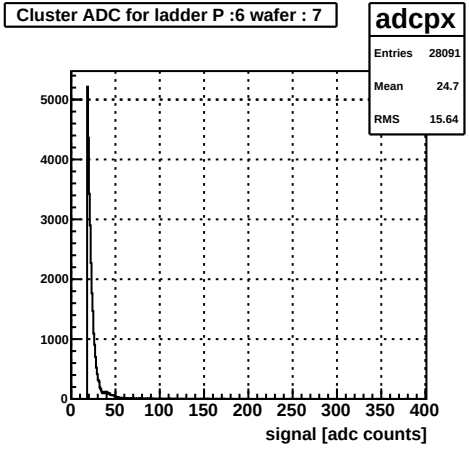

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18488
Mean 27.43
RMS 14.87
signal [adc counts]

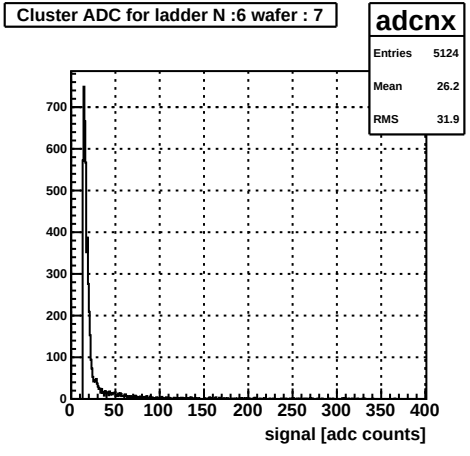

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4365
Mean 61.78
RMS 47.88
signal [adc counts]

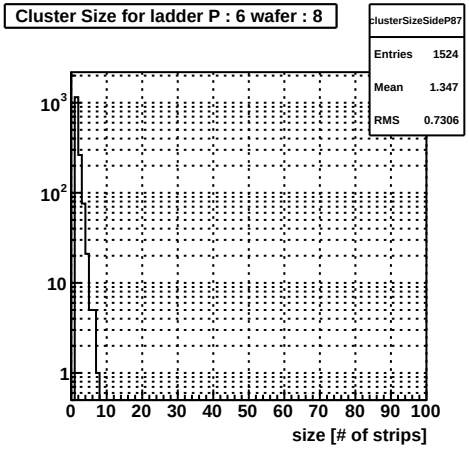

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 28091
Mean 1.05
RMS 0.25
size [# of strips]

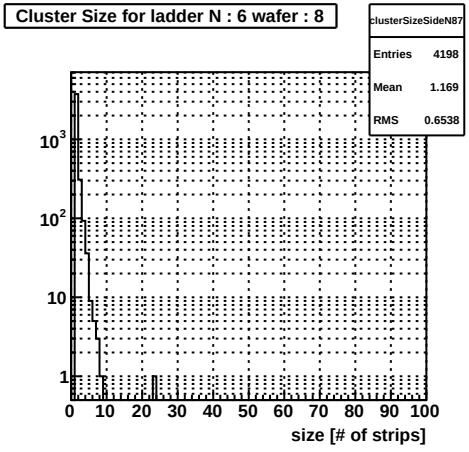

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5124
Mean 1.186
RMS 0.6042
size [# of strips]

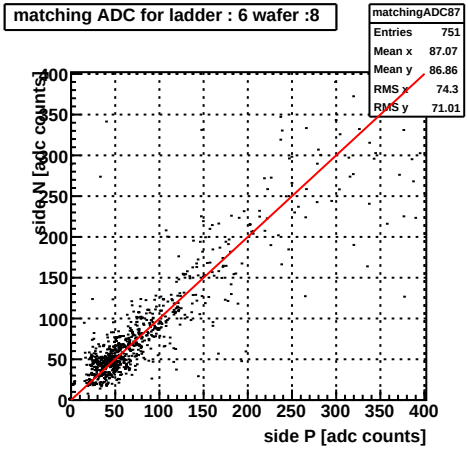

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 720
Mean x 47.64
Mean y 42.42
RMS x 51.31
RMS y 48.83
side N [adc counts]
side P [adc counts]

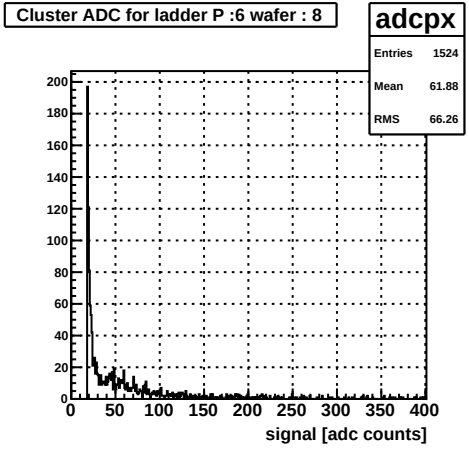

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 28091
Mean 24.7
RMS 15.64
signal [adc counts]

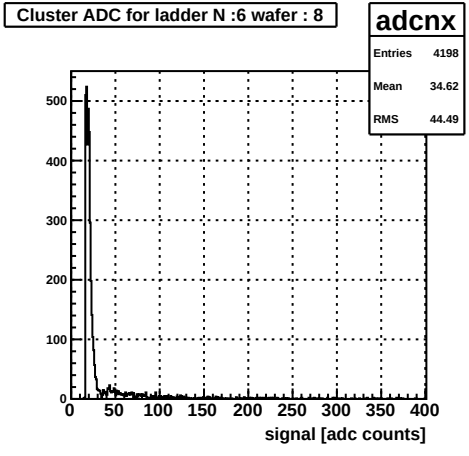

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5124
Mean 26.2
RMS 31.9
signal [adc counts]

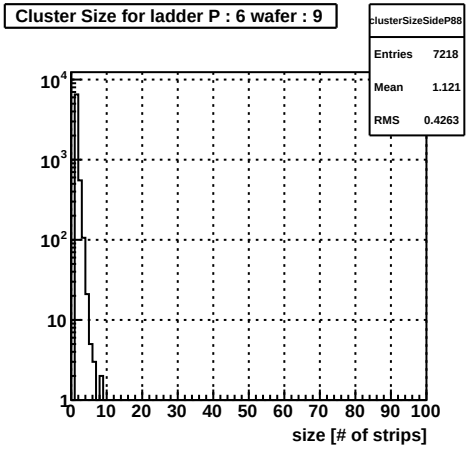

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1524
Mean 1.347
RMS 0.7306
size [# of strips]

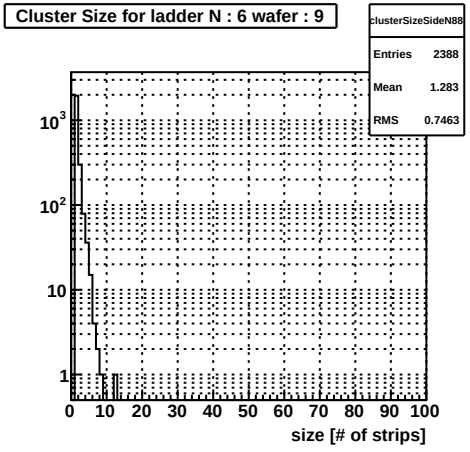

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4198
Mean 1.169
RMS 0.6538
size [# of strips]

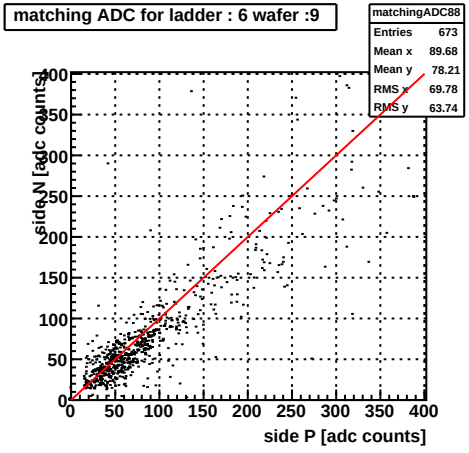

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 751
Mean x 87.07
Mean y 86.86
RMS x 74.3
RMS y 71.01
side N [adc counts]
side P [adc counts]

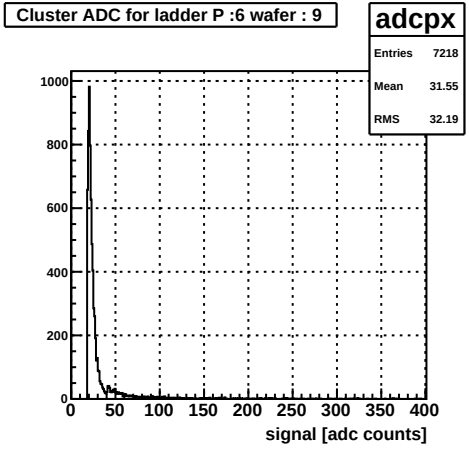

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1524
Mean 61.88
RMS 66.26
signal [adc counts]

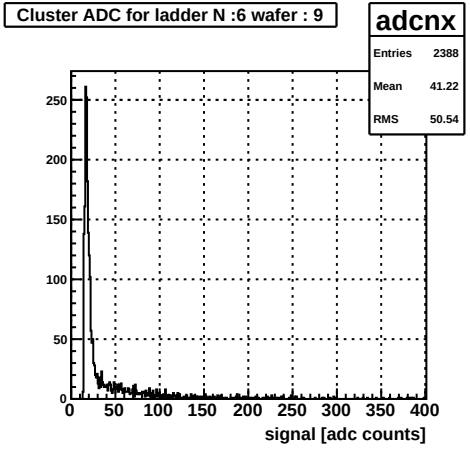

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4198
Mean 34.62
RMS 44.49
signal [adc counts]

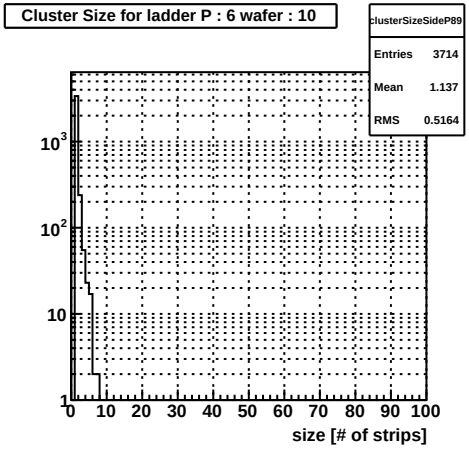

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 7218
Mean 1.121
RMS 0.4263
size [# of strips]

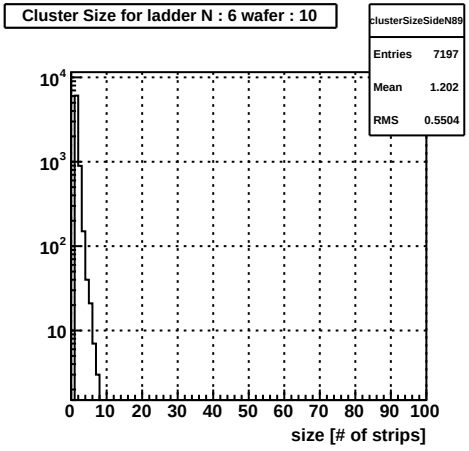

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2388
Mean 1.283
RMS 0.7463
size [# of strips]

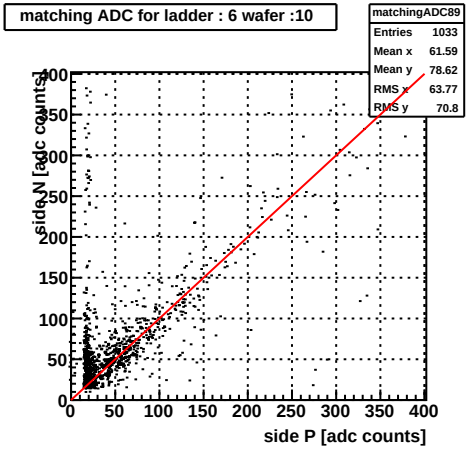

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 673
Mean x 89.68
Mean y 78.21
RMS x 69.78
RMS y 63.74
side N [adc counts]
side P [adc counts]

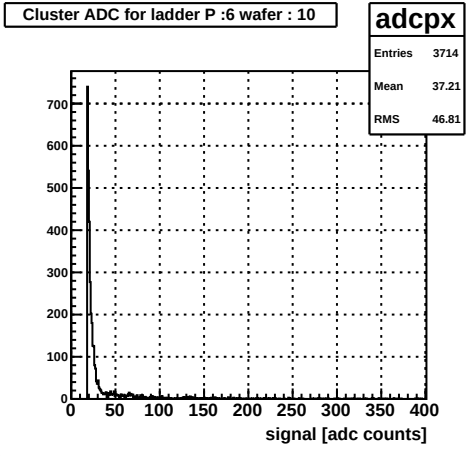

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 7218
Mean 31.55
RMS 32.19
signal [adc counts]

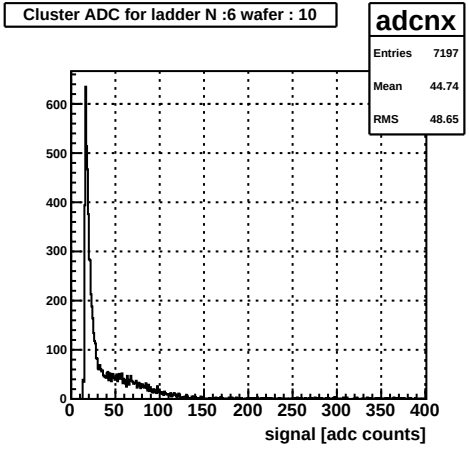

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2388
Mean 41.22
RMS 50.54
signal [adc counts]

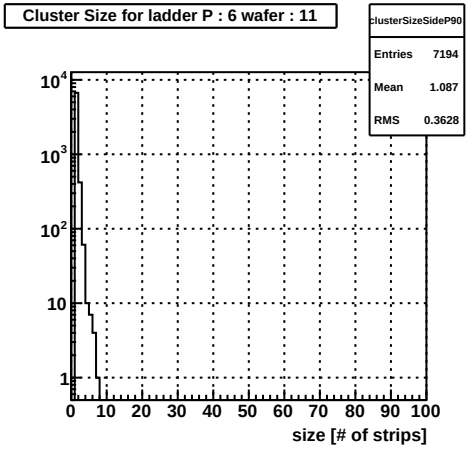

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3714
Mean 1.137
RMS 0.5164
size [# of strips]

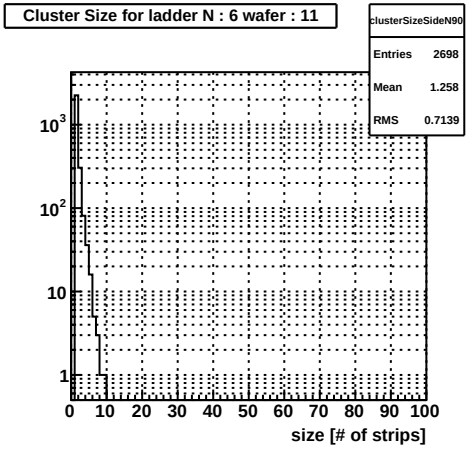

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 7197
Mean 1.202
RMS 0.5504
size [# of strips]

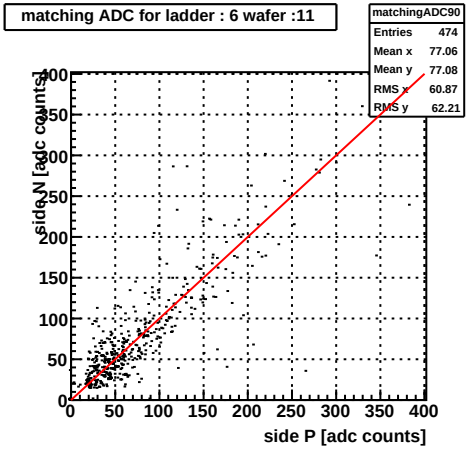

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1033
Mean x 61.59
Mean y 78.62
RMS x 63.77
RMS y 70.8
side N [adc counts]
side P [adc counts]

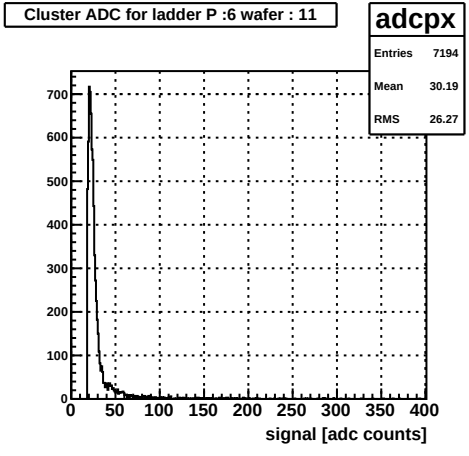

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3714
Mean 37.21
RMS 46.81
signal [adc counts]

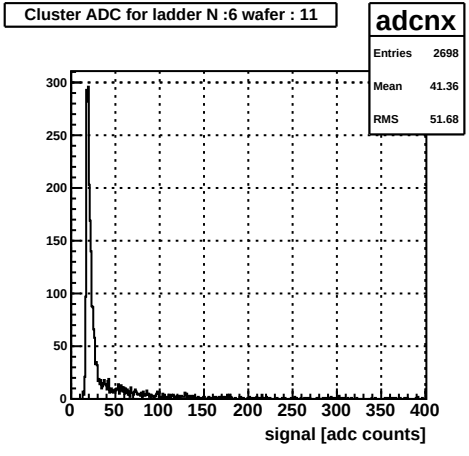

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 7197
Mean 44.74
RMS 48.65
signal [adc counts]

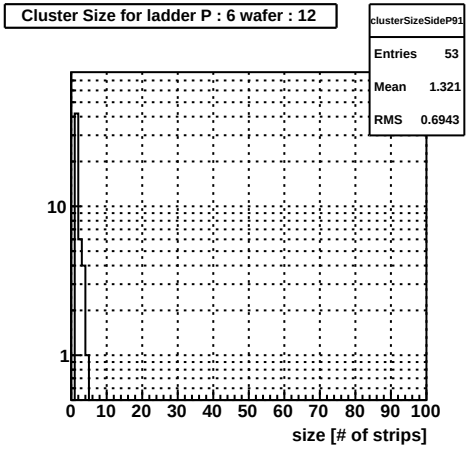

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7194
Mean 1.087
RMS 0.3628
size [# of strips]

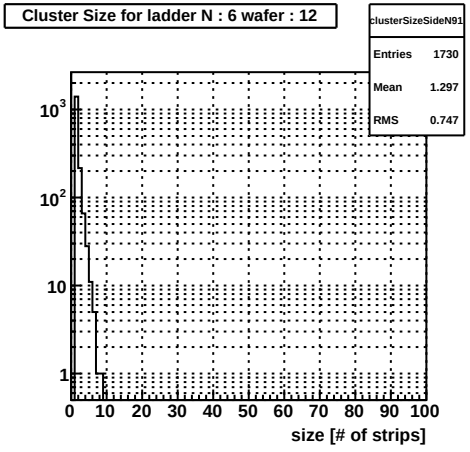

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2698
Mean 1.258
RMS 0.7139
size [# of strips]

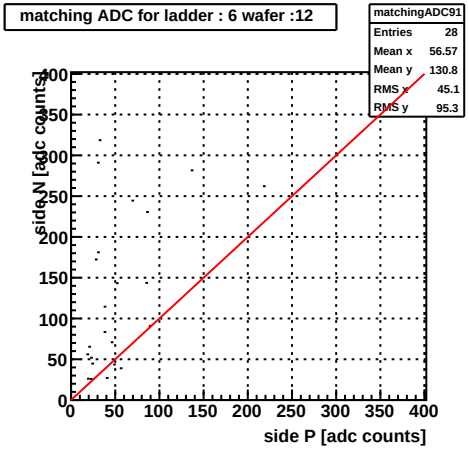

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 474
Mean x 77.06
Mean y 77.08
RMS x 60.87
RMS y 62.21
side N [adc counts]
side P [adc counts]

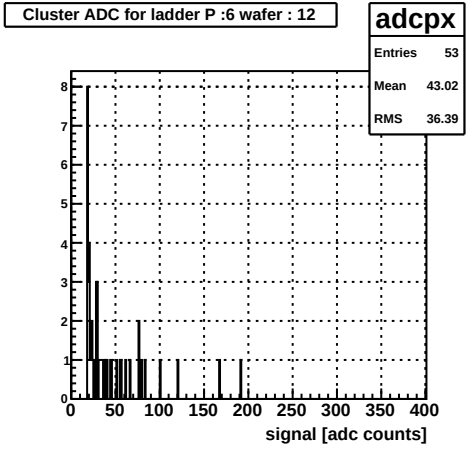

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7194
Mean 30.19
RMS 26.27
signal [adc counts]

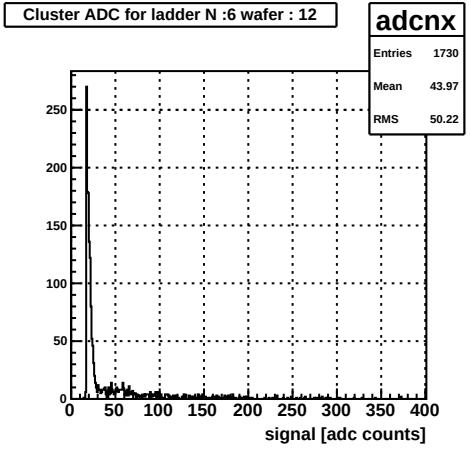

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2698
Mean 41.36
RMS 51.68
signal [adc counts]

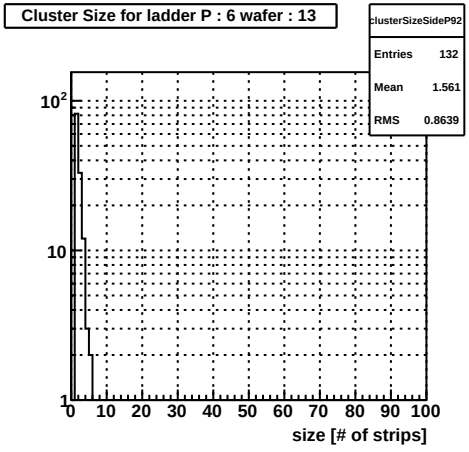

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 53
Mean 1.321
RMS 0.6943
size [# of strips]

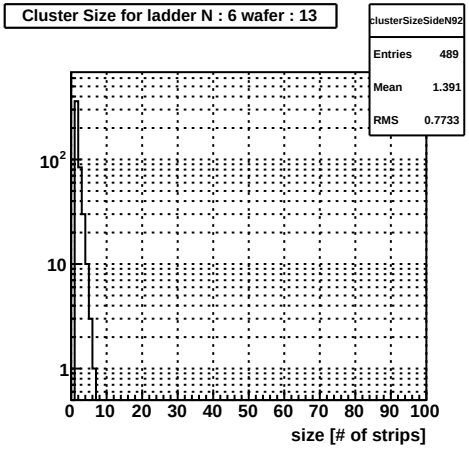

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1730
Mean 1.297
RMS 0.747
size [# of strips]

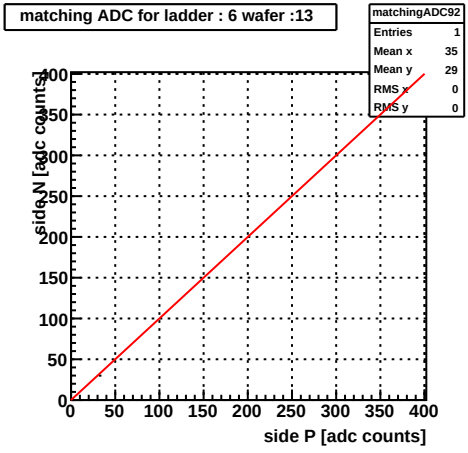

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 28
Mean x 56.57
Mean y 130.8
RMS x 45.1
RMS y 95.3
side N [adc counts]
side P [adc counts]

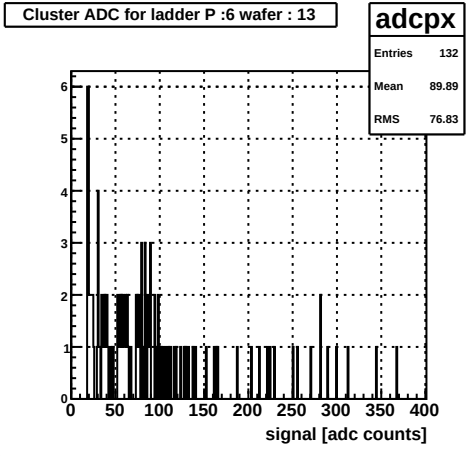

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 53
Mean 43.02
RMS 36.39
signal [adc counts]

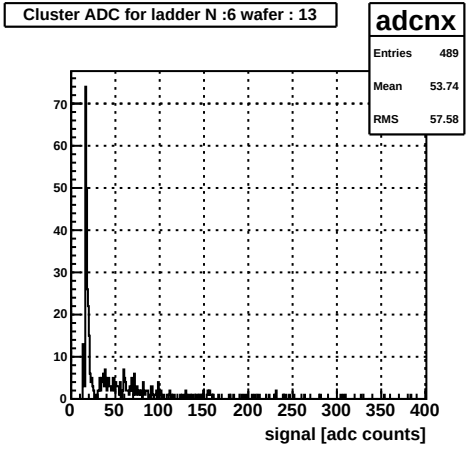

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1730
Mean 43.97
RMS 50.22
signal [adc counts]

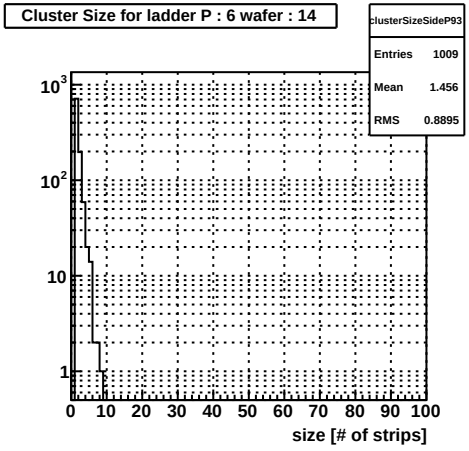

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 132
Mean 1.561
RMS 0.8639
size [# of strips]

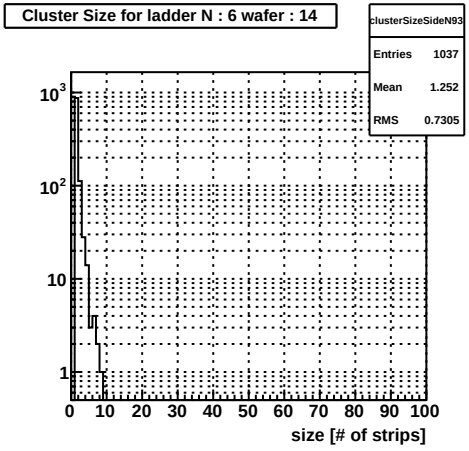

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 489
Mean 1.391
RMS 0.7733
size [# of strips]

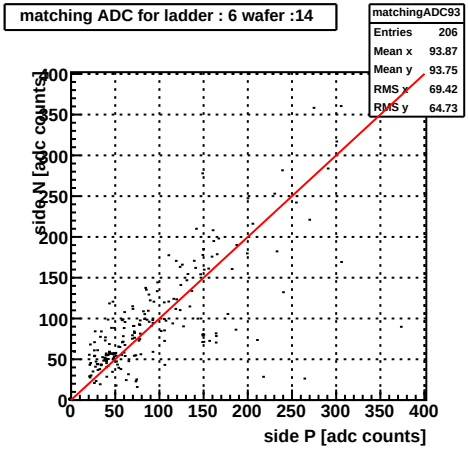

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 35
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

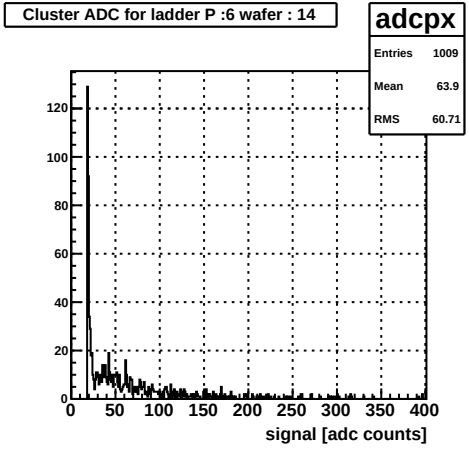

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 132
Mean 89.89
RMS 76.83
signal [adc counts]

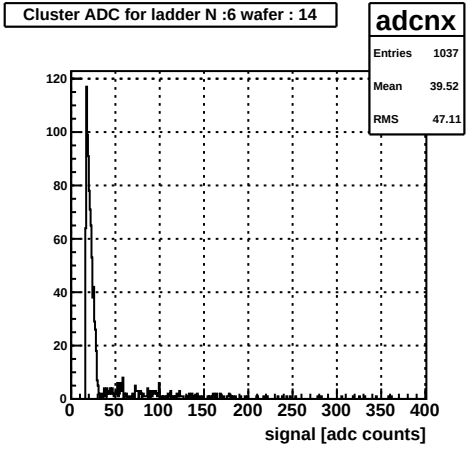

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 489
Mean 53.74
RMS 57.58
signal [adc counts]

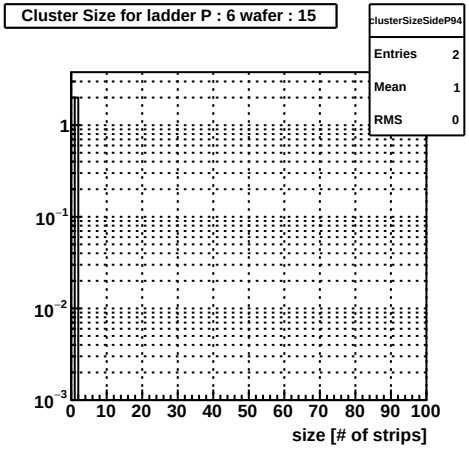

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1009
Mean 1.456
RMS 0.8895
size [# of strips]

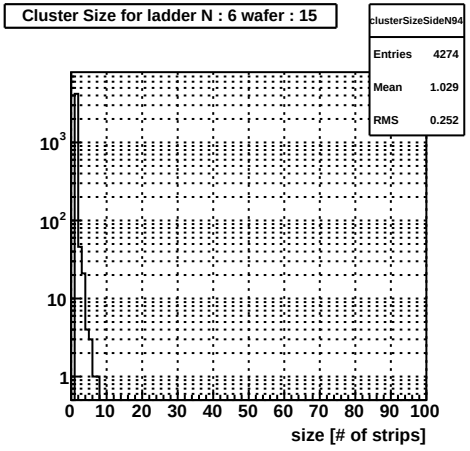

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1037
Mean 1.252
RMS 0.7305
size [# of strips]

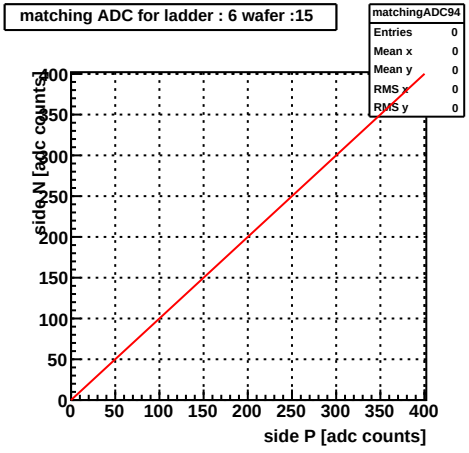

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 206
Mean x 93.87
Mean y 93.75
RMS x 69.42
RMS y 64.73
side N [adc counts]
side P [adc counts]

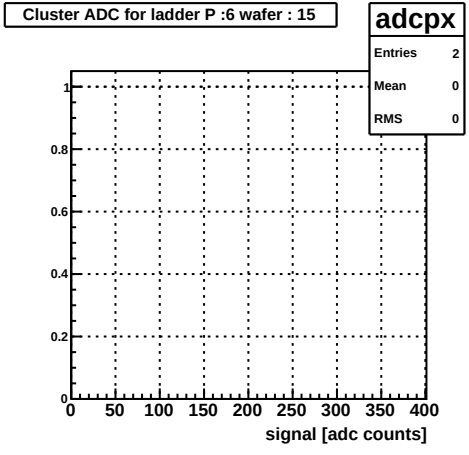

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1009
Mean 63.9
RMS 60.71
signal [adc counts]

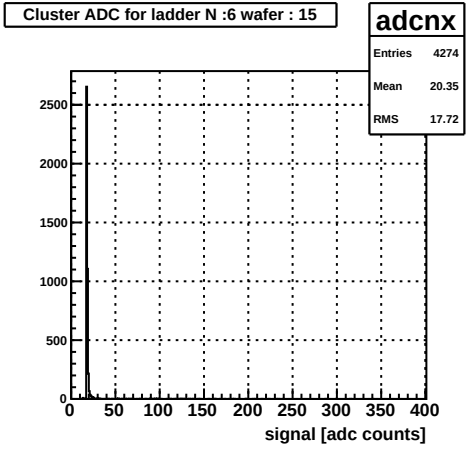

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1037
Mean 39.52
RMS 47.11
signal [adc counts]

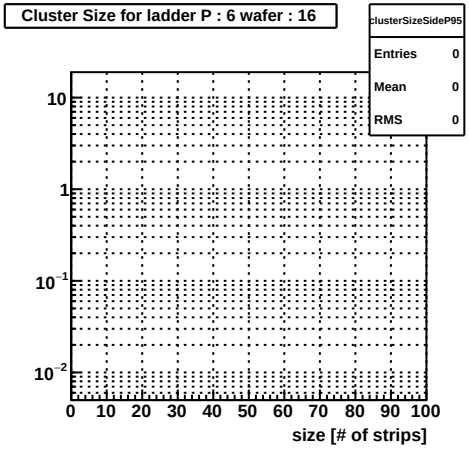

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

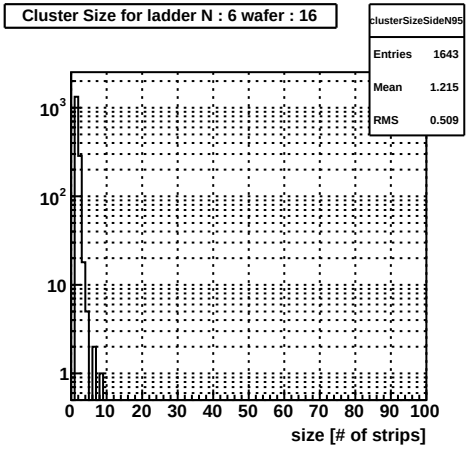

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4274
Mean 1.029
RMS 0.252
size [# of strips]

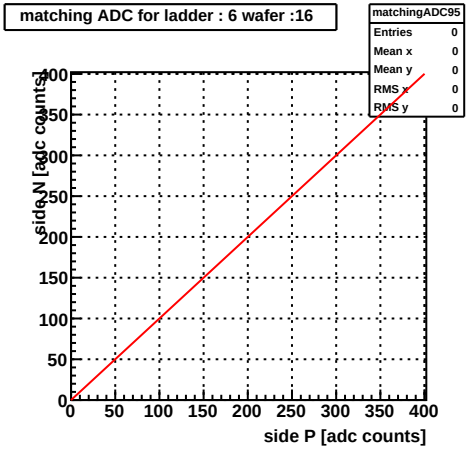

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

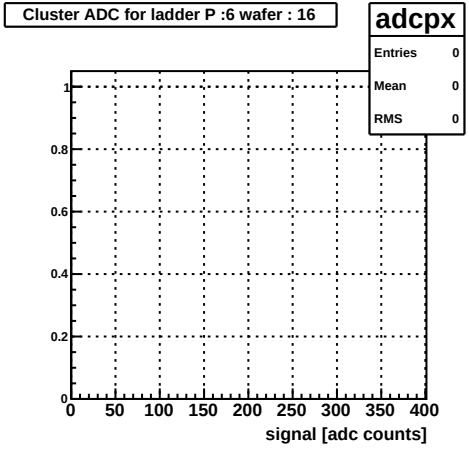

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

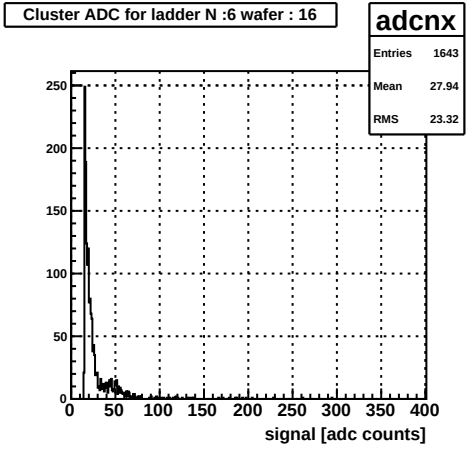

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4274
Mean 20.35
RMS 17.72
signal [adc counts]

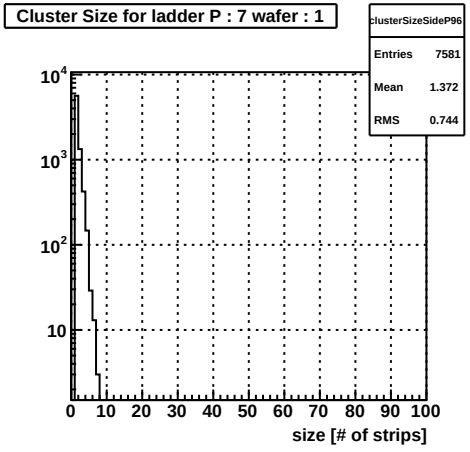

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

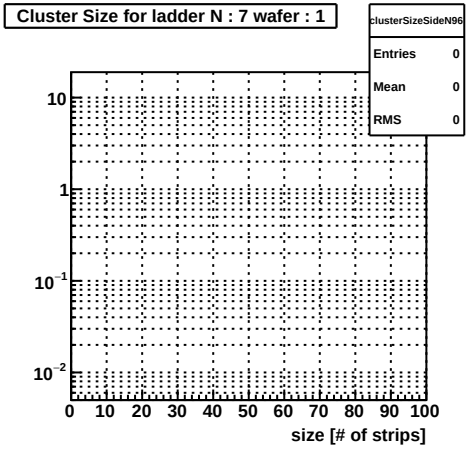

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1643
Mean 1.215
RMS 0.509
size [# of strips]

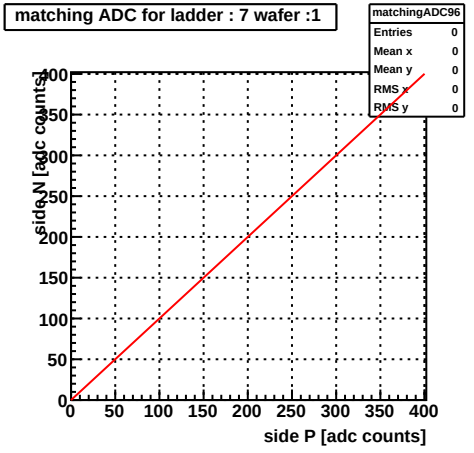

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

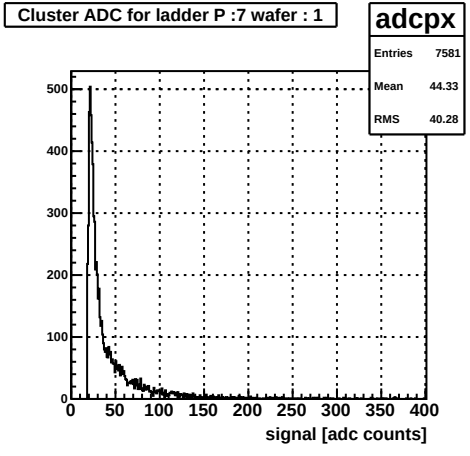

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

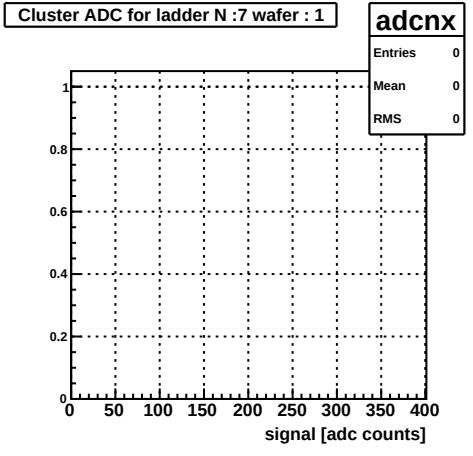

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1643
Mean 27.94
RMS 23.32
signal [adc counts]

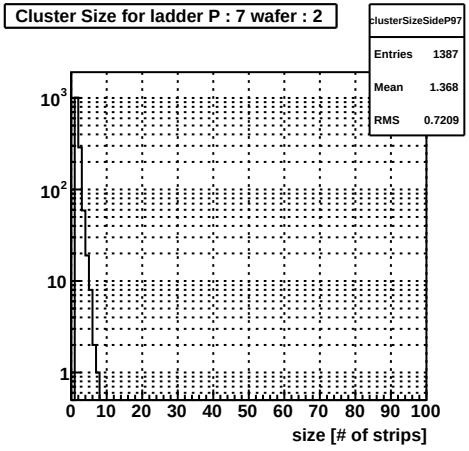

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 7581
Mean 1.372
RMS 0.744
size [# of strips]

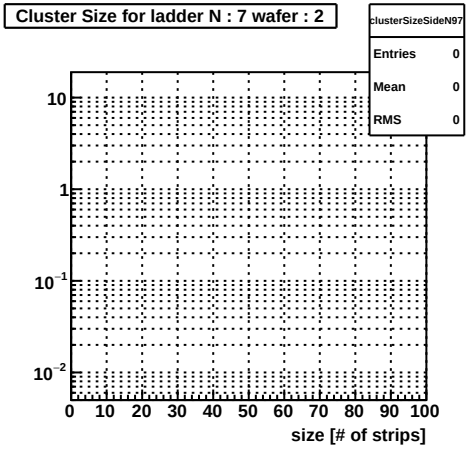

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

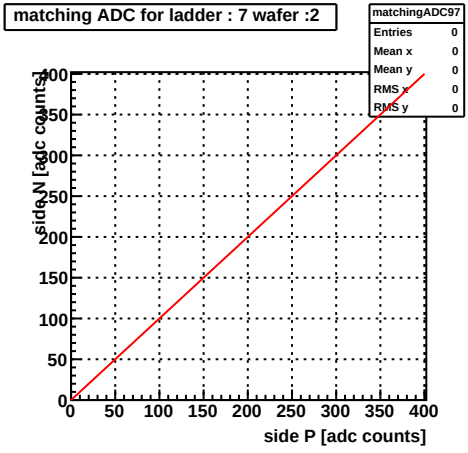

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

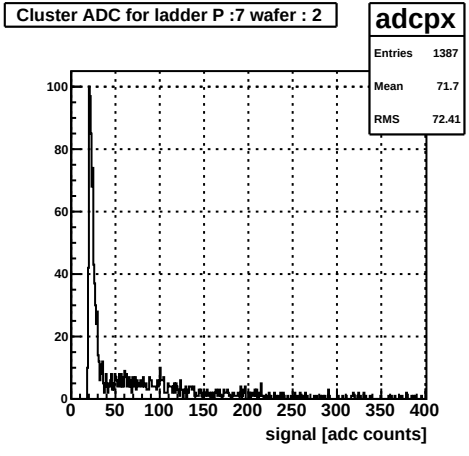

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 7581
Mean 44.33
RMS 40.28
signal [adc counts]

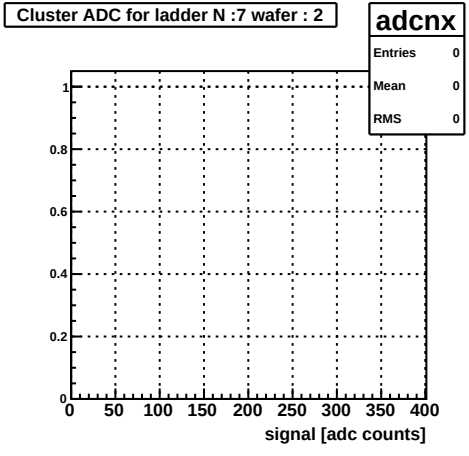

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

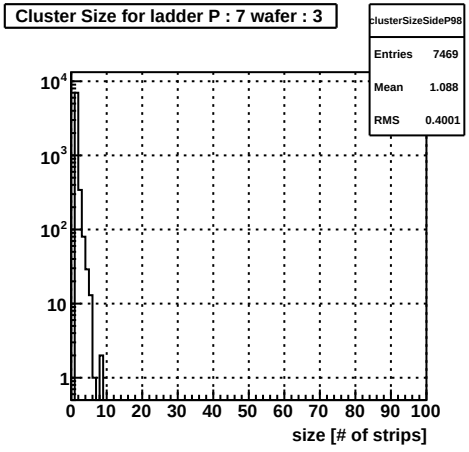

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1387
Mean 1.368
RMS 0.7209
size [# of strips]

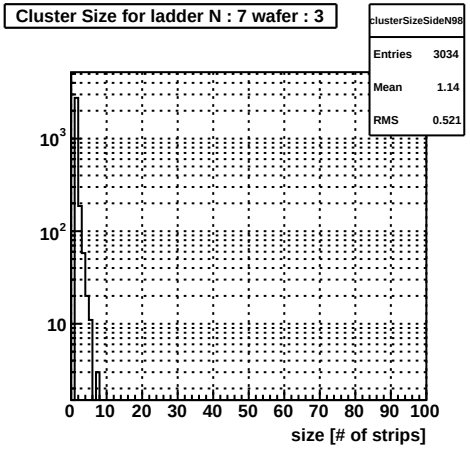

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

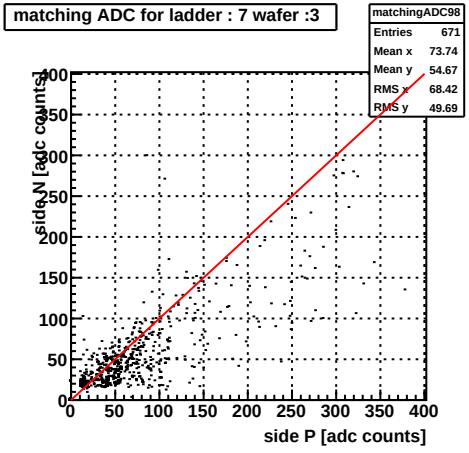

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

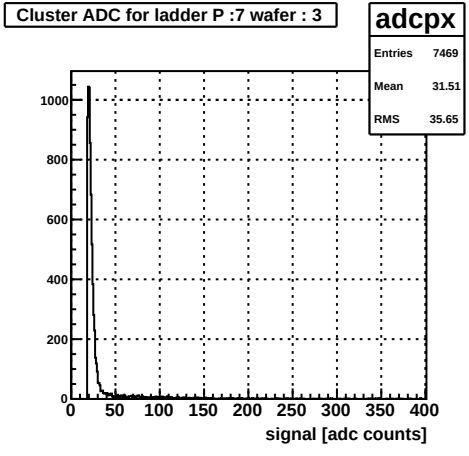

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1387
Mean 71.7
RMS 72.41
signal [adc counts]

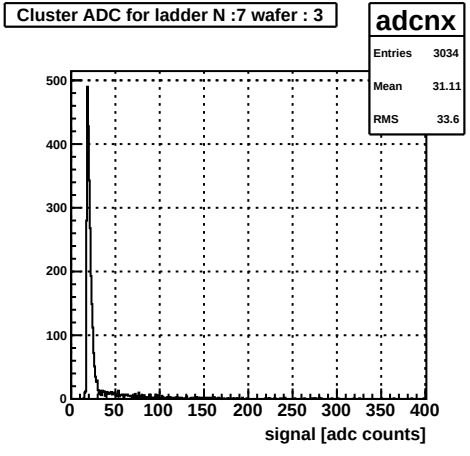

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

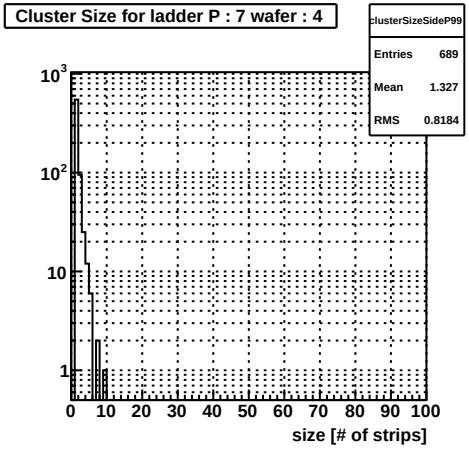

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7469
Mean 1.088
RMS 0.4001
size [# of strips]

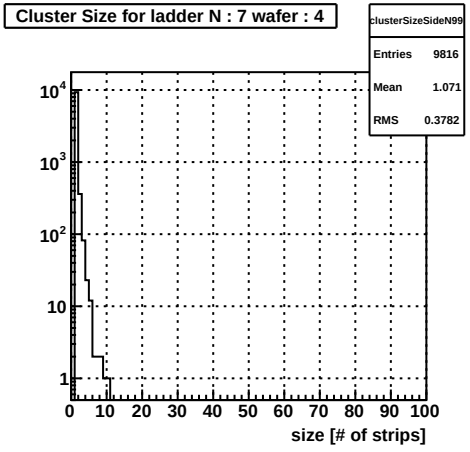

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 3034
Mean 1.14
RMS 0.521
size [# of strips]

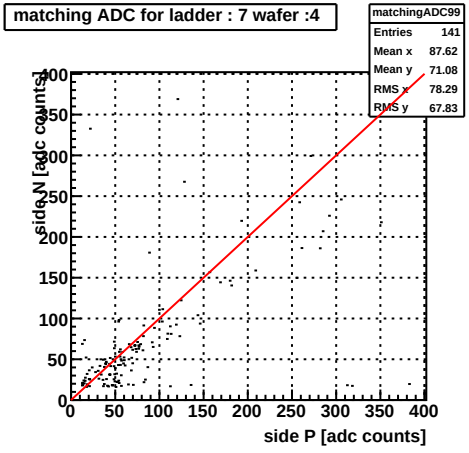

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 671
Mean x 73.74
Mean y 54.67
RMS x 68.42
RMS y 49.69
side N [adc counts]
side P [adc counts]

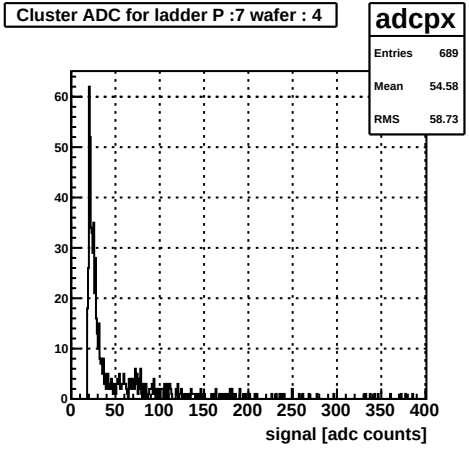

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7469
Mean 31.51
RMS 35.65
signal [adc counts]

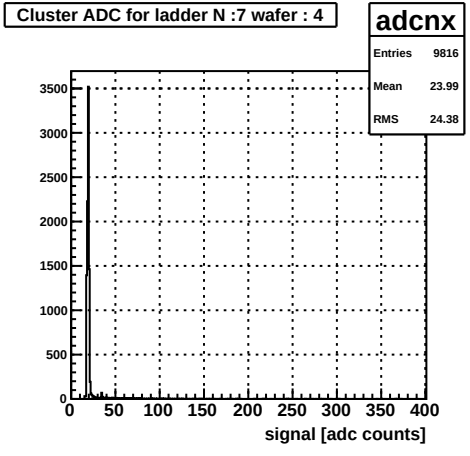

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 3034
Mean 31.11
RMS 33.6
signal [adc counts]

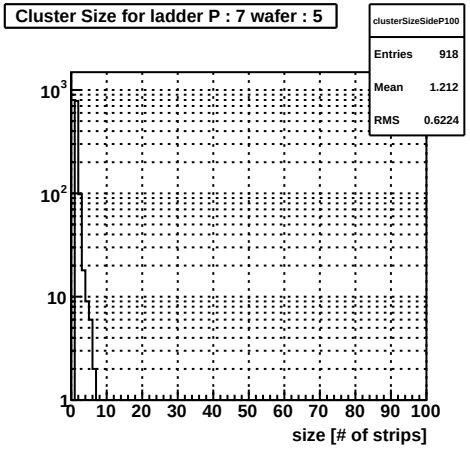

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 689
Mean 1.327
RMS 0.8184
size [# of strips]

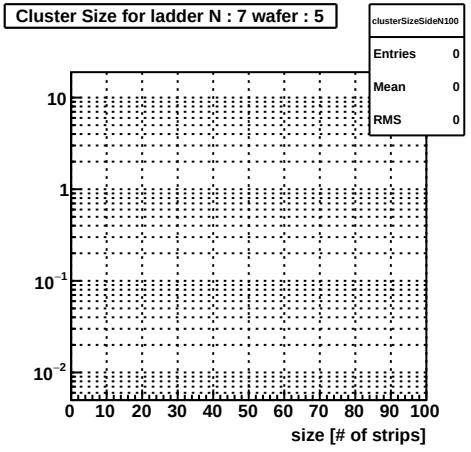

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9816
Mean 1.071
RMS 0.3782
size [# of strips]

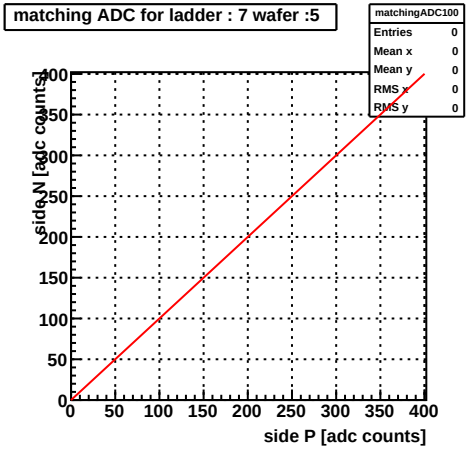

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 141
Mean x 87.62
Mean y 71.08
RMS x 78.29
RMS y 67.83
side N [adc counts]
side P [adc counts]

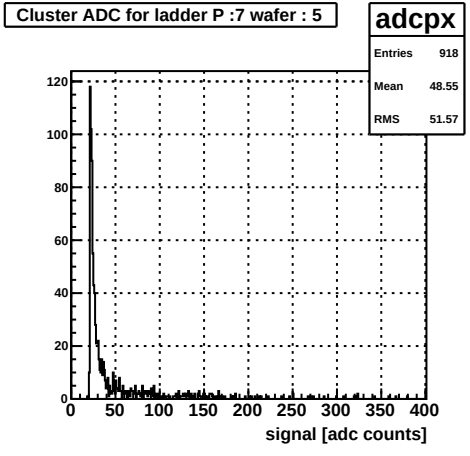

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 689
Mean 54.58
RMS 58.73
signal [adc counts]

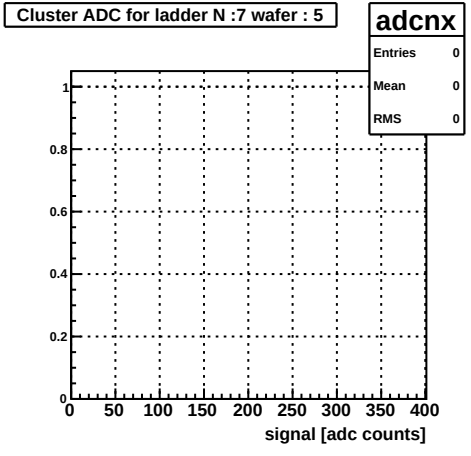

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9816
Mean 23.99
RMS 24.38
signal [adc counts]

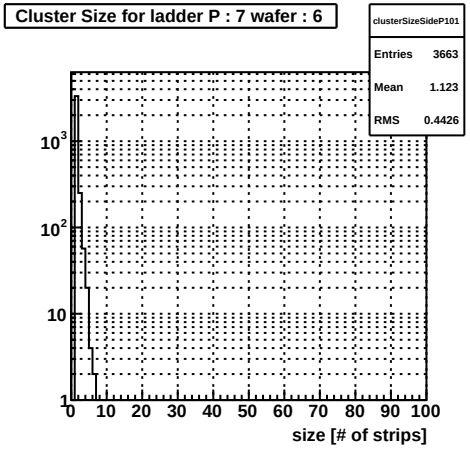

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 918
Mean 1.212
RMS 0.6224
size [# of strips]

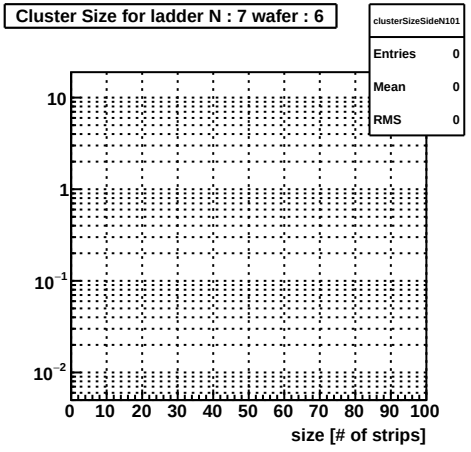

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

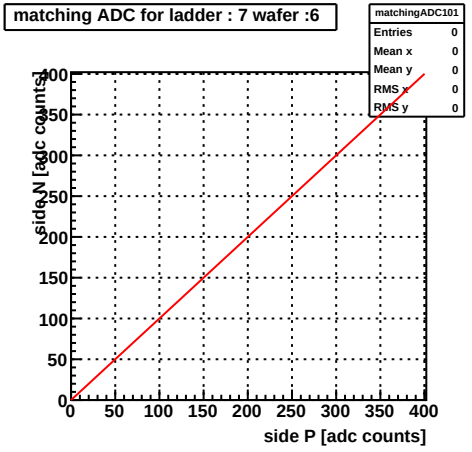

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

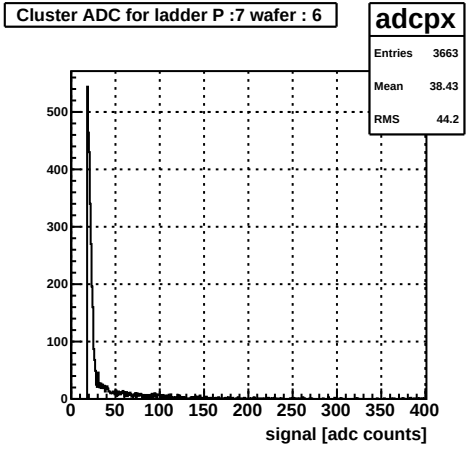

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 918
Mean 48.55
RMS 51.57
signal [adc counts]

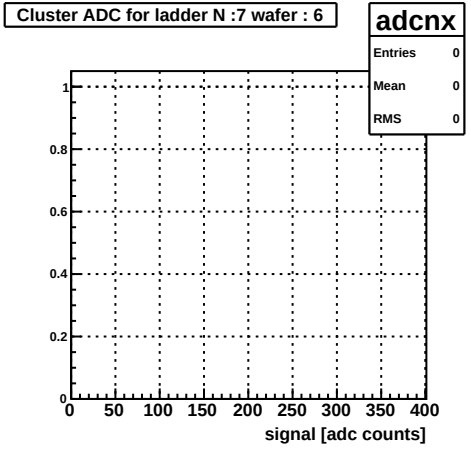

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

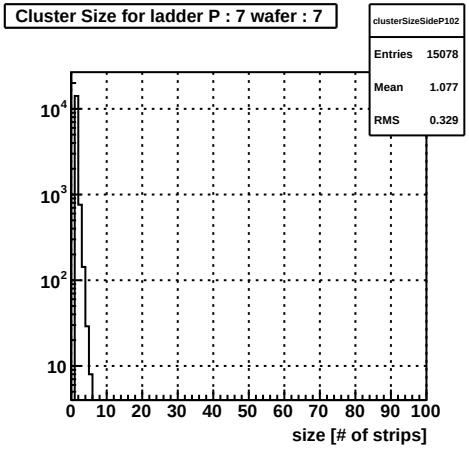

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3663
Mean 1.123
RMS 0.4426
size [# of strips]

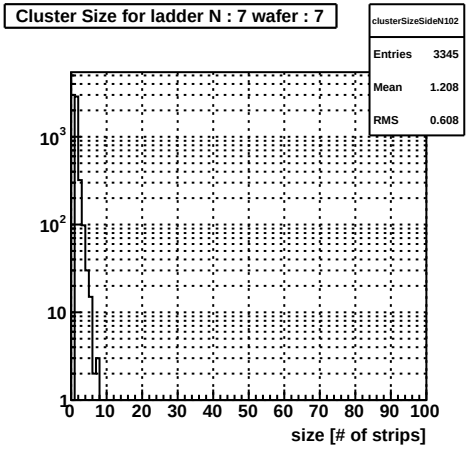

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

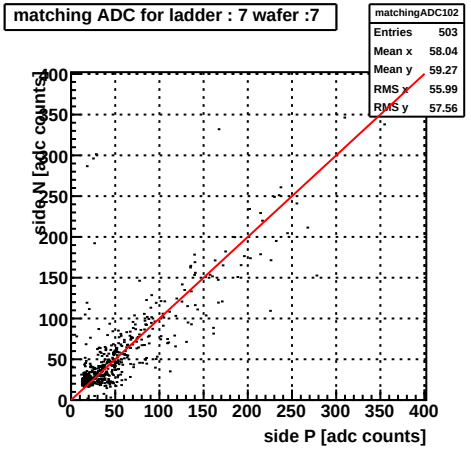

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

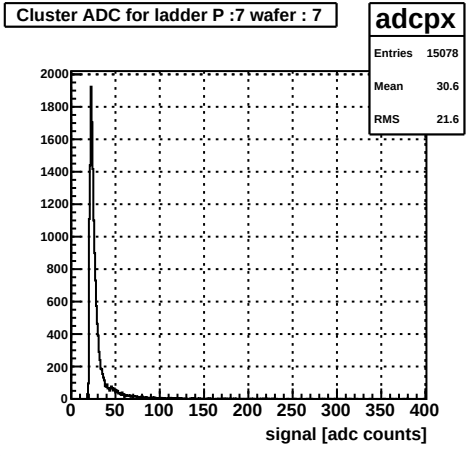

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3663
Mean 38.43
RMS 44.2
signal [adc counts]

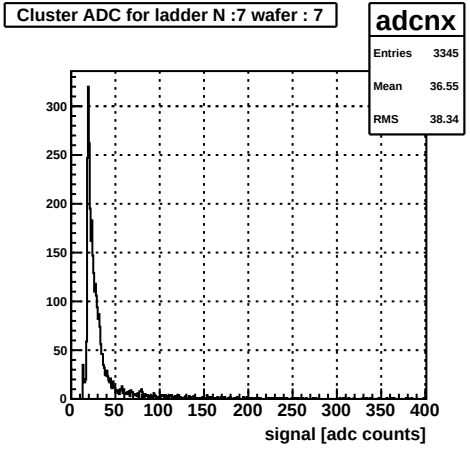

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

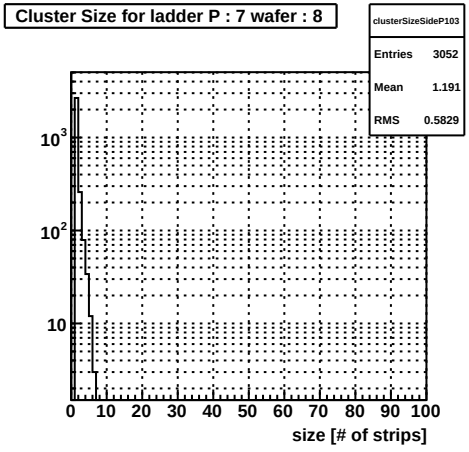

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 15078
Mean 1.077
RMS 0.329
size [# of strips]

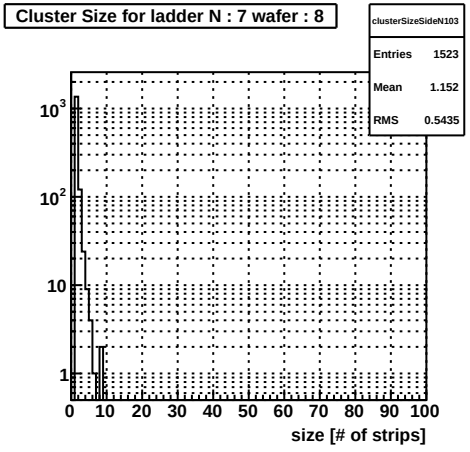

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3345
Mean 1.208
RMS 0.608
size [# of strips]

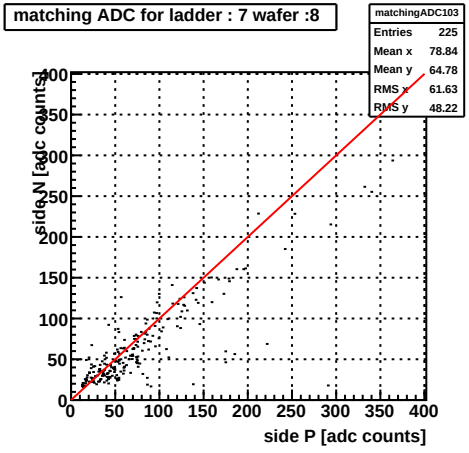

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 503
Mean x 58.04
Mean y 59.27
RMS x 55.99
RMS y 57.56
side N [adc counts]
side P [adc counts]

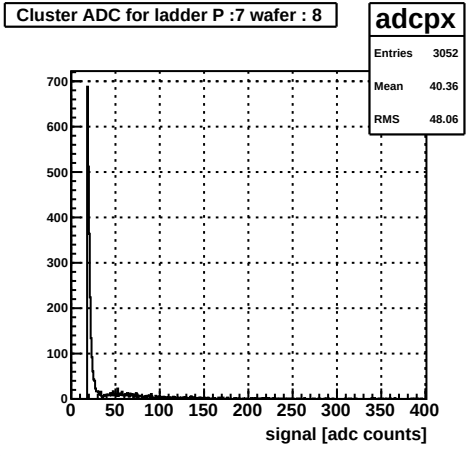

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 15078
Mean 30.6
RMS 21.6
signal [adc counts]

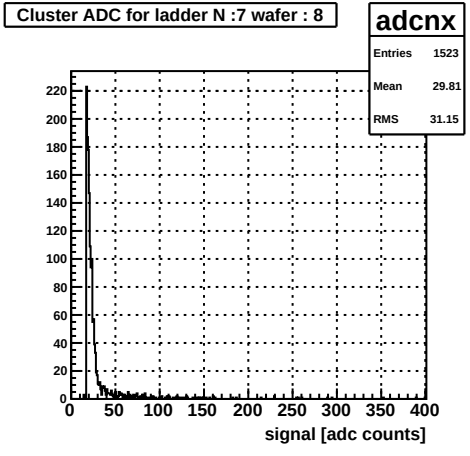

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3345
Mean 36.55
RMS 38.34
signal [adc counts]

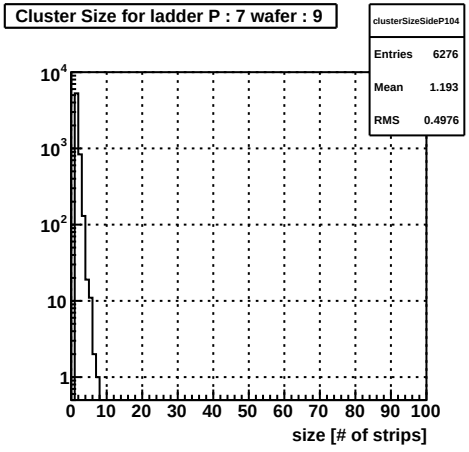

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3052
Mean 1.191
RMS 0.5829
size [# of strips]

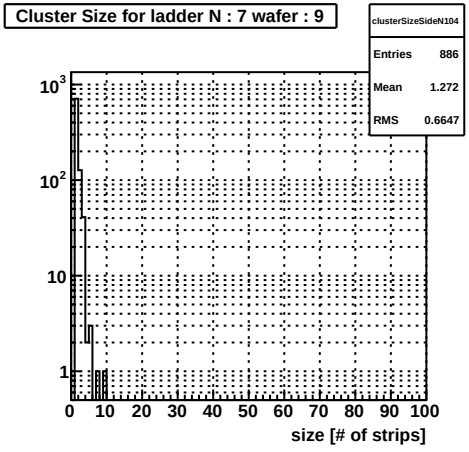

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1523
Mean 1.152
RMS 0.5435
size [# of strips]

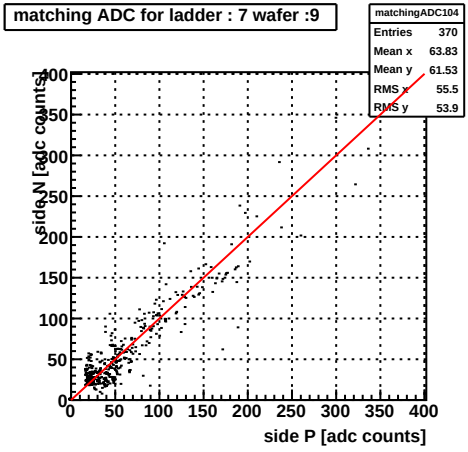

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 225
Mean x 78.84
Mean y 64.78
RMS x 61.63
RMS y 48.22
side N [adc counts]
side P [adc counts]

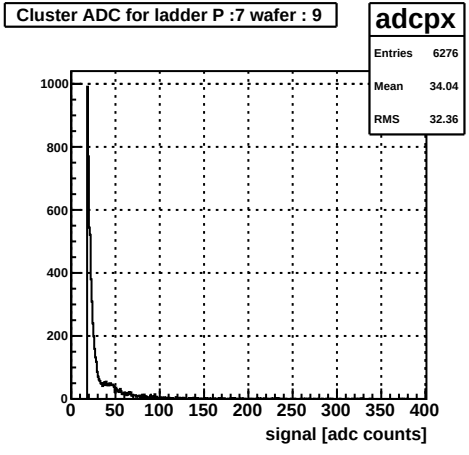

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3052
Mean 40.36
RMS 48.06
signal [adc counts]

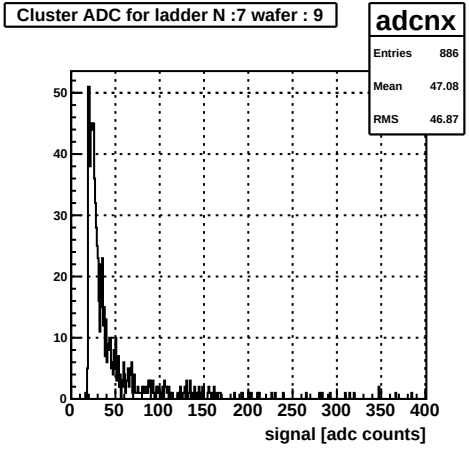

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1523
Mean 29.81
RMS 31.15
signal [adc counts]

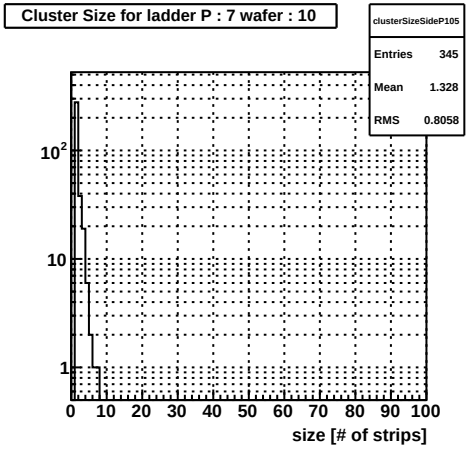

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6276
Mean 1.193
RMS 0.4976
size [# of strips]

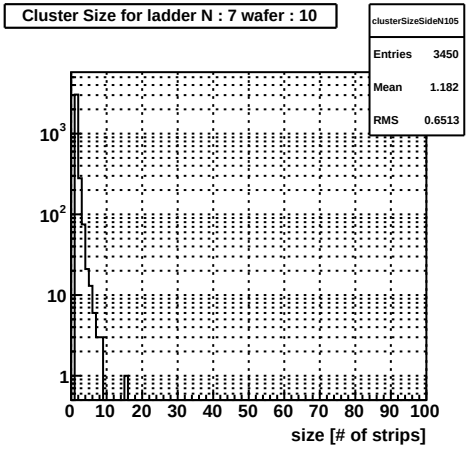

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 886
Mean 1.272
RMS 0.6647
size [# of strips]

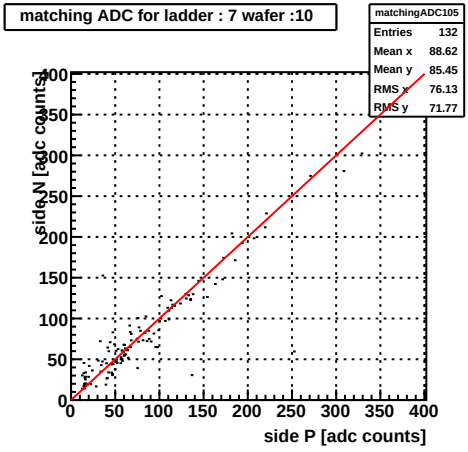

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 370
Mean x 63.83
Mean y 61.53
RMS x 55.5
RMS y 53.9
side N [adc counts]
side P [adc counts]

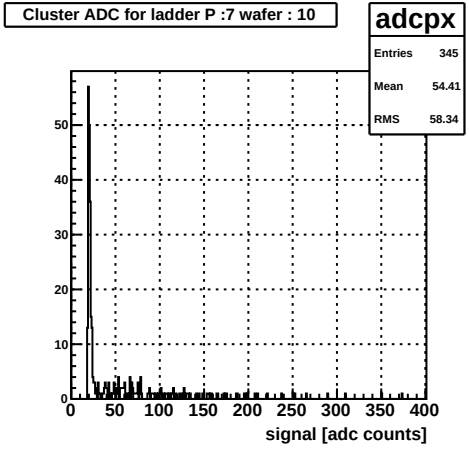

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6276
Mean 34.04
RMS 32.36
signal [adc counts]

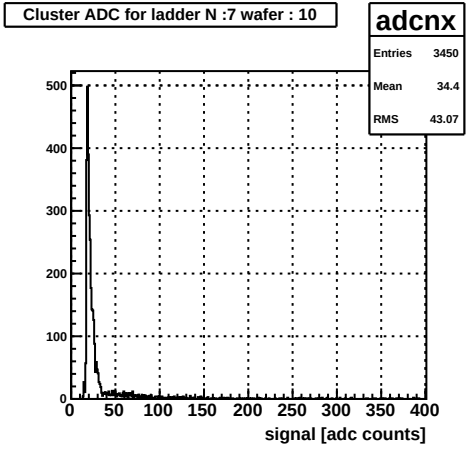

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 886
Mean 47.08
RMS 46.87
signal [adc counts]

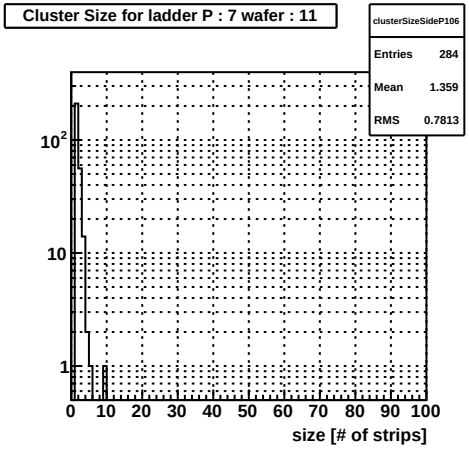

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 345
Mean 1.328
RMS 0.8058
size [# of strips]

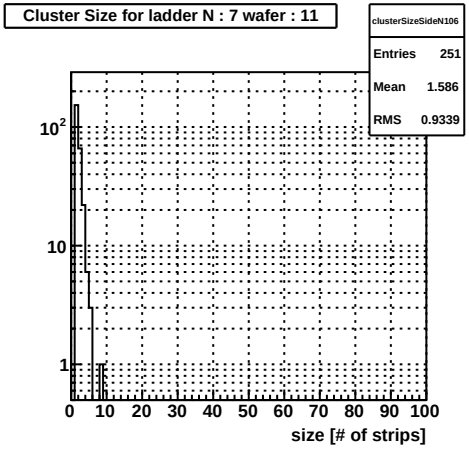

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3450
Mean 1.182
RMS 0.6513
size [# of strips]

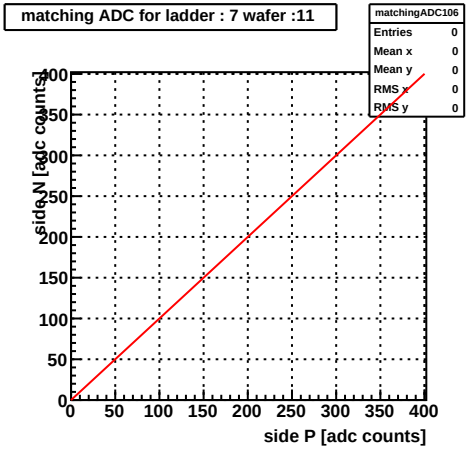

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 132
Mean x 88.62
Mean y 85.45
RMS x 76.13
RMS y 71.77
side N [adc counts]
side P [adc counts]

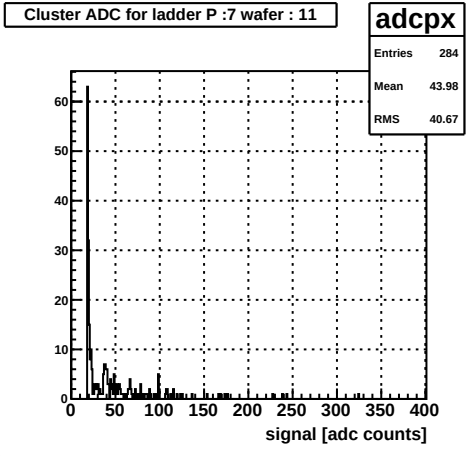

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 345
Mean 54.41
RMS 58.34
signal [adc counts]

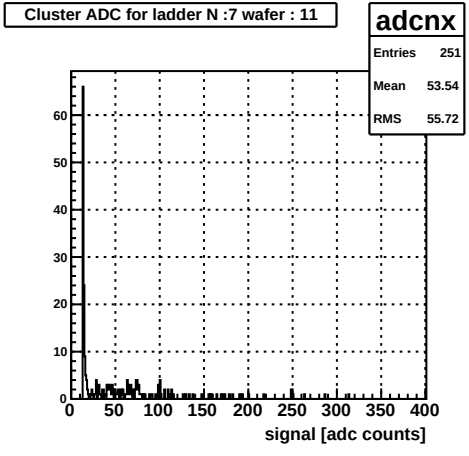

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3450
Mean 34.4
RMS 43.07
signal [adc counts]

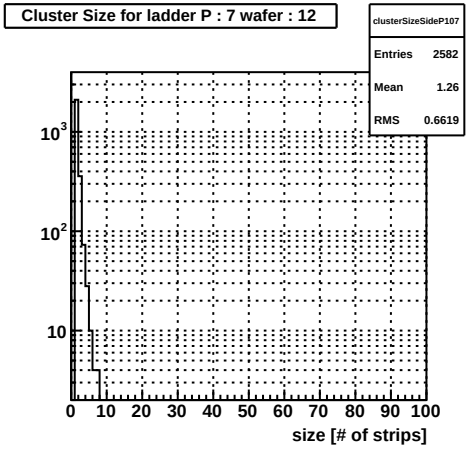

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 284
Mean 1.359
RMS 0.7813
size [# of strips]

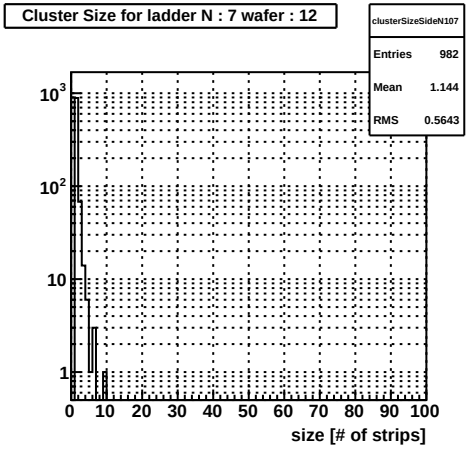

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 251
Mean 1.586
RMS 0.9339
size [# of strips]

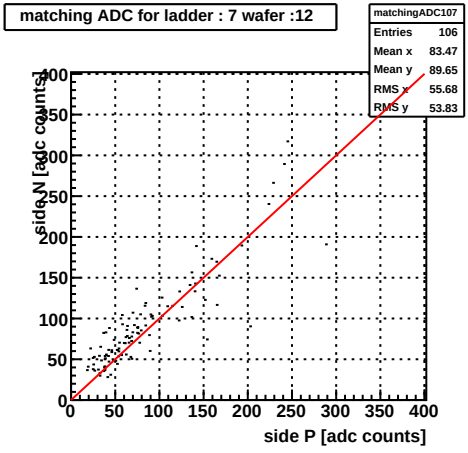

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

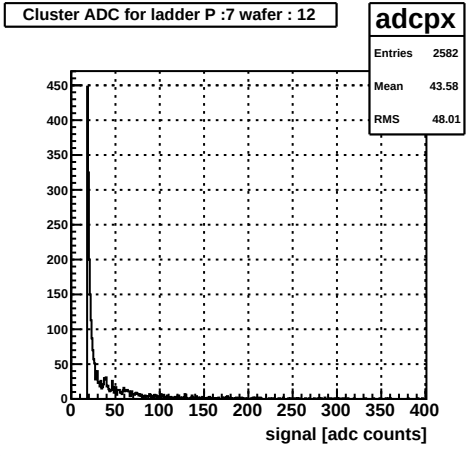

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 284
Mean 43.98
RMS 40.67
signal [adc counts]

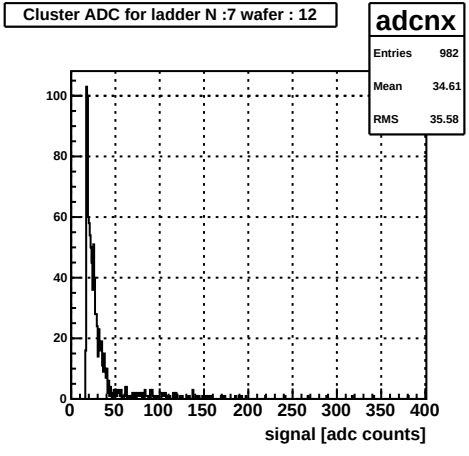

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 251
Mean 53.54
RMS 55.72
signal [adc counts]

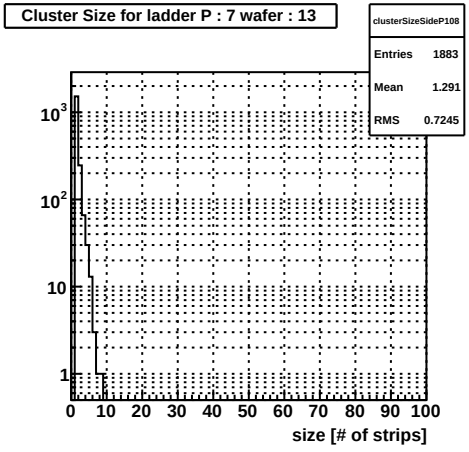

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2582
Mean 1.26
RMS 0.6619
size [# of strips]

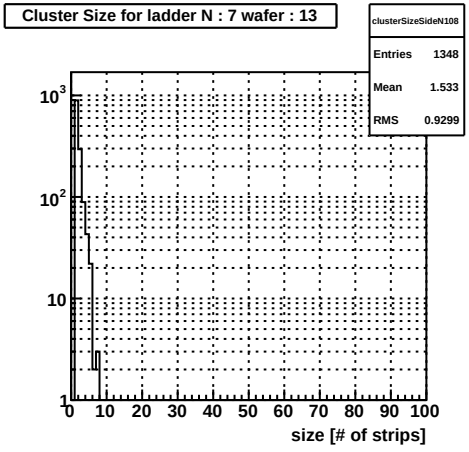

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 982
Mean 1.144
RMS 0.5643
size [# of strips]

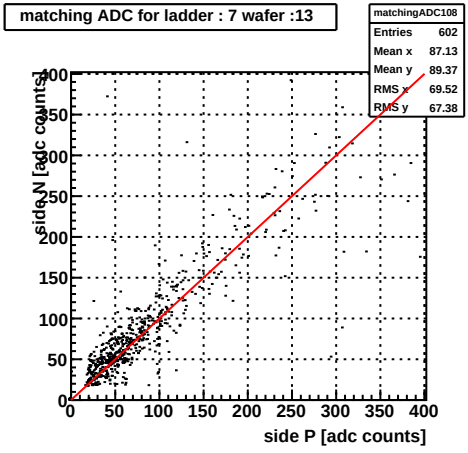

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 106
Mean x 83.47
Mean y 89.65
RMS x 55.68
RMS y 53.83
side N [adc counts]
side P [adc counts]

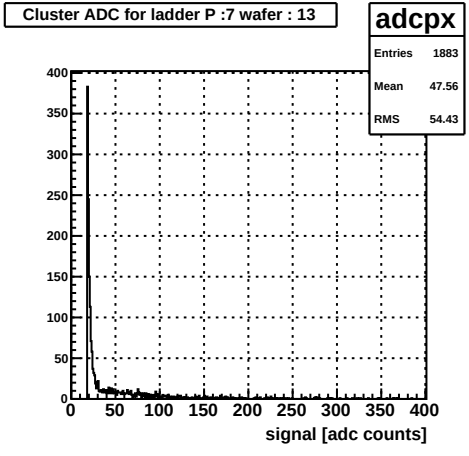

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2582
Mean 43.58
RMS 48.01
signal [adc counts]

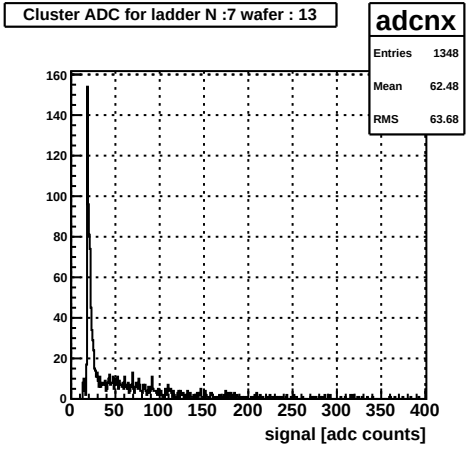

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 982
Mean 34.61
RMS 35.58
signal [adc counts]

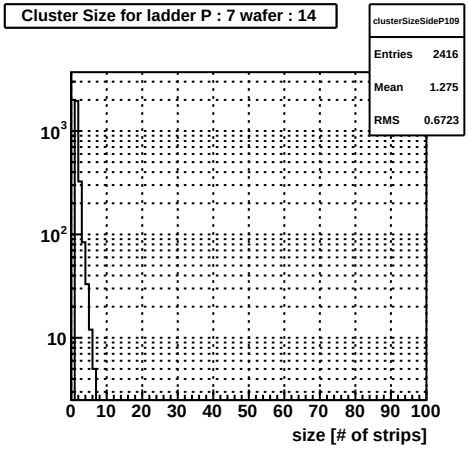

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1883
Mean 1.291
RMS 0.7245
size [# of strips]

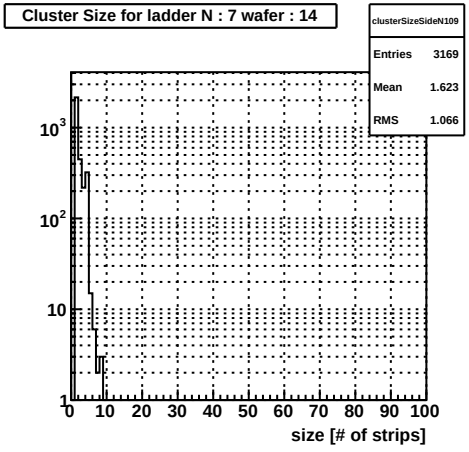

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1348
Mean 1.533
RMS 0.9299
size [# of strips]

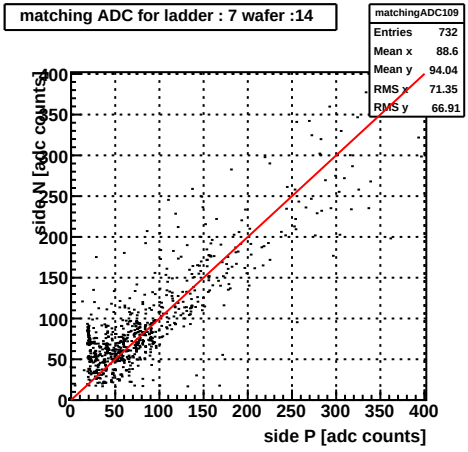

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 602
Mean x 87.13
Mean y 89.37
RMS x 69.52
RMS y 67.38
side N [adc counts]
side P [adc counts]

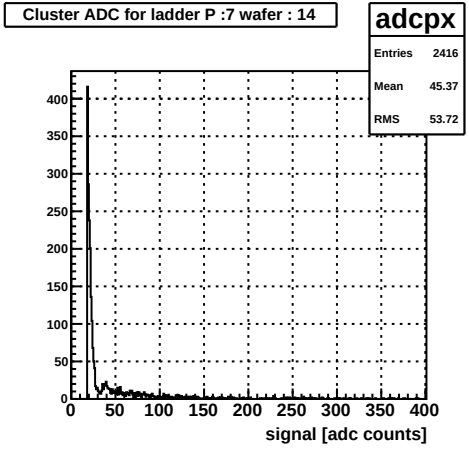

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1883
Mean 47.56
RMS 54.43
signal [adc counts]

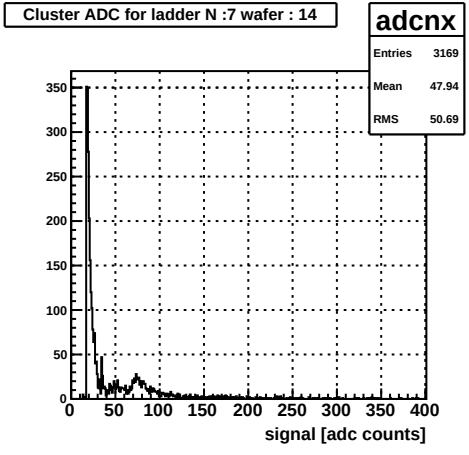

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1348
Mean 62.48
RMS 63.68
signal [adc counts]

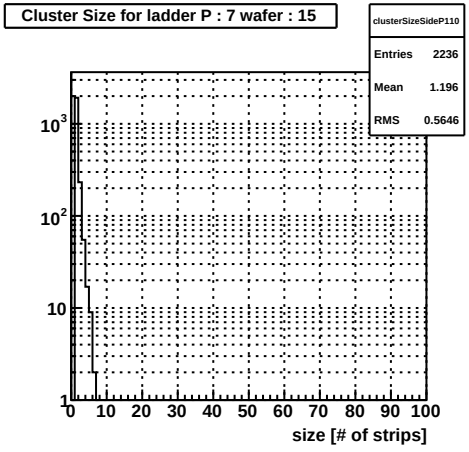

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2416
Mean 1.275
RMS 0.6723
size [# of strips]

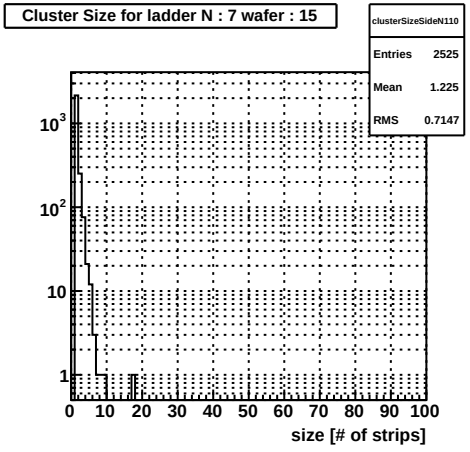

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 3169
Mean 1.623
RMS 1.066
size [# of strips]

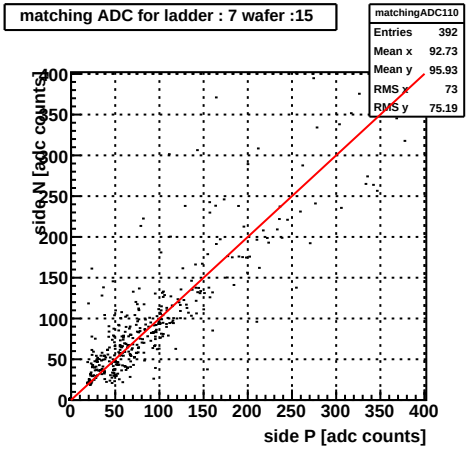

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 732
Mean x 88.6
Mean y 94.04
RMS x 71.35
RMS y 66.91
side N [adc counts]
side P [adc counts]

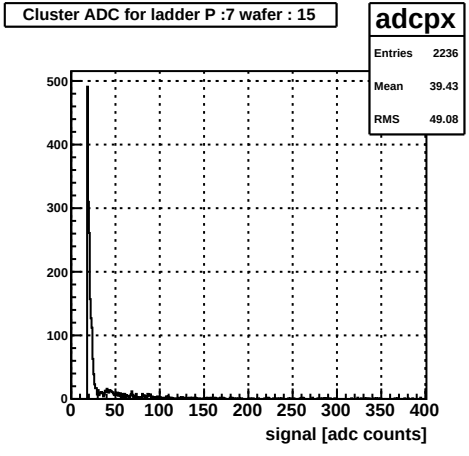

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2416
Mean 45.37
RMS 53.72
signal [adc counts]

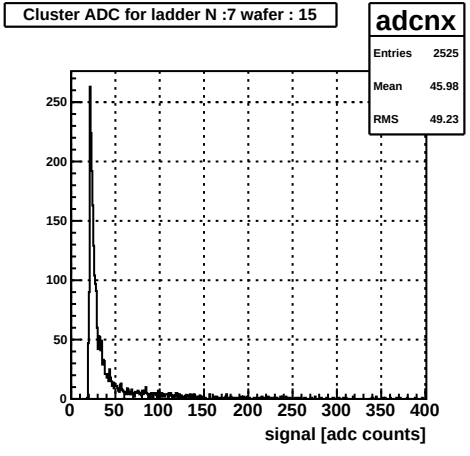

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 3169
Mean 47.94
RMS 50.69
signal [adc counts]

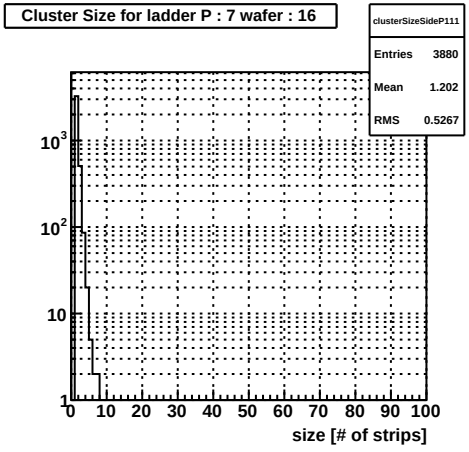

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2236
Mean 1.196
RMS 0.5646
size [# of strips]

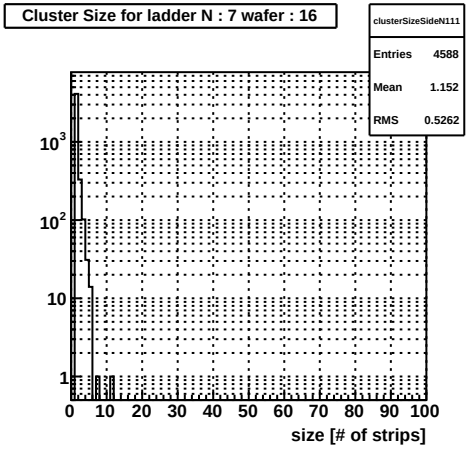

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2525
Mean 1.225
RMS 0.7147
size [# of strips]

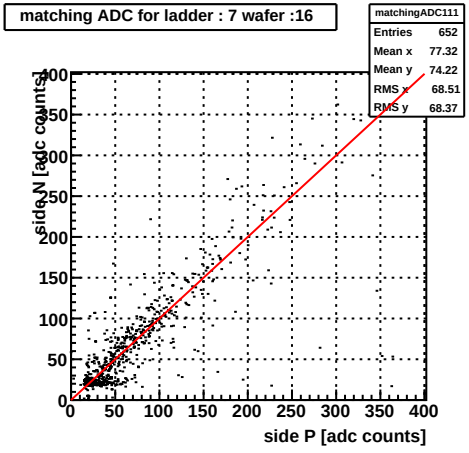

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 392
Mean x 92.73
Mean y 95.93
RMS x 73
RMS y 75.19
side N [adc counts]
side P [adc counts]

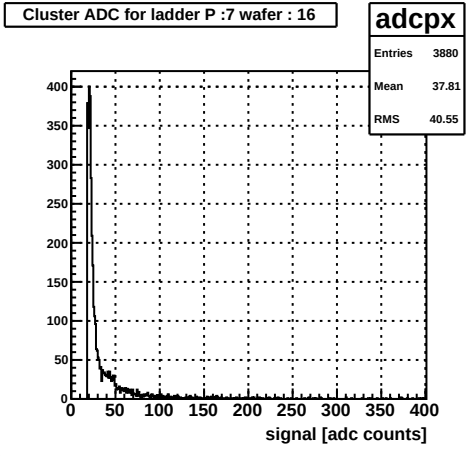

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2236
Mean 39.43
RMS 49.08
signal [adc counts]

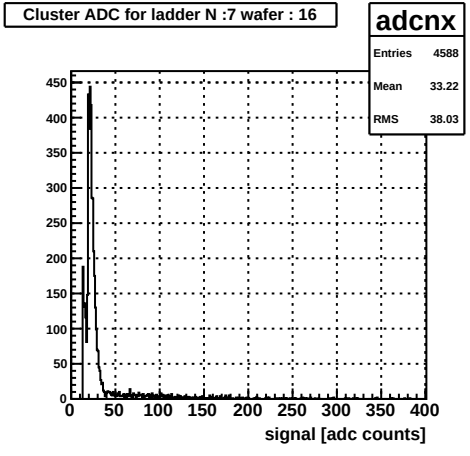

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2525
Mean 45.98
RMS 49.23
signal [adc counts]

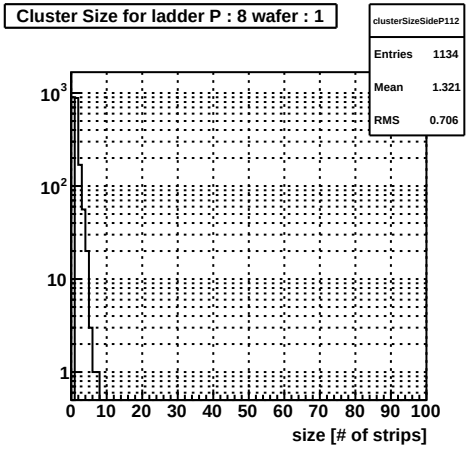

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3880
Mean 1.202
RMS 0.5267
size [# of strips]

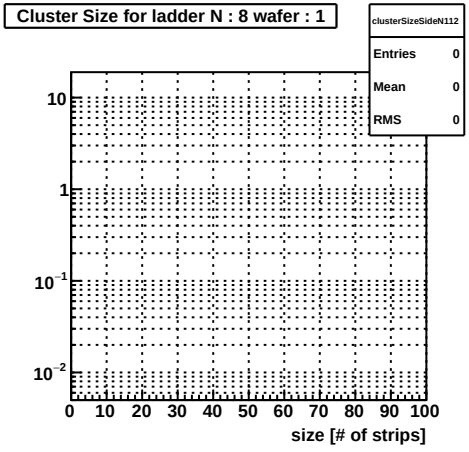

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 4588
Mean 1.152
RMS 0.5262
size [# of strips]

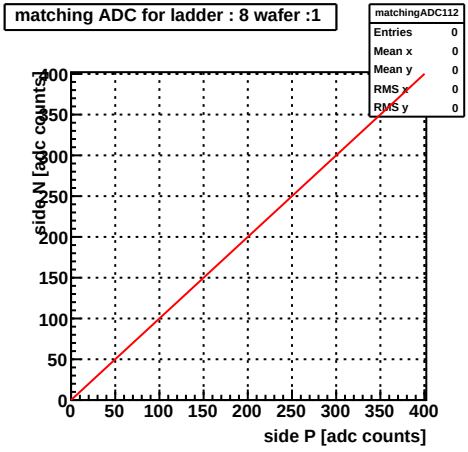

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 652
Mean x 77.32
Mean y 74.22
RMS x 68.51
RMS y 68.37
side N [adc counts]
side P [adc counts]

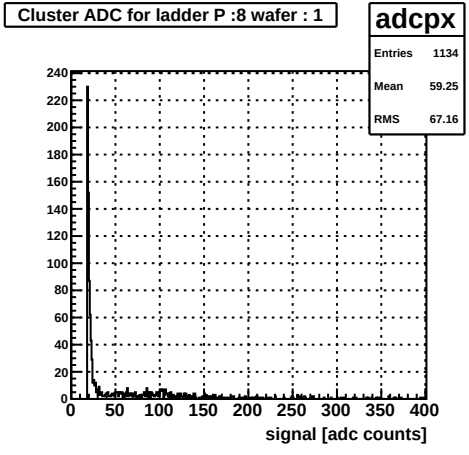

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3880
Mean 37.81
RMS 40.55
signal [adc counts]

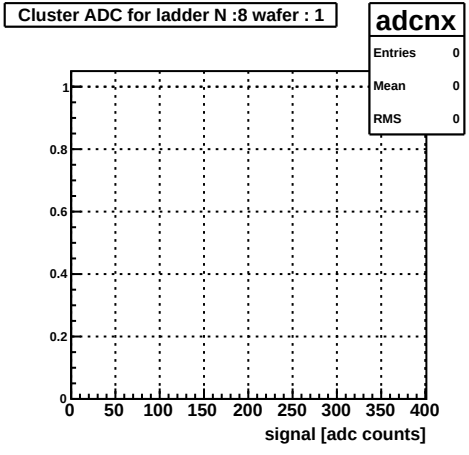

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 4588
Mean 33.22
RMS 38.03
signal [adc counts]

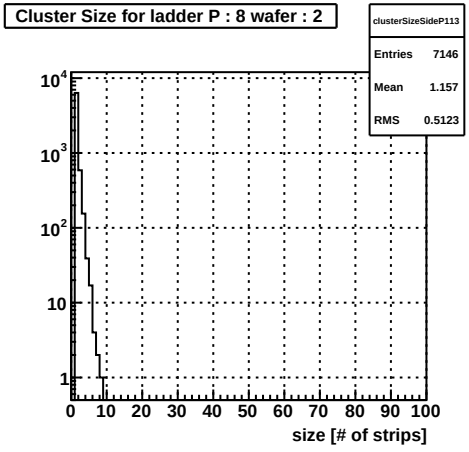

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1134
Mean 1.321
RMS 0.706
size [# of strips]

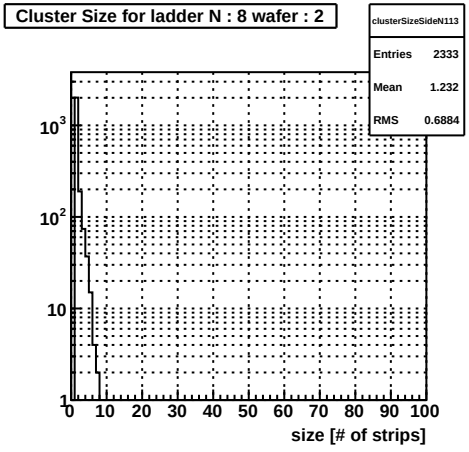

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

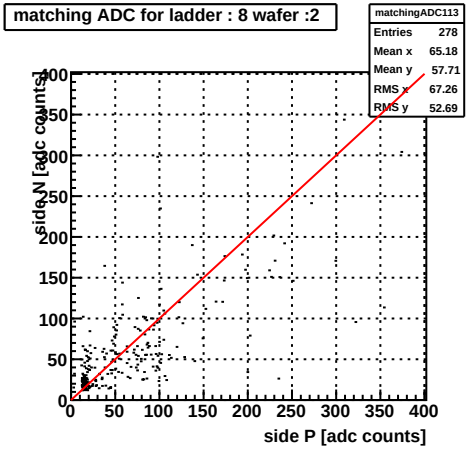

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

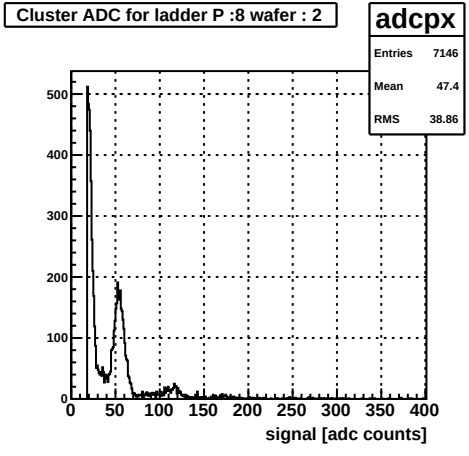

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1134
Mean 59.25
RMS 67.16
signal [adc counts]

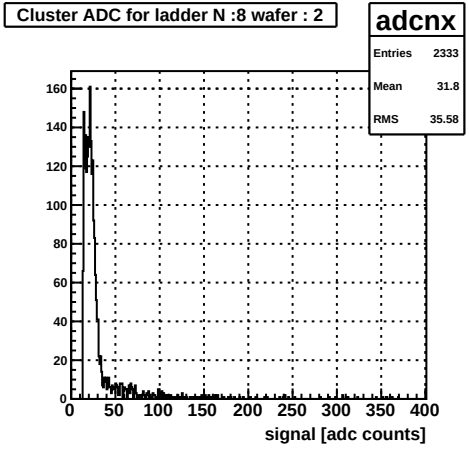

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

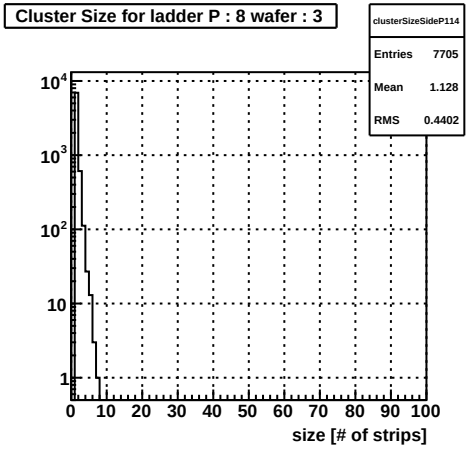

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7146
Mean 1.157
RMS 0.5123
size [# of strips]

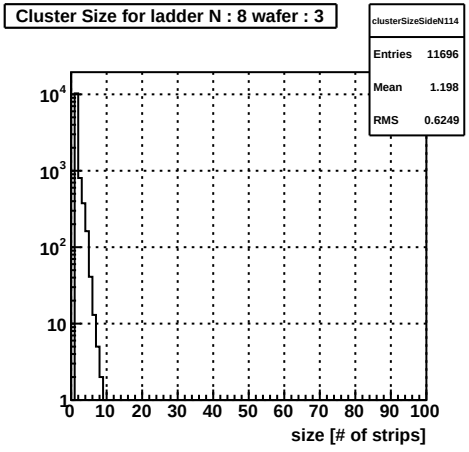

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2333
Mean 1.232
RMS 0.6884
size [# of strips]

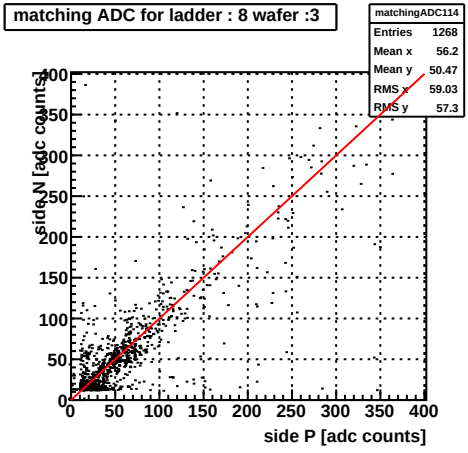

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 278
Mean x 65.18
Mean y 57.71
RMS x 67.26
RMS y 52.69
side N [adc counts]
side P [adc counts]

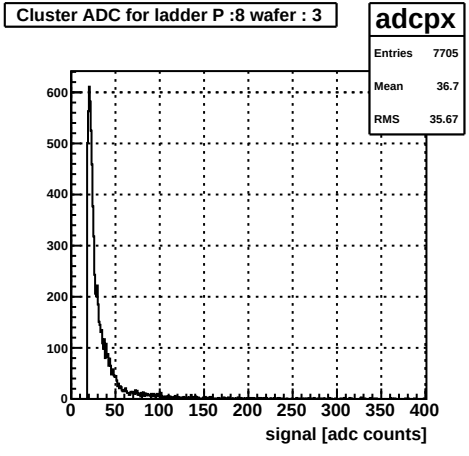

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7146
Mean 47.4
RMS 38.86
signal [adc counts]

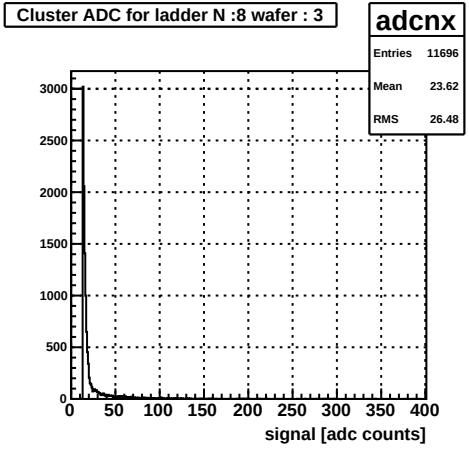

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2333
Mean 31.8
RMS 35.58
signal [adc counts]

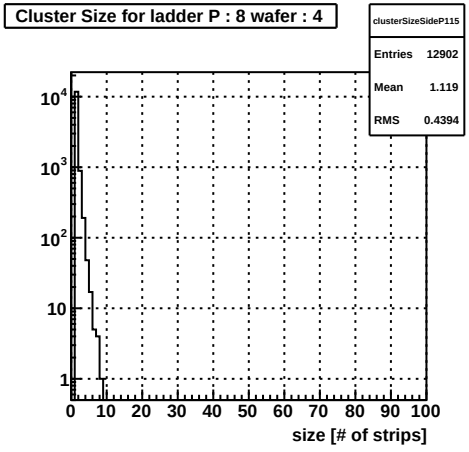

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7705
Mean 1.128
RMS 0.4402
size [# of strips]

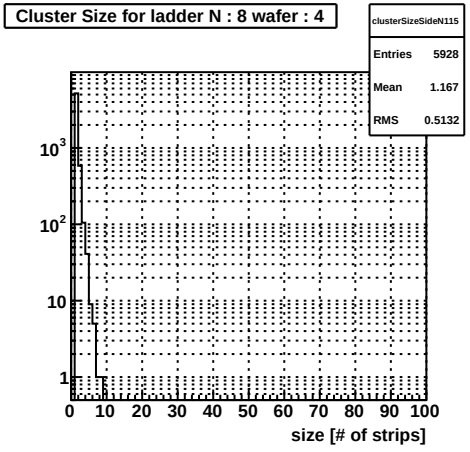

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11696
Mean 1.198
RMS 0.6249
size [# of strips]

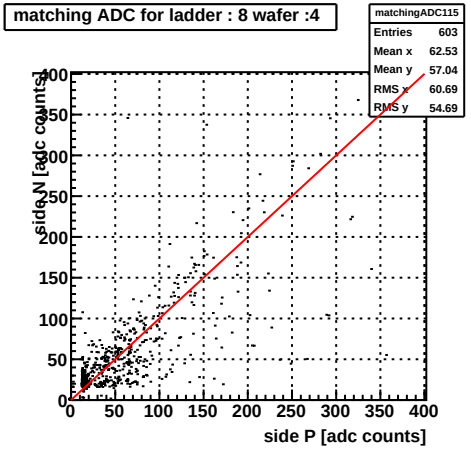

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1268
Mean x 56.2
Mean y 50.47
RMS x 59.03
RMS y 57.3
side N [adc counts]
side P [adc counts]

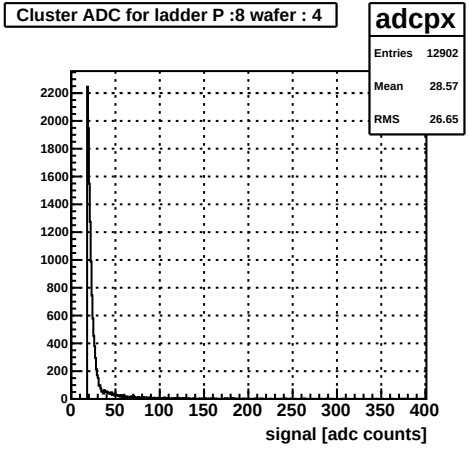

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7705
Mean 36.7
RMS 35.67
signal [adc counts]

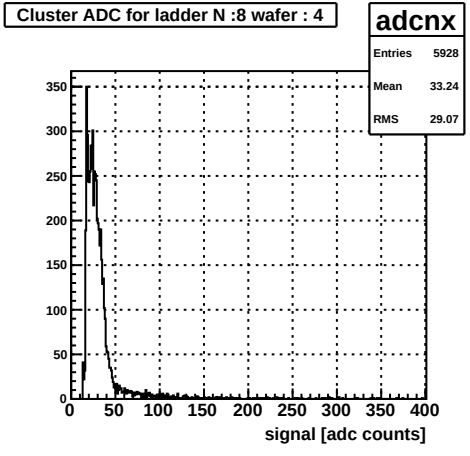

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11696
Mean 23.62
RMS 26.48
signal [adc counts]

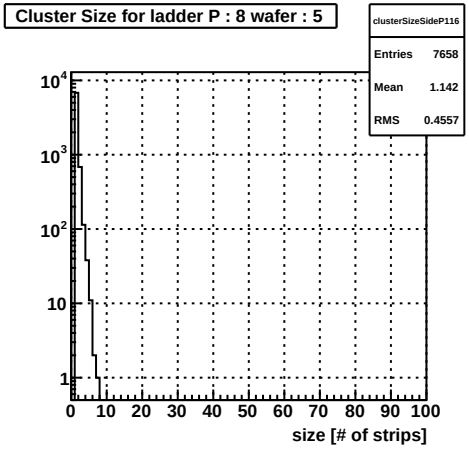

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12902
Mean 1.119
RMS 0.4394
size [# of strips]

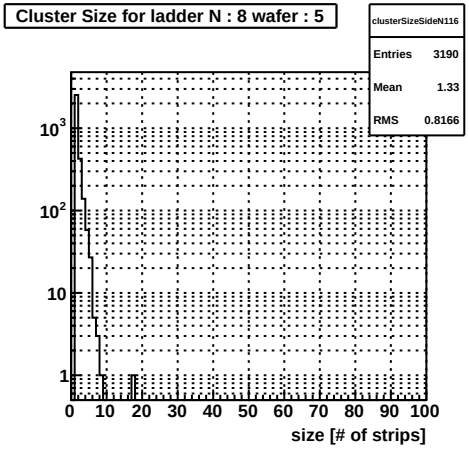

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5928
Mean 1.167
RMS 0.5132
size [# of strips]

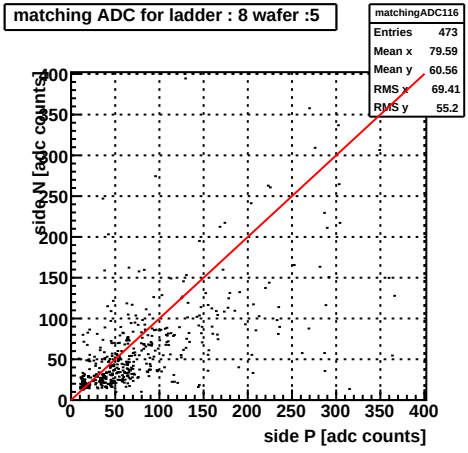

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 603
Mean x 62.53
Mean y 57.04
RMS x 60.69
RMS y 54.69
side N [adc counts]
side P [adc counts]

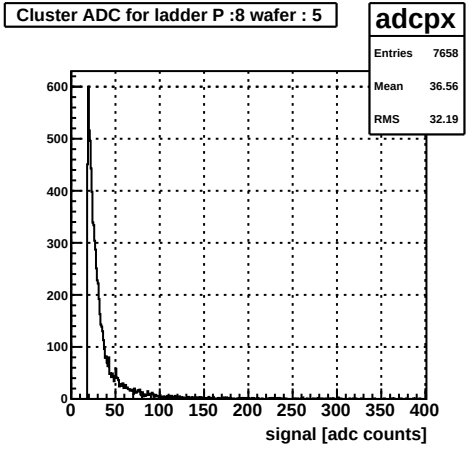

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12902
Mean 28.57
RMS 26.65
signal [adc counts]

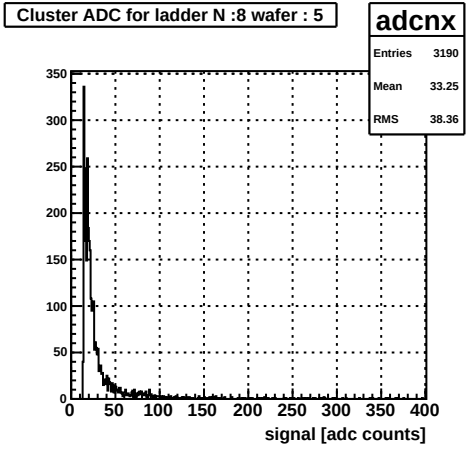

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5928
Mean 33.24
RMS 29.07
signal [adc counts]

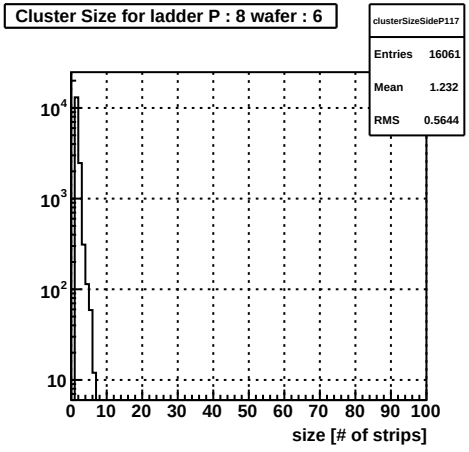

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7658
Mean 1.142
RMS 0.4557
size [# of strips]

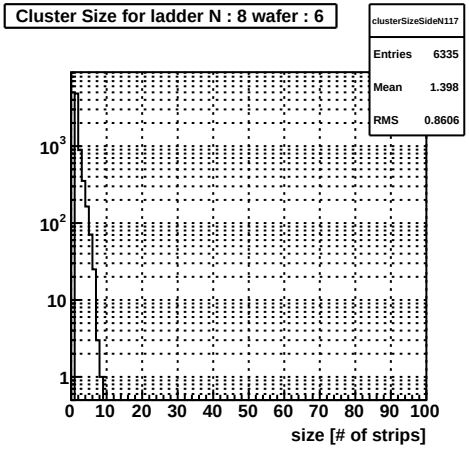

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3190
Mean 1.33
RMS 0.8166
size [# of strips]

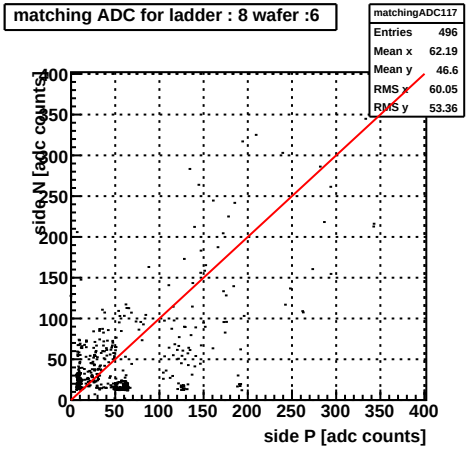

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 473
Mean x 79.59
Mean y 60.56
RMS x 69.41
RMS y 55.2
side N [adc counts]
side P [adc counts]

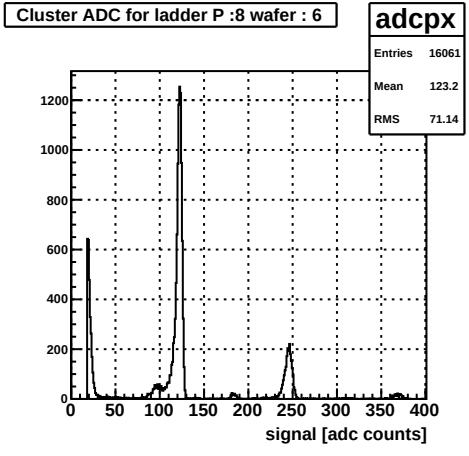

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7658
Mean 36.56
RMS 32.19
signal [adc counts]

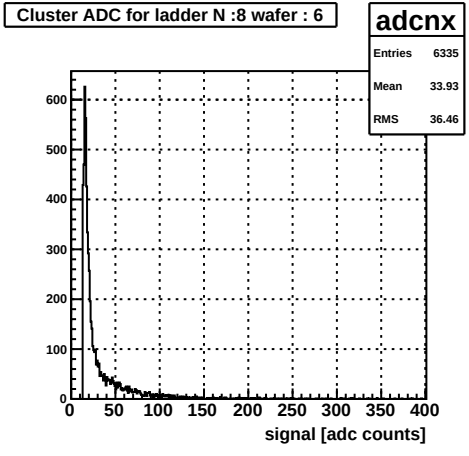

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3190
Mean 33.25
RMS 38.36
signal [adc counts]

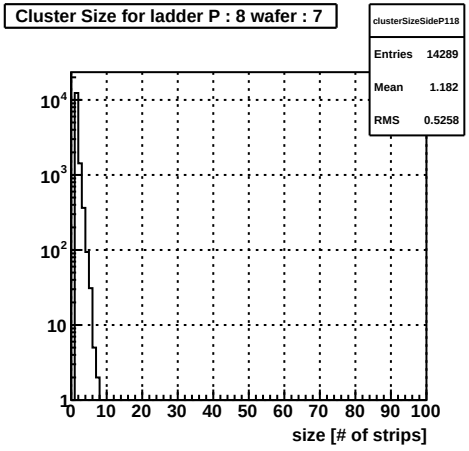

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16061
Mean 1.232
RMS 0.5644
size [# of strips]

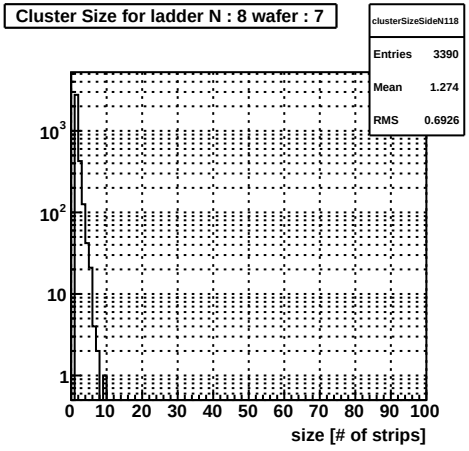

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6335
Mean 1.398
RMS 0.8606
size [# of strips]

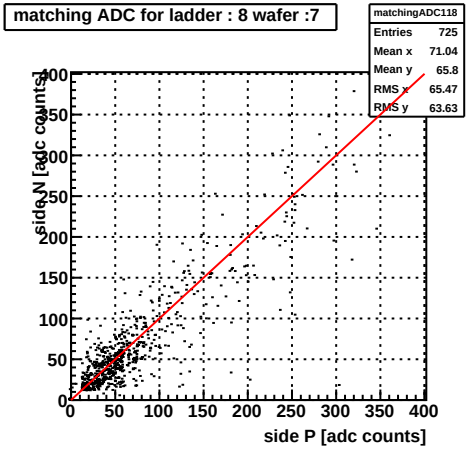

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 496
Mean x 62.19
Mean y 46.6
RMS x 60.05
RMS y 53.36
side N [adc counts]
side P [adc counts]

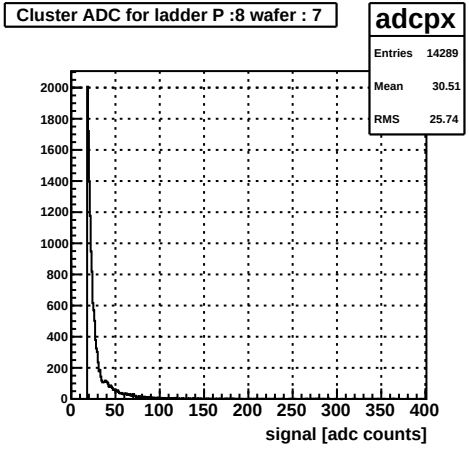

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16061
Mean 123.2
RMS 71.14
signal [adc counts]

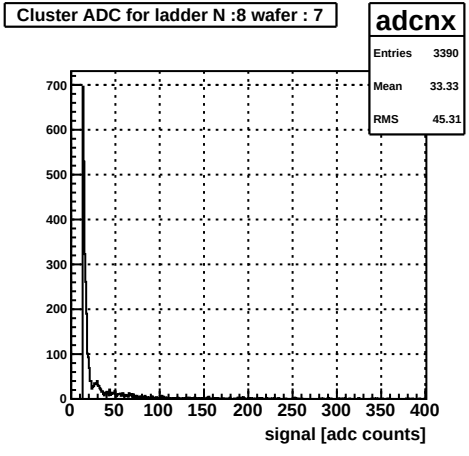

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6335
Mean 33.93
RMS 36.46
signal [adc counts]

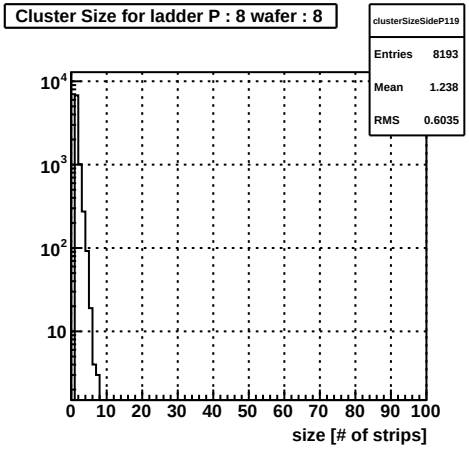

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14289
Mean 1.182
RMS 0.5258
size [# of strips]

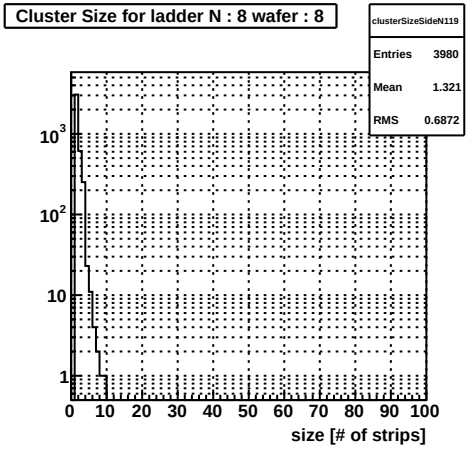

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3390
Mean 1.274
RMS 0.6926
size [# of strips]

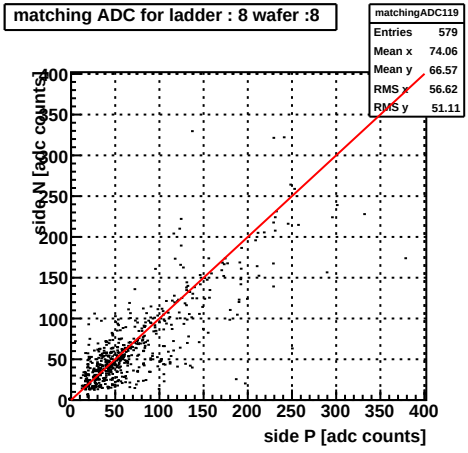

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 725
Mean x 71.04
Mean y 65.8
RMS x 65.47
RMS y 63.63
side N [adc counts]
side P [adc counts]

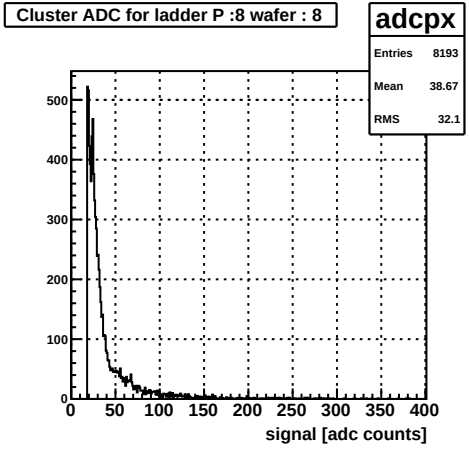

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14289
Mean 30.51
RMS 25.74
signal [adc counts]

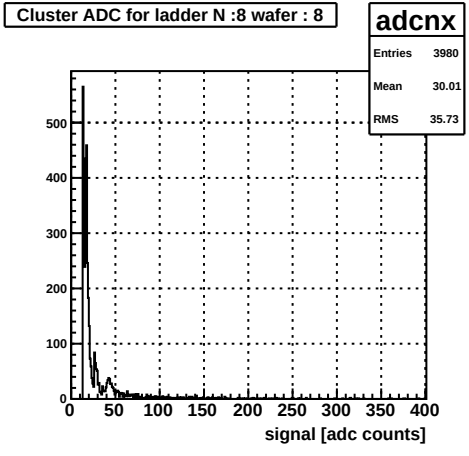

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3390
Mean 33.33
RMS 45.31
signal [adc counts]

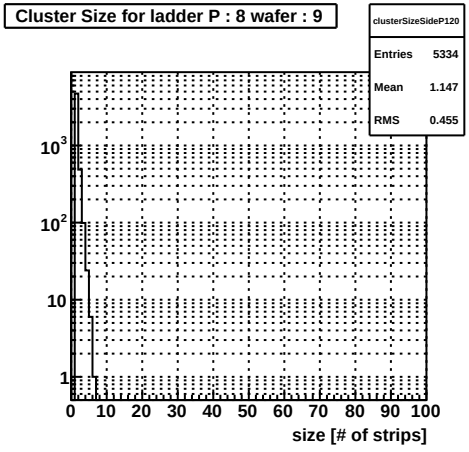

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8193
Mean 1.238
RMS 0.6035
size [# of strips]

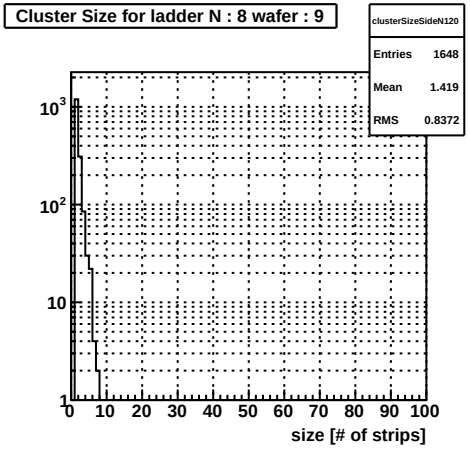

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3980
Mean 1.321
RMS 0.6872
size [# of strips]

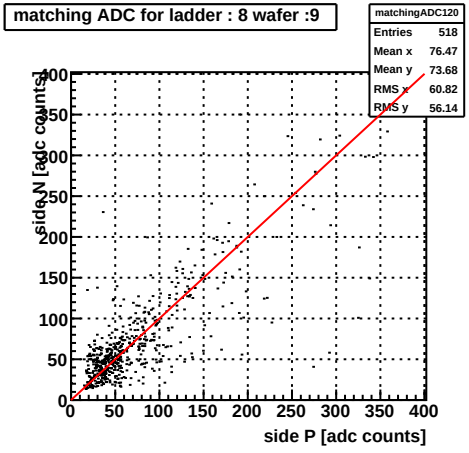

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 579
Mean x 74.06
Mean y 66.57
RMS x 56.62
RMS y 51.11
side N [adc counts]
side P [adc counts]

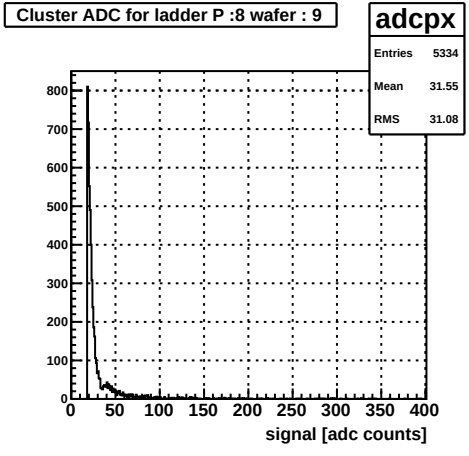

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8193
Mean 38.67
RMS 32.1
signal [adc counts]

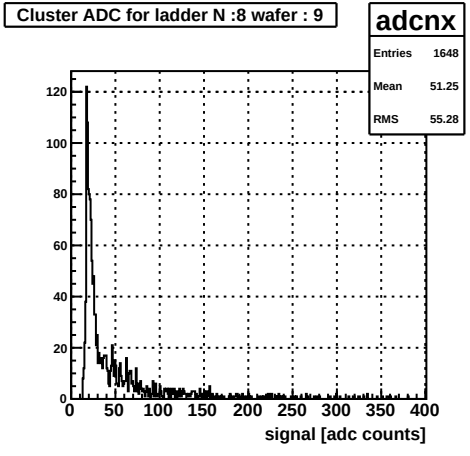

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3980
Mean 30.01
RMS 35.73
signal [adc counts]

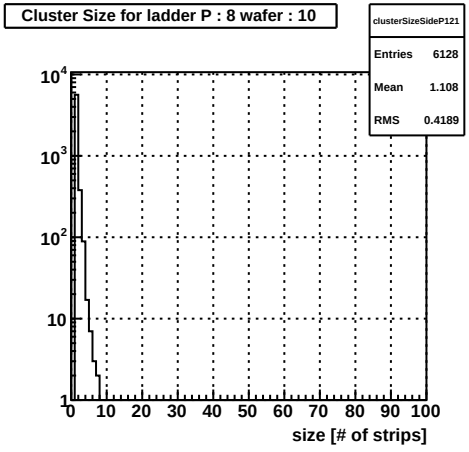

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5334
Mean 1.147
RMS 0.455
size [# of strips]

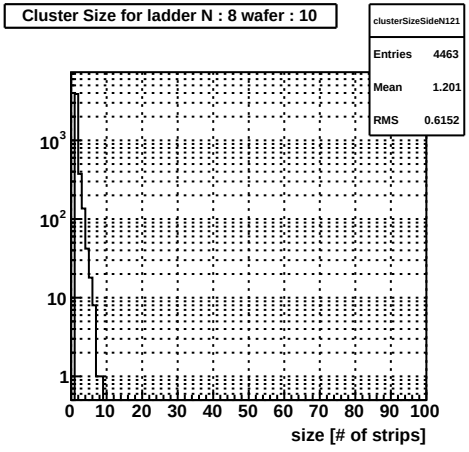

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1648
Mean 1.419
RMS 0.8372
size [# of strips]

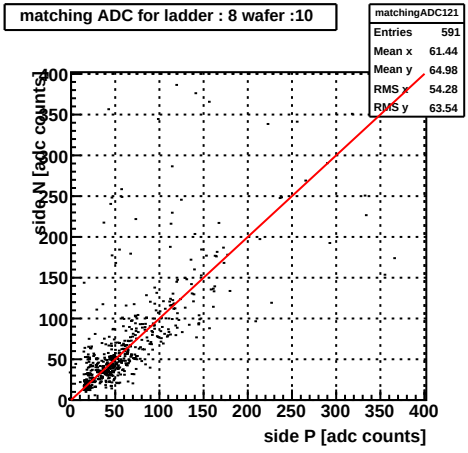

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 518
Mean x 76.47
Mean y 73.68
RMS x 60.82
RMS y 56.14
side N [adc counts]
side P [adc counts]

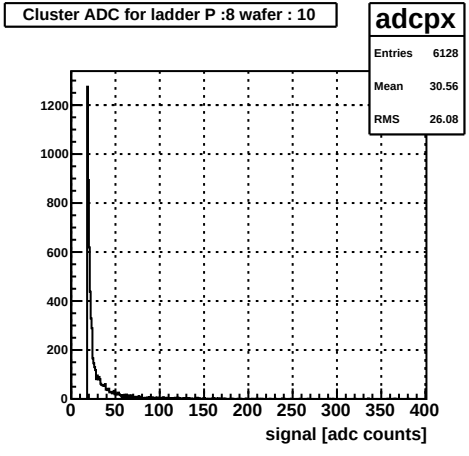

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5334
Mean 31.55
RMS 31.08
signal [adc counts]

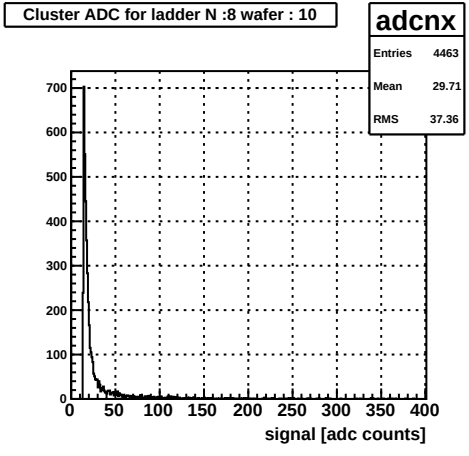

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1648
Mean 51.25
RMS 55.28
signal [adc counts]

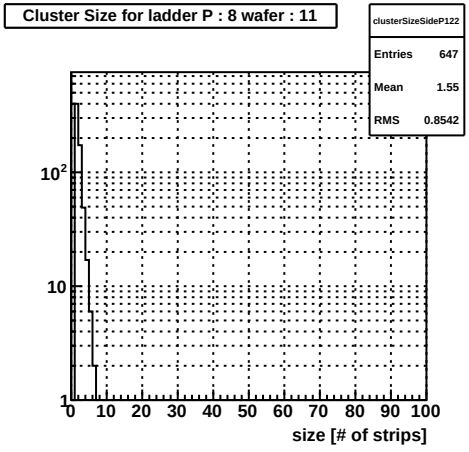

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6128
Mean 1.108
RMS 0.4189
size [# of strips]

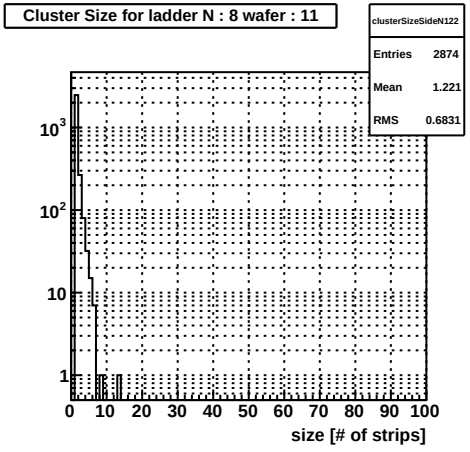

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4463
Mean 1.201
RMS 0.6152
size [# of strips]

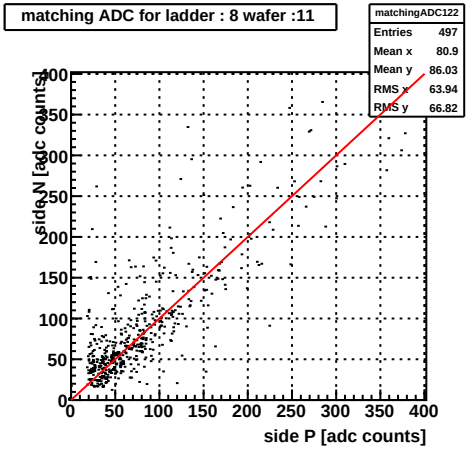

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 591
Mean x 61.44
Mean y 64.98
RMS x 54.28
RMS y 63.54
side N [adc counts]
side P [adc counts]

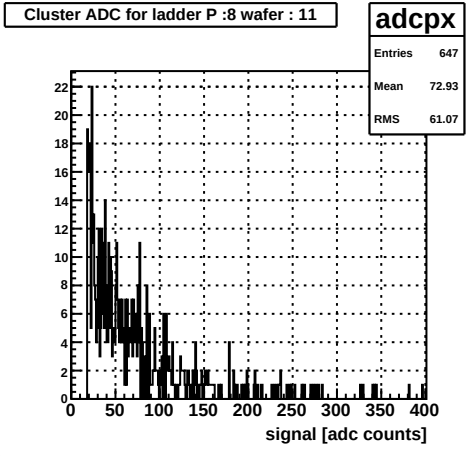

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6128
Mean 30.56
RMS 26.08
signal [adc counts]

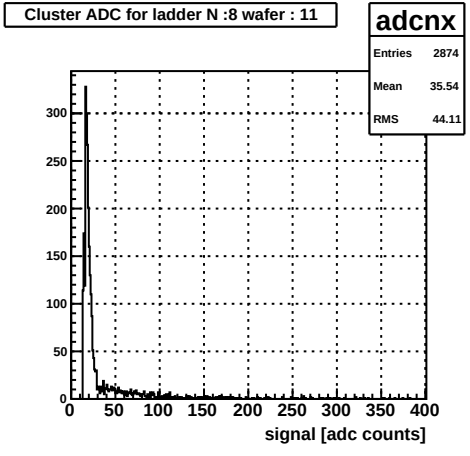

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4463
Mean 29.71
RMS 37.36
signal [adc counts]

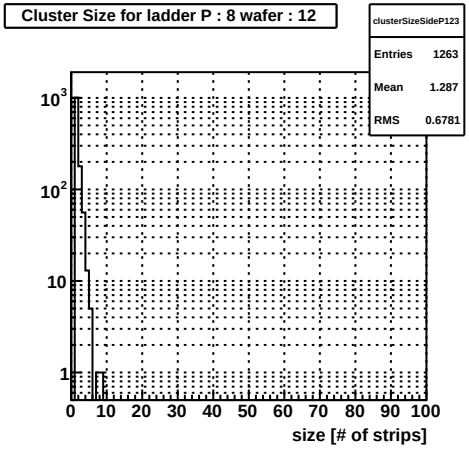

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 647
Mean 1.55
RMS 0.8542
size [# of strips]

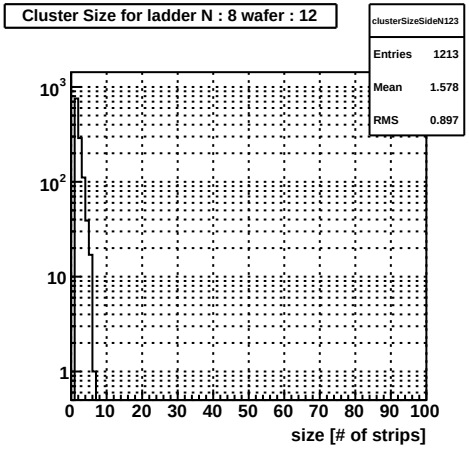

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2874
Mean 1.221
RMS 0.6831
size [# of strips]

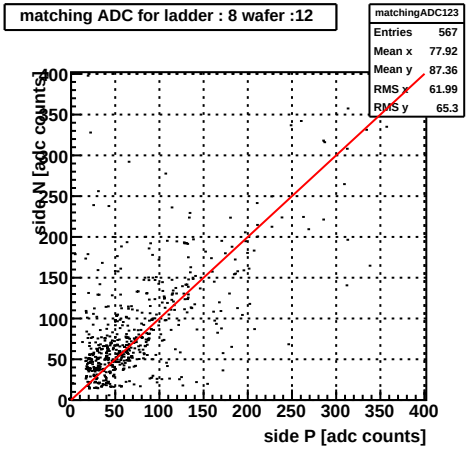

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 497
Mean x 80.9
Mean y 86.03
RMS x 63.94
RMS y 66.82
side N [adc counts]
side P [adc counts]

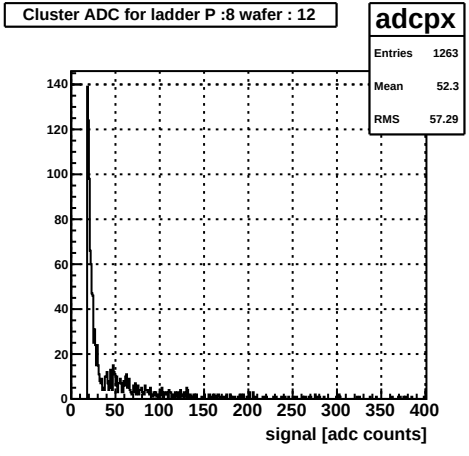

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 647
Mean 72.93
RMS 61.07
signal [adc counts]

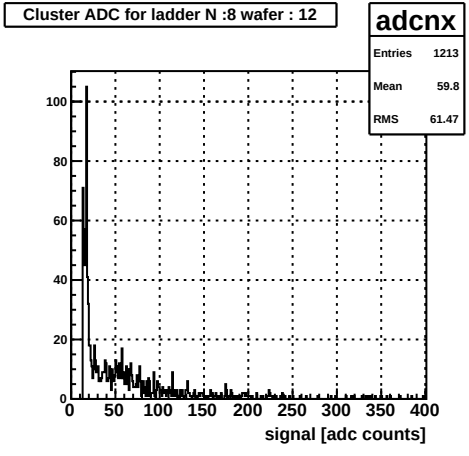

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2874
Mean 35.54
RMS 44.11
signal [adc counts]

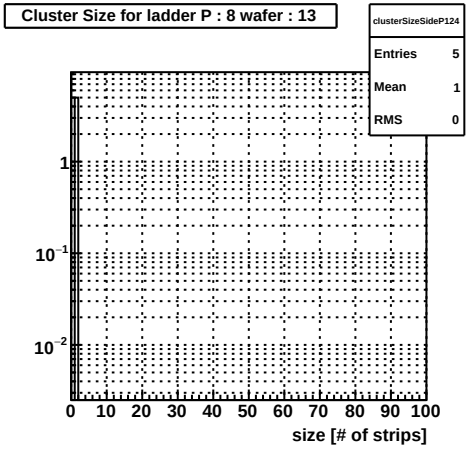

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1263
Mean 1.287
RMS 0.6781
size [# of strips]

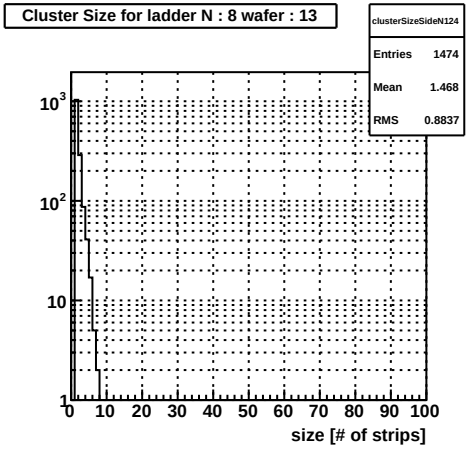

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1213
Mean 1.578
RMS 0.897
size [# of strips]

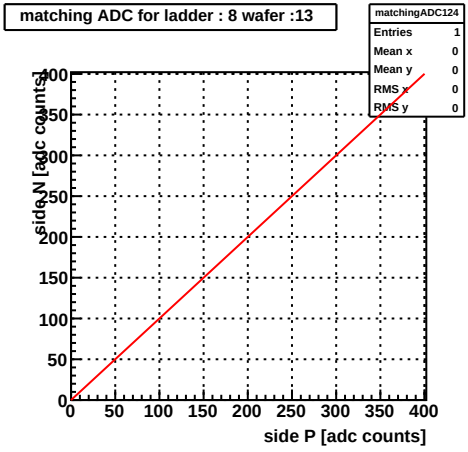

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 567
Mean x 77.92
Mean y 87.36
RMS x 61.99
RMS y 65.3
side N [adc counts]
side P [adc counts]

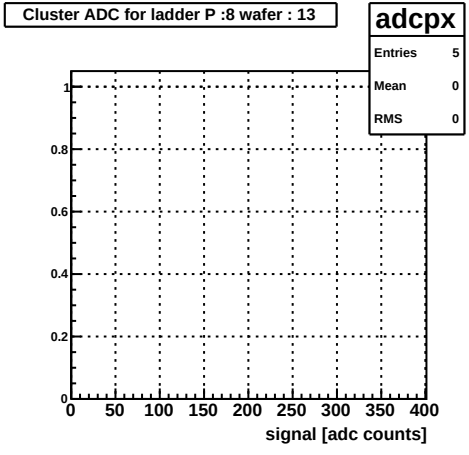

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1263
Mean 52.3
RMS 57.29
signal [adc counts]

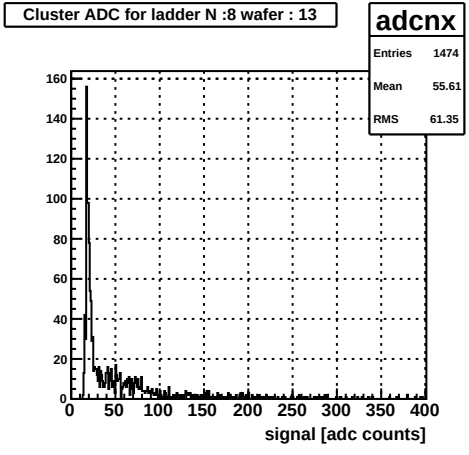

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1213
Mean 59.8
RMS 61.47
signal [adc counts]

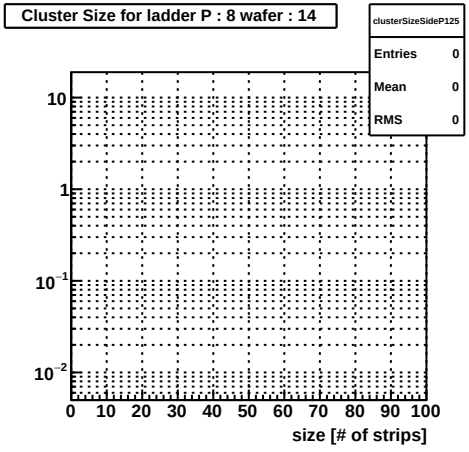

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 5
Mean 1
RMS 0
size [# of strips]

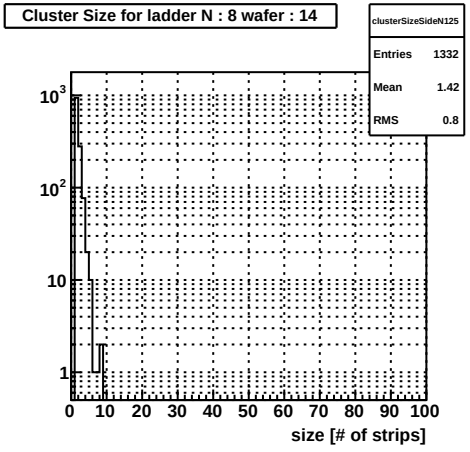

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1474
Mean 1.468
RMS 0.8837
size [# of strips]

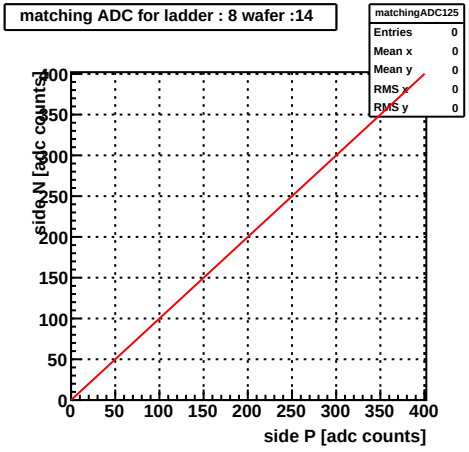

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

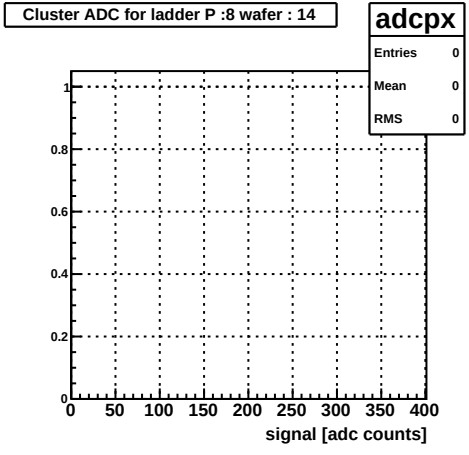

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

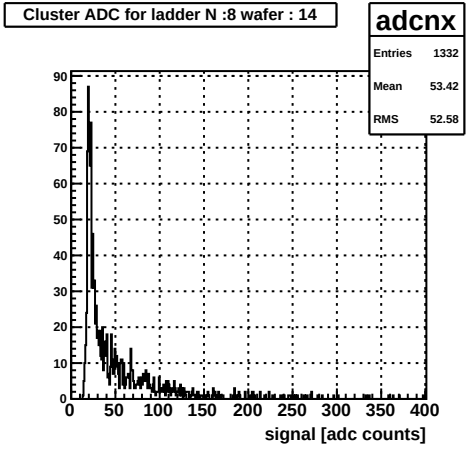

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1474
Mean 55.61
RMS 61.35
signal [adc counts]

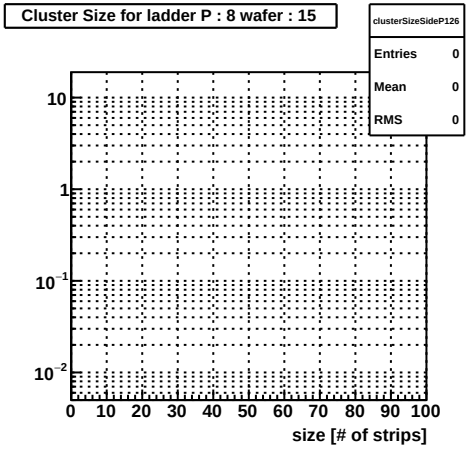

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

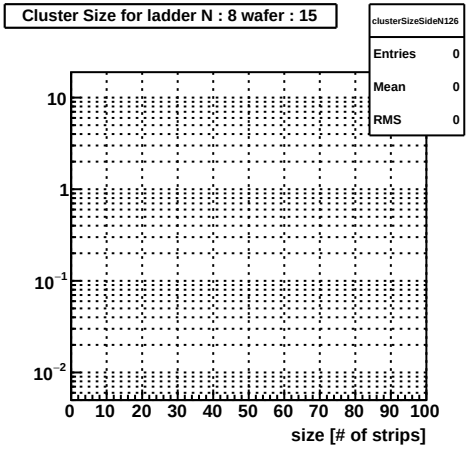

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1332
Mean 1.42
RMS 0.8
size [# of strips]

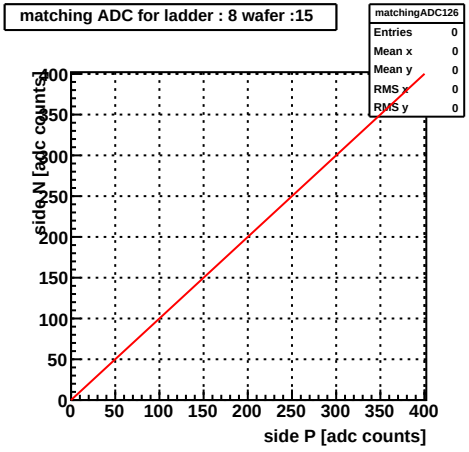

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

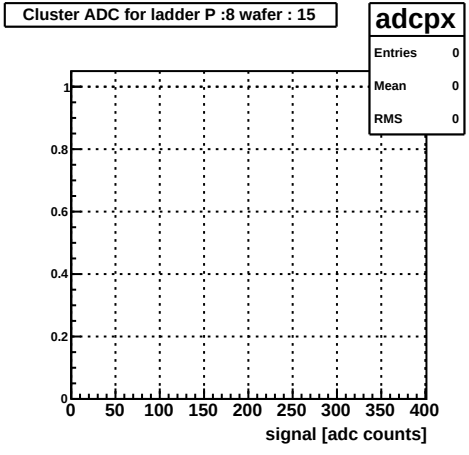

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

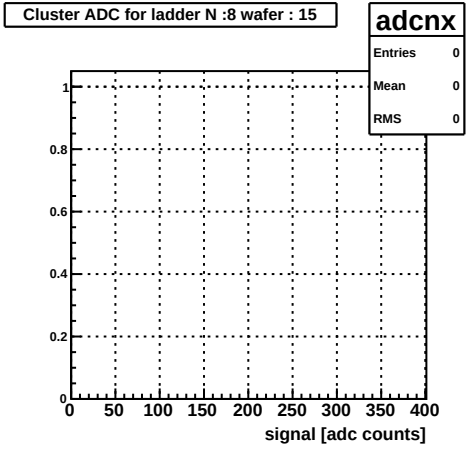

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1332
Mean 53.42
RMS 52.58
signal [adc counts]

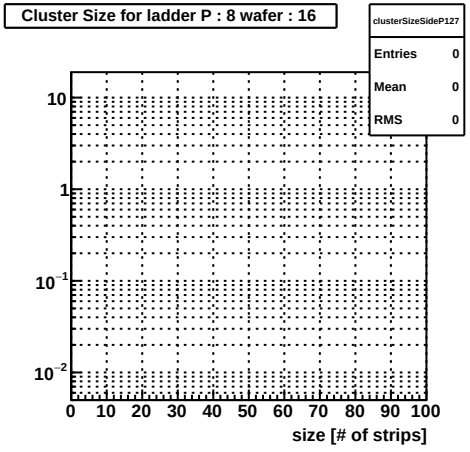

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

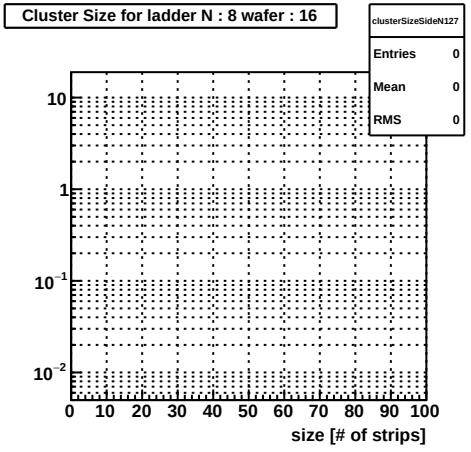

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

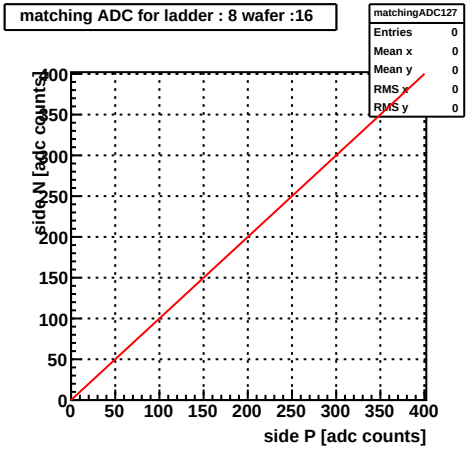

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

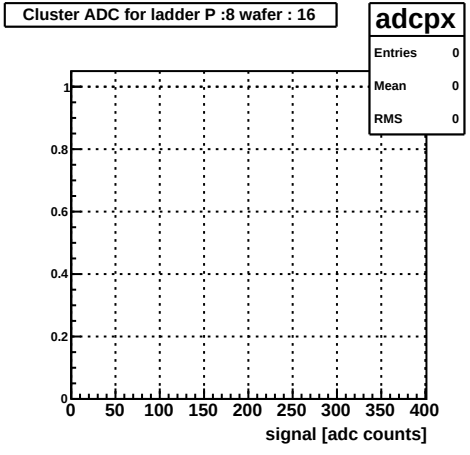

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

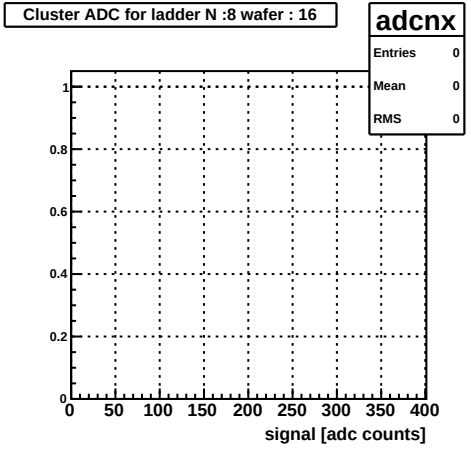

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

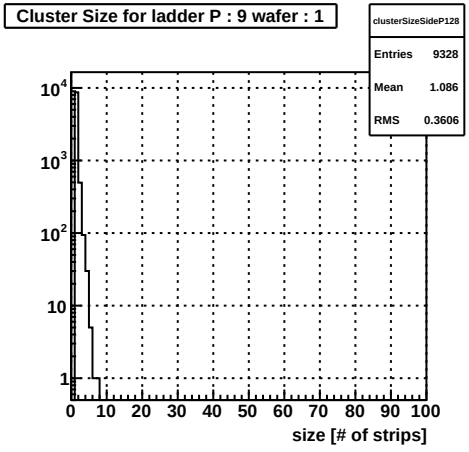

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

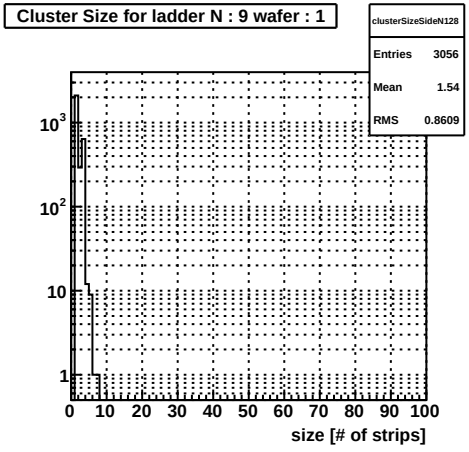

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

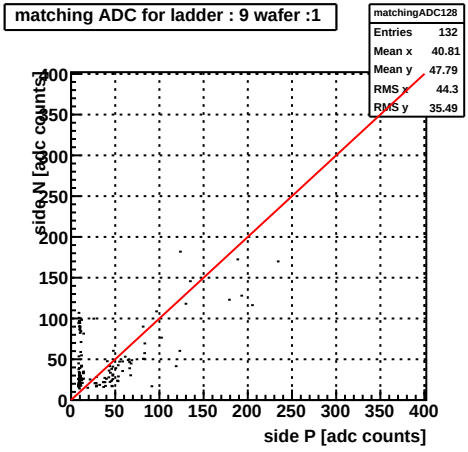

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

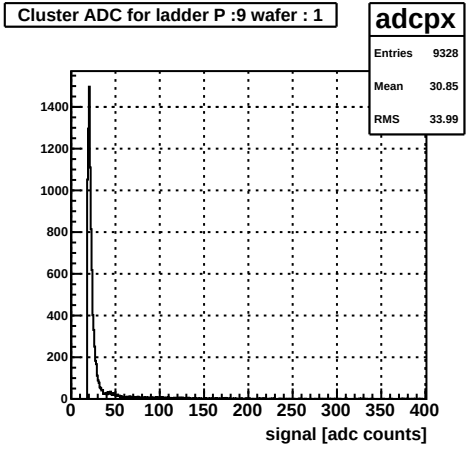

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

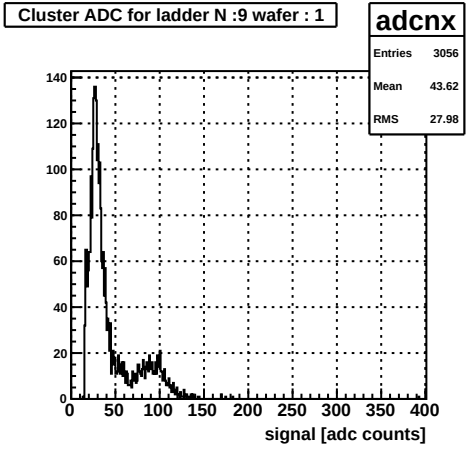

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

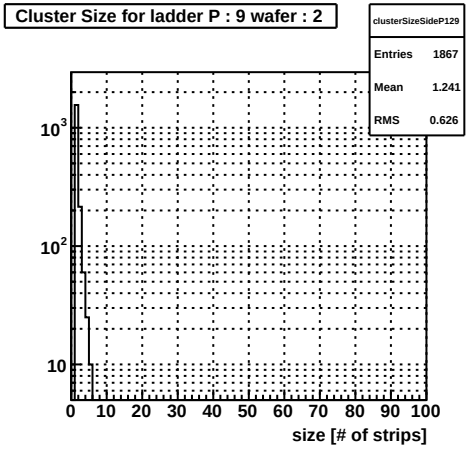

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9328
Mean 1.086
RMS 0.3606
size [# of strips]

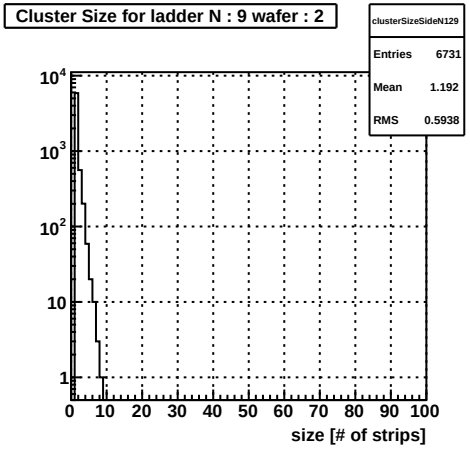

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3056
Mean 1.54
RMS 0.8609
size [# of strips]

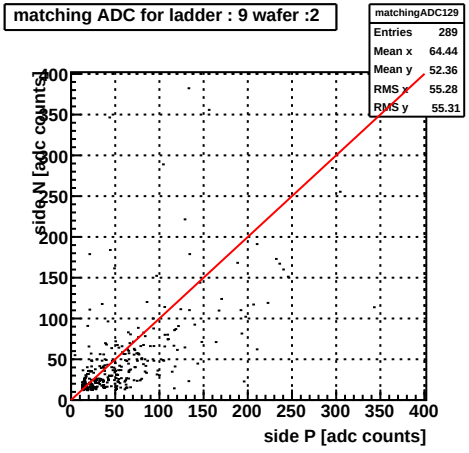

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 132
Mean x 40.81
Mean y 47.79
RMS x 44.3
RMS y 35.49
side N [adc counts]
side P [adc counts]

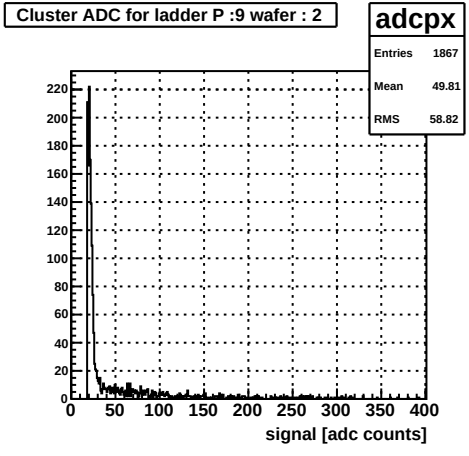

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9328
Mean 30.85
RMS 33.99
signal [adc counts]

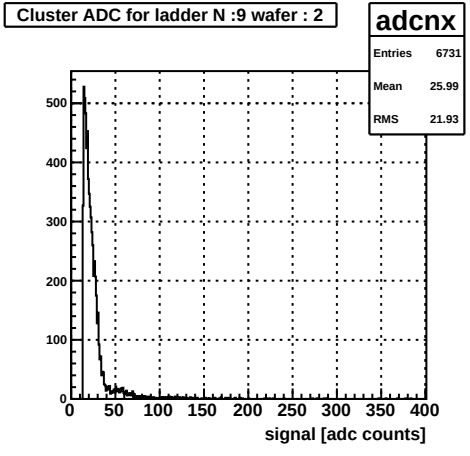

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3056
Mean 43.62
RMS 27.98
signal [adc counts]

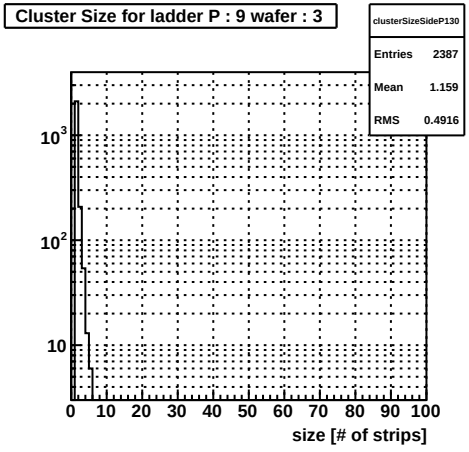

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1867
Mean 1.241
RMS 0.626
size [# of strips]

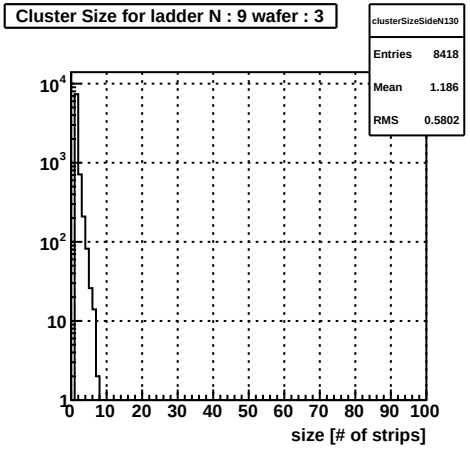

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6731
Mean 1.192
RMS 0.5938
size [# of strips]

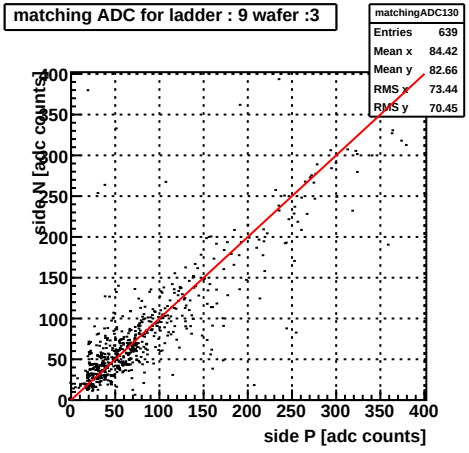

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 289
Mean x 64.44
Mean y 52.36
RMS x 55.28
RMS y 55.31
side N [adc counts]
side P [adc counts]

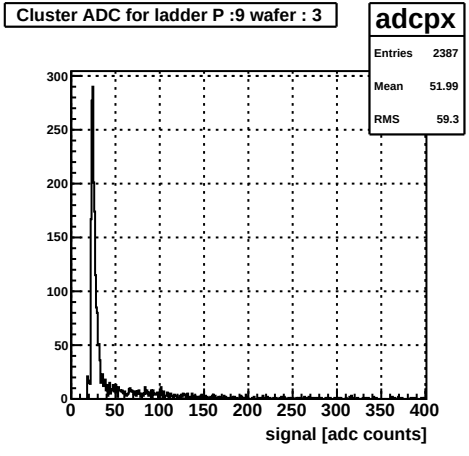

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1867
Mean 49.81
RMS 58.82
signal [adc counts]

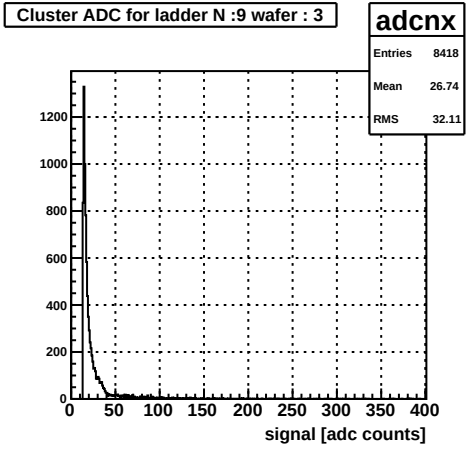

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6731
Mean 25.99
RMS 21.93
signal [adc counts]

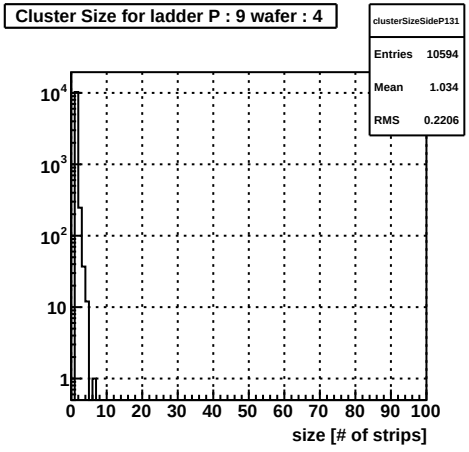

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2387
Mean 1.159
RMS 0.4916
size [# of strips]

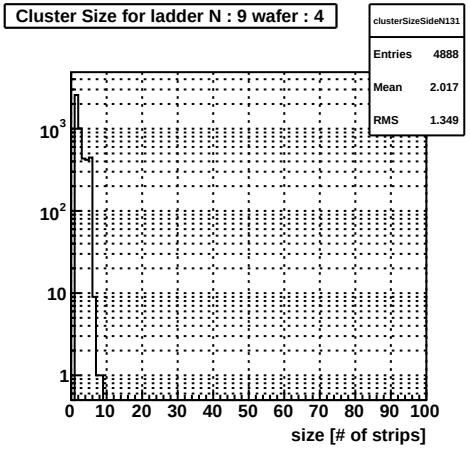

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 8418
Mean 1.186
RMS 0.5802
size [# of strips]

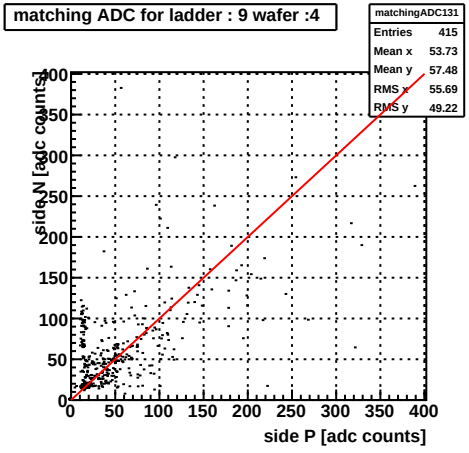

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 639
Mean x 84.42
Mean y 82.66
RMS x 73.44
RMS y 70.45
side N [adc counts]
side P [adc counts]

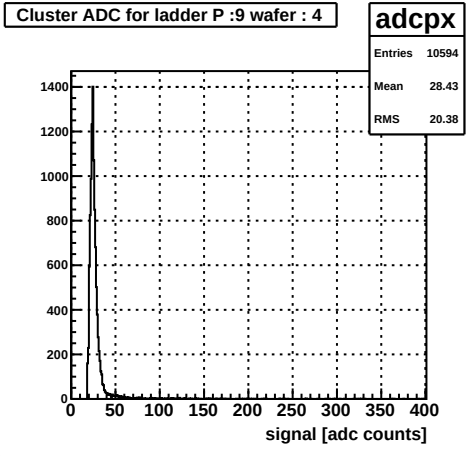

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2387
Mean 51.99
RMS 59.3
signal [adc counts]

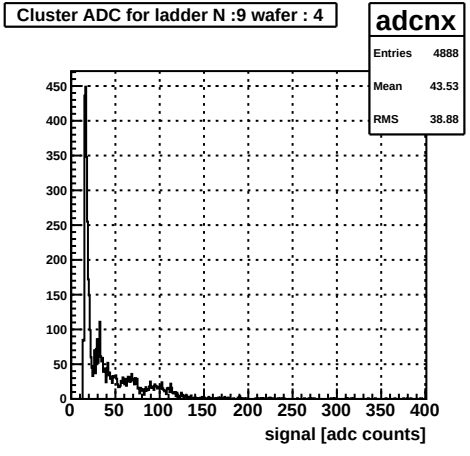

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 8418
Mean 26.74
RMS 32.11
signal [adc counts]

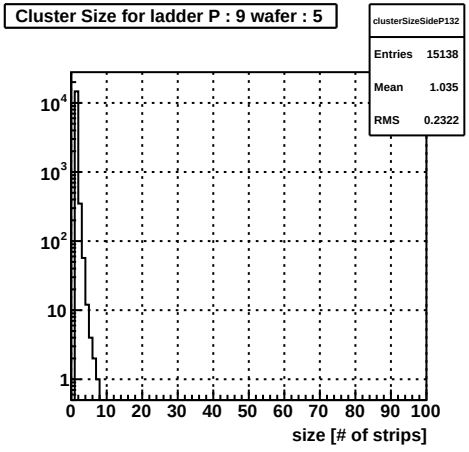

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10594
Mean 1.034
RMS 0.2206
size [# of strips]

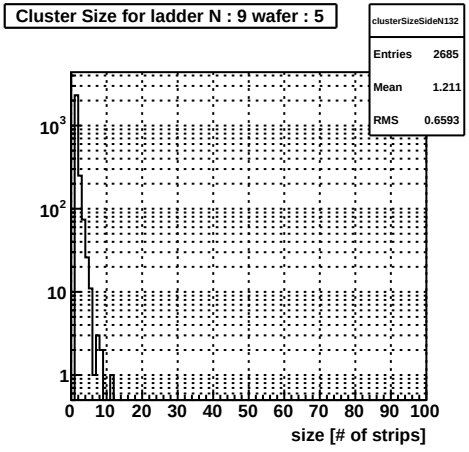

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4888
Mean 2.017
RMS 1.349
size [# of strips]

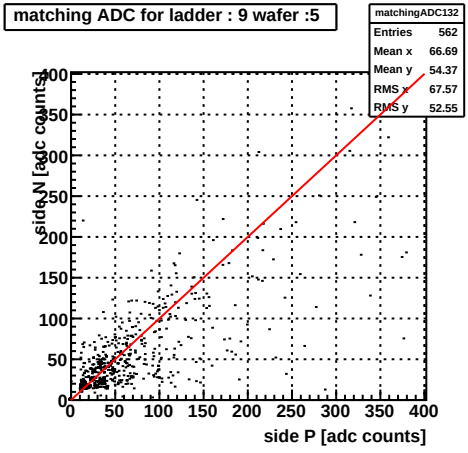

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 415
Mean x 53.73
Mean y 57.48
RMS x 55.69
RMS y 49.22
side N [adc counts]
side P [adc counts]

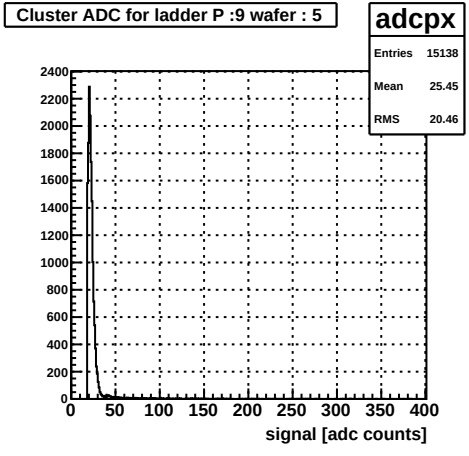

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10594
Mean 28.43
RMS 20.38
signal [adc counts]

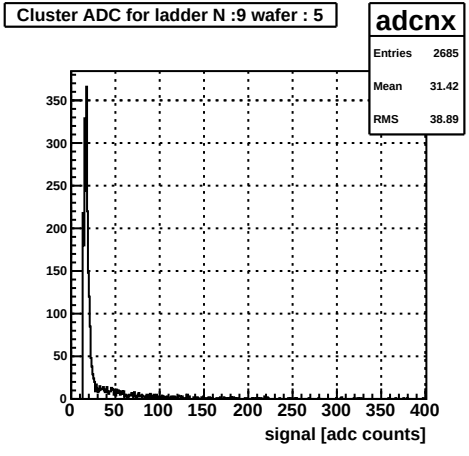

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4888
Mean 43.53
RMS 38.88
signal [adc counts]

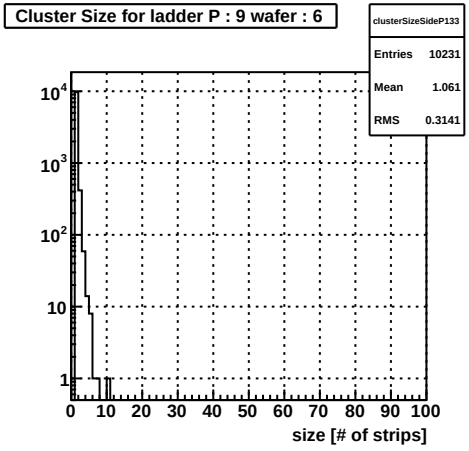

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 15138
Mean 1.035
RMS 0.2322
size [# of strips]

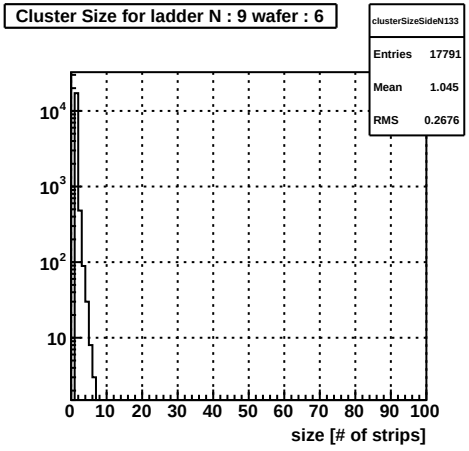

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2685
Mean 1.211
RMS 0.6593
size [# of strips]

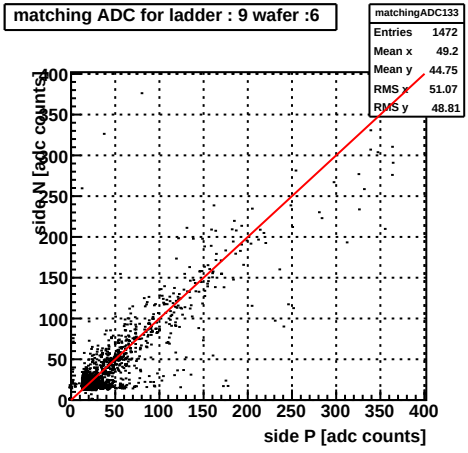

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 562
Mean x 66.69
Mean y 54.37
RMS x 67.57
RMS y 52.55
side N [adc counts]
side P [adc counts]

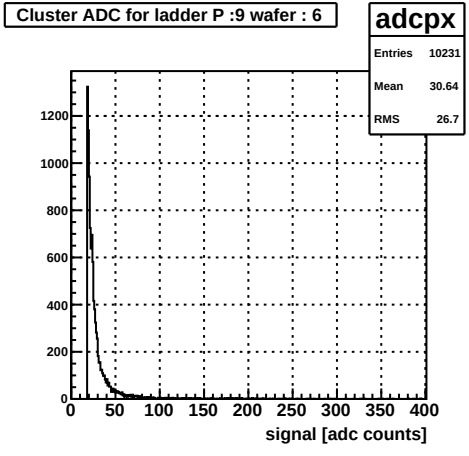

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 15138
Mean 25.45
RMS 20.46
signal [adc counts]

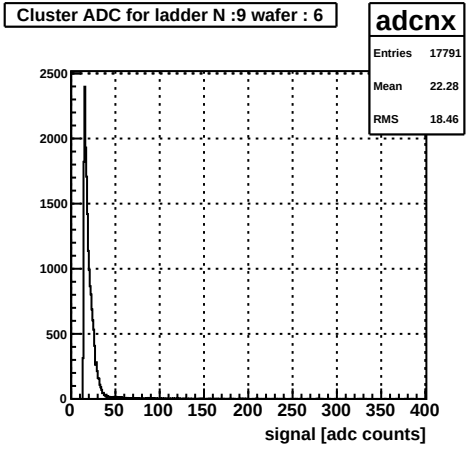

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2685
Mean 31.42
RMS 38.89
signal [adc counts]

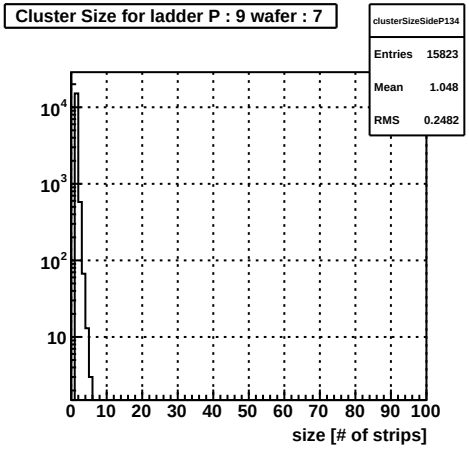

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10231
Mean 1.061
RMS 0.3141
size [# of strips]

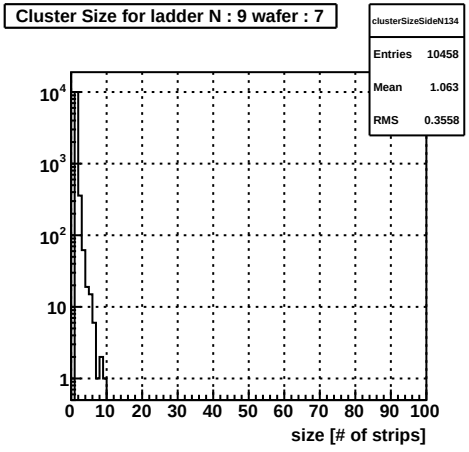

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 17791
Mean 1.045
RMS 0.2676
size [# of strips]

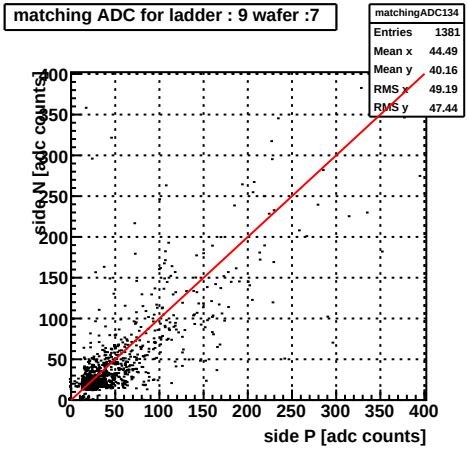

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1472
Mean x 49.2
Mean y 44.75
RMS x 51.07
RMS y 48.81
side N [adc counts]
side P [adc counts]

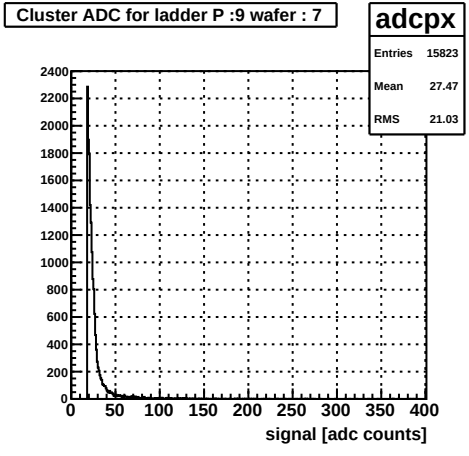

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10231
Mean 30.64
RMS 26.7
signal [adc counts]

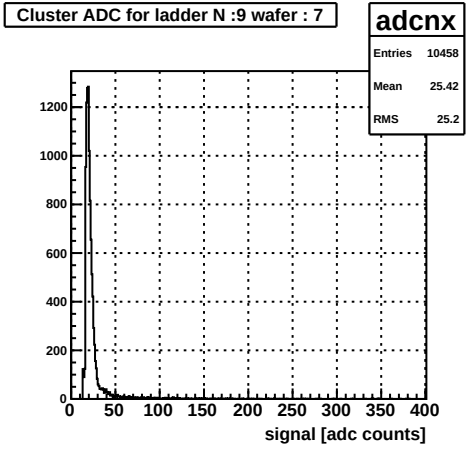

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 17791
Mean 22.28
RMS 18.46
signal [adc counts]

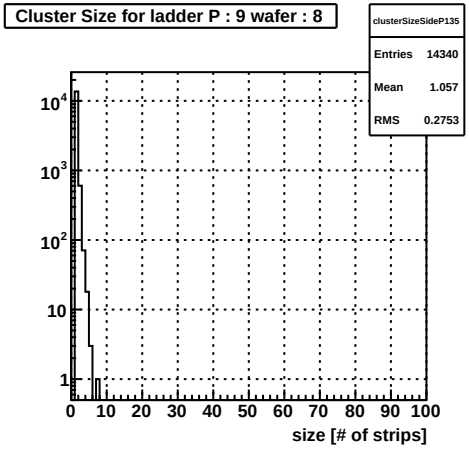

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 15823
Mean 1.048
RMS 0.2482
size [# of strips]

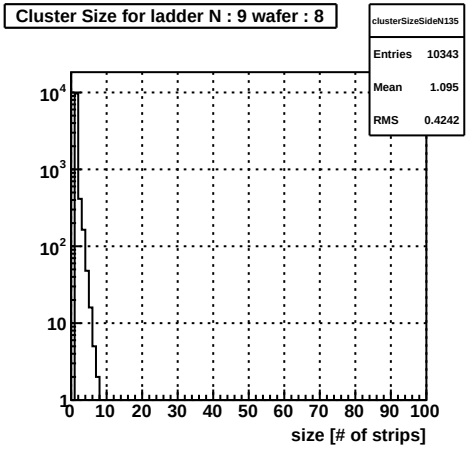

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 10458
Mean 1.063
RMS 0.3558
size [# of strips]

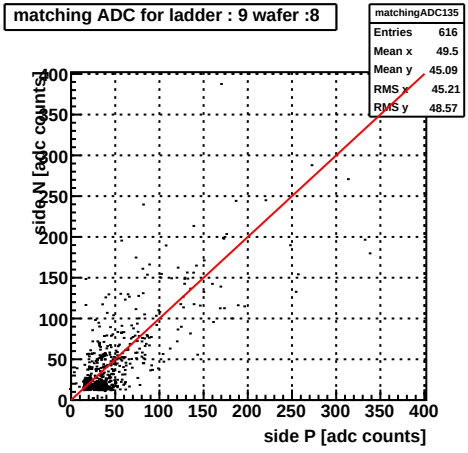

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1381
Mean x 44.49
Mean y 40.16
RMS x 49.19
RMS y 47.44
side N [adc counts]
side P [adc counts]

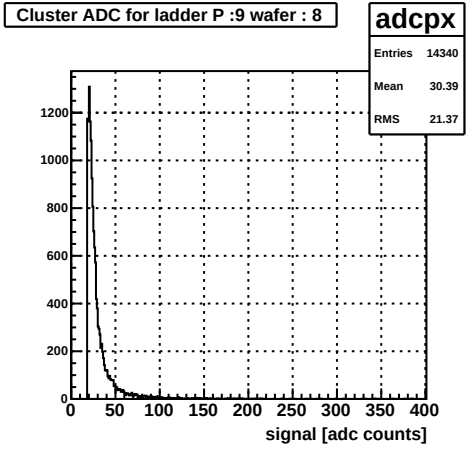

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 15823
Mean 27.47
RMS 21.03
signal [adc counts]

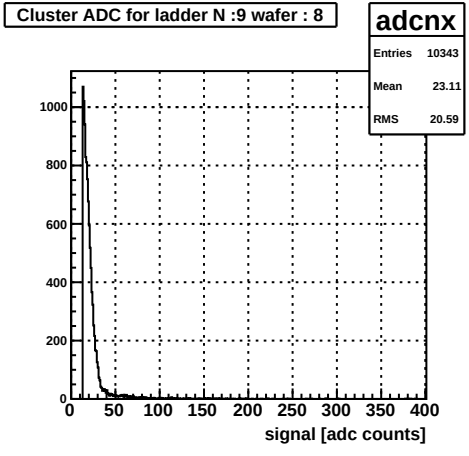

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 10458
Mean 25.42
RMS 25.2
signal [adc counts]

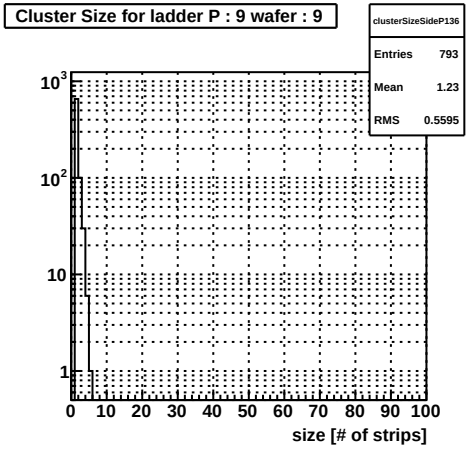

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14340
Mean 1.057
RMS 0.2753
size [# of strips]

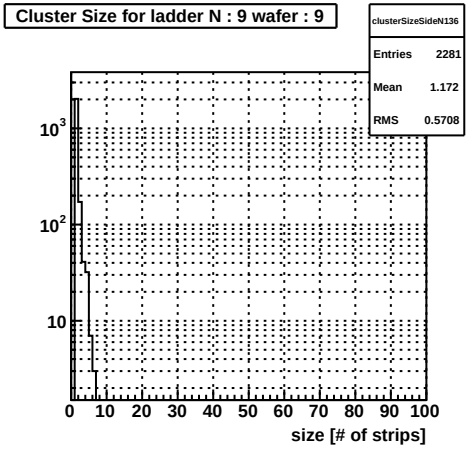

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 10343
Mean 1.095
RMS 0.4242
size [# of strips]

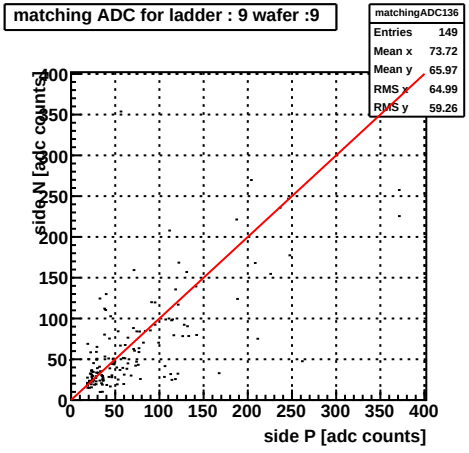

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 616
Mean x 49.5
Mean y 45.09
RMS x 45.21
RMS y 48.57
side N [adc counts]
side P [adc counts]

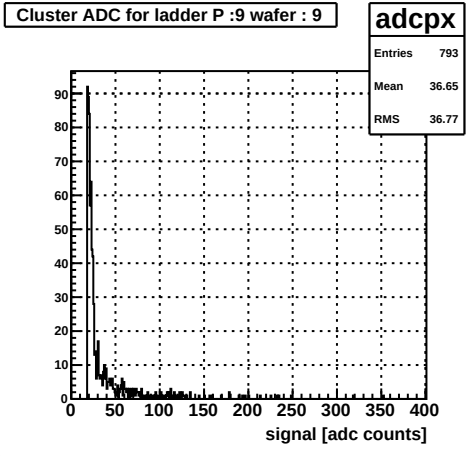

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14340
Mean 30.39
RMS 21.37
signal [adc counts]

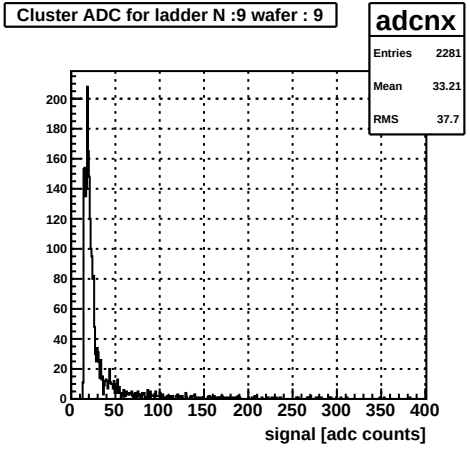

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 10343
Mean 23.11
RMS 20.59
signal [adc counts]

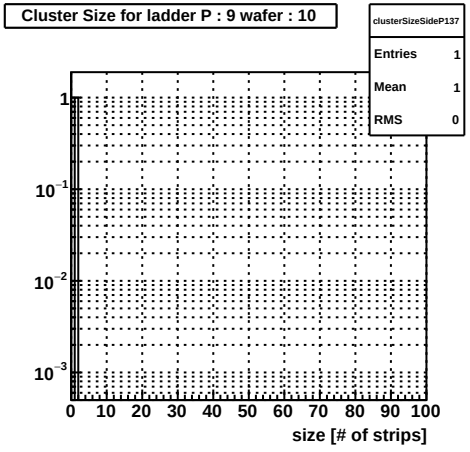

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 793
Mean 1.23
RMS 0.5595
size [# of strips]

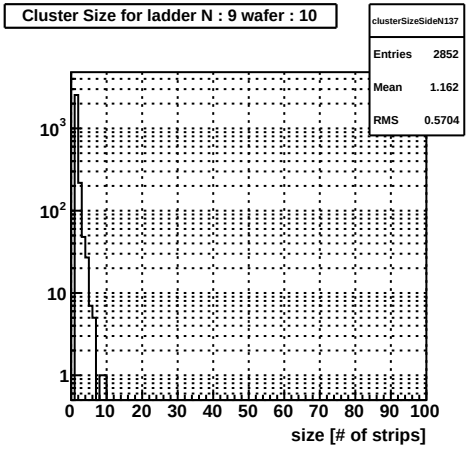

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2281
Mean 1.172
RMS 0.5708
size [# of strips]

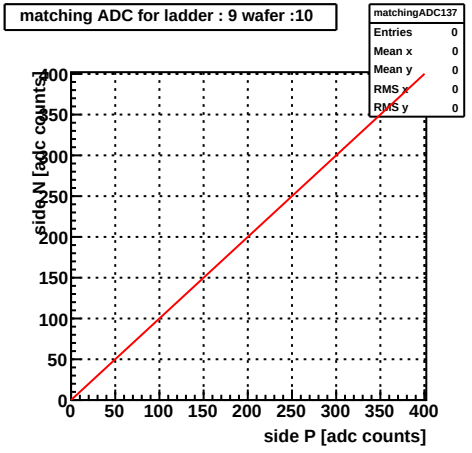

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 149
Mean x 73.72
Mean y 65.97
RMS x 64.99
RMS y 59.26
side N [adc counts]
side P [adc counts]

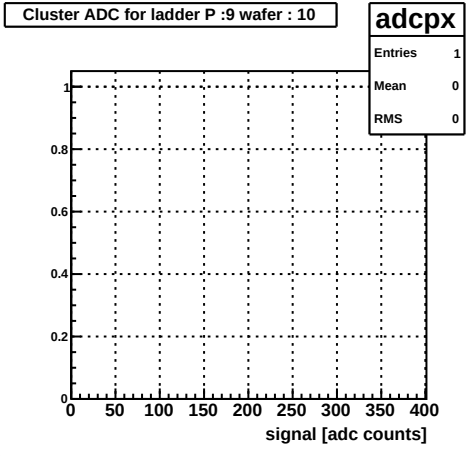

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 793
Mean 36.65
RMS 36.77
signal [adc counts]

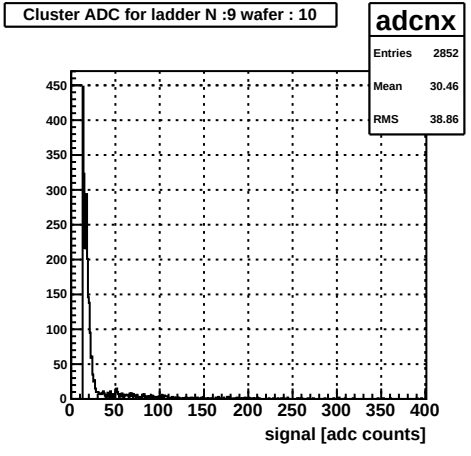

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2281
Mean 33.21
RMS 37.7
signal [adc counts]

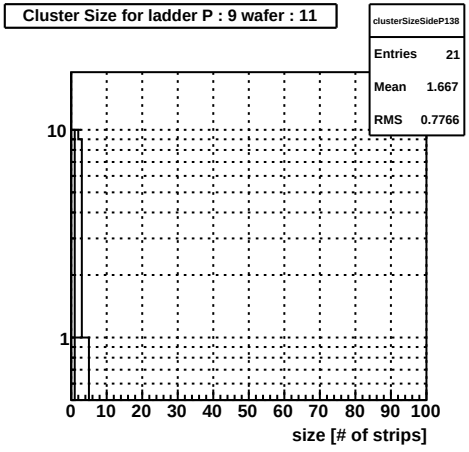

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

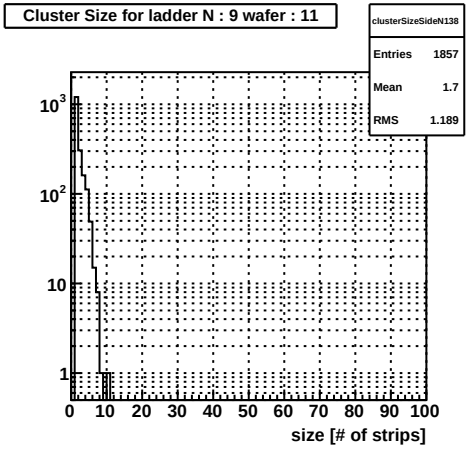

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2852
Mean 1.162
RMS 0.5704
size [# of strips]

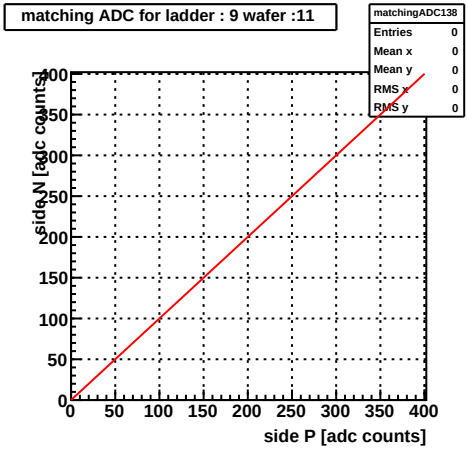

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

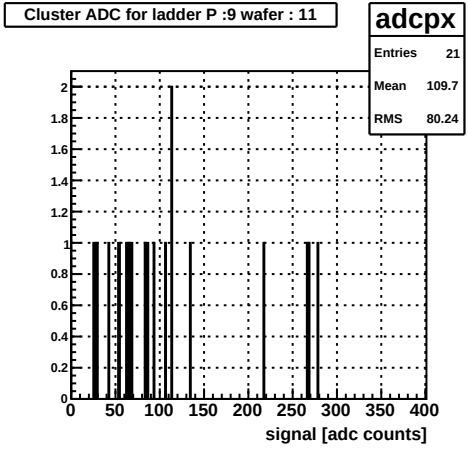

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

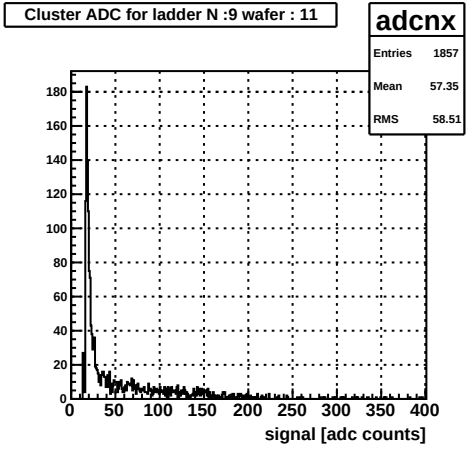

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2852
Mean 30.46
RMS 38.86
signal [adc counts]

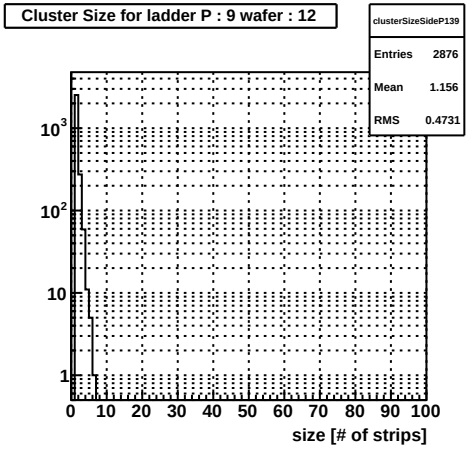

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 21
Mean 1.667
RMS 0.7766
size [# of strips]

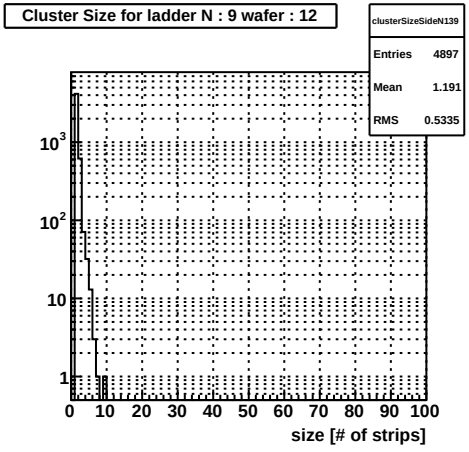

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1857
Mean 1.7
RMS 1.189
size [# of strips]

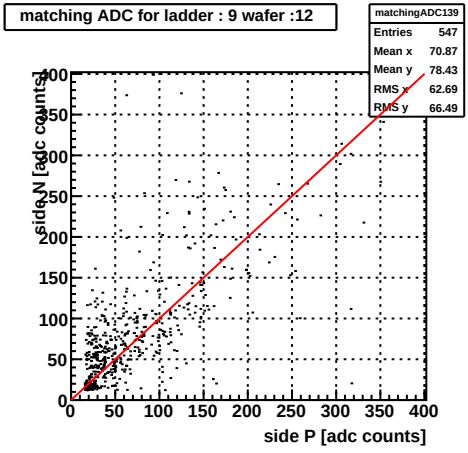

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

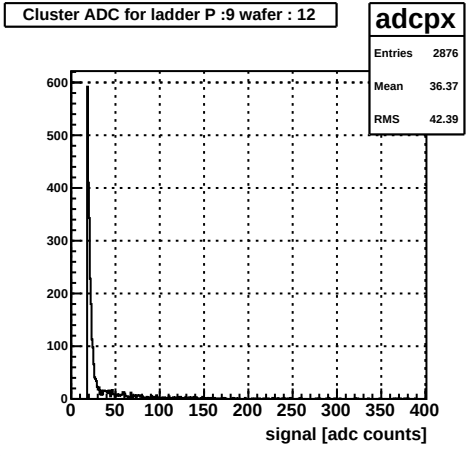

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 21
Mean 109.7
RMS 80.24
signal [adc counts]

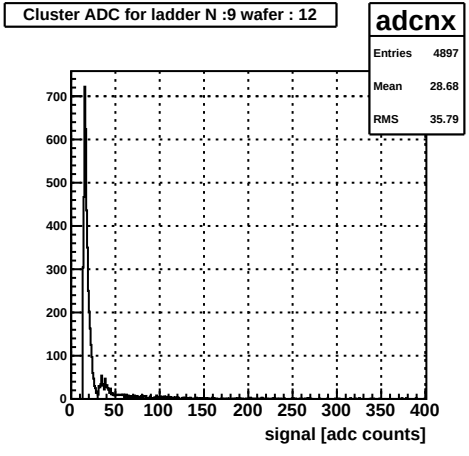

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1857
Mean 57.35
RMS 58.51
signal [adc counts]

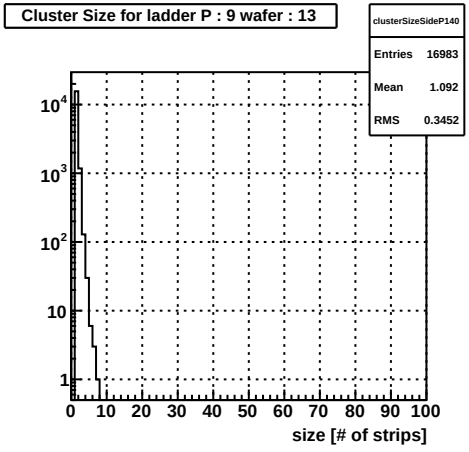

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2876
Mean 1.156
RMS 0.4731
size [# of strips]

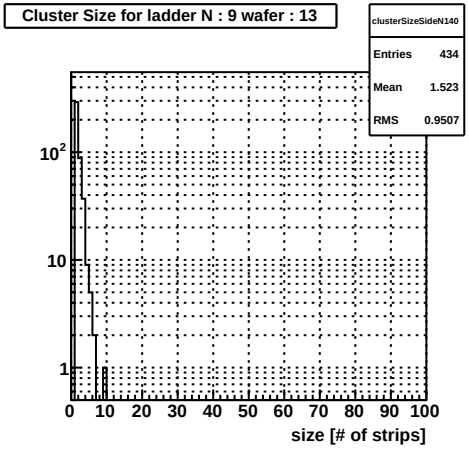

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4897
Mean 1.191
RMS 0.5335
size [# of strips]

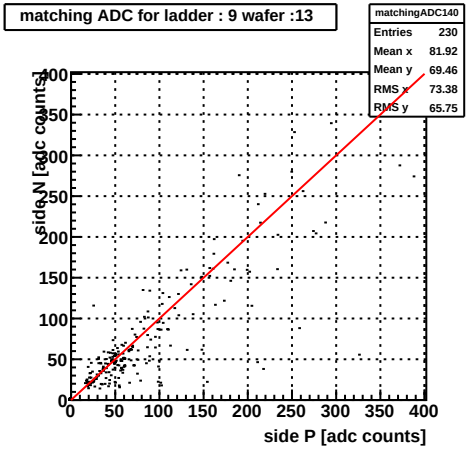

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 547
Mean x 70.87
Mean y 78.43
RMS x 62.69
RMS y 66.49
side N [adc counts]
side P [adc counts]

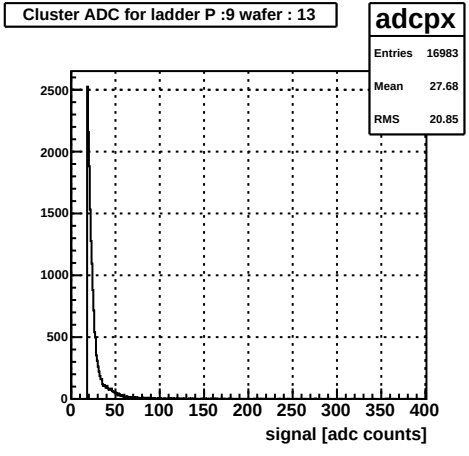

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2876
Mean 36.37
RMS 42.39
signal [adc counts]

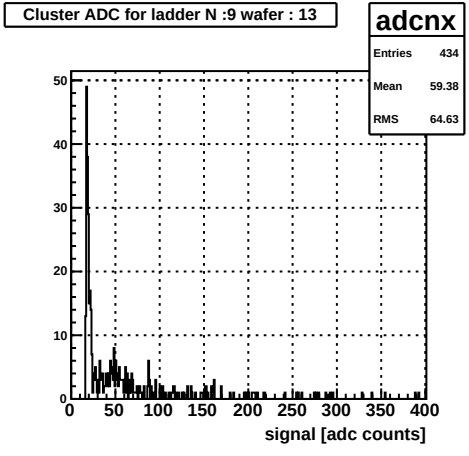

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4897
Mean 28.68
RMS 35.79
signal [adc counts]

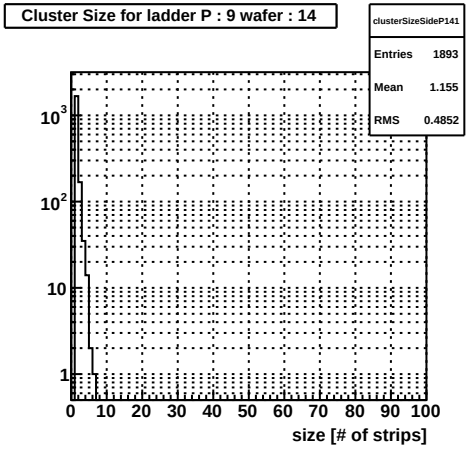

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16983
Mean 1.092
RMS 0.3452
size [# of strips]

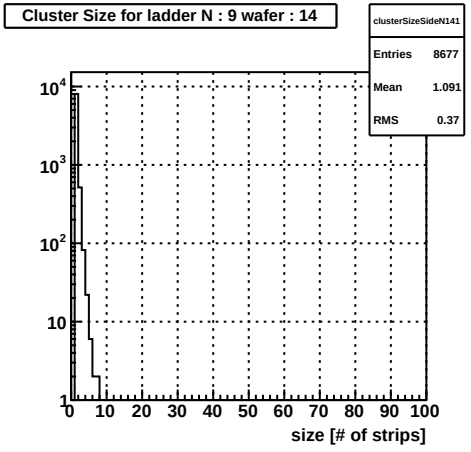

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 434
Mean 1.523
RMS 0.9507
size [# of strips]

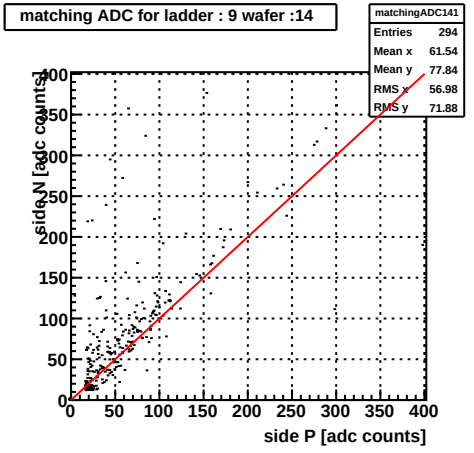

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 230
Mean x 81.92
Mean y 69.46
RMS x 73.38
RMS y 65.75
side N [adc counts]
side P [adc counts]

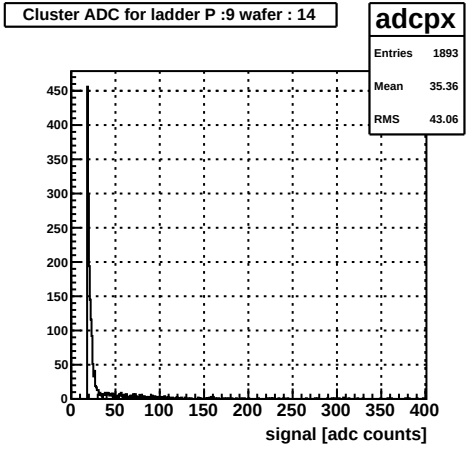

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16983
Mean 27.68
RMS 20.85
signal [adc counts]

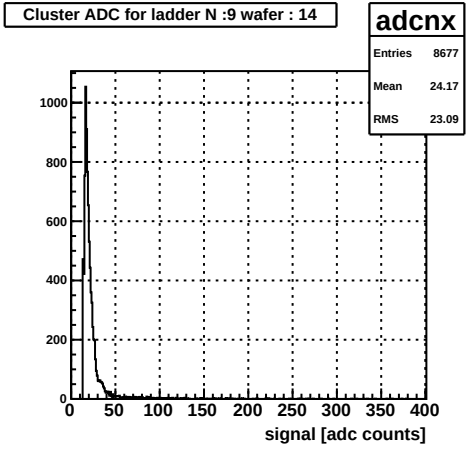

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 434
Mean 59.38
RMS 64.63
signal [adc counts]

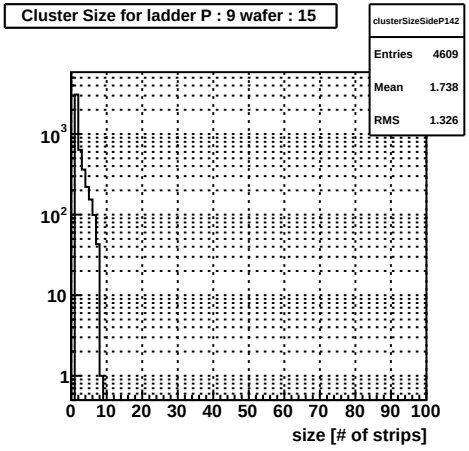

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1893
Mean 1.155
RMS 0.4852
size [# of strips]

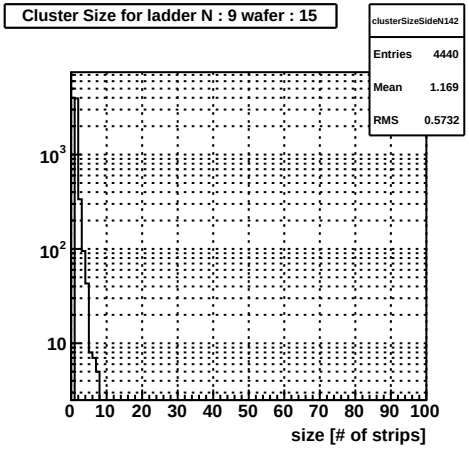

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 8677
Mean 1.091
RMS 0.37
size [# of strips]

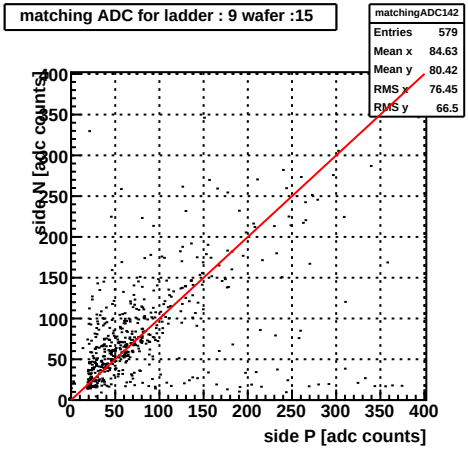

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 294
Mean x 61.54
Mean y 77.84
RMS x 56.98
RMS y 71.88
side N [adc counts]
side P [adc counts]

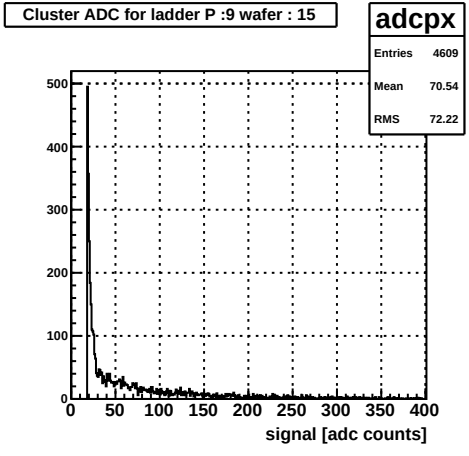

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1893
Mean 35.36
RMS 43.06
signal [adc counts]

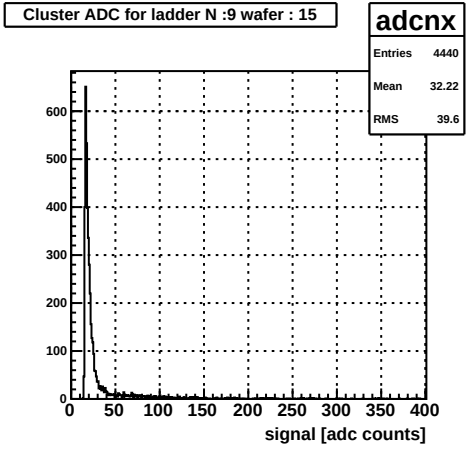

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 8677
Mean 24.17
RMS 23.09
signal [adc counts]

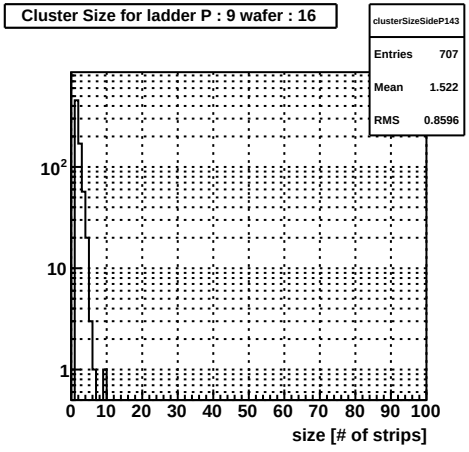

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4609
Mean 1.738
RMS 1.326
size [# of strips]

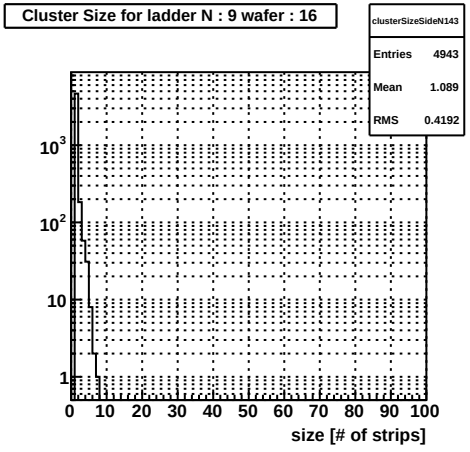

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4440
Mean 1.169
RMS 0.5732
size [# of strips]

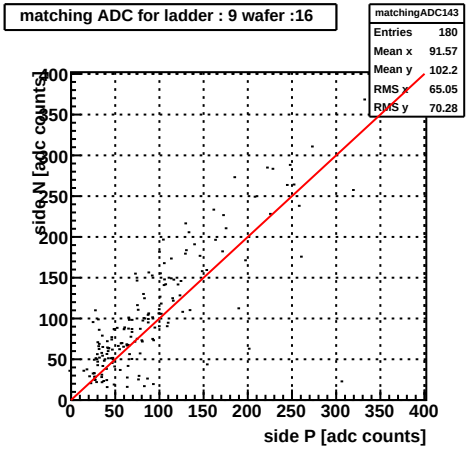

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 579
Mean x 84.63
Mean y 80.42
RMS x 76.45
RMS y 66.5
side N [adc counts]
side P [adc counts]

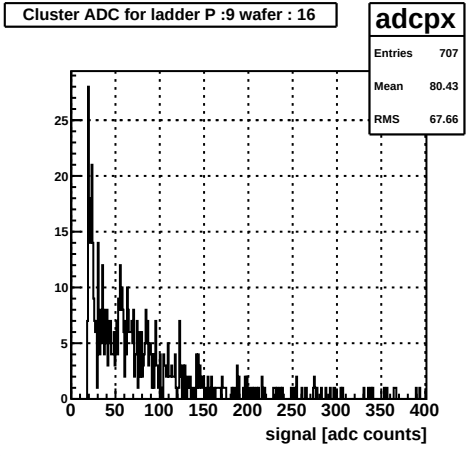

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4609
Mean 70.54
RMS 72.22
signal [adc counts]

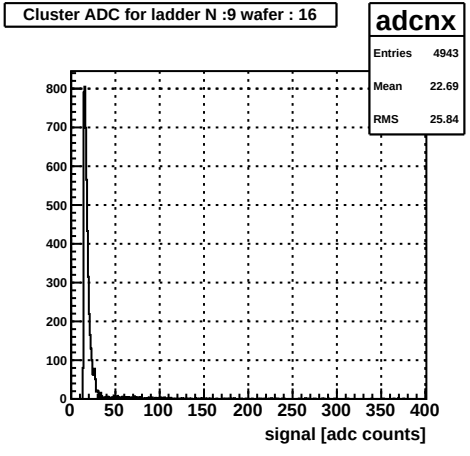

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4440
Mean 32.22
RMS 39.6
signal [adc counts]

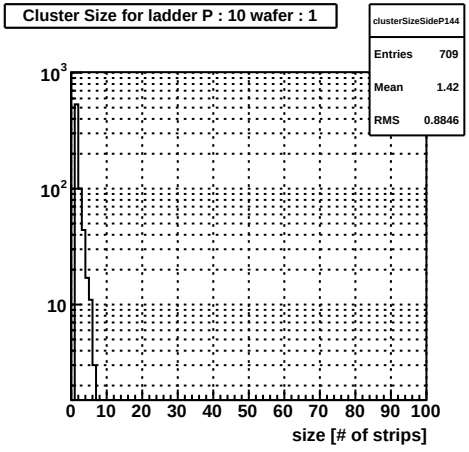

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 707
Mean 1.522
RMS 0.8596
size [# of strips]

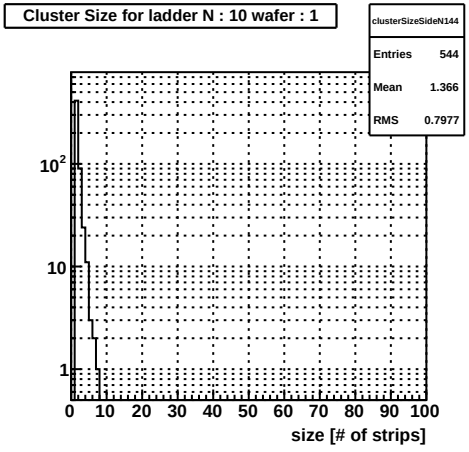

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4943
Mean 1.089
RMS 0.4192
size [# of strips]

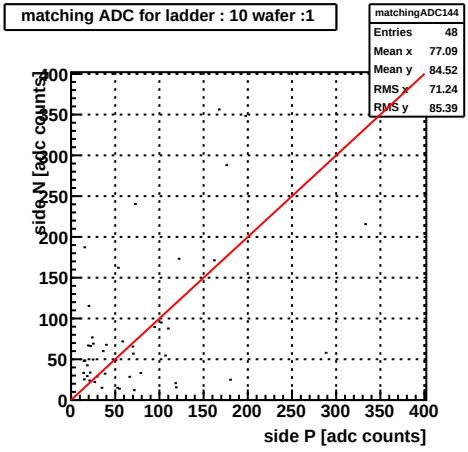

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 180
Mean x 91.57
Mean y 102.2
RMS x 65.05
RMS y 70.28
side N [adc counts]
side P [adc counts]

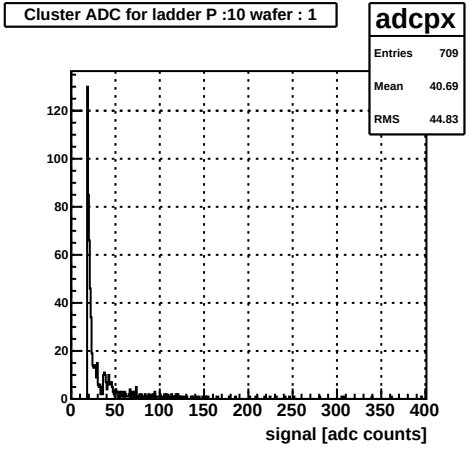

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 707
Mean 80.43
RMS 67.66
signal [adc counts]

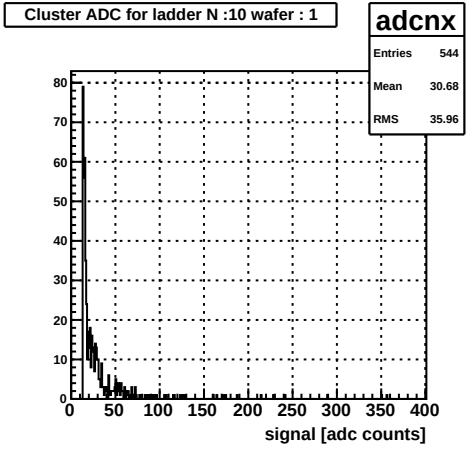

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4943
Mean 22.69
RMS 25.84
signal [adc counts]

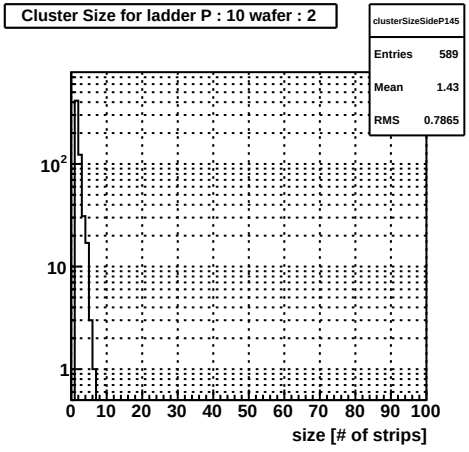

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 709
Mean 1.42
RMS 0.8846
size [# of strips]

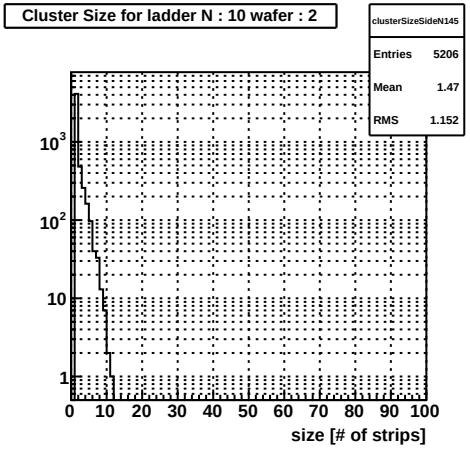

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 544
Mean 1.366
RMS 0.7977
size [# of strips]

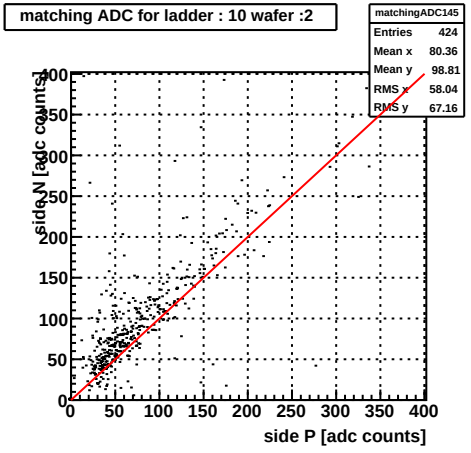

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 48
Mean x 77.09
Mean y 84.52
RMS x 71.24
RMS y 85.39
side N [adc counts]
side P [adc counts]

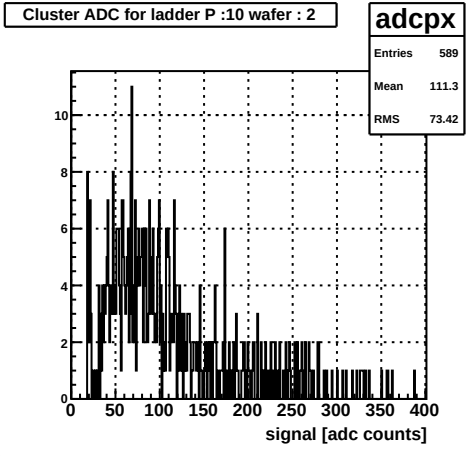

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 709
Mean 40.69
RMS 44.83
signal [adc counts]

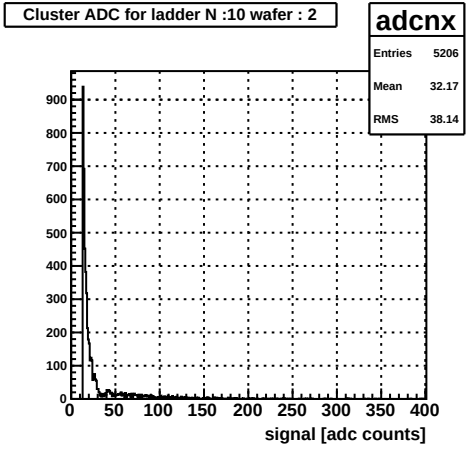

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 544
Mean 30.68
RMS 35.96
signal [adc counts]

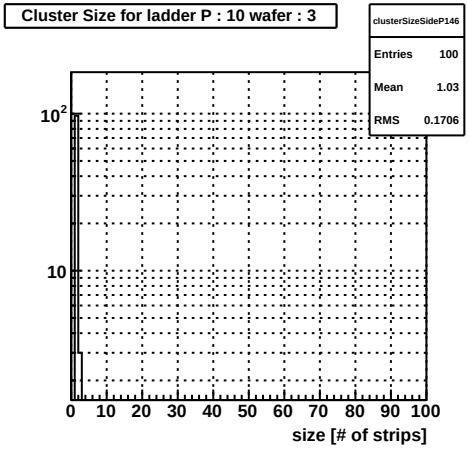

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 589
Mean 1.43
RMS 0.7865
size [# of strips]

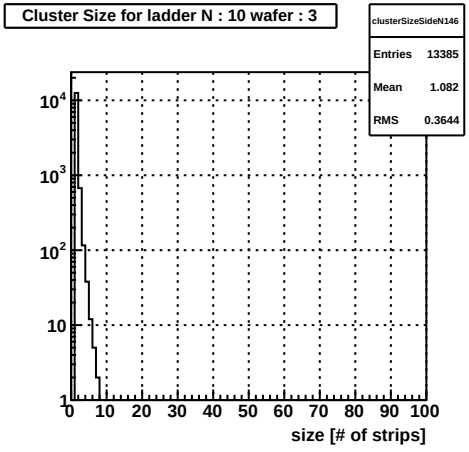

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5206
Mean 1.47
RMS 1.152
size [# of strips]

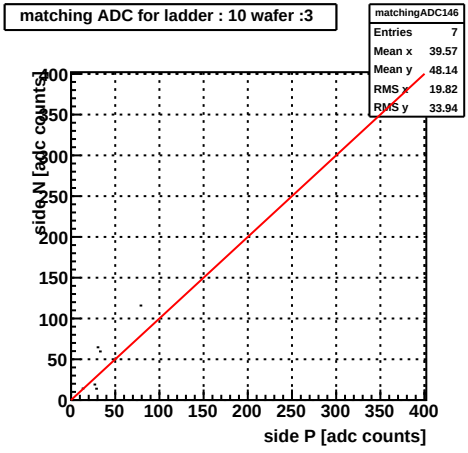

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 424
Mean x 80.36
Mean y 98.81
RMS x 58.04
RMS y 67.16
side N [adc counts]
side P [adc counts]

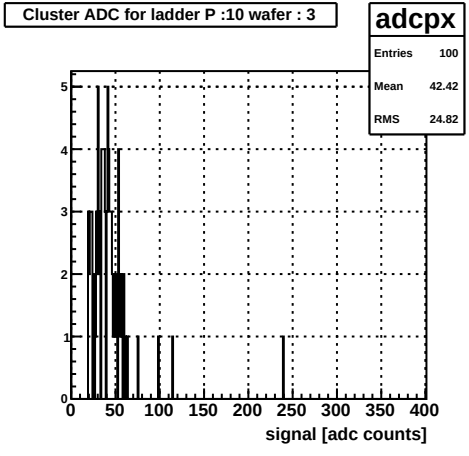

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 589
Mean 111.3
RMS 73.42
signal [adc counts]

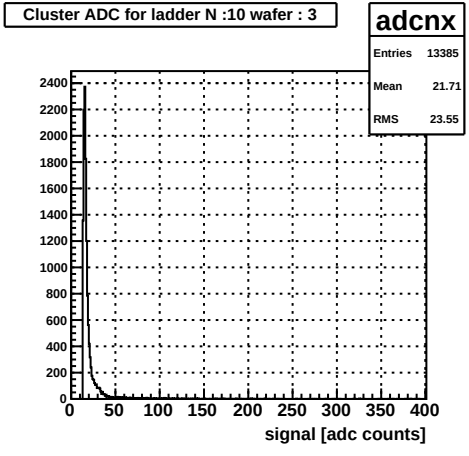

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5206
Mean 32.17
RMS 38.14
signal [adc counts]

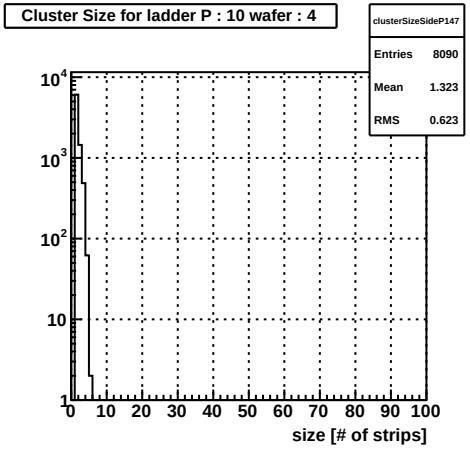

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 100
Mean 1.03
RMS 0.1706
size [# of strips]

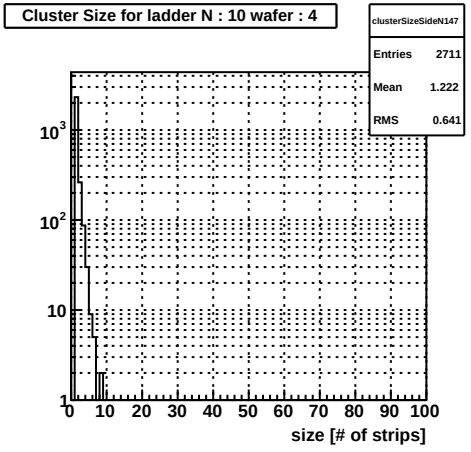

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13385
Mean 1.082
RMS 0.3644
size [# of strips]

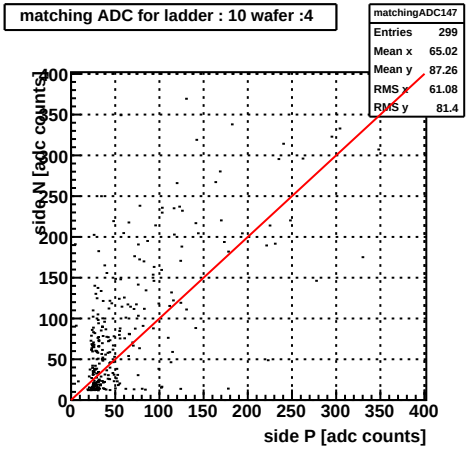

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 7
Mean x 39.57
Mean y 48.14
RMS x 19.82
RMS y 33.94
side N [adc counts]
side P [adc counts]

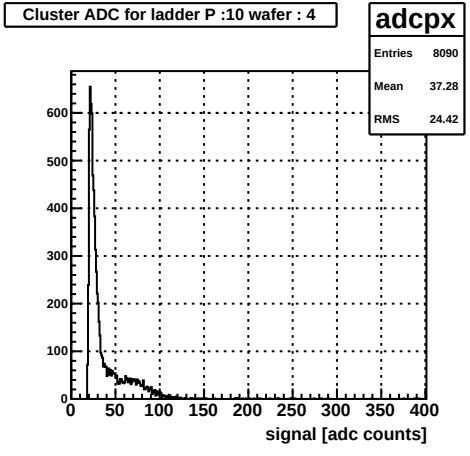

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 100
Mean 42.42
RMS 24.82
signal [adc counts]

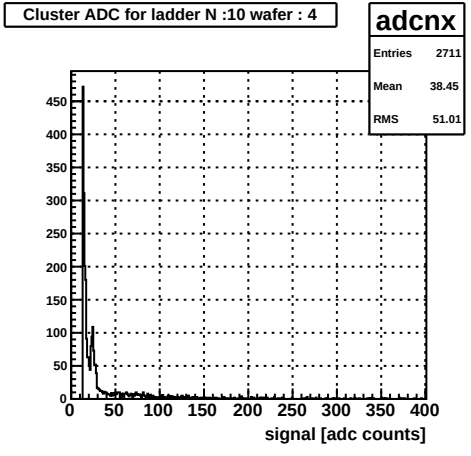

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13385
Mean 21.71
RMS 23.55
signal [adc counts]

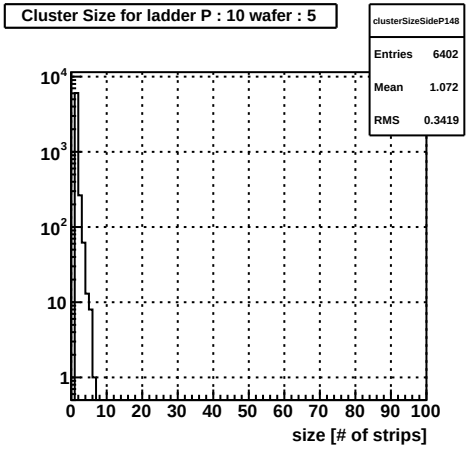

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8090
Mean 1.323
RMS 0.623
size [# of strips]

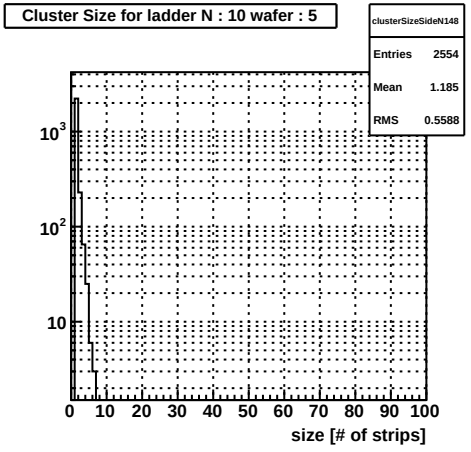

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2711
Mean 1.222
RMS 0.641
size [# of strips]

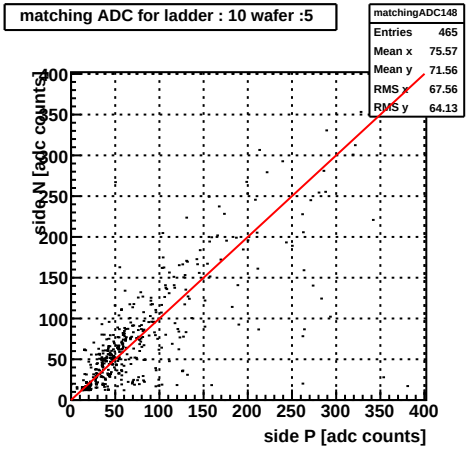

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 299
Mean x 65.02
Mean y 87.26
RMS x 61.08
RMS y 81.4
side N [adc counts]
side P [adc counts]

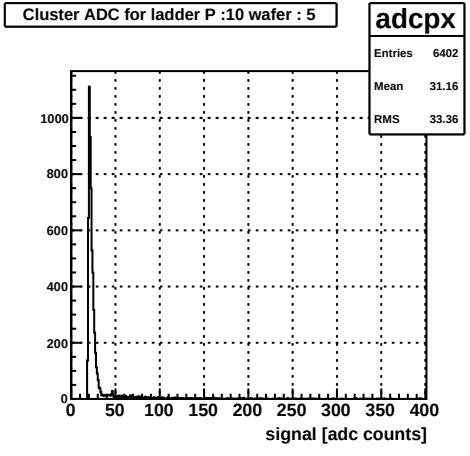

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8090
Mean 37.28
RMS 24.42
signal [adc counts]

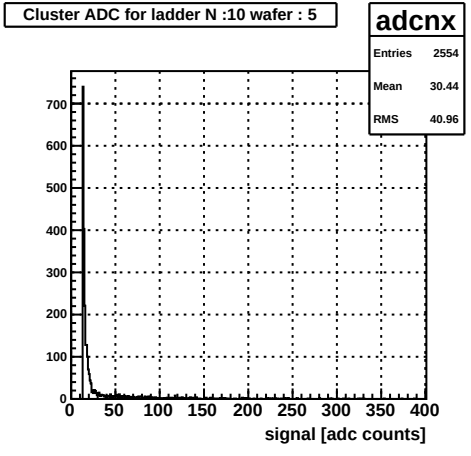

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2711
Mean 38.45
RMS 51.01
signal [adc counts]

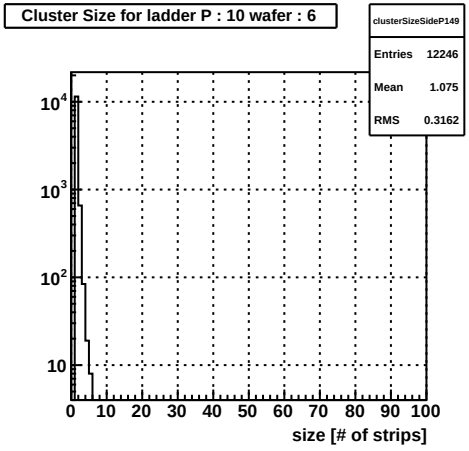

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6402
Mean 1.072
RMS 0.3419
size [# of strips]

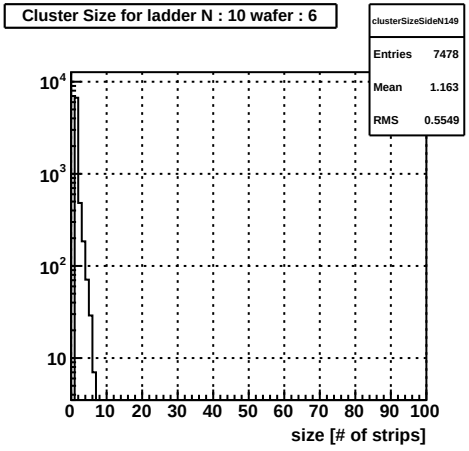

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2554
Mean 1.185
RMS 0.5588
size [# of strips]

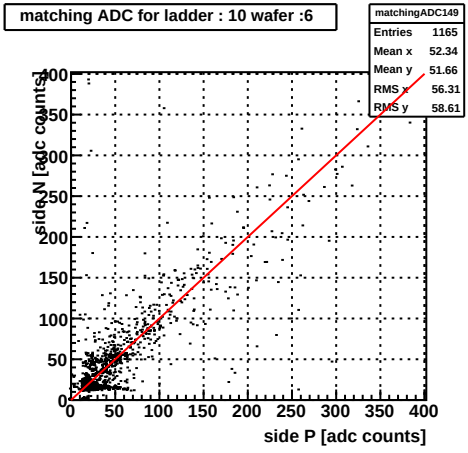

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 465
Mean x 75.57
Mean y 71.56
RMS x 67.56
RMS y 64.13
side N [adc counts]
side P [adc counts]

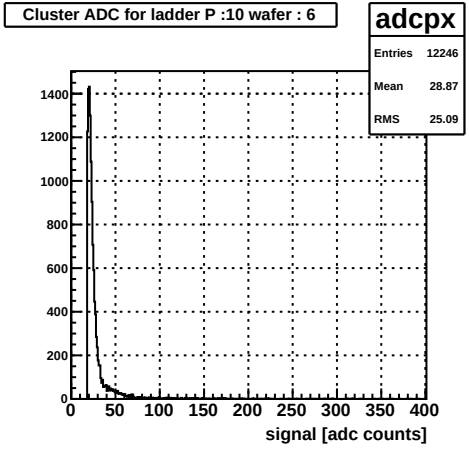

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6402
Mean 31.16
RMS 33.36
signal [adc counts]

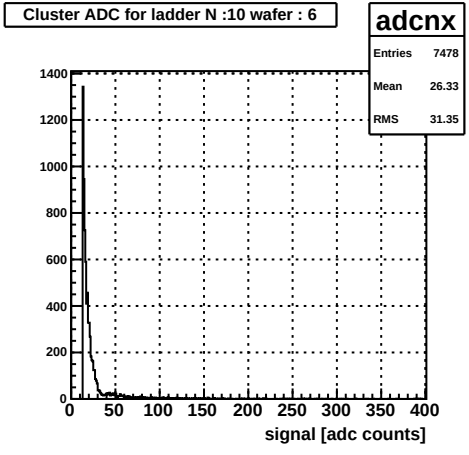

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2554
Mean 30.44
RMS 40.96
signal [adc counts]

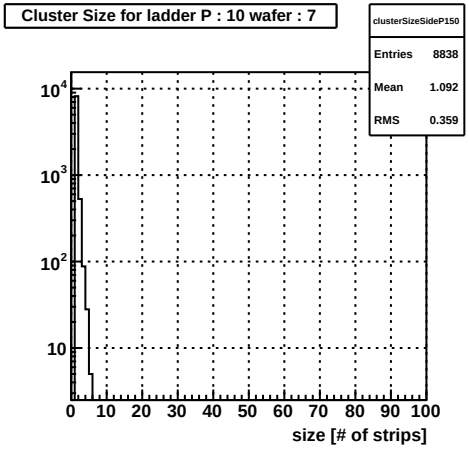

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 12246
Mean 1.075
RMS 0.3162
size [# of strips]

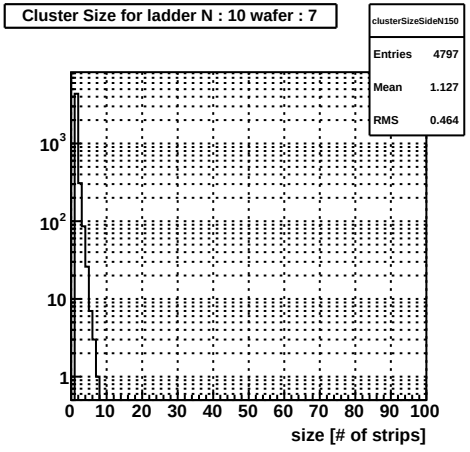

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 7478
Mean 1.163
RMS 0.5549
size [# of strips]

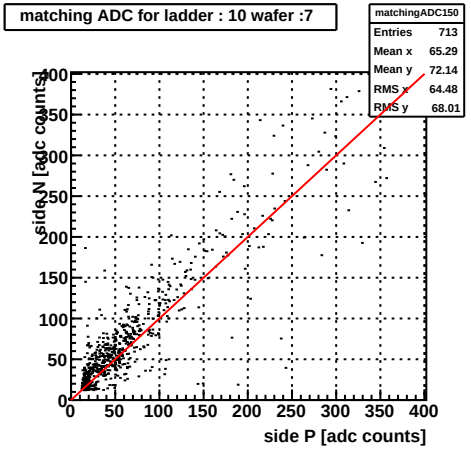

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1165
Mean x 52.34
Mean y 51.66
RMS x 56.31
RMS y 58.61
side N [adc counts]
side P [adc counts]

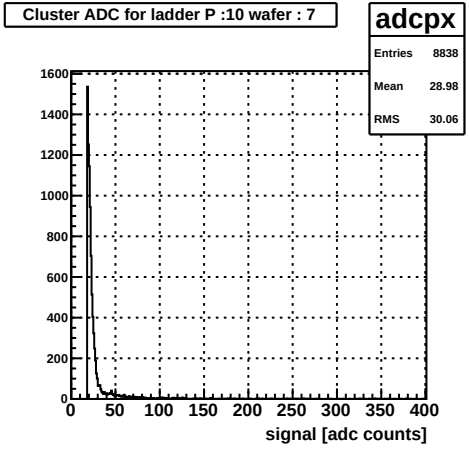

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 12246
Mean 28.87
RMS 25.09
signal [adc counts]

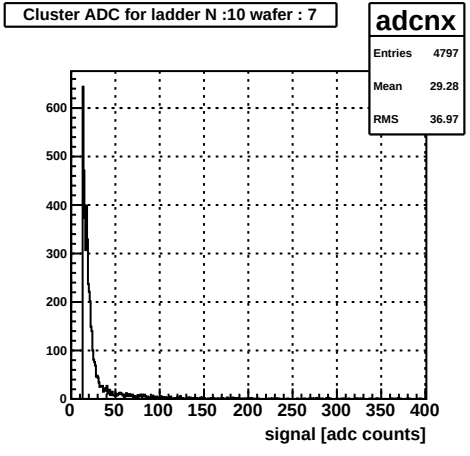

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 7478
Mean 26.33
RMS 31.35
signal [adc counts]

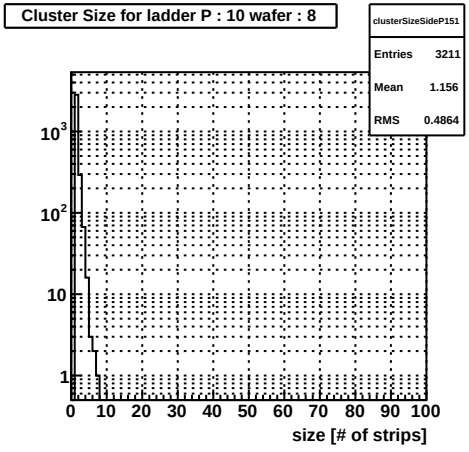

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 8838
Mean 1.092
RMS 0.359
size [# of strips]

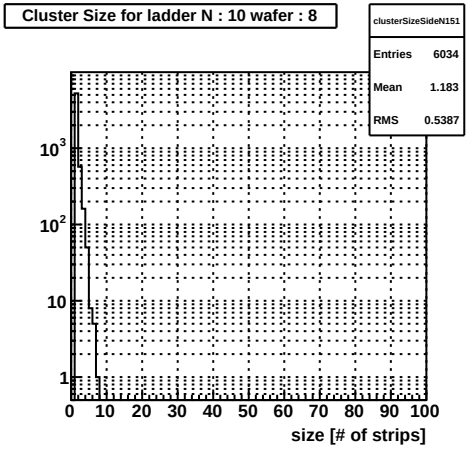

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4797
Mean 1.127
RMS 0.464
size [# of strips]

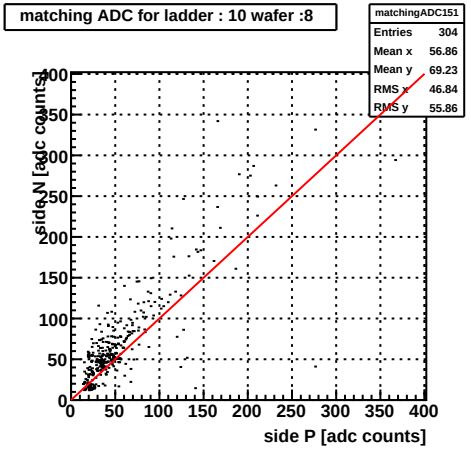

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 713
Mean x 65.29
Mean y 72.14
RMS x 64.48
RMS y 68.01
side N [adc counts]
side P [adc counts]

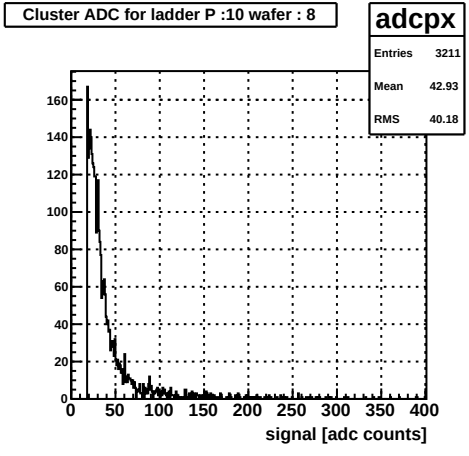

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 8838
Mean 28.98
RMS 30.06
signal [adc counts]

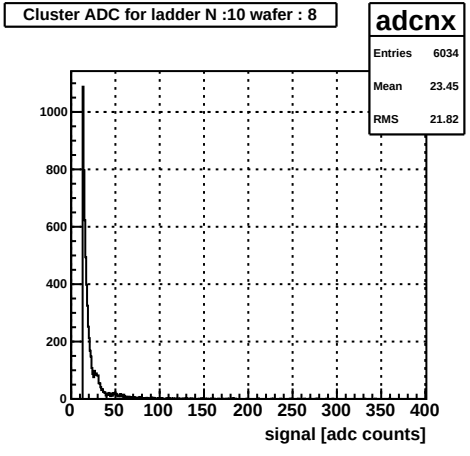

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4797
Mean 29.28
RMS 36.97
signal [adc counts]

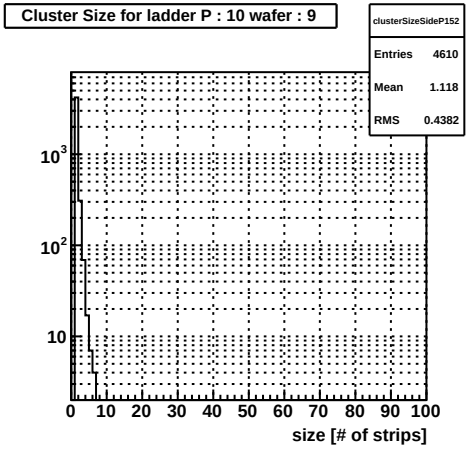

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3211
Mean 1.156
RMS 0.4864
size [# of strips]

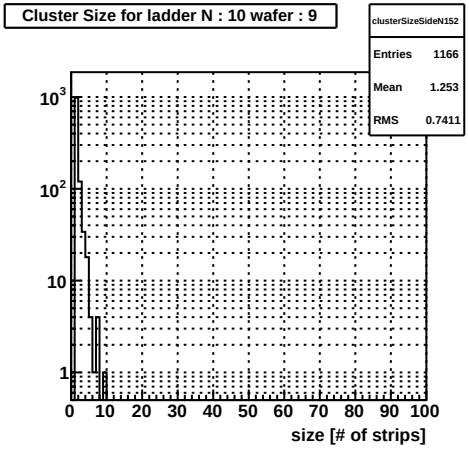

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6034
Mean 1.183
RMS 0.5387
size [# of strips]

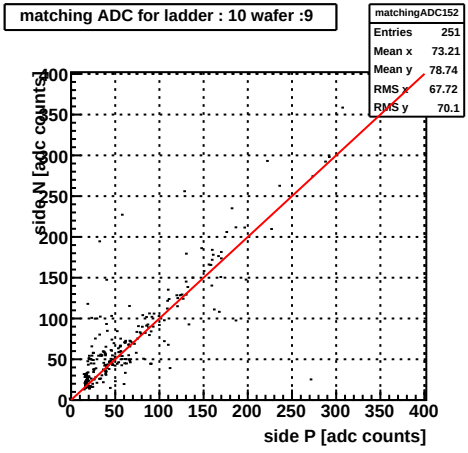

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 304
Mean x 56.86
Mean y 69.23
RMS x 46.84
RMS y 55.86
side N [adc counts]
side P [adc counts]

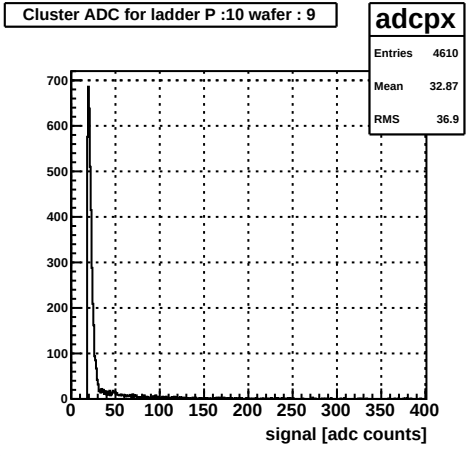

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3211
Mean 42.93
RMS 40.18
signal [adc counts]

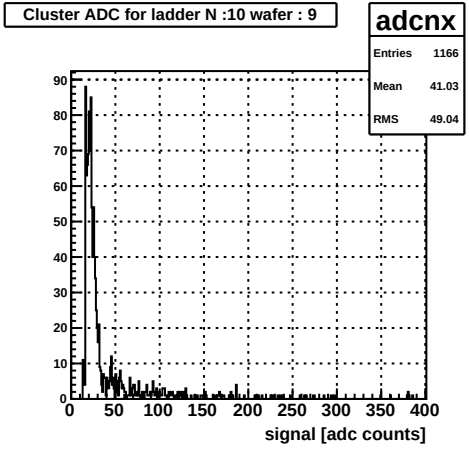

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6034
Mean 23.45
RMS 21.82
signal [adc counts]

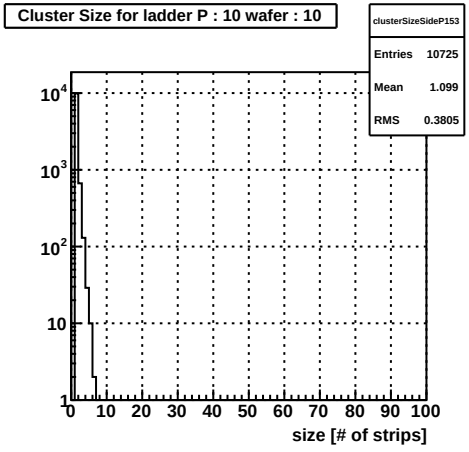

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4610
Mean 1.118
RMS 0.4382
size [# of strips]

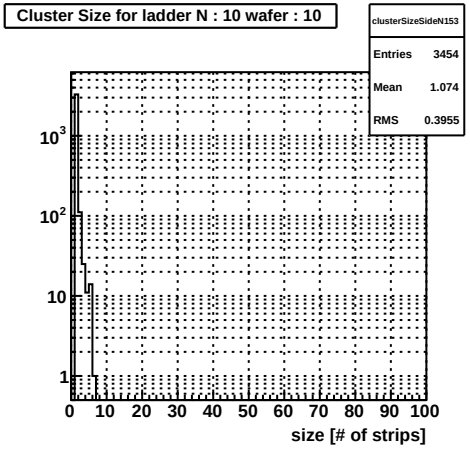

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1166
Mean 1.253
RMS 0.7411
size [# of strips]

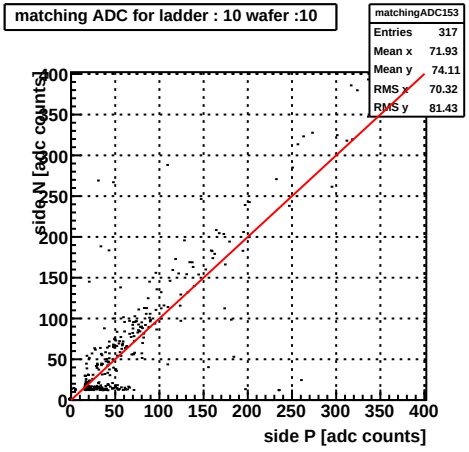

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 251
Mean x 73.21
Mean y 78.74
RMS x 67.72
RMS y 70.1
side N [adc counts]
side P [adc counts]

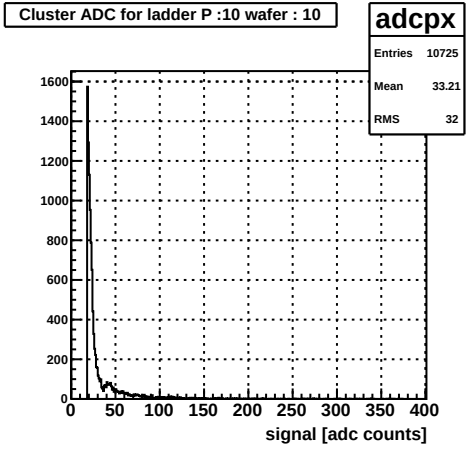

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4610
Mean 32.87
RMS 36.9
signal [adc counts]

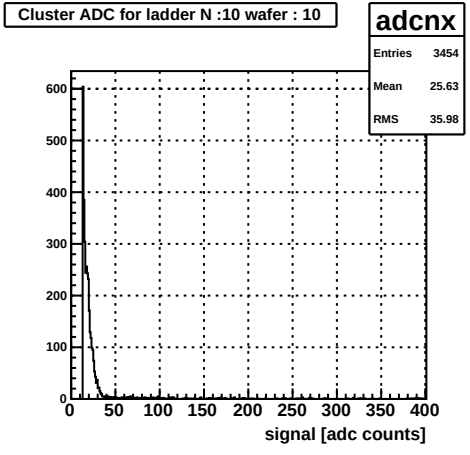

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1166
Mean 41.03
RMS 49.04
signal [adc counts]

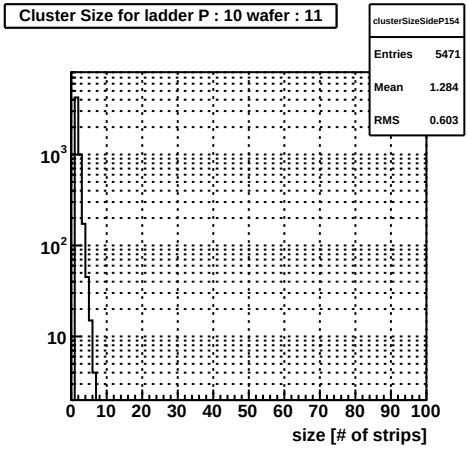

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 10725
Mean 1.099
RMS 0.3805
size [# of strips]

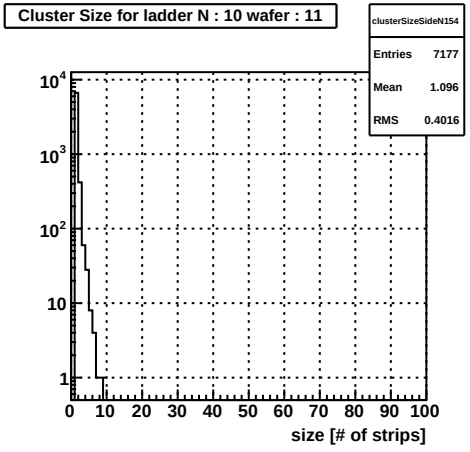

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3454
Mean 1.074
RMS 0.3955
size [# of strips]

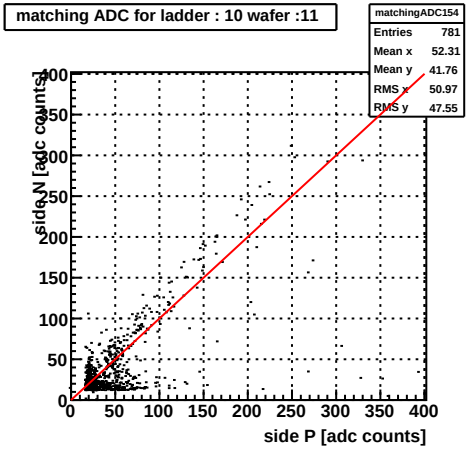

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 317
Mean x 71.93
Mean y 74.11
RMS x 70.32
RMS y 81.43
side N [adc counts]
side P [adc counts]

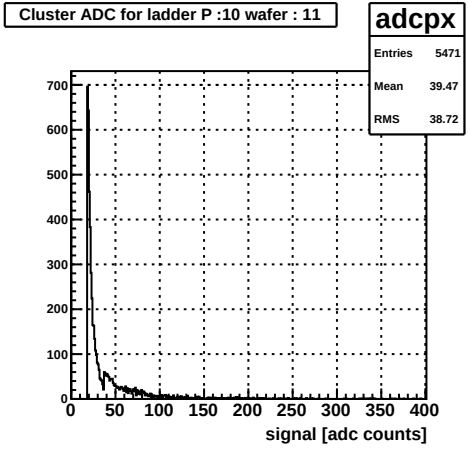

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 10725
Mean 33.21
RMS 32
signal [adc counts]

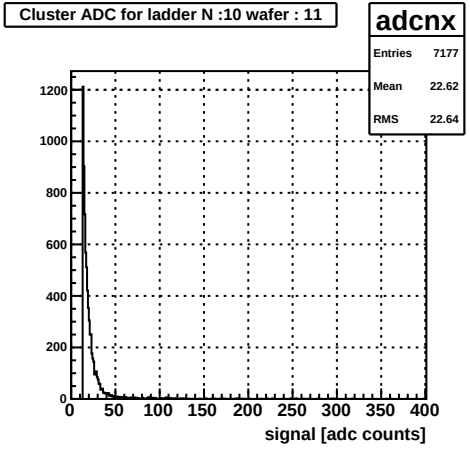

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3454
Mean 25.63
RMS 35.98
signal [adc counts]

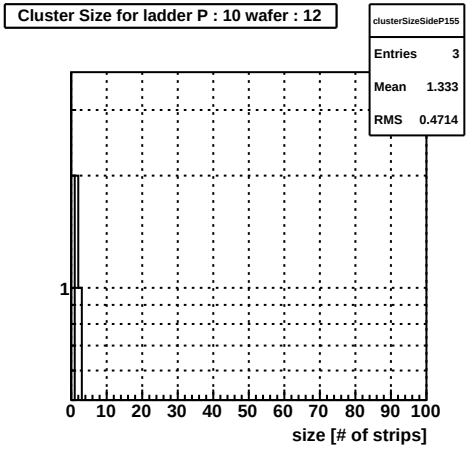

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5471
Mean 1.284
RMS 0.603
size [# of strips]

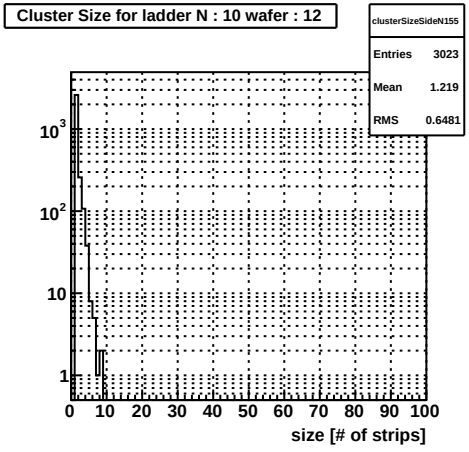

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 7177
Mean 1.096
RMS 0.4016
size [# of strips]

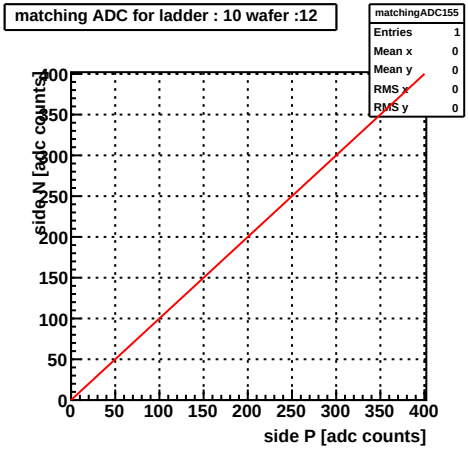

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 781
Mean x 52.31
Mean y 41.76
RMS x 50.97
RMS y 47.55
side N [adc counts]
side P [adc counts]

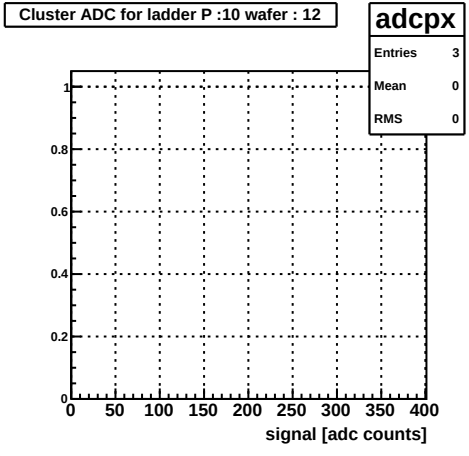

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5471
Mean 39.47
RMS 38.72
signal [adc counts]

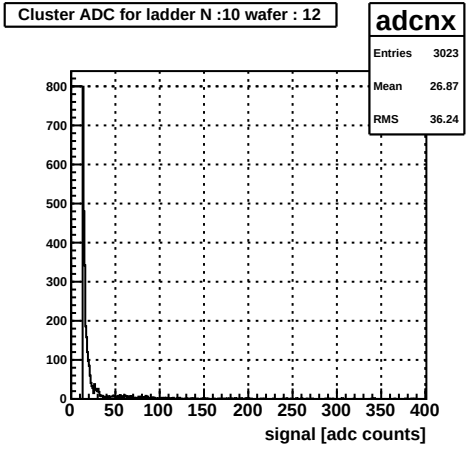

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 7177
Mean 22.62
RMS 22.64
signal [adc counts]

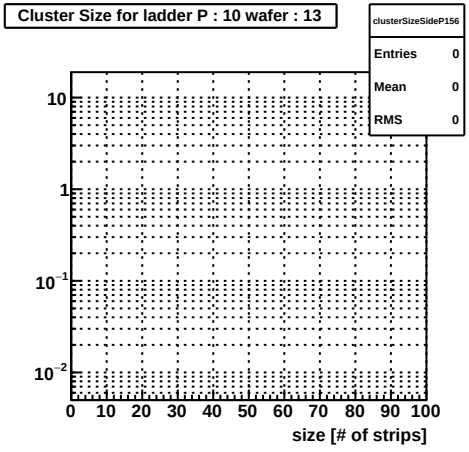

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

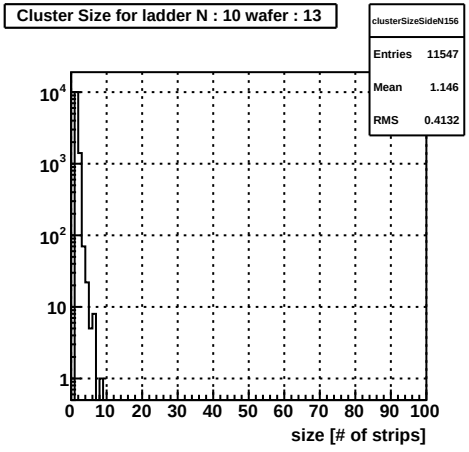

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3023
Mean 1.219
RMS 0.6481
size [# of strips]

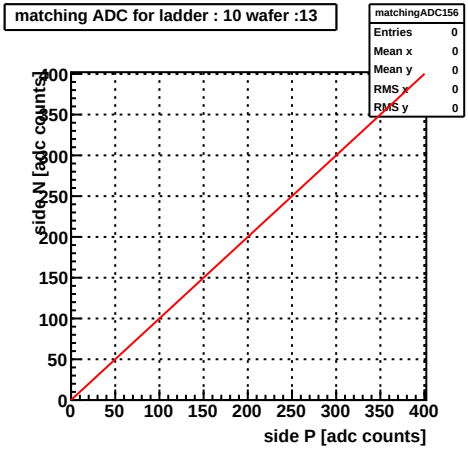

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

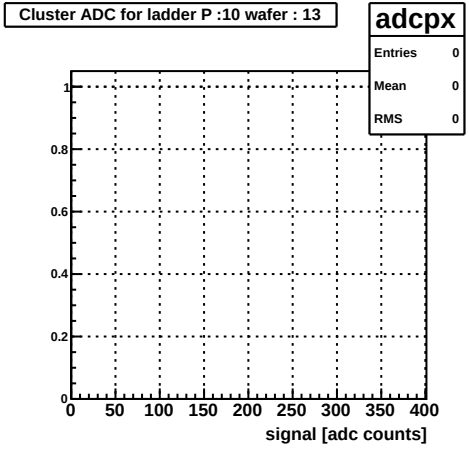

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

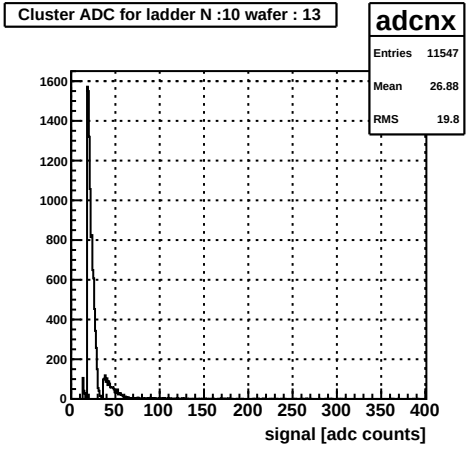

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3023
Mean 26.87
RMS 36.24
signal [adc counts]

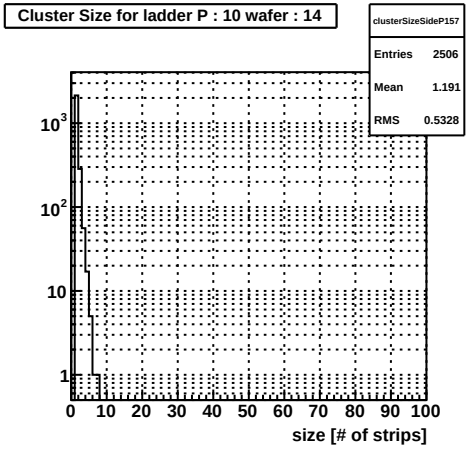

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

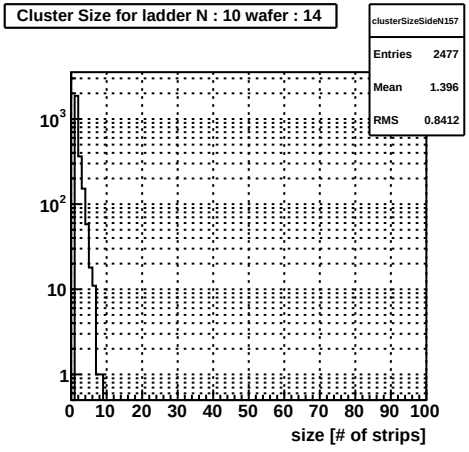

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 11547
Mean 1.146
RMS 0.4132
size [# of strips]

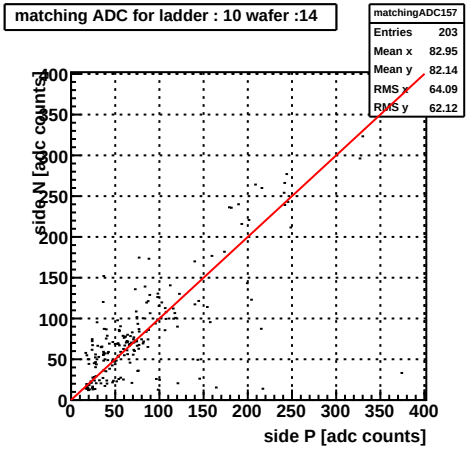

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

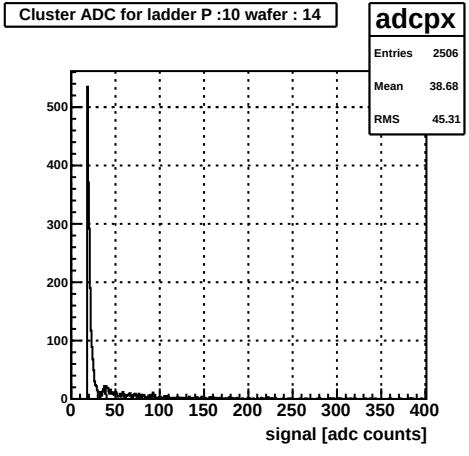

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

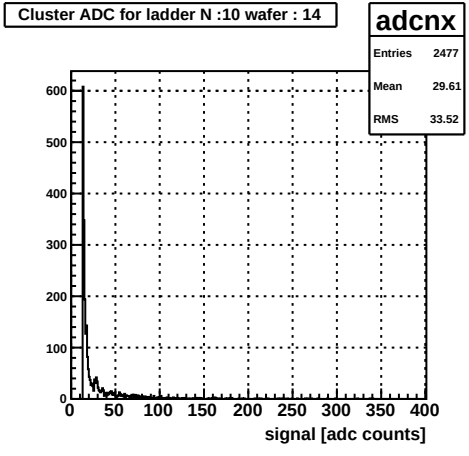

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 11547
Mean 26.88
RMS 19.8
signal [adc counts]

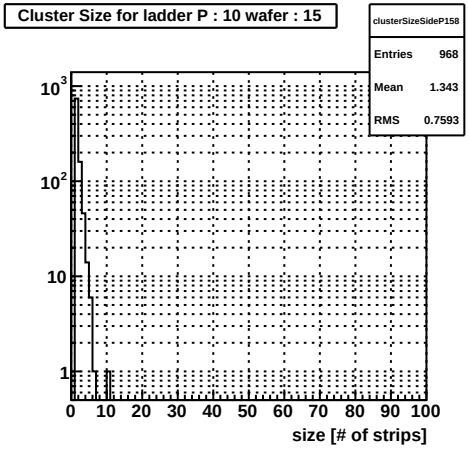

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2506
Mean 1.191
RMS 0.5328
size [# of strips]

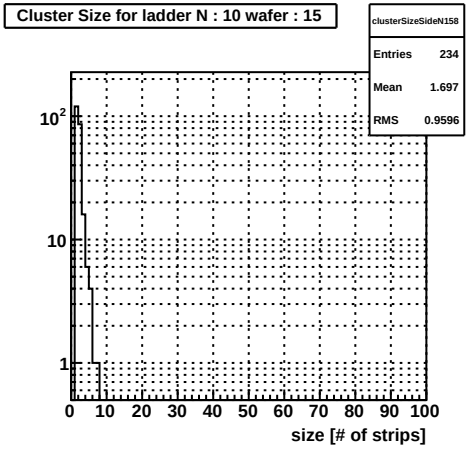

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2477
Mean 1.396
RMS 0.8412
size [# of strips]

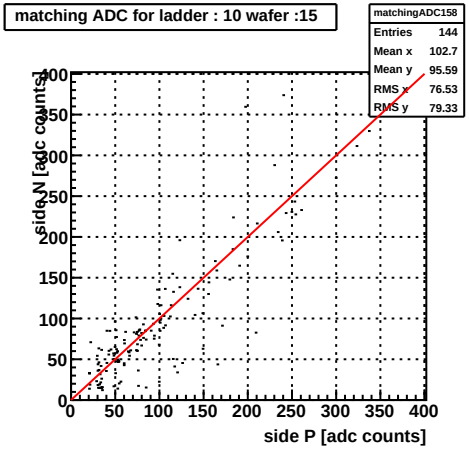

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 203
Mean x 82.95
Mean y 82.14
RMS x 64.09
RMS y 62.12
side N [adc counts]
side P [adc counts]

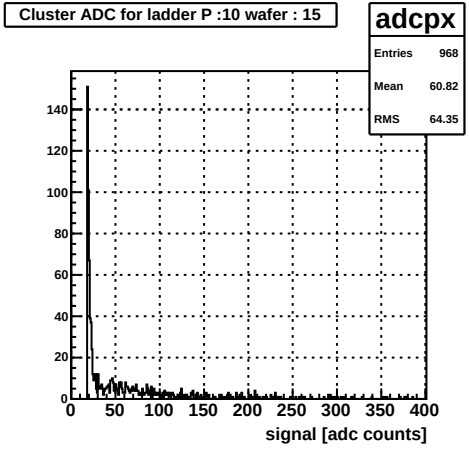

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2506
Mean 38.68
RMS 45.31
signal [adc counts]

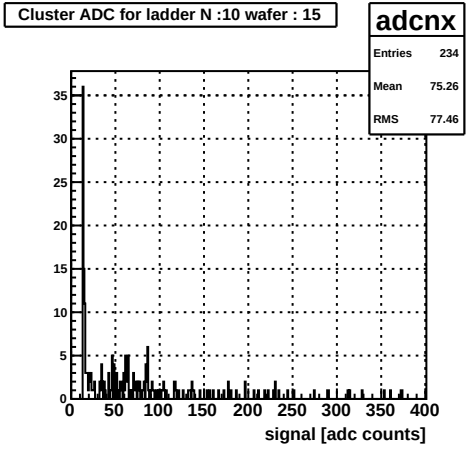

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2477
Mean 29.61
RMS 33.52
signal [adc counts]

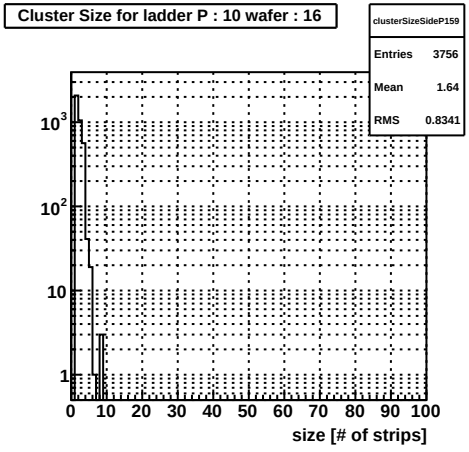

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 968
Mean 1.343
RMS 0.7593
size [# of strips]

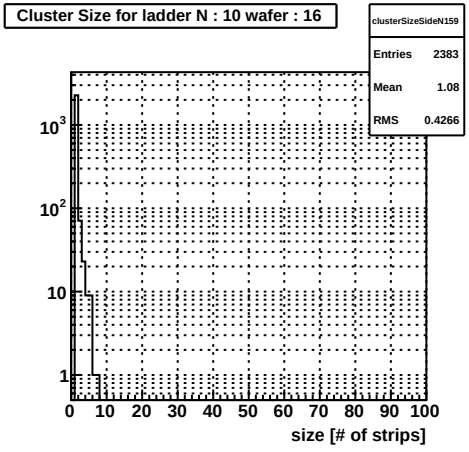

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 234
Mean 1.697
RMS 0.9596
size [# of strips]

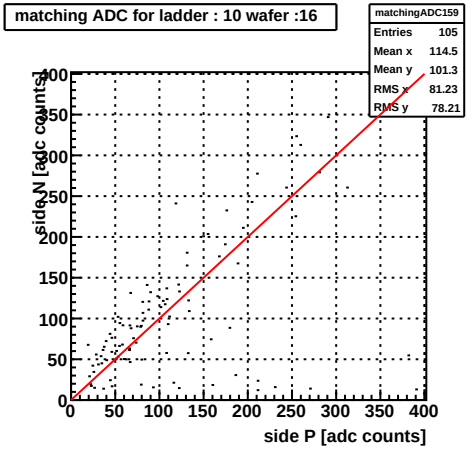

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 144
Mean x 102.7
Mean y 95.59
RMS x 76.53
RMS y 79.33
side N [adc counts]
side P [adc counts]

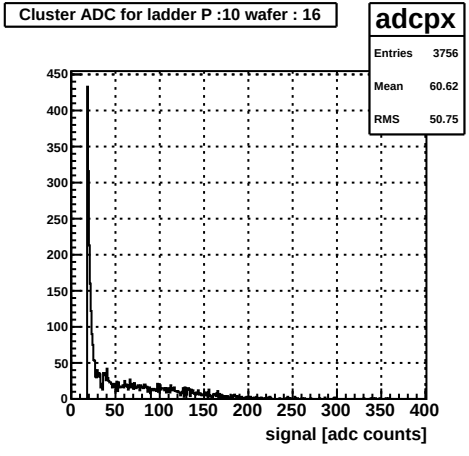

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 968
Mean 60.82
RMS 64.35
signal [adc counts]

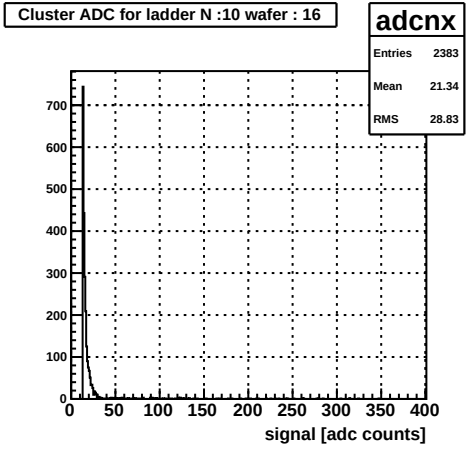

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 234
Mean 75.26
RMS 77.46
signal [adc counts]

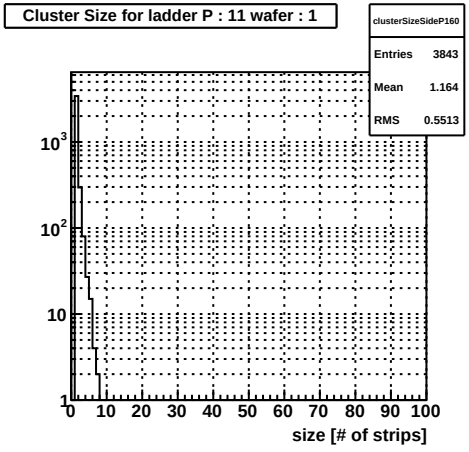

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3756
Mean 1.64
RMS 0.8341
size [# of strips]

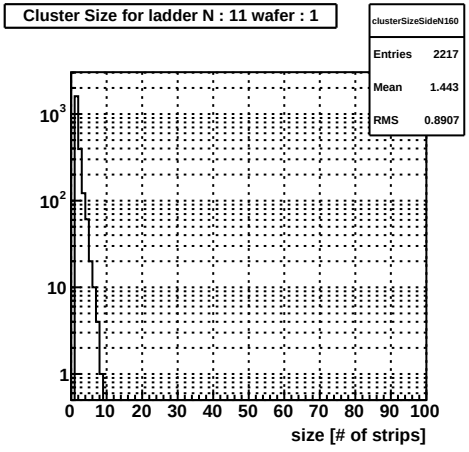

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2383
Mean 1.08
RMS 0.4266
size [# of strips]

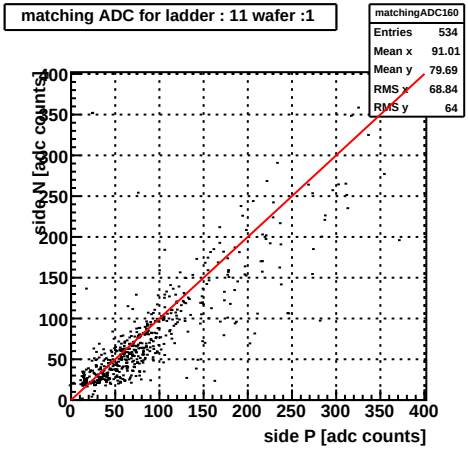

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 105
Mean x 114.5
Mean y 101.3
RMS x 81.23
RMS y 78.21
side N [adc counts]
side P [adc counts]

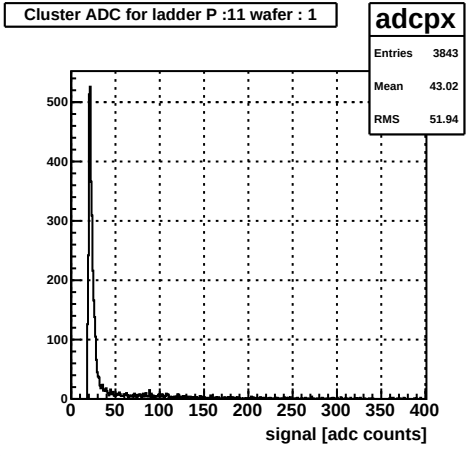

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3756
Mean 60.62
RMS 50.75
signal [adc counts]

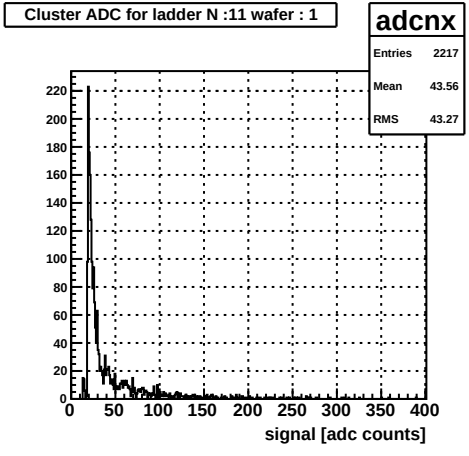

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2383
Mean 21.34
RMS 28.83
signal [adc counts]

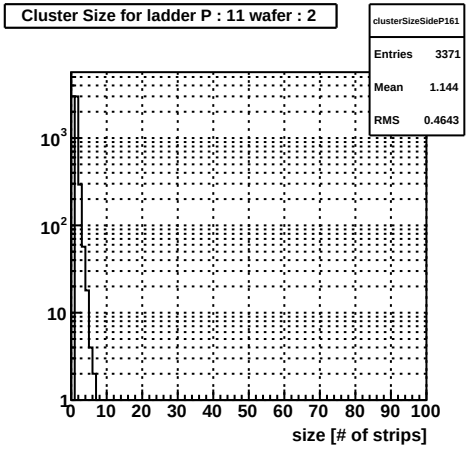

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3843
Mean 1.164
RMS 0.5513
size [# of strips]

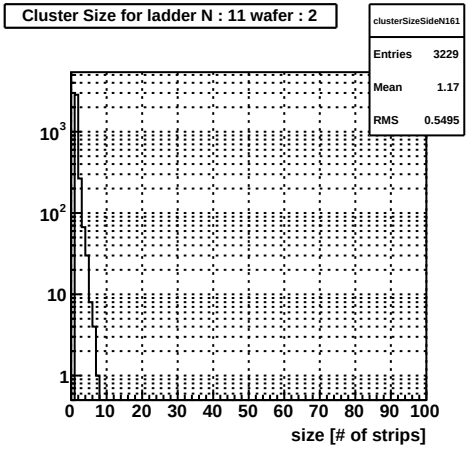

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2217
Mean 1.443
RMS 0.8907
size [# of strips]

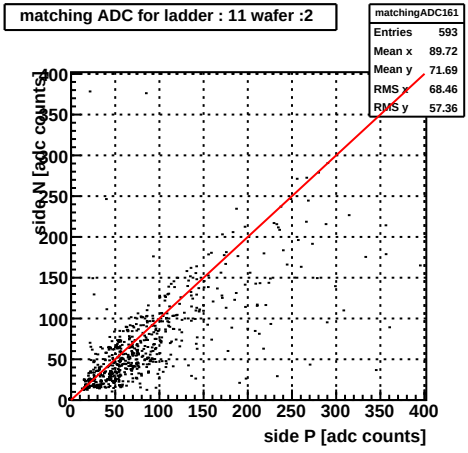

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 534
Mean x 91.01
Mean y 79.69
RMS x 68.84
RMS y 64
side N [adc counts]
side P [adc counts]

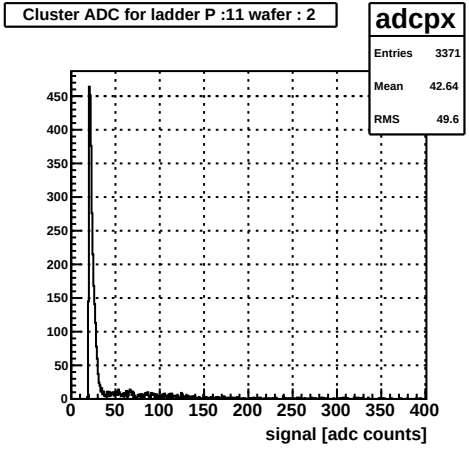

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3843
Mean 43.02
RMS 51.94
signal [adc counts]

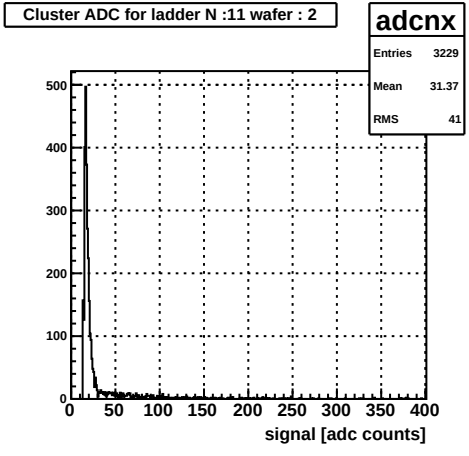

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2217
Mean 43.56
RMS 43.27
signal [adc counts]

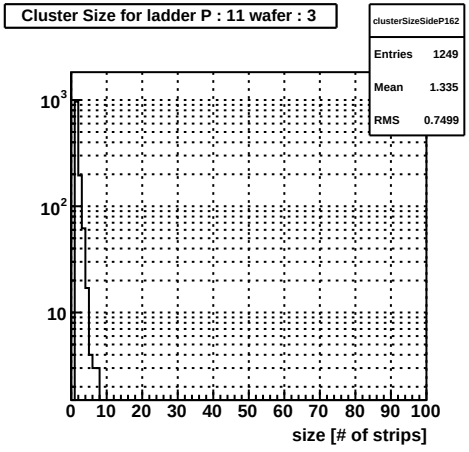

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3371
Mean 1.144
RMS 0.4643
size [# of strips]

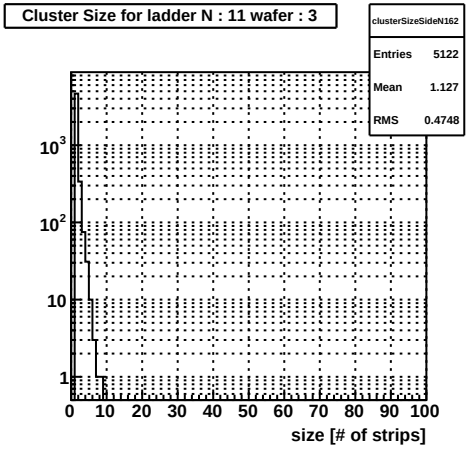

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 3229
Mean 1.17
RMS 0.5495
size [# of strips]

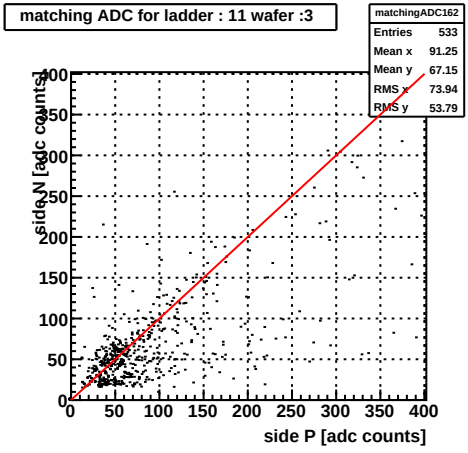

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 593
Mean x 89.72
Mean y 71.69
RMS x 68.46
RMS y 57.36
side N [adc counts]
side P [adc counts]

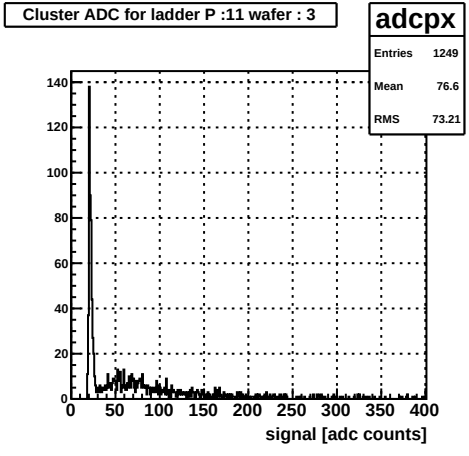

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3371
Mean 42.64
RMS 49.6
signal [adc counts]

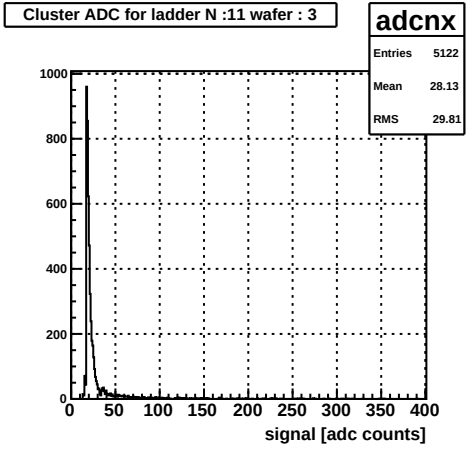

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 3229
Mean 31.37
RMS 41
signal [adc counts]

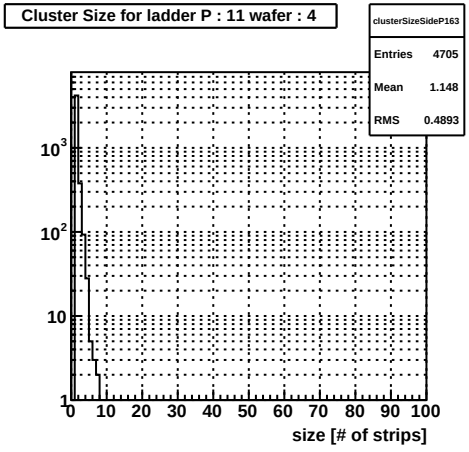

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1249
Mean 1.335
RMS 0.7499
size [# of strips]

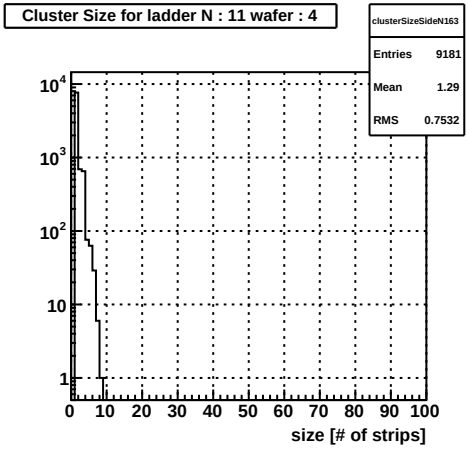

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5122
Mean 1.127
RMS 0.4748
size [# of strips]

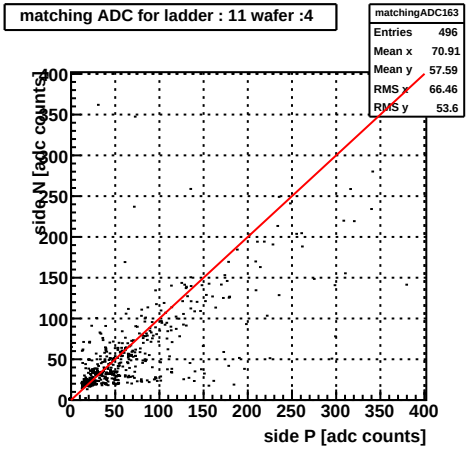

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 533
Mean x 91.25
Mean y 67.15
RMS x 73.94
RMS y 53.79
side N [adc counts]
side P [adc counts]

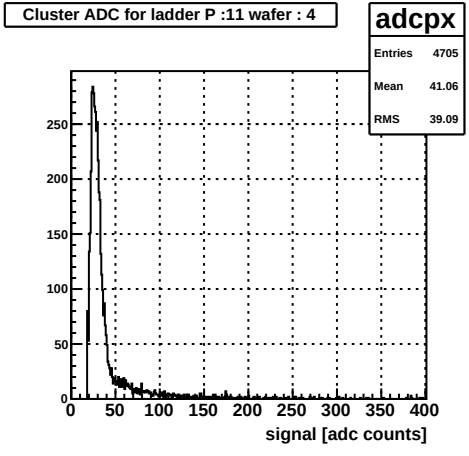

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1249
Mean 76.6
RMS 73.21
signal [adc counts]

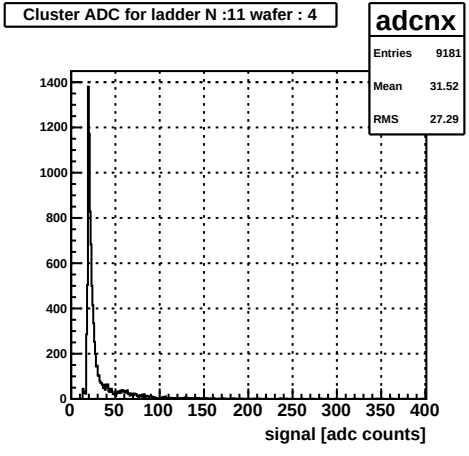

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5122
Mean 28.13
RMS 29.81
signal [adc counts]

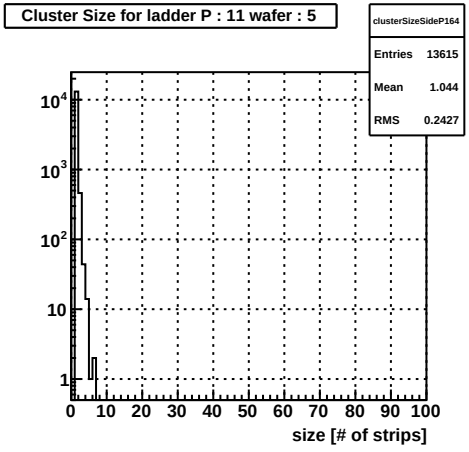

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4705
Mean 1.148
RMS 0.4893
size [# of strips]

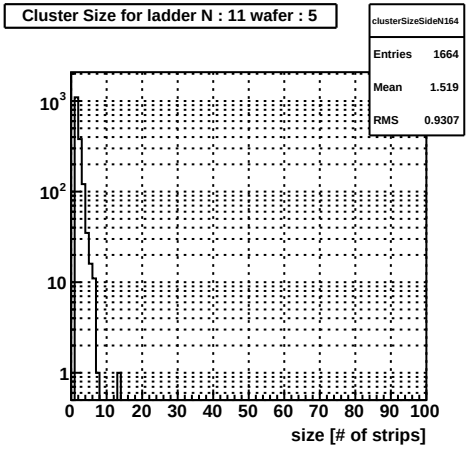

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9181
Mean 1.29
RMS 0.7532
size [# of strips]

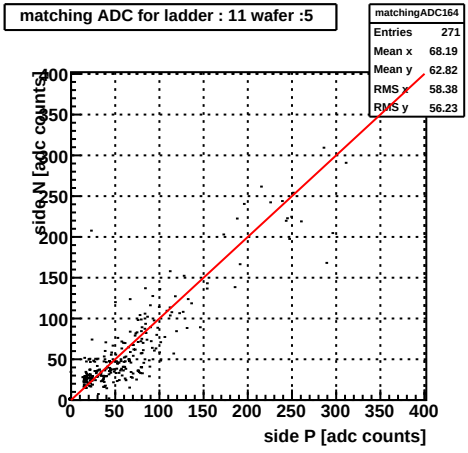

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 496
Mean x 70.91
Mean y 57.59
RMS x 66.46
RMS y 53.6
side N [adc counts]
side P [adc counts]

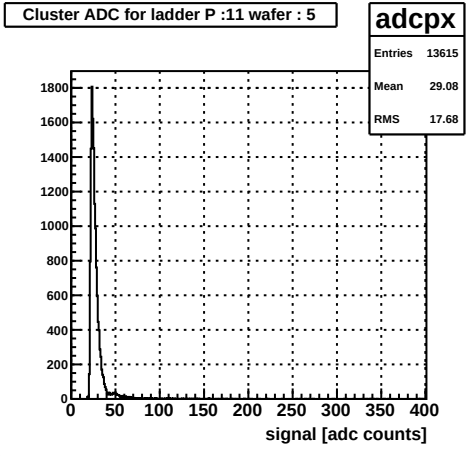

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4705
Mean 41.06
RMS 39.09
signal [adc counts]

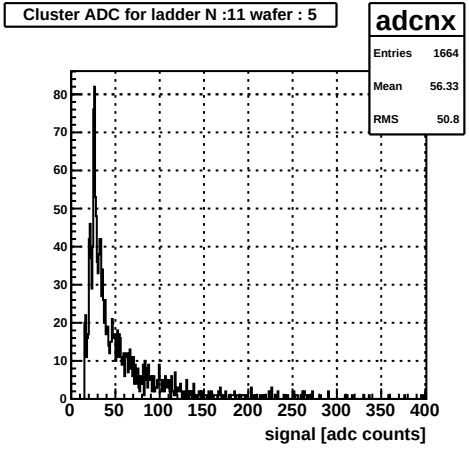

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9181
Mean 31.52
RMS 27.29
signal [adc counts]

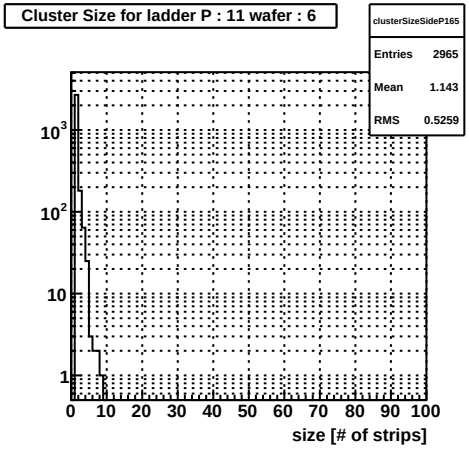

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13615
Mean 1.044
RMS 0.2427
size [# of strips]

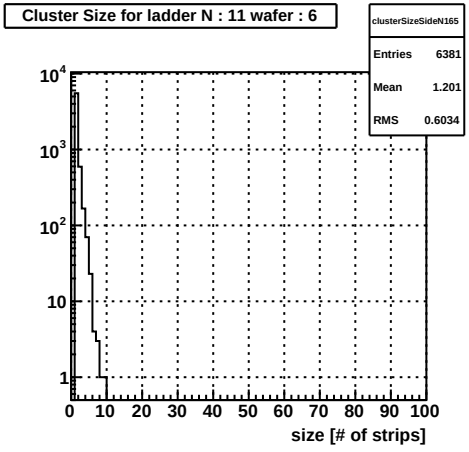

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1664
Mean 1.519
RMS 0.9307
size [# of strips]

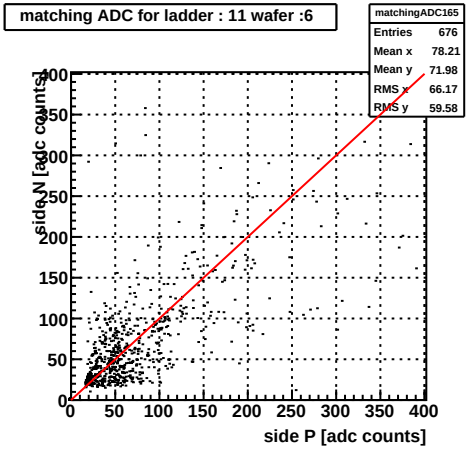

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 271
Mean x 68.19
Mean y 62.82
RMS x 58.38
RMS y 56.23
side N [adc counts]
side P [adc counts]

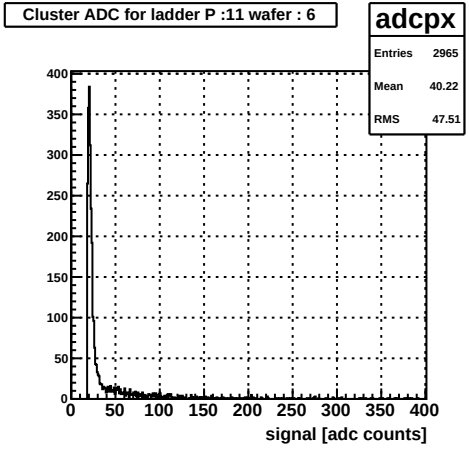

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13615
Mean 29.08
RMS 17.68
signal [adc counts]

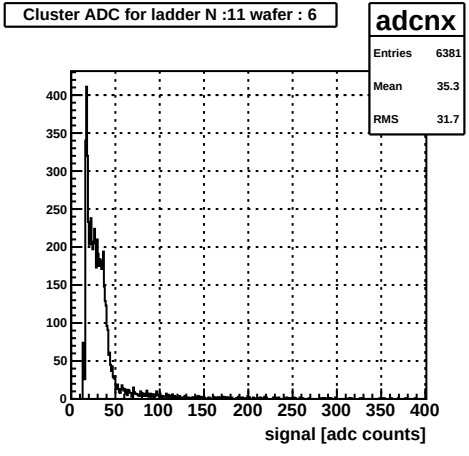

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1664
Mean 56.33
RMS 50.8
signal [adc counts]

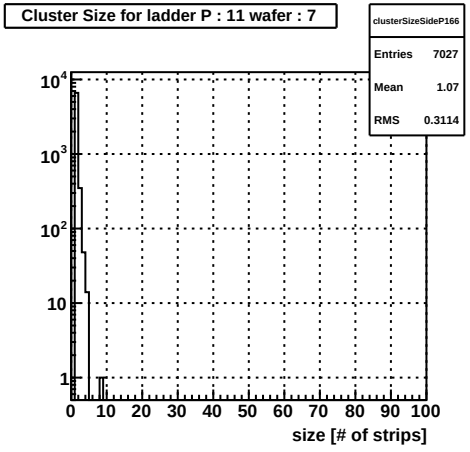

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2965
Mean 1.143
RMS 0.5259
size [# of strips]

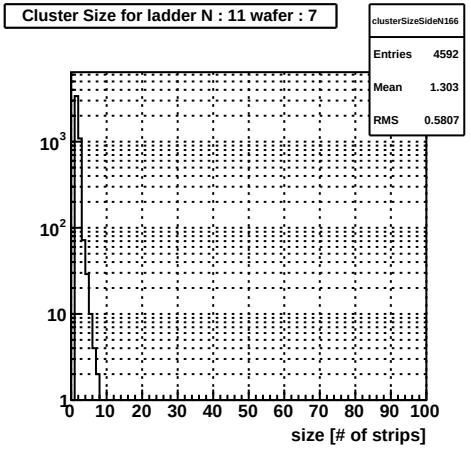

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6381
Mean 1.201
RMS 0.6034
size [# of strips]

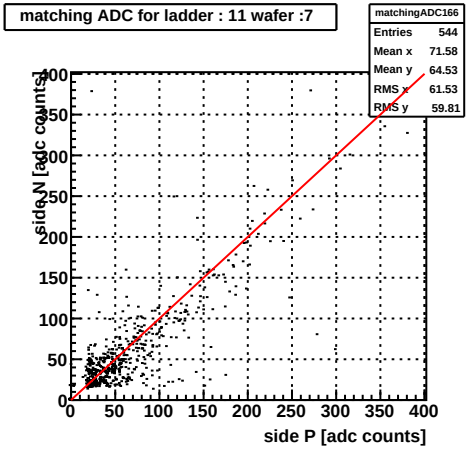

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 676
Mean x 78.21
Mean y 71.98
RMS x 66.17
RMS y 59.58
side N [adc counts]
side P [adc counts]

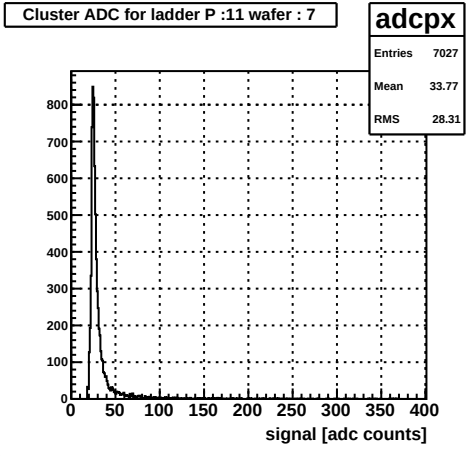

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2965
Mean 40.22
RMS 47.51
signal [adc counts]

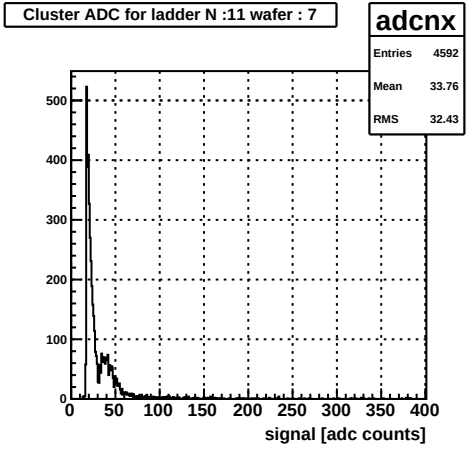

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6381
Mean 35.3
RMS 31.7
signal [adc counts]

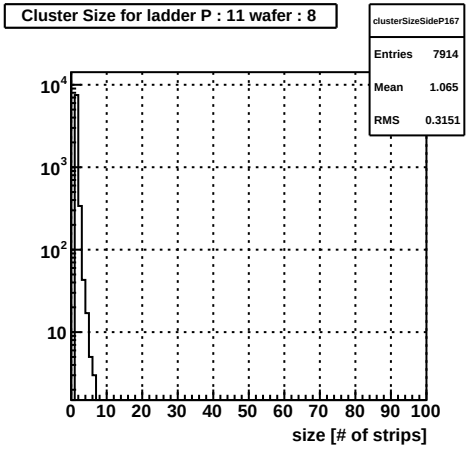

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 7027
Mean 1.07
RMS 0.3114
size [# of strips]

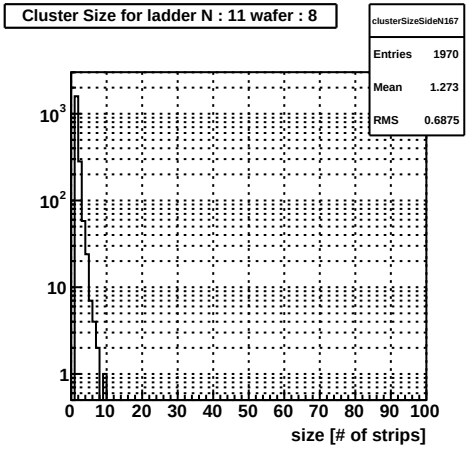

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4592
Mean 1.303
RMS 0.5807
size [# of strips]

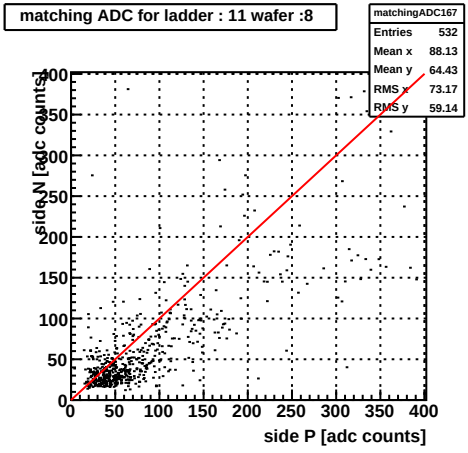

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 544
Mean x 71.58
Mean y 64.53
RMS x 61.53
RMS y 59.81
side N [adc counts]
side P [adc counts]

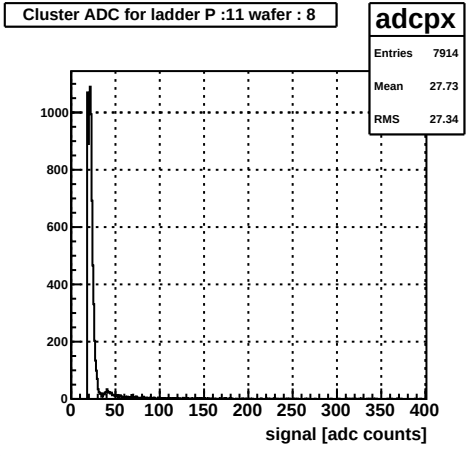

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 7027
Mean 33.77
RMS 28.31
signal [adc counts]

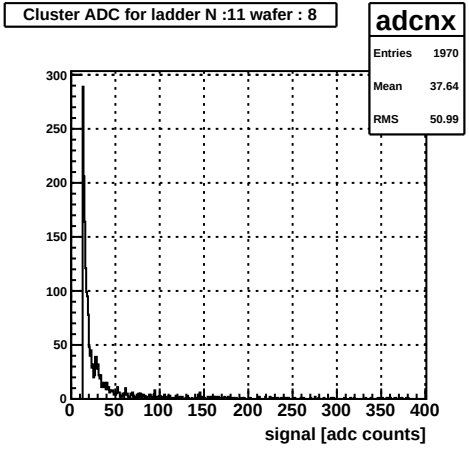

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4592
Mean 33.76
RMS 32.43
signal [adc counts]

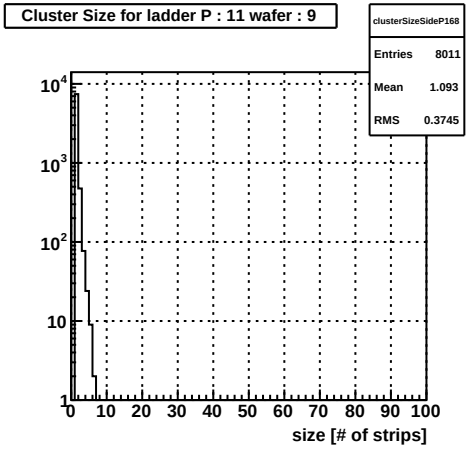

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7914
Mean 1.065
RMS 0.3151
size [# of strips]

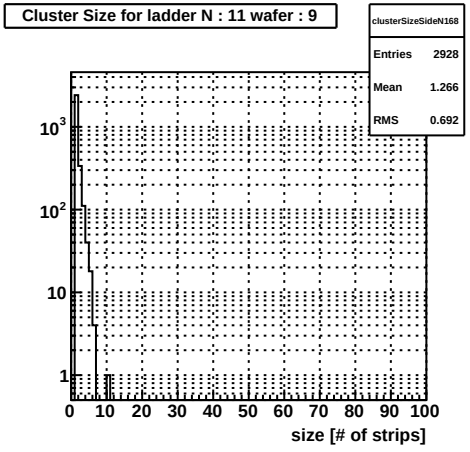

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1970
Mean 1.273
RMS 0.6875
size [# of strips]

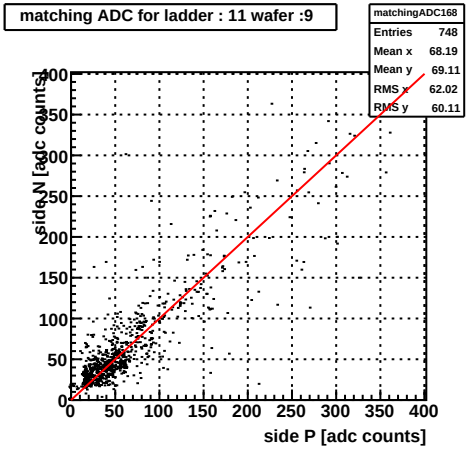

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 532
Mean x 88.13
Mean y 64.43
RMS x 73.17
RMS y 59.14
side N [adc counts]
side P [adc counts]

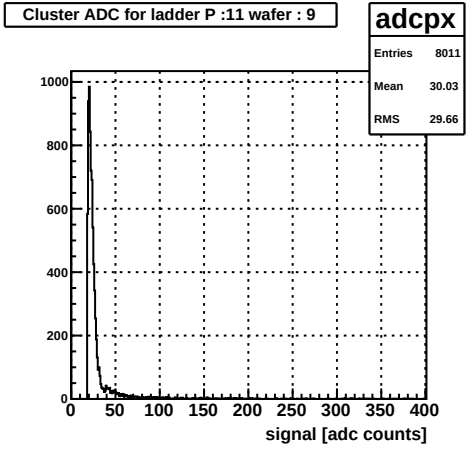

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7914
Mean 27.73
RMS 27.34
signal [adc counts]

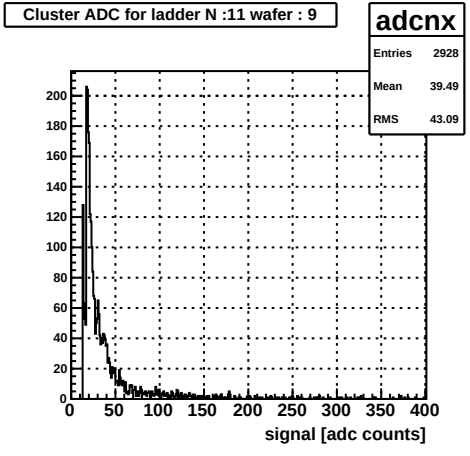

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1970
Mean 37.64
RMS 50.99
signal [adc counts]

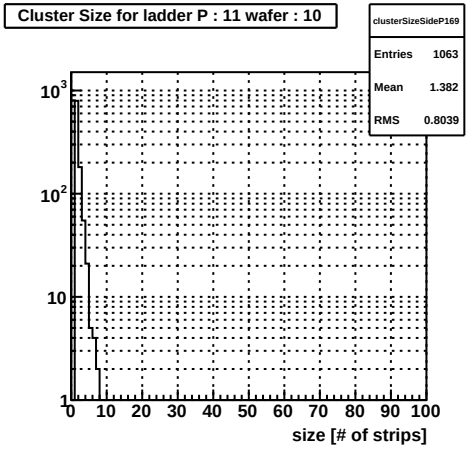

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8011
Mean 1.093
RMS 0.3745
size [# of strips]

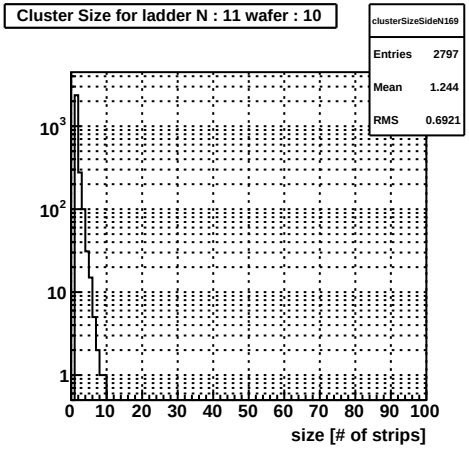

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2928
Mean 1.266
RMS 0.692
size [# of strips]

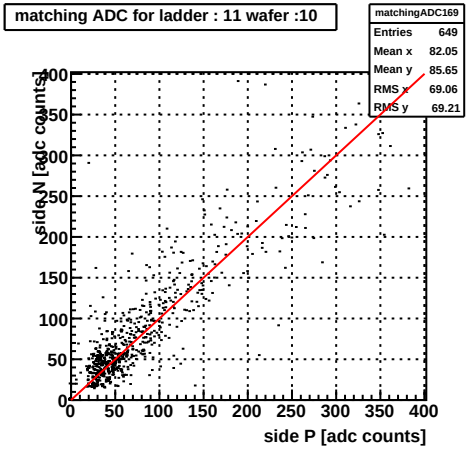

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 748
Mean x 68.19
Mean y 69.11
RMS x 62.02
RMS y 60.11
side N [adc counts]
side P [adc counts]

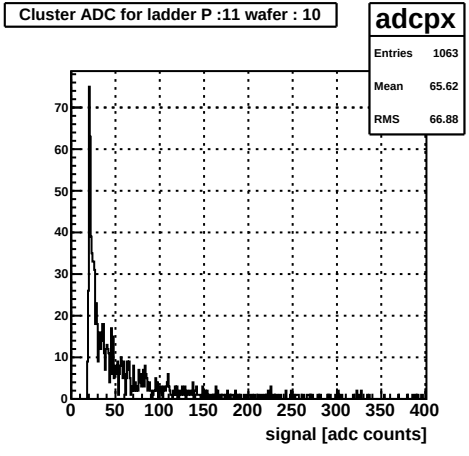

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8011
Mean 30.03
RMS 29.66
signal [adc counts]

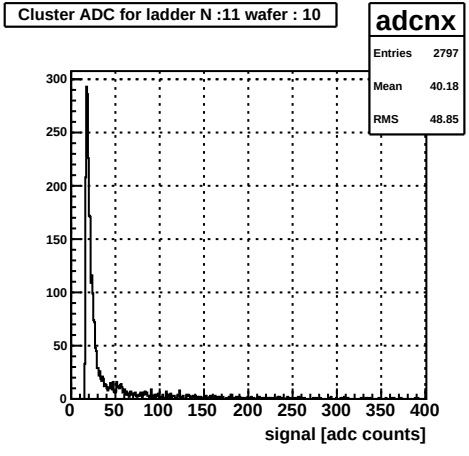

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2928
Mean 39.49
RMS 43.09
signal [adc counts]

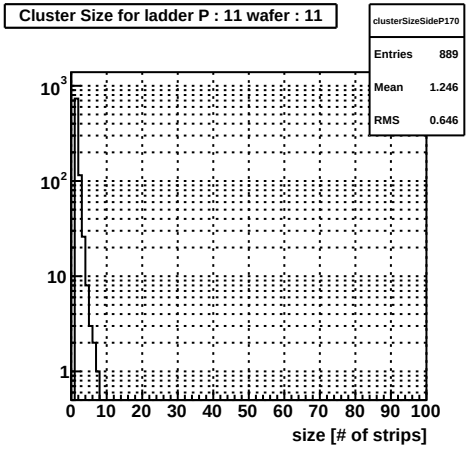

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1063
Mean 1.382
RMS 0.8039
size [# of strips]

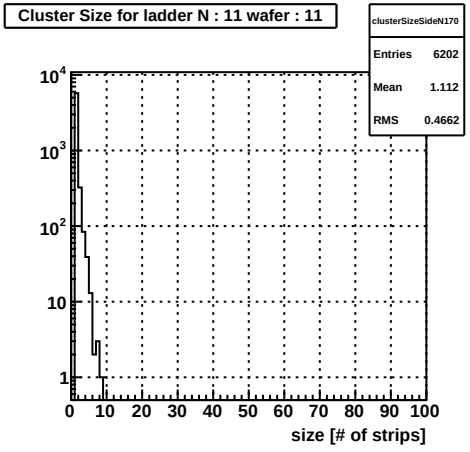

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2797
Mean 1.244
RMS 0.6921
size [# of strips]

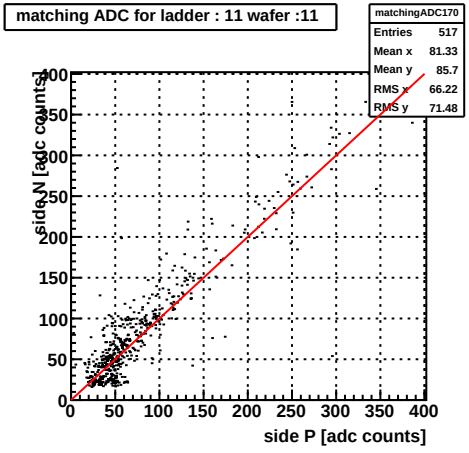

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 649
Mean x 82.05
Mean y 85.65
RMS x 69.06
RMS y 69.21
side N [adc counts]
side P [adc counts]

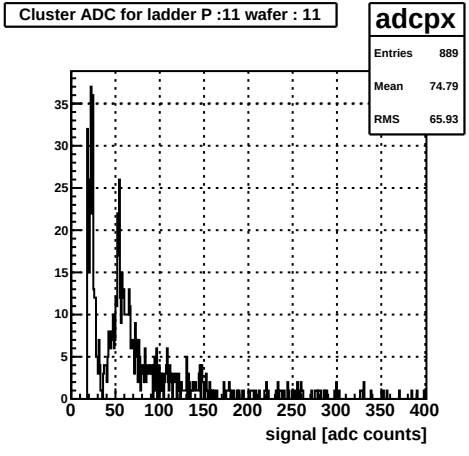

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1063
Mean 65.62
RMS 66.88
signal [adc counts]

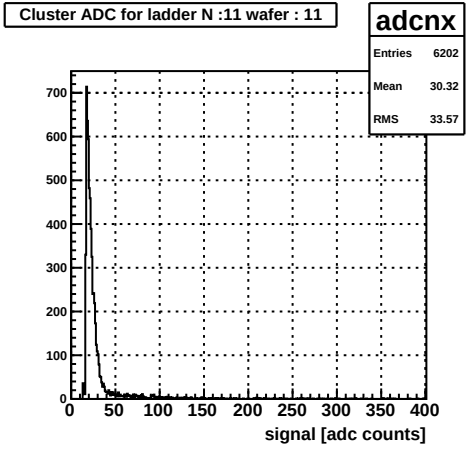

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2797
Mean 40.18
RMS 48.85
signal [adc counts]

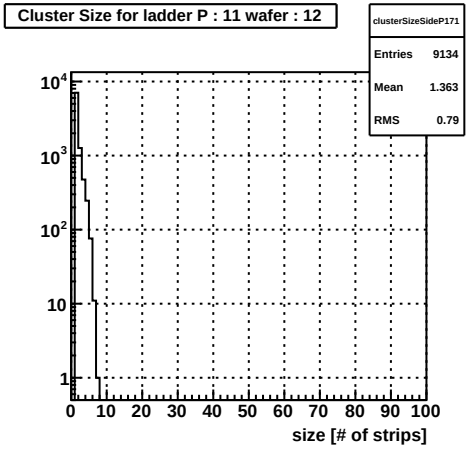

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 889
Mean 1.246
RMS 0.646
size [# of strips]

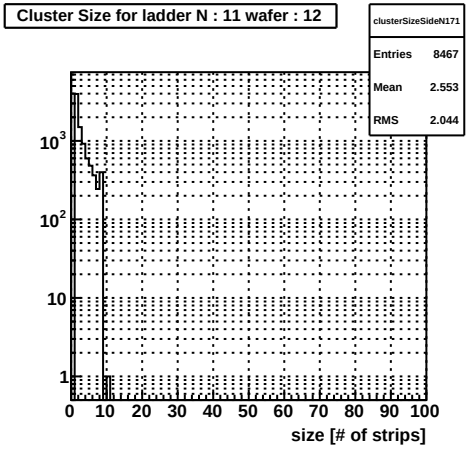

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6202
Mean 1.112
RMS 0.4662
size [# of strips]

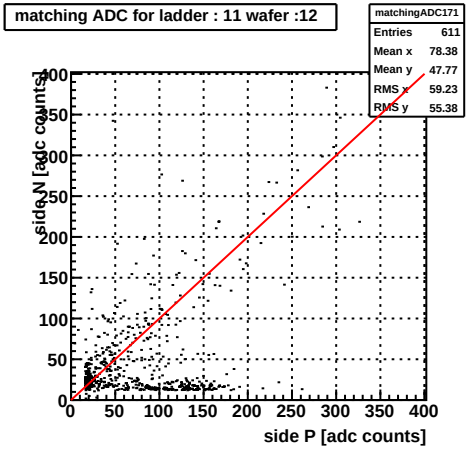

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 517
Mean x 81.33
Mean y 85.7
RMS x 66.22
RMS y 71.48
side N [adc counts]
side P [adc counts]

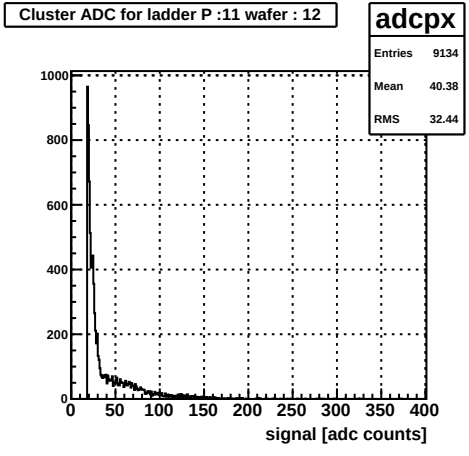

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 889
Mean 74.79
RMS 65.93
signal [adc counts]

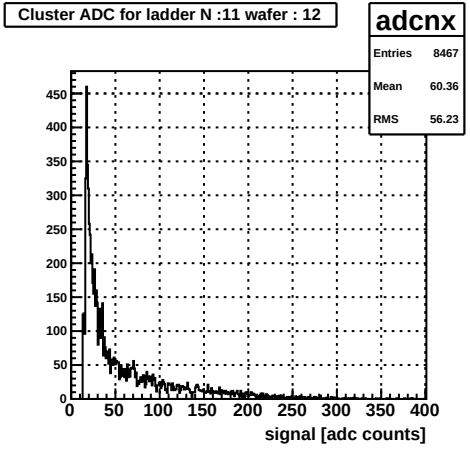

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6202
Mean 30.32
RMS 33.57
signal [adc counts]

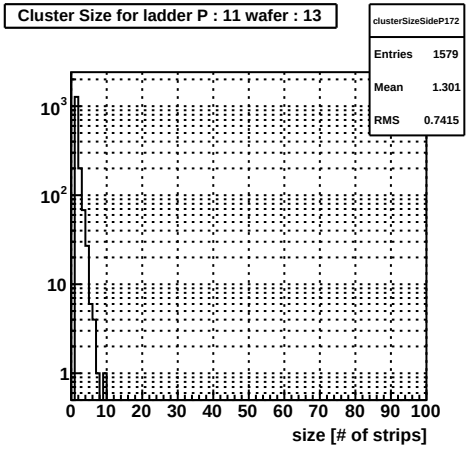

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9134
Mean 1.363
RMS 0.79
size [# of strips]

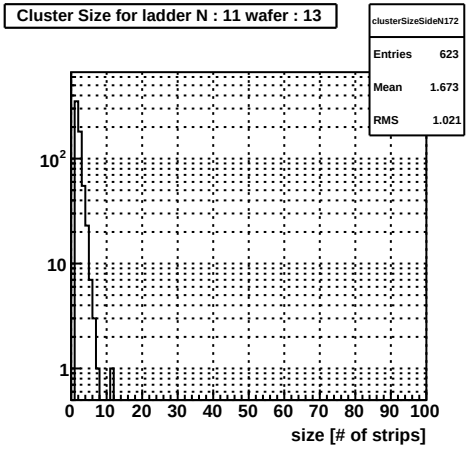

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8467
Mean 2.553
RMS 2.044
size [# of strips]

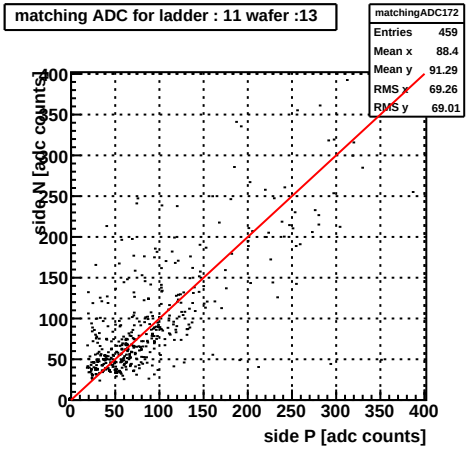

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 611
Mean x 78.38
Mean y 47.77
RMS x 59.23
RMS y 55.38
side N [adc counts]
side P [adc counts]

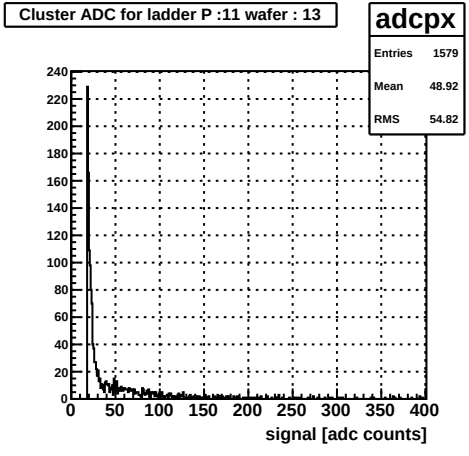

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9134
Mean 40.38
RMS 32.44
signal [adc counts]

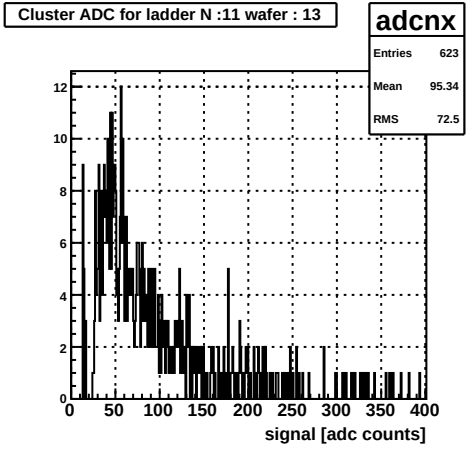

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8467
Mean 60.36
RMS 56.23
signal [adc counts]

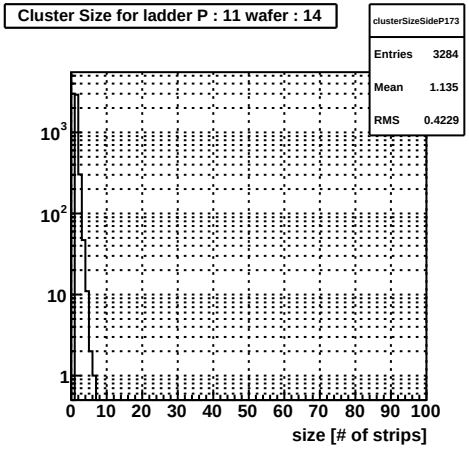

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1579
Mean 1.301
RMS 0.7415
size [# of strips]

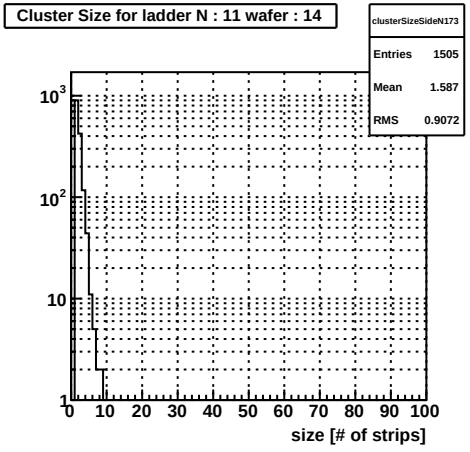

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 623
Mean 1.673
RMS 1.021
size [# of strips]

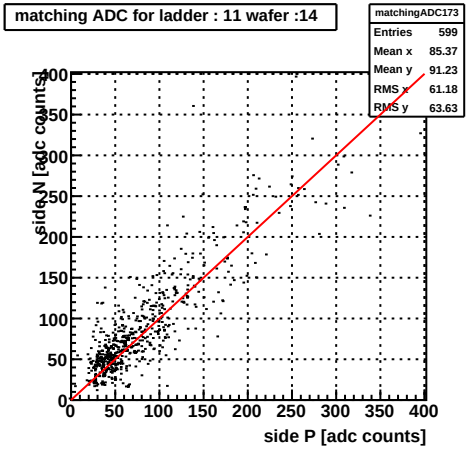

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 459
Mean x 88.4
Mean y 91.29
RMS x 69.26
RMS y 69.01
side N [adc counts]
side P [adc counts]

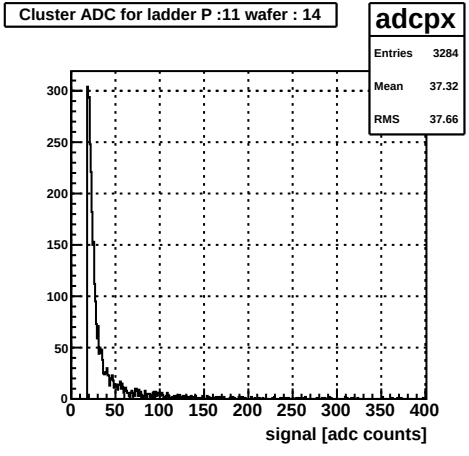

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1579
Mean 48.92
RMS 54.82
signal [adc counts]

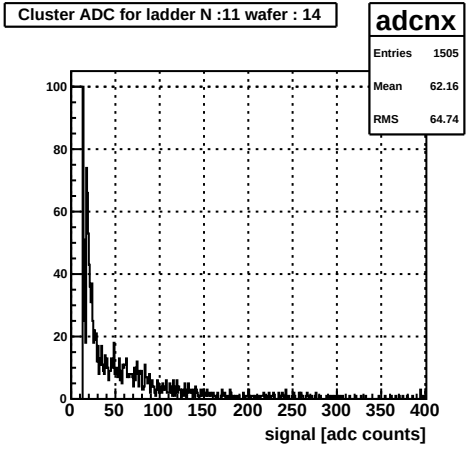

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 623
Mean 95.34
RMS 72.5
signal [adc counts]

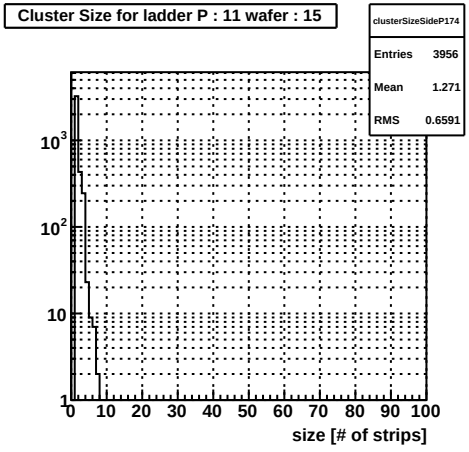

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3284
Mean 1.135
RMS 0.4229
size [# of strips]

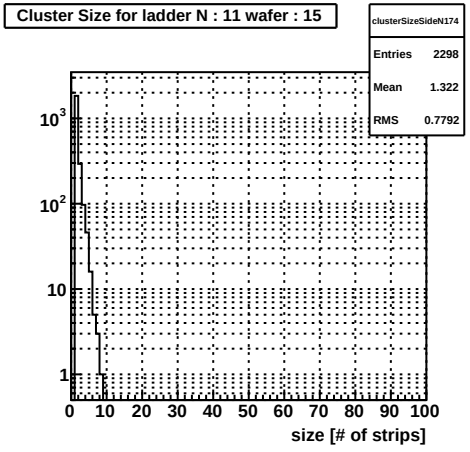

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1505
Mean 1.587
RMS 0.9072
size [# of strips]

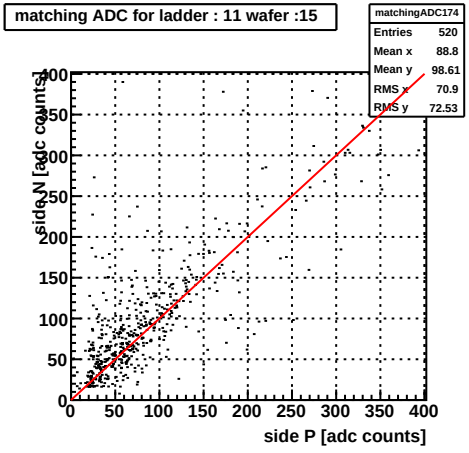

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 599
Mean x 85.37
Mean y 91.23
RMS x 61.18
RMS y 63.63
side N [adc counts]
side P [adc counts]

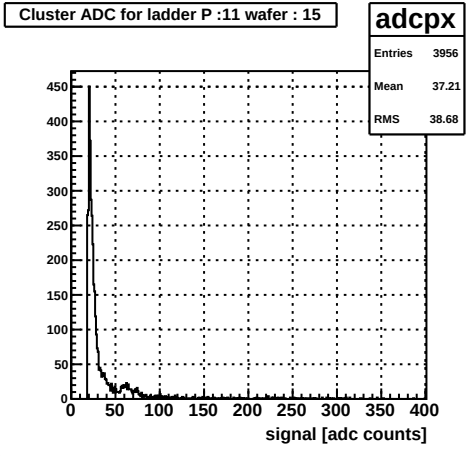

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3284
Mean 37.32
RMS 37.66
signal [adc counts]

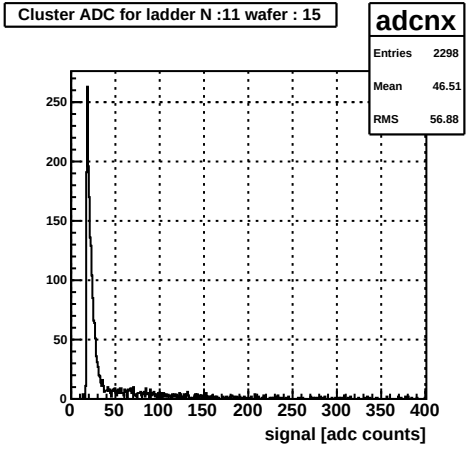

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1505
Mean 62.16
RMS 64.74
signal [adc counts]

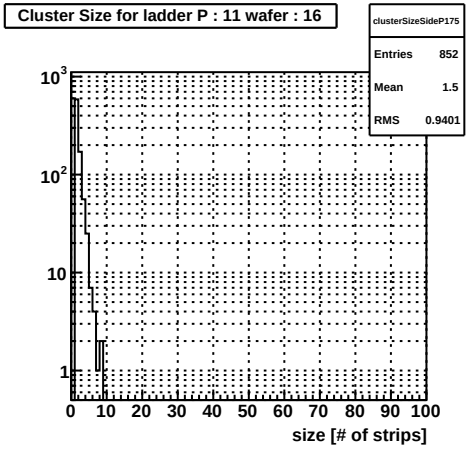

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3956
Mean 1.271
RMS 0.6591
size [# of strips]

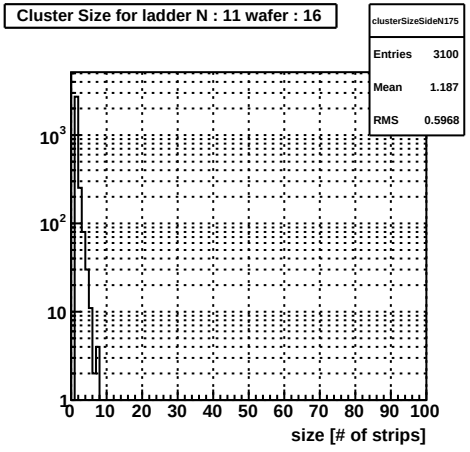

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2298
Mean 1.322
RMS 0.7792
size [# of strips]

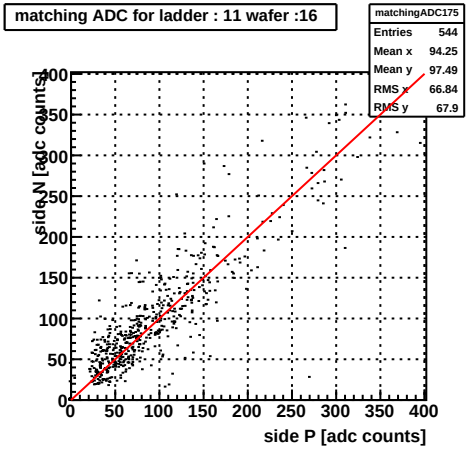

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 520
Mean x 88.8
Mean y 98.61
RMS x 70.9
RMS y 72.53
side N [adc counts]
side P [adc counts]

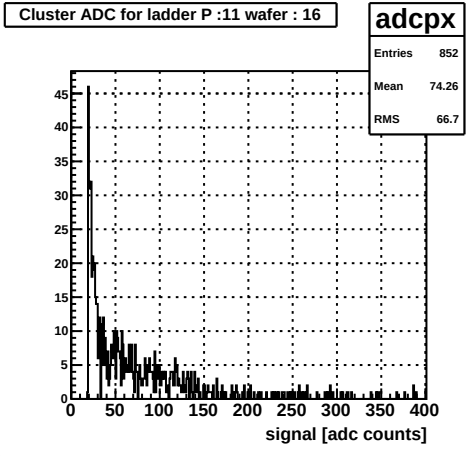

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3956
Mean 37.21
RMS 38.68
signal [adc counts]

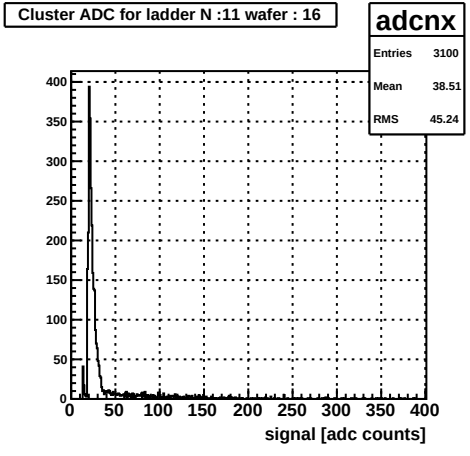

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2298
Mean 46.51
RMS 56.88
signal [adc counts]

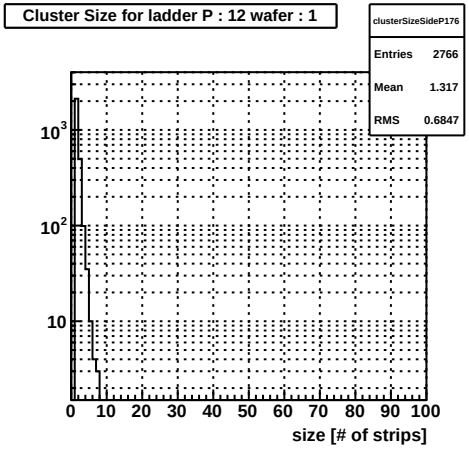

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 852
Mean 1.5
RMS 0.9401
size [# of strips]

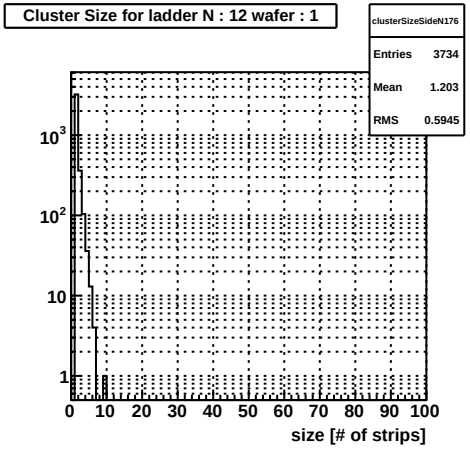

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 3100
Mean 1.187
RMS 0.5968
size [# of strips]

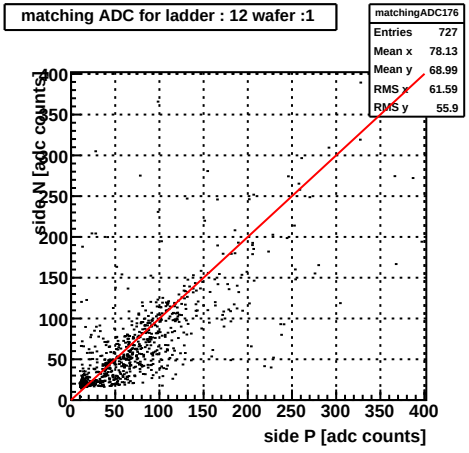

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 544
Mean x 94.25
Mean y 97.49
RMS x 66.84
RMS y 67.9
side N [adc counts]
side P [adc counts]

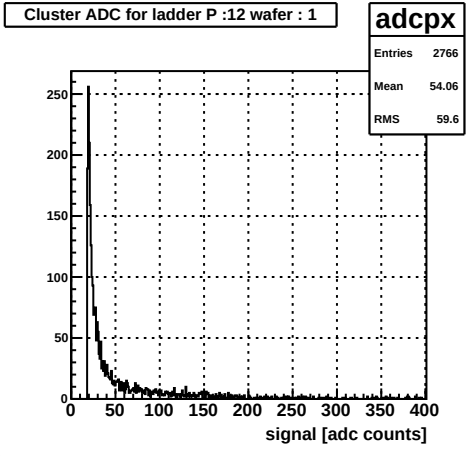

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 852
Mean 74.26
RMS 66.7
signal [adc counts]

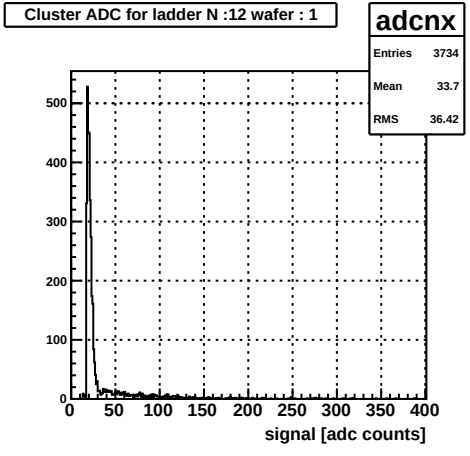

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 3100
Mean 38.51
RMS 45.24
signal [adc counts]

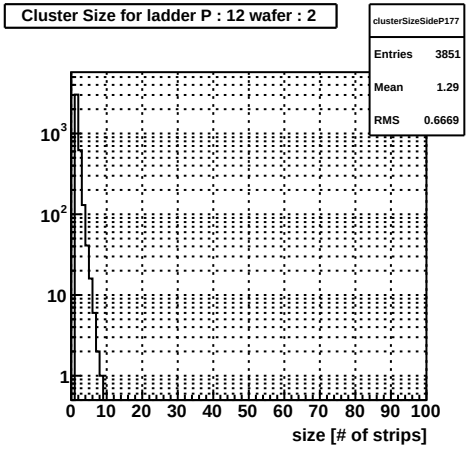

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2766
Mean 1.317
RMS 0.6847
size [# of strips]

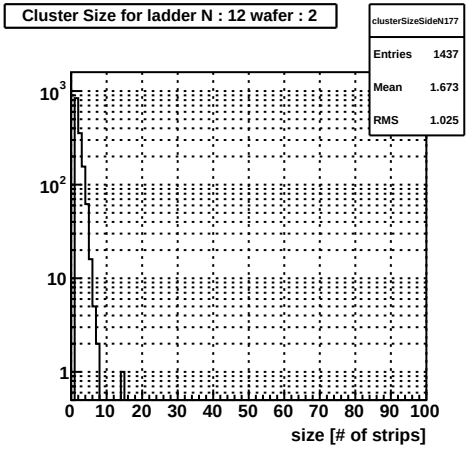

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3734
Mean 1.203
RMS 0.5945
size [# of strips]

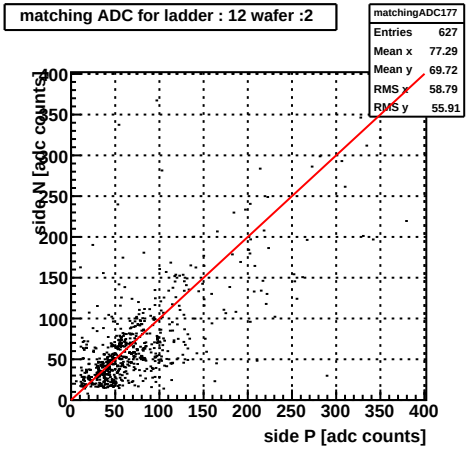

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 727
Mean x 78.13
Mean y 68.99
RMS x 61.59
RMS y 55.9
side N [adc counts]
side P [adc counts]

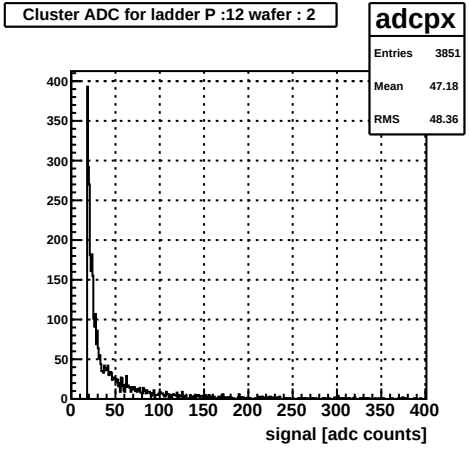

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2766
Mean 54.06
RMS 59.6
signal [adc counts]

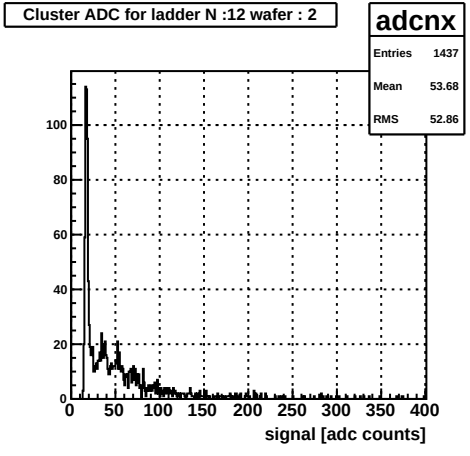

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3734
Mean 33.7
RMS 36.42
signal [adc counts]

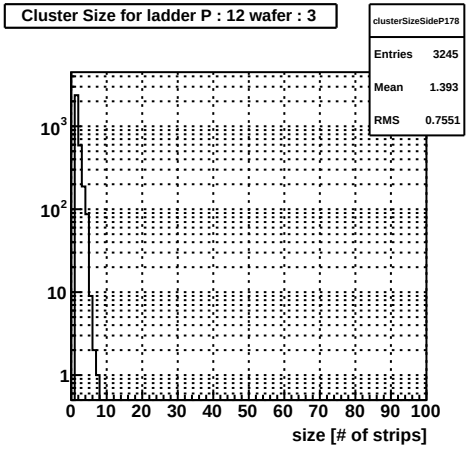

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3851
Mean 1.29
RMS 0.6669
size [# of strips]

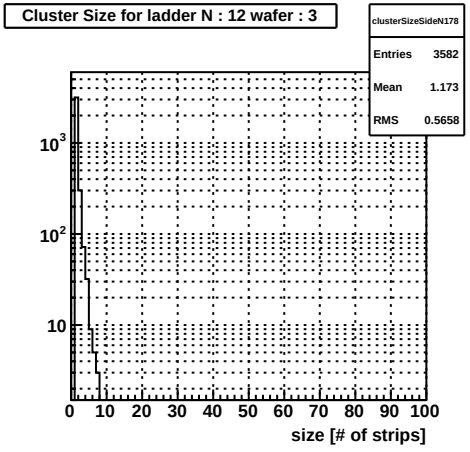

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1437
Mean 1.673
RMS 1.025
size [# of strips]

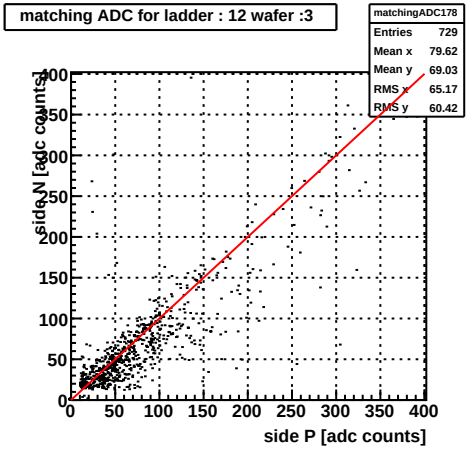

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 627
Mean x 77.29
Mean y 69.72
RMS x 58.79
RMS y 55.91
side N [adc counts]
side P [adc counts]

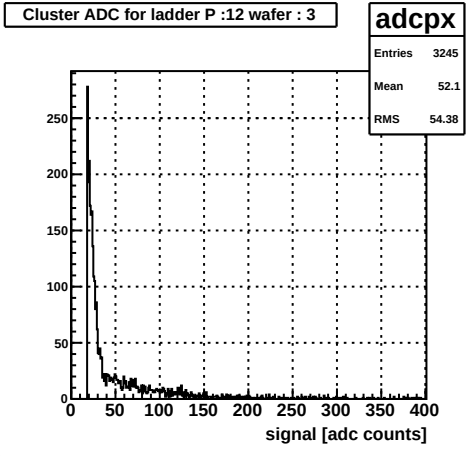

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3851
Mean 47.18
RMS 48.36
signal [adc counts]

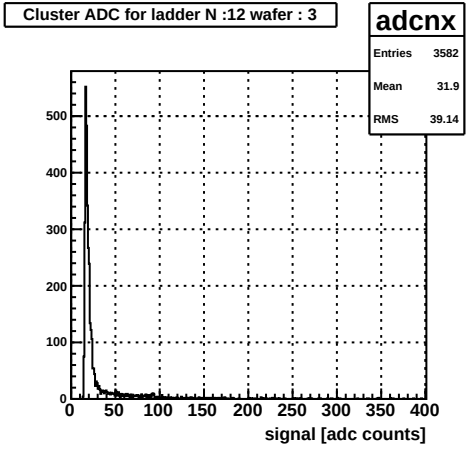

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1437
Mean 53.68
RMS 52.86
signal [adc counts]

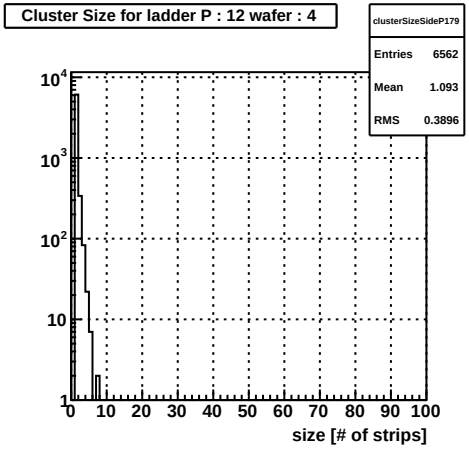

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3245
Mean 1.393
RMS 0.7551
size [# of strips]

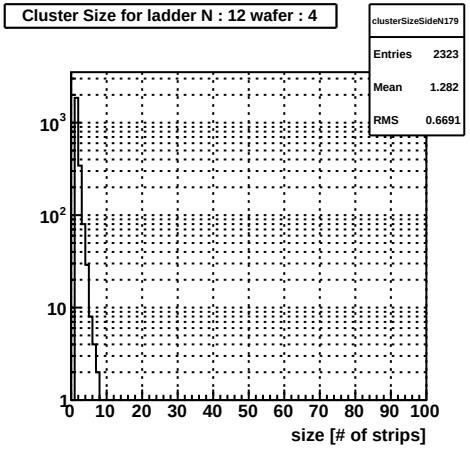

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3582
Mean 1.173
RMS 0.5658
size [# of strips]

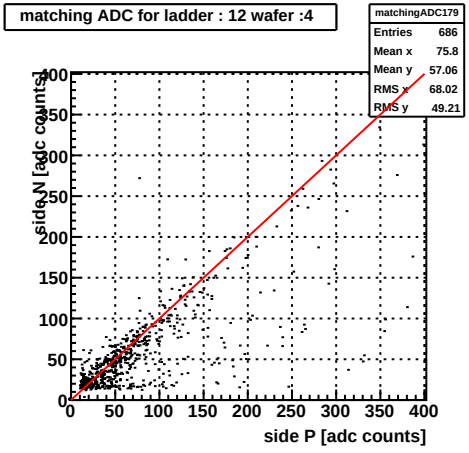

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 729
Mean x 79.62
Mean y 69.03
RMS x 65.17
RMS y 60.42
side N [adc counts]
side P [adc counts]

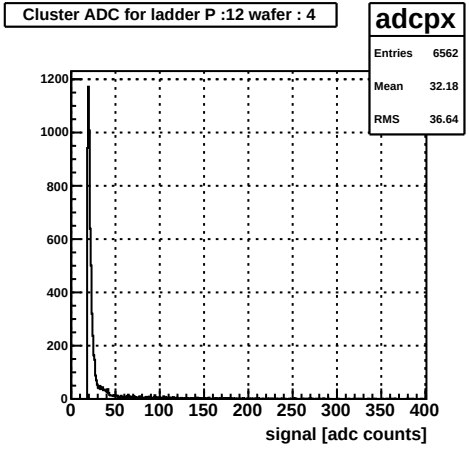

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3245
Mean 52.1
RMS 54.38
signal [adc counts]

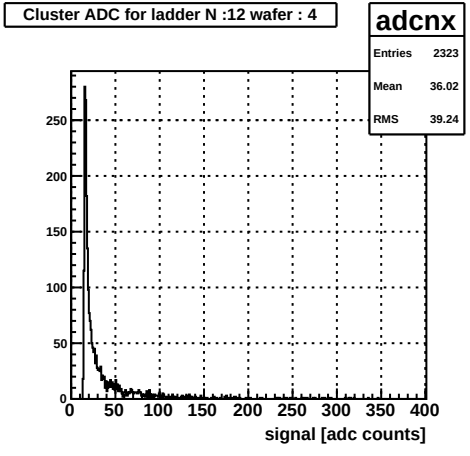

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3582
Mean 31.9
RMS 39.14
signal [adc counts]

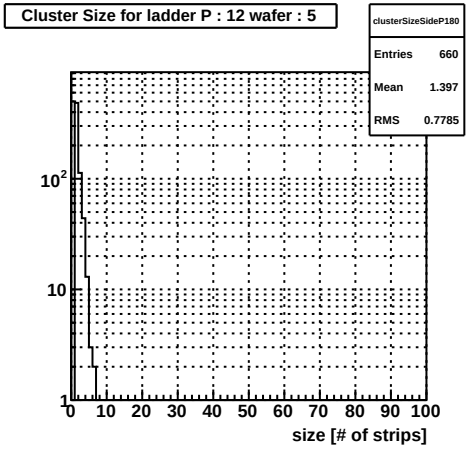

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6562
Mean 1.093
RMS 0.3896
size [# of strips]

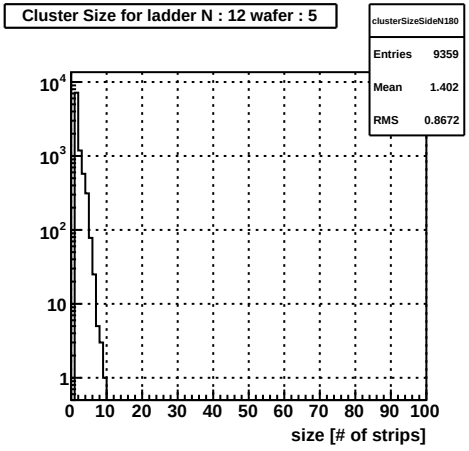

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2323
Mean 1.282
RMS 0.6691
size [# of strips]

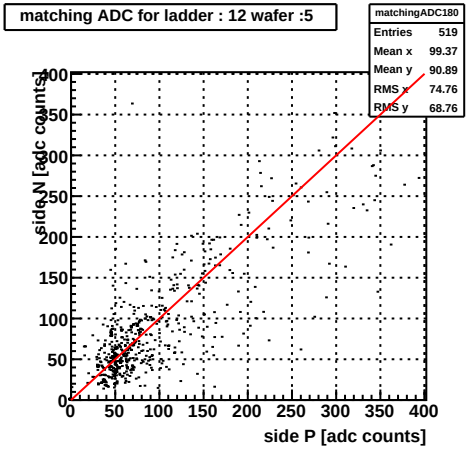

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 686
Mean x 75.8
Mean y 57.06
RMS x 68.02
RMS y 49.21
side N [adc counts]
side P [adc counts]

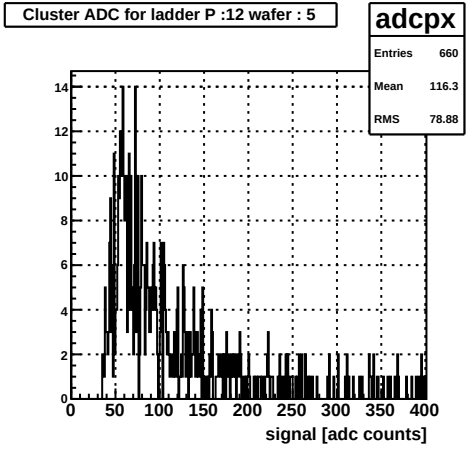

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6562
Mean 32.18
RMS 36.64
signal [adc counts]

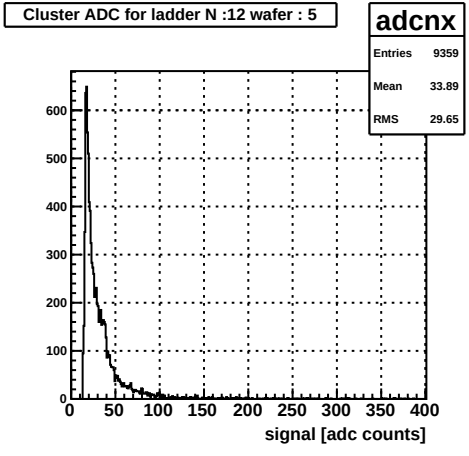

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2323
Mean 36.02
RMS 39.24
signal [adc counts]

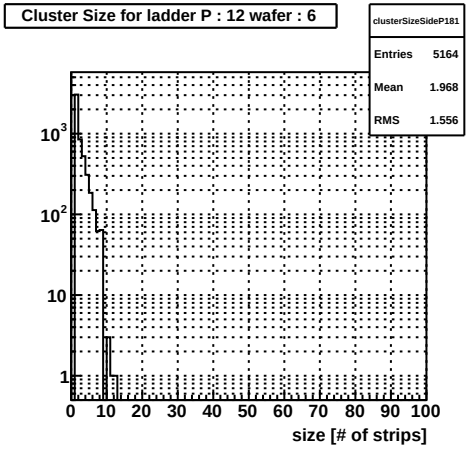

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 660
Mean 1.397
RMS 0.7785
size [# of strips]

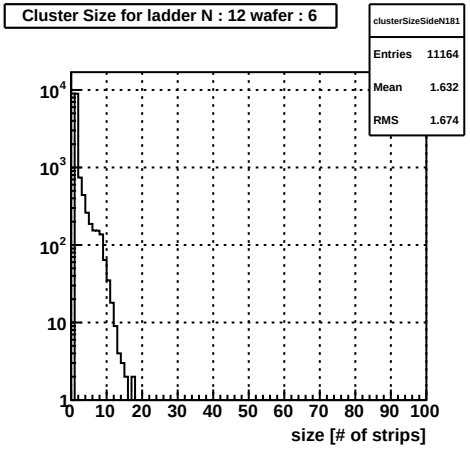

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9359
Mean 1.402
RMS 0.8672
size [# of strips]

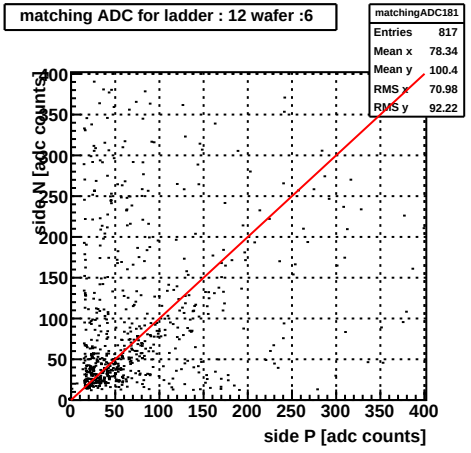

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 519
Mean x 99.37
Mean y 90.89
RMS x 74.76
RMS y 68.76
side N [adc counts]
side P [adc counts]

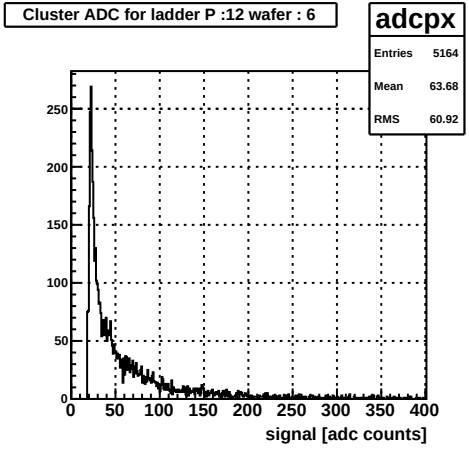

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 660
Mean 116.3
RMS 78.88
signal [adc counts]

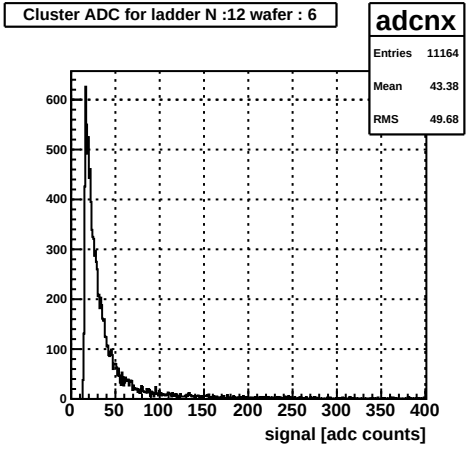

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9359
Mean 33.89
RMS 29.65
signal [adc counts]

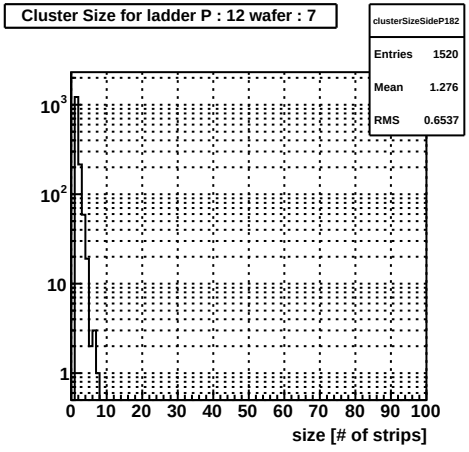

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 5164
Mean 1.968
RMS 1.556
size [# of strips]

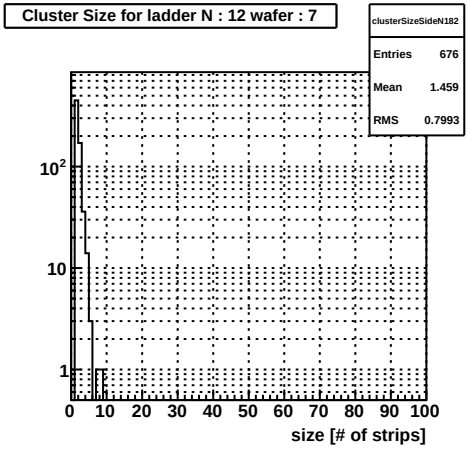

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 11164
Mean 1.632
RMS 1.674
size [# of strips]

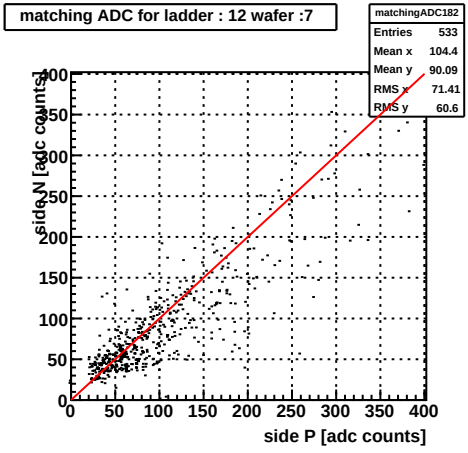

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 817
Mean x 78.34
Mean y 100.4
RMS x 70.98
RMS y 92.22
side N [adc counts]
side P [adc counts]

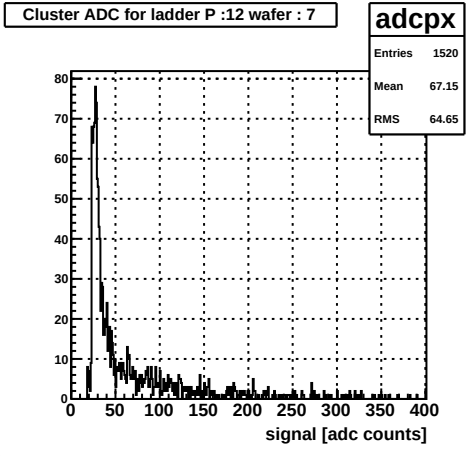

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 5164
Mean 63.68
RMS 60.92
signal [adc counts]

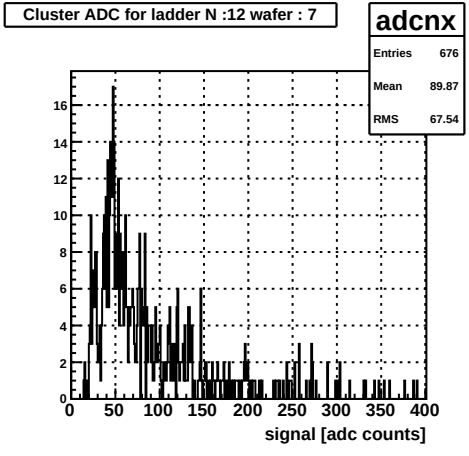

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 11164
Mean 43.38
RMS 49.68
signal [adc counts]

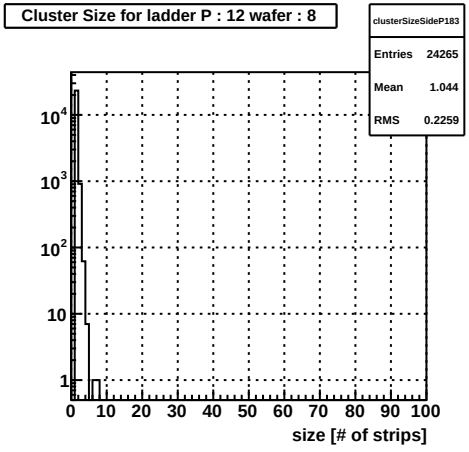

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1520
Mean 1.276
RMS 0.6537
size [# of strips]

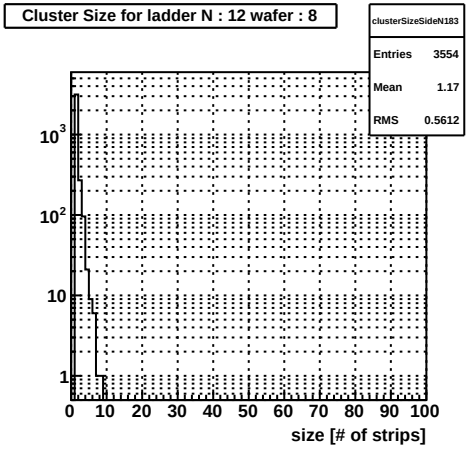

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 676
Mean 1.459
RMS 0.7993
size [# of strips]

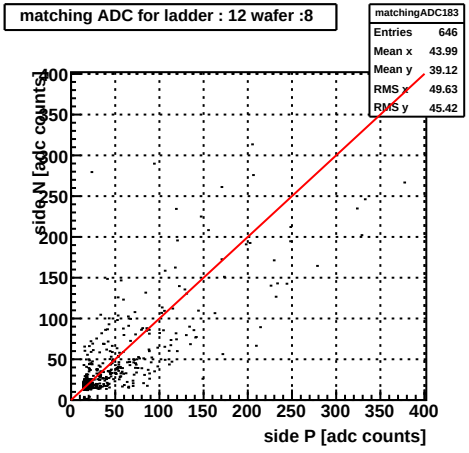

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 533
Mean x 104.4
Mean y 90.09
RMS x 71.41
RMS y 60.6
side N [adc counts]
side P [adc counts]

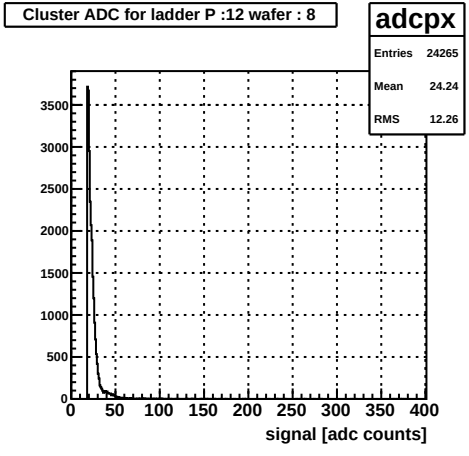

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1520
Mean 67.15
RMS 64.65
signal [adc counts]

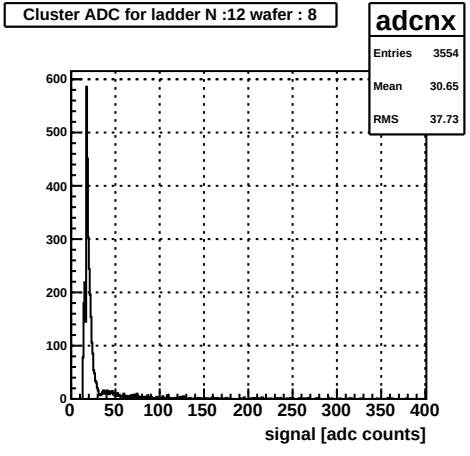

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 676
Mean 89.87
RMS 67.54
signal [adc counts]

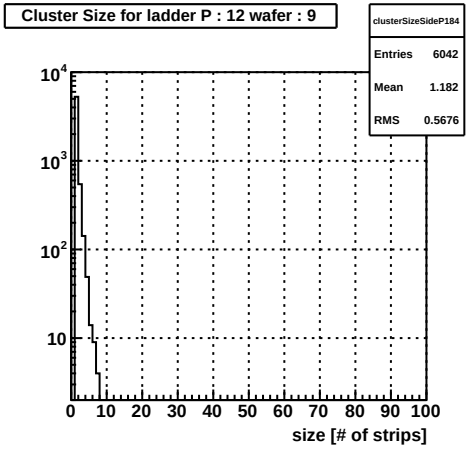

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 24265
Mean 1.044
RMS 0.2259
size [# of strips]

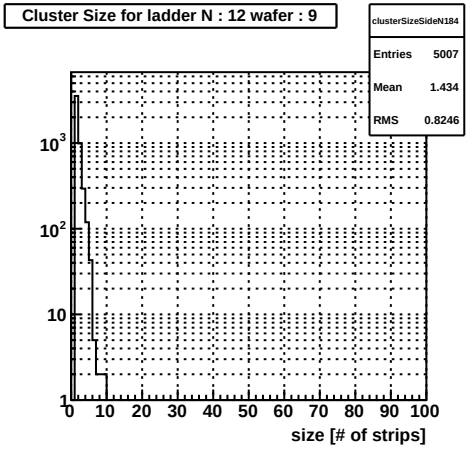

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3554
Mean 1.17
RMS 0.5612
size [# of strips]

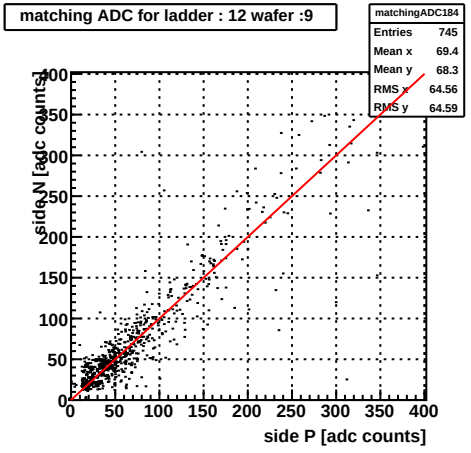

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 646
Mean x 43.99
Mean y 39.12
RMS x 49.63
RMS y 45.42
side N [adc counts]
side P [adc counts]

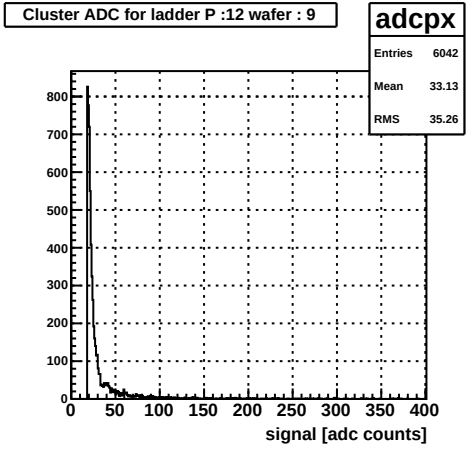

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 24265
Mean 24.24
RMS 12.26
signal [adc counts]

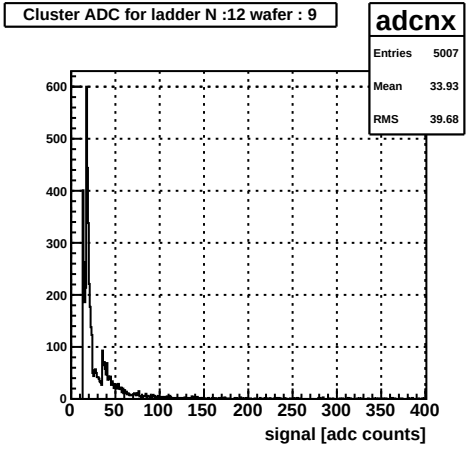

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3554
Mean 30.65
RMS 37.73
signal [adc counts]

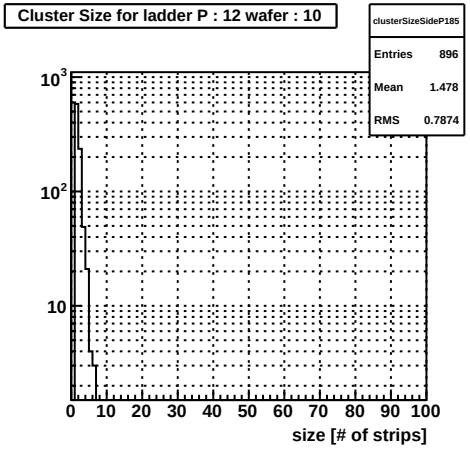

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6042
Mean 1.182
RMS 0.5676
size [# of strips]

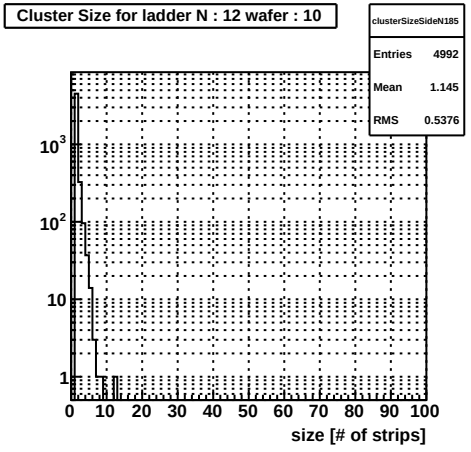

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5007
Mean 1.434
RMS 0.8246
size [# of strips]

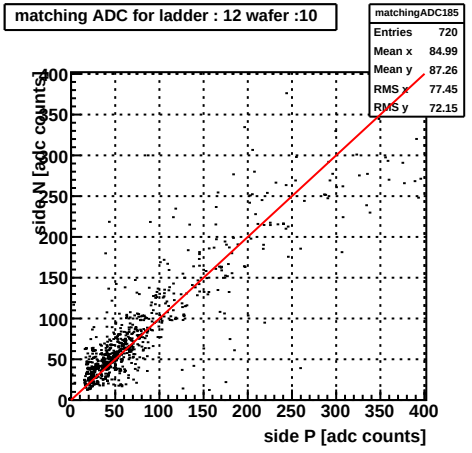

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 745
Mean x 69.4
Mean y 68.3
RMS x 64.56
RMS y 64.59
side N [adc counts]
side P [adc counts]

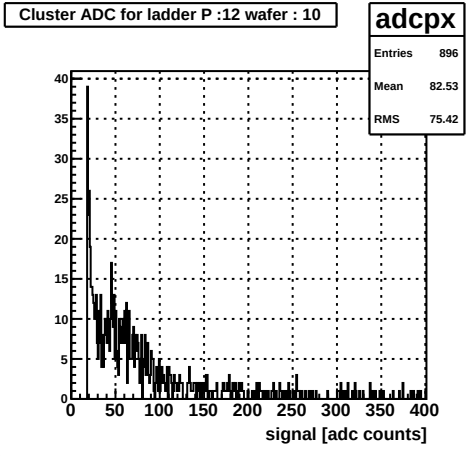

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6042
Mean 33.13
RMS 35.26
signal [adc counts]

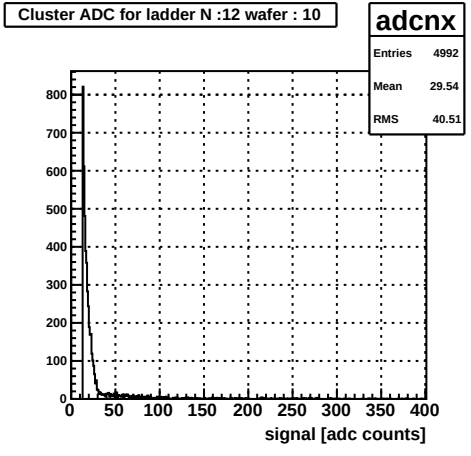

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5007
Mean 33.93
RMS 39.68
signal [adc counts]

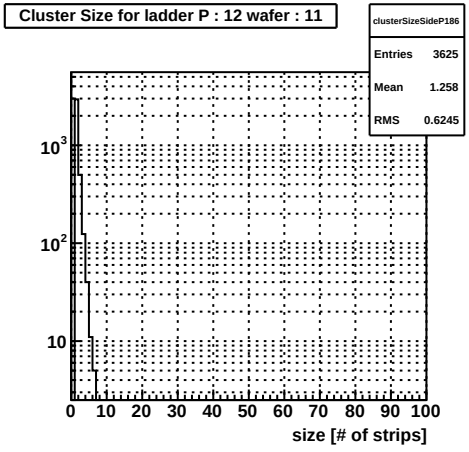

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 896
Mean 1.478
RMS 0.7874
size [# of strips]

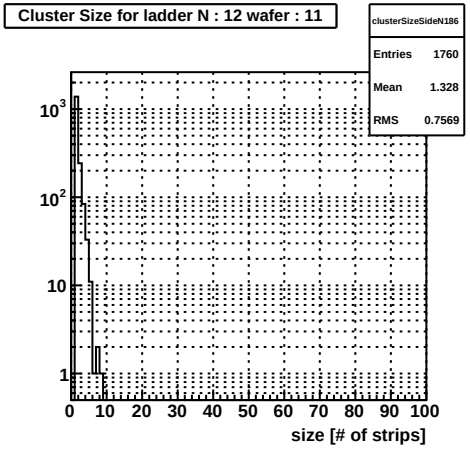

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4992
Mean 1.145
RMS 0.5376
size [# of strips]

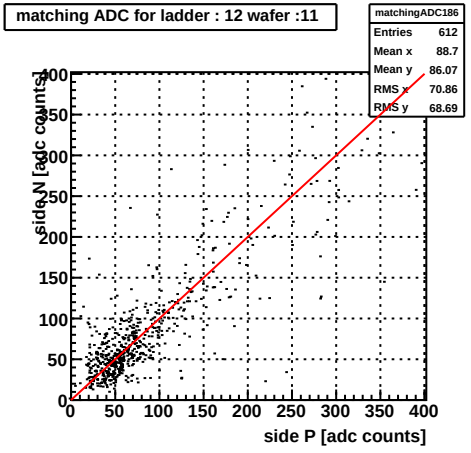

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 720
Mean x 84.99
Mean y 87.26
RMS x 77.45
RMS y 72.15
side N [adc counts]
side P [adc counts]

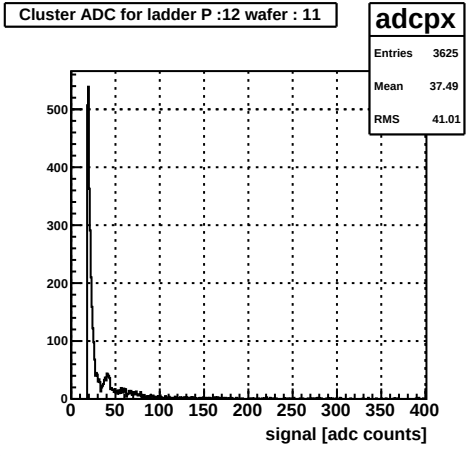

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 896
Mean 82.53
RMS 75.42
signal [adc counts]

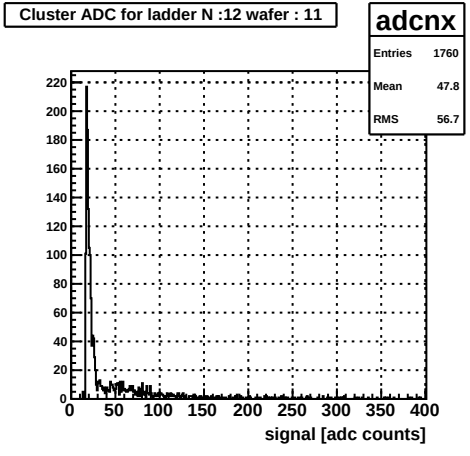

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4992
Mean 29.54
RMS 40.51
signal [adc counts]

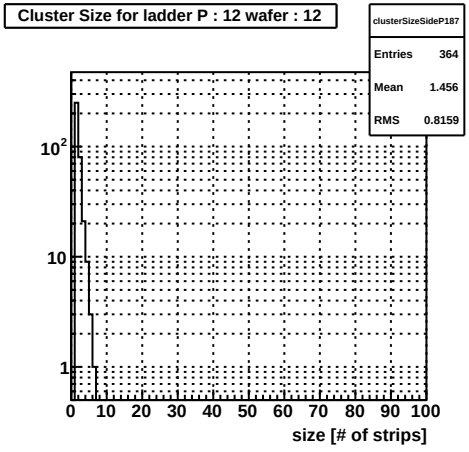

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3625
Mean 1.258
RMS 0.6245
size [# of strips]

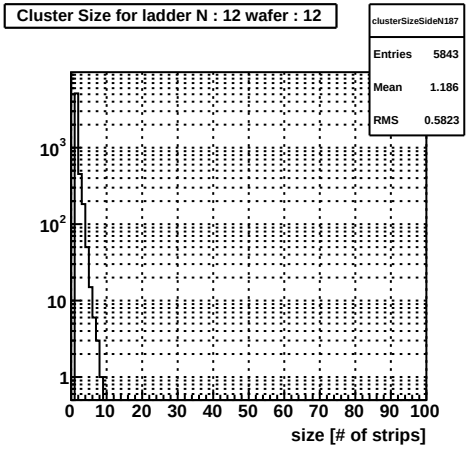

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1760
Mean 1.328
RMS 0.7569
size [# of strips]

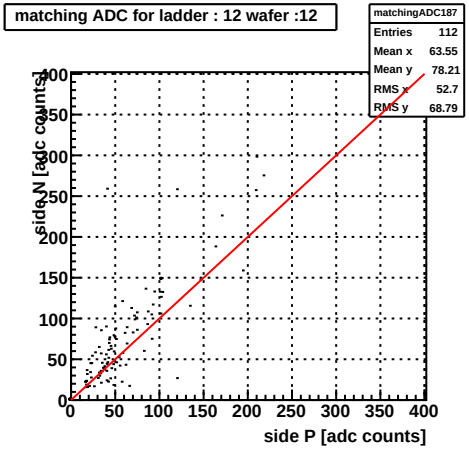

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 612
Mean x 88.7
Mean y 86.07
RMS x 70.86
RMS y 68.69
side N [adc counts]
side P [adc counts]

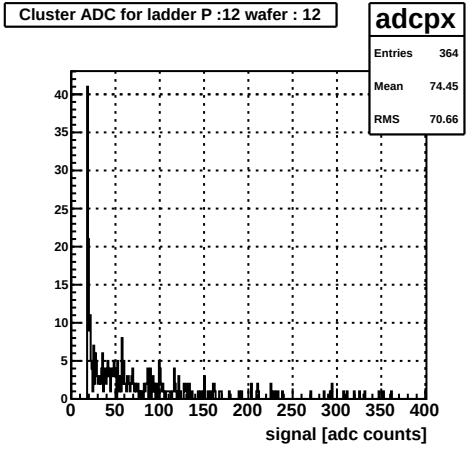

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3625
Mean 37.49
RMS 41.01
signal [adc counts]

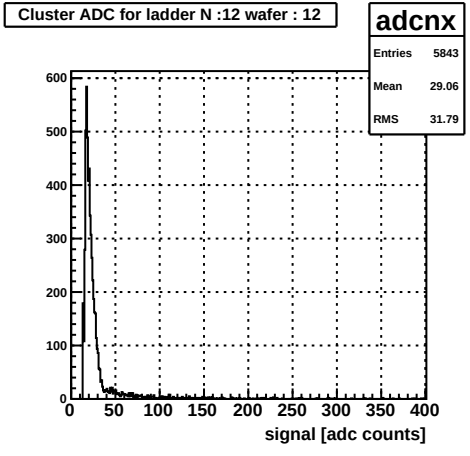

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1760
Mean 47.8
RMS 56.7
signal [adc counts]

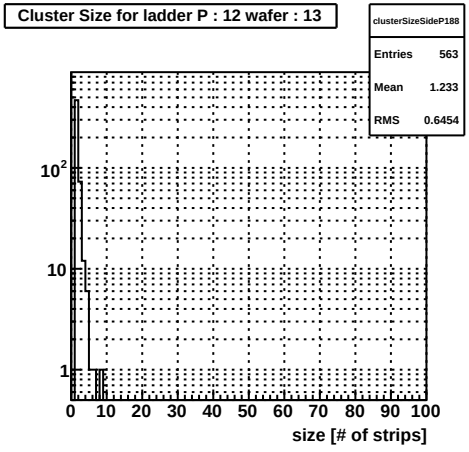

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 364
Mean 1.456
RMS 0.8159
size [# of strips]

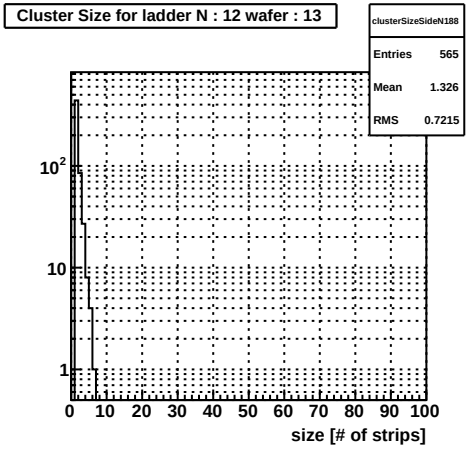

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5843
Mean 1.186
RMS 0.5823
size [# of strips]

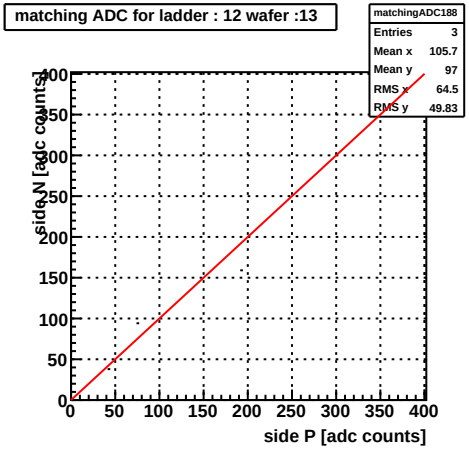

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 112
Mean x 63.55
Mean y 78.21
RMS x 52.7
RMS y 68.79
side N [adc counts]
side P [adc counts]

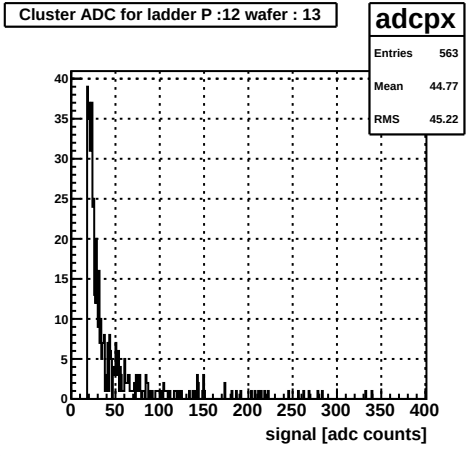

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 364
Mean 74.45
RMS 70.66
signal [adc counts]

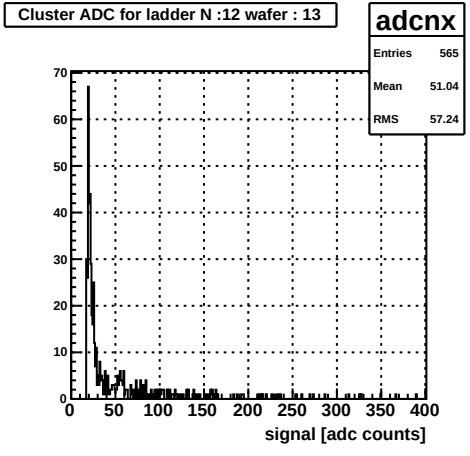

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5843
Mean 29.06
RMS 31.79
signal [adc counts]

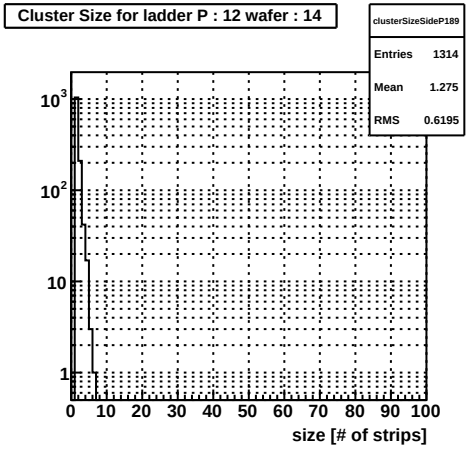

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 563
Mean 1.233
RMS 0.6454
size [# of strips]

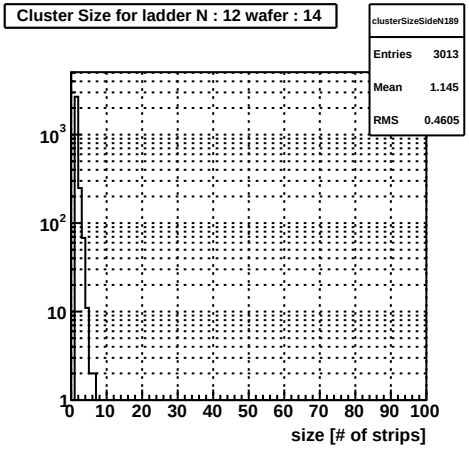

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 565
Mean 1.326
RMS 0.7215
size [# of strips]

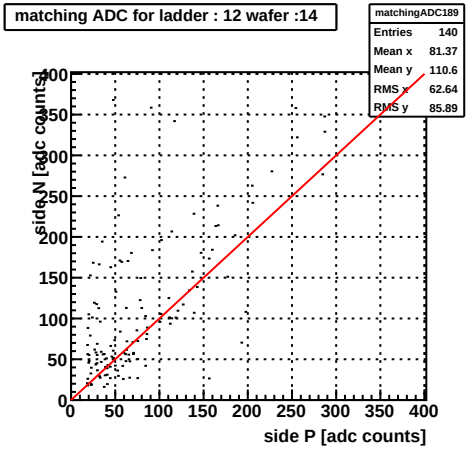

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 3
Mean x 105.7
Mean y 97
RMS x 64.5
RMS y 49.83
side N [adc counts]
side P [adc counts]

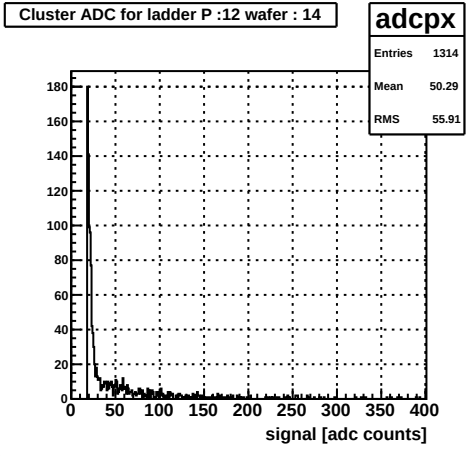

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 563
Mean 44.77
RMS 45.22
signal [adc counts]

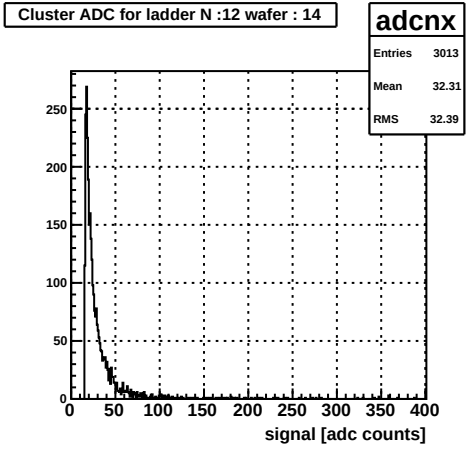

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 565
Mean 51.04
RMS 57.24
signal [adc counts]

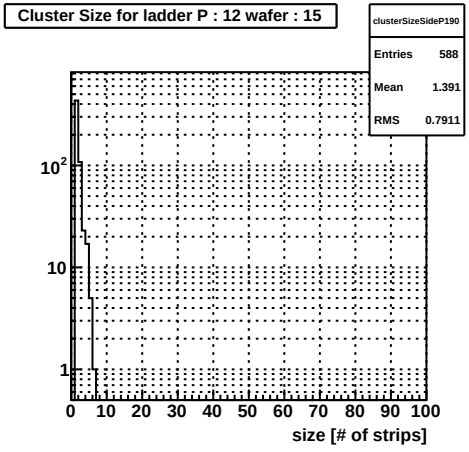

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1314
Mean 1.275
RMS 0.6195
size [# of strips]

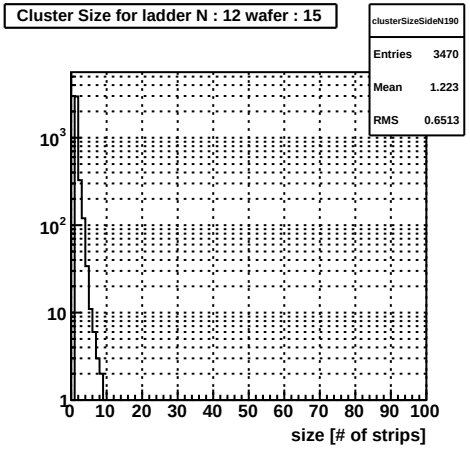

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3013
Mean 1.145
RMS 0.4605
size [# of strips]

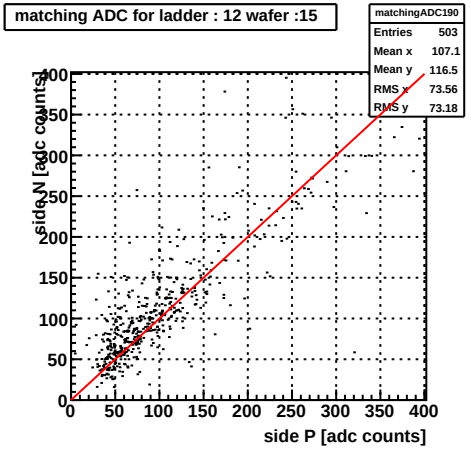

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 140
Mean x 81.37
Mean y 110.6
RMS x 62.64
RMS y 85.89
side N [adc counts]
side P [adc counts]

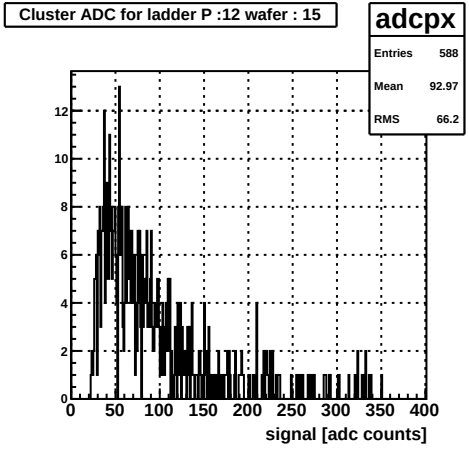

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1314
Mean 50.29
RMS 55.91
signal [adc counts]

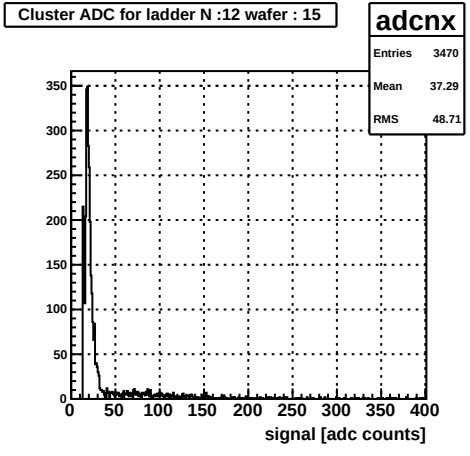

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3013
Mean 32.31
RMS 32.39
signal [adc counts]

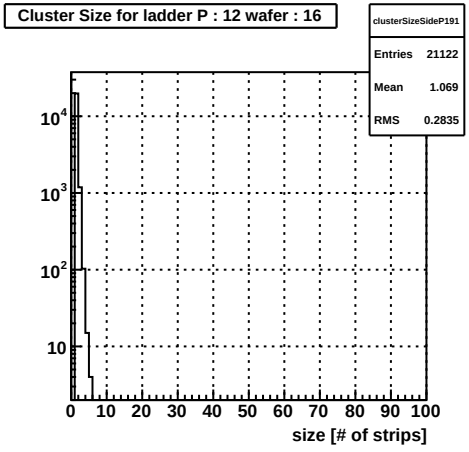

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 588
Mean 1.391
RMS 0.7911
size [# of strips]

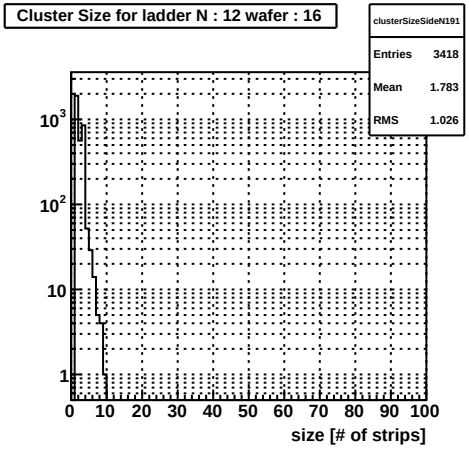

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3470
Mean 1.223
RMS 0.6513
size [# of strips]

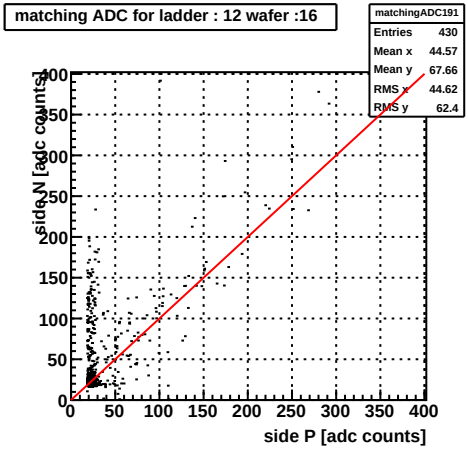

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 503
Mean x 107.1
Mean y 116.5
RMS x 73.56
RMS y 73.18
side N [adc counts]
side P [adc counts]

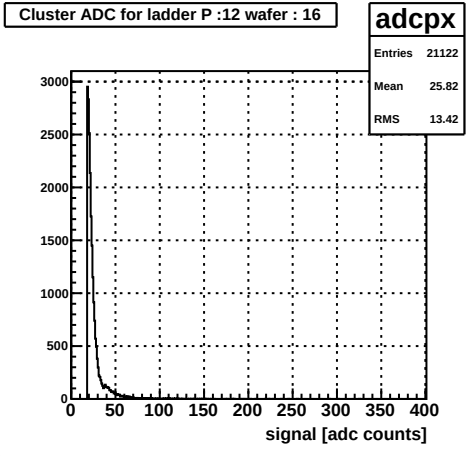

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 588
Mean 92.97
RMS 66.2
signal [adc counts]

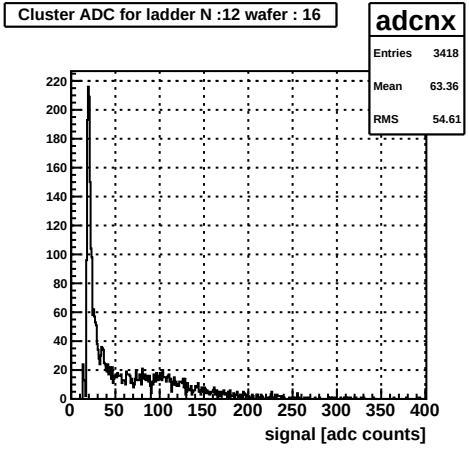

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3470
Mean 37.29
RMS 48.71
signal [adc counts]

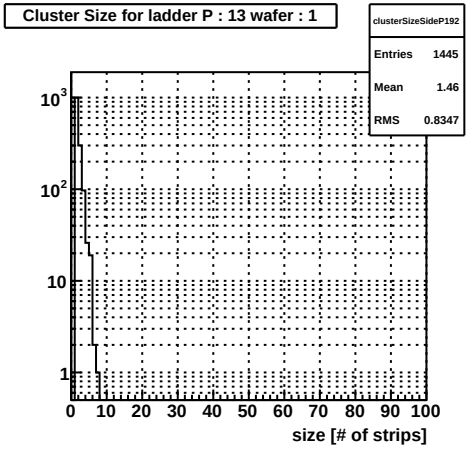

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 21122
Mean 1.069
RMS 0.2835
size [# of strips]

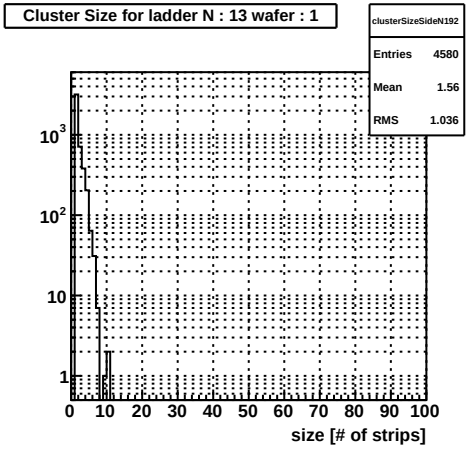

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3418
Mean 1.783
RMS 1.026
size [# of strips]

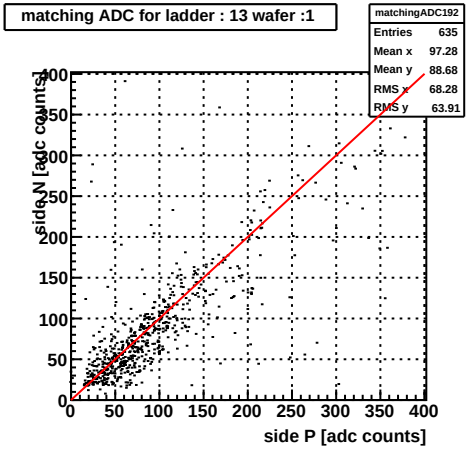

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 430
Mean x 44.57
Mean y 67.66
RMS x 44.62
RMS y 62.4
side N [adc counts]
side P [adc counts]

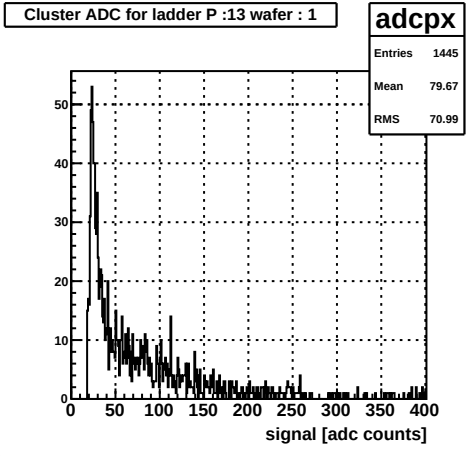

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 21122
Mean 25.82
RMS 13.42
signal [adc counts]

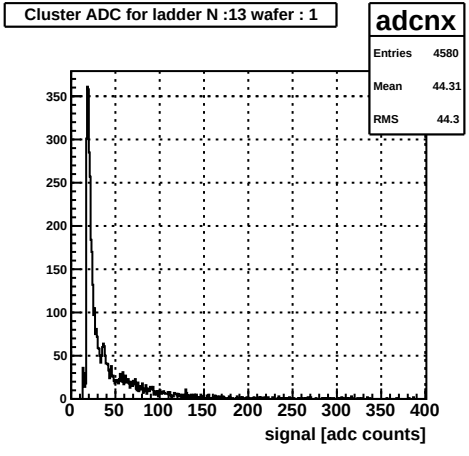

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3418
Mean 63.36
RMS 54.61
signal [adc counts]

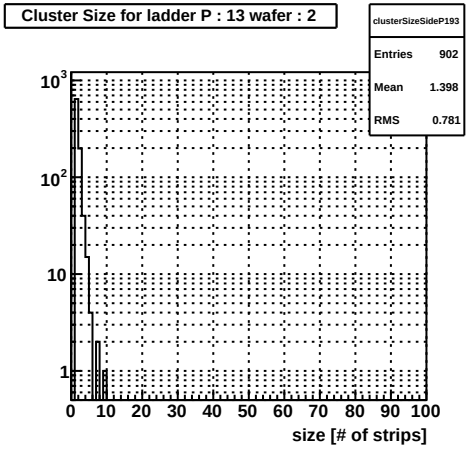

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1445
Mean 1.46
RMS 0.8347
size [# of strips]

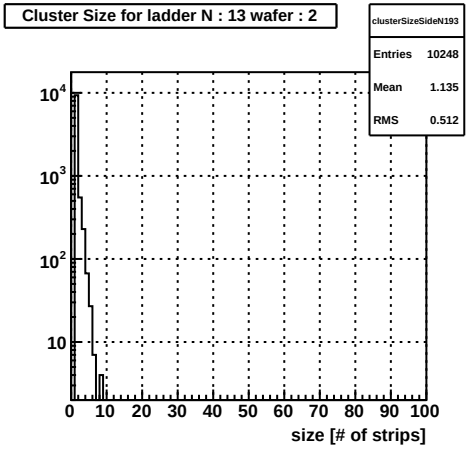

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4580
Mean 1.56
RMS 1.036
size [# of strips]

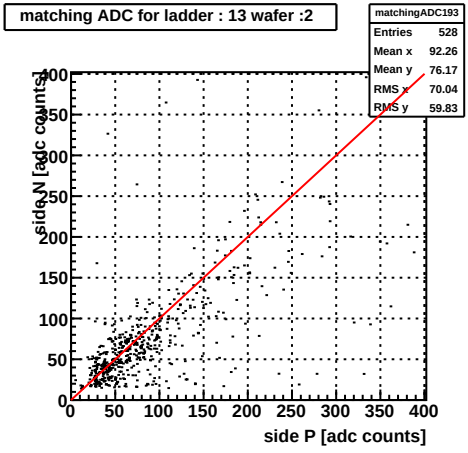

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 635
Mean x 97.28
Mean y 88.68
RMS x 68.28
RMS y 63.91
side N [adc counts]
side P [adc counts]

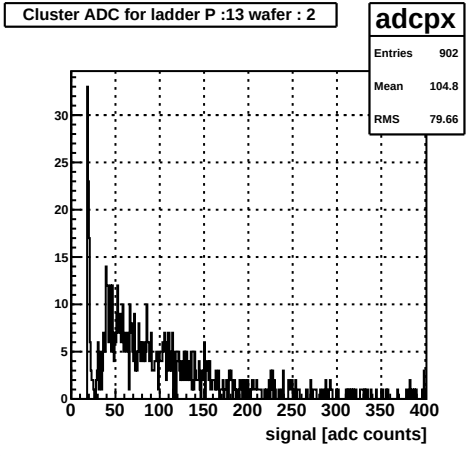

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1445
Mean 79.67
RMS 70.99
signal [adc counts]

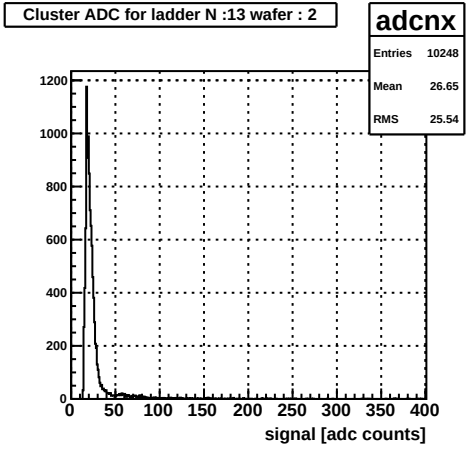

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4580
Mean 44.31
RMS 44.3
signal [adc counts]

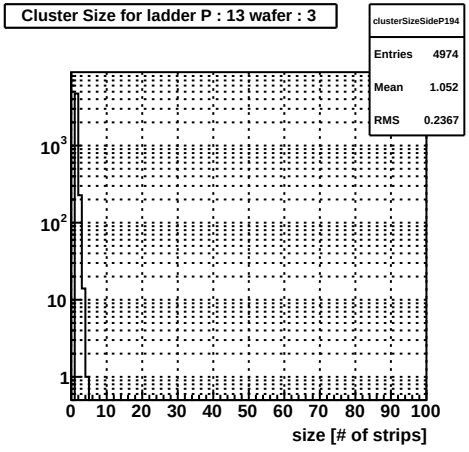

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 902
Mean 1.398
RMS 0.781
size [# of strips]

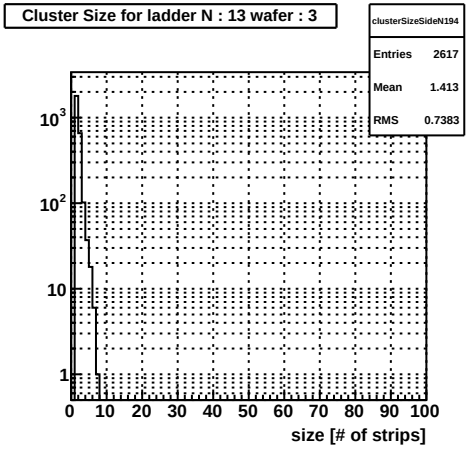

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10248
Mean 1.135
RMS 0.512
size [# of strips]

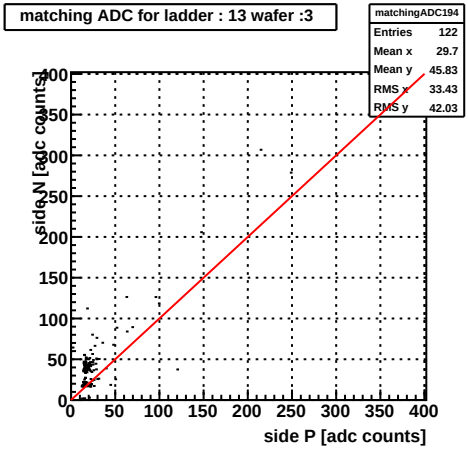

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 528
Mean x 92.26
Mean y 76.17
RMS x 70.04
RMS y 59.83
side N [adc counts]
side P [adc counts]

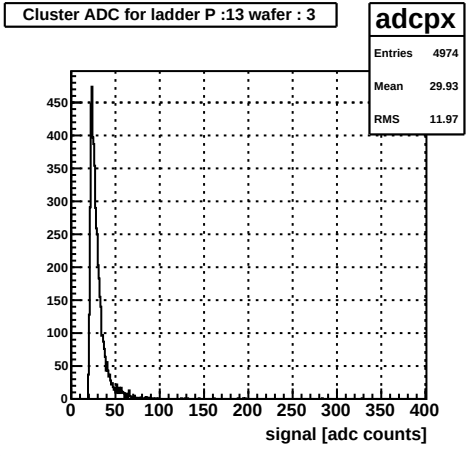

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 902
Mean 104.8
RMS 79.66
signal [adc counts]

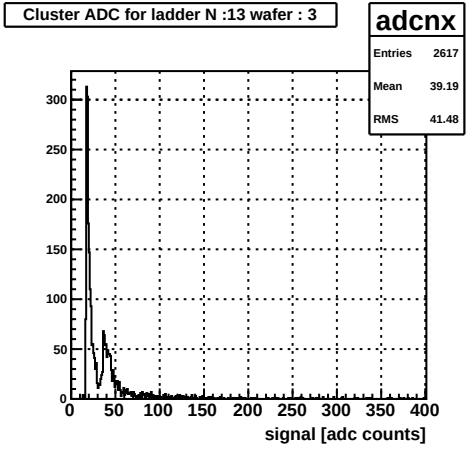

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10248
Mean 26.65
RMS 25.54
signal [adc counts]

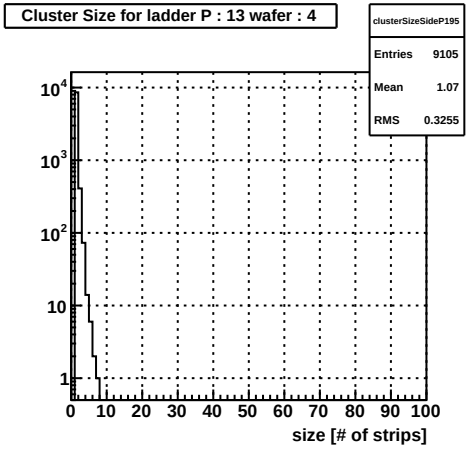

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4974
Mean 1.052
RMS 0.2367
size [# of strips]

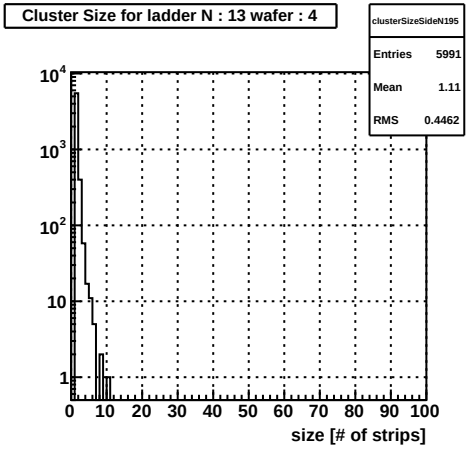

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2617
Mean 1.413
RMS 0.7383
size [# of strips]

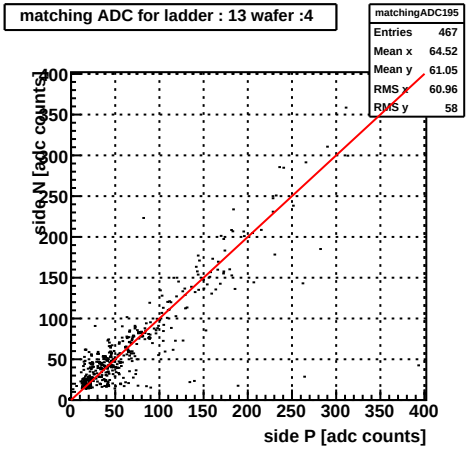

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 122
Mean x 29.7
Mean y 45.83
RMS x 33.43
RMS y 42.03
side N [adc counts]
side P [adc counts]

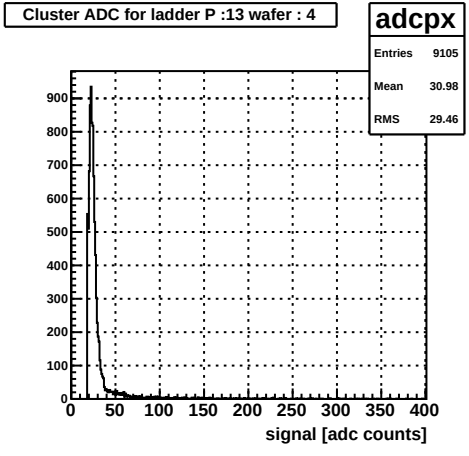

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4974
Mean 29.93
RMS 11.97
signal [adc counts]

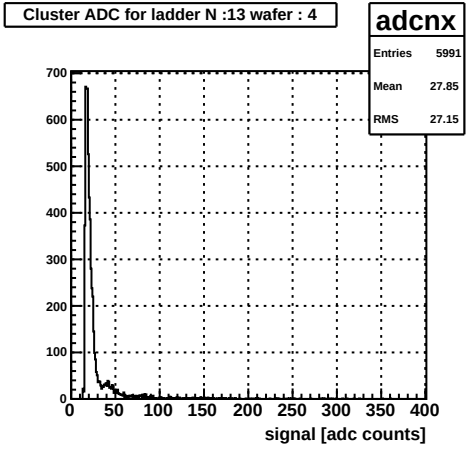

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2617
Mean 39.19
RMS 41.48
signal [adc counts]

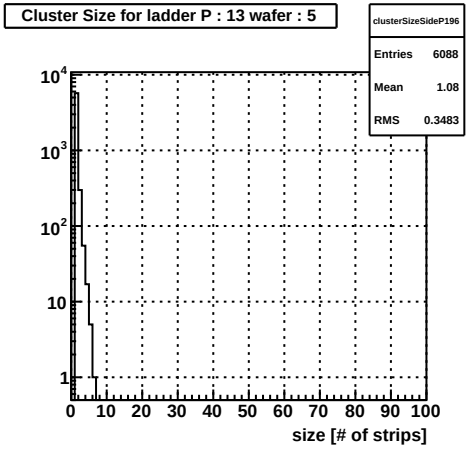

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9105
Mean 1.07
RMS 0.3255
size [# of strips]

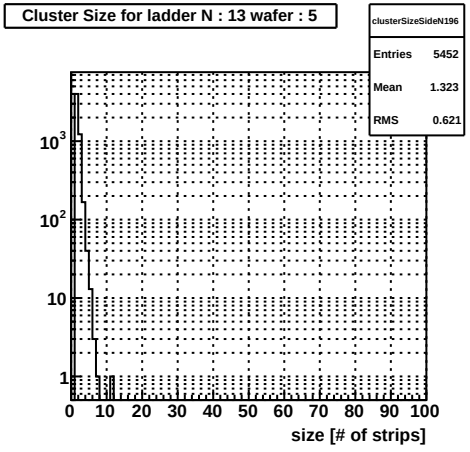

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5991
Mean 1.11
RMS 0.4462
size [# of strips]

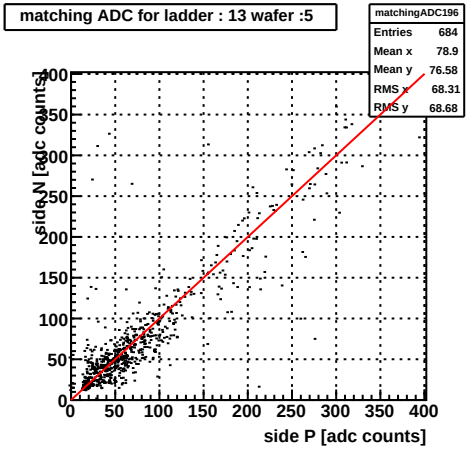

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 467
Mean x 64.52
Mean y 61.05
RMS x 60.96
RMS y 58
side N [adc counts]
side P [adc counts]

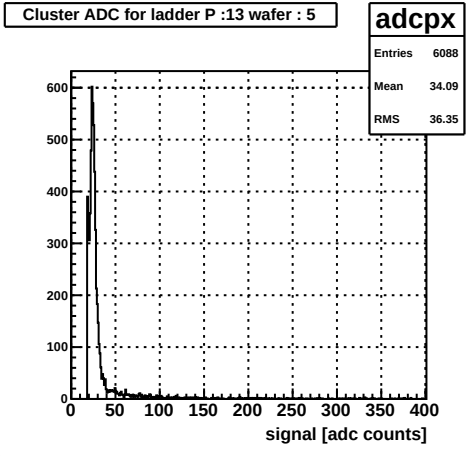

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9105
Mean 30.98
RMS 29.46
signal [adc counts]

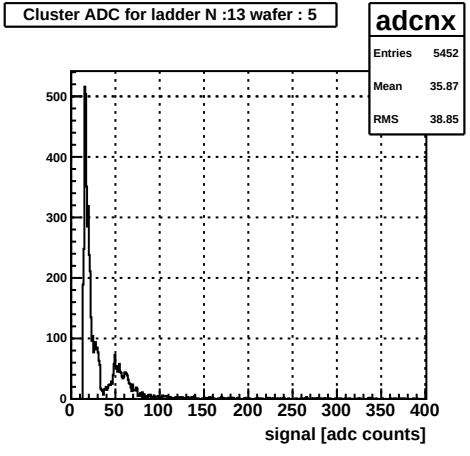

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5991
Mean 27.85
RMS 27.15
signal [adc counts]

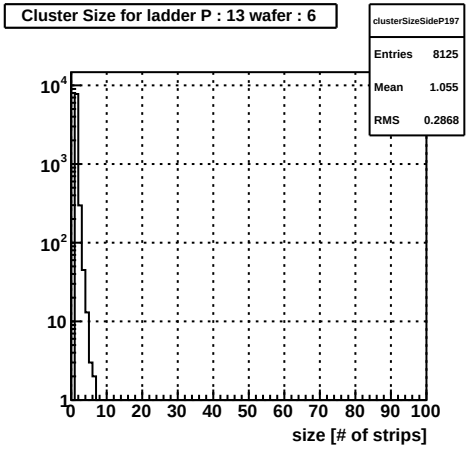

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6088
Mean 1.08
RMS 0.3483
size [# of strips]

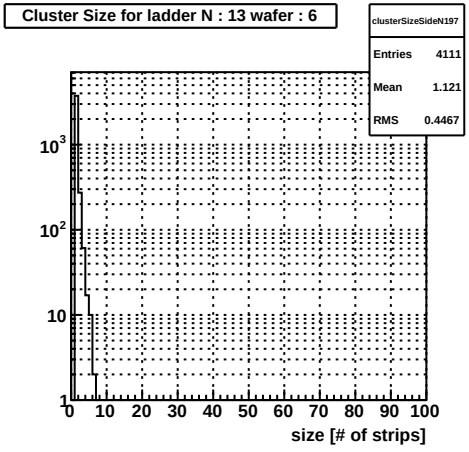

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5452
Mean 1.323
RMS 0.621
size [# of strips]

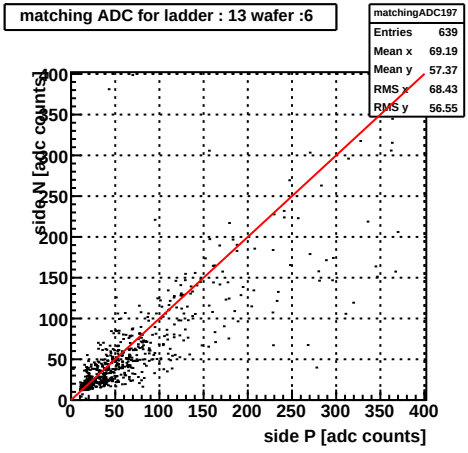

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 684
Mean x 78.9
Mean y 76.58
RMS x 68.31
RMS y 68.68
side N [adc counts]
side P [adc counts]

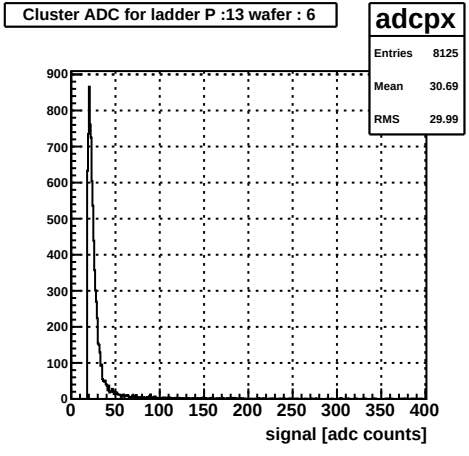

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6088
Mean 34.09
RMS 36.35
signal [adc counts]

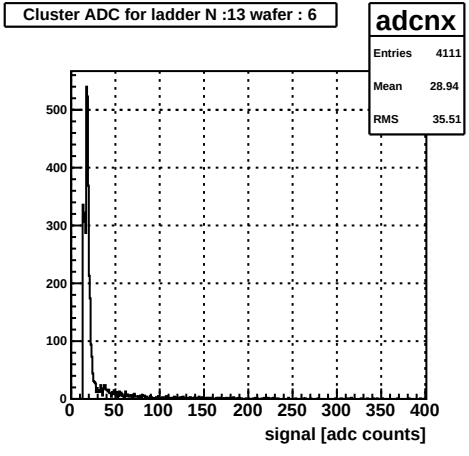

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5452
Mean 35.87
RMS 38.85
signal [adc counts]

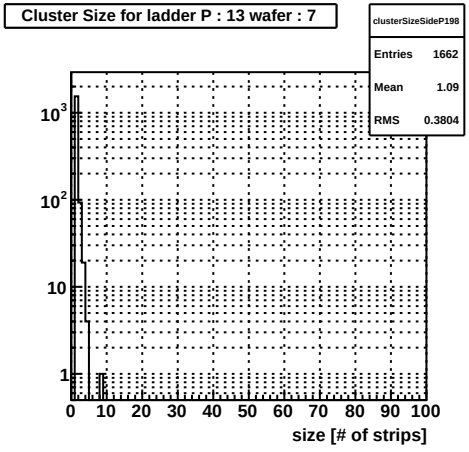

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 8125
Mean 1.055
RMS 0.2868
size [# of strips]

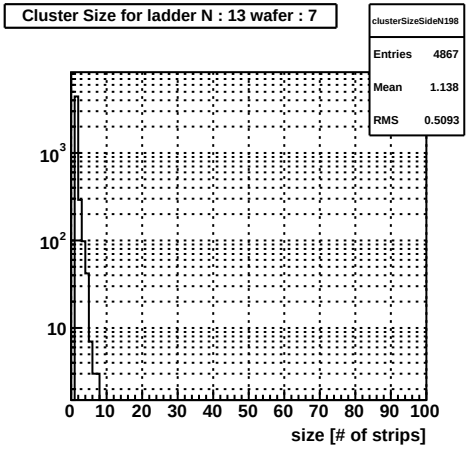

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 4111
Mean 1.121
RMS 0.4467
size [# of strips]

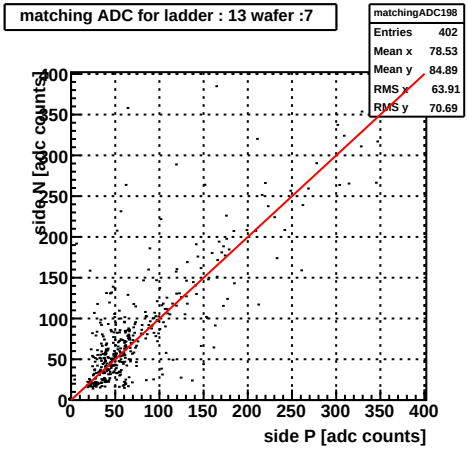

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 639
Mean x 69.19
Mean y 57.37
RMS x 68.43
RMS y 56.55
side N [adc counts]
side P [adc counts]

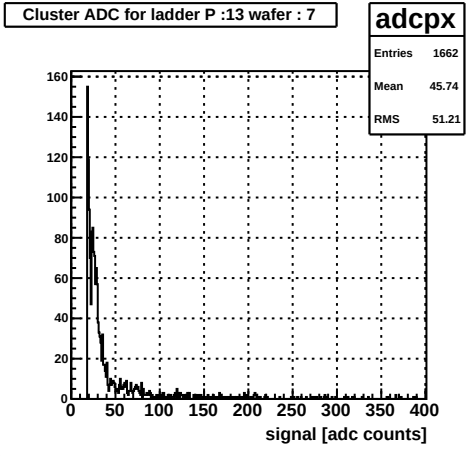

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 8125
Mean 30.69
RMS 29.99
signal [adc counts]

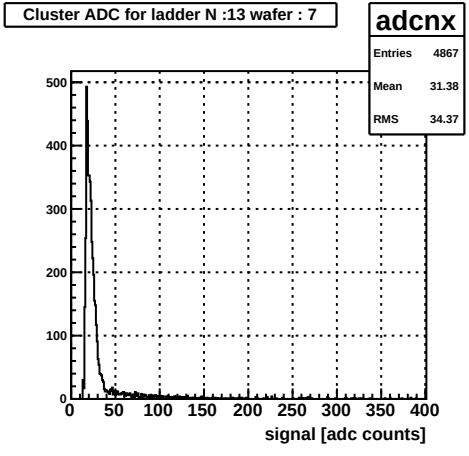

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 4111
Mean 28.94
RMS 35.51
signal [adc counts]

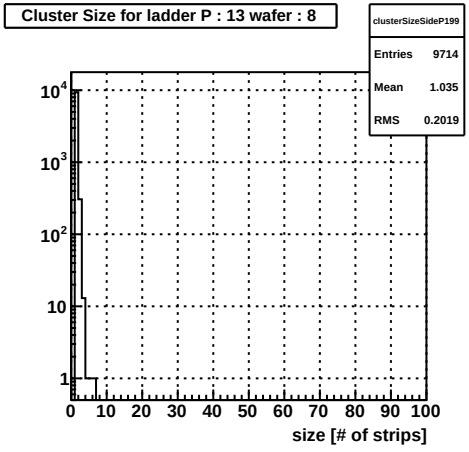

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1662
Mean 1.09
RMS 0.3804
size [# of strips]

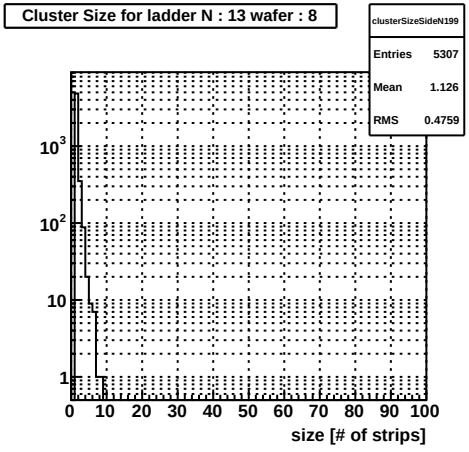

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4867
Mean 1.138
RMS 0.5093
size [# of strips]

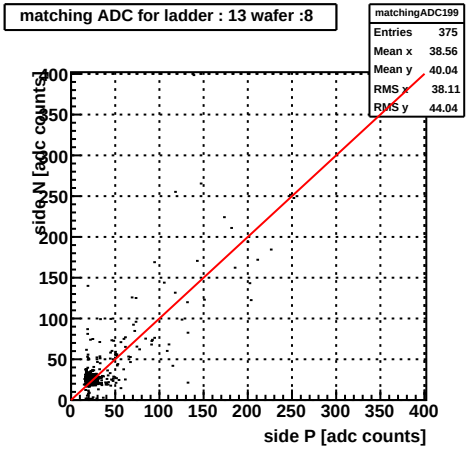

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 402
Mean x 78.53
Mean y 84.89
RMS x 63.91
RMS y 70.69
side N [adc counts]
side P [adc counts]

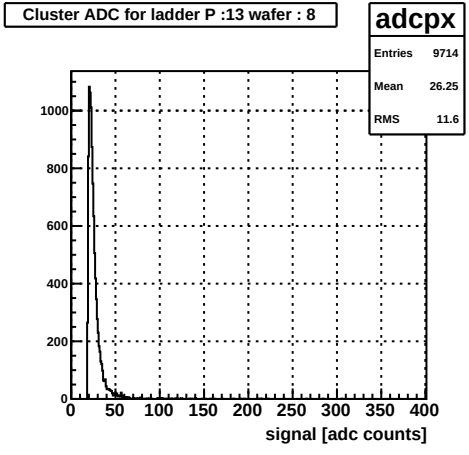

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1662
Mean 45.74
RMS 51.21
signal [adc counts]

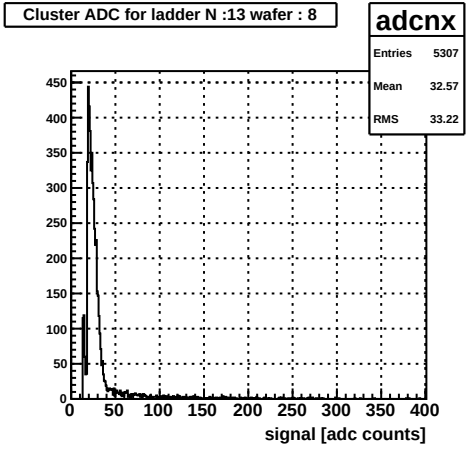

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4867
Mean 31.38
RMS 34.37
signal [adc counts]

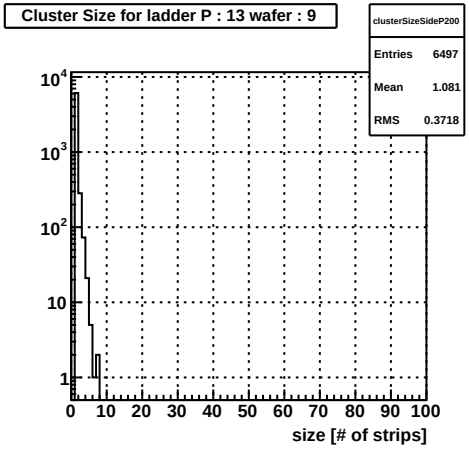

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9714
Mean 1.035
RMS 0.2019
size [# of strips]

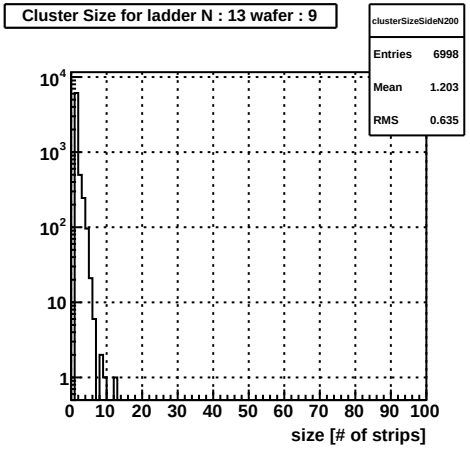

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5307
Mean 1.126
RMS 0.4759
size [# of strips]

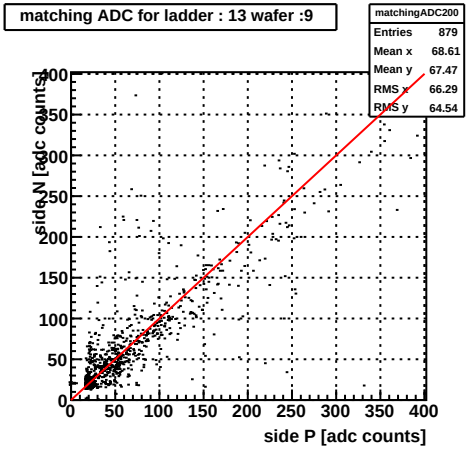

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 375
Mean x 38.56
Mean y 40.04
RMS x 38.11
RMS y 44.04
side N [adc counts]
side P [adc counts]

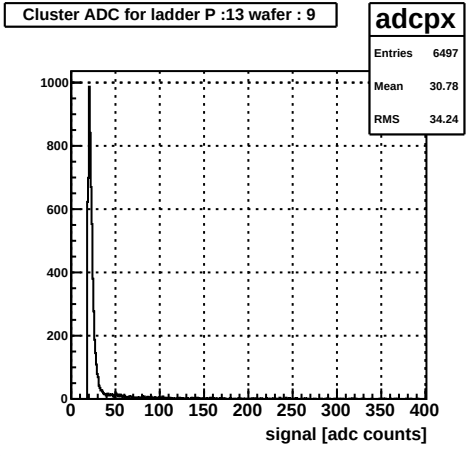

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9714
Mean 26.25
RMS 11.6
signal [adc counts]

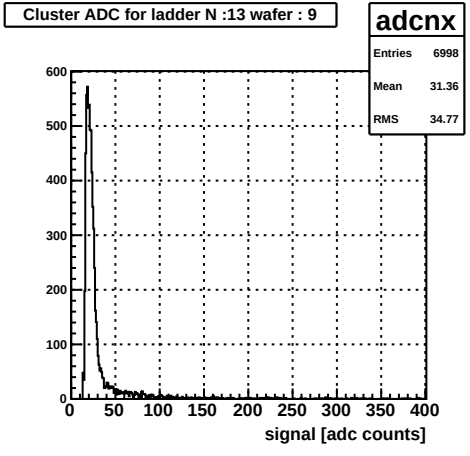

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5307
Mean 32.57
RMS 33.22
signal [adc counts]

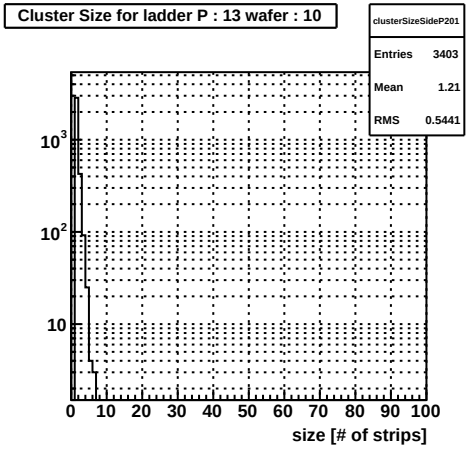

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6497
Mean 1.081
RMS 0.3718
size [# of strips]

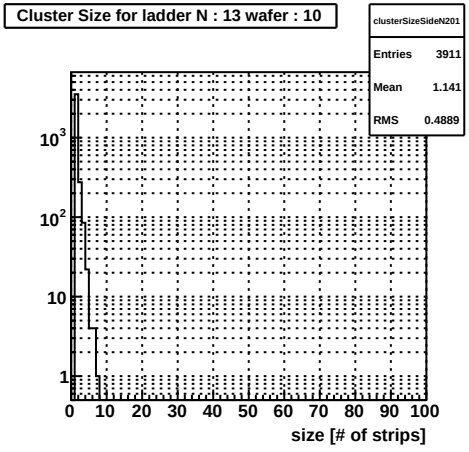

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6998
Mean 1.203
RMS 0.635
size [# of strips]

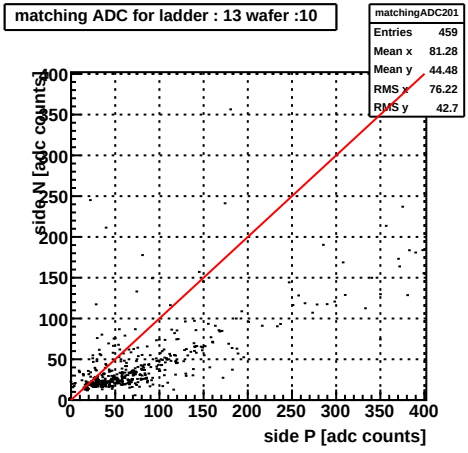

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 879
Mean x 68.61
Mean y 67.47
RMS x 66.29
RMS y 64.54
side N [adc counts]
side P [adc counts]

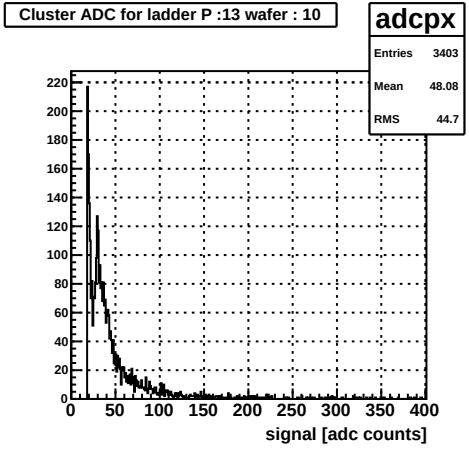

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6497
Mean 30.78
RMS 34.24
signal [adc counts]

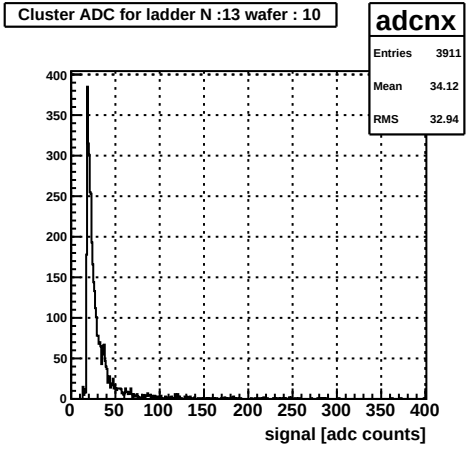

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6998
Mean 31.36
RMS 34.77
signal [adc counts]

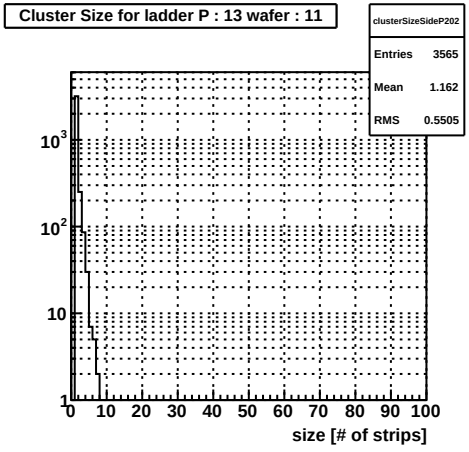

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3403
Mean 1.21
RMS 0.5441
size [# of strips]

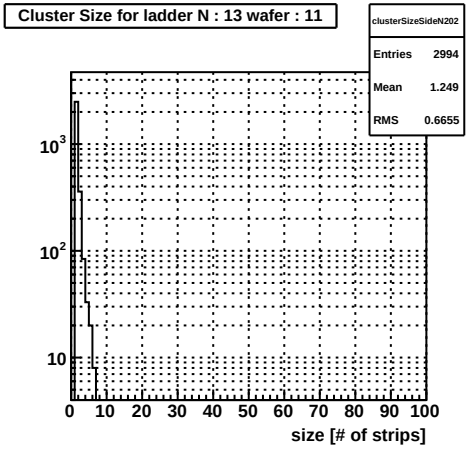

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3911
Mean 1.141
RMS 0.4889
size [# of strips]

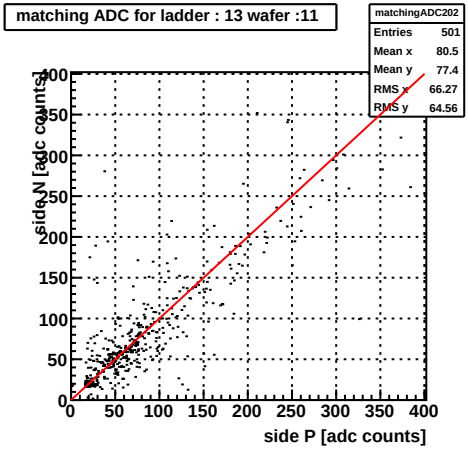

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 459
Mean x 81.28
Mean y 44.48
RMS x 76.22
RMS y 42.7
side N [adc counts]
side P [adc counts]

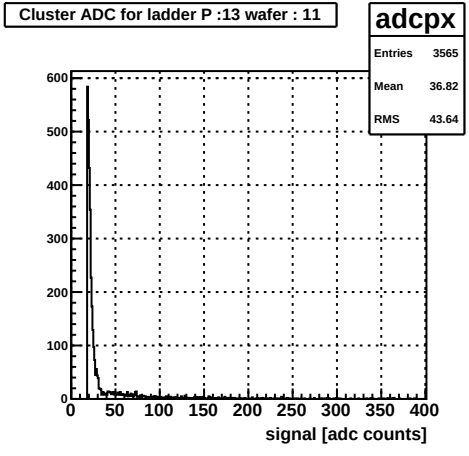

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3403
Mean 48.08
RMS 44.7
signal [adc counts]

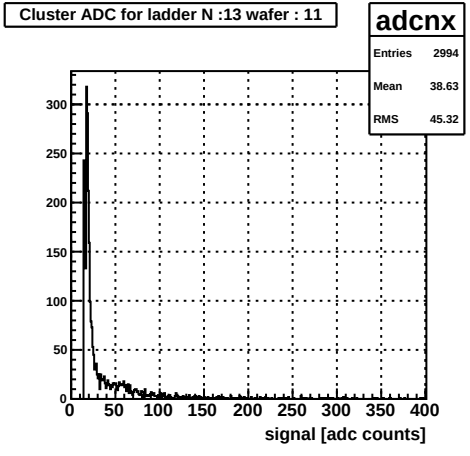

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3911
Mean 34.12
RMS 32.94
signal [adc counts]

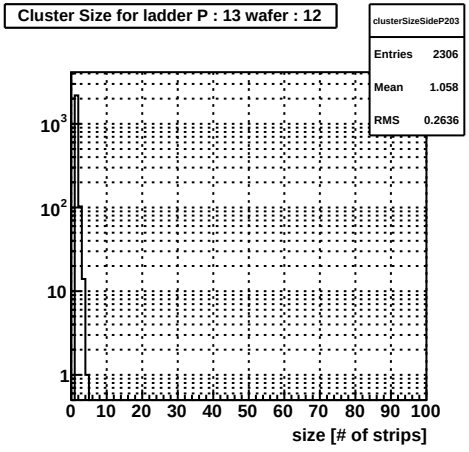

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3565
Mean 1.162
RMS 0.5505
size [# of strips]

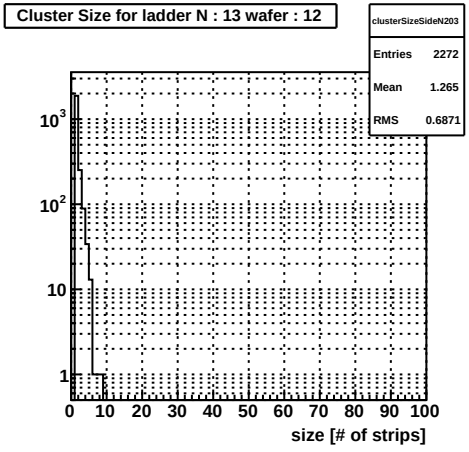

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2994
Mean 1.249
RMS 0.6655
size [# of strips]

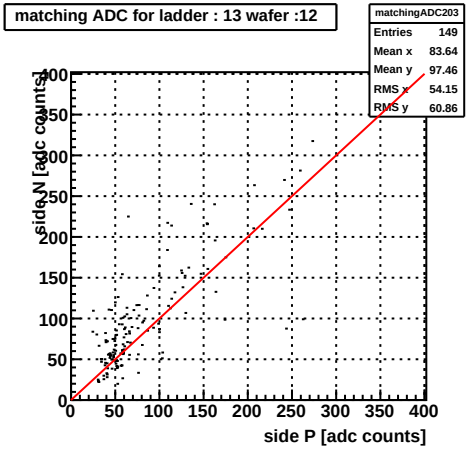

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 501
Mean x 80.5
Mean y 77.4
RMS x 66.27
RMS y 64.56
side N [adc counts]
side P [adc counts]

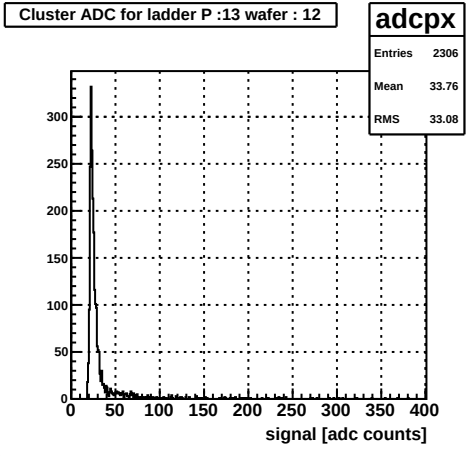

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3565
Mean 36.82
RMS 43.64
signal [adc counts]

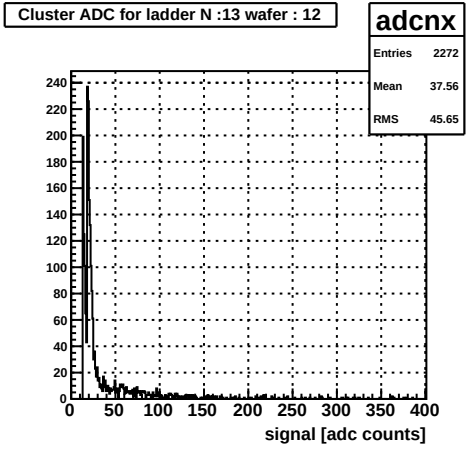

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2994
Mean 38.63
RMS 45.32
signal [adc counts]

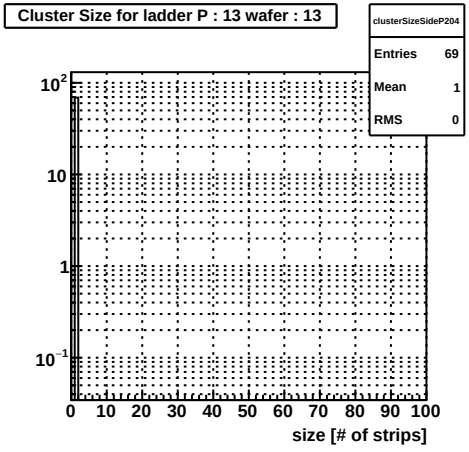

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2306
Mean 1.058
RMS 0.2636
size [# of strips]

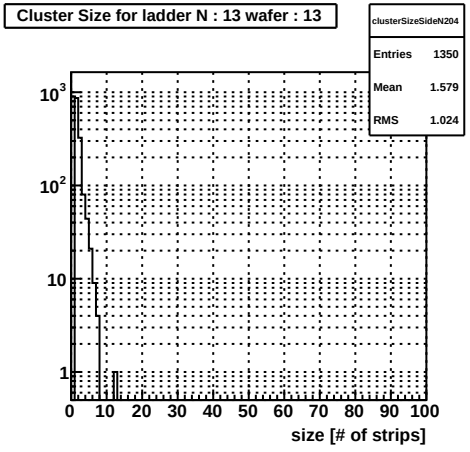

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2272
Mean 1.265
RMS 0.6871
size [# of strips]

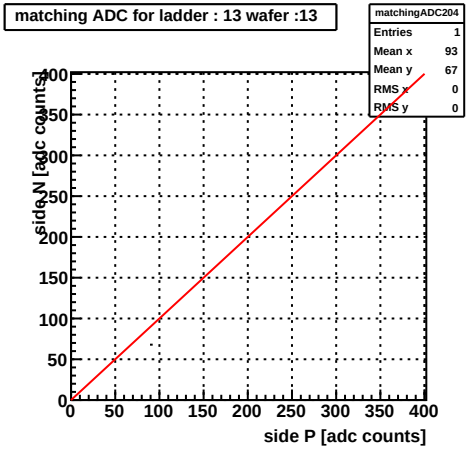

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 149
Mean x 83.64
Mean y 97.46
RMS x 54.15
RMS y 60.86
side N [adc counts]
side P [adc counts]

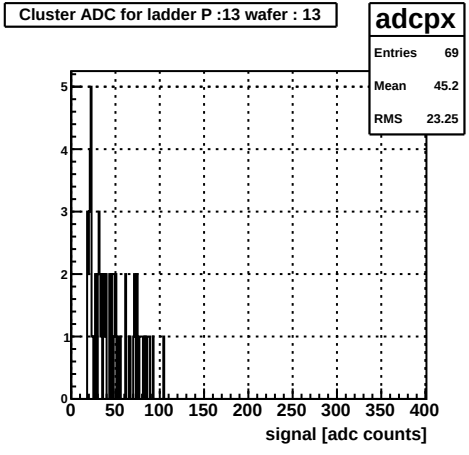

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2306
Mean 33.76
RMS 33.08
signal [adc counts]

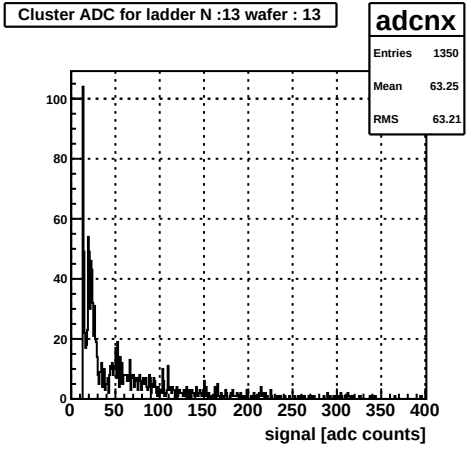

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2272
Mean 37.56
RMS 45.65
signal [adc counts]

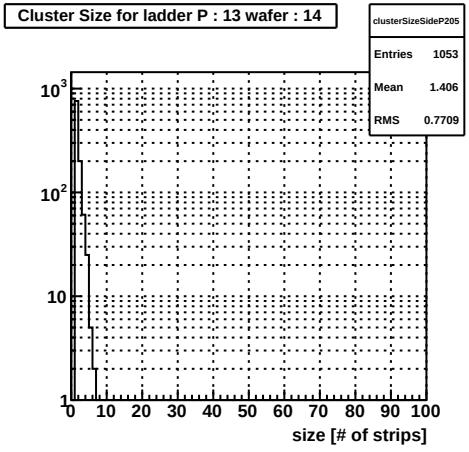

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 69
Mean 1
RMS 0
size [# of strips]

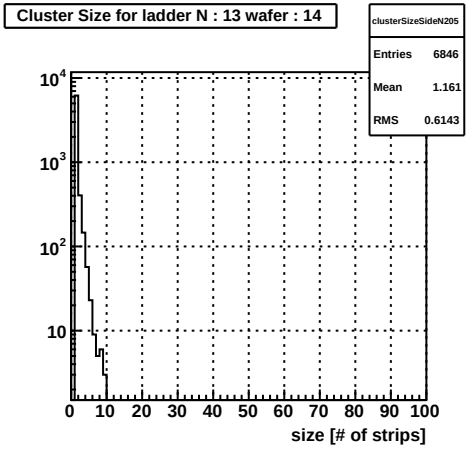

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1350
Mean 1.579
RMS 1.024
size [# of strips]

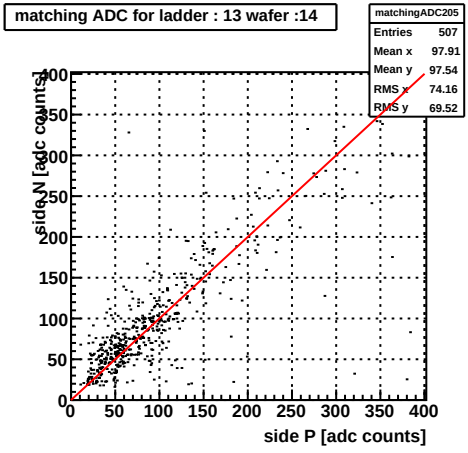

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 93
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

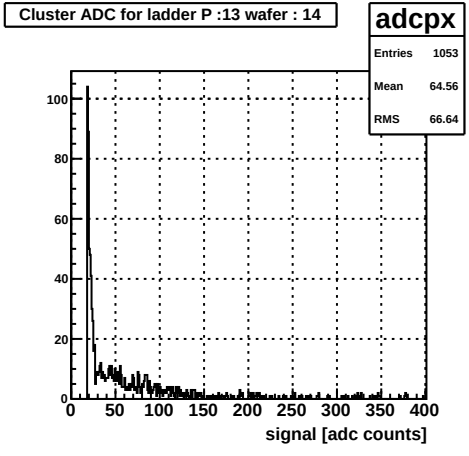

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 69
Mean 45.2
RMS 23.25
signal [adc counts]

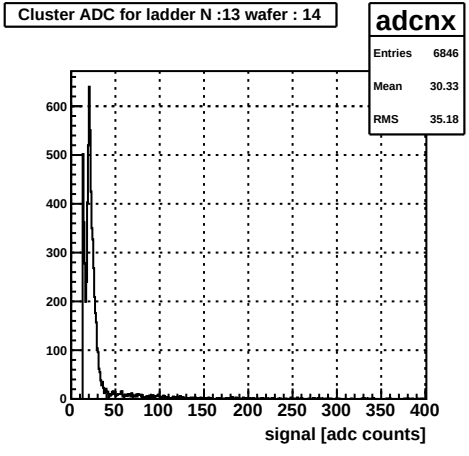

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1350
Mean 63.25
RMS 63.21
signal [adc counts]

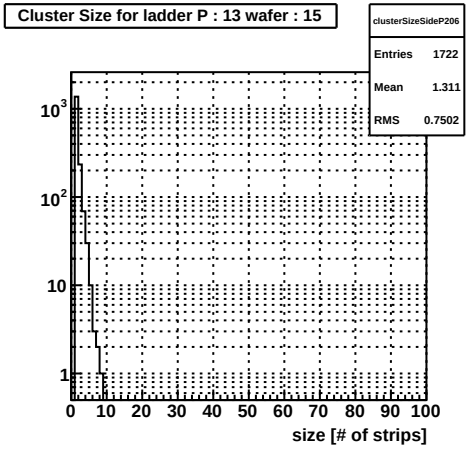

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1053
Mean 1.406
RMS 0.7709
size [# of strips]

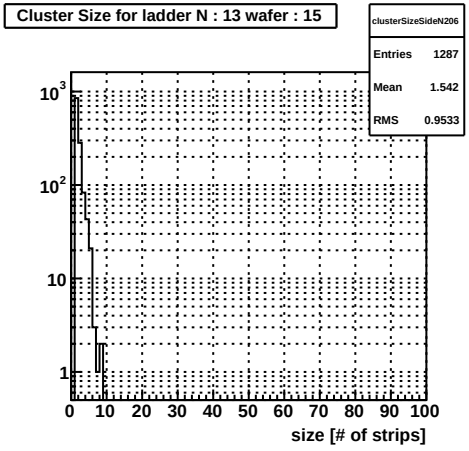

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 6846
Mean 1.161
RMS 0.6143
size [# of strips]

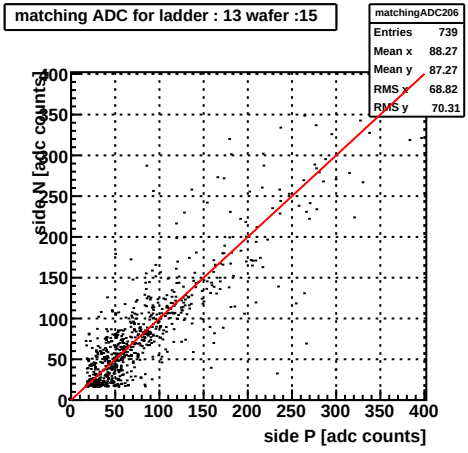

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 507
Mean x 97.91
Mean y 97.54
RMS x 74.16
RMS y 69.52
side N [adc counts]
side P [adc counts]

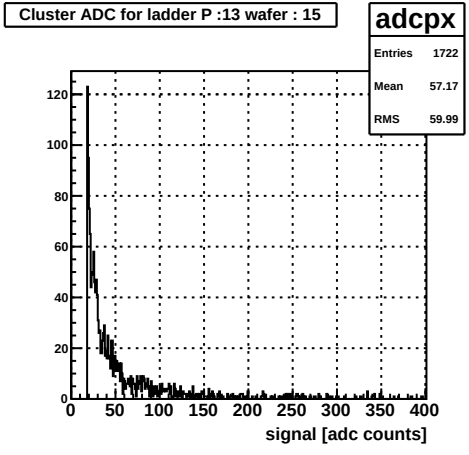

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1053
Mean 64.56
RMS 66.64
signal [adc counts]

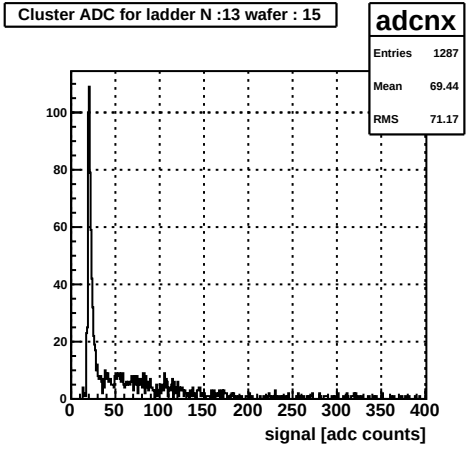

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 6846
Mean 30.33
RMS 35.18
signal [adc counts]

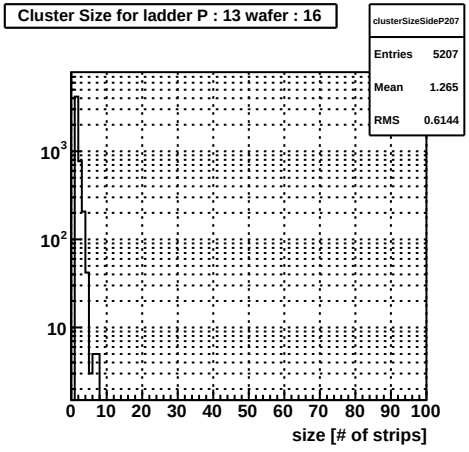

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1722
Mean 1.311
RMS 0.7502
size [# of strips]

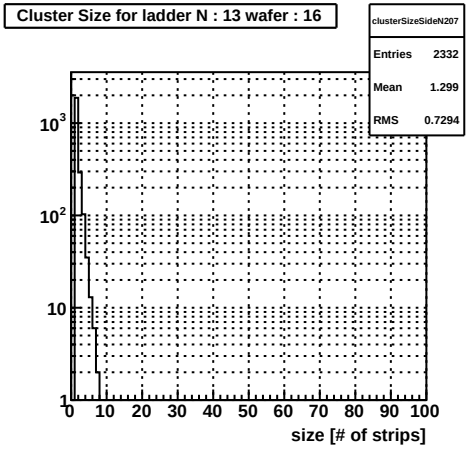

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1287
Mean 1.542
RMS 0.9533
size [# of strips]

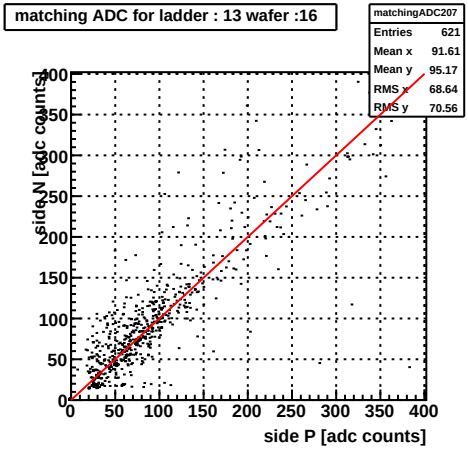

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 739
Mean x 88.27
Mean y 87.27
RMS x 68.82
RMS y 70.31
side N [adc counts]
side P [adc counts]

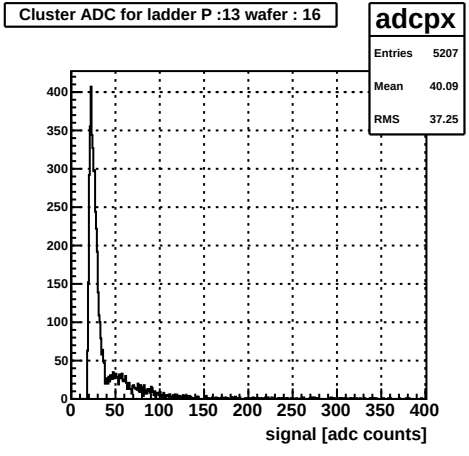

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1722
Mean 57.17
RMS 59.99
signal [adc counts]

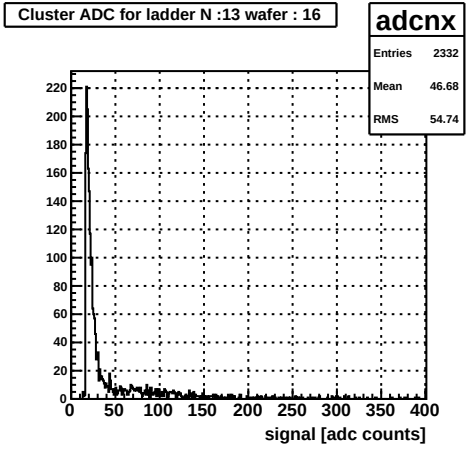

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1287
Mean 69.44
RMS 71.17
signal [adc counts]

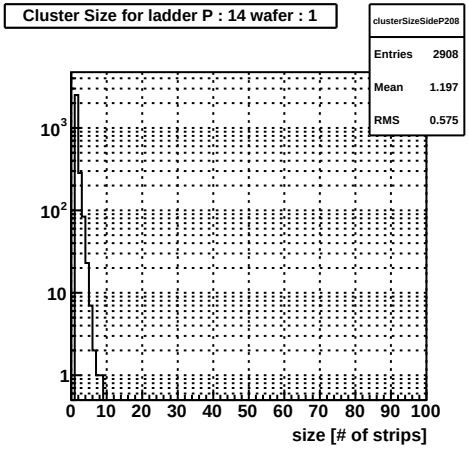

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5207
Mean 1.265
RMS 0.6144
size [# of strips]

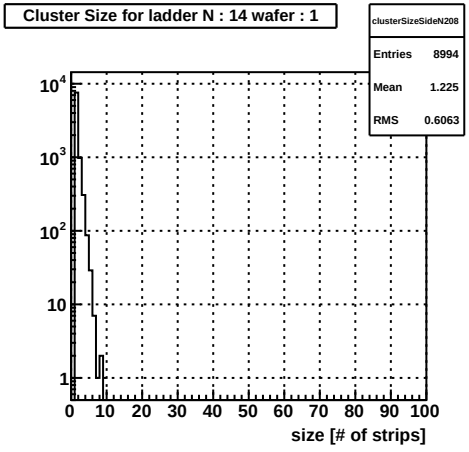

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2332
Mean 1.299
RMS 0.7294
size [# of strips]

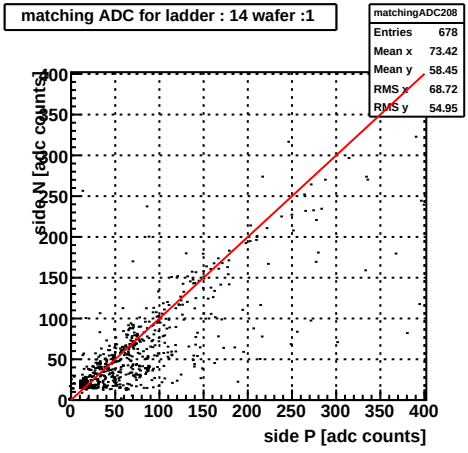

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 621
Mean x 91.61
Mean y 95.17
RMS x 68.64
RMS y 70.56
side N [adc counts]
side P [adc counts]

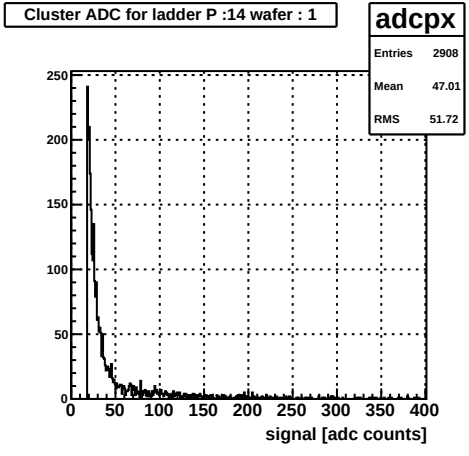

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5207
Mean 40.09
RMS 37.25
signal [adc counts]

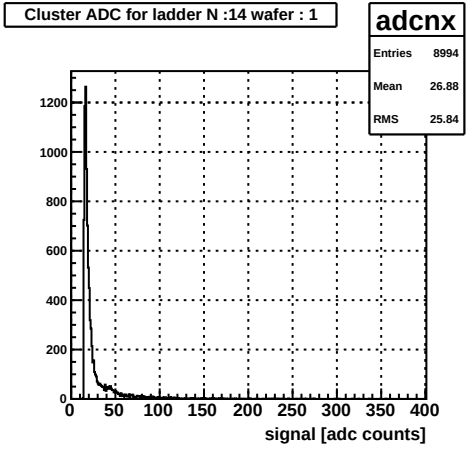

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2332
Mean 46.68
RMS 54.74
signal [adc counts]

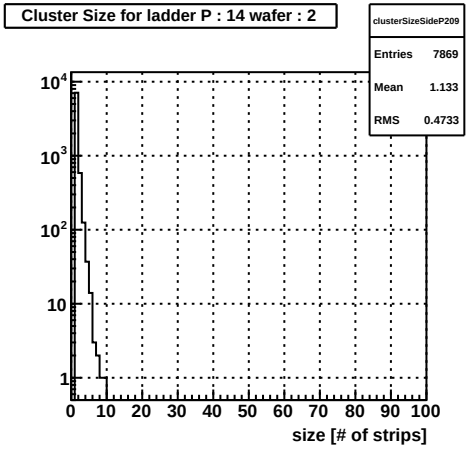

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2908
Mean 1.197
RMS 0.575
size [# of strips]

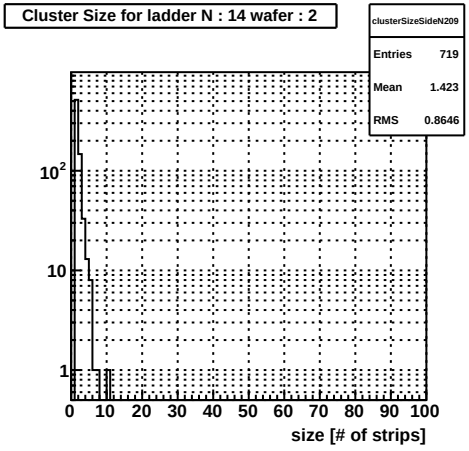

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8994
Mean 1.225
RMS 0.6063
size [# of strips]

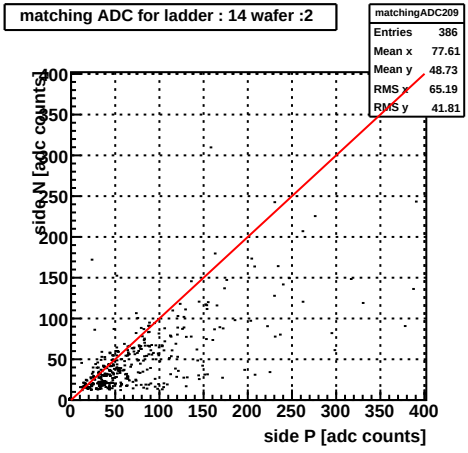

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 678
Mean x 73.42
Mean y 58.45
RMS x 68.72
RMS y 54.95
side N [adc counts]
side P [adc counts]

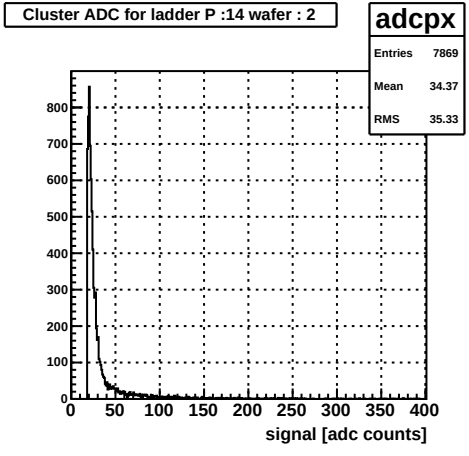

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2908
Mean 47.01
RMS 51.72
signal [adc counts]

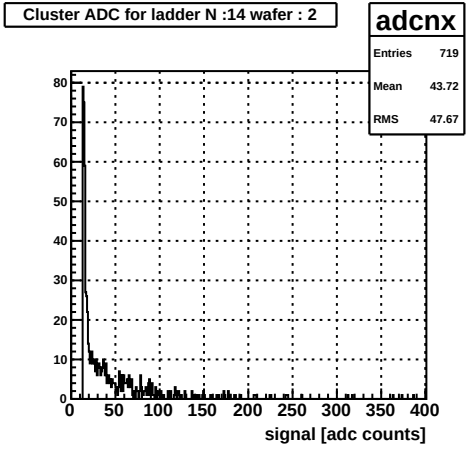

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8994
Mean 26.88
RMS 25.84
signal [adc counts]

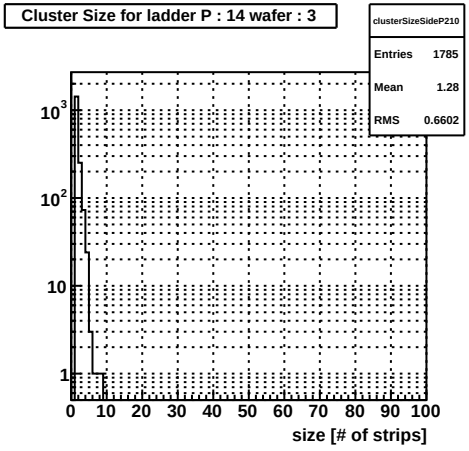

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7869
Mean 1.133
RMS 0.4733
size [# of strips]

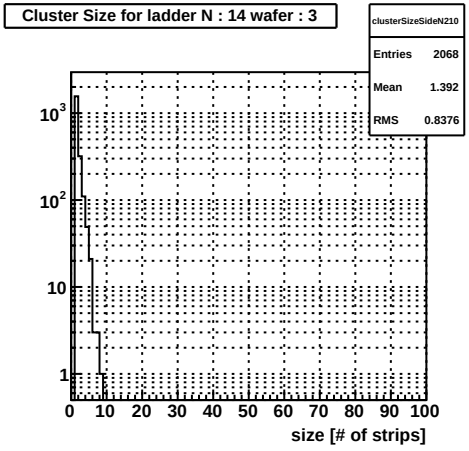

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 719
Mean 1.423
RMS 0.8646
size [# of strips]

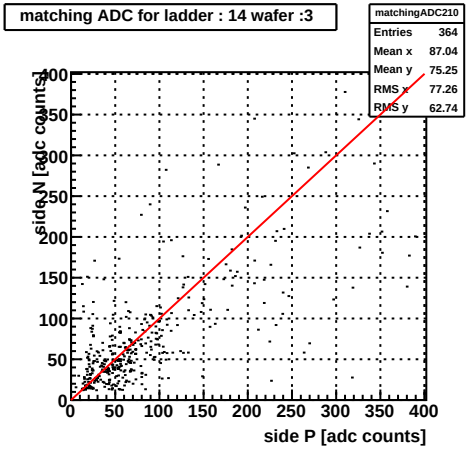

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 386
Mean x 77.61
Mean y 48.73
RMS x 65.19
RMS y 41.81
side N [adc counts]
side P [adc counts]

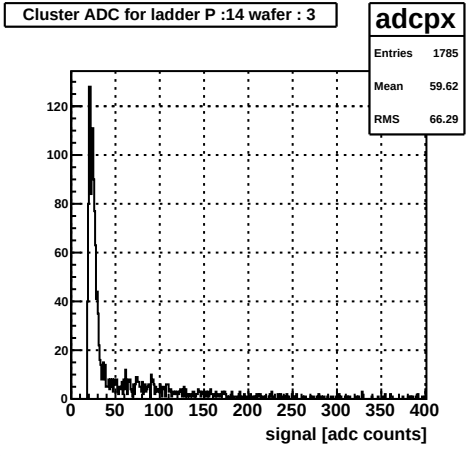

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7869
Mean 34.37
RMS 35.33
signal [adc counts]

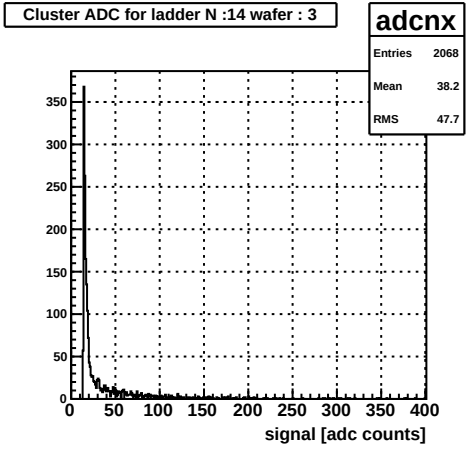

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 719
Mean 43.72
RMS 47.67
signal [adc counts]

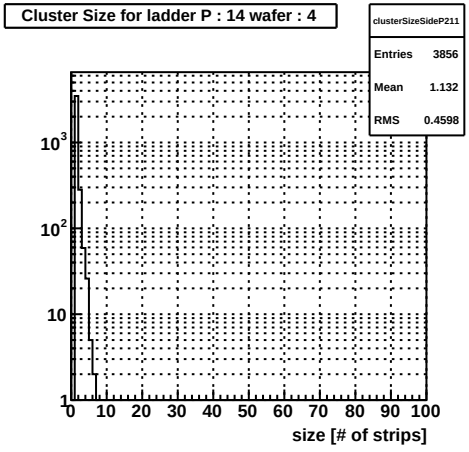

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1785
Mean 1.28
RMS 0.6602
size [# of strips]

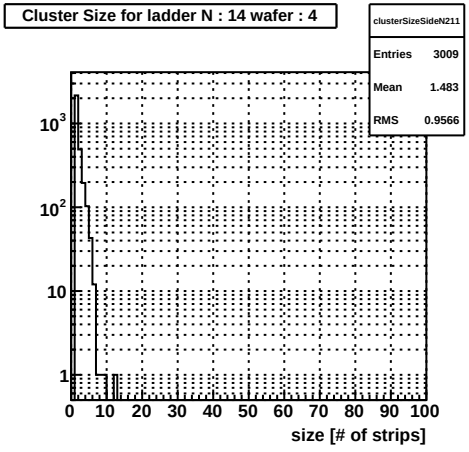

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2068
Mean 1.392
RMS 0.8376
size [# of strips]

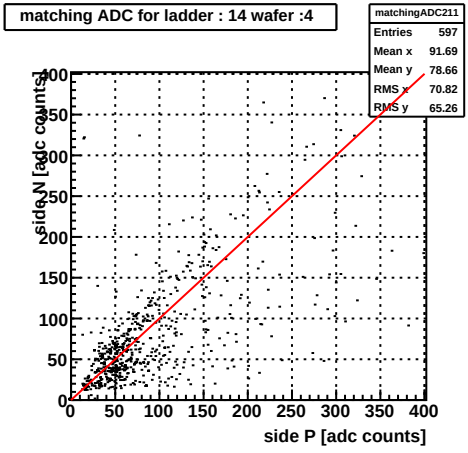

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 364
Mean x 87.04
Mean y 75.25
RMS x 77.26
RMS y 62.74
side N [adc counts]
side P [adc counts]

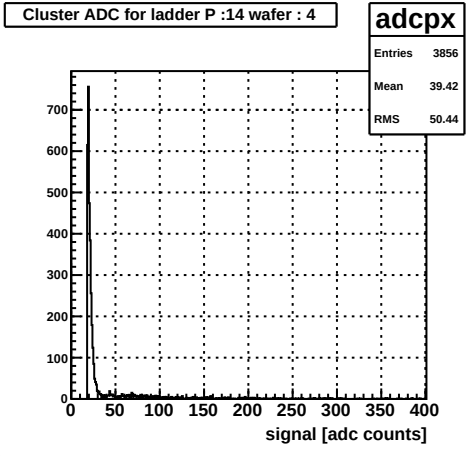

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1785
Mean 59.62
RMS 66.29
signal [adc counts]

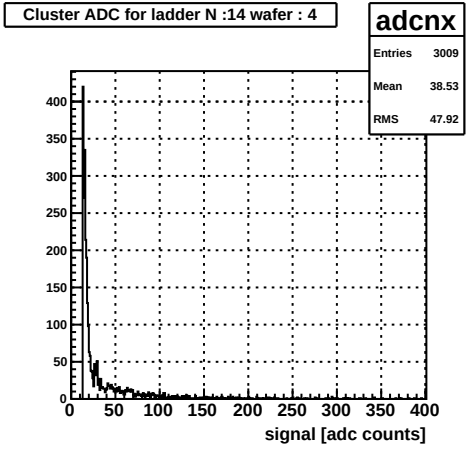

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2068
Mean 38.2
RMS 47.7
signal [adc counts]

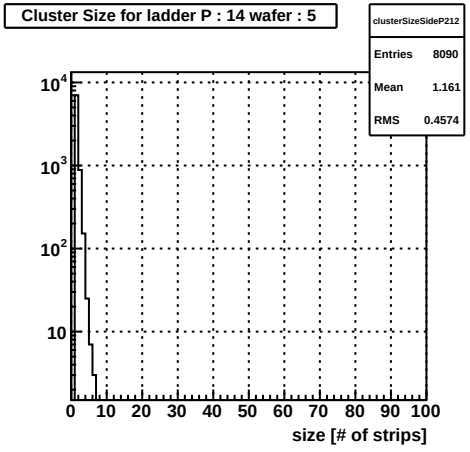

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3856
Mean 1.132
RMS 0.4598
size [# of strips]

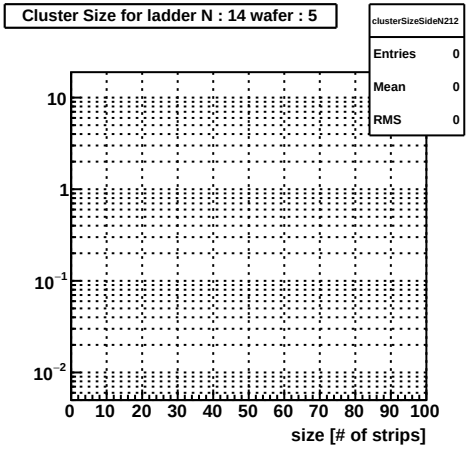

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3009
Mean 1.483
RMS 0.9566
size [# of strips]

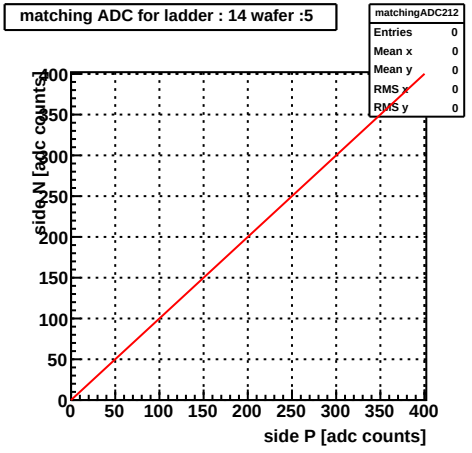

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 597
Mean x 91.69
Mean y 78.66
RMS x 70.82
RMS y 65.26
side N [adc counts]
side P [adc counts]

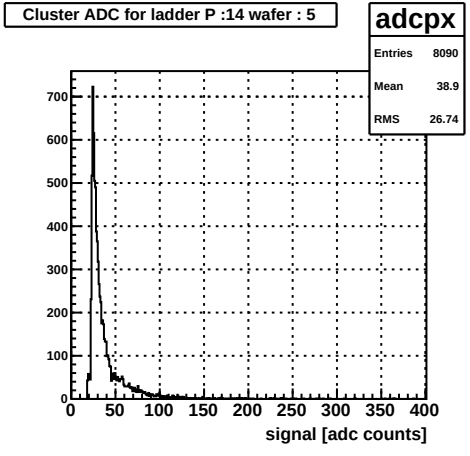

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3856
Mean 39.42
RMS 50.44
signal [adc counts]

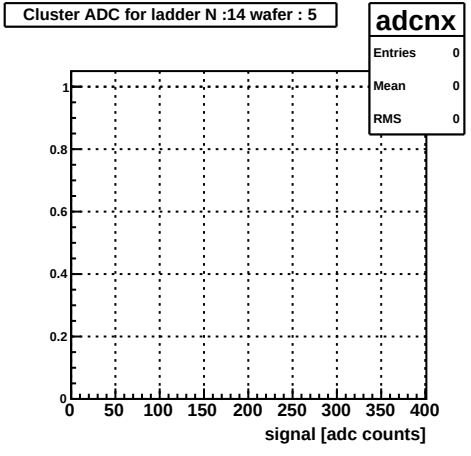

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3009
Mean 38.53
RMS 47.92
signal [adc counts]

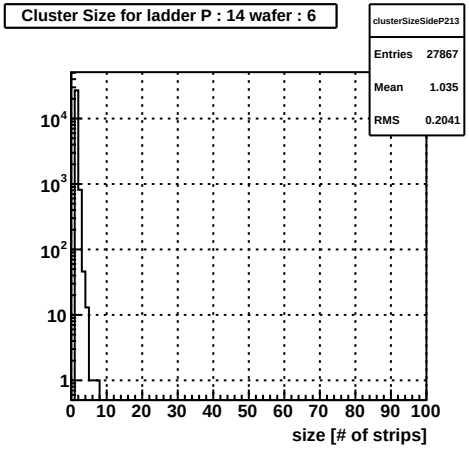

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8090
Mean 1.161
RMS 0.4574
size [# of strips]

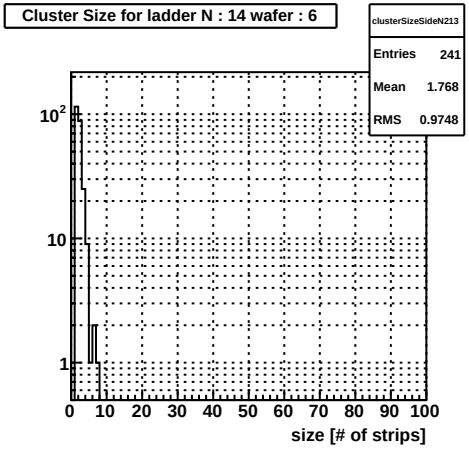

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

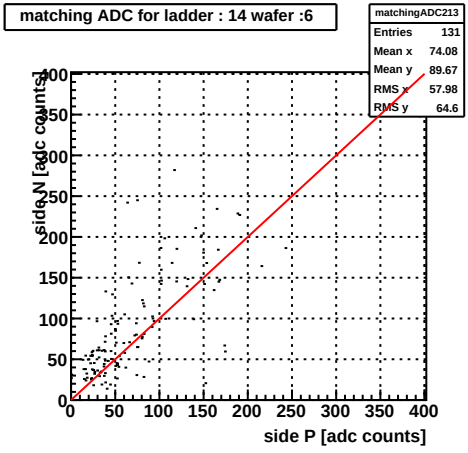

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

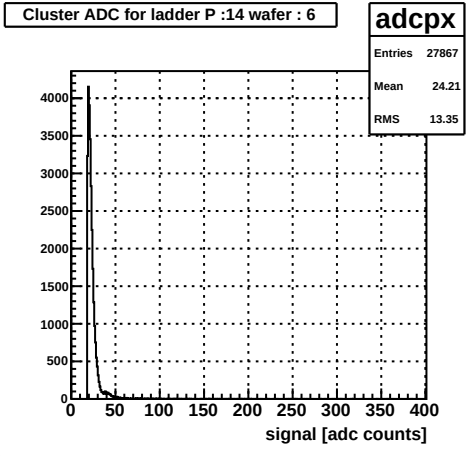

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8090
Mean 38.9
RMS 26.74
signal [adc counts]

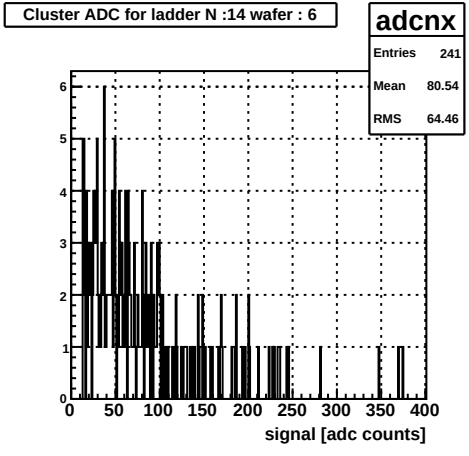

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

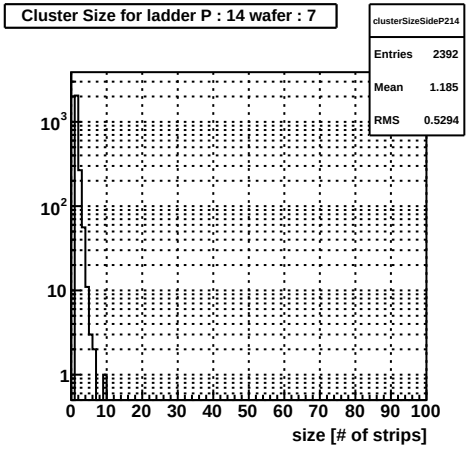

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 27867
Mean 1.035
RMS 0.2041
size [# of strips]

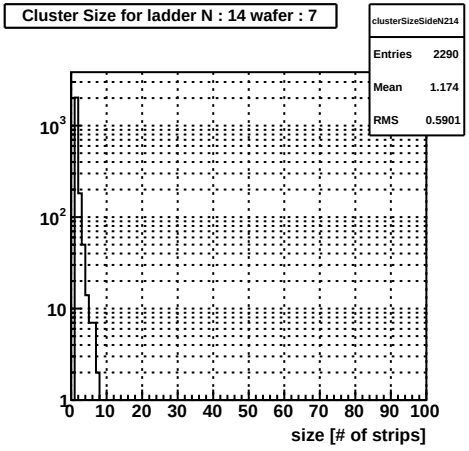

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 241
Mean 1.768
RMS 0.9748
size [# of strips]

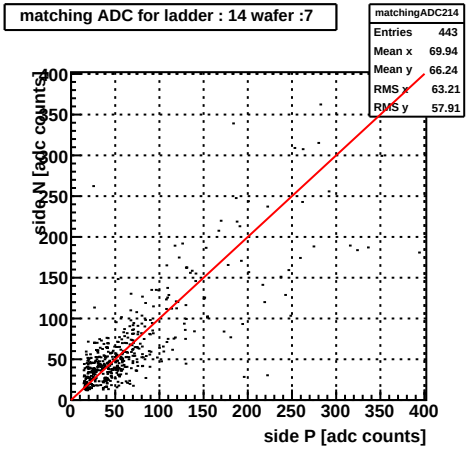

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 131
Mean x 74.08
Mean y 89.67
RMS x 57.98
RMS y 64.6
side N [adc counts]
side P [adc counts]

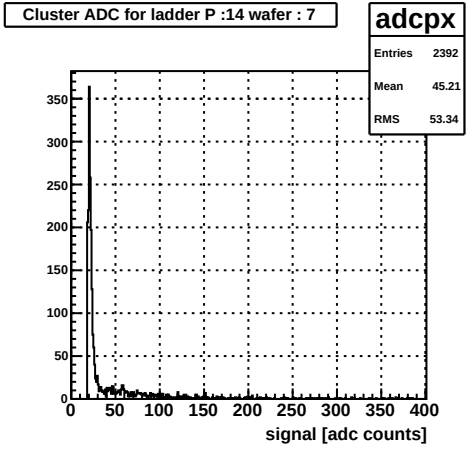

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 27867
Mean 24.21
RMS 13.35
signal [adc counts]

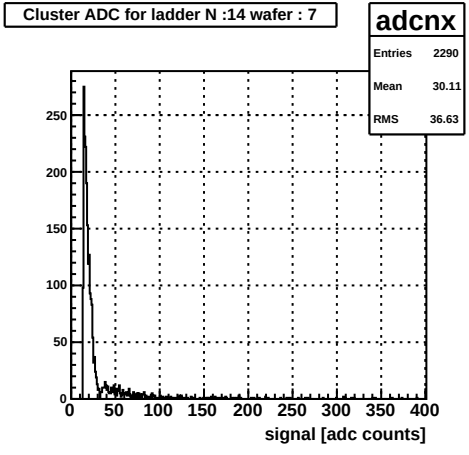

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 241
Mean 80.54
RMS 64.46
signal [adc counts]

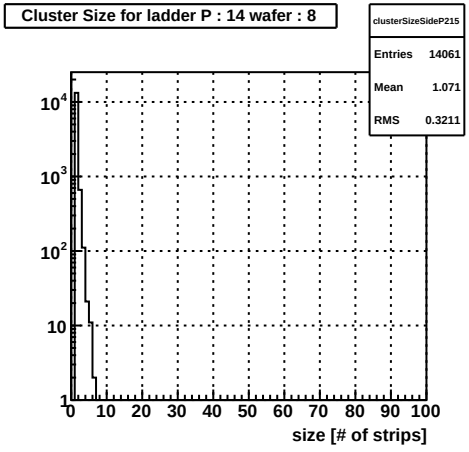

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2392
Mean 1.185
RMS 0.5294
size [# of strips]

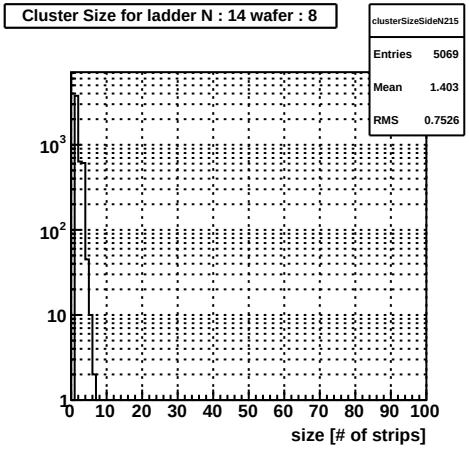

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2290
Mean 1.174
RMS 0.5901
size [# of strips]

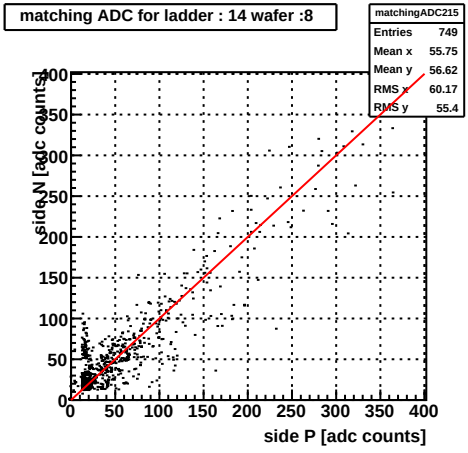

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 443
Mean x 69.94
Mean y 66.24
RMS x 63.21
RMS y 57.91
side N [adc counts]
side P [adc counts]

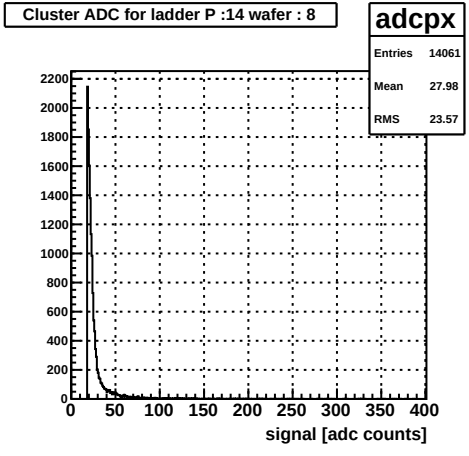

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2392
Mean 45.21
RMS 53.34
signal [adc counts]

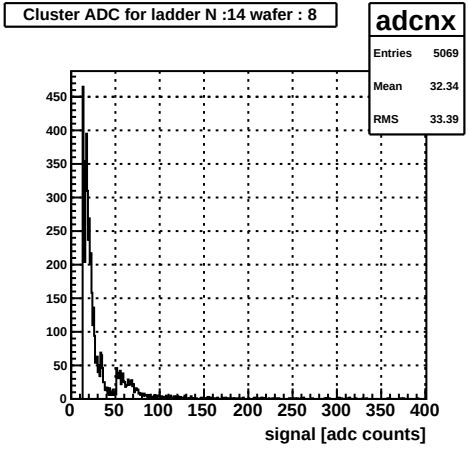

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2290
Mean 30.11
RMS 36.63
signal [adc counts]

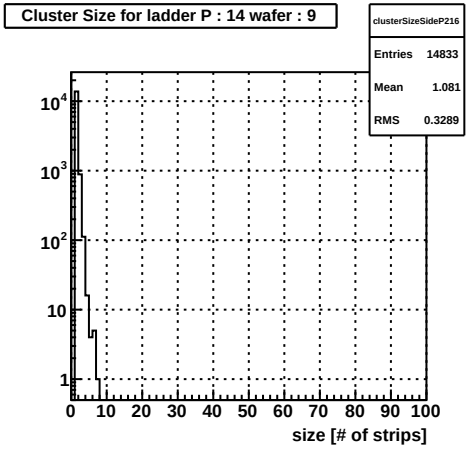

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 14061
Mean 1.071
RMS 0.3211
size [# of strips]

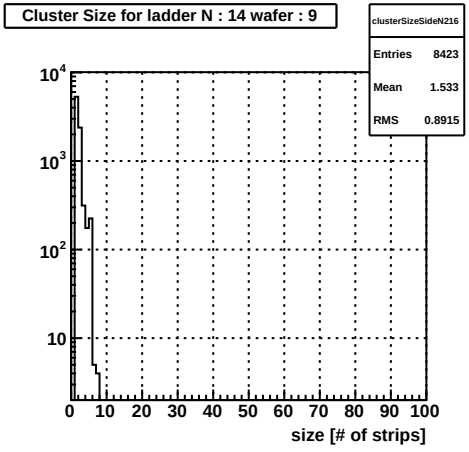

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5069
Mean 1.403
RMS 0.7526
size [# of strips]

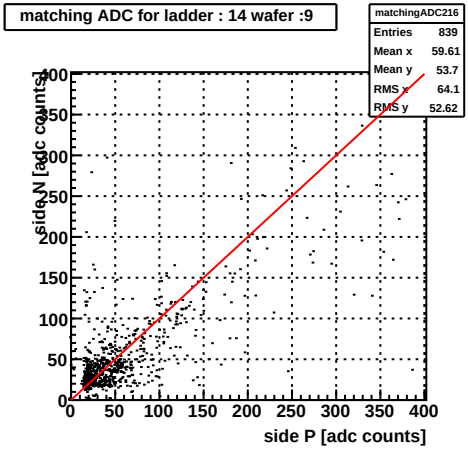

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 749
Mean x 55.75
Mean y 56.62
RMS x 60.17
RMS y 55.4
side N [adc counts]
side P [adc counts]

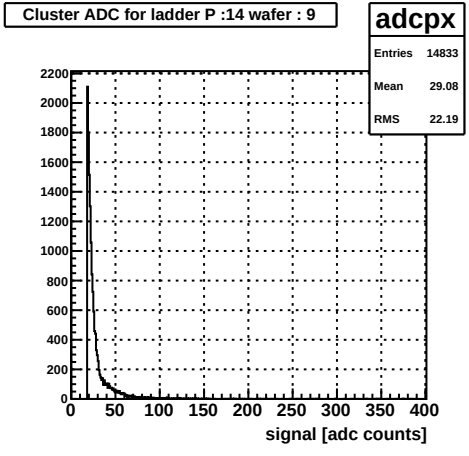

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 14061
Mean 27.98
RMS 23.57
signal [adc counts]

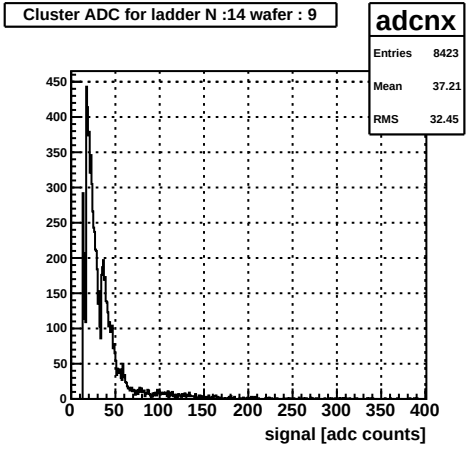

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5069
Mean 32.34
RMS 33.39
signal [adc counts]

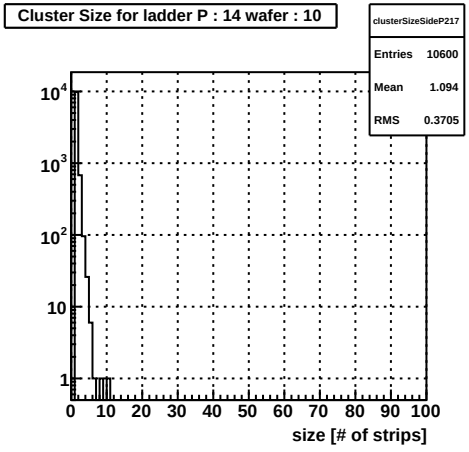

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14833
Mean 1.081
RMS 0.3289
size [# of strips]

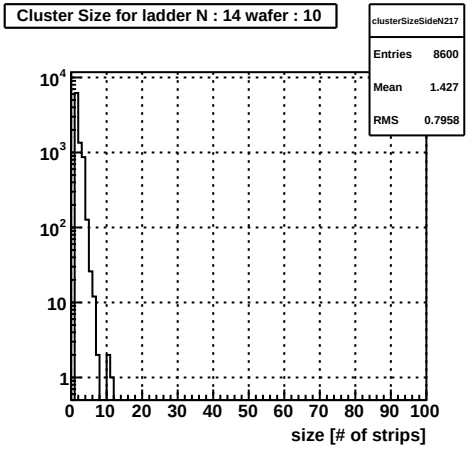

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 8423
Mean 1.533
RMS 0.8915
size [# of strips]

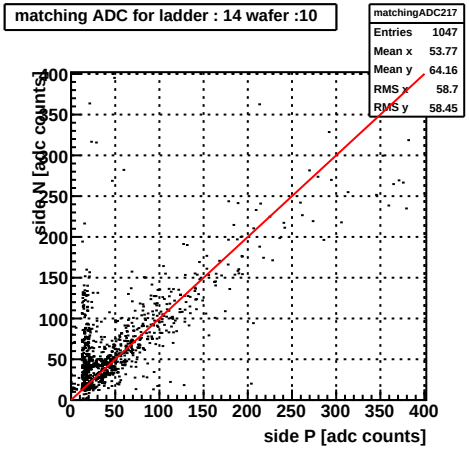

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 839
Mean x 59.61
Mean y 53.7
RMS x 64.1
RMS y 52.62
side N [adc counts]
side P [adc counts]

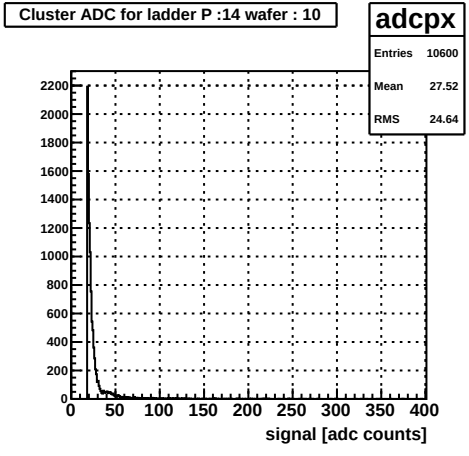

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14833
Mean 29.08
RMS 22.19
signal [adc counts]

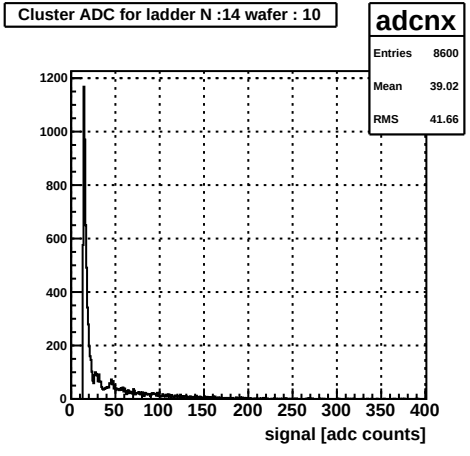

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 8423
Mean 37.21
RMS 32.45
signal [adc counts]

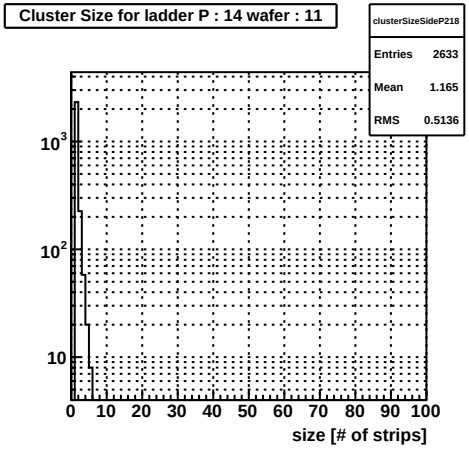

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10600
Mean 1.094
RMS 0.3705
size [# of strips]

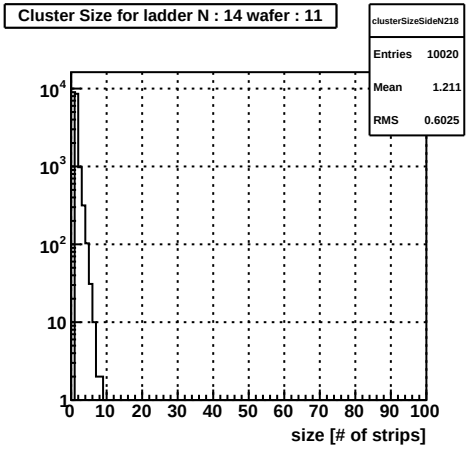

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8600
Mean 1.427
RMS 0.7958
size [# of strips]

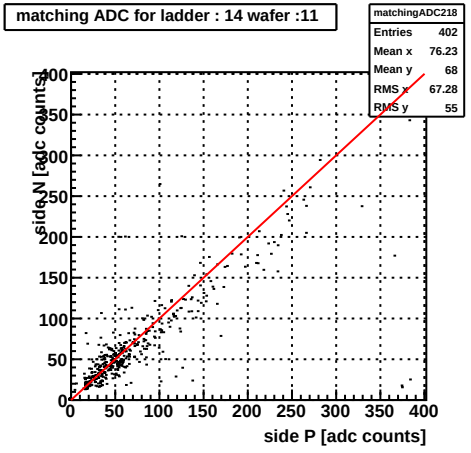

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1047
Mean x 53.77
Mean y 64.16
RMS x 58.7
RMS y 58.45
side N [adc counts]
side P [adc counts]

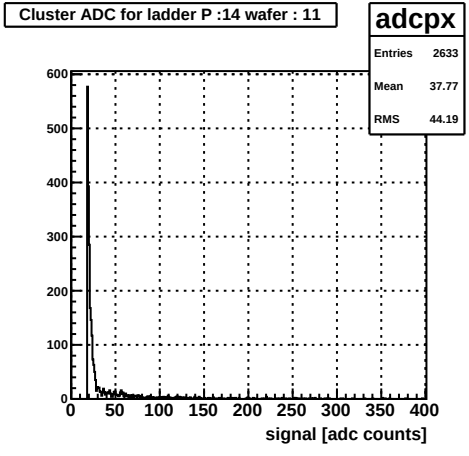

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10600
Mean 27.52
RMS 24.64
signal [adc counts]

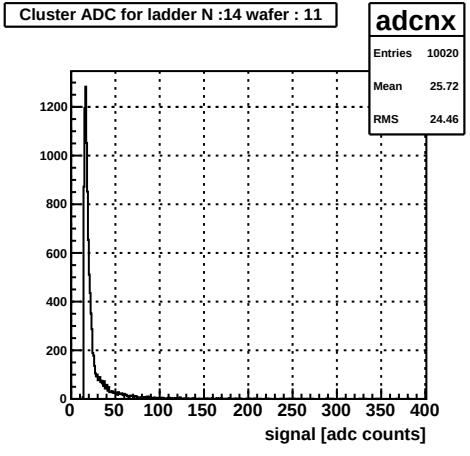

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8600
Mean 39.02
RMS 41.66
signal [adc counts]

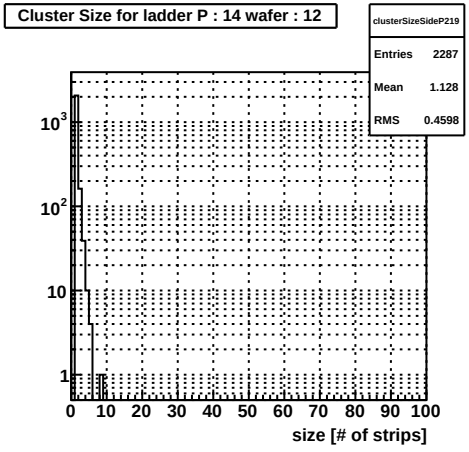

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2633
Mean 1.165
RMS 0.5136
size [# of strips]

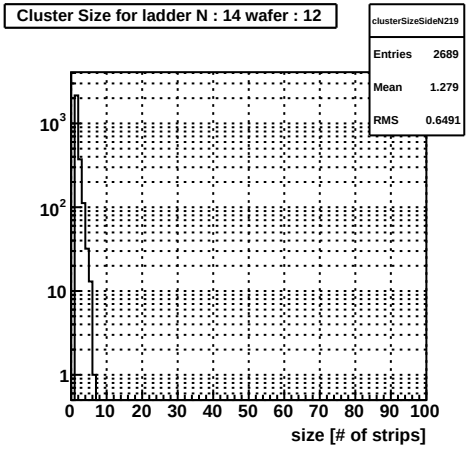

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10020
Mean 1.211
RMS 0.6025
size [# of strips]

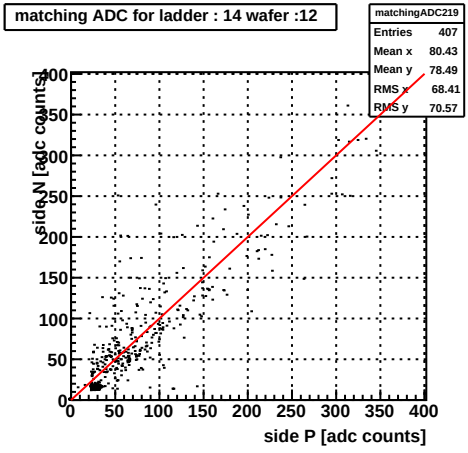

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 402
Mean x 76.23
Mean y 68
RMS x 67.28
RMS y 55
side N [adc counts]
side P [adc counts]

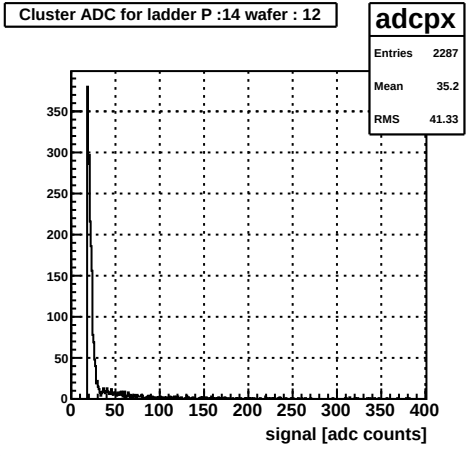

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2633
Mean 37.77
RMS 44.19
signal [adc counts]

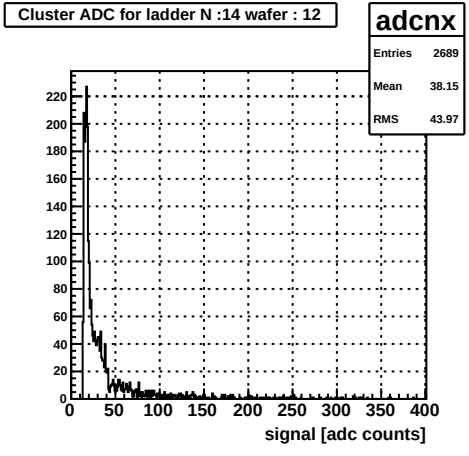

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10020
Mean 25.72
RMS 24.46
signal [adc counts]

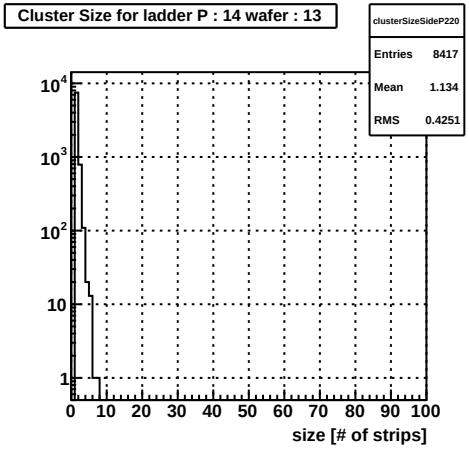

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2287
Mean 1.128
RMS 0.4598
size [# of strips]

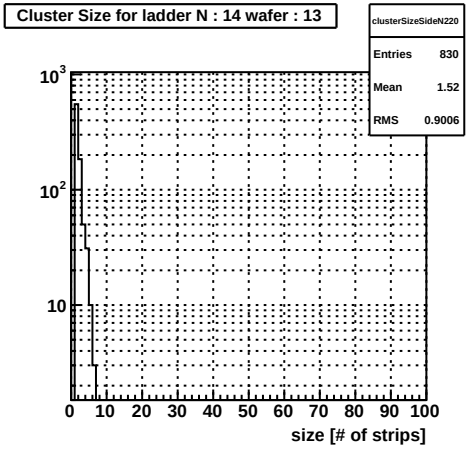

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2689
Mean 1.279
RMS 0.6491
size [# of strips]

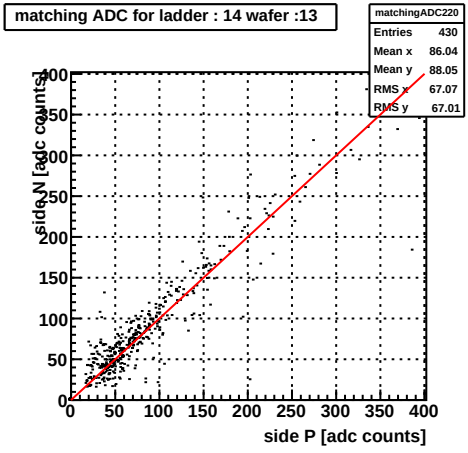

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 407
Mean x 80.43
Mean y 78.49
RMS x 68.41
RMS y 70.57
side N [adc counts]
side P [adc counts]

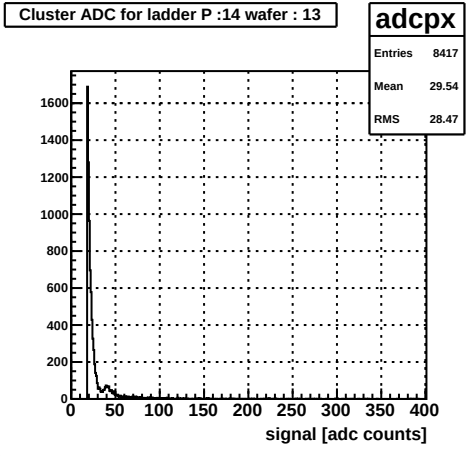

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2287
Mean 35.2
RMS 41.33
signal [adc counts]

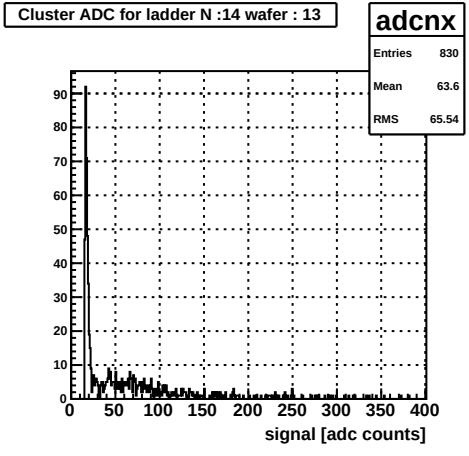

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2689
Mean 38.15
RMS 43.97
signal [adc counts]

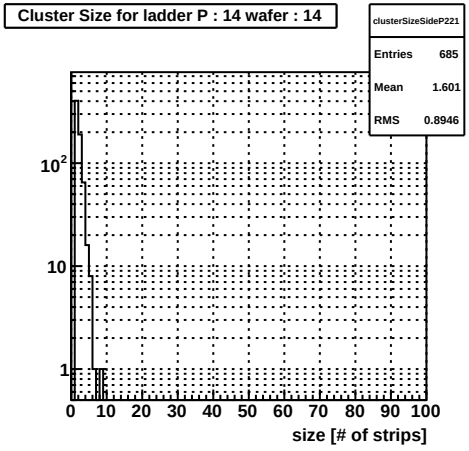

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8417
Mean 1.134
RMS 0.4251
size [# of strips]

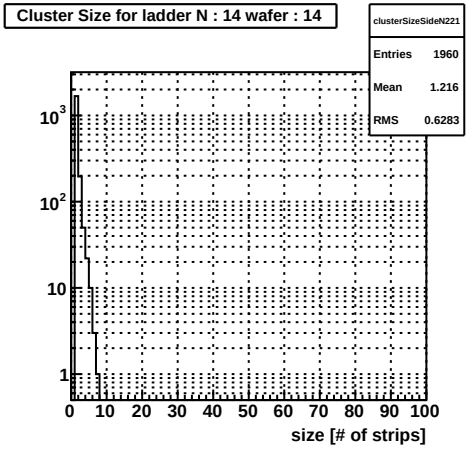

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 830
Mean 1.52
RMS 0.9006
size [# of strips]

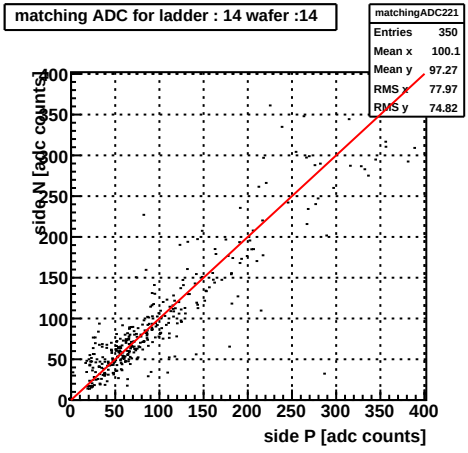

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 430
Mean x 86.04
Mean y 88.05
RMS x 67.07
RMS y 67.01
side N [adc counts]
side P [adc counts]

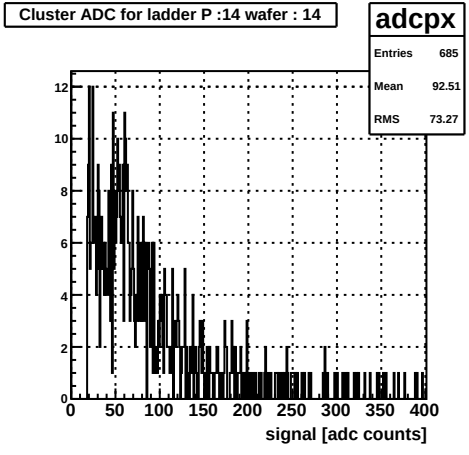

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8417
Mean 29.54
RMS 28.47
signal [adc counts]

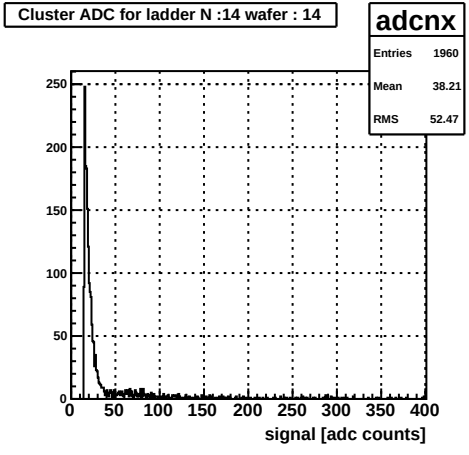

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 830
Mean 63.6
RMS 65.54
signal [adc counts]

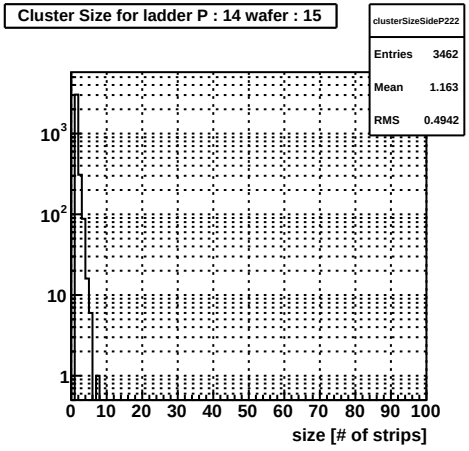

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 685
Mean 1.601
RMS 0.8946
size [# of strips]

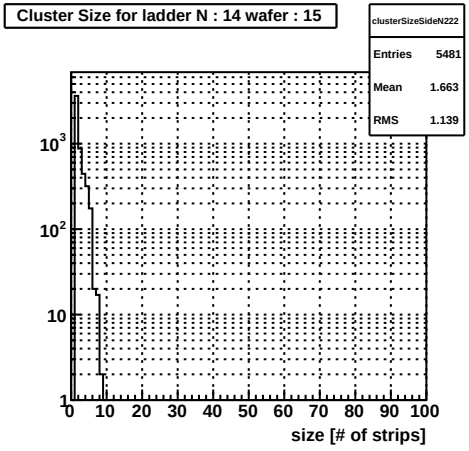

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1960
Mean 1.216
RMS 0.6283
size [# of strips]

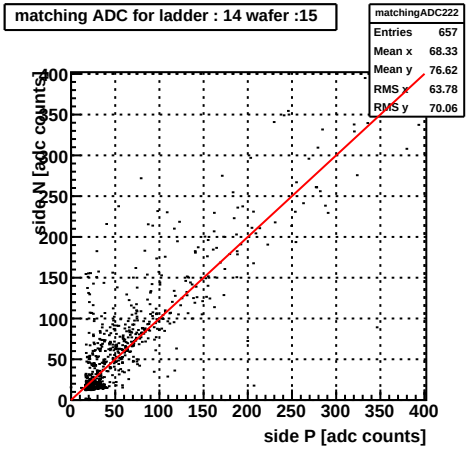

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 350
Mean x 100.1
Mean y 97.27
RMS x 77.97
RMS y 74.82
side N [adc counts]
side P [adc counts]

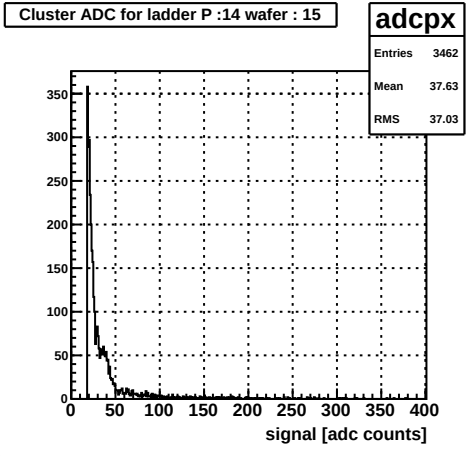

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 685
Mean 92.51
RMS 73.27
signal [adc counts]

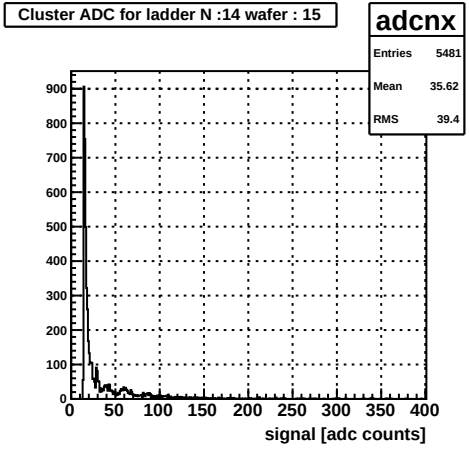

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1960
Mean 38.21
RMS 52.47
signal [adc counts]

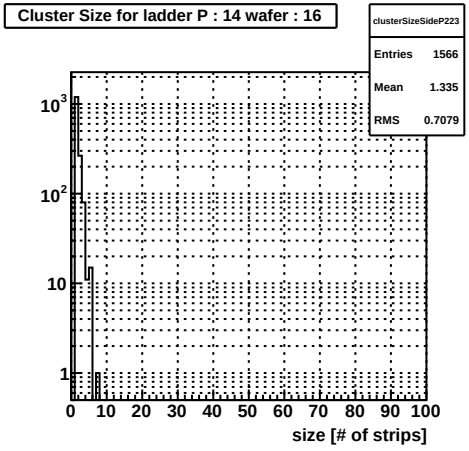

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3462
Mean 1.163
RMS 0.4942
size [# of strips]

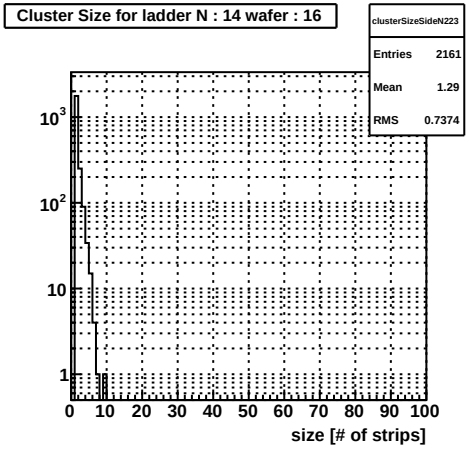

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5481
Mean 1.663
RMS 1.139
size [# of strips]

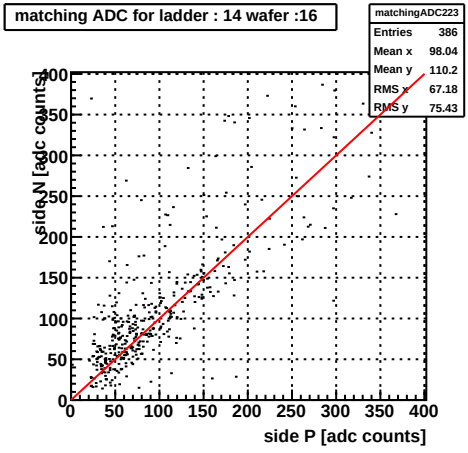

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 657
Mean x 68.33
Mean y 76.62
RMS x 63.78
RMS y 70.06
side N [adc counts]
side P [adc counts]

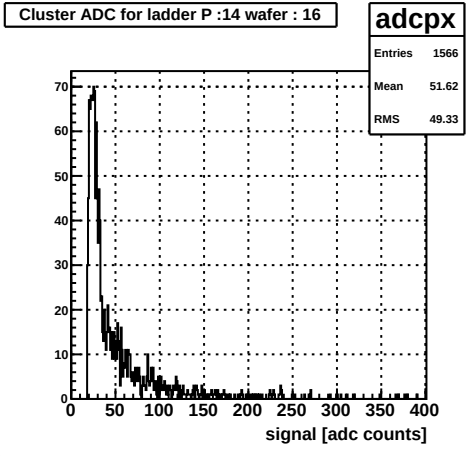

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3462
Mean 37.63
RMS 37.03
signal [adc counts]

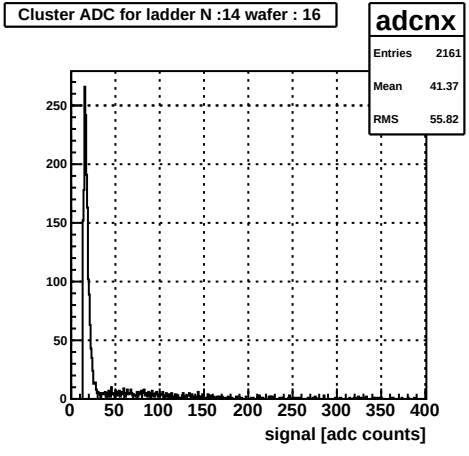

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5481
Mean 35.62
RMS 39.4
signal [adc counts]

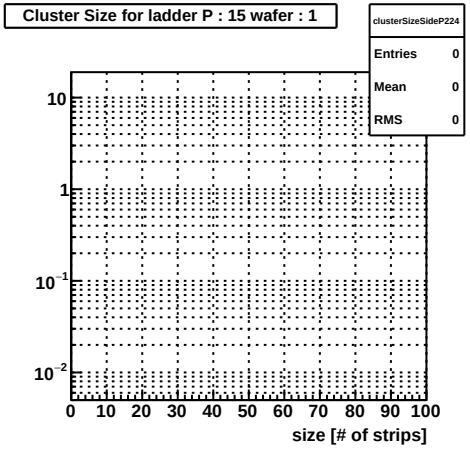

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1566
Mean 1.335
RMS 0.7079
size [# of strips]

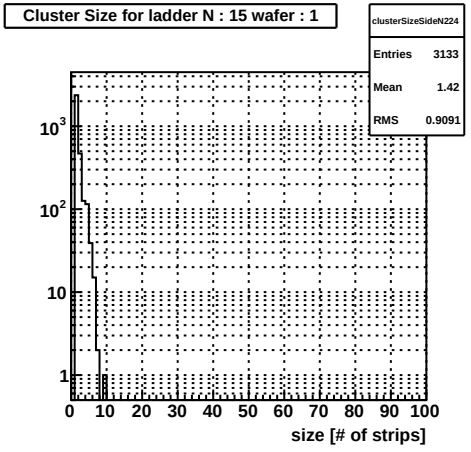

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2161
Mean 1.29
RMS 0.7374
size [# of strips]

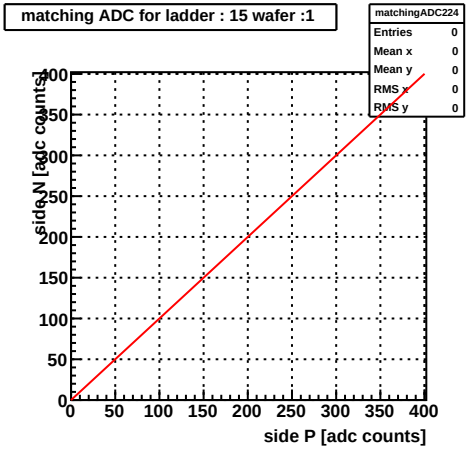

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 386
Mean x 98.04
Mean y 110.2
RMS x 67.18
RMS y 75.43
side N [adc counts]
side P [adc counts]

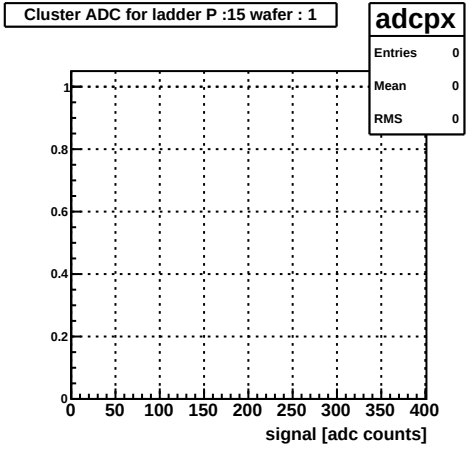

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1566
Mean 51.62
RMS 49.33
signal [adc counts]

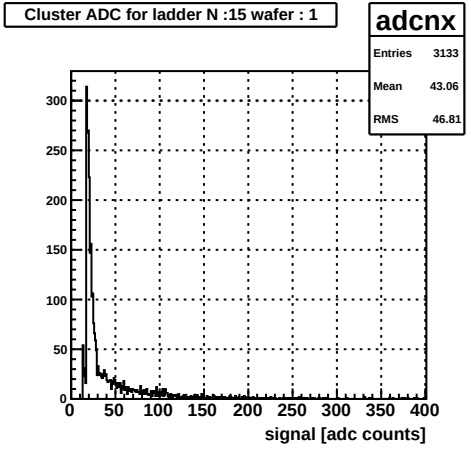

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2161
Mean 41.37
RMS 55.82
signal [adc counts]

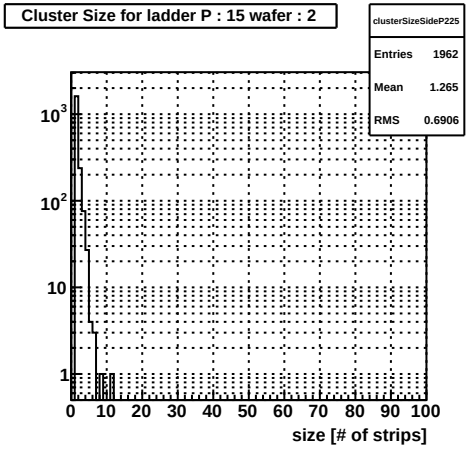

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

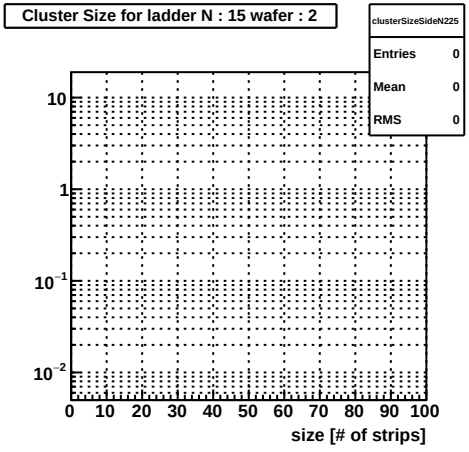

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3133
Mean 1.42
RMS 0.9091
size [# of strips]

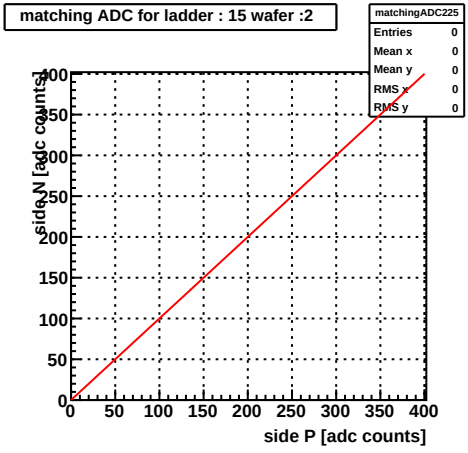

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

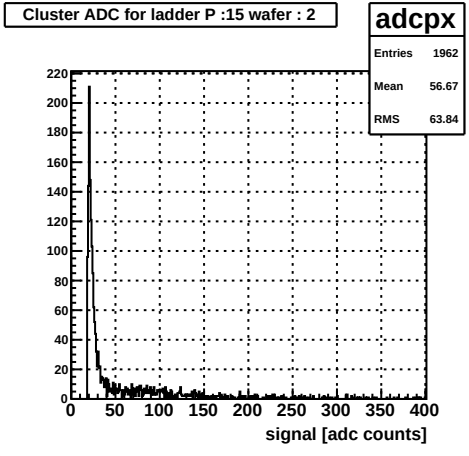

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

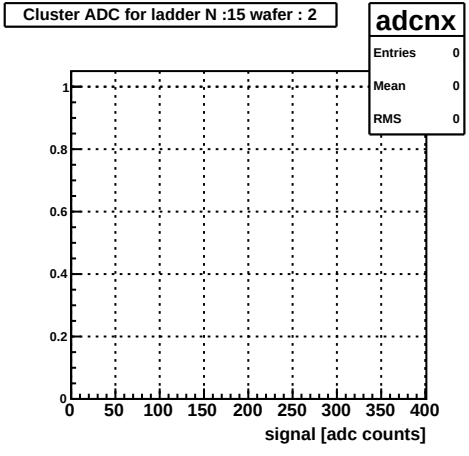

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3133
Mean 43.06
RMS 46.81
signal [adc counts]

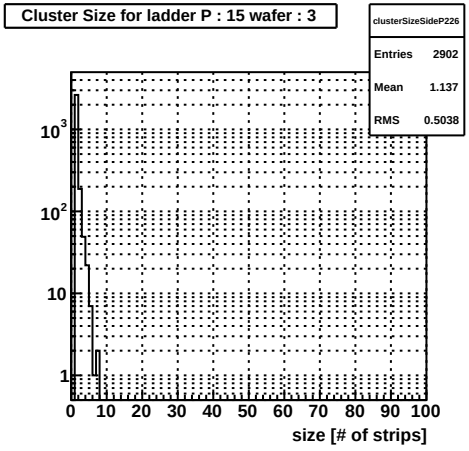

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1962
Mean 1.265
RMS 0.6906
size [# of strips]

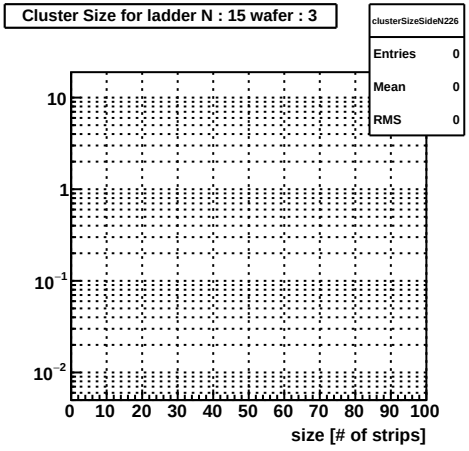

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

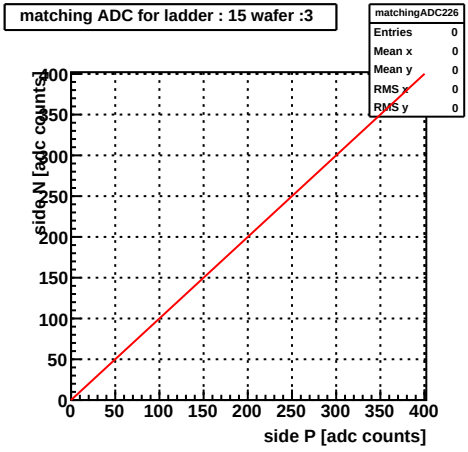

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

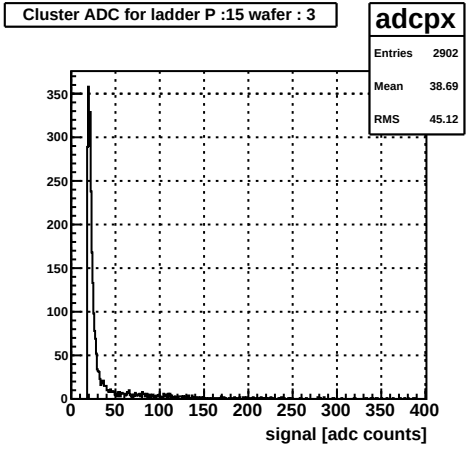

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1962
Mean 56.67
RMS 63.84
signal [adc counts]

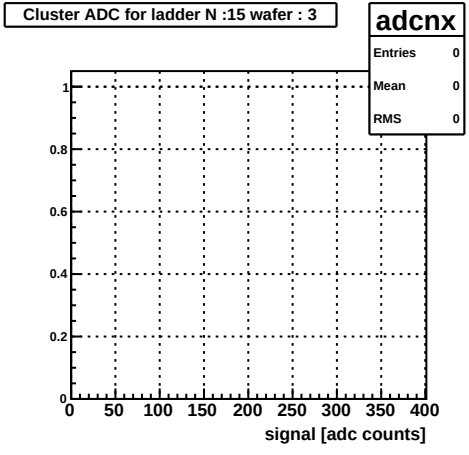

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

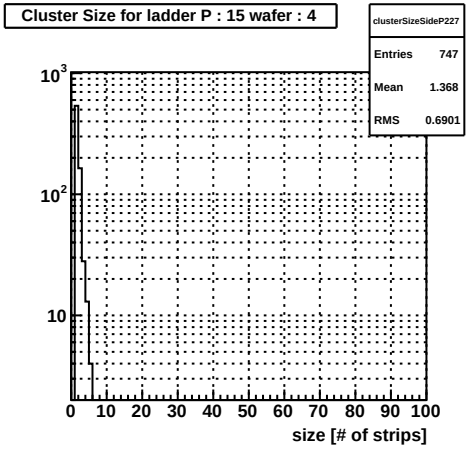

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2902
Mean 1.137
RMS 0.5038
size [# of strips]

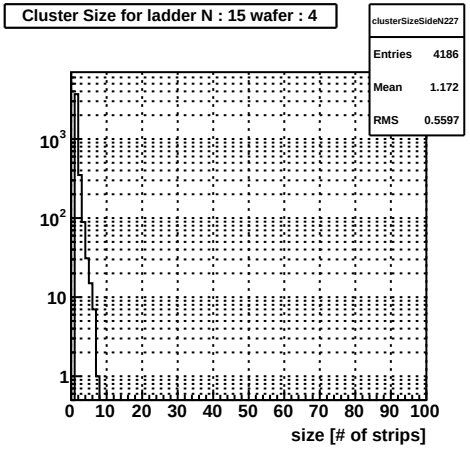

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

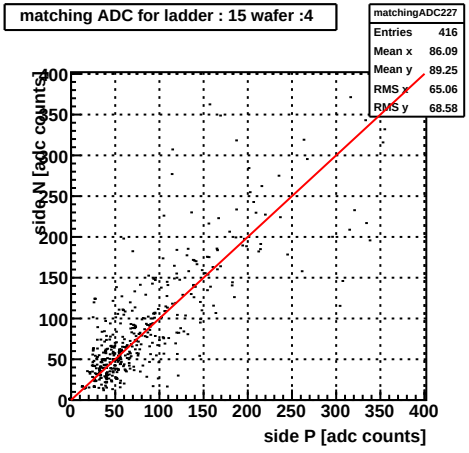

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

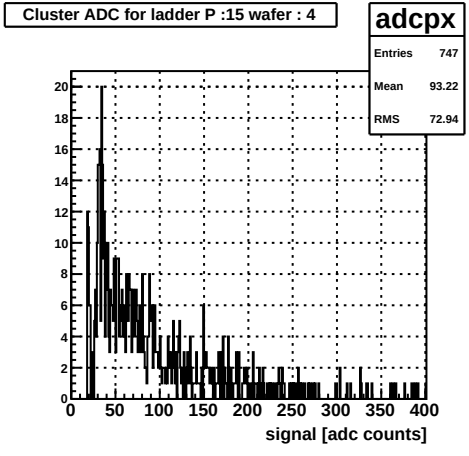

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2902
Mean 38.69
RMS 45.12
signal [adc counts]

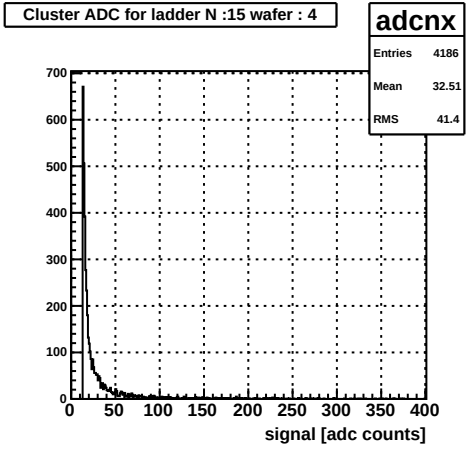

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

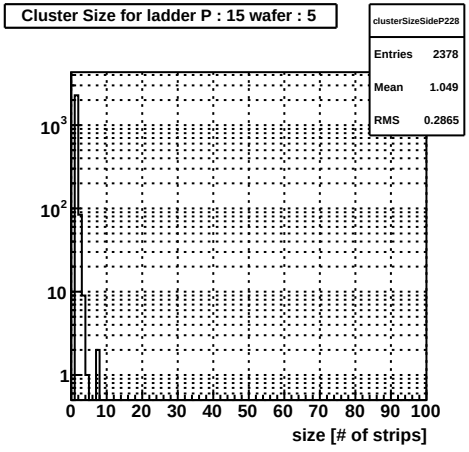

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 747
Mean 1.368
RMS 0.6901
size [# of strips]

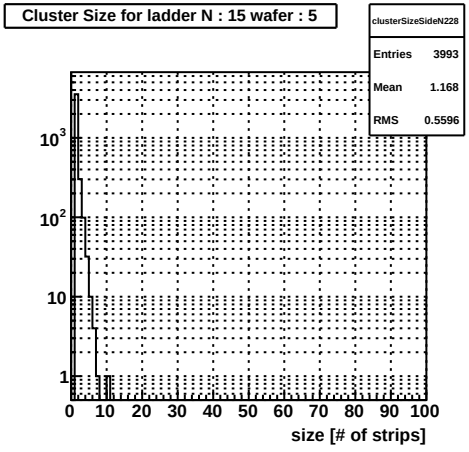

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 4186
Mean 1.172
RMS 0.5597
size [# of strips]

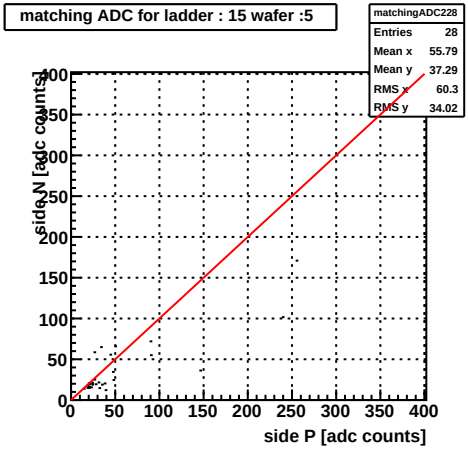

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 416
Mean x 86.09
Mean y 89.25
RMS x 65.06
RMS y 68.58
side N [adc counts]
side P [adc counts]

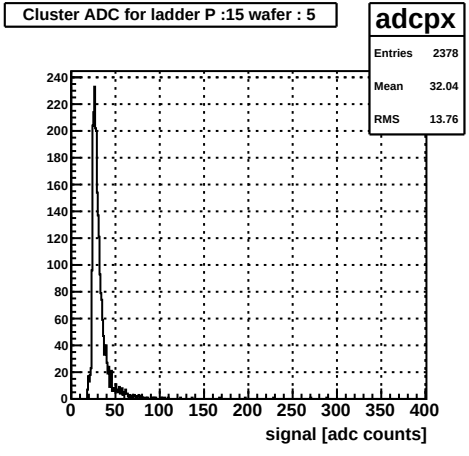

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 747
Mean 93.22
RMS 72.94
signal [adc counts]

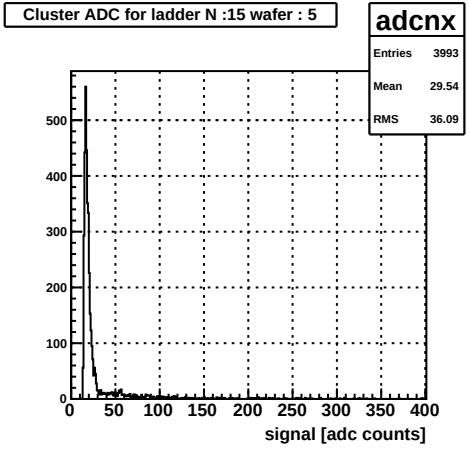

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 4186
Mean 32.51
RMS 41.4
signal [adc counts]

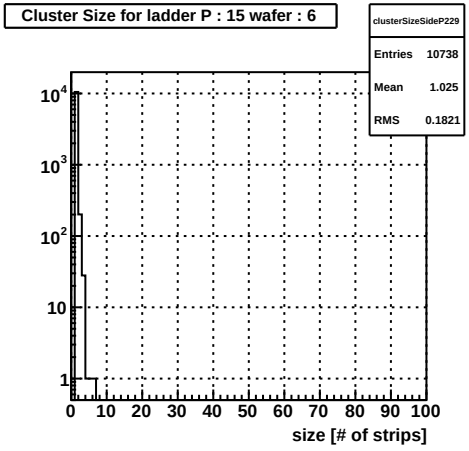

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2378
Mean 1.049
RMS 0.2865
size [# of strips]

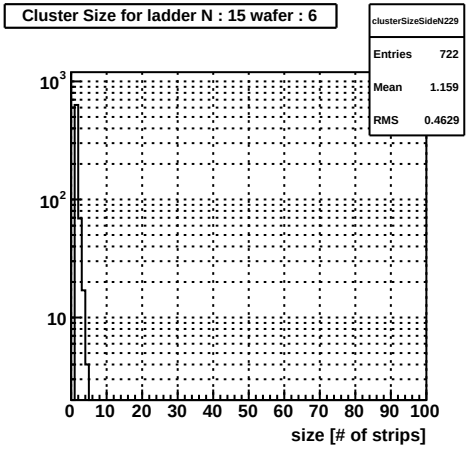

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 3993
Mean 1.168
RMS 0.5596
size [# of strips]

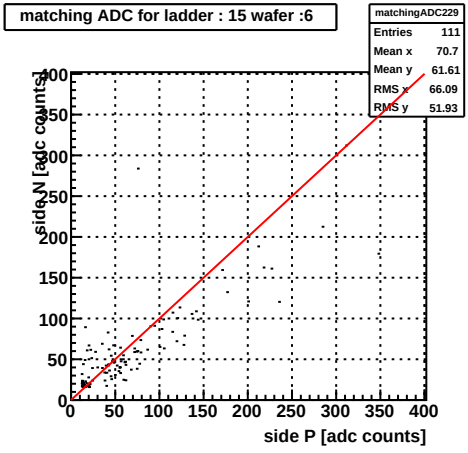

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 28
Mean x 55.79
Mean y 37.29
RMS x 60.3
RMS y 34.02
side N [adc counts]
side P [adc counts]

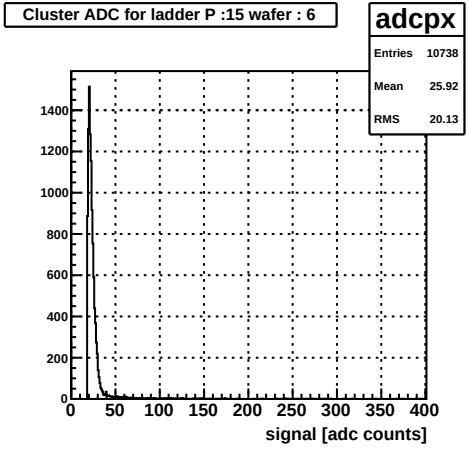

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2378
Mean 32.04
RMS 13.76
signal [adc counts]

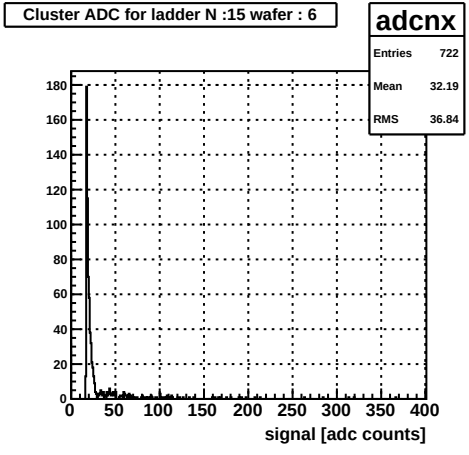

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 3993
Mean 29.54
RMS 36.09
signal [adc counts]

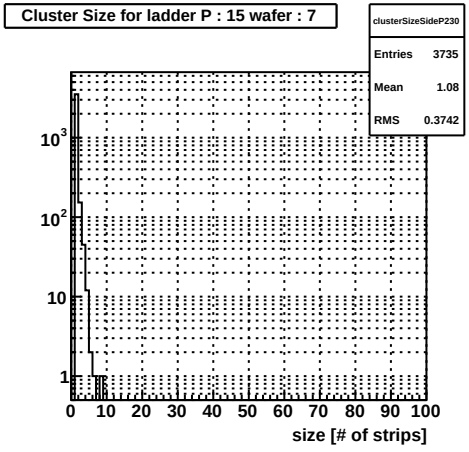

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10738
Mean 1.025
RMS 0.1821
size [# of strips]

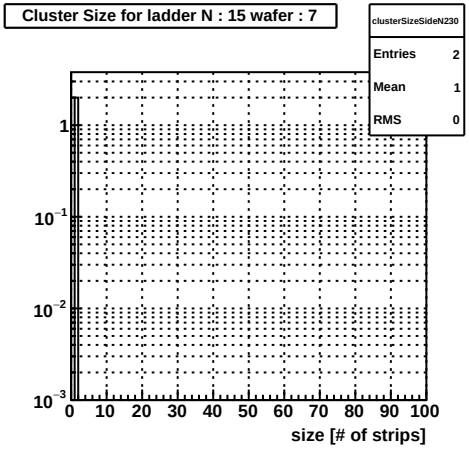

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 722
Mean 1.159
RMS 0.4629
size [# of strips]

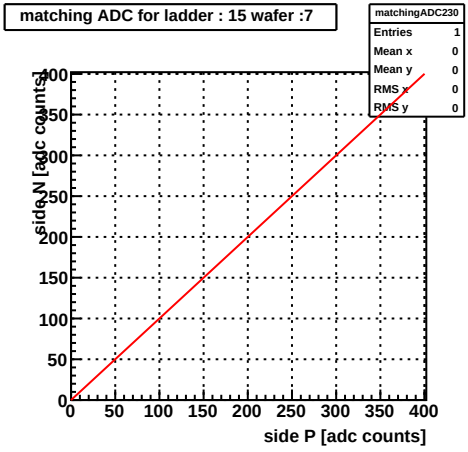

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 111
Mean x 70.7
Mean y 61.61
RMS x 66.09
RMS y 51.93
side N [adc counts]
side P [adc counts]

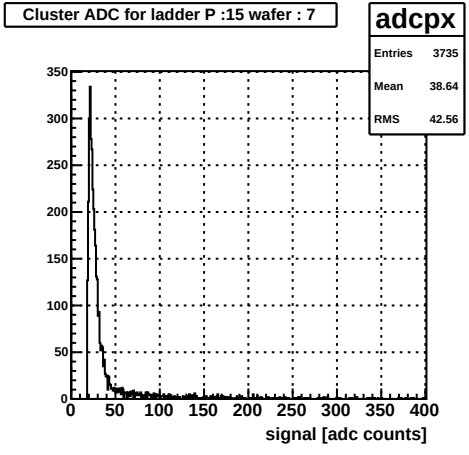

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10738
Mean 25.92
RMS 20.13
signal [adc counts]

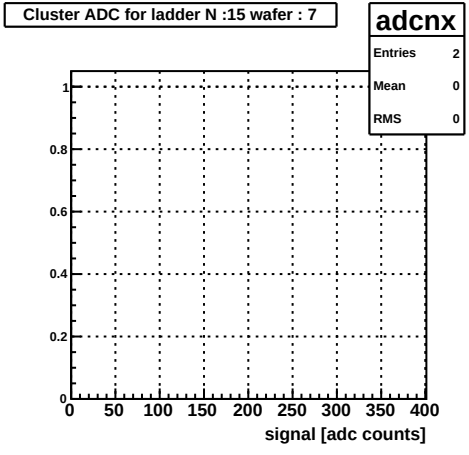

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 722
Mean 32.19
RMS 36.84
signal [adc counts]

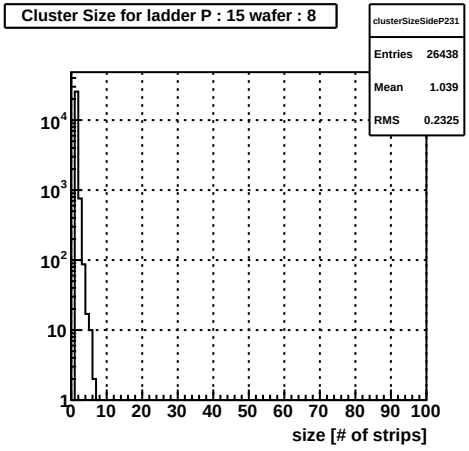

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3735
Mean 1.08
RMS 0.3742
size [# of strips]

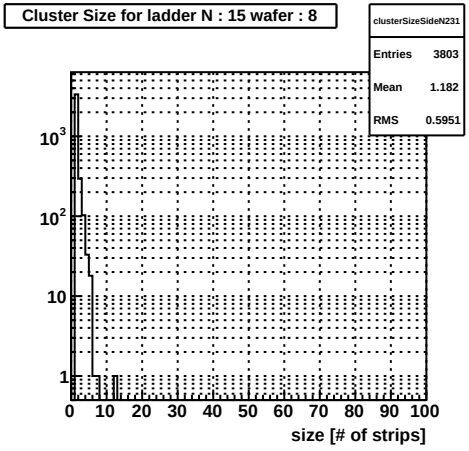

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

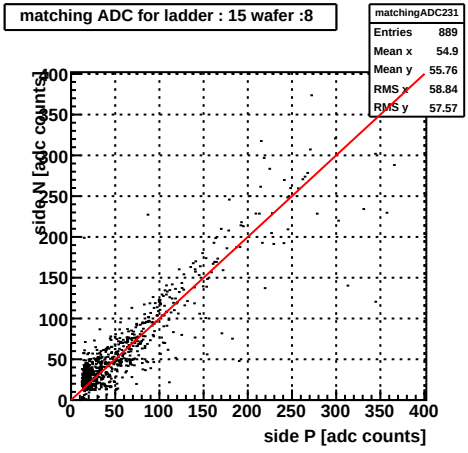

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

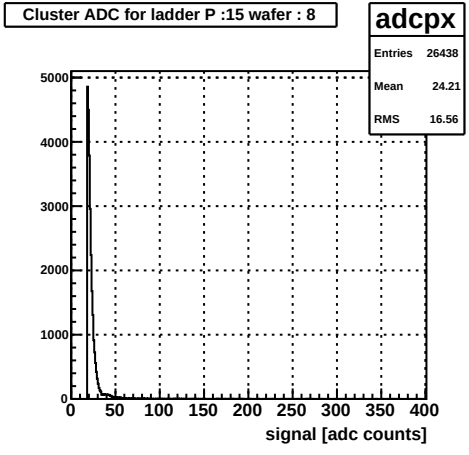

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3735
Mean 38.64
RMS 42.56
signal [adc counts]

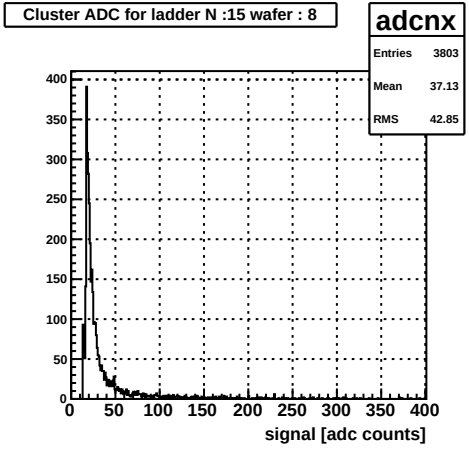

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

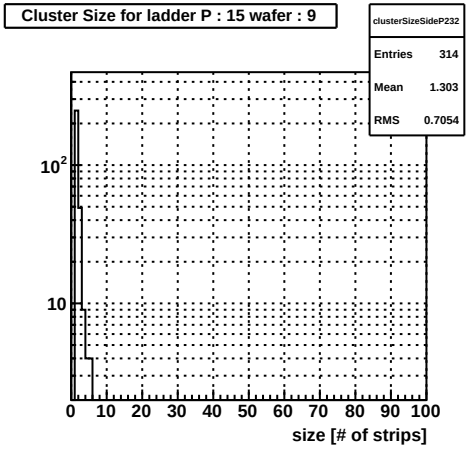

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 26438
Mean 1.039
RMS 0.2325
size [# of strips]

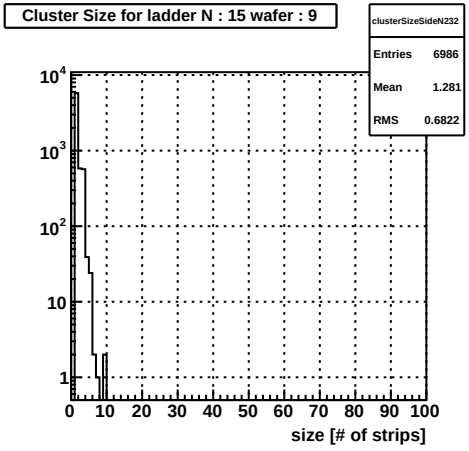

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3803
Mean 1.182
RMS 0.5951
size [# of strips]

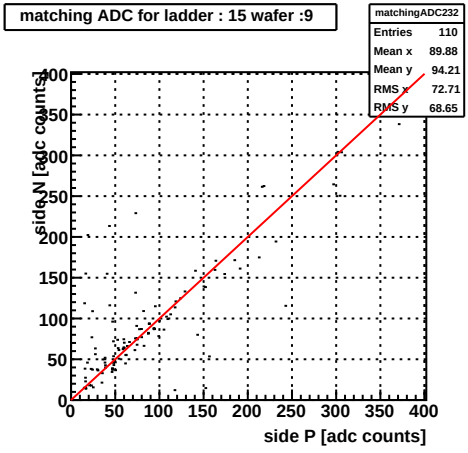

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 889
Mean x 54.9
Mean y 55.76
RMS x 58.84
RMS y 57.57
side N [adc counts]
side P [adc counts]

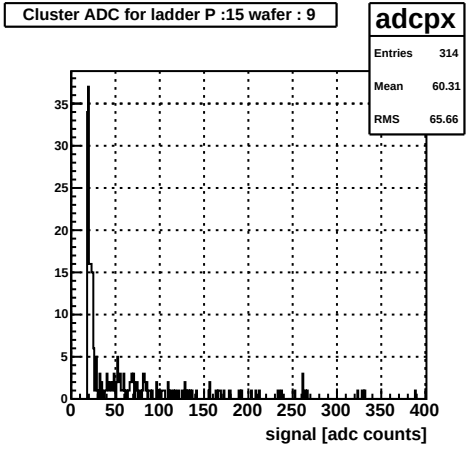

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 26438
Mean 24.21
RMS 16.56
signal [adc counts]

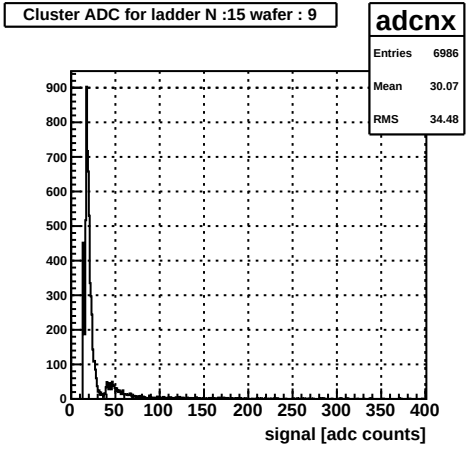

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3803
Mean 37.13
RMS 42.85
signal [adc counts]

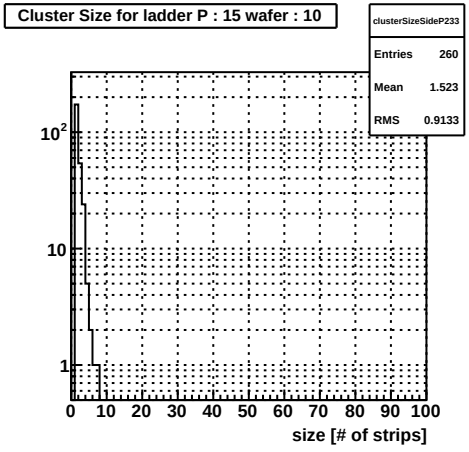

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 314
Mean 1.303
RMS 0.7054
size [# of strips]

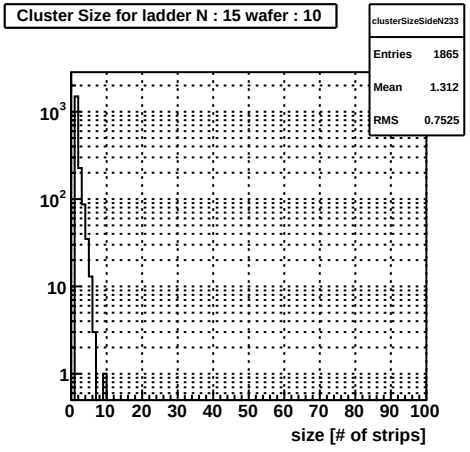

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 6986
Mean 1.281
RMS 0.6822
size [# of strips]

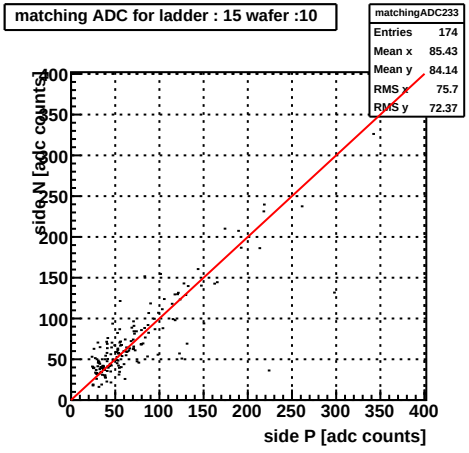

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 110
Mean x 89.88
Mean y 94.21
RMS x 72.71
RMS y 68.65
side N [adc counts]
side P [adc counts]

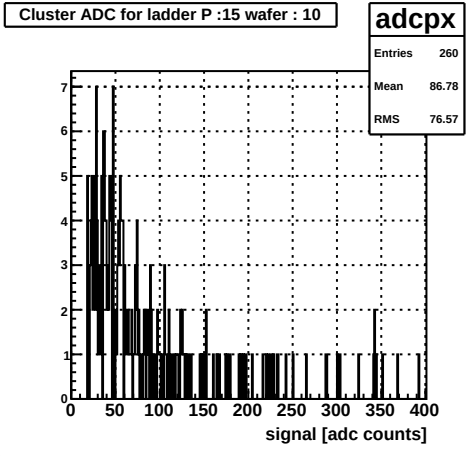

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 314
Mean 60.31
RMS 65.66
signal [adc counts]

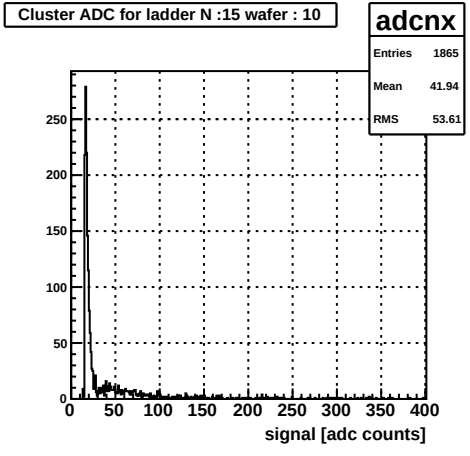

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 6986
Mean 30.07
RMS 34.48
signal [adc counts]

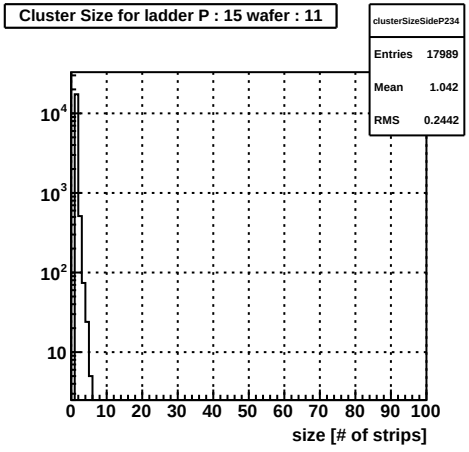

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 260
Mean 1.523
RMS 0.9133
size [# of strips]

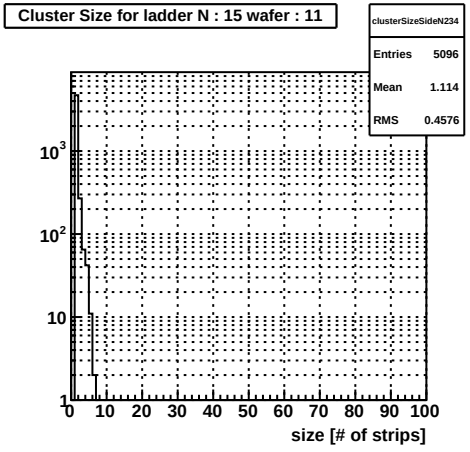

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1865
Mean 1.312
RMS 0.7525
size [# of strips]

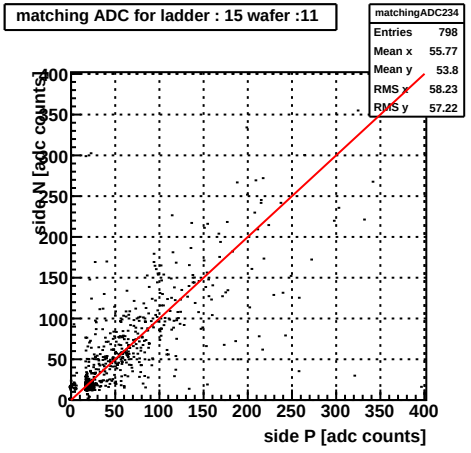

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 174
Mean x 85.43
Mean y 84.14
RMS x 75.7
RMS y 72.37
side N [adc counts]
side P [adc counts]

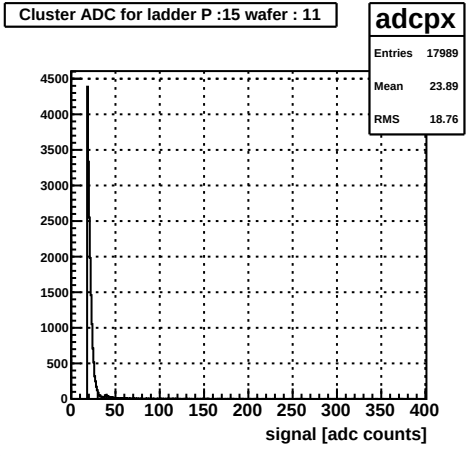

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 260
Mean 86.78
RMS 76.57
signal [adc counts]

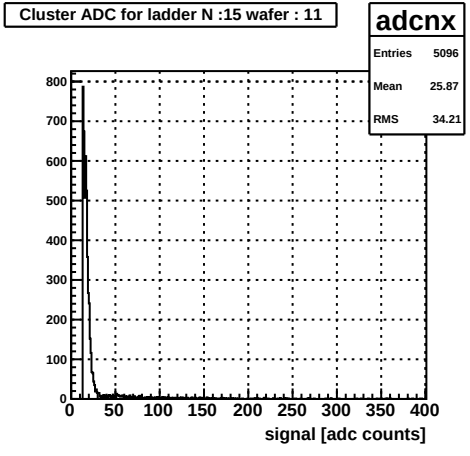

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1865
Mean 41.94
RMS 53.61
signal [adc counts]

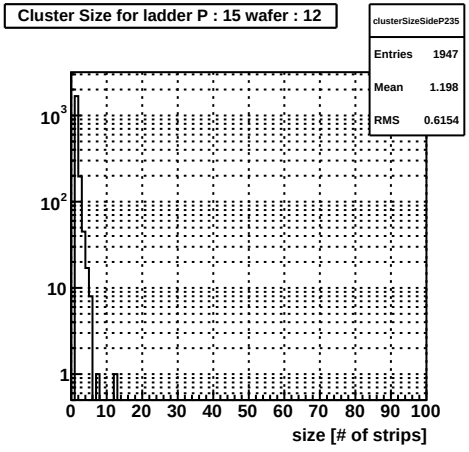

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 17989
Mean 1.042
RMS 0.2442
size [# of strips]

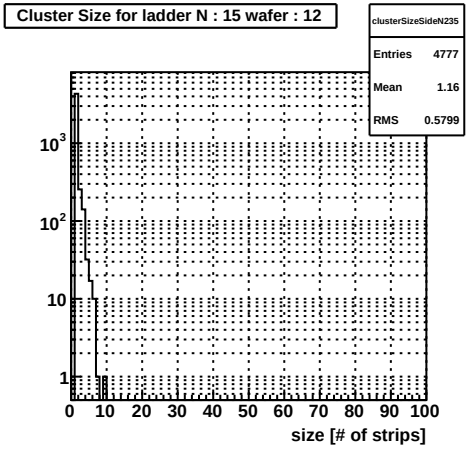

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5096
Mean 1.114
RMS 0.4576
size [# of strips]

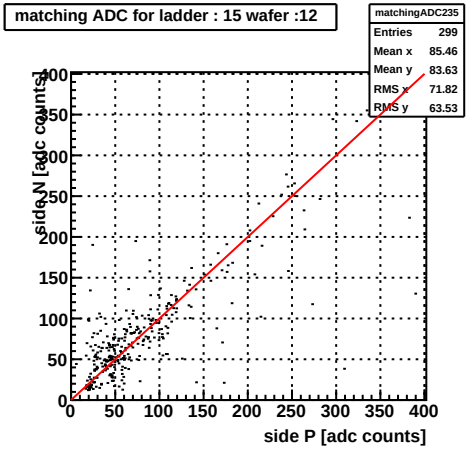

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 798
Mean x 55.77
Mean y 53.8
RMS x 58.23
RMS y 57.22
side N [adc counts]
side P [adc counts]

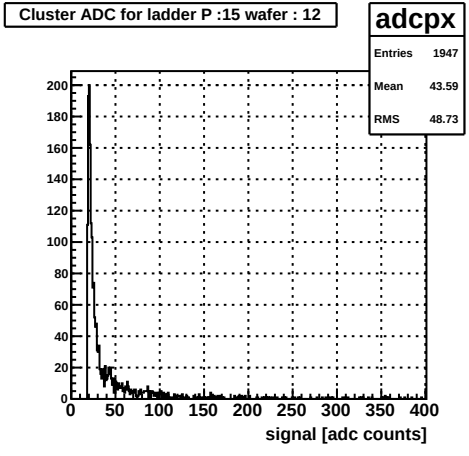

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 17989
Mean 23.89
RMS 18.76
signal [adc counts]

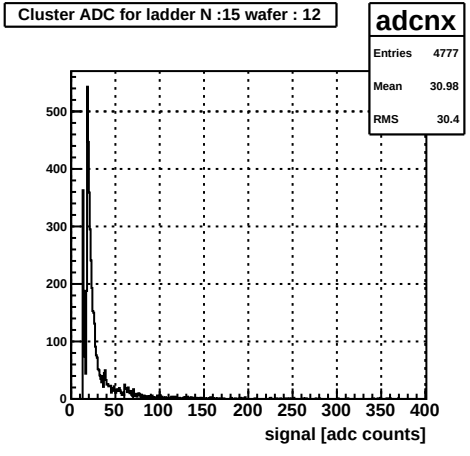

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5096
Mean 25.87
RMS 34.21
signal [adc counts]

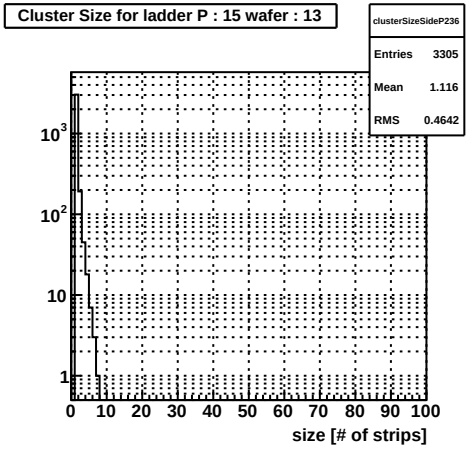

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1947
Mean 1.198
RMS 0.6154
size [# of strips]

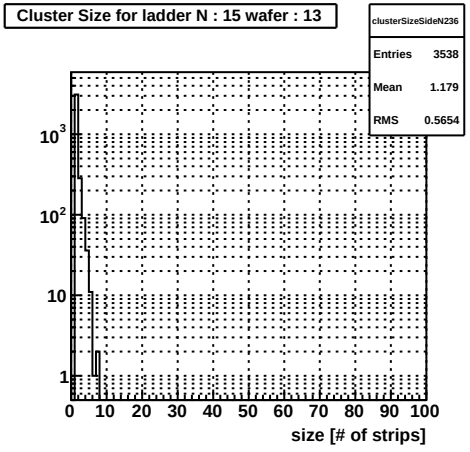

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4777
Mean 1.16
RMS 0.5799
size [# of strips]

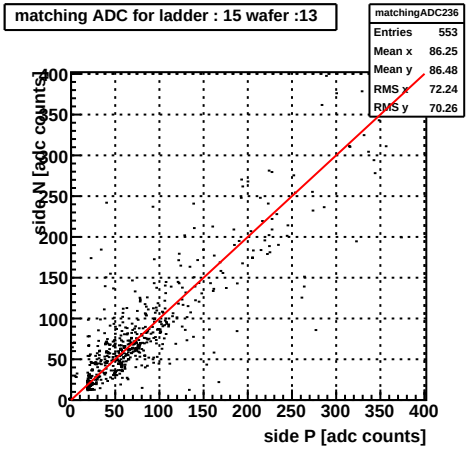

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 299
Mean x 85.46
Mean y 83.63
RMS x 71.82
RMS y 63.53
side N [adc counts]
side P [adc counts]

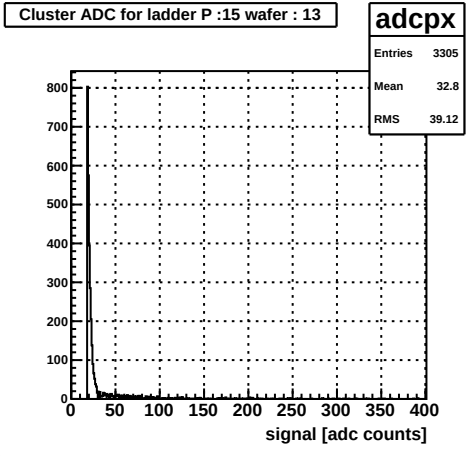

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1947
Mean 43.59
RMS 48.73
signal [adc counts]

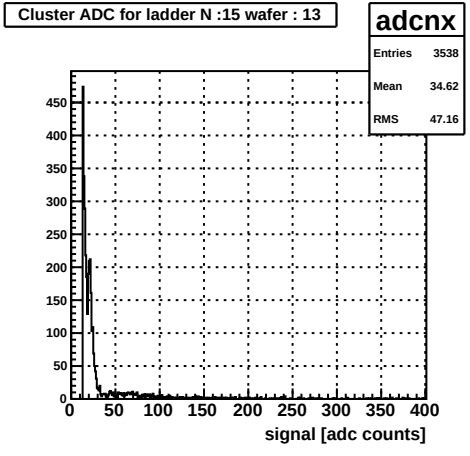

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4777
Mean 30.98
RMS 30.4
signal [adc counts]

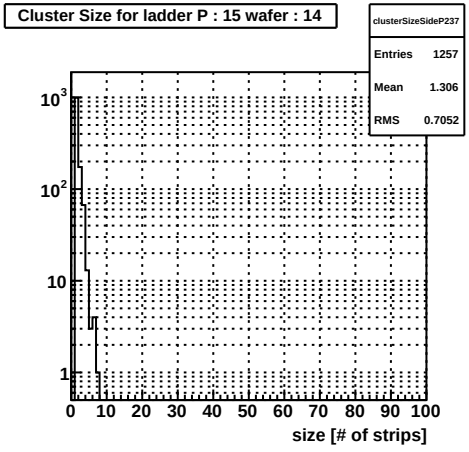

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3305
Mean 1.116
RMS 0.4642
size [# of strips]

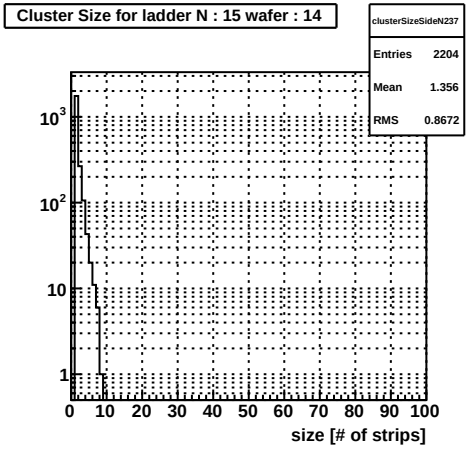

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3538
Mean 1.179
RMS 0.5654
size [# of strips]

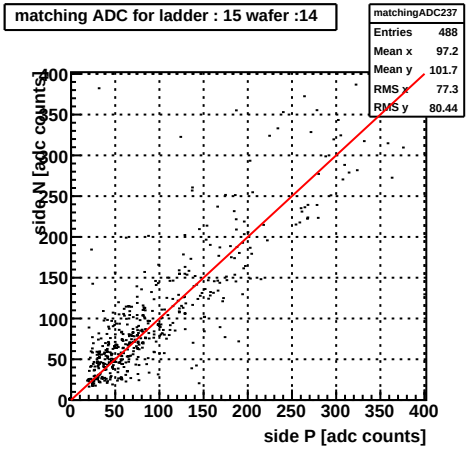

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 553
Mean x 86.25
Mean y 86.48
RMS x 72.24
RMS y 70.26
side N [adc counts]
side P [adc counts]

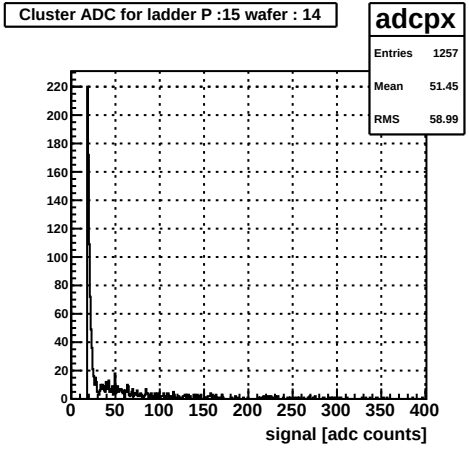

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3305
Mean 32.8
RMS 39.12
signal [adc counts]

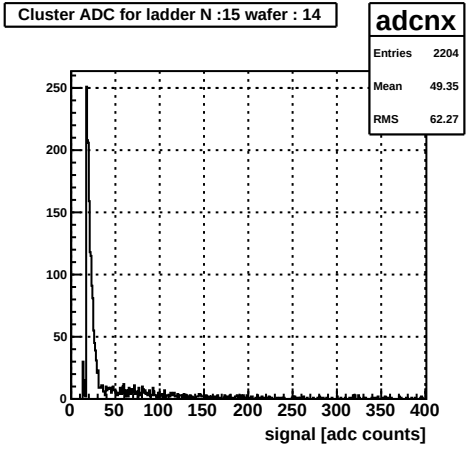

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3538
Mean 34.62
RMS 47.16
signal [adc counts]

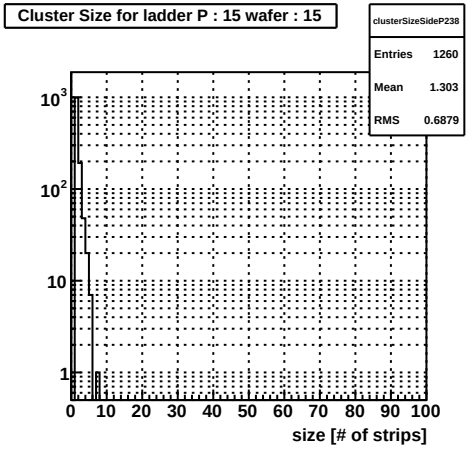

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1257
Mean 1.306
RMS 0.7052
size [# of strips]

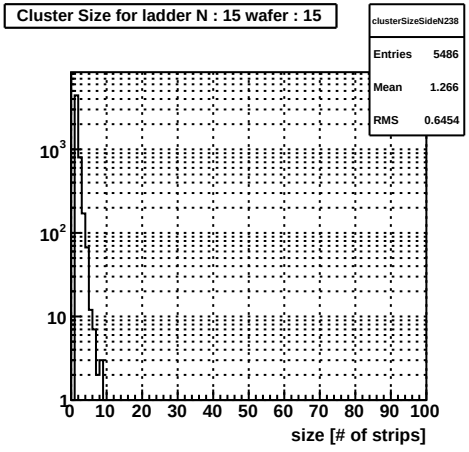

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2204
Mean 1.356
RMS 0.8672
size [# of strips]

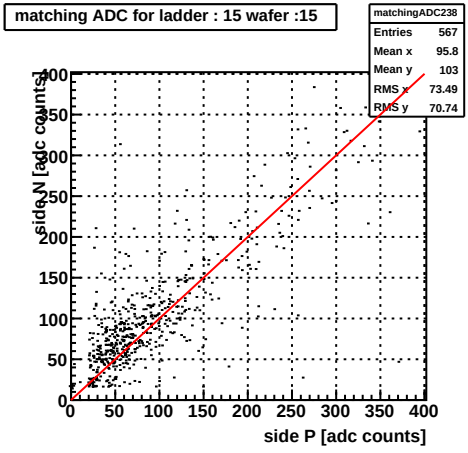

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 488
Mean x 97.2
Mean y 101.7
RMS x 77.3
RMS y 80.44
side N [adc counts]
side P [adc counts]

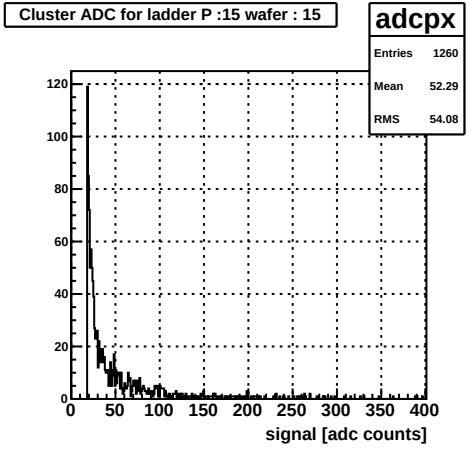

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1257
Mean 51.45
RMS 58.99
signal [adc counts]

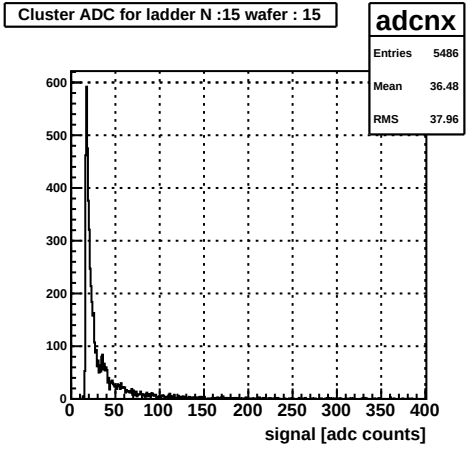

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2204
Mean 49.35
RMS 62.27
signal [adc counts]

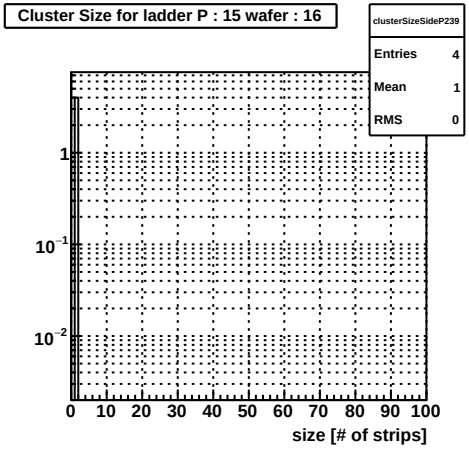

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1260
Mean 1.303
RMS 0.6879
size [# of strips]

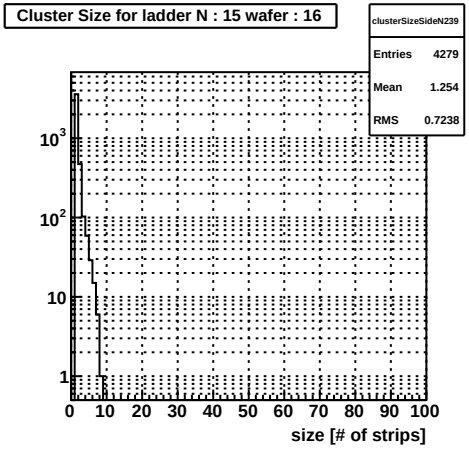

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5486
Mean 1.266
RMS 0.6454
size [# of strips]

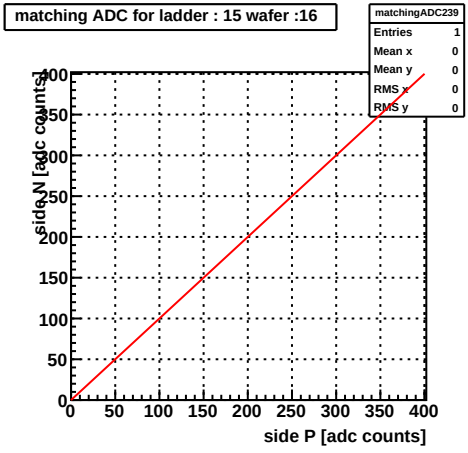

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 567
Mean x 95.8
Mean y 103
RMS x 73.49
RMS y 70.74
side N [adc counts]
side P [adc counts]

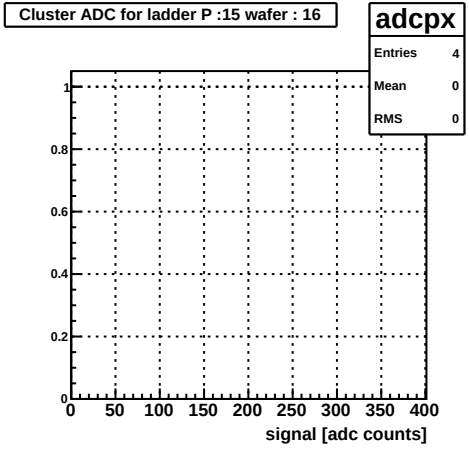

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1260
Mean 52.29
RMS 54.08
signal [adc counts]

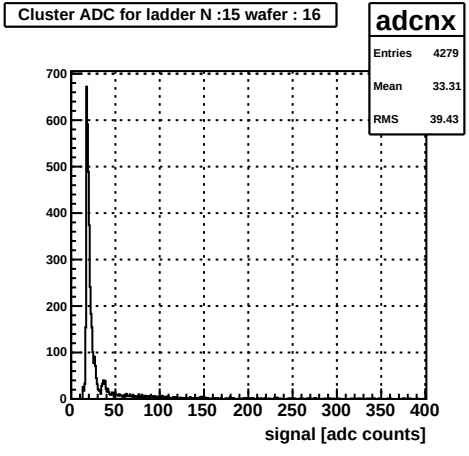

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5486
Mean 36.48
RMS 37.96
signal [adc counts]

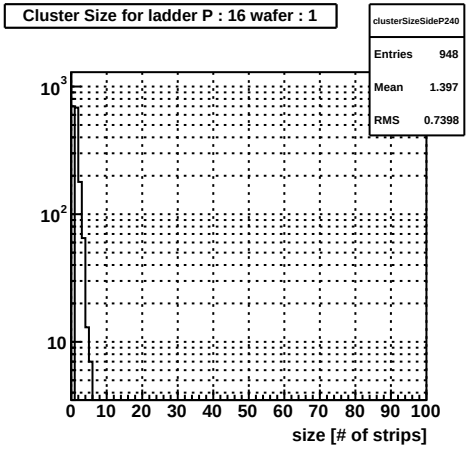

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1
RMS 0
size [# of strips]

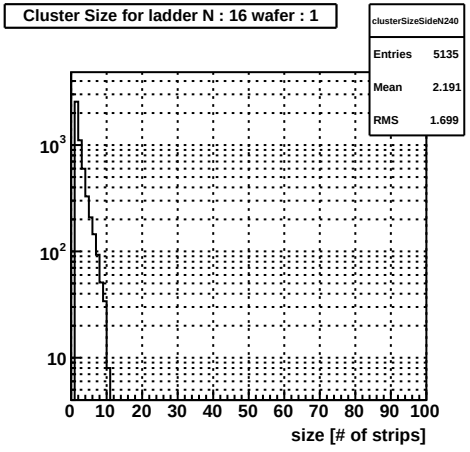

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4279
Mean 1.254
RMS 0.7238
size [# of strips]

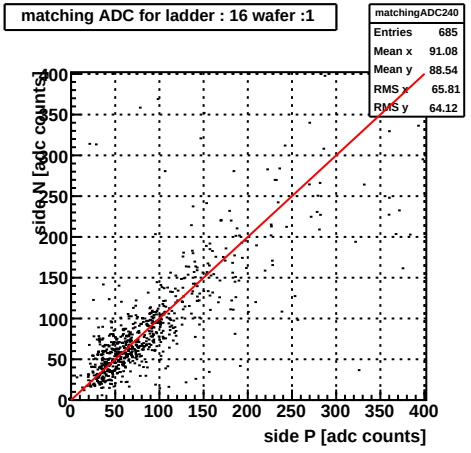

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

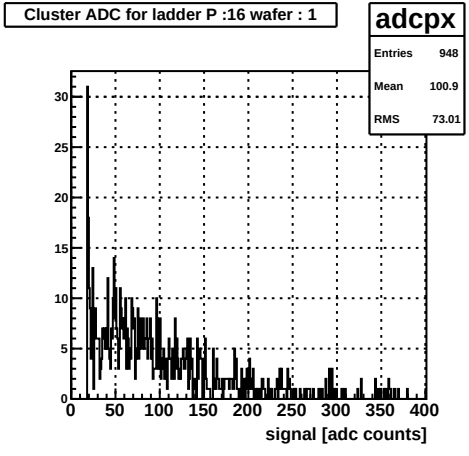

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

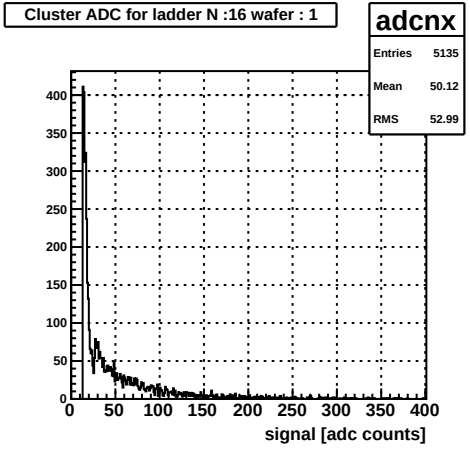

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4279
Mean 33.31
RMS 39.43
signal [adc counts]

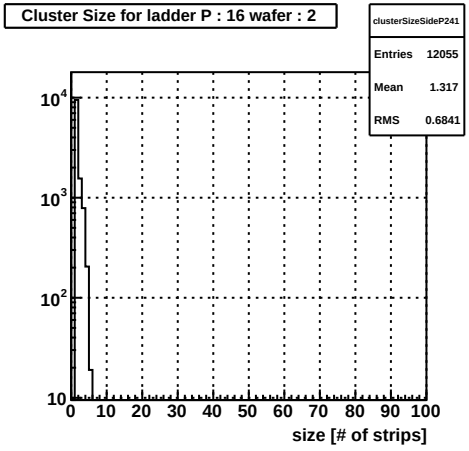

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 948
Mean 1.397
RMS 0.7398
size [# of strips]

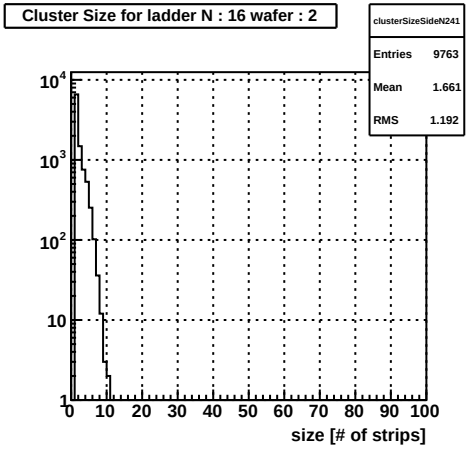

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5135
Mean 2.191
RMS 1.699
size [# of strips]

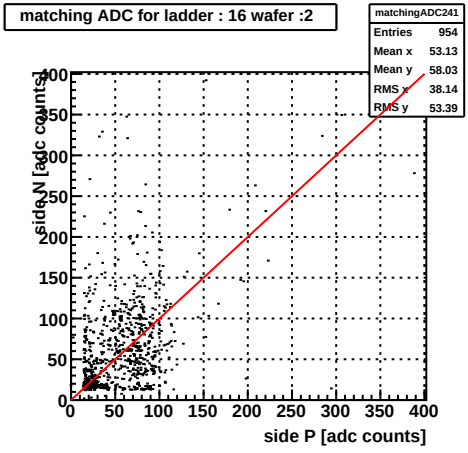

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 685
Mean x 91.08
Mean y 88.54
RMS x 65.81
RMS y 64.12
side N [adc counts]
side P [adc counts]

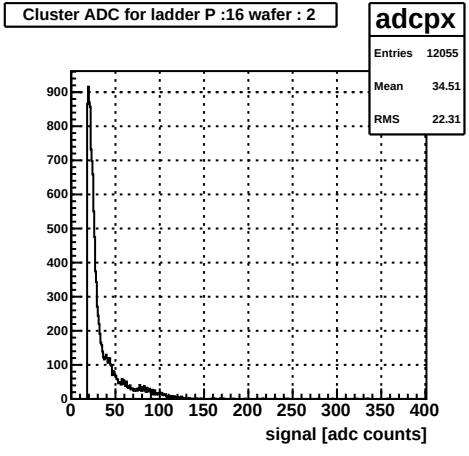

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 948
Mean 100.9
RMS 73.01
signal [adc counts]

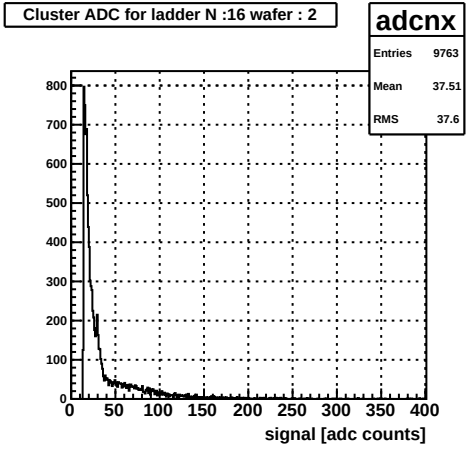

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5135
Mean 50.12
RMS 52.99
signal [adc counts]

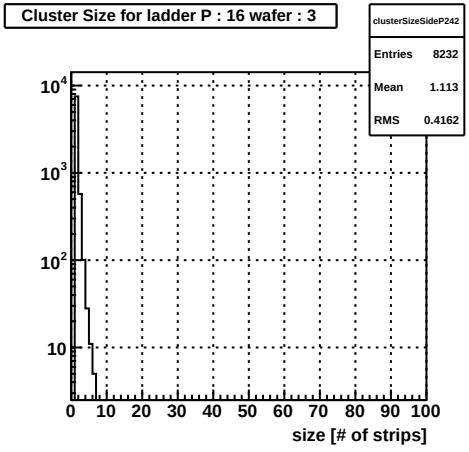

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 12055
Mean 1.317
RMS 0.6841
size [# of strips]

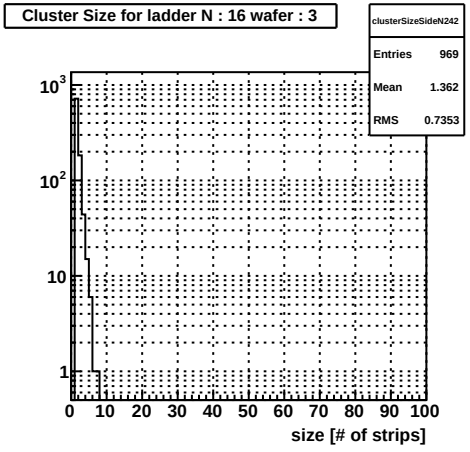

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 9763
Mean 1.661
RMS 1.192
size [# of strips]

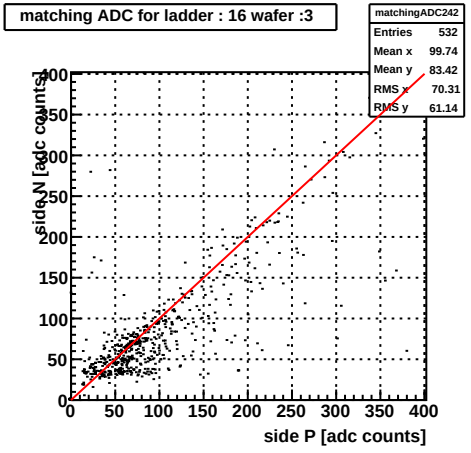

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 954
Mean x 53.13
Mean y 58.03
RMS x 38.14
RMS y 53.39
side N [adc counts]
side P [adc counts]

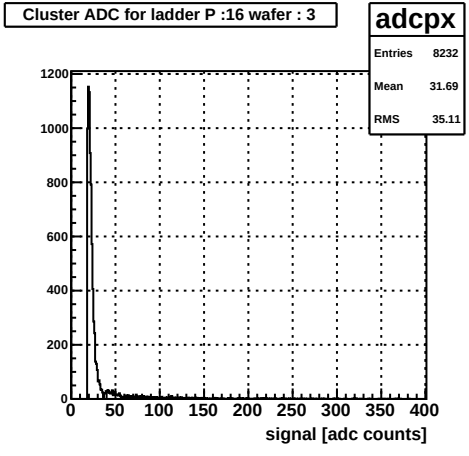

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 12055
Mean 34.51
RMS 22.31
signal [adc counts]

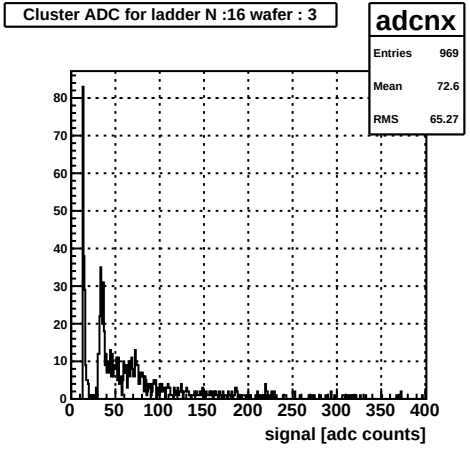

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 9763
Mean 37.51
RMS 37.6
signal [adc counts]

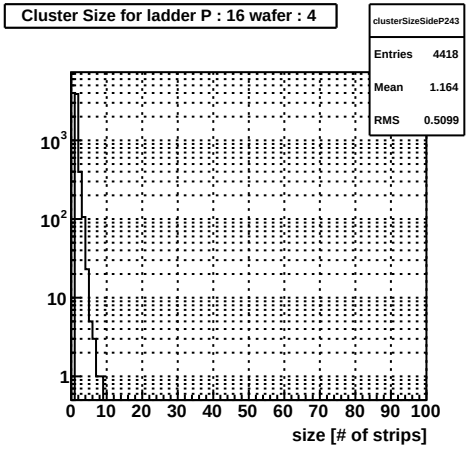

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8232
Mean 1.113
RMS 0.4162
size [# of strips]

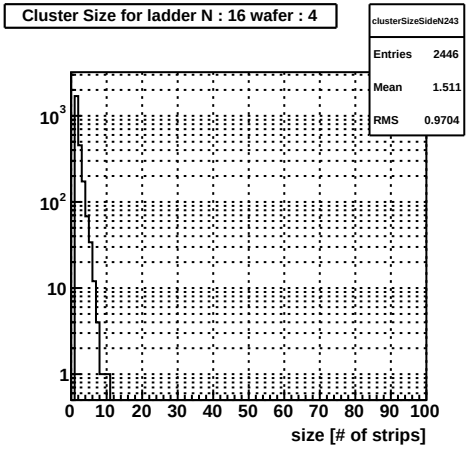

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 969
Mean 1.362
RMS 0.7353
size [# of strips]

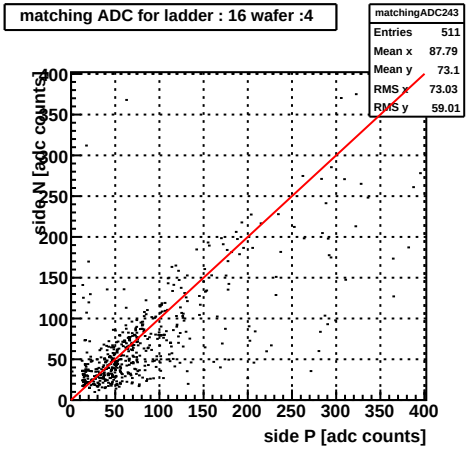

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 532
Mean x 99.74
Mean y 83.42
RMS x 70.31
RMS y 61.14
side N [adc counts]
side P [adc counts]

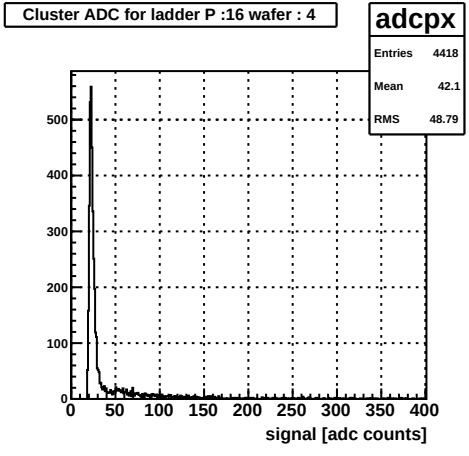

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8232
Mean 31.69
RMS 35.11
signal [adc counts]

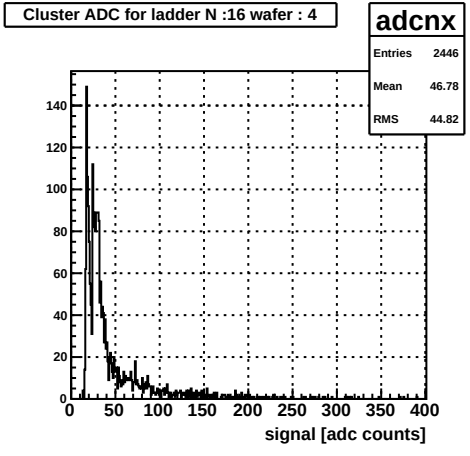

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 969
Mean 72.6
RMS 65.27
signal [adc counts]

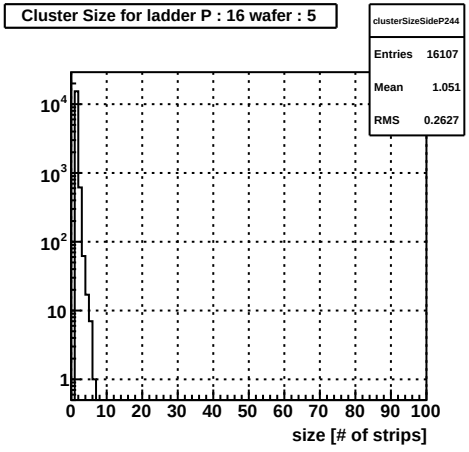

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4418
Mean 1.164
RMS 0.5099
size [# of strips]

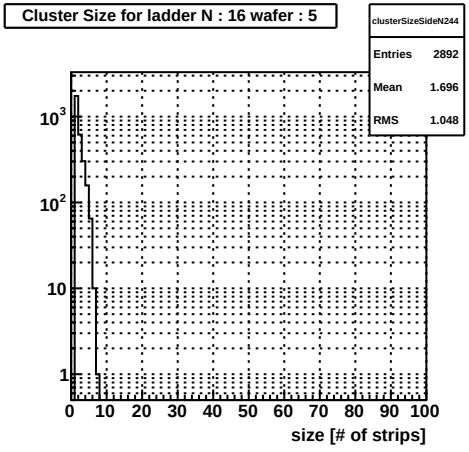

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2446
Mean 1.511
RMS 0.9704
size [# of strips]

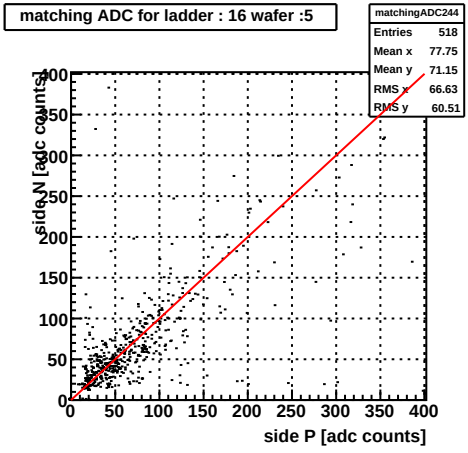

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 511
Mean x 87.79
Mean y 73.1
RMS x 73.03
RMS y 59.01
side N [adc counts]
side P [adc counts]

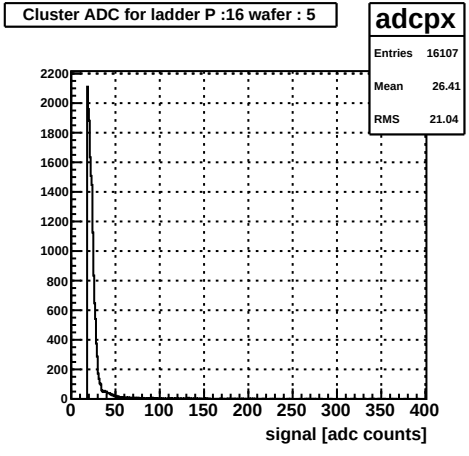

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4418
Mean 42.1
RMS 48.79
signal [adc counts]

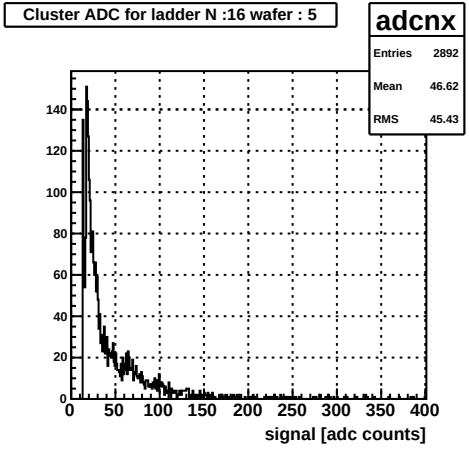

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2446
Mean 46.78
RMS 44.82
signal [adc counts]

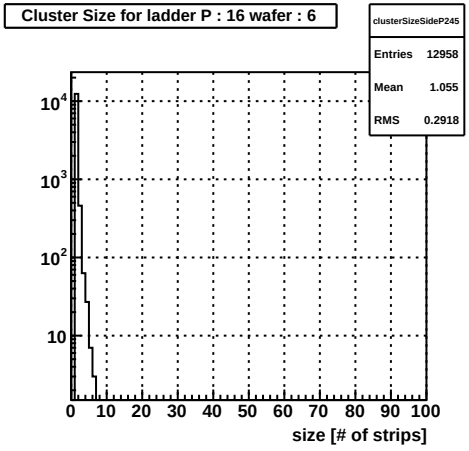

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 16107
Mean 1.051
RMS 0.2627
size [# of strips]

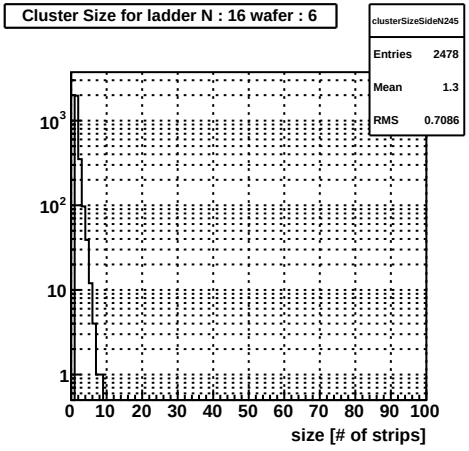

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2892
Mean 1.696
RMS 1.048
size [# of strips]

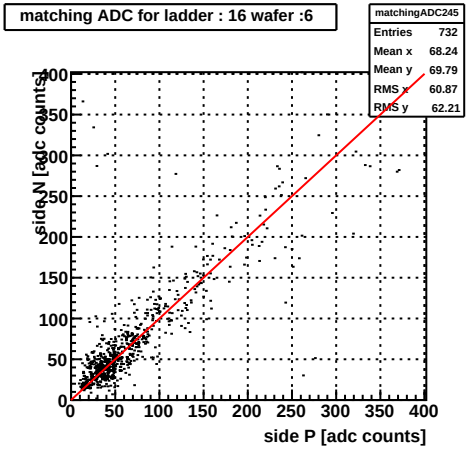

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 518
Mean x 77.75
Mean y 71.15
RMS x 66.63
RMS y 60.51
side N [adc counts]
side P [adc counts]

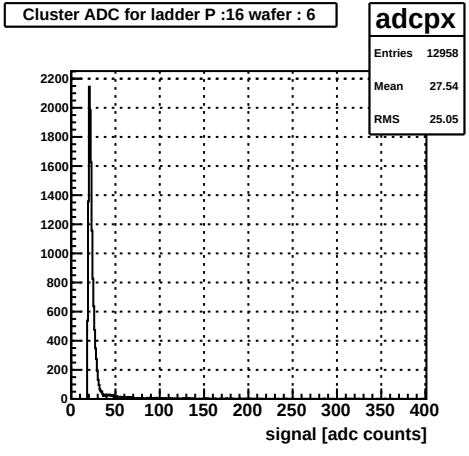

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 16107
Mean 26.41
RMS 21.04
signal [adc counts]

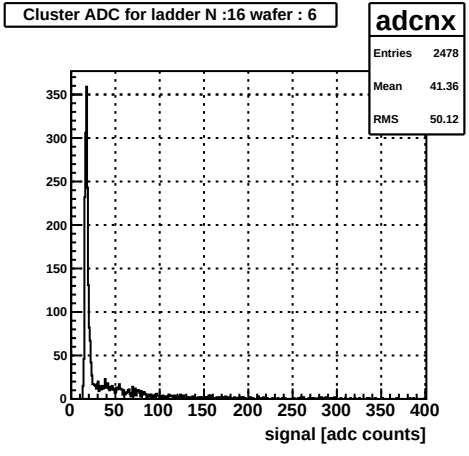

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2892
Mean 46.62
RMS 45.43
signal [adc counts]

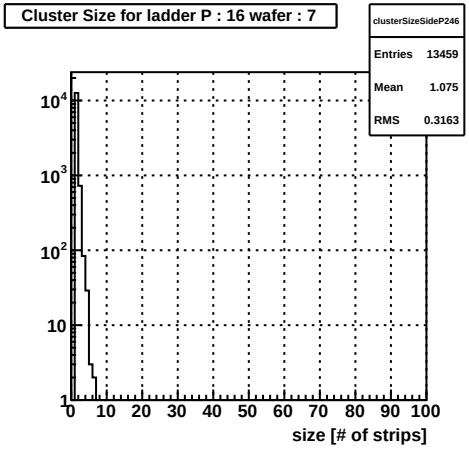

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 12958
Mean 1.055
RMS 0.2918
size [# of strips]

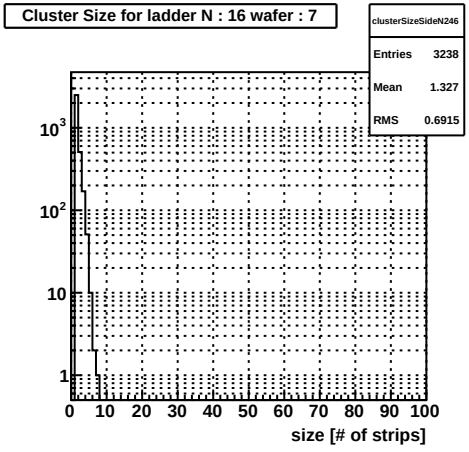

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2478
Mean 1.3
RMS 0.7086
size [# of strips]

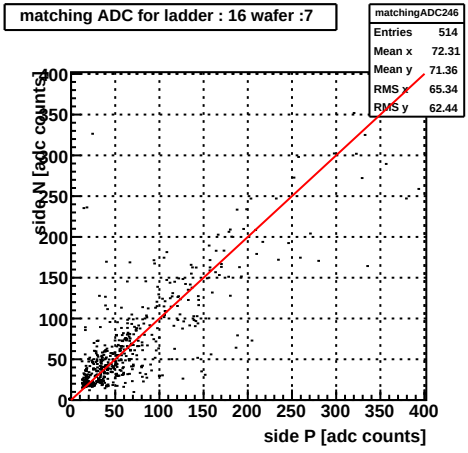

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 732
Mean x 68.24
Mean y 69.79
RMS x 60.87
RMS y 62.21
side N [adc counts]
side P [adc counts]

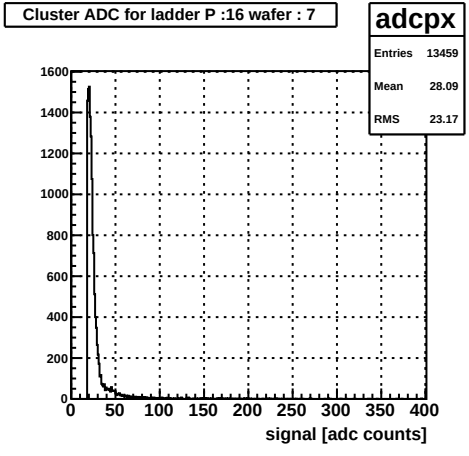

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 12958
Mean 27.54
RMS 25.05
signal [adc counts]

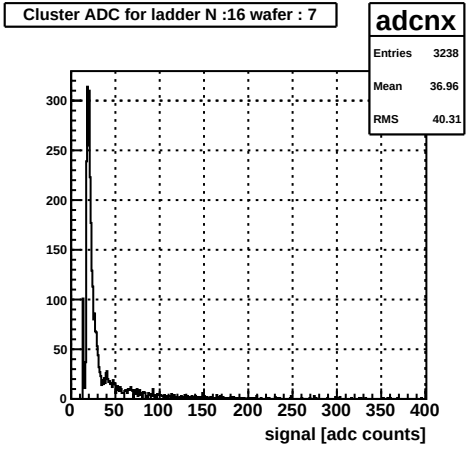

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2478
Mean 41.36
RMS 50.12
signal [adc counts]

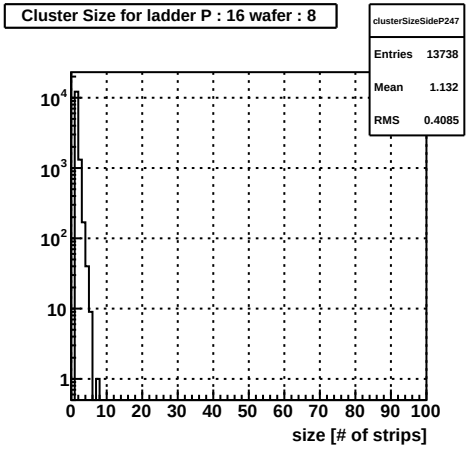

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 13459
Mean 1.075
RMS 0.3163
size [# of strips]

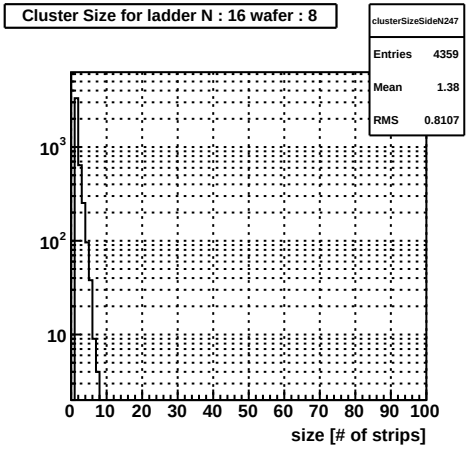

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3238
Mean 1.327
RMS 0.6915
size [# of strips]

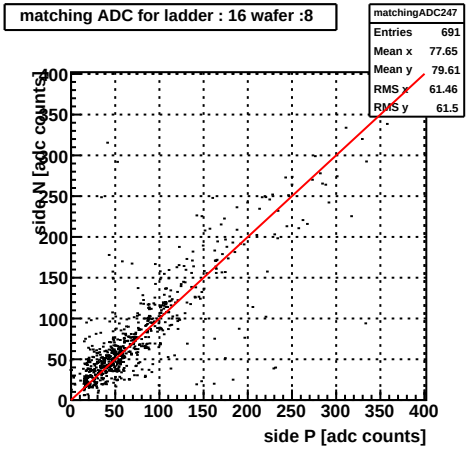

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 514
Mean x 72.31
Mean y 71.36
RMS x 65.34
RMS y 62.44
side N [adc counts]
side P [adc counts]

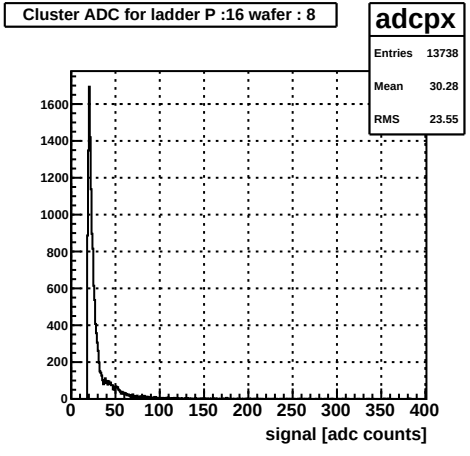

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 13459
Mean 28.09
RMS 23.17
signal [adc counts]

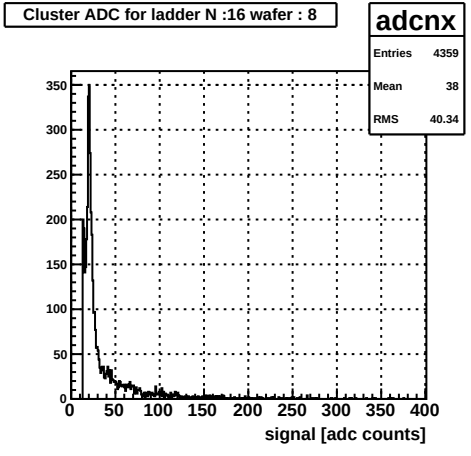

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3238
Mean 36.96
RMS 40.31
signal [adc counts]

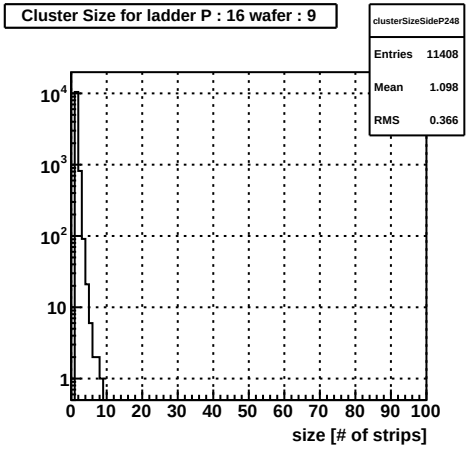

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13738
Mean 1.132
RMS 0.4085
size [# of strips]

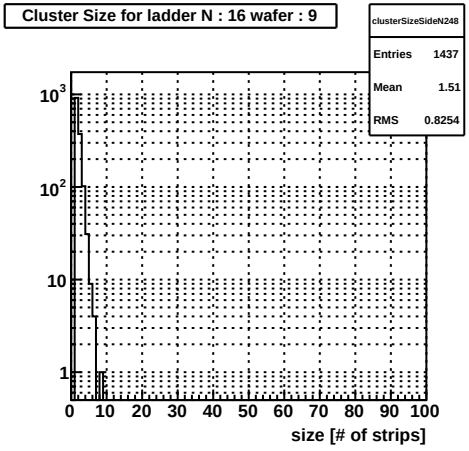

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4359
Mean 1.38
RMS 0.8107
size [# of strips]

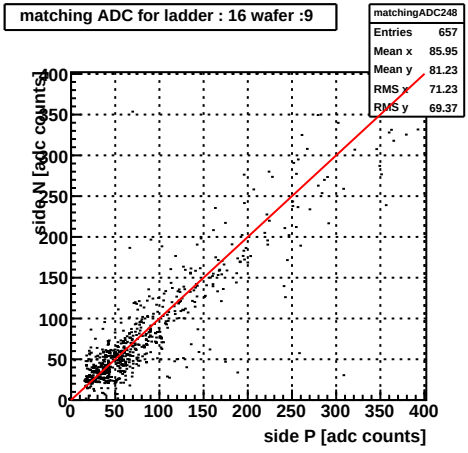

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 691
Mean x 77.65
Mean y 79.61
RMS x 61.46
RMS y 61.5
side N [adc counts]
side P [adc counts]

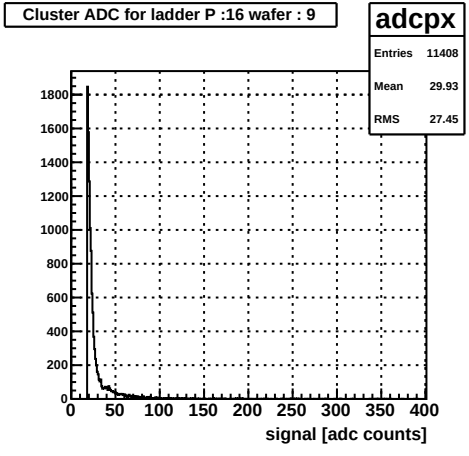

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13738
Mean 30.28
RMS 23.55
signal [adc counts]

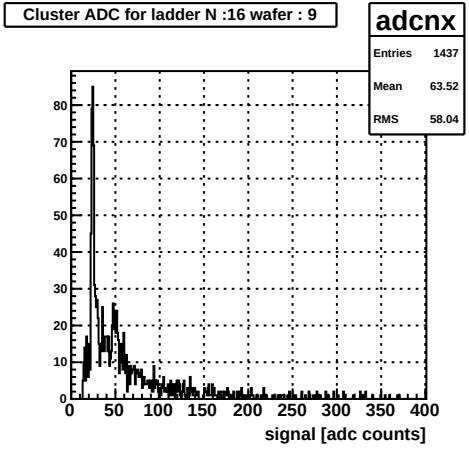

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4359
Mean 38
RMS 40.34
signal [adc counts]

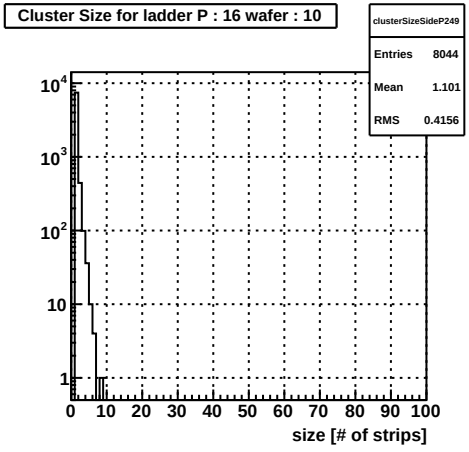

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11408
Mean 1.098
RMS 0.366
size [# of strips]

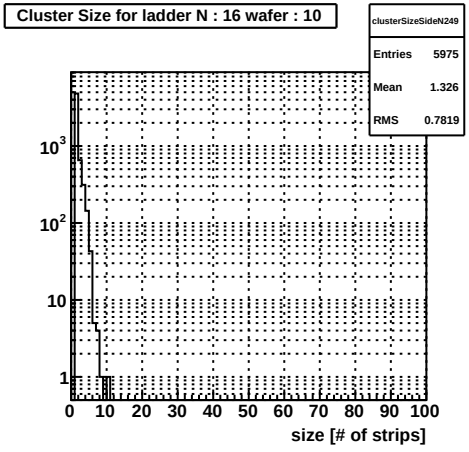

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1437
Mean 1.51
RMS 0.8254
size [# of strips]

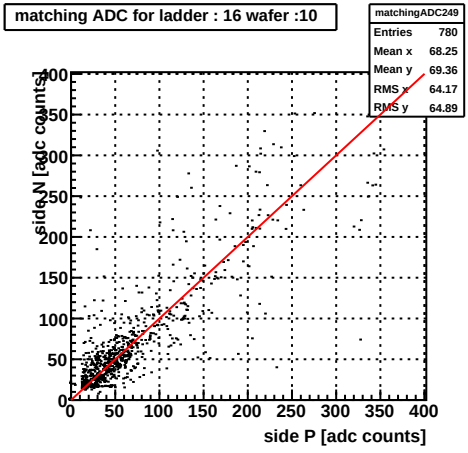

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 657
Mean x 85.95
Mean y 81.23
RMS x 71.23
RMS y 69.37
side N [adc counts]
side P [adc counts]

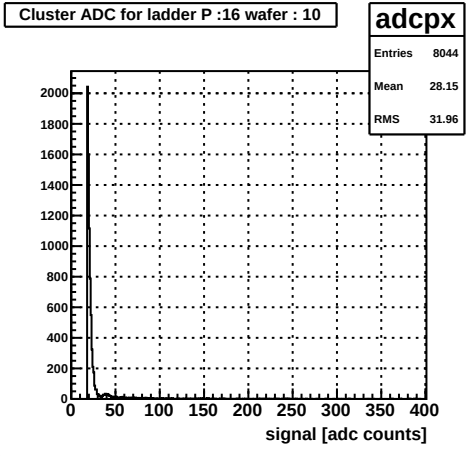

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11408
Mean 29.93
RMS 27.45
signal [adc counts]

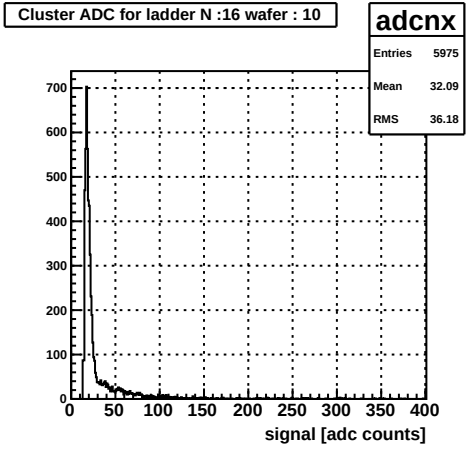

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1437
Mean 63.52
RMS 58.04
signal [adc counts]

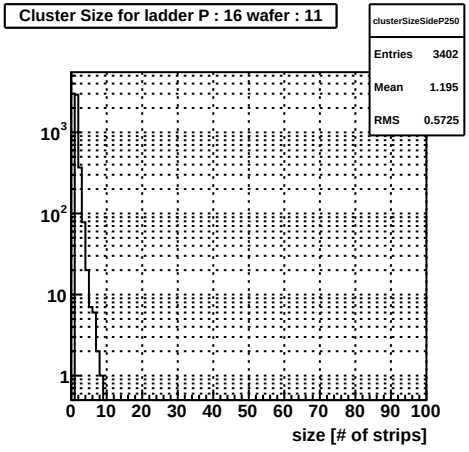

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8044
Mean 1.101
RMS 0.4156
size [# of strips]

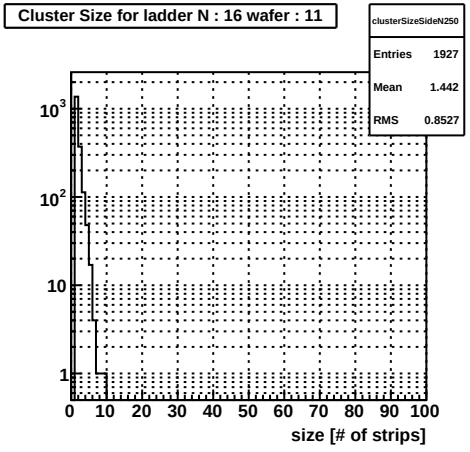

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5975
Mean 1.326
RMS 0.7819
size [# of strips]

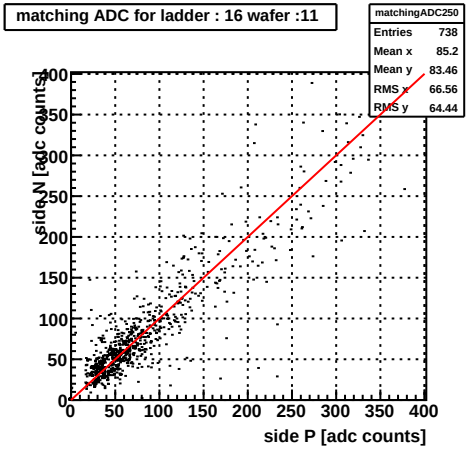

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 780
Mean x 68.25
Mean y 69.36
RMS x 64.17
RMS y 64.89
side N [adc counts]
side P [adc counts]

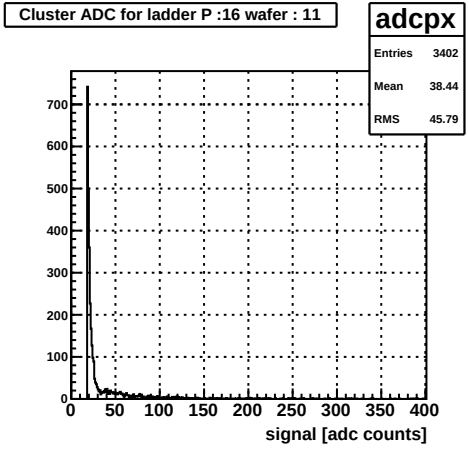

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8044
Mean 28.15
RMS 31.96
signal [adc counts]

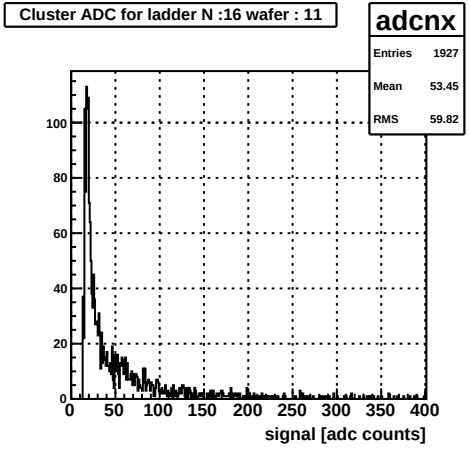

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5975
Mean 32.09
RMS 36.18
signal [adc counts]

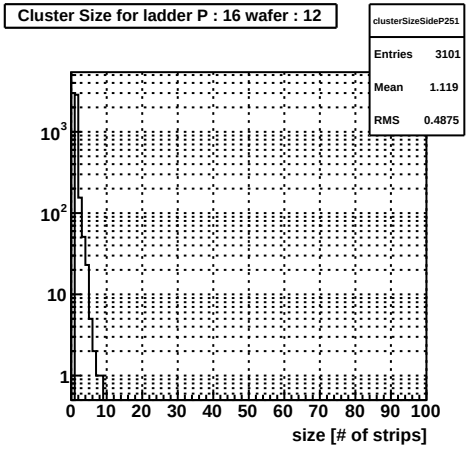

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3402
Mean 1.195
RMS 0.5725
size [# of strips]

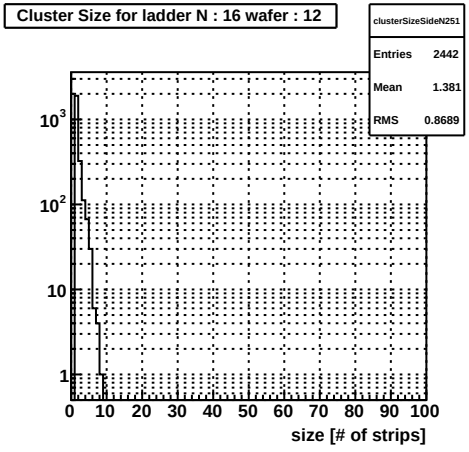

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1927
Mean 1.442
RMS 0.8527
size [# of strips]

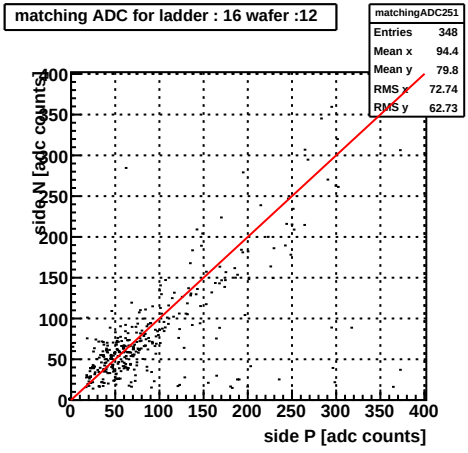

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 738
Mean x 85.2
Mean y 83.46
RMS x 66.56
RMS y 64.44
side N [adc counts]
side P [adc counts]

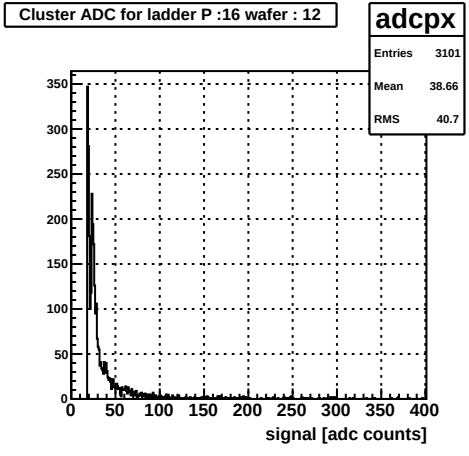

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3402
Mean 38.44
RMS 45.79
signal [adc counts]

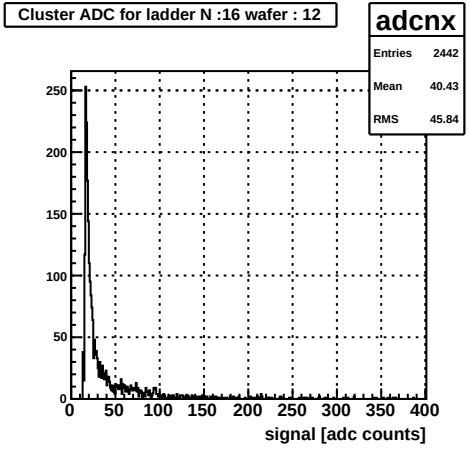

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1927
Mean 53.45
RMS 59.82
signal [adc counts]

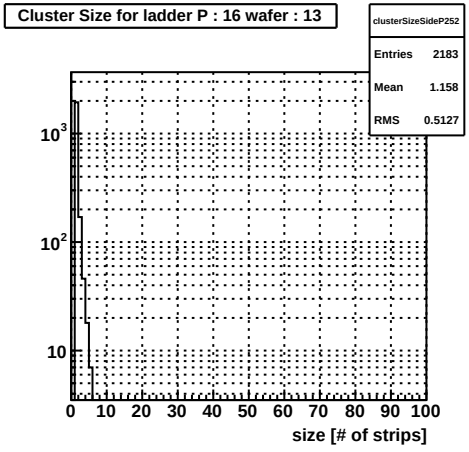

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3101
Mean 1.119
RMS 0.4875
size [# of strips]

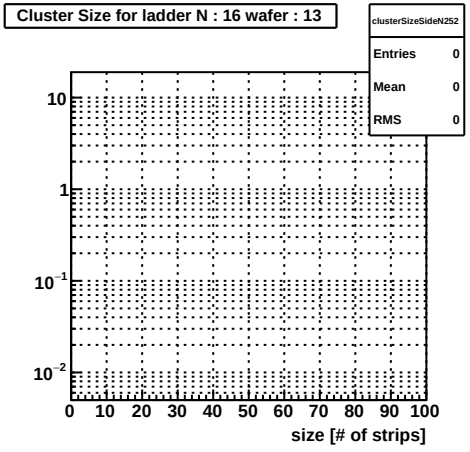

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2442
Mean 1.381
RMS 0.8689
size [# of strips]

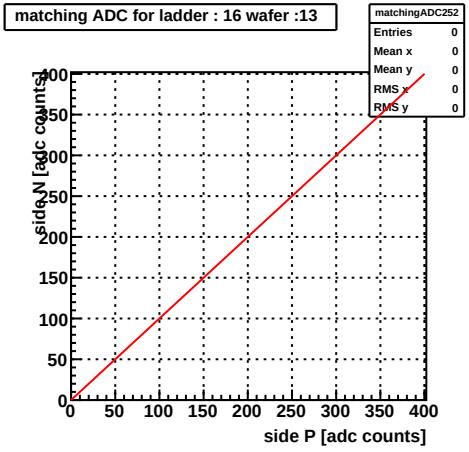

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 348
Mean x 94.4
Mean y 79.8
RMS x 72.74
RMS y 62.73
side N [adc counts]
side P [adc counts]

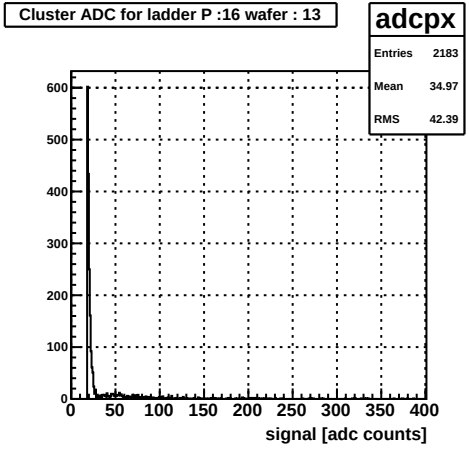

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3101
Mean 38.66
RMS 40.7
signal [adc counts]

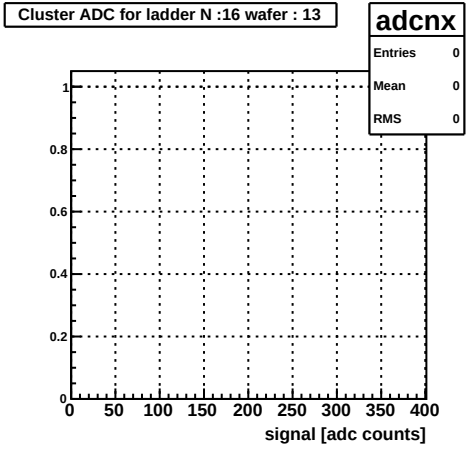

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2442
Mean 40.43
RMS 45.84
signal [adc counts]

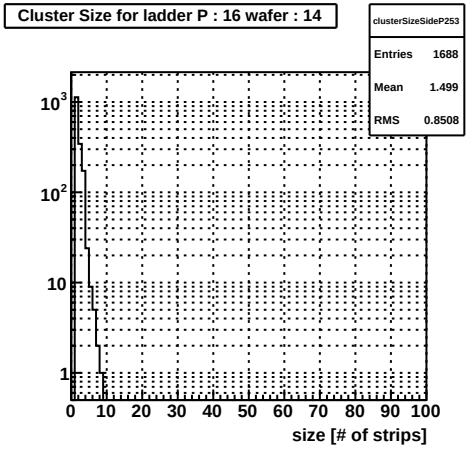

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2183
Mean 1.158
RMS 0.5127
size [# of strips]

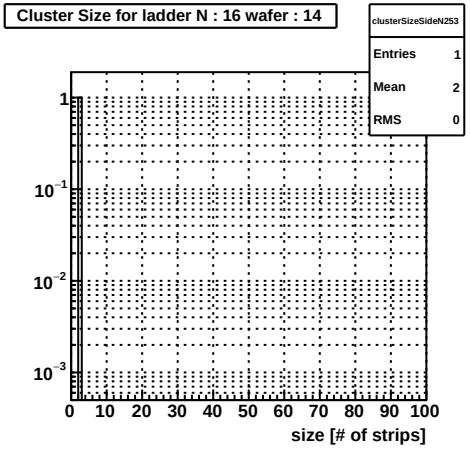

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

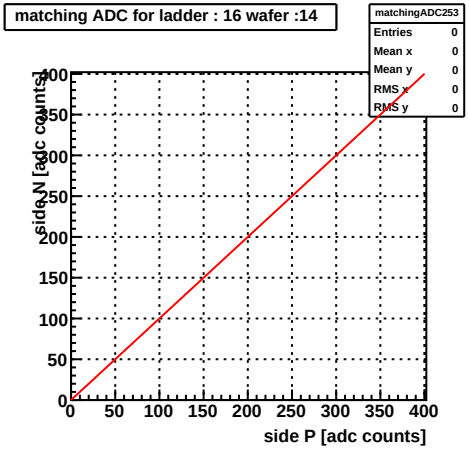

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

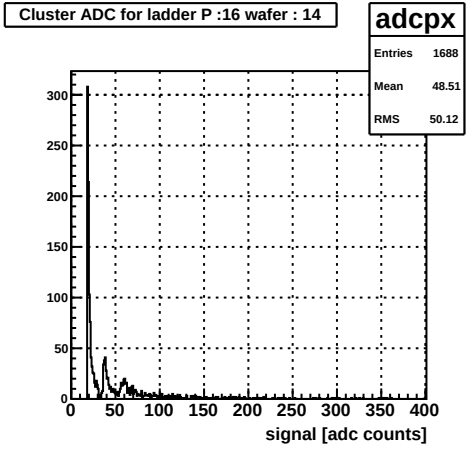

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2183
Mean 34.97
RMS 42.39
signal [adc counts]

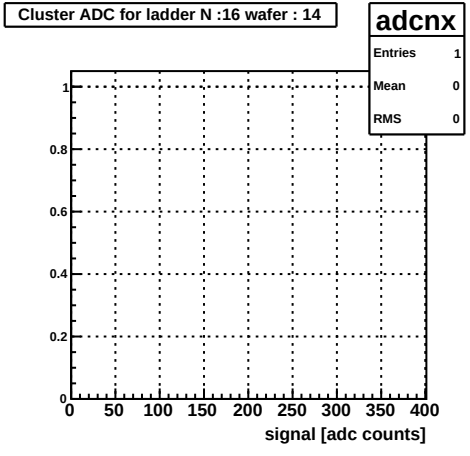

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

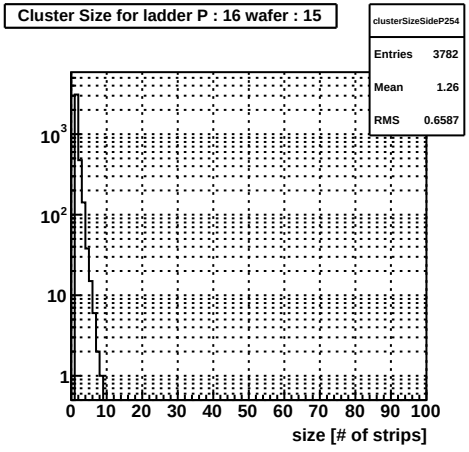

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1688
Mean 1.499
RMS 0.8508
size [# of strips]

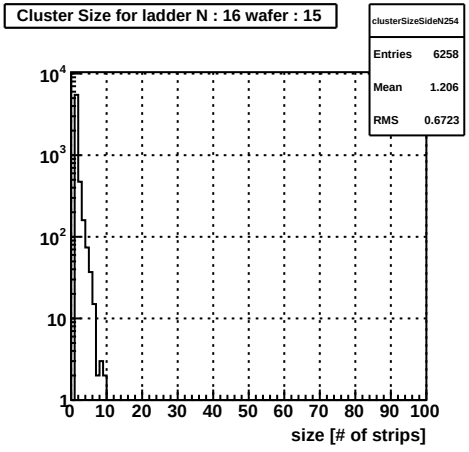

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 2
RMS 0
size [# of strips]

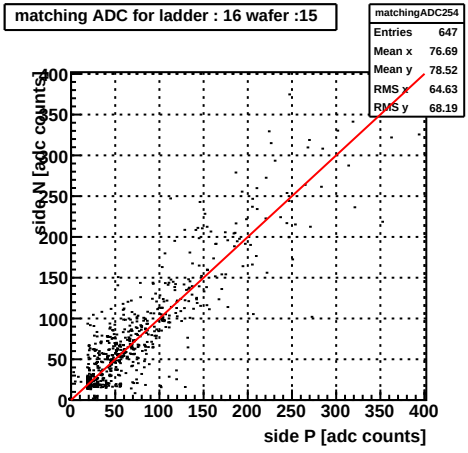

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

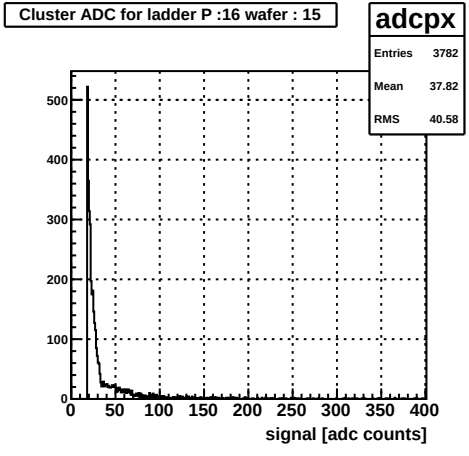

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1688
Mean 48.51
RMS 50.12
signal [adc counts]

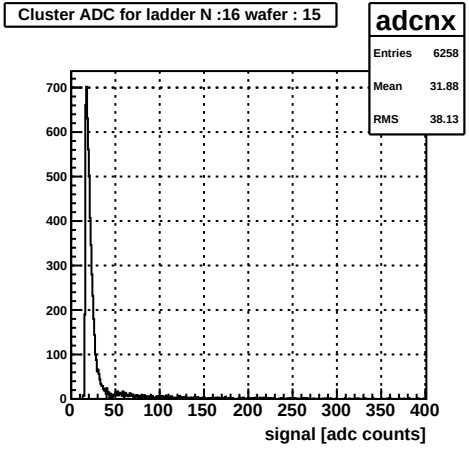

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

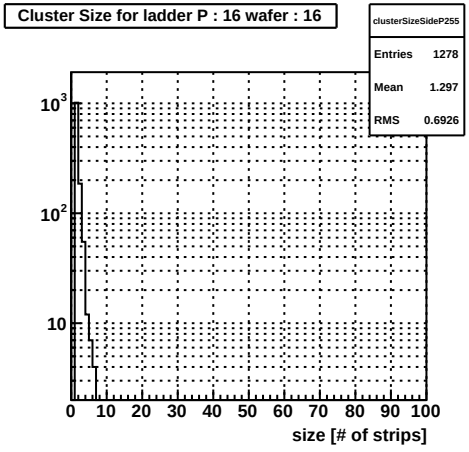

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3782
Mean 1.26
RMS 0.6587
size [# of strips]

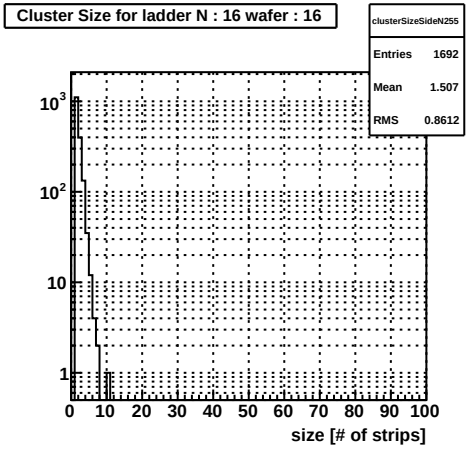

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 6258
Mean 1.206
RMS 0.6723
size [# of strips]

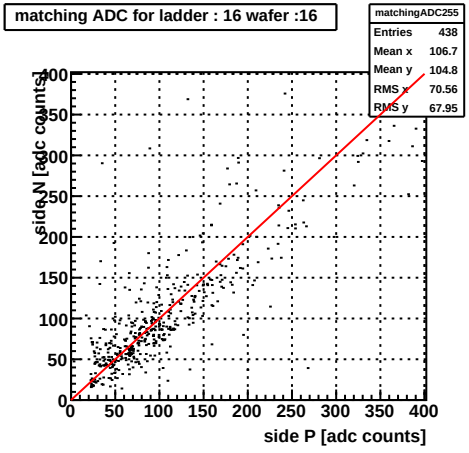

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 647
Mean x 76.69
Mean y 78.52
RMS x 64.63
RMS y 68.19
side N [adc counts]
side P [adc counts]

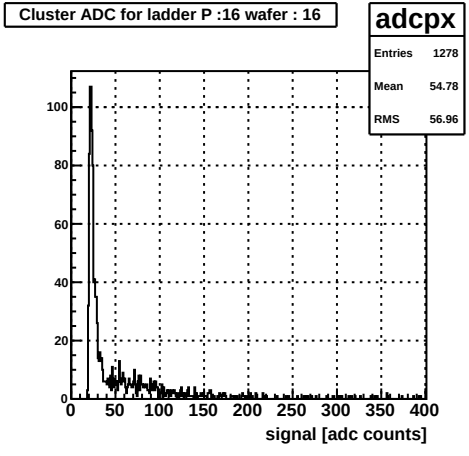

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3782
Mean 37.82
RMS 40.58
signal [adc counts]

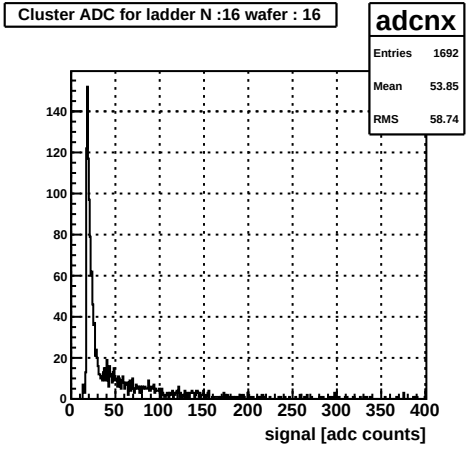

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 6258
Mean 31.88
RMS 38.13
signal [adc counts]

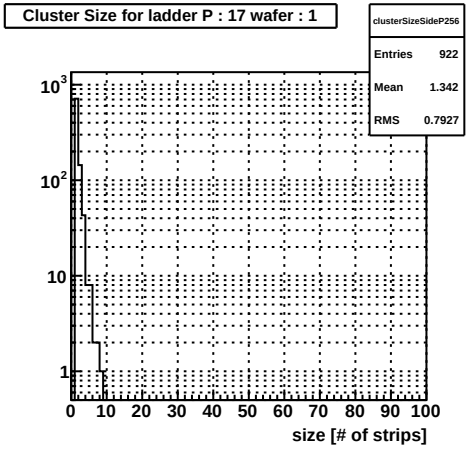

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1278
Mean 1.297
RMS 0.6926
size [# of strips]

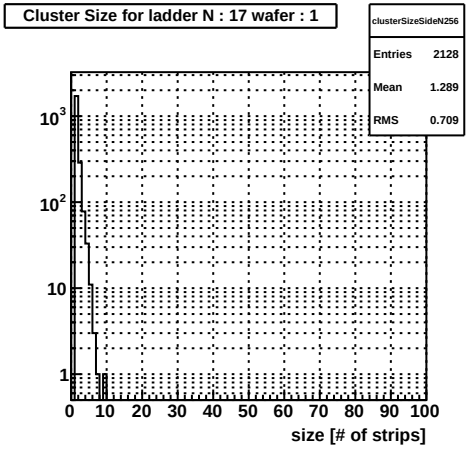

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1692
Mean 1.507
RMS 0.8612
size [# of strips]

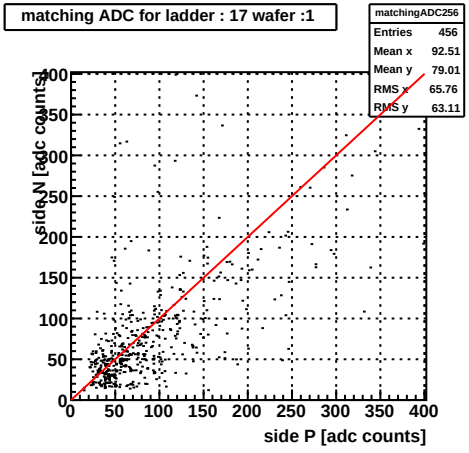

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 438
Mean x 106.7
Mean y 104.8
RMS x 70.56
RMS y 67.95
side N [adc counts]
side P [adc counts]

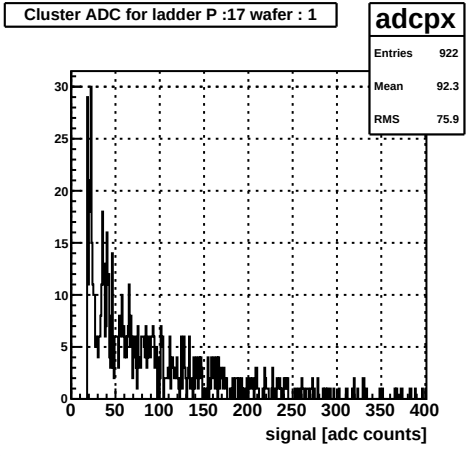

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1278
Mean 54.78
RMS 56.96
signal [adc counts]

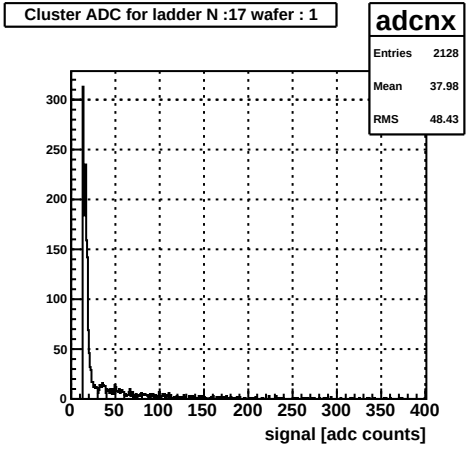

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1692
Mean 53.85
RMS 58.74
signal [adc counts]

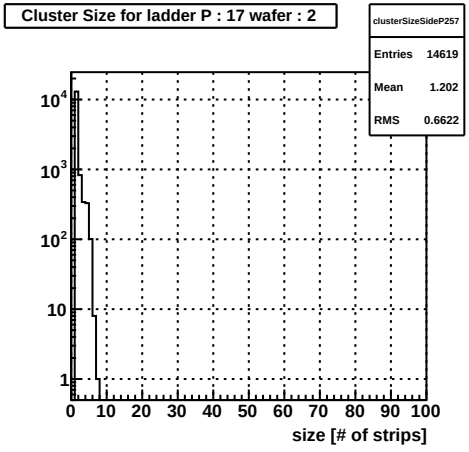

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 922
Mean 1.342
RMS 0.7927
size [# of strips]

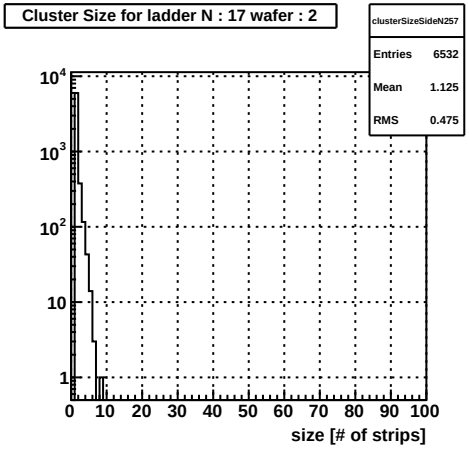

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2128
Mean 1.289
RMS 0.709
size [# of strips]

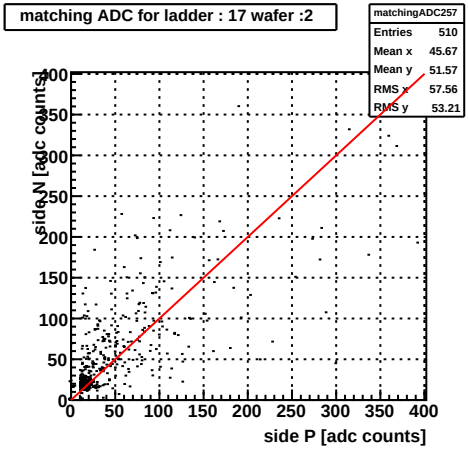

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 456
Mean x 92.51
Mean y 79.01
RMS x 65.76
RMS y 63.11
side N [adc counts]
side P [adc counts]

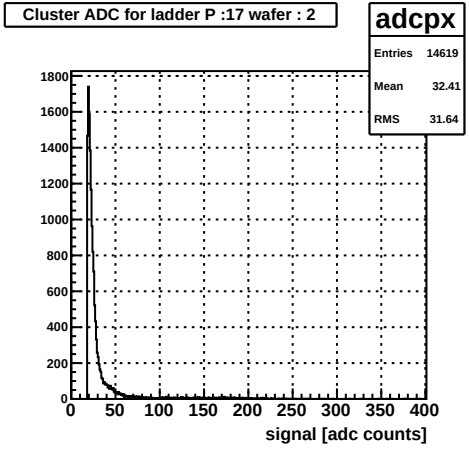

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 922
Mean 92.3
RMS 75.9
signal [adc counts]

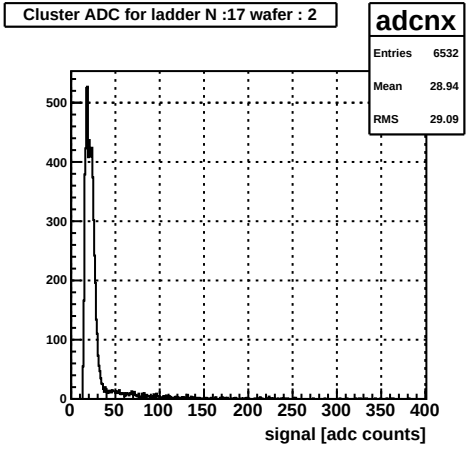

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2128
Mean 37.98
RMS 48.43
signal [adc counts]

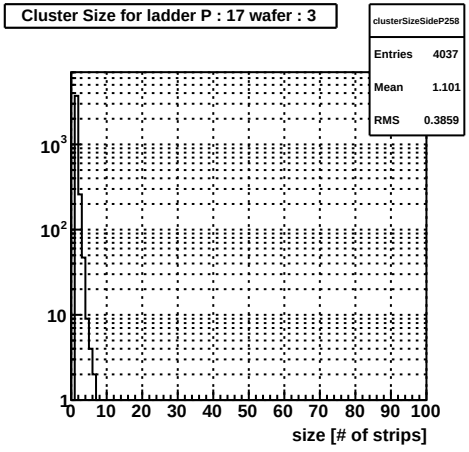

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14619
Mean 1.202
RMS 0.6622
size [# of strips]

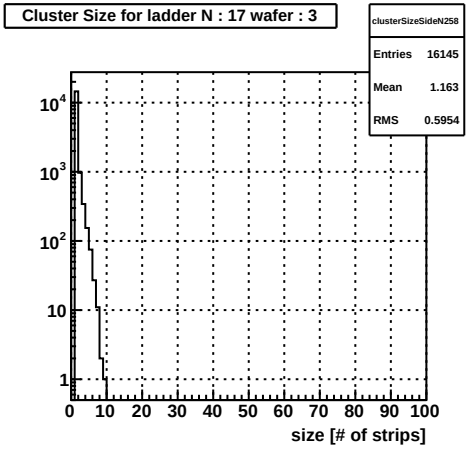

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 6532
Mean 1.125
RMS 0.475
size [# of strips]

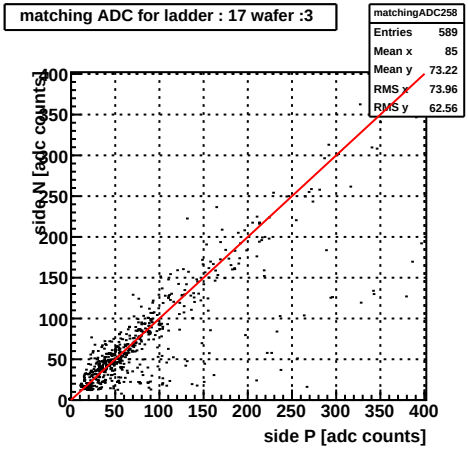

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 510
Mean x 45.67
Mean y 51.57
RMS x 57.56
RMS y 53.21
side N [adc counts]
side P [adc counts]

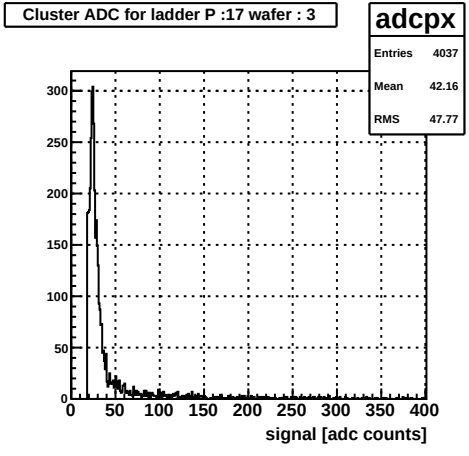

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14619
Mean 32.41
RMS 31.64
signal [adc counts]

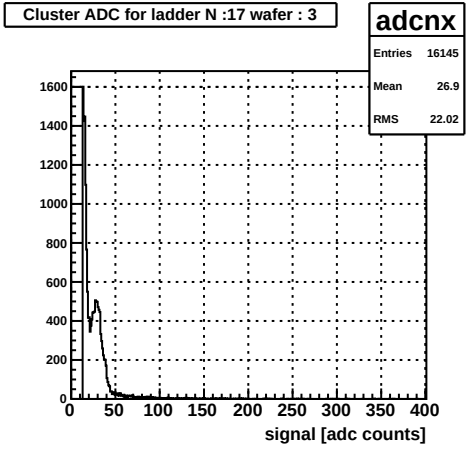

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 6532
Mean 28.94
RMS 29.09
signal [adc counts]

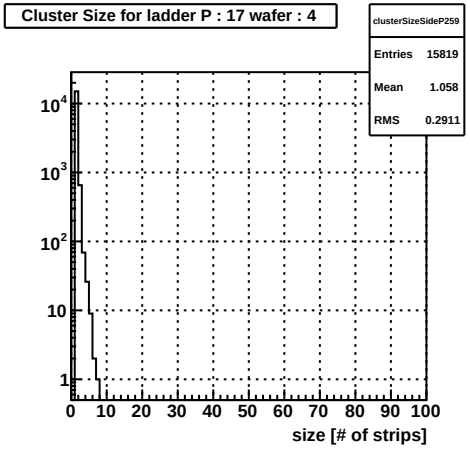

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4037
Mean 1.101
RMS 0.3859
size [# of strips]

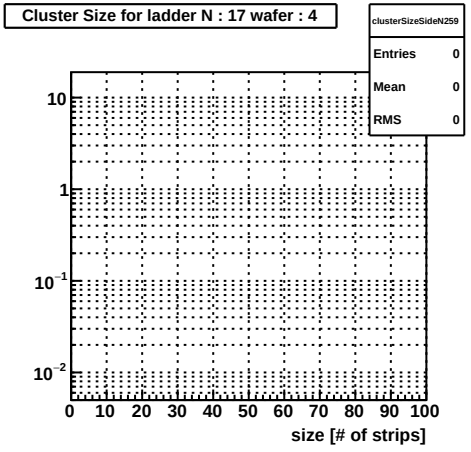

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 16145
Mean 1.163
RMS 0.5954
size [# of strips]

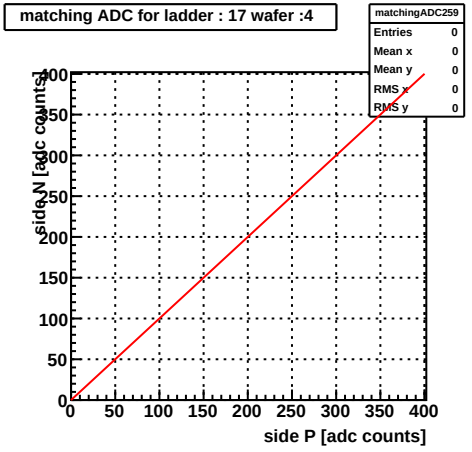

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 589
Mean x 85
Mean y 73.22
RMS x 73.96
RMS y 62.56
side N [adc counts]
side P [adc counts]

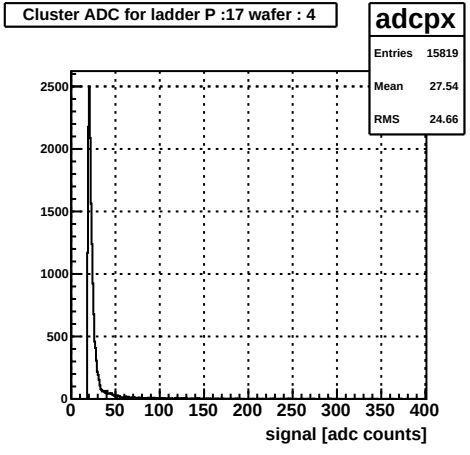

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4037
Mean 42.16
RMS 47.77
signal [adc counts]

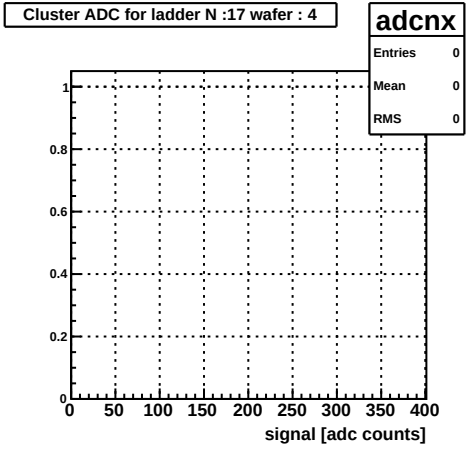

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 16145
Mean 26.9
RMS 22.02
signal [adc counts]

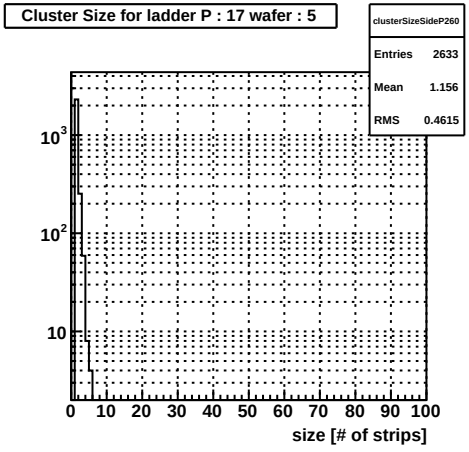

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 15819
Mean 1.058
RMS 0.2911
size [# of strips]

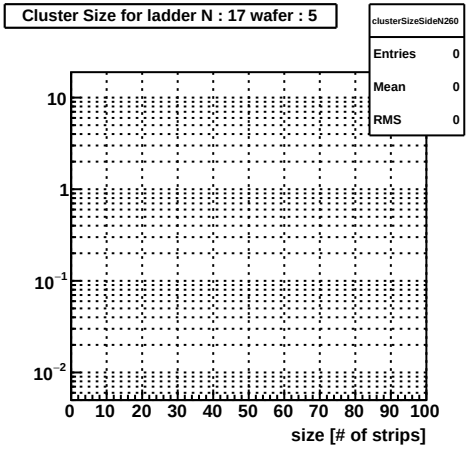

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

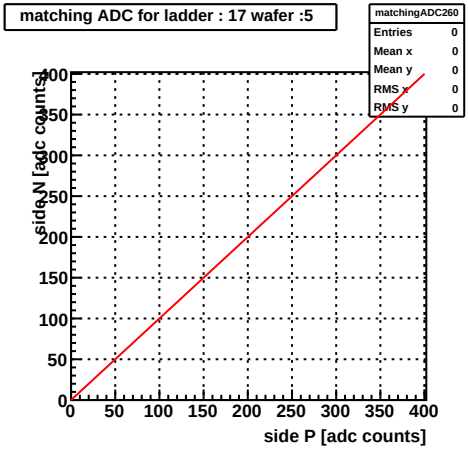

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

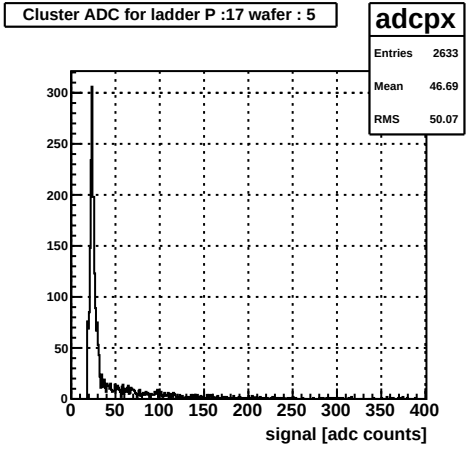

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 15819
Mean 27.54
RMS 24.66
signal [adc counts]

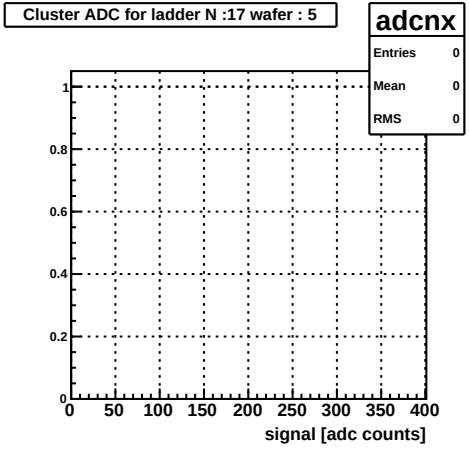

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

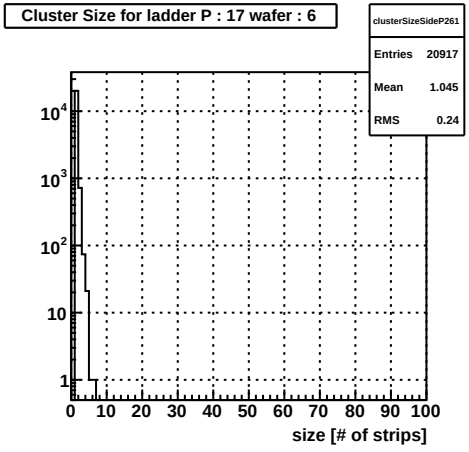

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2633
Mean 1.156
RMS 0.4615
size [# of strips]

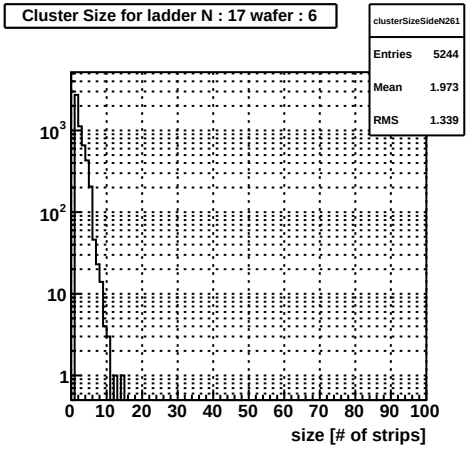

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

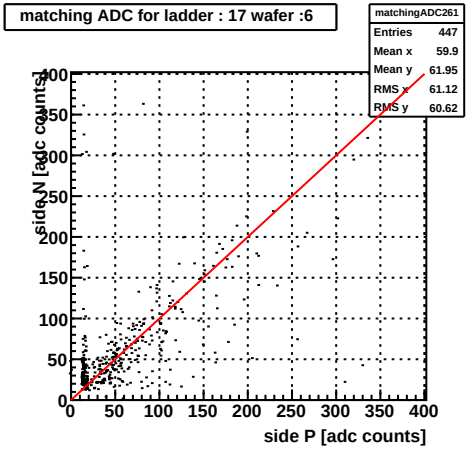

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

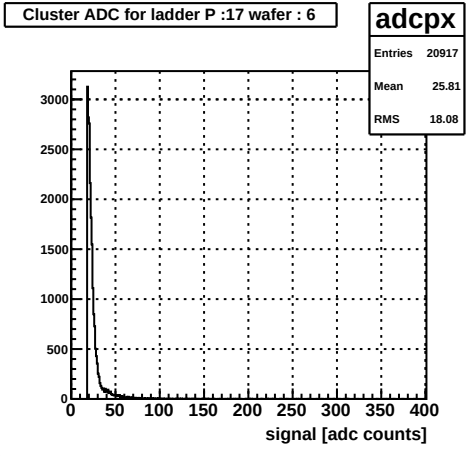

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2633
Mean 46.69
RMS 50.07
signal [adc counts]

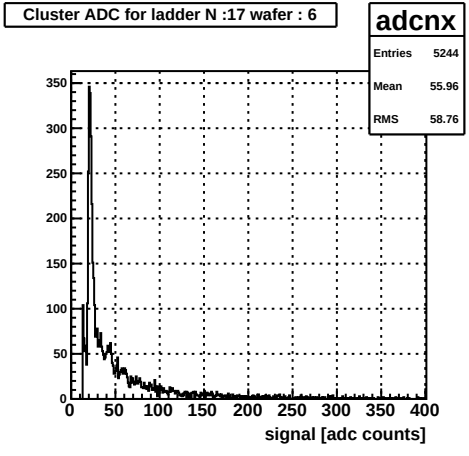

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

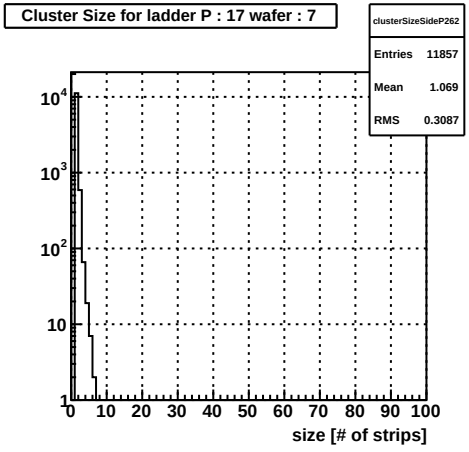

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 20917
Mean 1.045
RMS 0.24
size [# of strips]

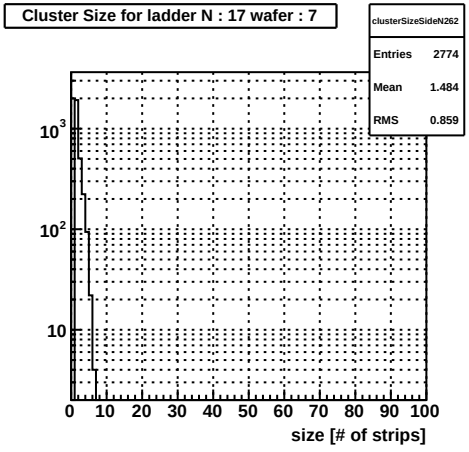

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5244
Mean 1.973
RMS 1.339
size [# of strips]

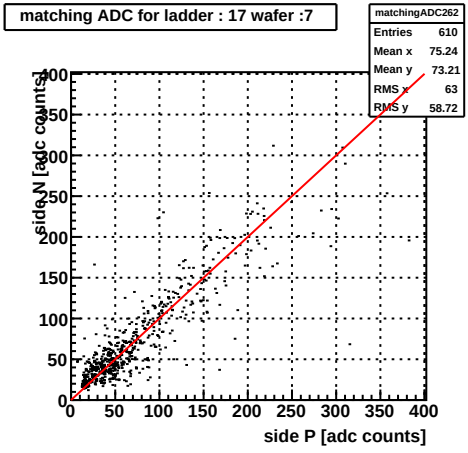

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 447
Mean x 59.9
Mean y 61.95
RMS x 61.12
RMS y 60.62
side N [adc counts]
side P [adc counts]

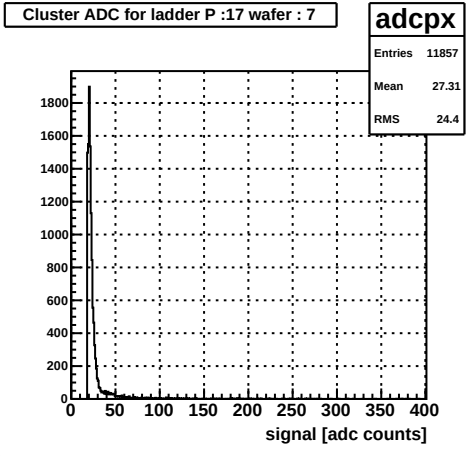

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 20917
Mean 25.81
RMS 18.08
signal [adc counts]

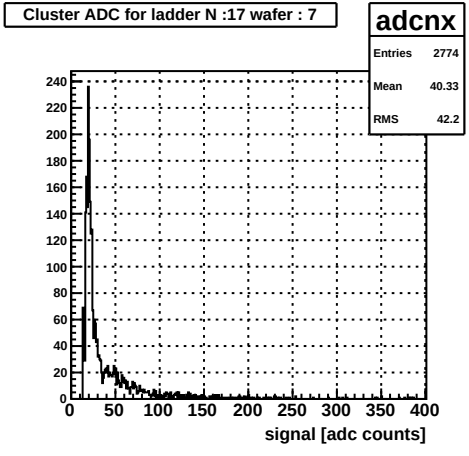

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5244
Mean 55.96
RMS 58.76
signal [adc counts]

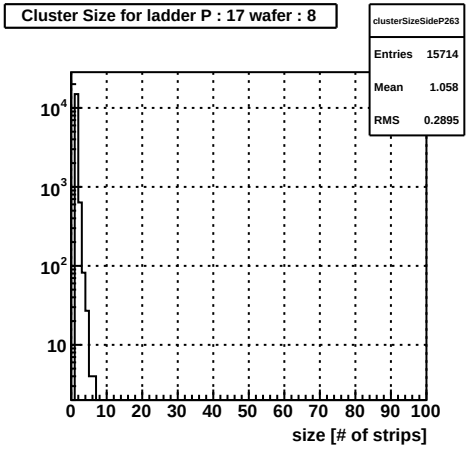

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11857
Mean 1.069
RMS 0.3087
size [# of strips]

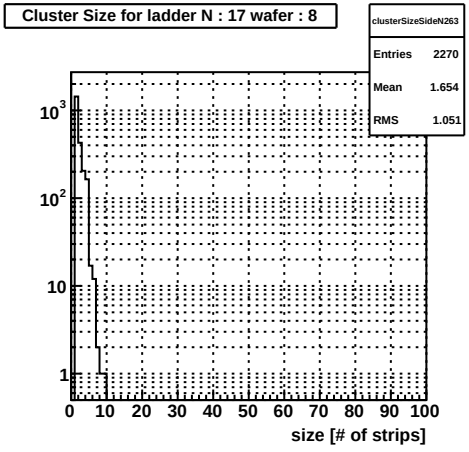

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2774
Mean 1.484
RMS 0.859
size [# of strips]

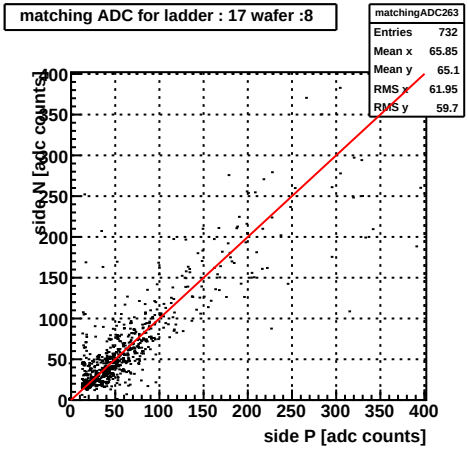

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 610
Mean x 75.24
Mean y 73.21
RMS x 63
RMS y 58.72
side N [adc counts]
side P [adc counts]

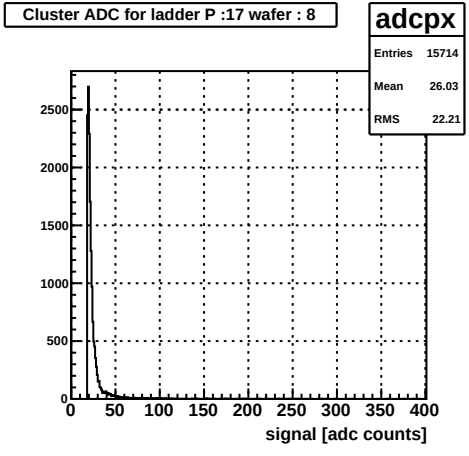

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11857
Mean 27.31
RMS 24.4
signal [adc counts]

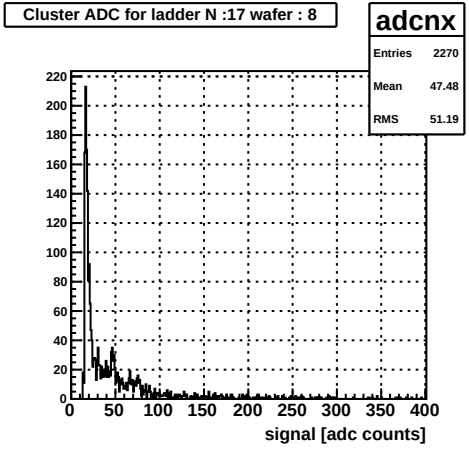

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2774
Mean 40.33
RMS 42.2
signal [adc counts]

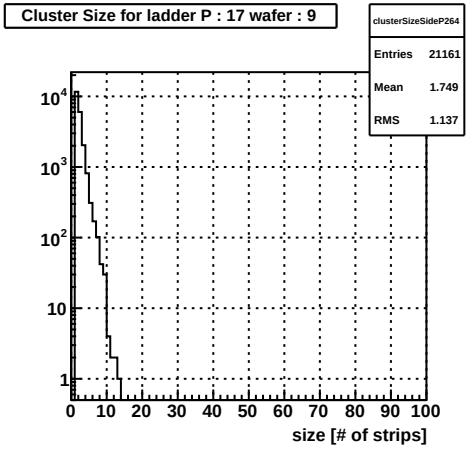

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15714
Mean 1.058
RMS 0.2895
size [# of strips]

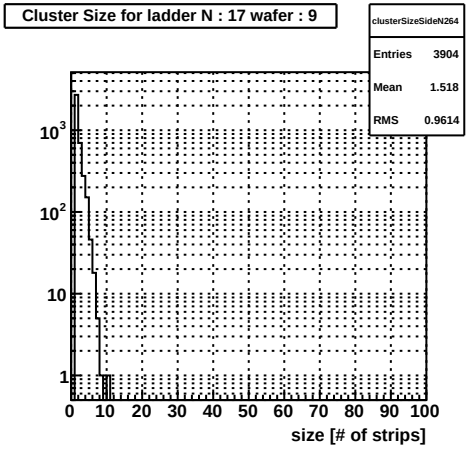

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2270
Mean 1.654
RMS 1.051
size [# of strips]

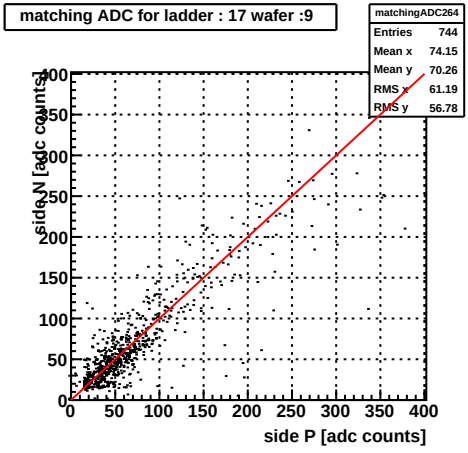

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 732
Mean x 65.85
Mean y 65.1
RMS x 61.95
RMS y 59.7
side N [adc counts]
side P [adc counts]

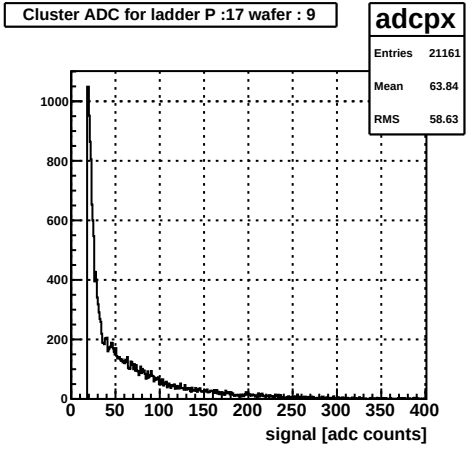

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15714
Mean 26.03
RMS 22.21
signal [adc counts]

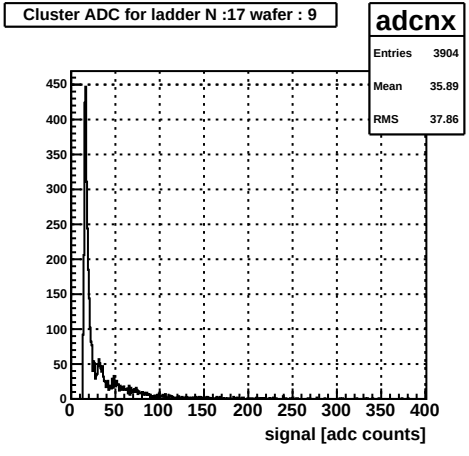

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2270
Mean 47.48
RMS 51.19
signal [adc counts]

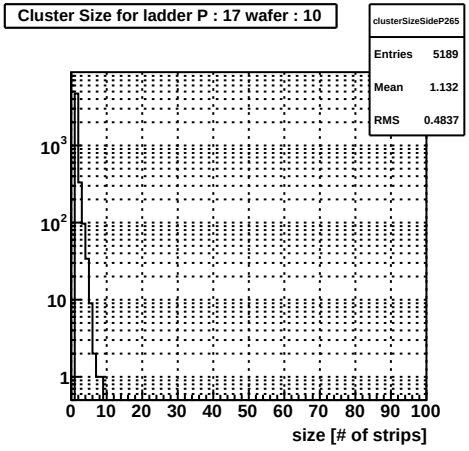

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 21161
Mean 1.749
RMS 1.137
size [# of strips]

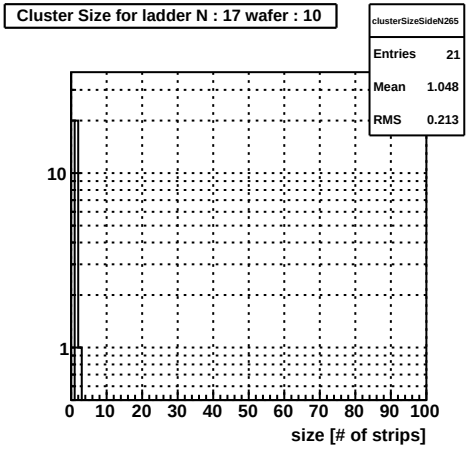

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3904
Mean 1.518
RMS 0.9614
size [# of strips]

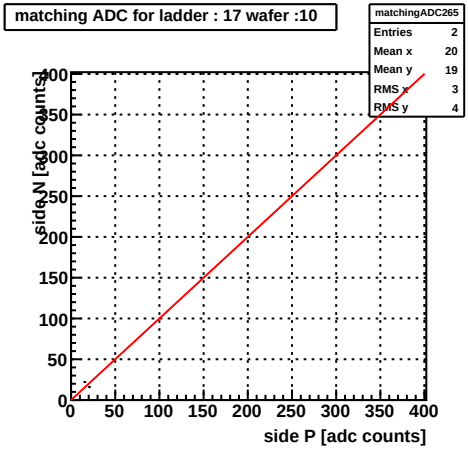

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 744
Mean x 74.15
Mean y 70.26
RMS x 61.19
RMS y 56.78
side N [adc counts]
side P [adc counts]

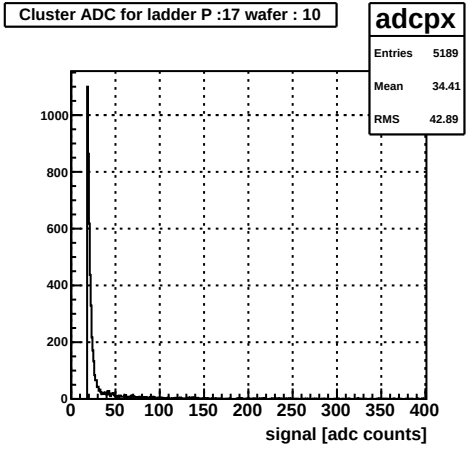

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 21161
Mean 63.84
RMS 58.63
signal [adc counts]

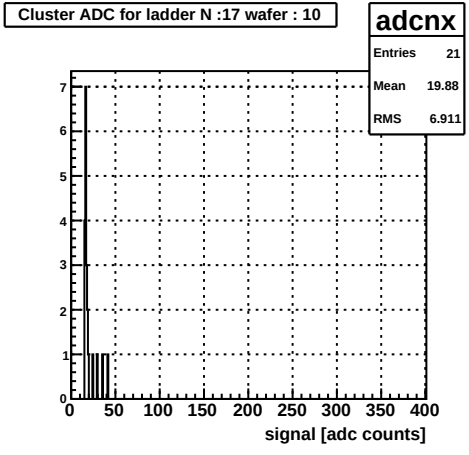

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3904
Mean 35.89
RMS 37.86
signal [adc counts]

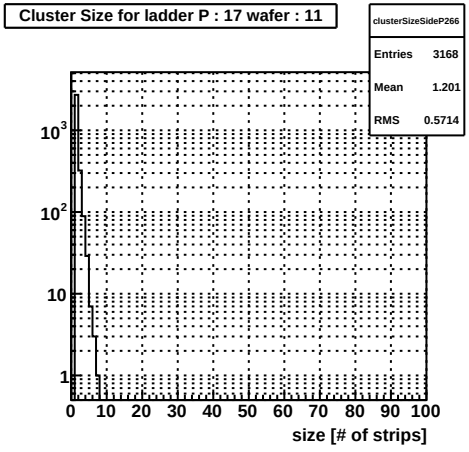

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5189
Mean 1.132
RMS 0.4837
size [# of strips]

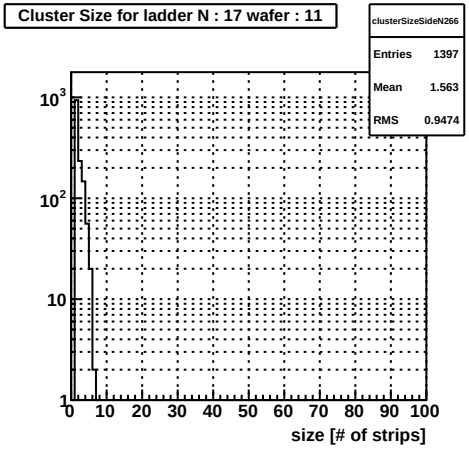

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

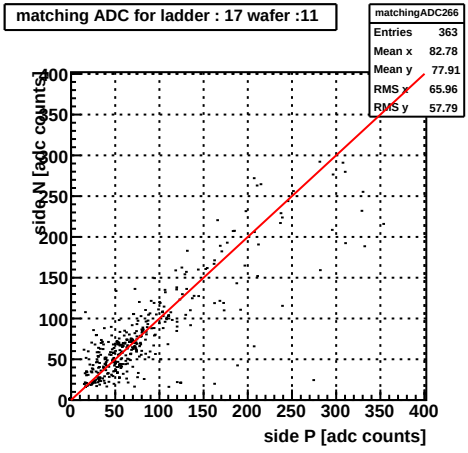

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 20
Mean y 19
RMS x 3
RMS y 4
side N [adc counts]
side P [adc counts]

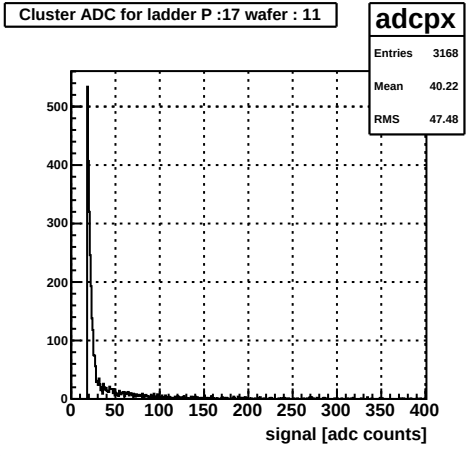

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5189
Mean 34.41
RMS 42.89
signal [adc counts]

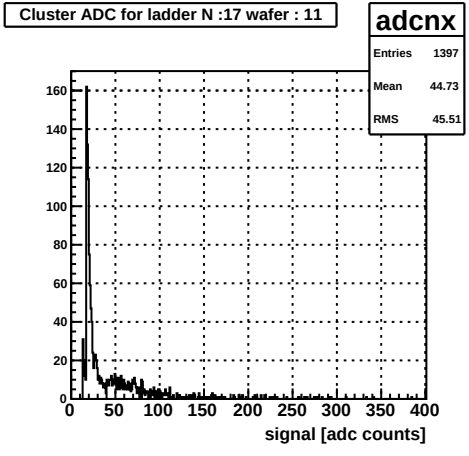

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 21
Mean 19.88
RMS 6.911
signal [adc counts]

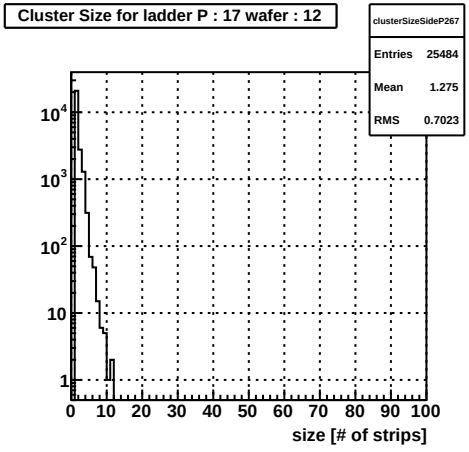

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3168
Mean 1.201
RMS 0.5714
size [# of strips]

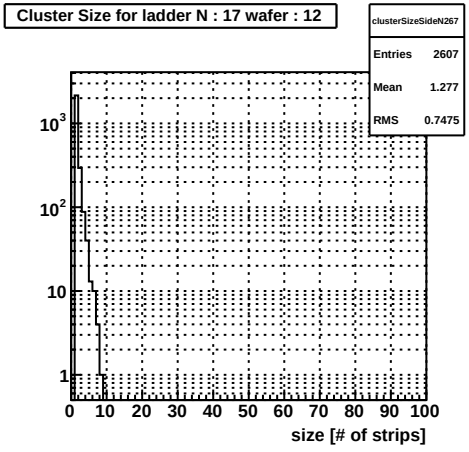

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1397
Mean 1.563
RMS 0.9474
size [# of strips]

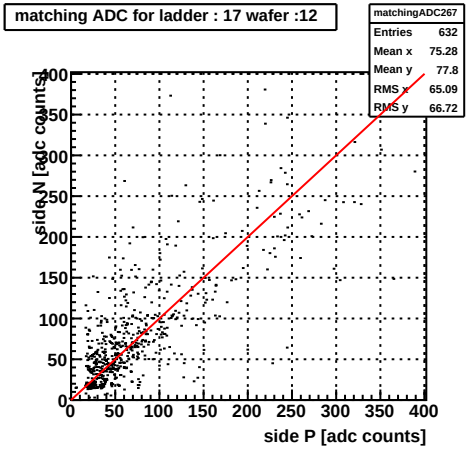

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 363
Mean x 82.78
Mean y 77.91
RMS x 65.96
RMS y 57.79
side N [adc counts]
side P [adc counts]

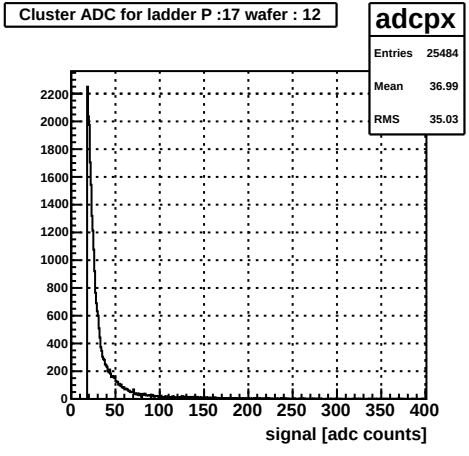

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3168
Mean 40.22
RMS 47.48
signal [adc counts]

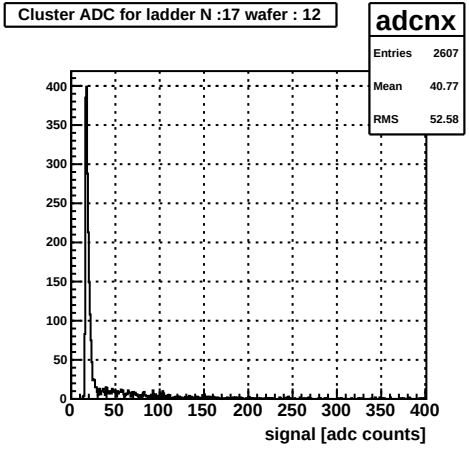

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1397
Mean 44.73
RMS 45.51
signal [adc counts]

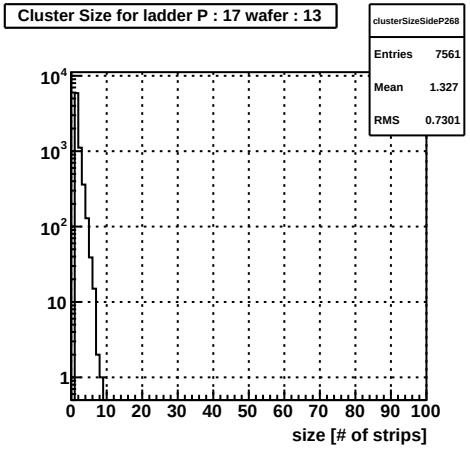

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 25484
Mean 1.275
RMS 0.7023
size [# of strips]

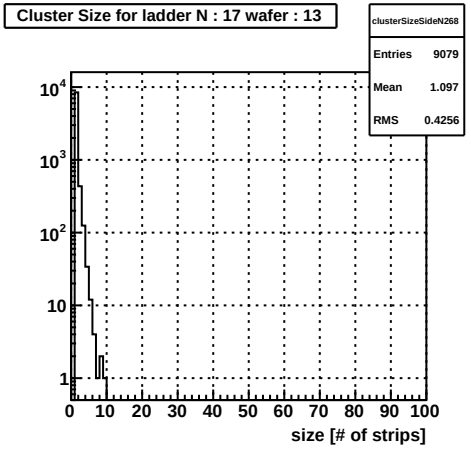

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2607
Mean 1.277
RMS 0.7475
size [# of strips]

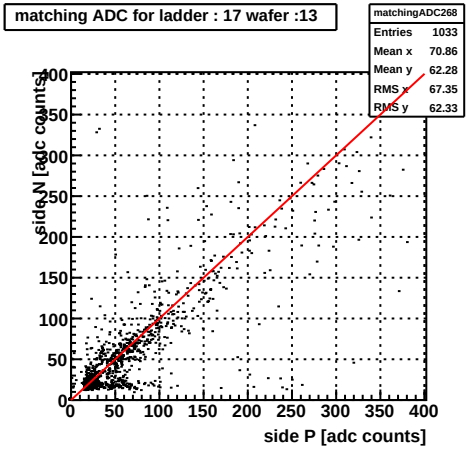

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 632
Mean x 75.28
Mean y 77.8
RMS x 65.09
RMS y 66.72
side N [adc counts]
side P [adc counts]

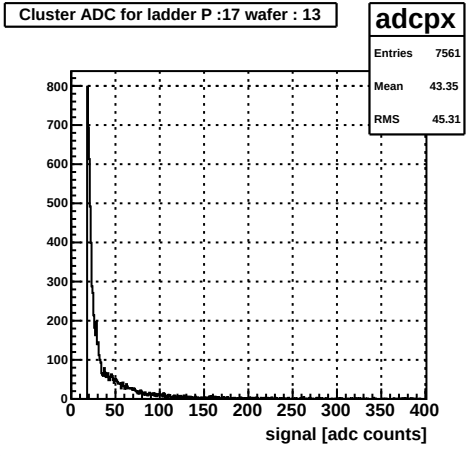

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 25484
Mean 36.99
RMS 35.03
signal [adc counts]

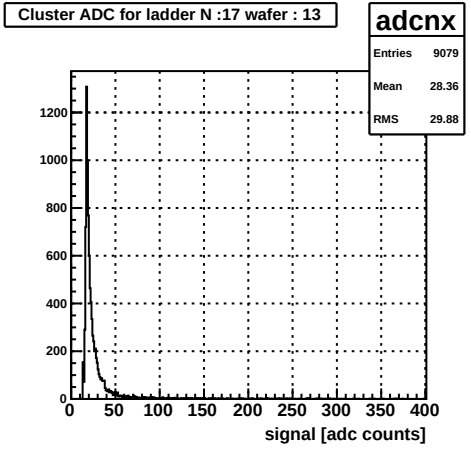

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2607
Mean 40.77
RMS 52.58
signal [adc counts]

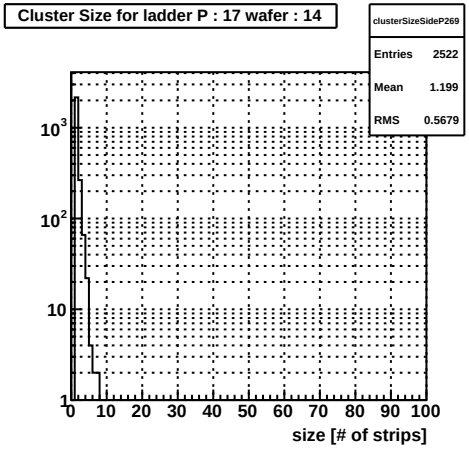

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7561
Mean 1.327
RMS 0.7301
size [# of strips]

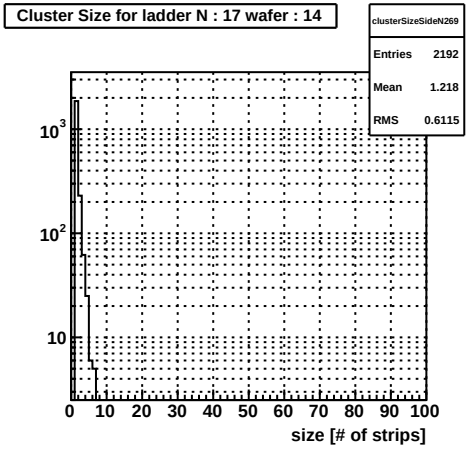

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9079
Mean 1.097
RMS 0.4256
size [# of strips]

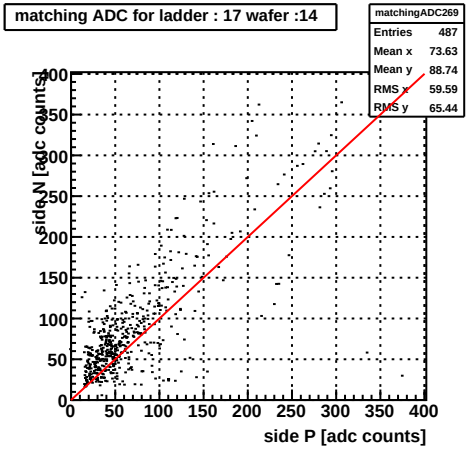

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1033
Mean x 70.86
Mean y 62.28
RMS x 67.35
RMS y 62.33
side N [adc counts]
side P [adc counts]

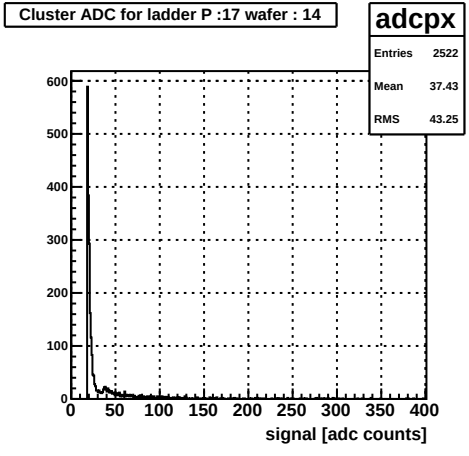

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7561
Mean 43.35
RMS 45.31
signal [adc counts]

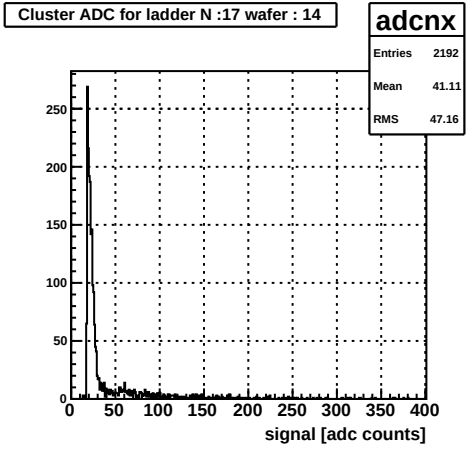

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9079
Mean 28.36
RMS 29.88
signal [adc counts]

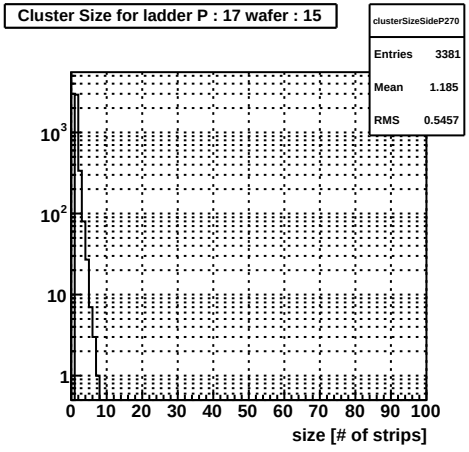

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2522
Mean 1.199
RMS 0.5679
size [# of strips]

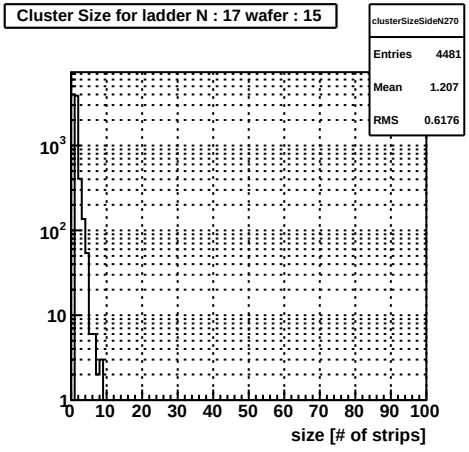

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2192
Mean 1.218
RMS 0.6115
size [# of strips]

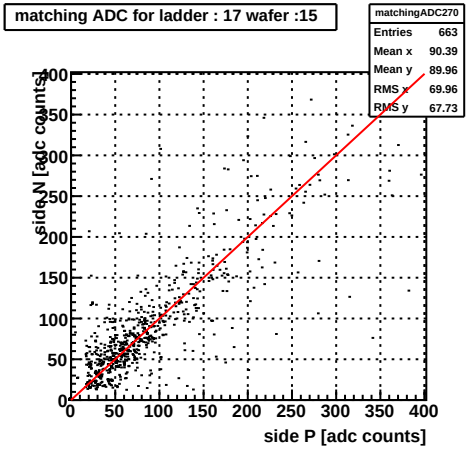

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 487
Mean x 73.63
Mean y 88.74
RMS x 59.59
RMS y 65.44
side N [adc counts]
side P [adc counts]

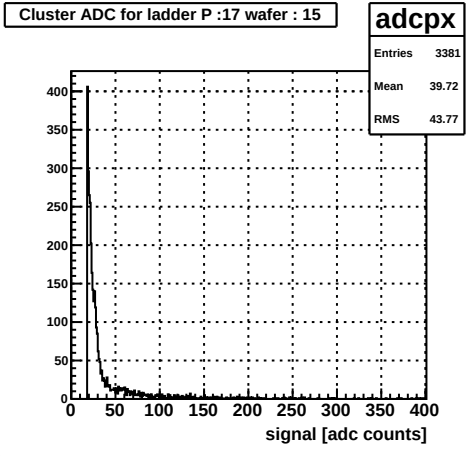

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2522
Mean 37.43
RMS 43.25
signal [adc counts]

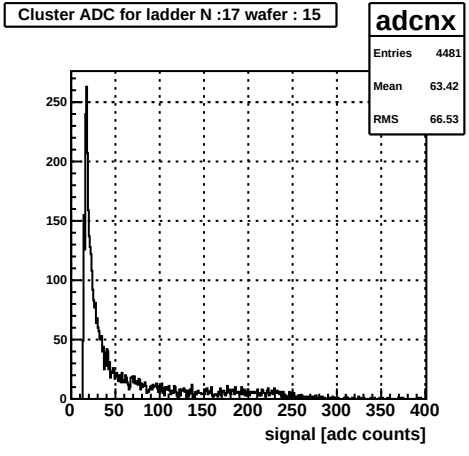

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2192
Mean 41.11
RMS 47.16
signal [adc counts]

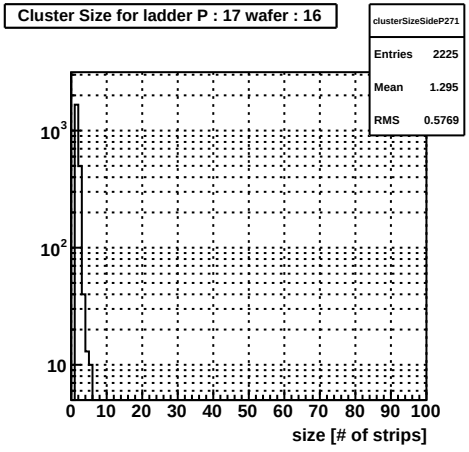

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3381
Mean 1.185
RMS 0.5457
size [# of strips]

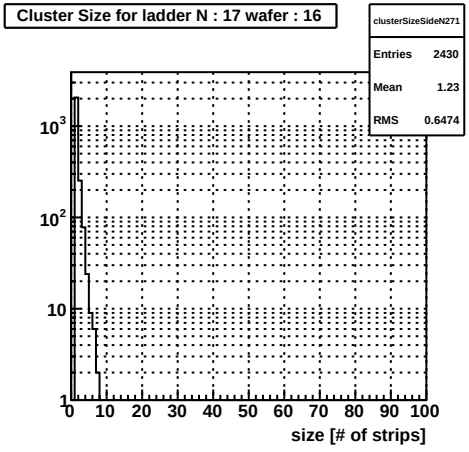

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4481
Mean 1.207
RMS 0.6176
size [# of strips]

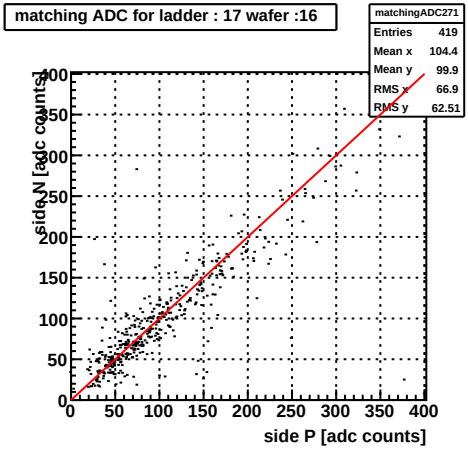

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 663
Mean x 90.39
Mean y 89.96
RMS x 69.96
RMS y 67.73
side N [adc counts]
side P [adc counts]

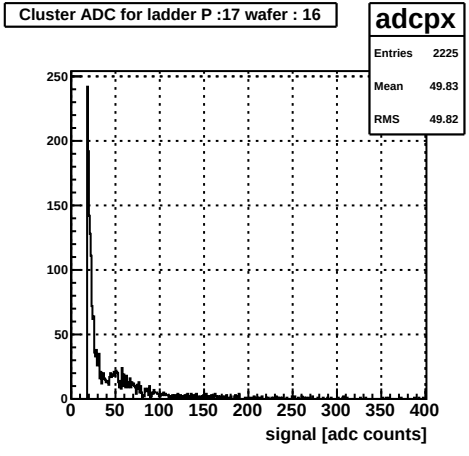

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3381
Mean 39.72
RMS 43.77
signal [adc counts]

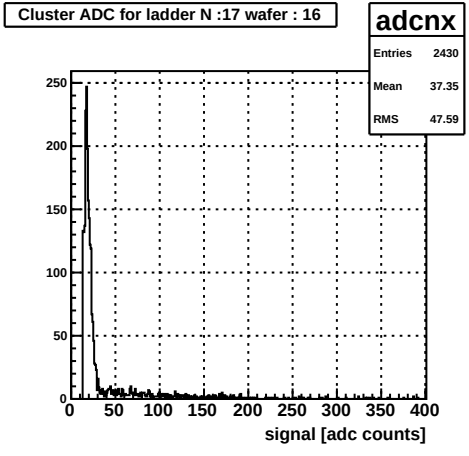

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4481
Mean 63.42
RMS 66.53
signal [adc counts]

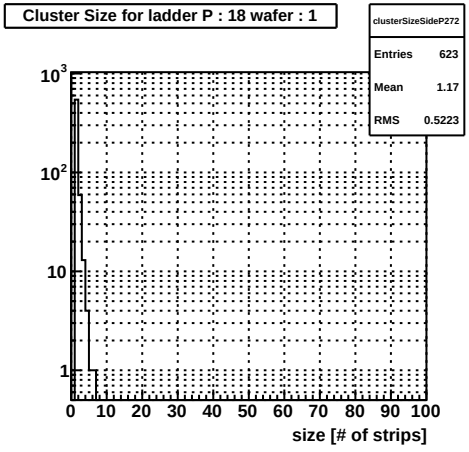

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2225
Mean 1.295
RMS 0.5769
size [# of strips]

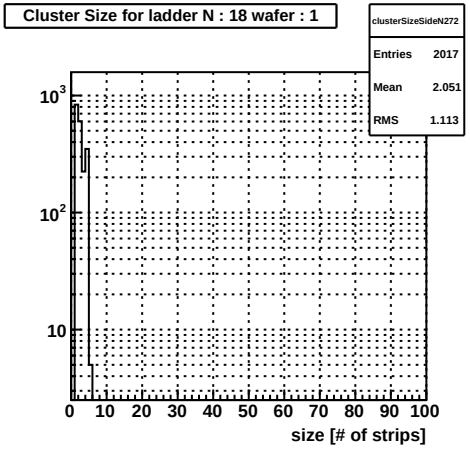

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2430
Mean 1.23
RMS 0.6474
size [# of strips]

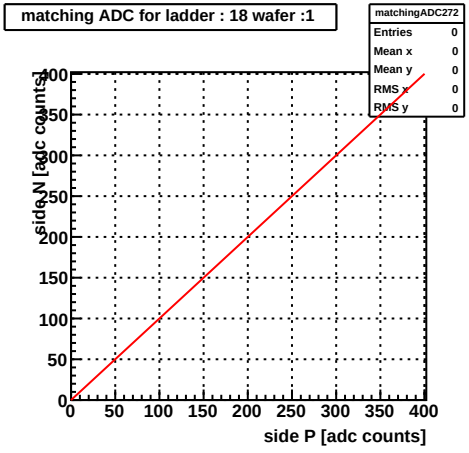

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 419
Mean x 104.4
Mean y 99.9
RMS x 66.9
RMS y 62.51
side N [adc counts]
side P [adc counts]

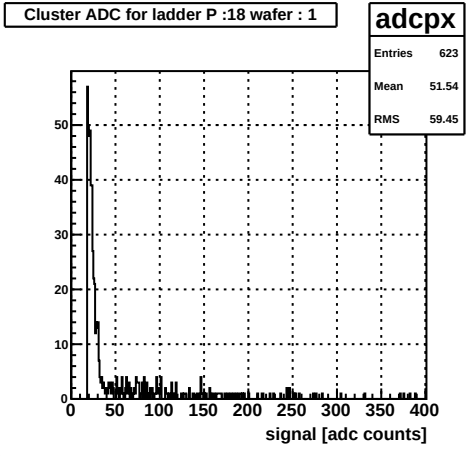

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2225
Mean 49.83
RMS 49.82
signal [adc counts]

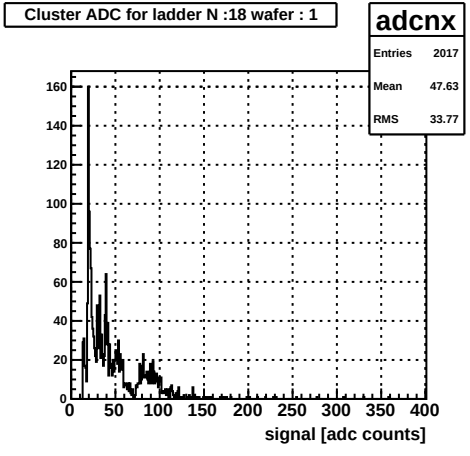

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2430
Mean 37.35
RMS 47.59
signal [adc counts]

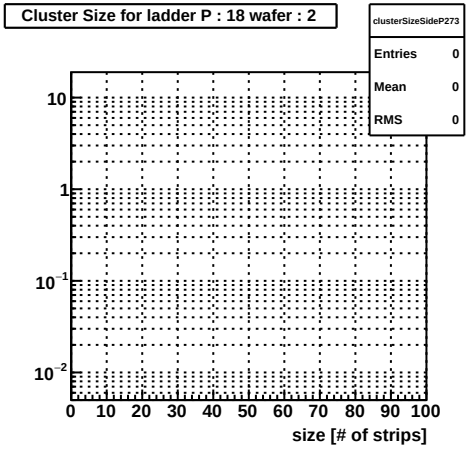

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 623
Mean 1.17
RMS 0.5223
size [# of strips]

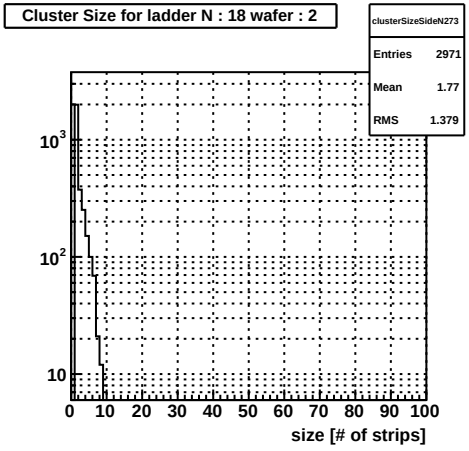

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2017
Mean 2.051
RMS 1.113
size [# of strips]

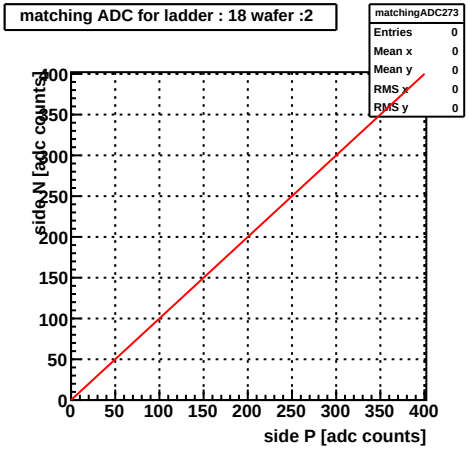

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

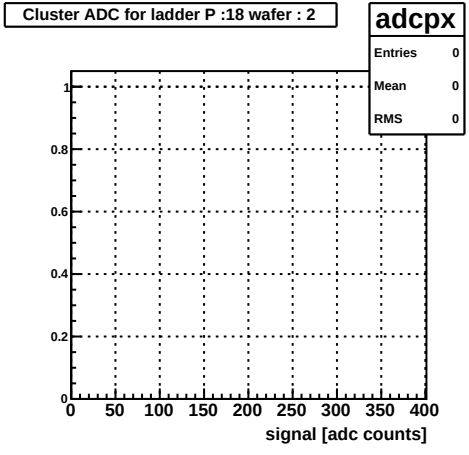

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 623
Mean 51.54
RMS 59.45
signal [adc counts]

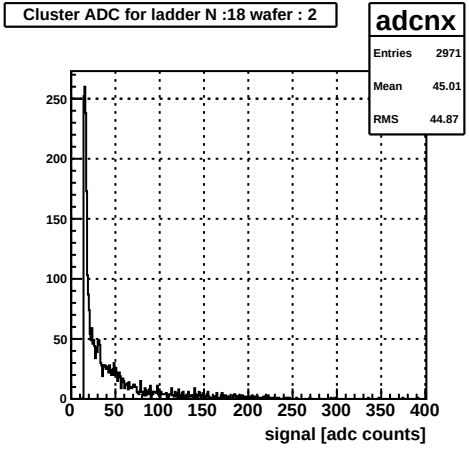

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2017
Mean 47.63
RMS 33.77
signal [adc counts]

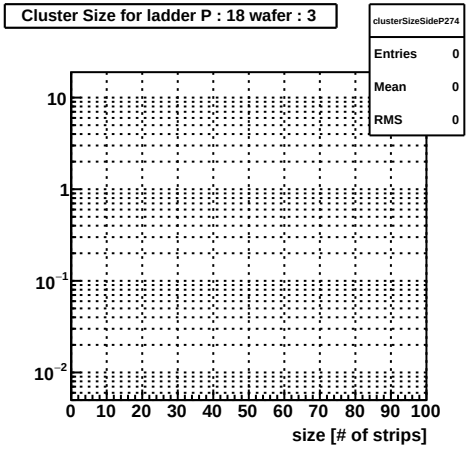

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

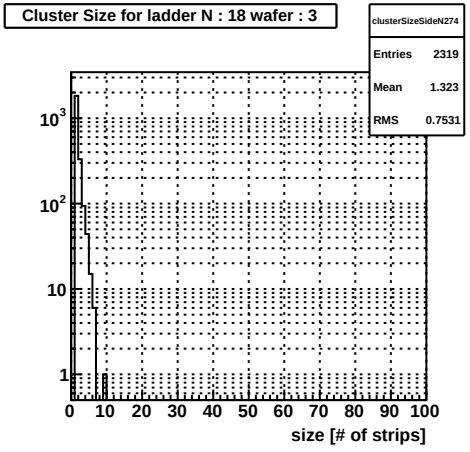

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2971
Mean 1.77
RMS 1.379
size [# of strips]

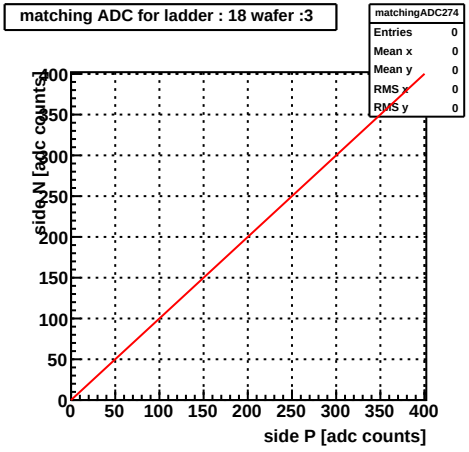

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

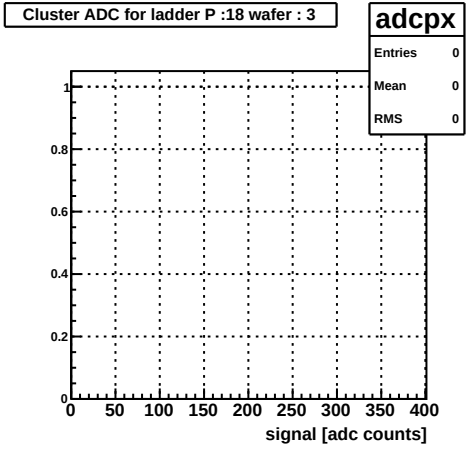

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

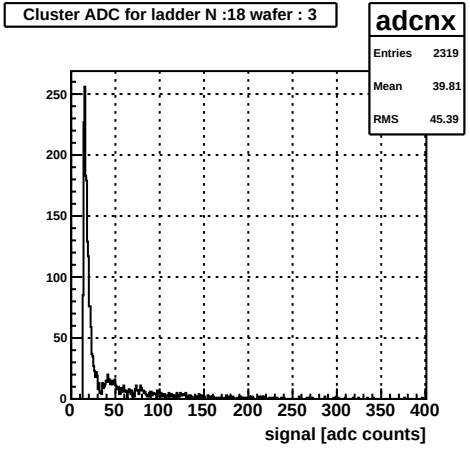

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2971
Mean 45.01
RMS 44.87
signal [adc counts]

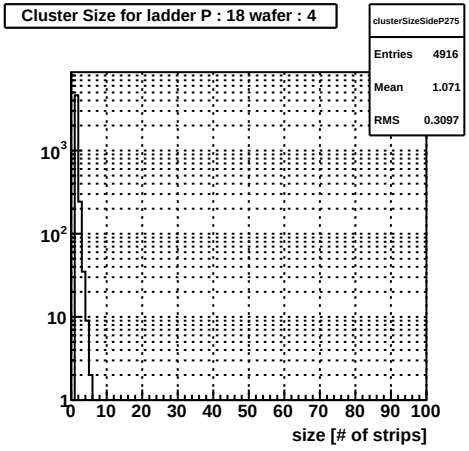

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

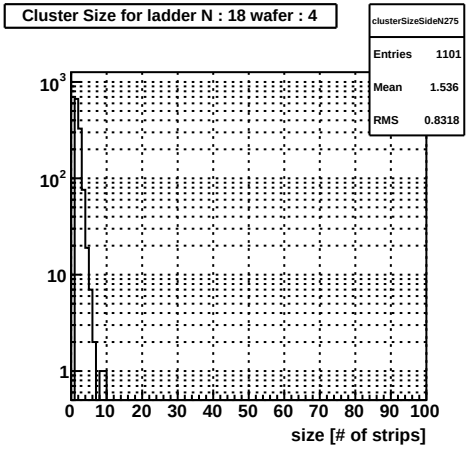

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2319
Mean 1.323
RMS 0.7531
size [# of strips]

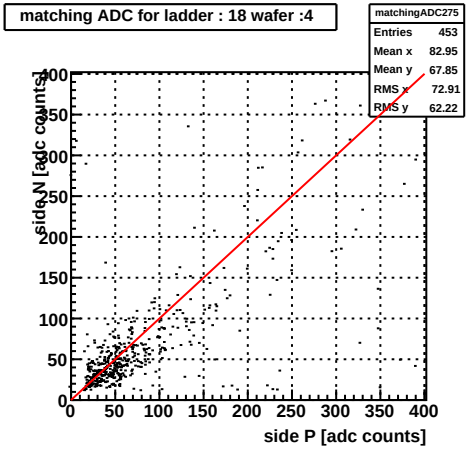

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

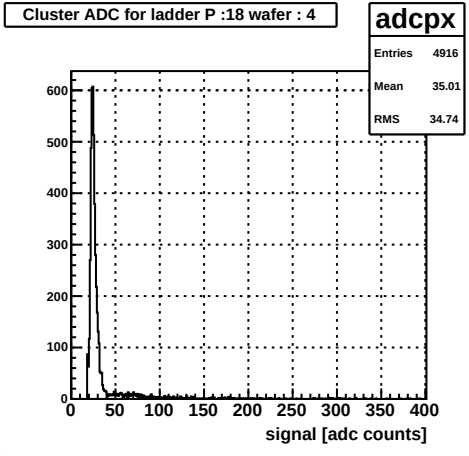

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

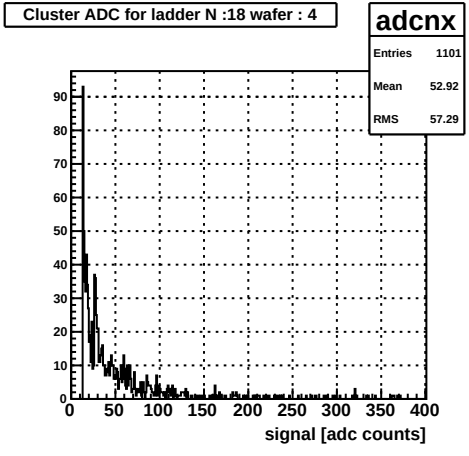

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2319
Mean 39.81
RMS 45.39
signal [adc counts]

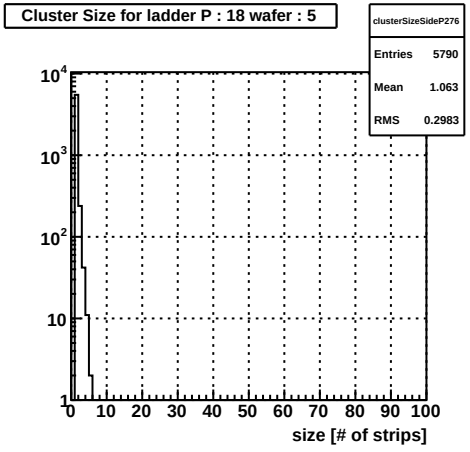

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4916
Mean 1.071
RMS 0.3097
size [# of strips]

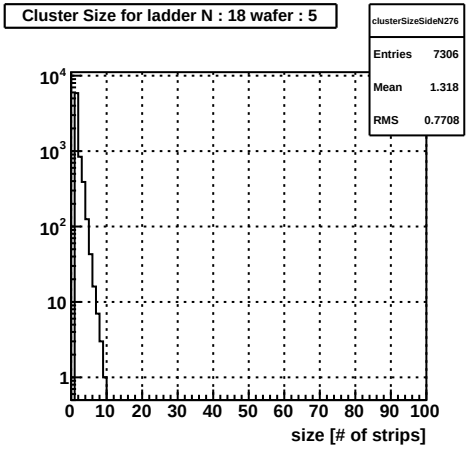

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1101
Mean 1.536
RMS 0.8318
size [# of strips]

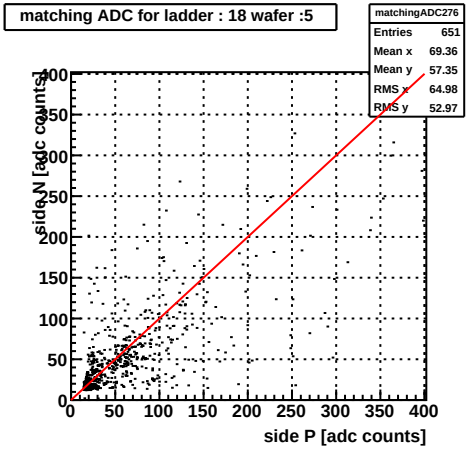

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 453
Mean x 82.95
Mean y 67.85
RMS x 72.91
RMS y 62.22
side N [adc counts]
side P [adc counts]

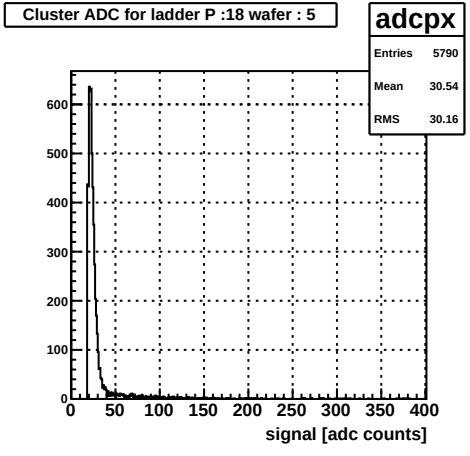

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4916
Mean 35.01
RMS 34.74
signal [adc counts]

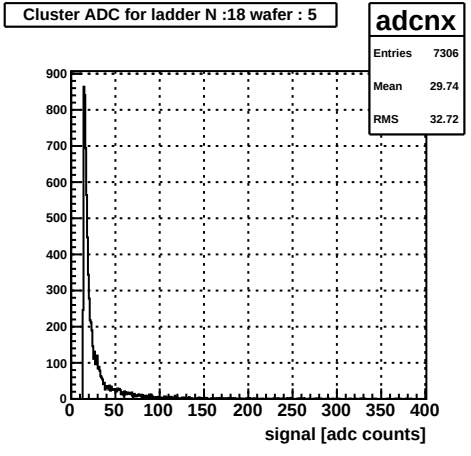

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1101
Mean 52.92
RMS 57.29
signal [adc counts]

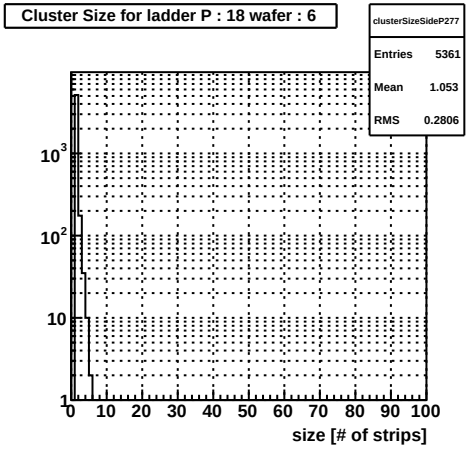

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5790
Mean 1.063
RMS 0.2983
size [# of strips]

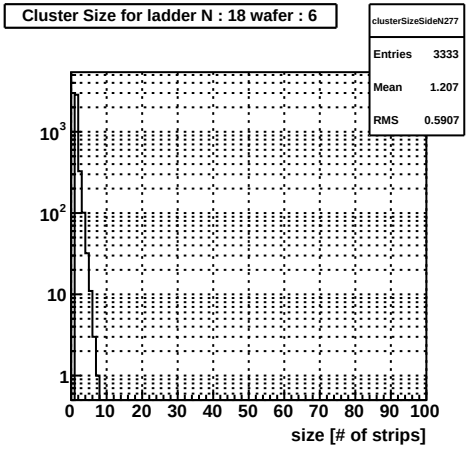

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7306
Mean 1.318
RMS 0.7708
size [# of strips]

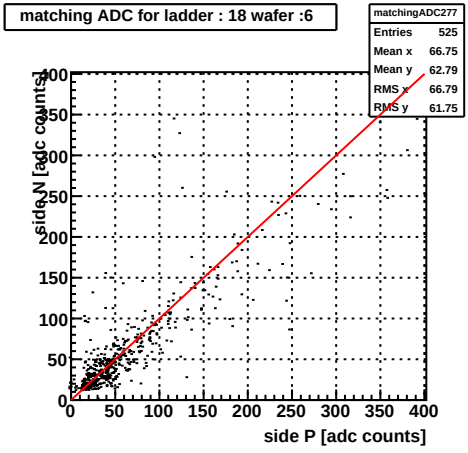

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 651
Mean x 69.36
Mean y 57.35
RMS x 64.98
RMS y 52.97
side N [adc counts]
side P [adc counts]

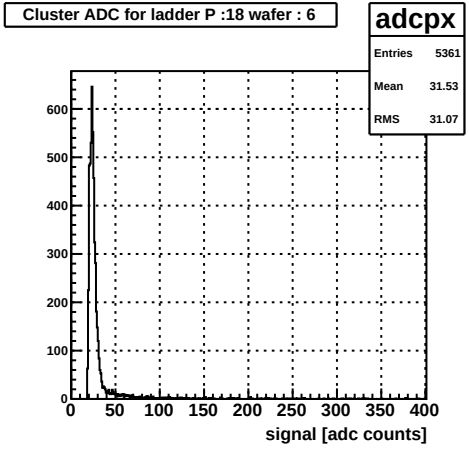

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5790
Mean 30.54
RMS 30.16
signal [adc counts]

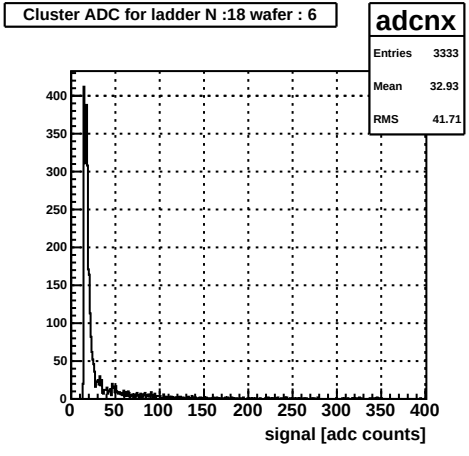

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7306
Mean 29.74
RMS 32.72
signal [adc counts]

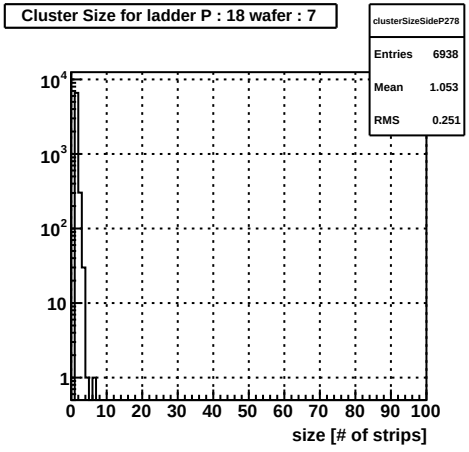

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5361
Mean 1.053
RMS 0.2806
size [# of strips]

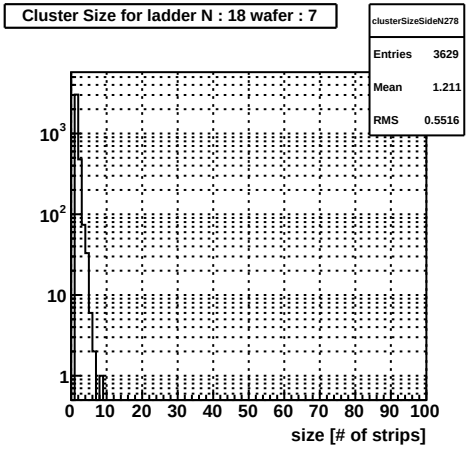

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3333
Mean 1.207
RMS 0.5907
size [# of strips]

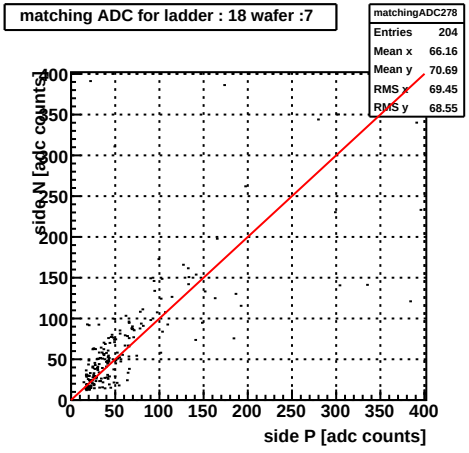

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 525
Mean x 66.75
Mean y 62.79
RMS x 66.79
RMS y 61.75
side N [adc counts]
side P [adc counts]

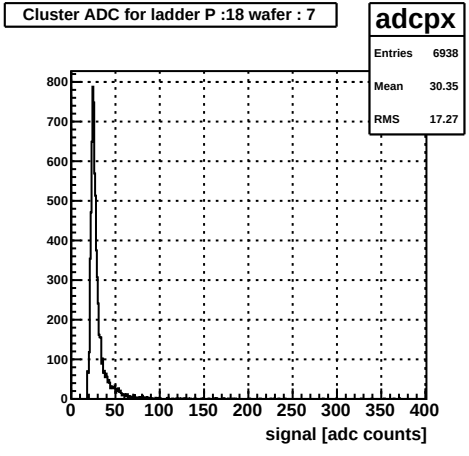

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5361
Mean 31.53
RMS 31.07
signal [adc counts]

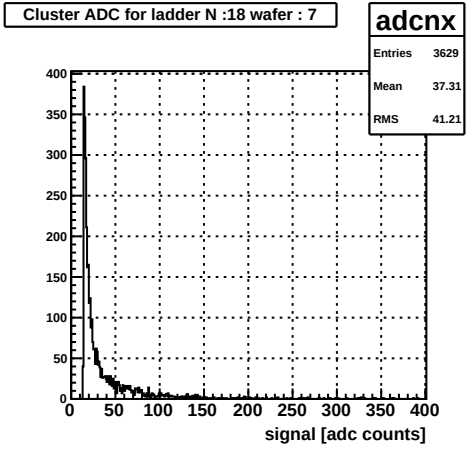

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3333
Mean 32.93
RMS 41.71
signal [adc counts]

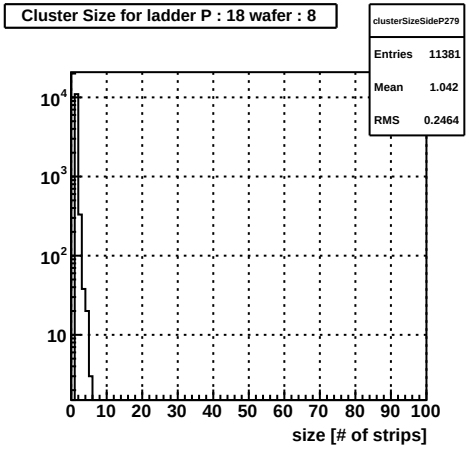

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6938
Mean 1.053
RMS 0.251
size [# of strips]

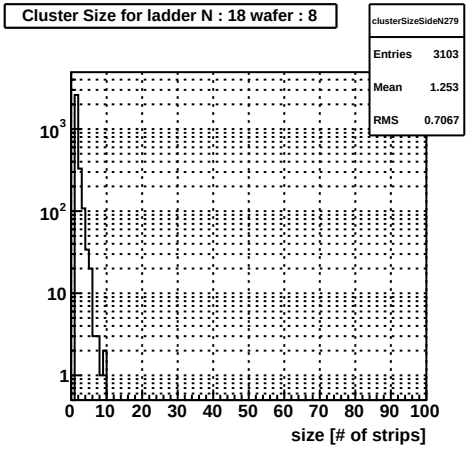

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3629
Mean 1.211
RMS 0.5516
size [# of strips]

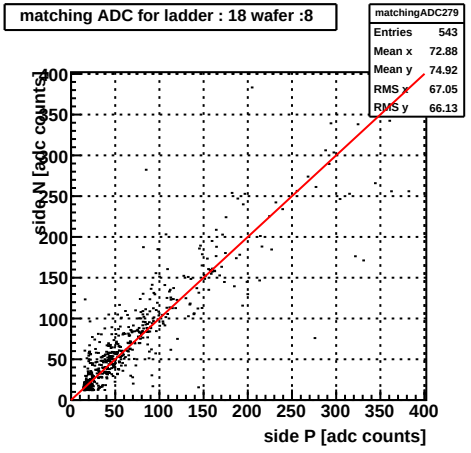

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 204
Mean x 66.16
Mean y 70.69
RMS x 69.45
RMS y 68.55
side N [adc counts]
side P [adc counts]

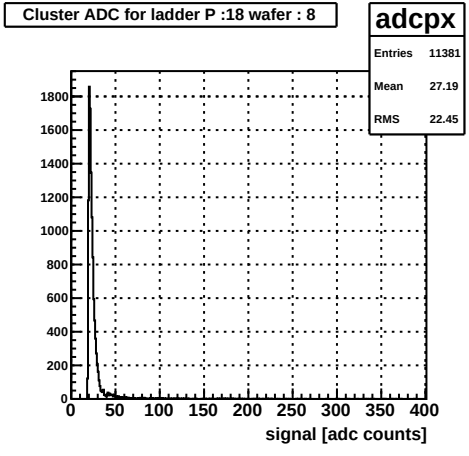

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6938
Mean 30.35
RMS 17.27
signal [adc counts]

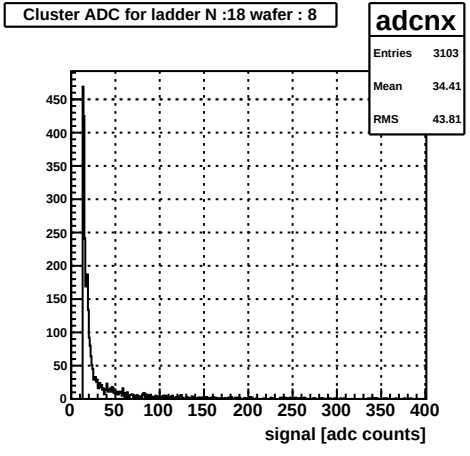

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3629
Mean 37.31
RMS 41.21
signal [adc counts]

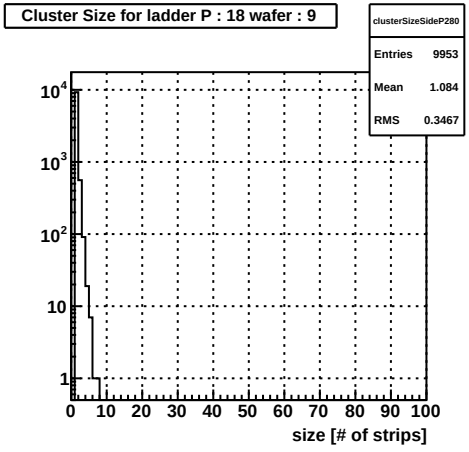

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11381
Mean 1.042
RMS 0.2464
size [# of strips]

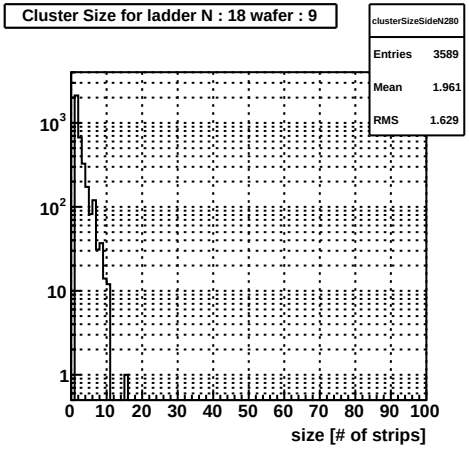

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3103
Mean 1.253
RMS 0.7067
size [# of strips]

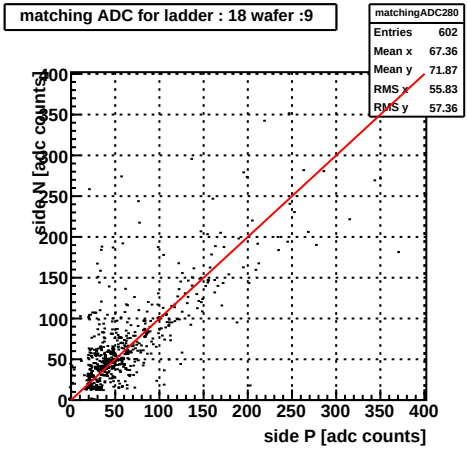

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 543
Mean x 72.88
Mean y 74.92
RMS x 67.05
RMS y 66.13
side N [adc counts]
side P [adc counts]

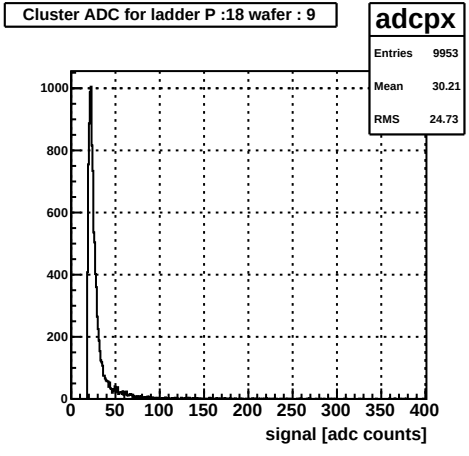

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11381
Mean 27.19
RMS 22.45
signal [adc counts]

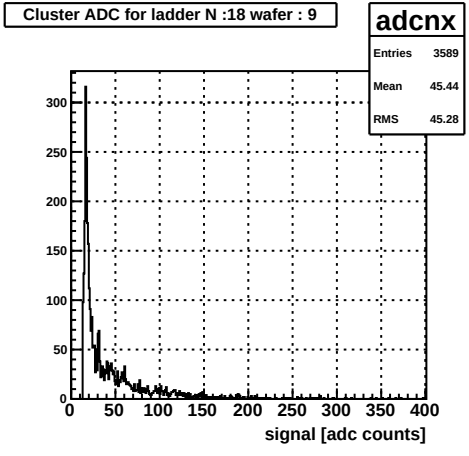

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3103
Mean 34.41
RMS 43.81
signal [adc counts]

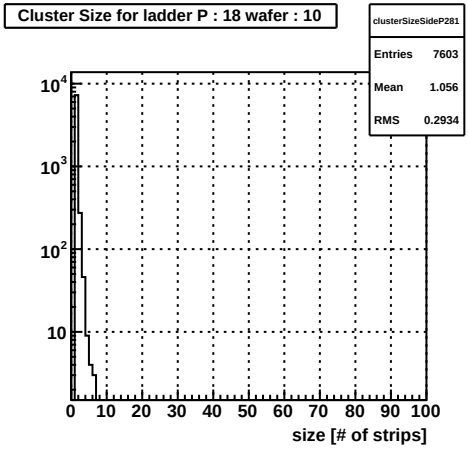

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 9953
Mean 1.084
RMS 0.3467
size [# of strips]

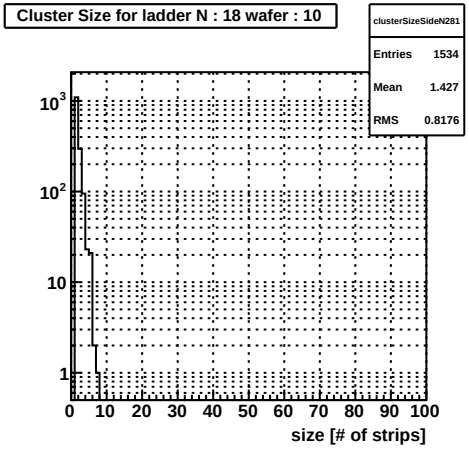

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3589
Mean 1.961
RMS 1.629
size [# of strips]

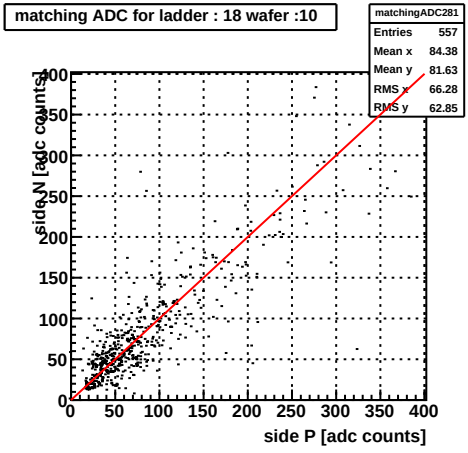

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 602
Mean x 67.36
Mean y 71.87
RMS x 55.83
RMS y 57.36
side N [adc counts]
side P [adc counts]

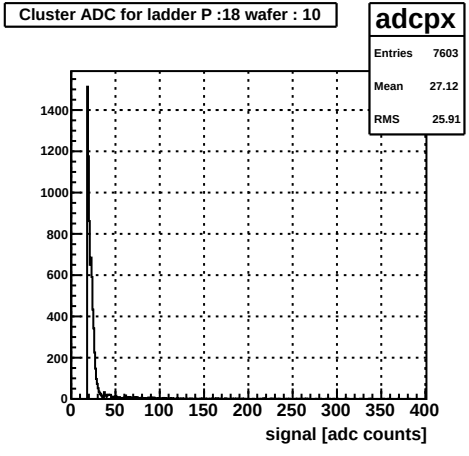

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 9953
Mean 30.21
RMS 24.73
signal [adc counts]

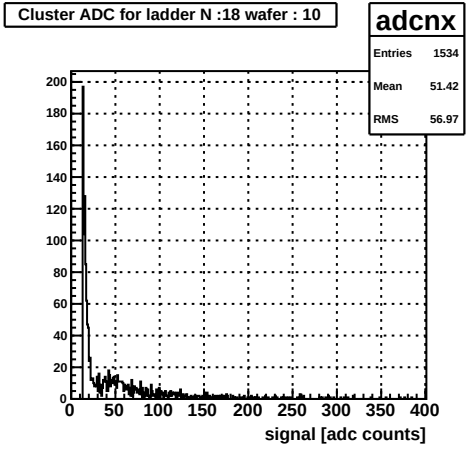

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3589
Mean 45.44
RMS 45.28
signal [adc counts]

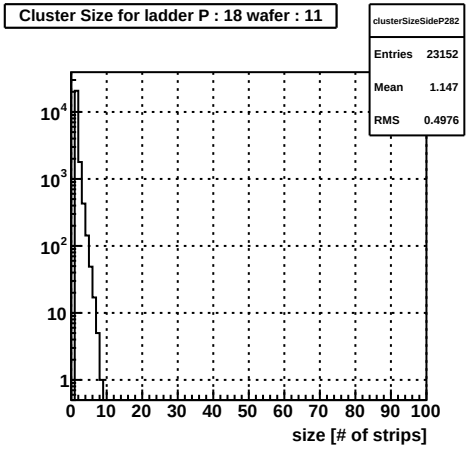

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7603
Mean 1.056
RMS 0.2934
size [# of strips]

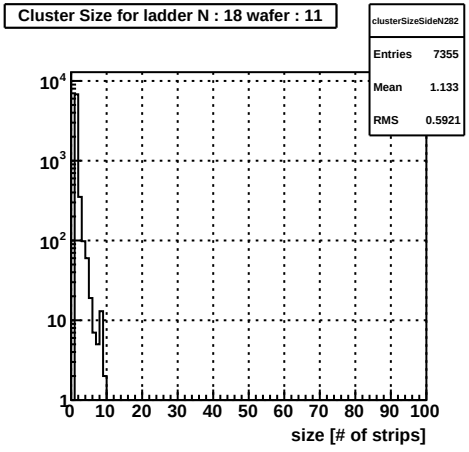

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1534
Mean 1.427
RMS 0.8176
size [# of strips]

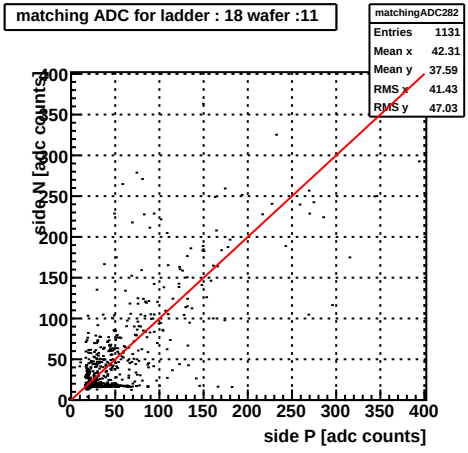

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 557
Mean x 84.38
Mean y 81.63
RMS x 66.28
RMS y 62.85
side N [adc counts]
side P [adc counts]

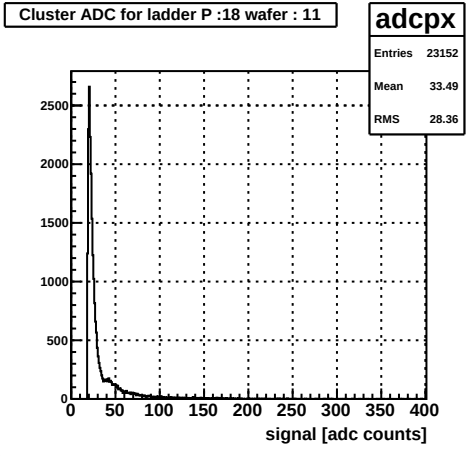

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7603
Mean 27.12
RMS 25.91
signal [adc counts]

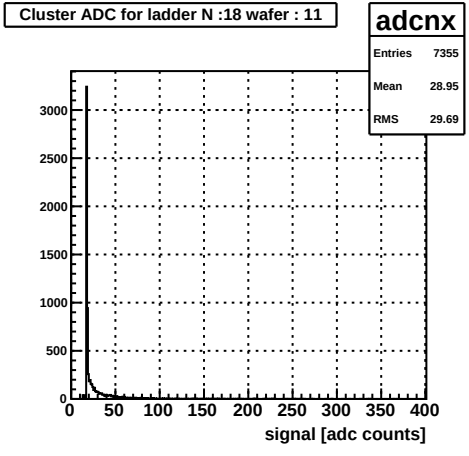

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1534
Mean 51.42
RMS 56.97
signal [adc counts]

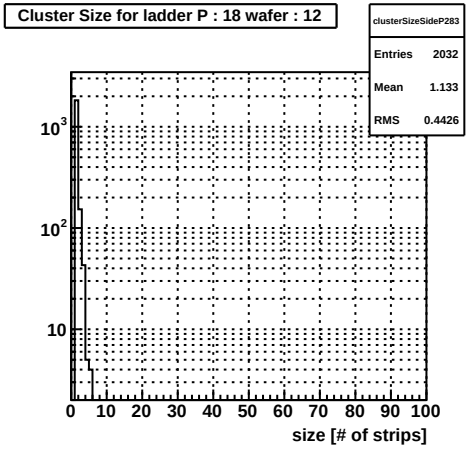

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23152
Mean 1.147
RMS 0.4976
size [# of strips]

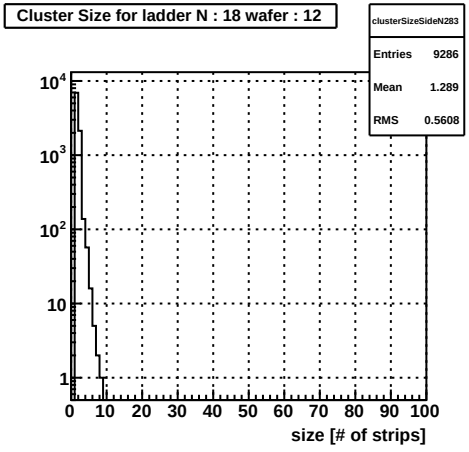

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7355
Mean 1.133
RMS 0.5921
size [# of strips]

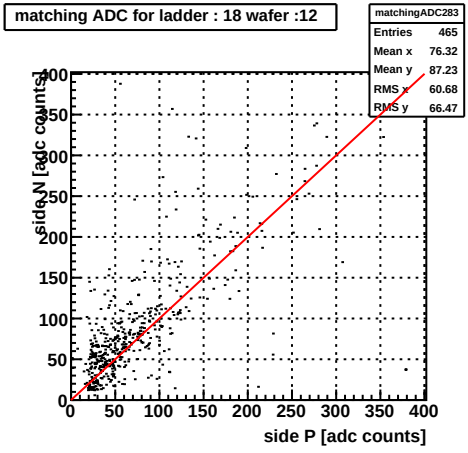

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1131
Mean x 42.31
Mean y 37.59
RMS x 41.43
RMS y 47.03
side N [adc counts]
side P [adc counts]

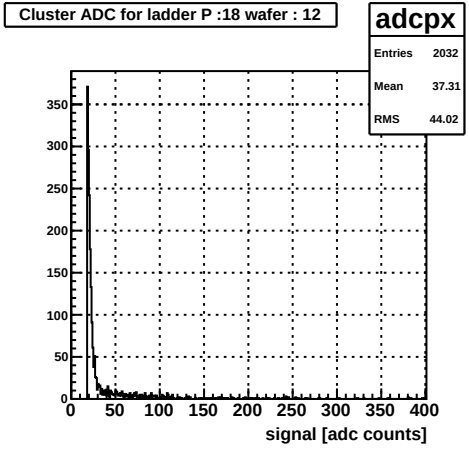

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23152
Mean 33.49
RMS 28.36
signal [adc counts]

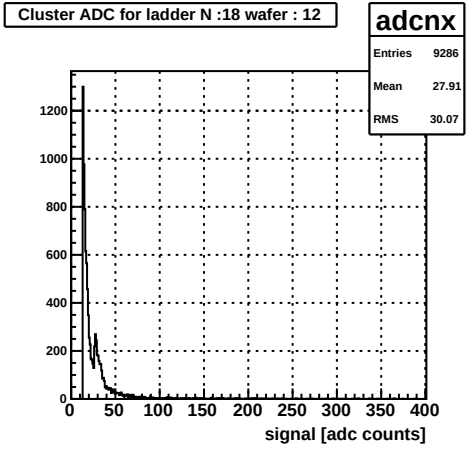

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7355
Mean 28.95
RMS 29.69
signal [adc counts]

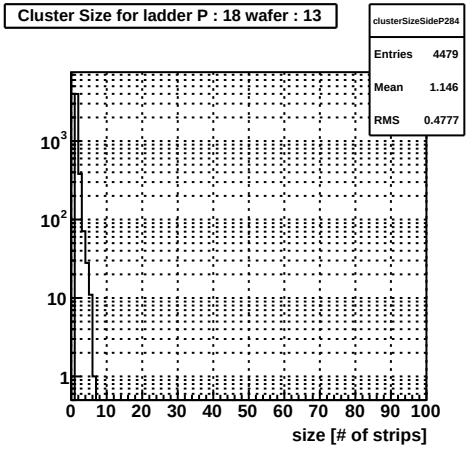

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2032
Mean 1.133
RMS 0.4426
size [# of strips]

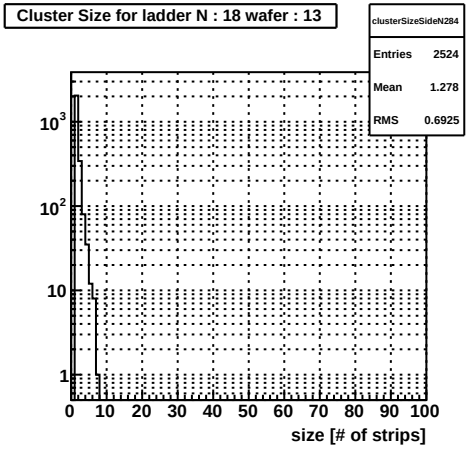

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9286
Mean 1.289
RMS 0.5608
size [# of strips]

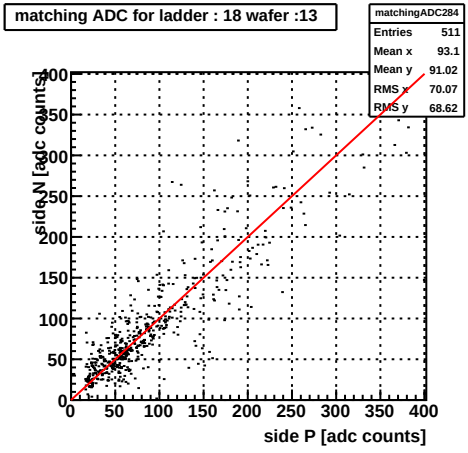

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 465
Mean x 76.32
Mean y 87.23
RMS x 60.68
RMS y 66.47
side N [adc counts]
side P [adc counts]

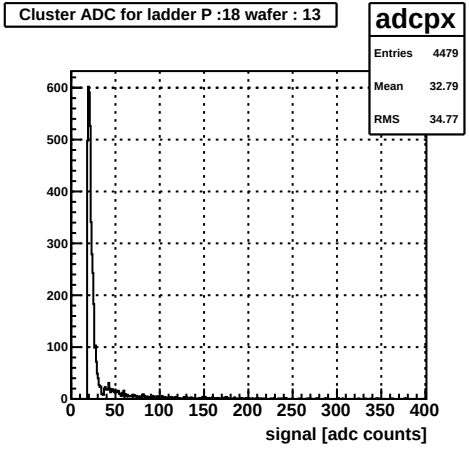

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2032
Mean 37.31
RMS 44.02
signal [adc counts]

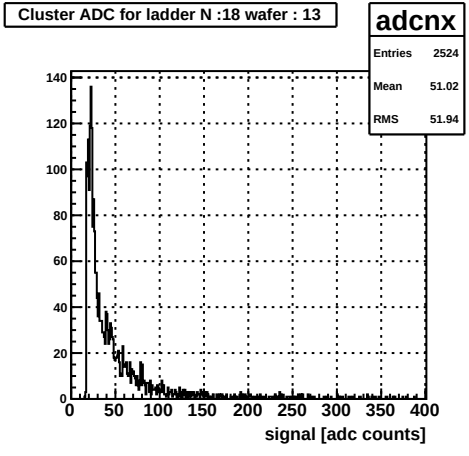

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9286
Mean 27.91
RMS 30.07
signal [adc counts]

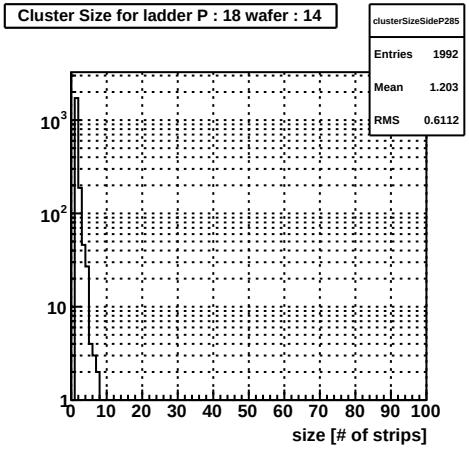

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4479
Mean 1.146
RMS 0.4777
size [# of strips]

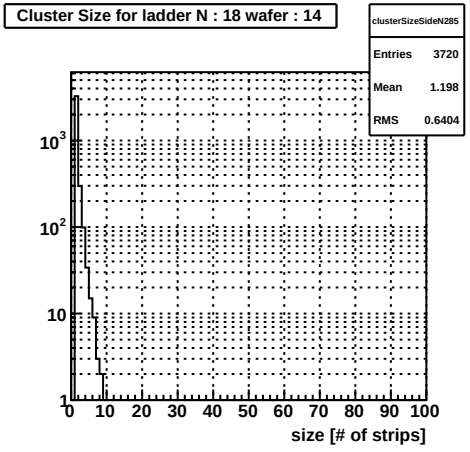

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2524
Mean 1.278
RMS 0.6925
size [# of strips]

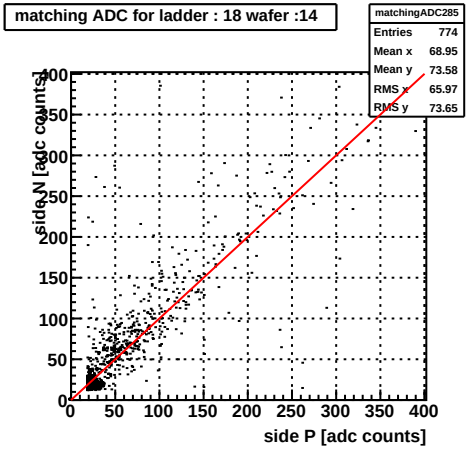

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 511
Mean x 93.1
Mean y 91.02
RMS x 70.07
RMS y 68.62
side N [adc counts]
side P [adc counts]

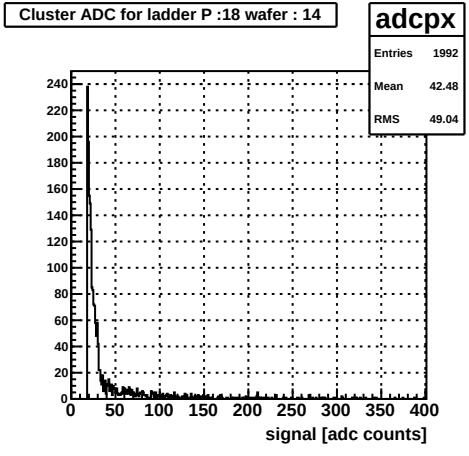

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4479
Mean 32.79
RMS 34.77
signal [adc counts]

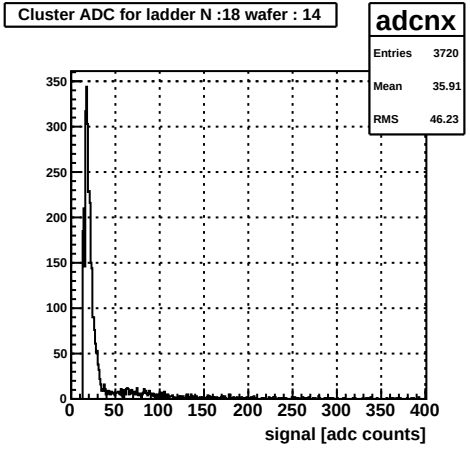

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2524
Mean 51.02
RMS 51.94
signal [adc counts]

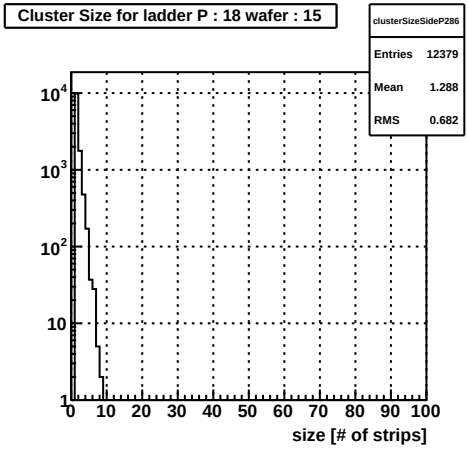

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1992
Mean 1.203
RMS 0.6112
size [# of strips]

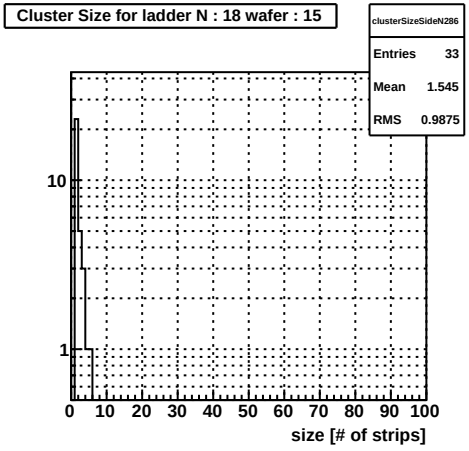

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3720
Mean 1.198
RMS 0.6404
size [# of strips]

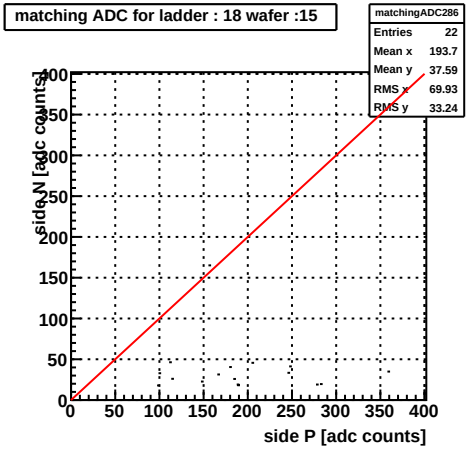

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 774
Mean x 68.95
Mean y 73.58
RMS x 65.97
RMS y 73.65
side N [adc counts]
side P [adc counts]

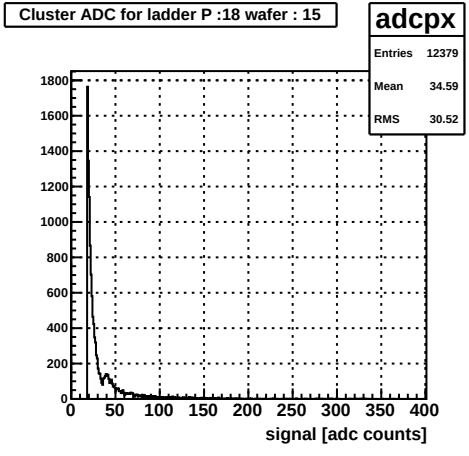

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1992
Mean 42.48
RMS 49.04
signal [adc counts]

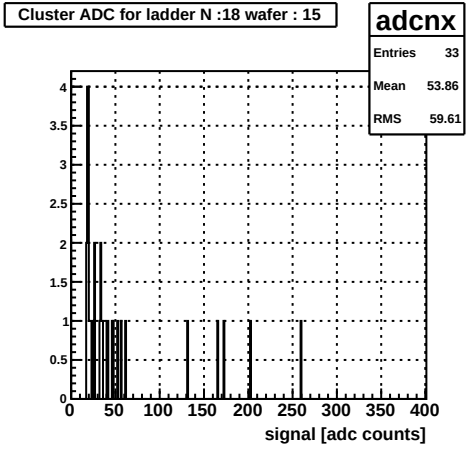

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3720
Mean 35.91
RMS 46.23
signal [adc counts]

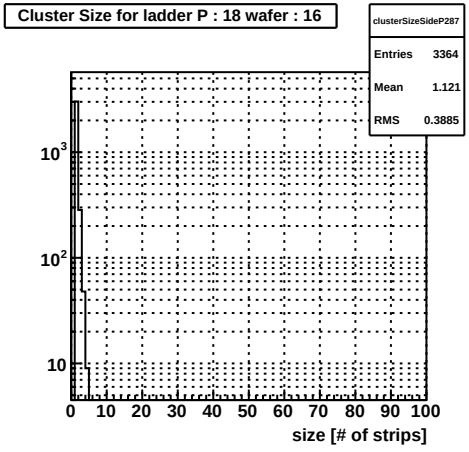

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12379
Mean 1.288
RMS 0.682
size [# of strips]

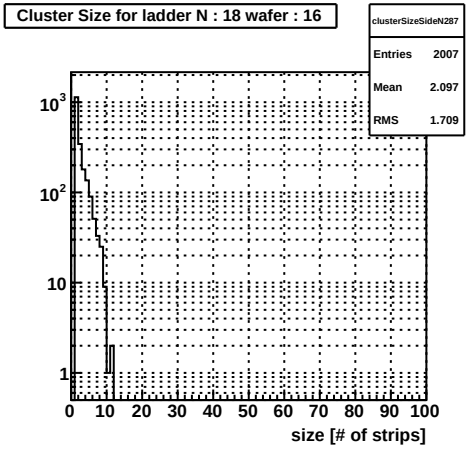

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 33
Mean 1.545
RMS 0.9875
size [# of strips]

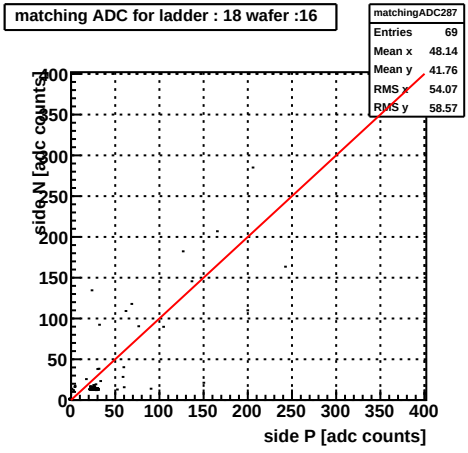

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 22
Mean x 193.7
Mean y 37.59
RMS x 69.93
RMS y 33.24
side N [adc counts]
side P [adc counts]

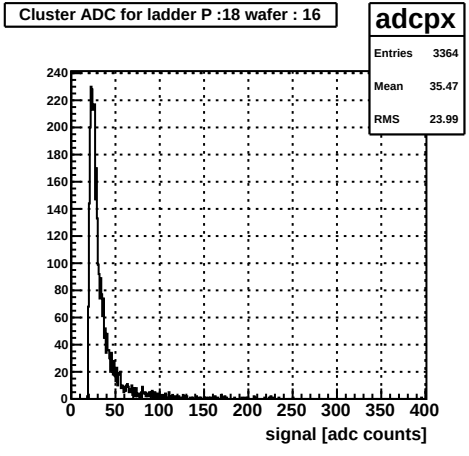

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12379
Mean 34.59
RMS 30.52
signal [adc counts]

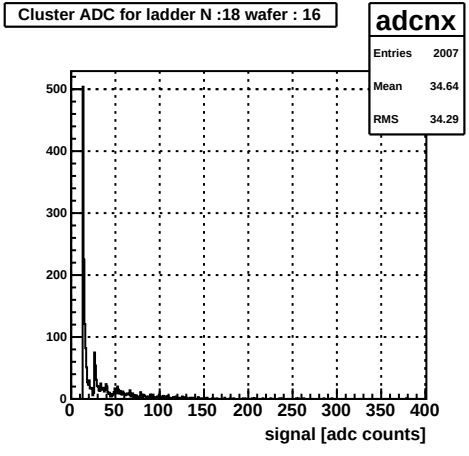

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 33
Mean 53.86
RMS 59.61
signal [adc counts]

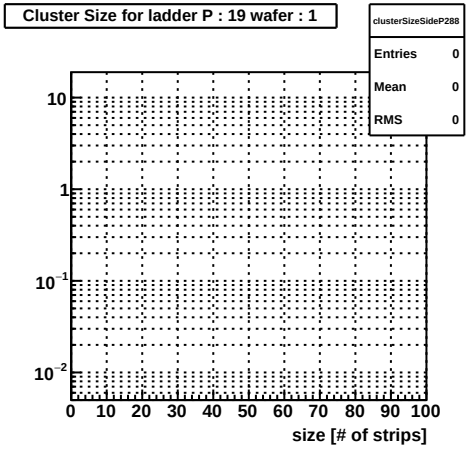

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3364
Mean 1.121
RMS 0.3885
size [# of strips]

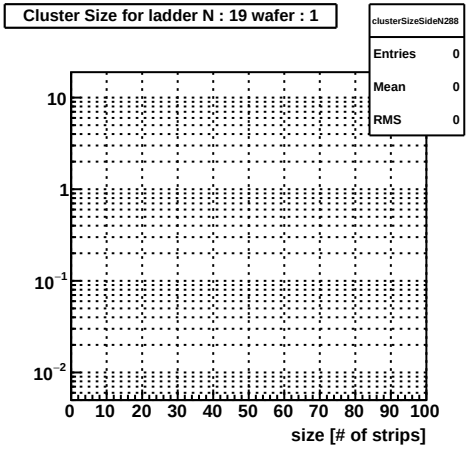

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2007
Mean 2.097
RMS 1.709
size [# of strips]

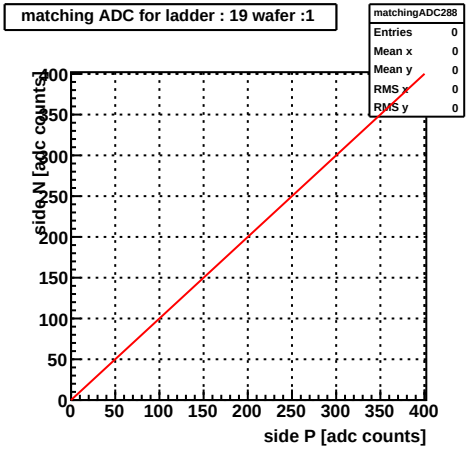

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 69
Mean x 48.14
Mean y 41.76
RMS x 54.07
RMS y 58.57
side N [adc counts]
side P [adc counts]

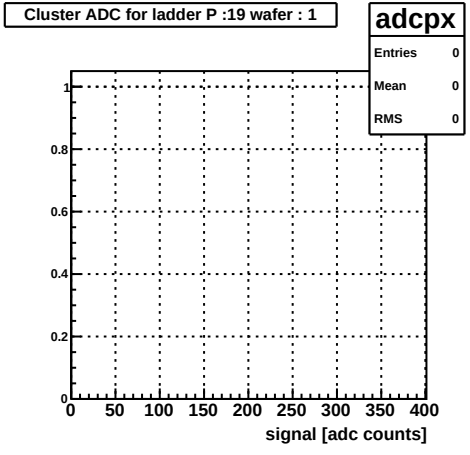

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3364
Mean 35.47
RMS 23.99
signal [adc counts]

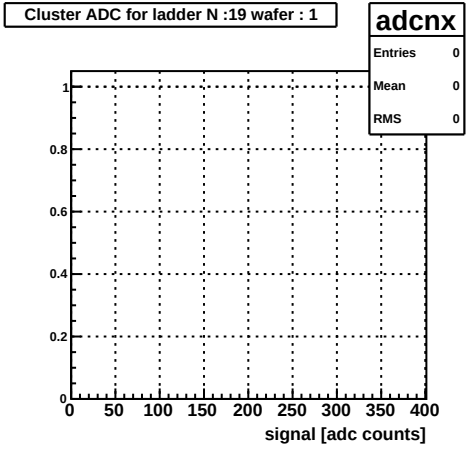

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2007
Mean 34.64
RMS 34.29
signal [adc counts]

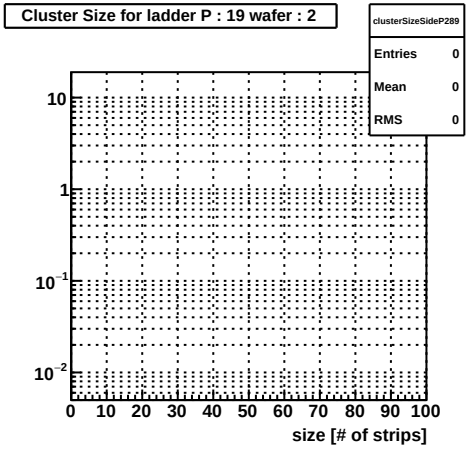

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

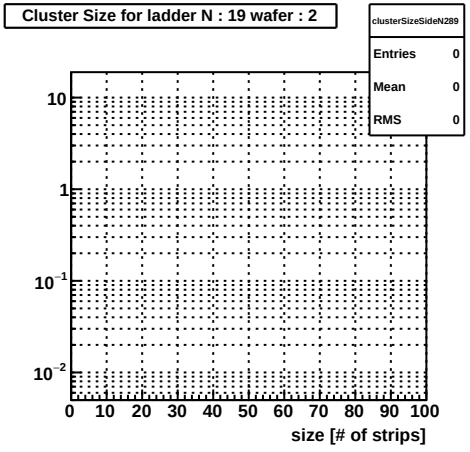

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

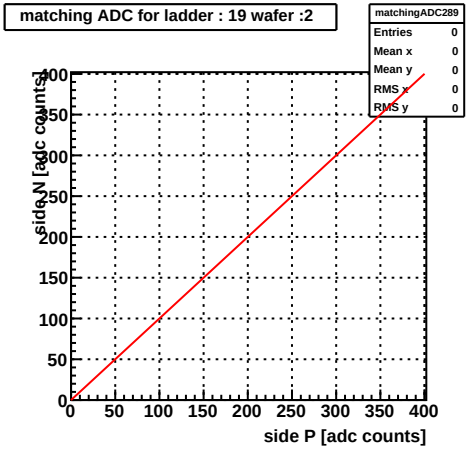

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

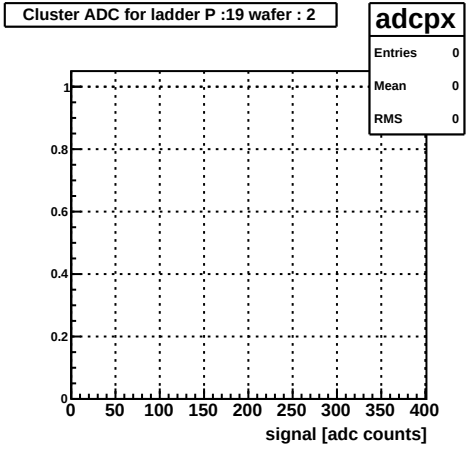

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

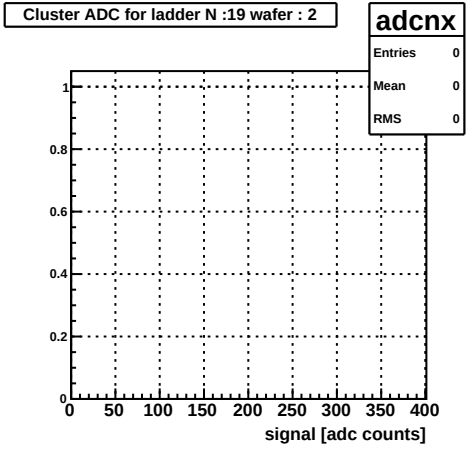

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

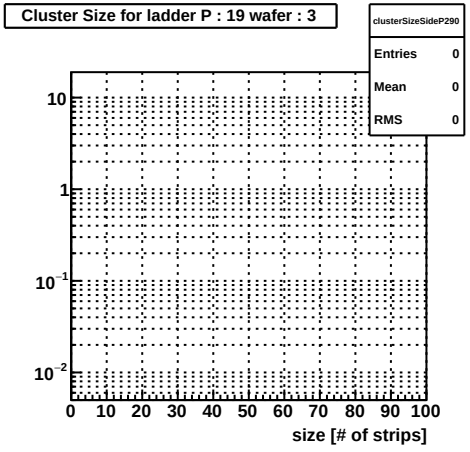

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

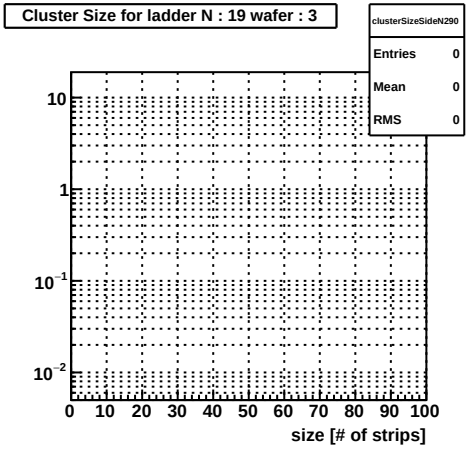

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

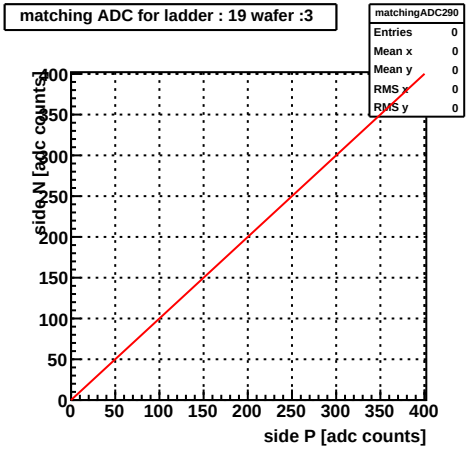

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

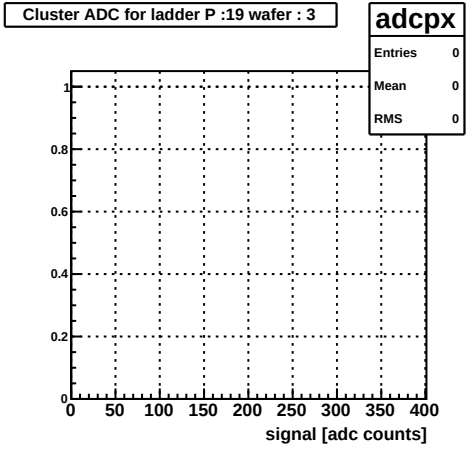

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

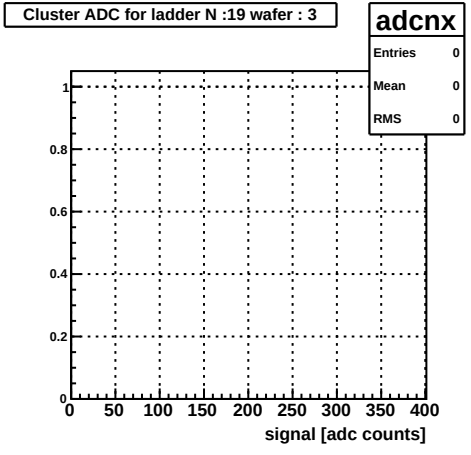

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

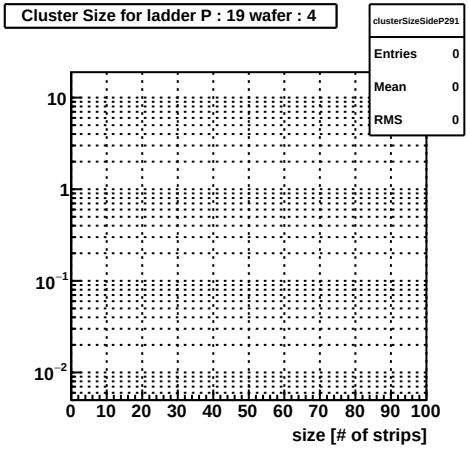

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

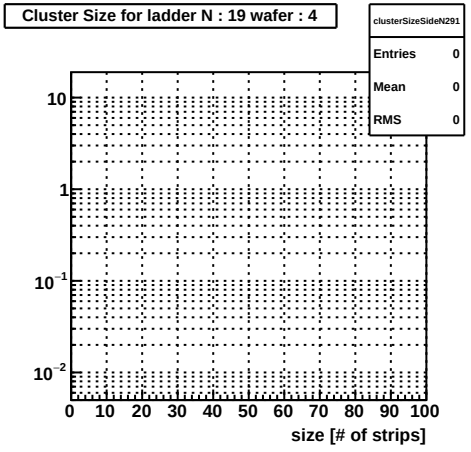

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

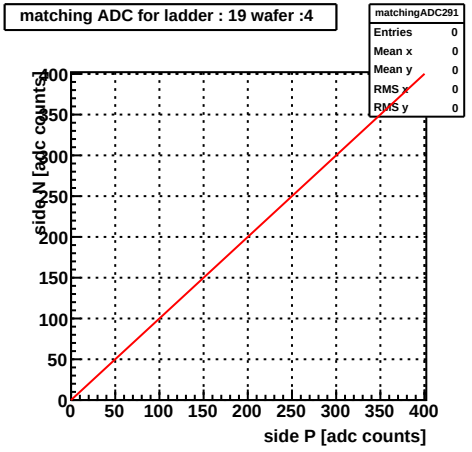

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

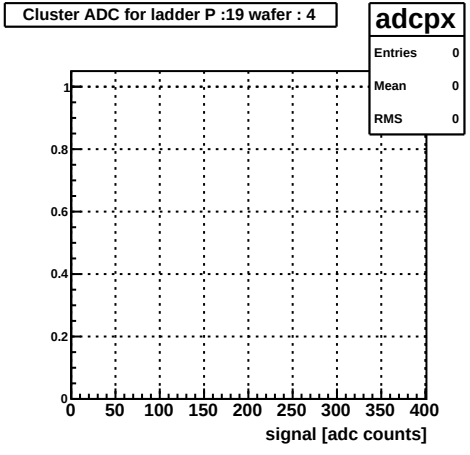

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

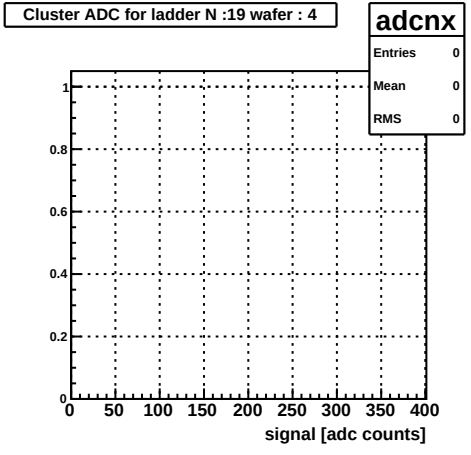

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

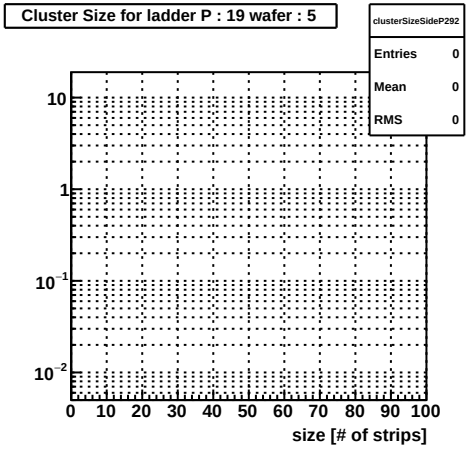

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

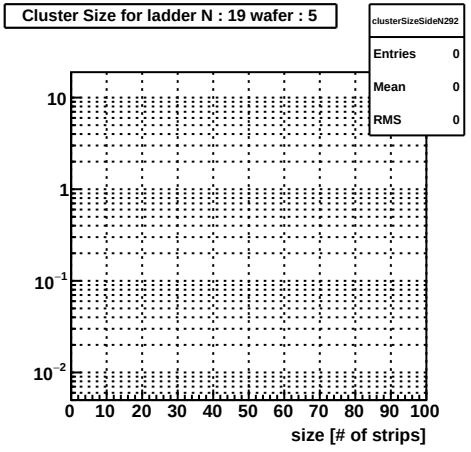

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

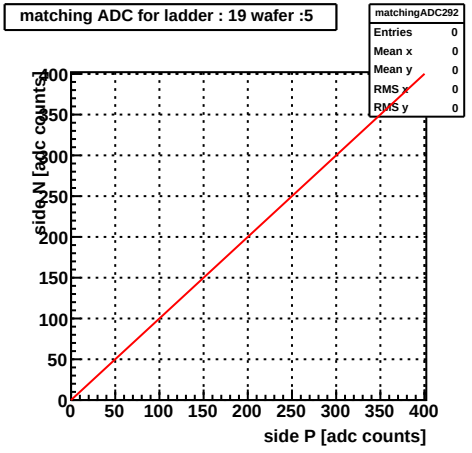

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

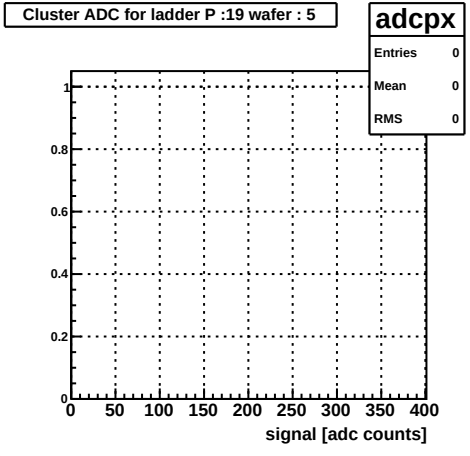

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

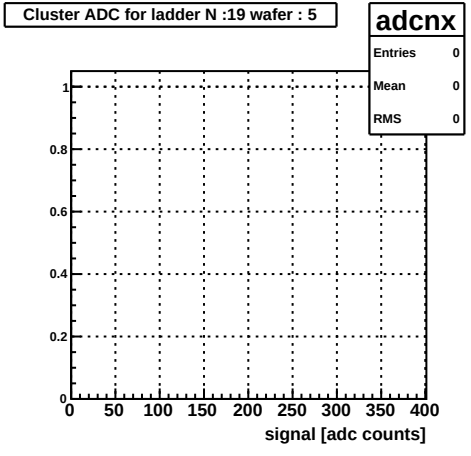

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

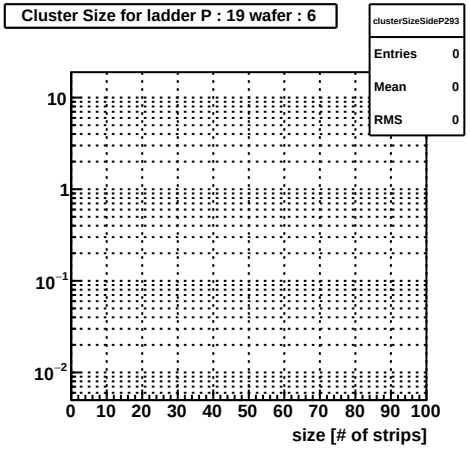

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

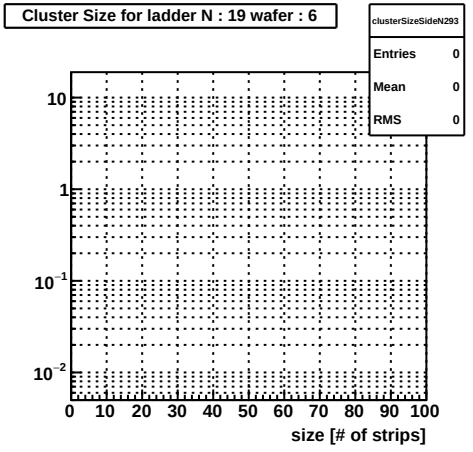

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

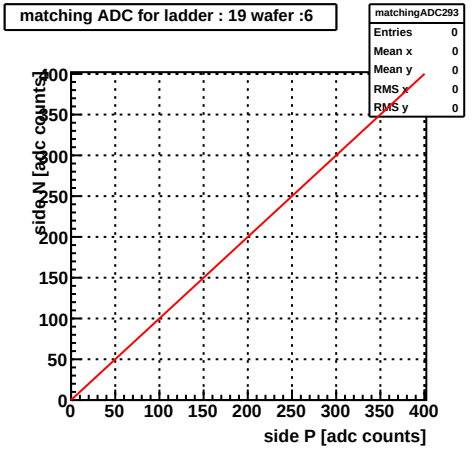

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

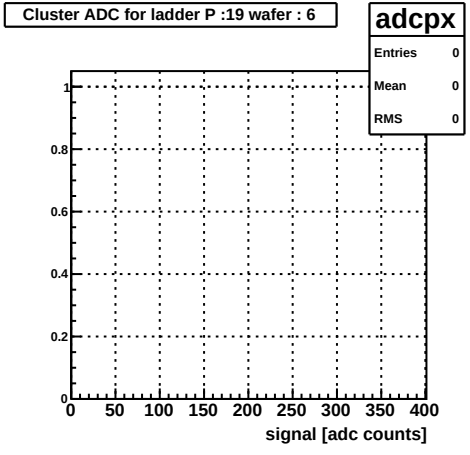

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

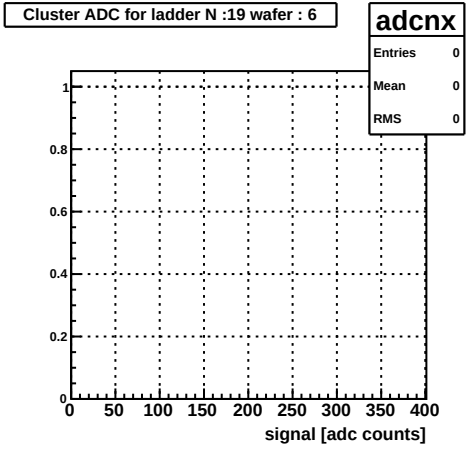

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

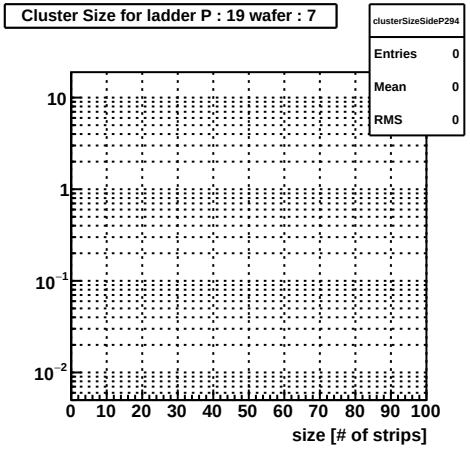

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

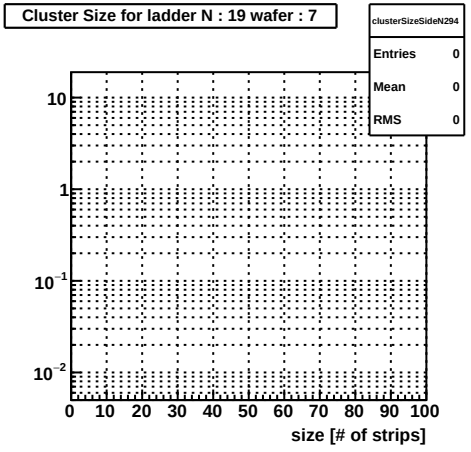

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

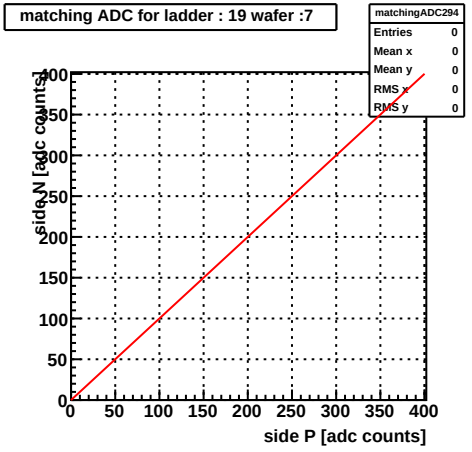

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

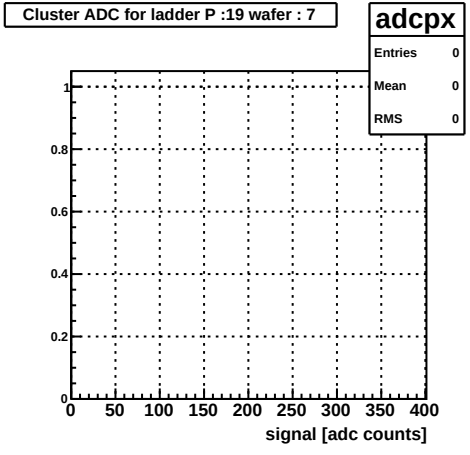

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

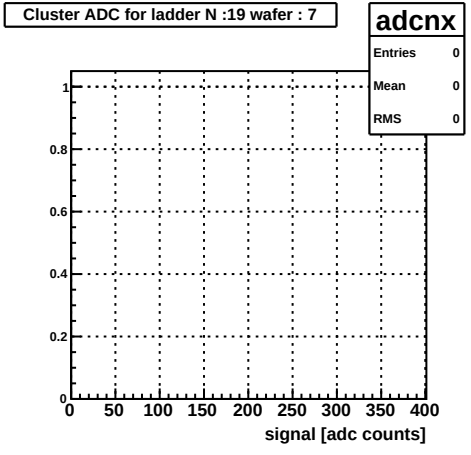

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

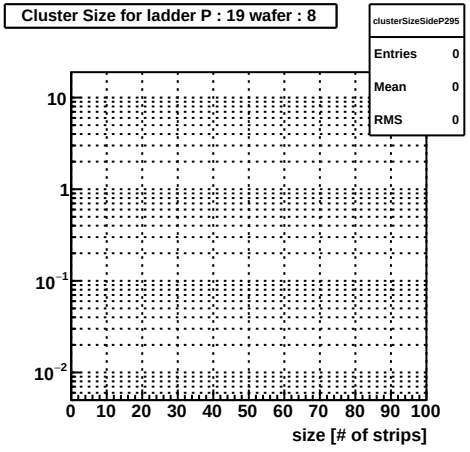

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

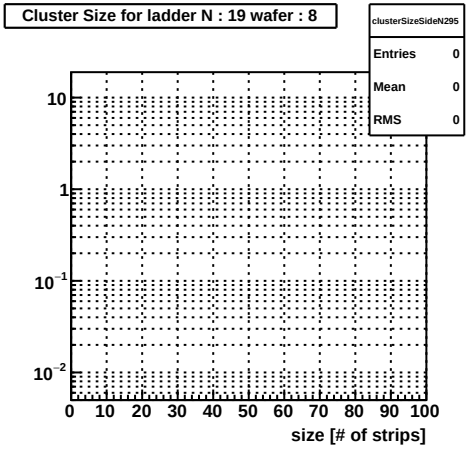

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

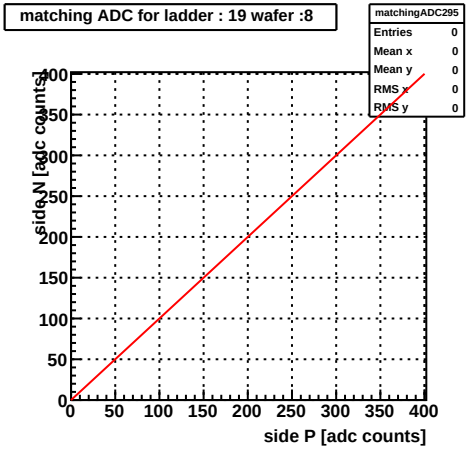

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

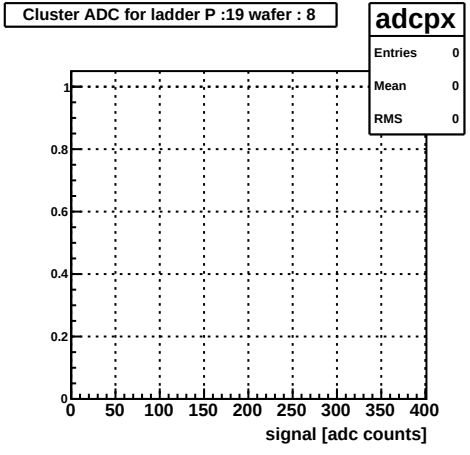

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

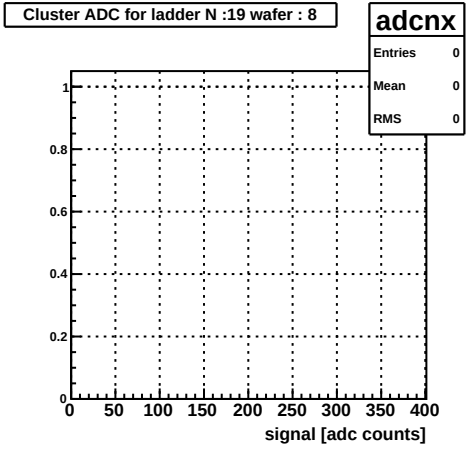

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

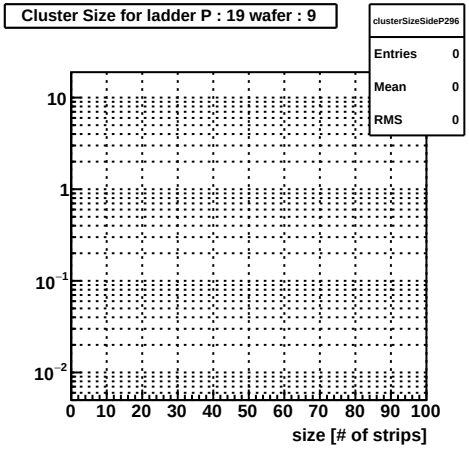

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

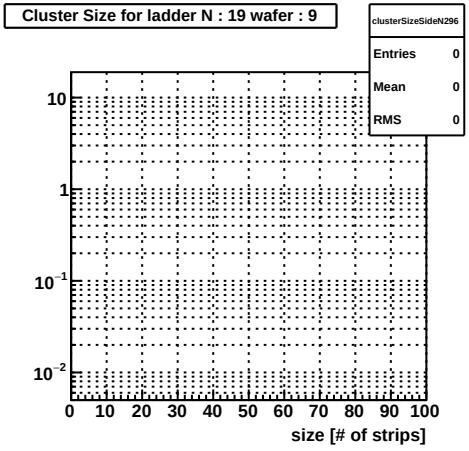

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

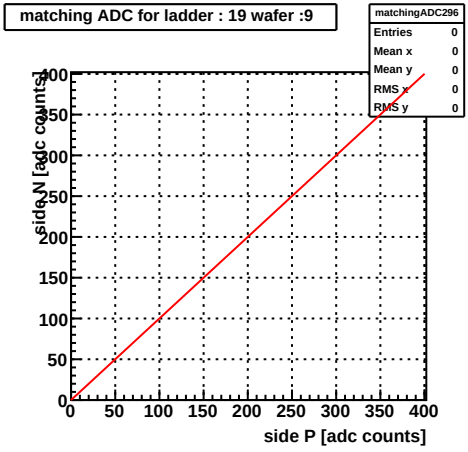

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

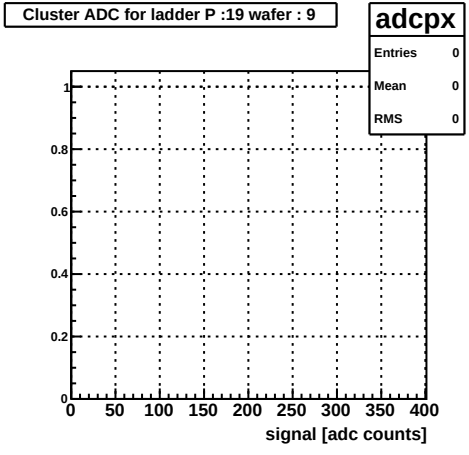

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

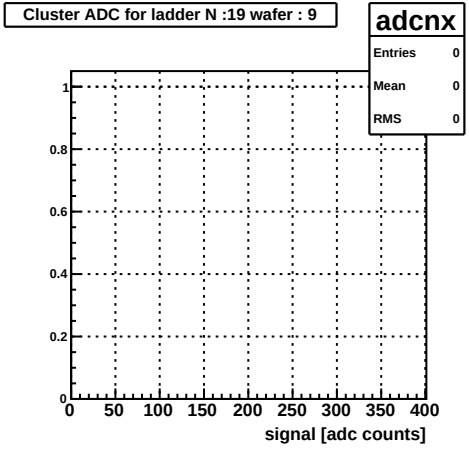

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

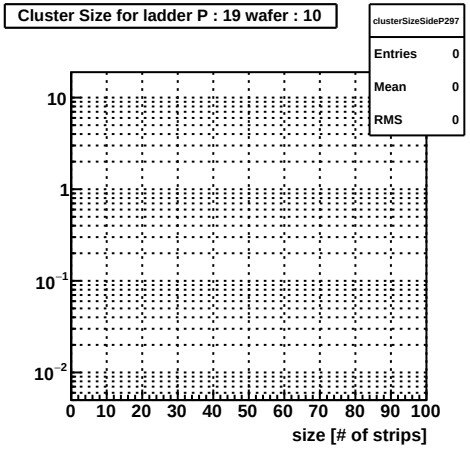

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

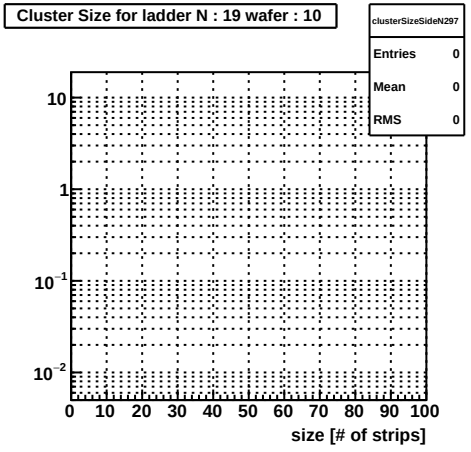

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

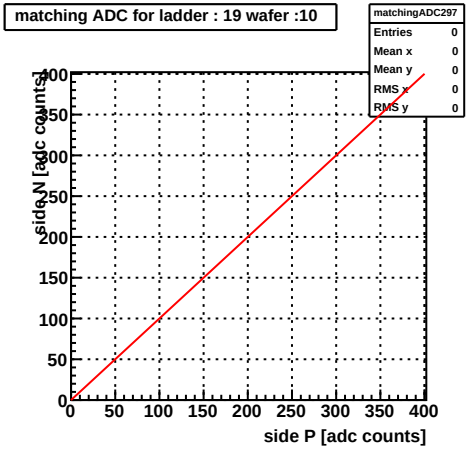

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

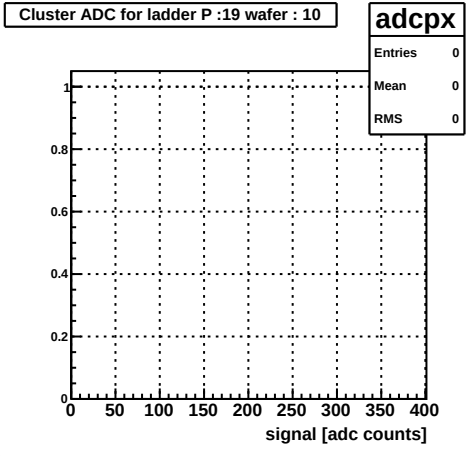

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

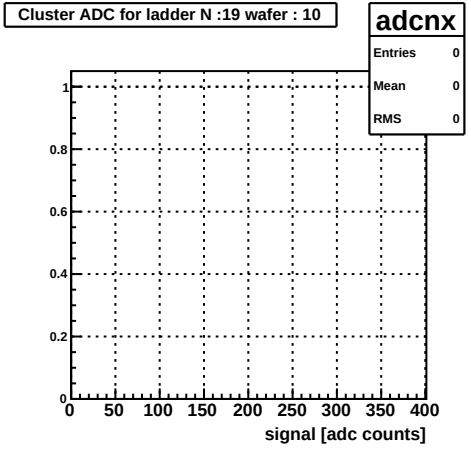

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

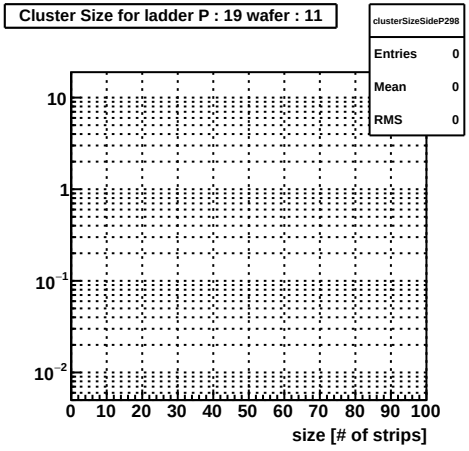

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

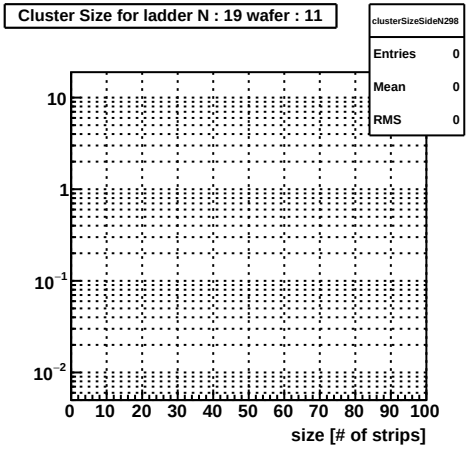

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

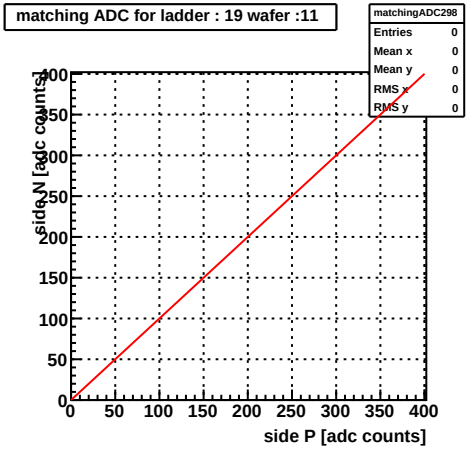

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

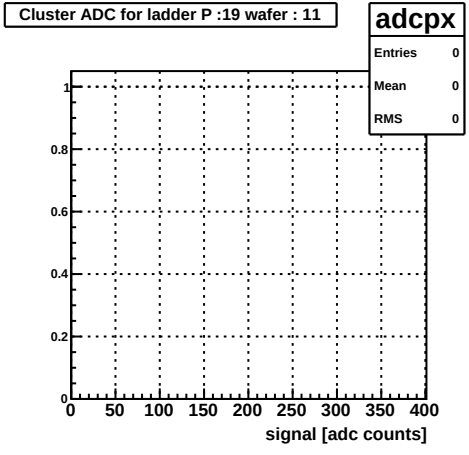

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

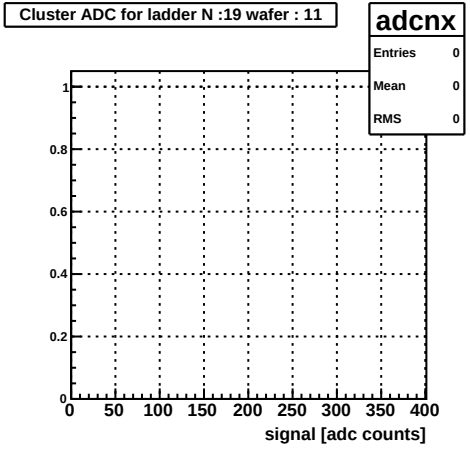

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

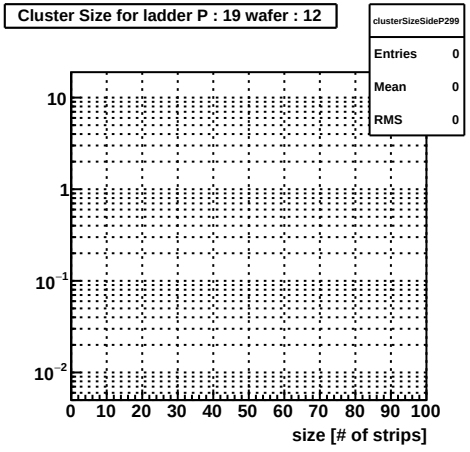

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

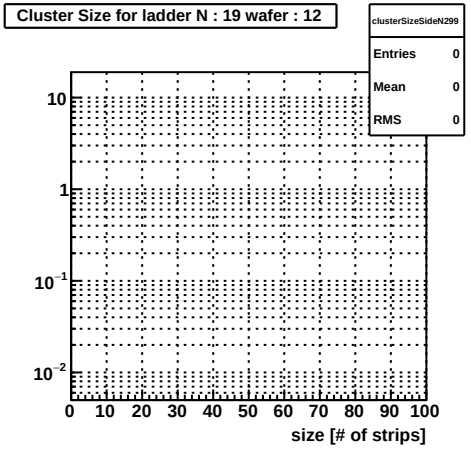

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

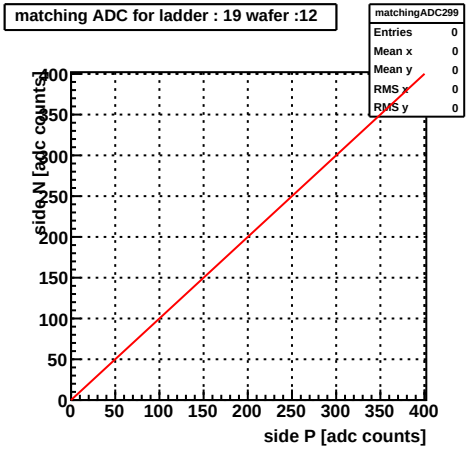

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

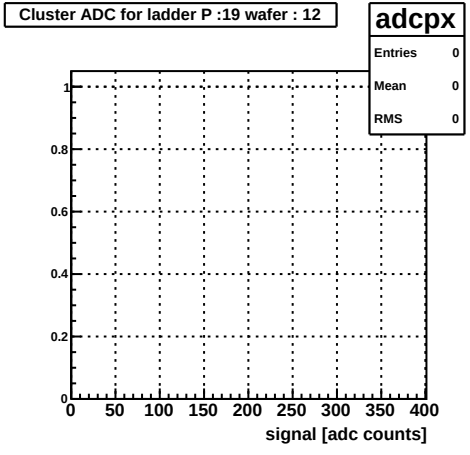

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

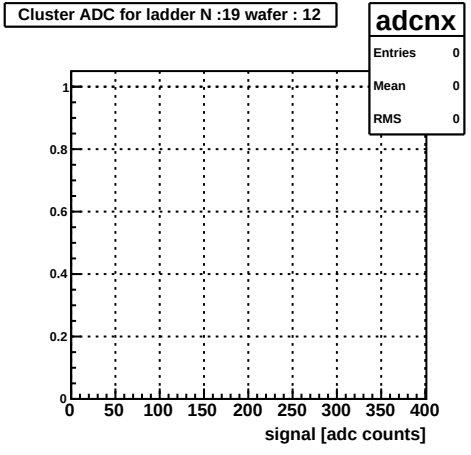

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

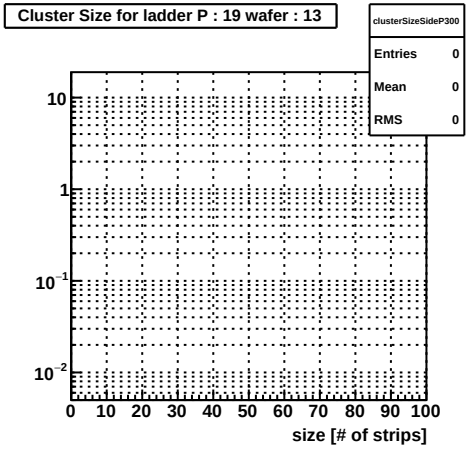

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

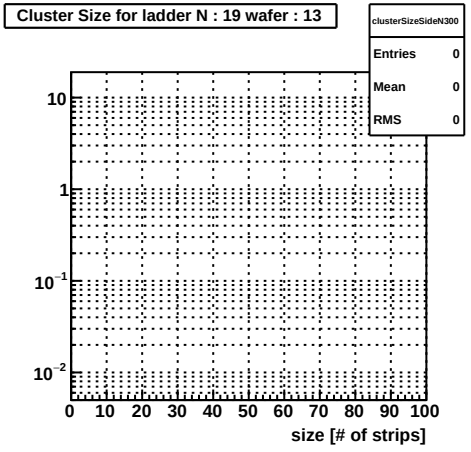

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

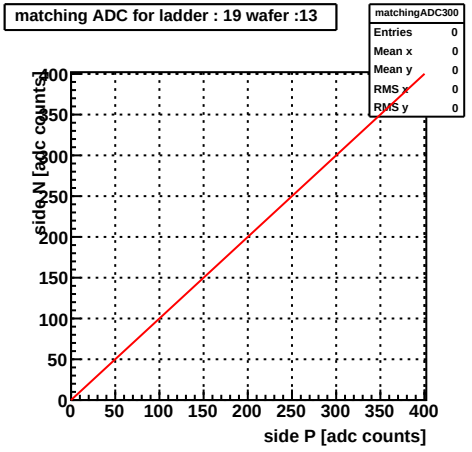

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

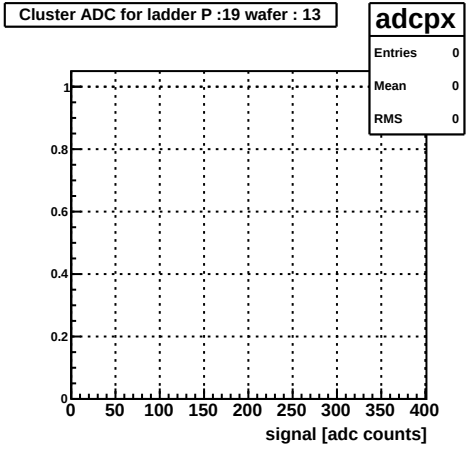

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

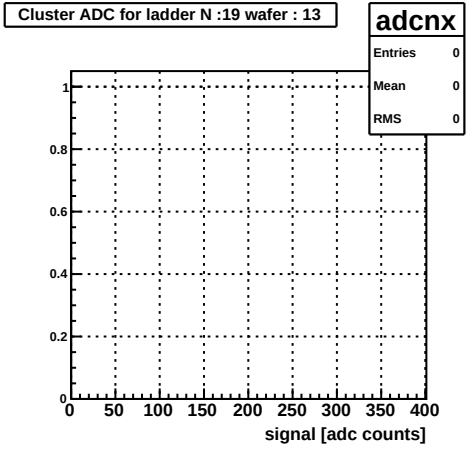

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

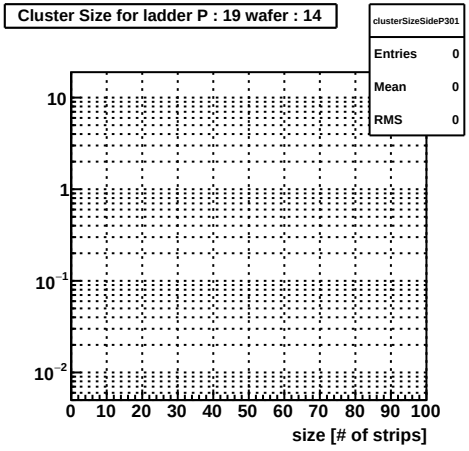

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

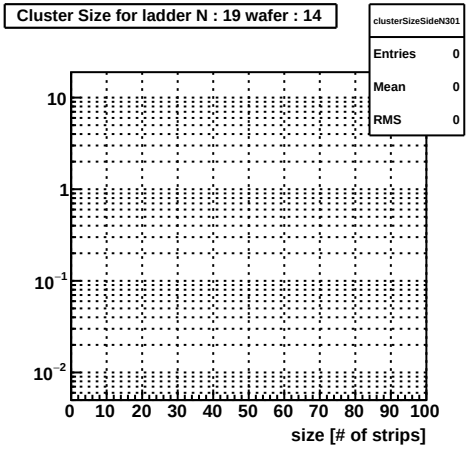

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

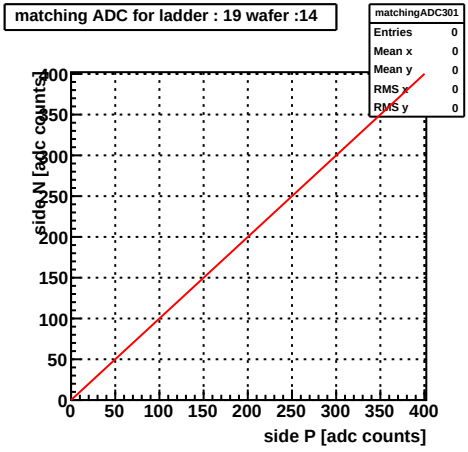

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

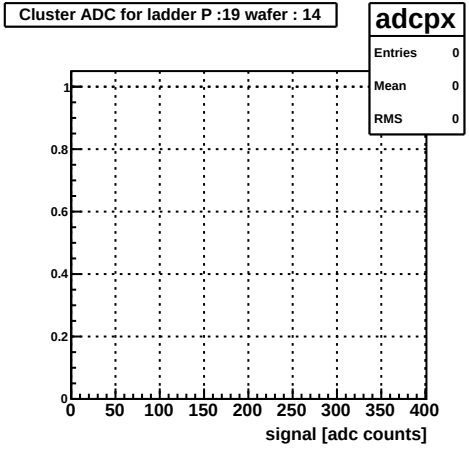

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

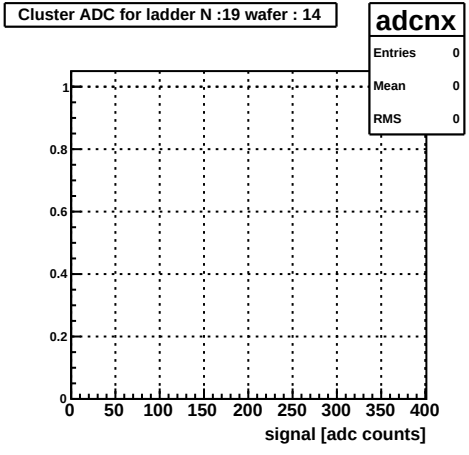

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

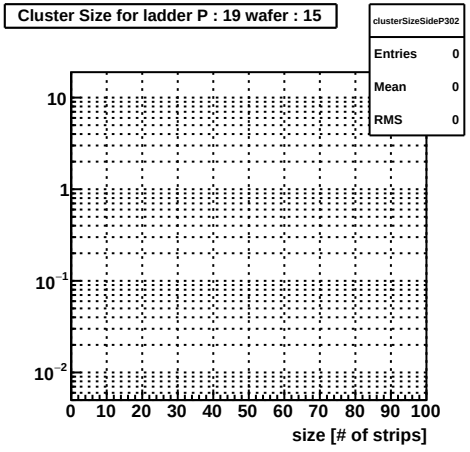

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

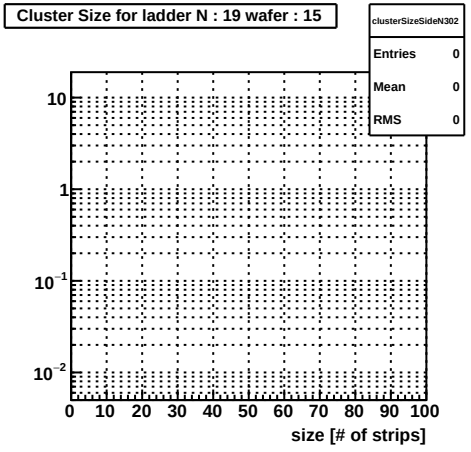

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

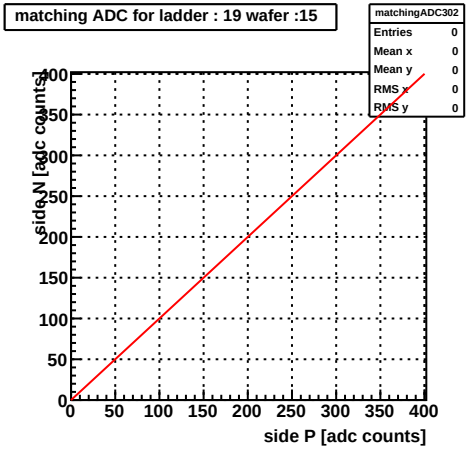

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

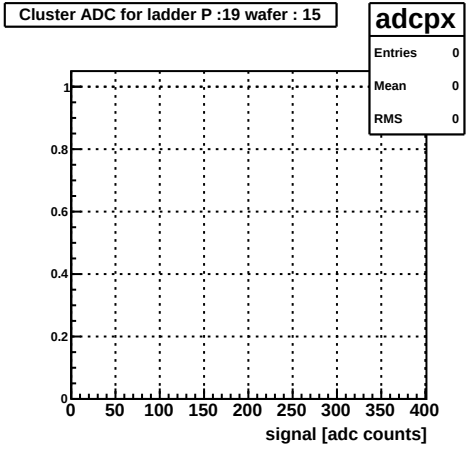

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

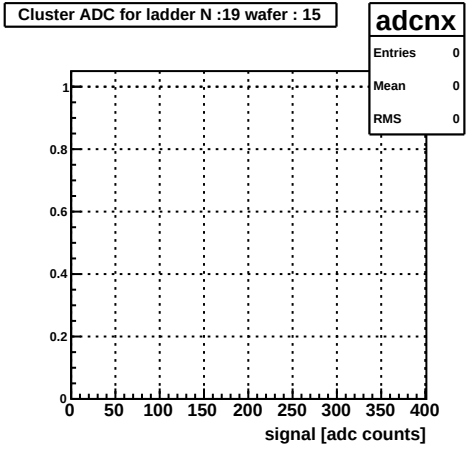

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

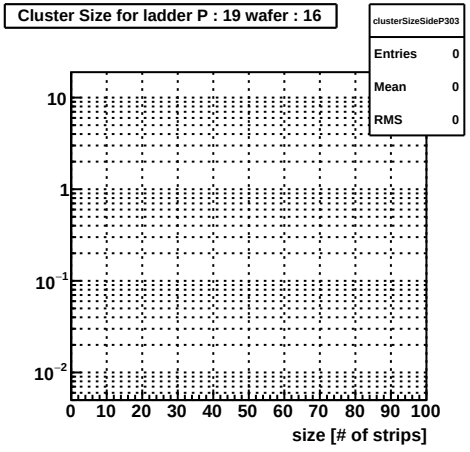

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

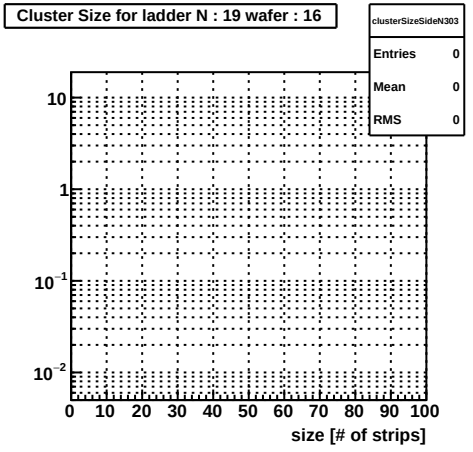

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

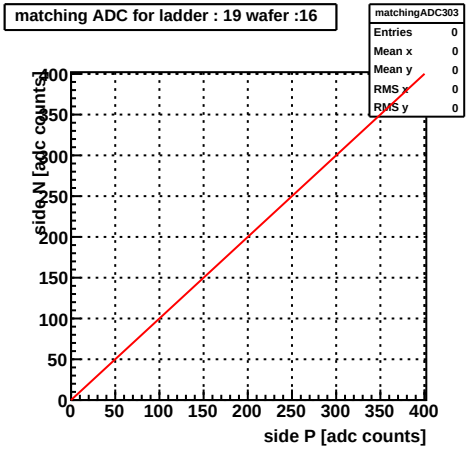

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

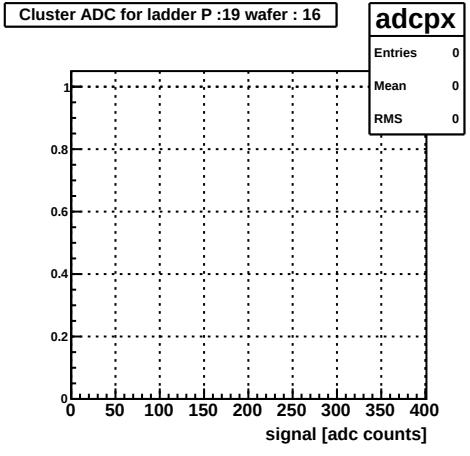

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

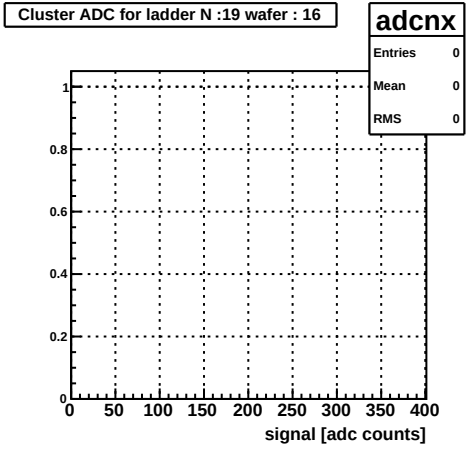

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

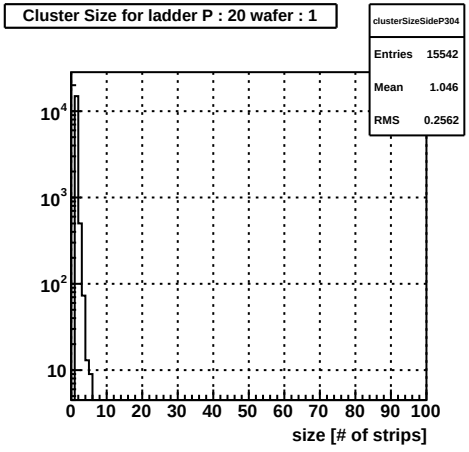

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

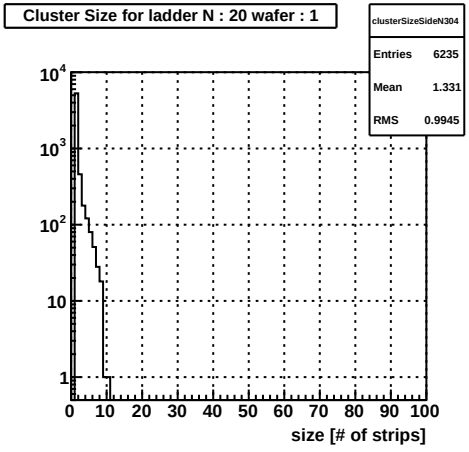

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

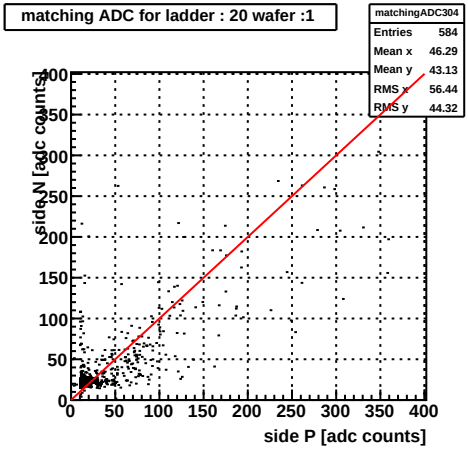

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

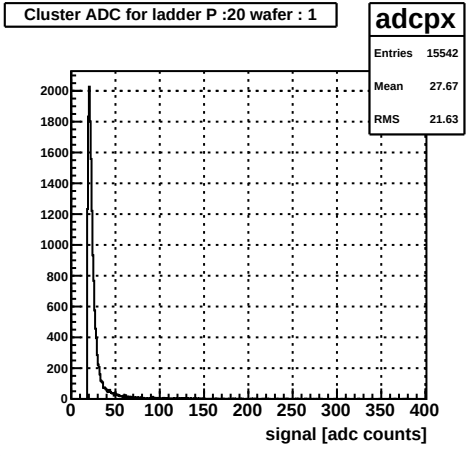

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

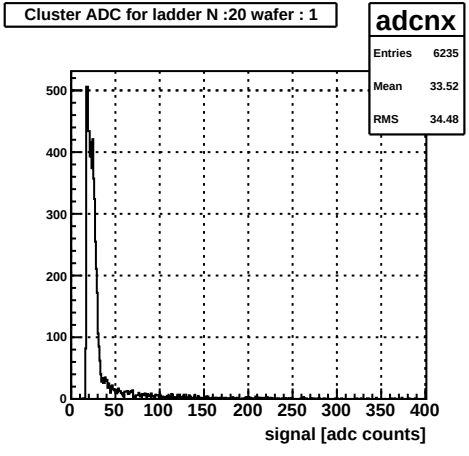

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

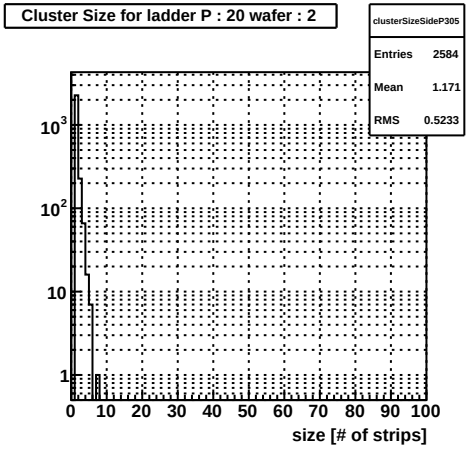

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15542
Mean 1.046
RMS 0.2562
size [# of strips]

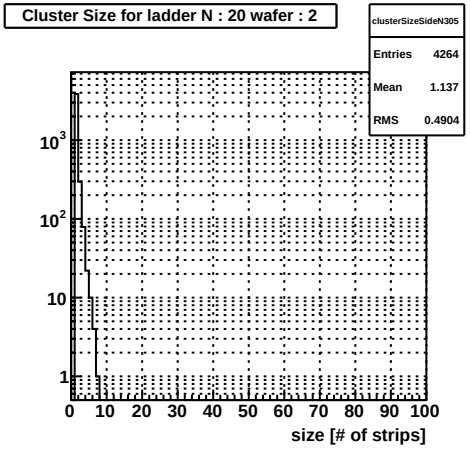

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6235
Mean 1.331
RMS 0.9945
size [# of strips]

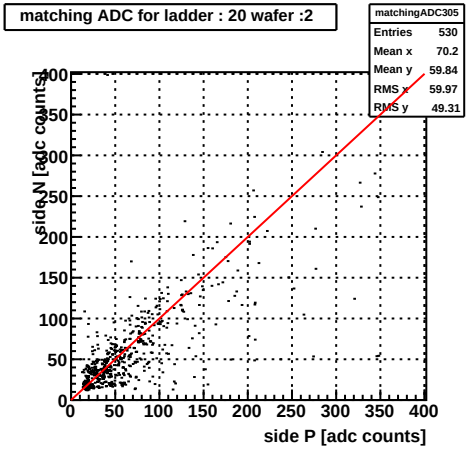

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 584
Mean x 46.29
Mean y 43.13
RMS x 56.44
RMS y 44.32
side N [adc counts]
side P [adc counts]

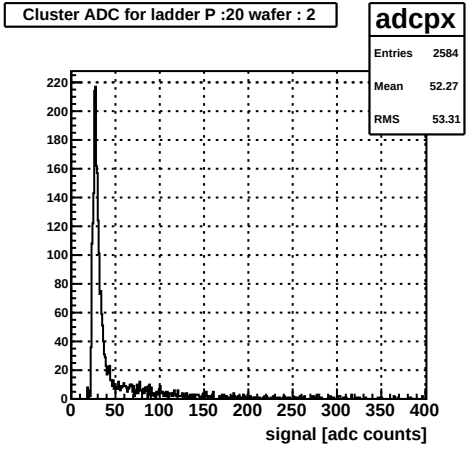

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15542
Mean 27.67
RMS 21.63
signal [adc counts]

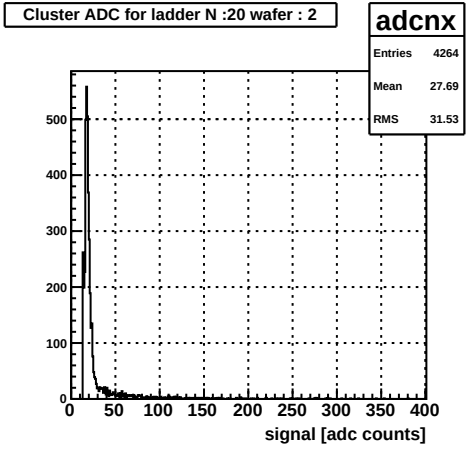

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6235
Mean 33.52
RMS 34.48
signal [adc counts]

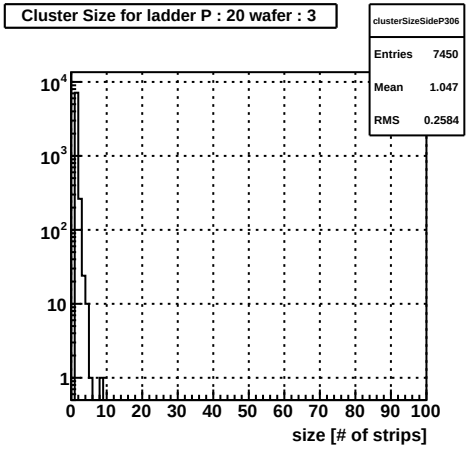

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2584
Mean 1.171
RMS 0.5233
size [# of strips]

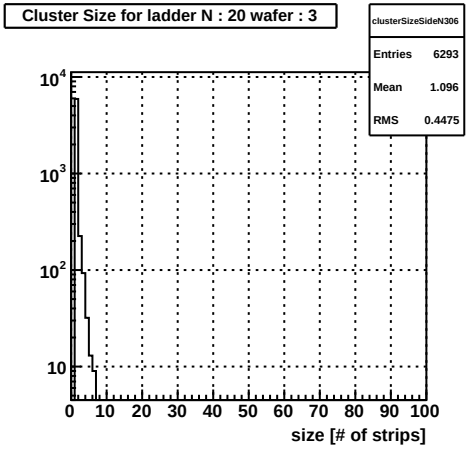

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 4264
Mean 1.137
RMS 0.4904
size [# of strips]

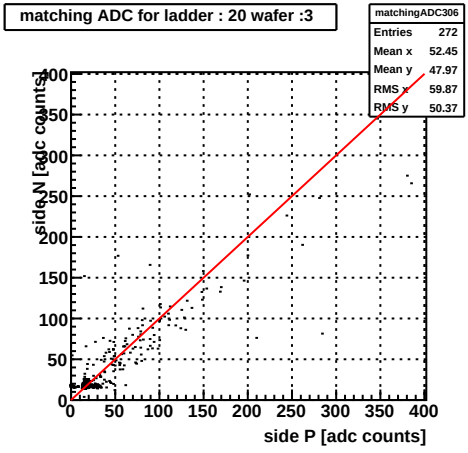

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 530
Mean x 70.2
Mean y 59.84
RMS x 59.97
RMS y 49.31
side N [adc counts]
side P [adc counts]

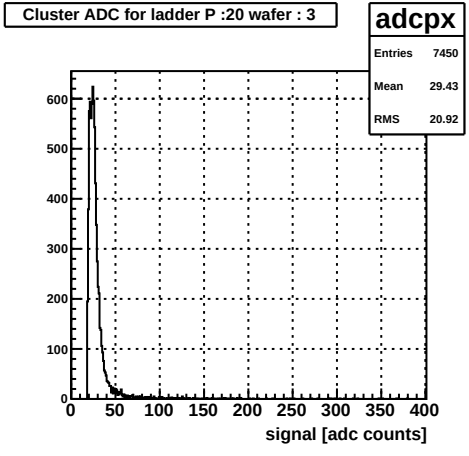

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2584
Mean 52.27
RMS 53.31
signal [adc counts]

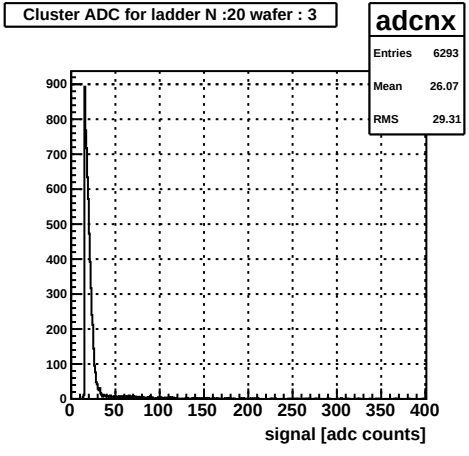

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 4264
Mean 27.69
RMS 31.53
signal [adc counts]

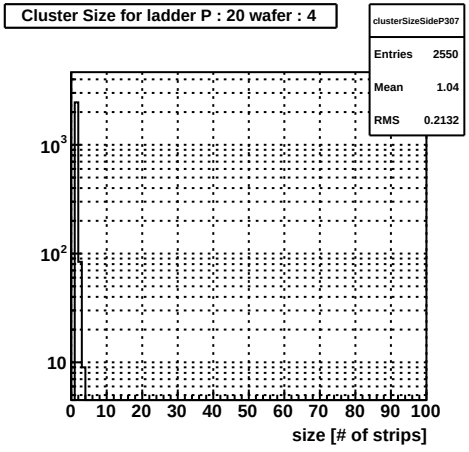

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7450
Mean 1.047
RMS 0.2584
size [# of strips]

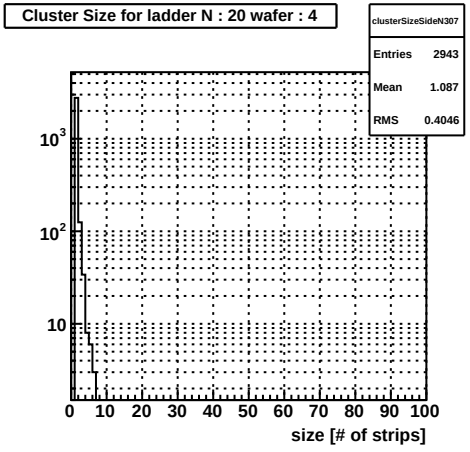

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6293
Mean 1.096
RMS 0.4475
size [# of strips]

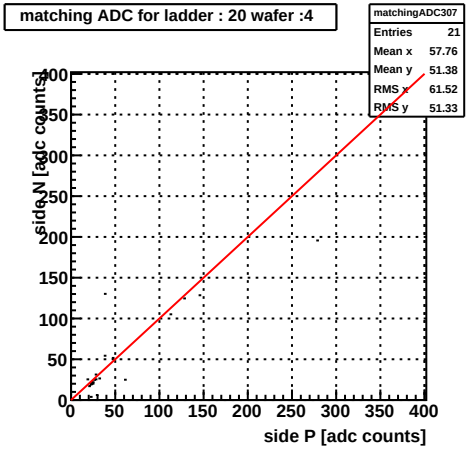

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 272
Mean x 52.45
Mean y 47.97
RMS x 59.87
RMS y 50.37
side N [adc counts]
side P [adc counts]

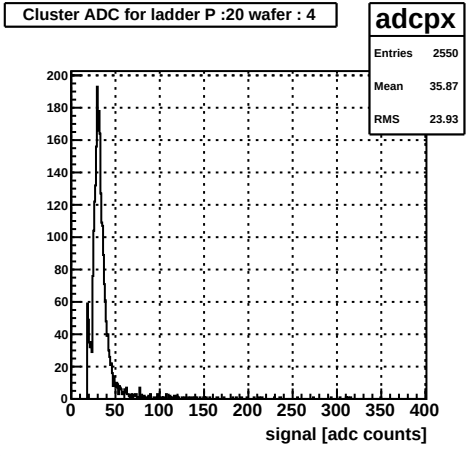

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7450
Mean 29.43
RMS 20.92
signal [adc counts]

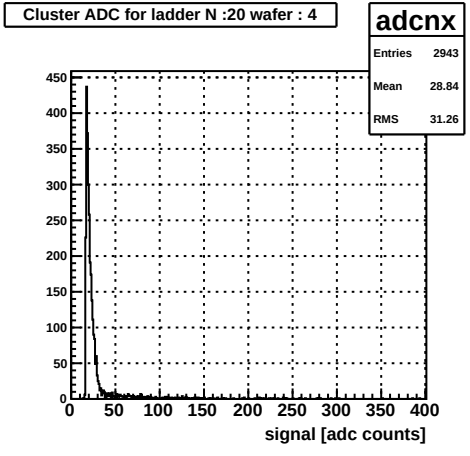

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6293
Mean 26.07
RMS 29.31
signal [adc counts]

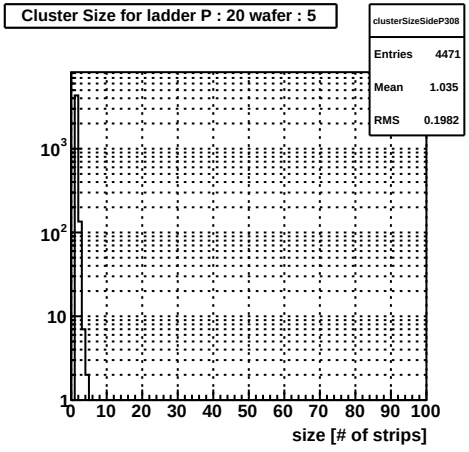

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2550
Mean 1.04
RMS 0.2132
size [# of strips]

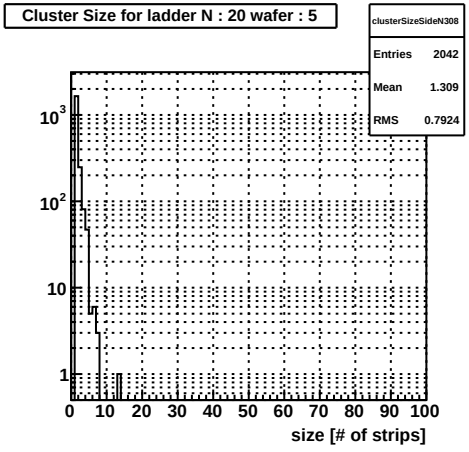

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2943
Mean 1.087
RMS 0.4046
size [# of strips]

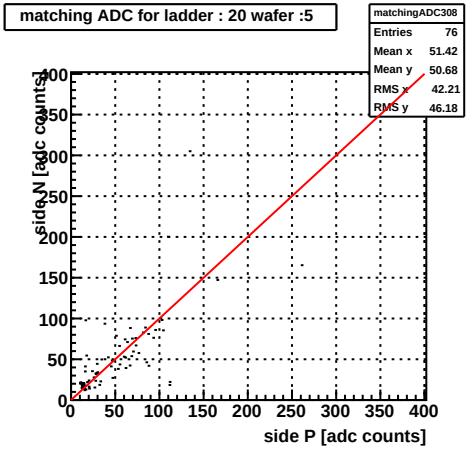

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 21
Mean x 57.76
Mean y 51.38
RMS x 61.52
RMS y 51.33
side N [adc counts]
side P [adc counts]

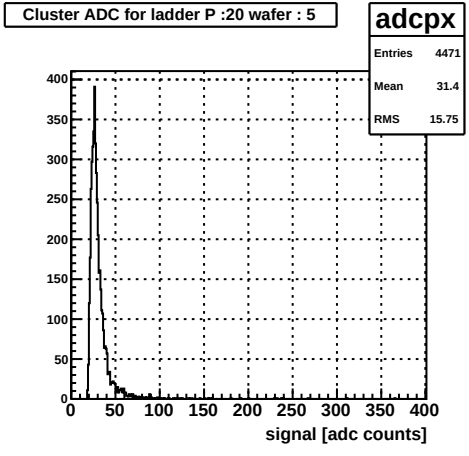

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2550
Mean 35.87
RMS 23.93
signal [adc counts]

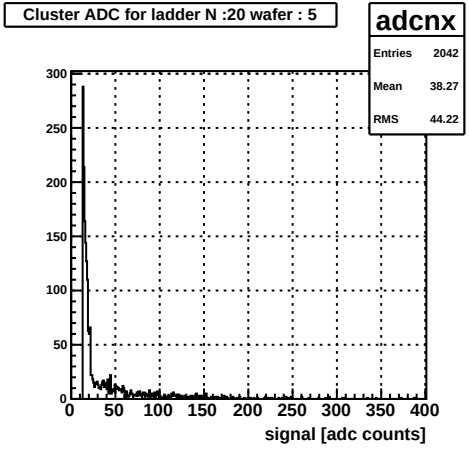

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2943
Mean 28.84
RMS 31.26
signal [adc counts]

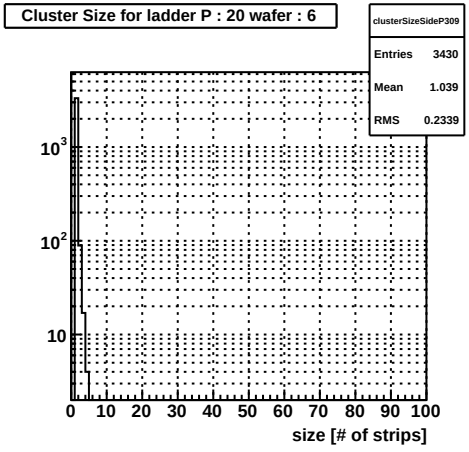

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4471
Mean 1.035
RMS 0.1982
size [# of strips]

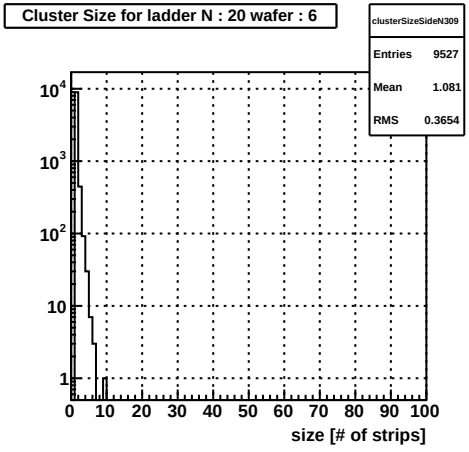

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2042
Mean 1.309
RMS 0.7924
size [# of strips]

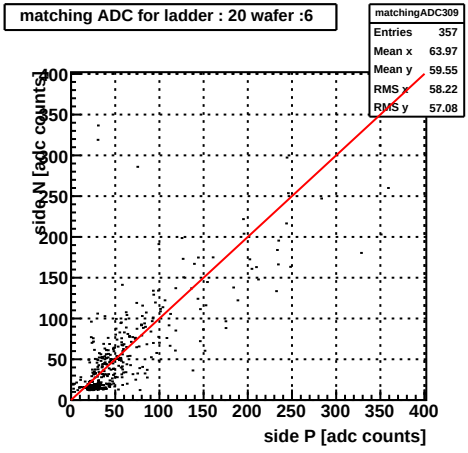

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 76
Mean x 51.42
Mean y 50.68
RMS x 42.21
RMS y 46.18
side N [adc counts]
side P [adc counts]

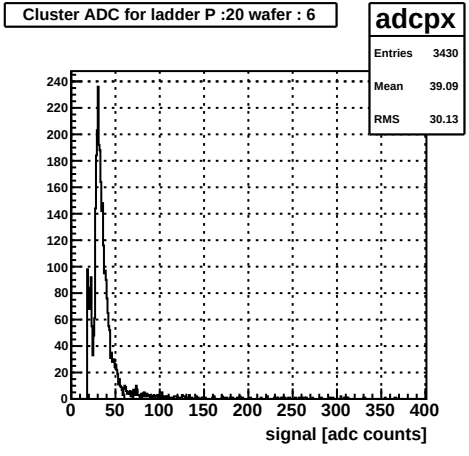

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4471
Mean 31.4
RMS 15.75
signal [adc counts]

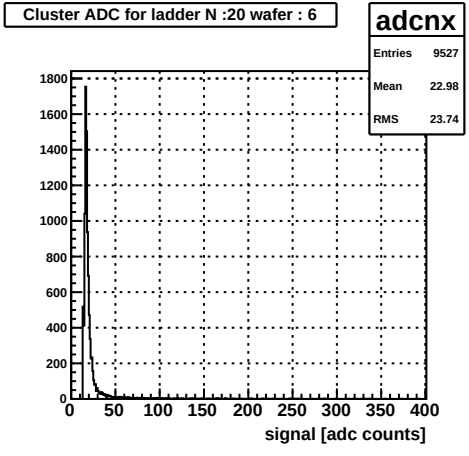

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2042
Mean 38.27
RMS 44.22
signal [adc counts]

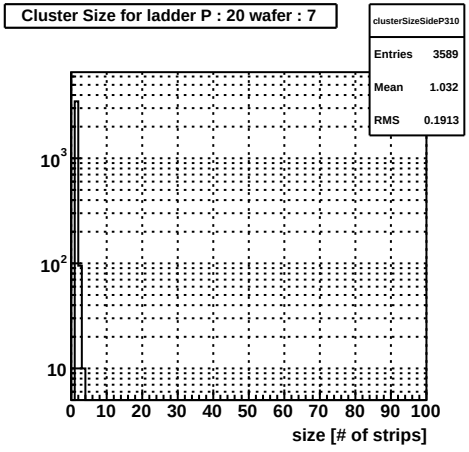

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3430
Mean 1.039
RMS 0.2339
size [# of strips]

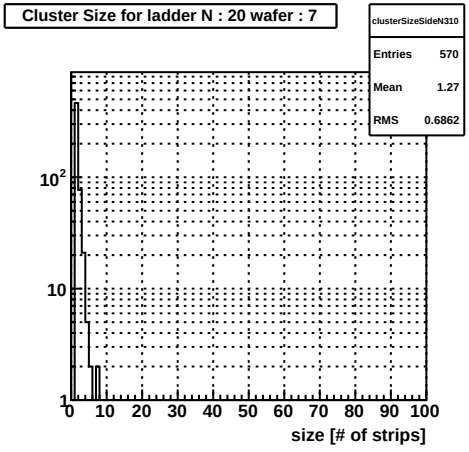

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9527
Mean 1.081
RMS 0.3654
size [# of strips]

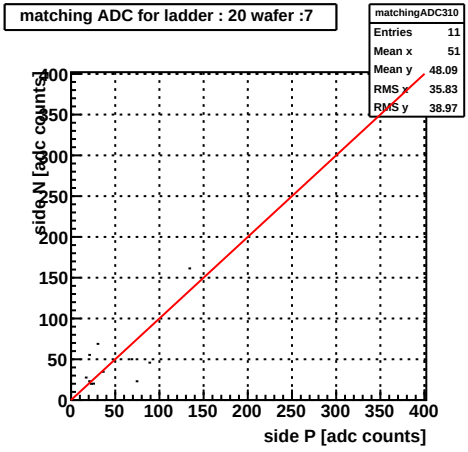

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 357
Mean x 63.97
Mean y 59.55
RMS x 58.22
RMS y 57.08
side N [adc counts]
side P [adc counts]

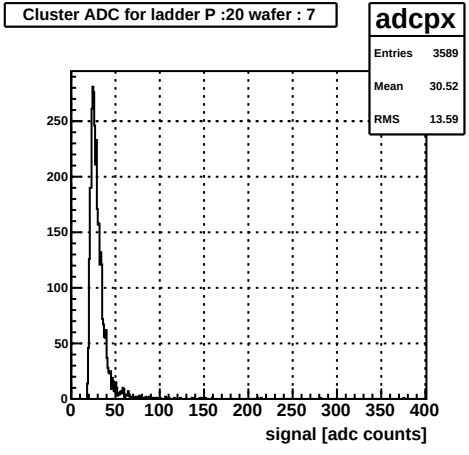

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3430
Mean 39.09
RMS 30.13
signal [adc counts]

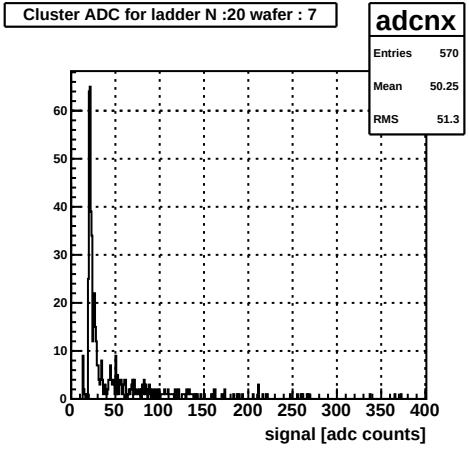

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9527
Mean 22.98
RMS 23.74
signal [adc counts]

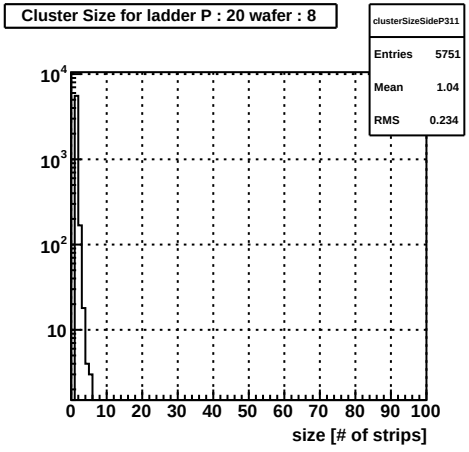

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3589
Mean 1.032
RMS 0.1913
size [# of strips]

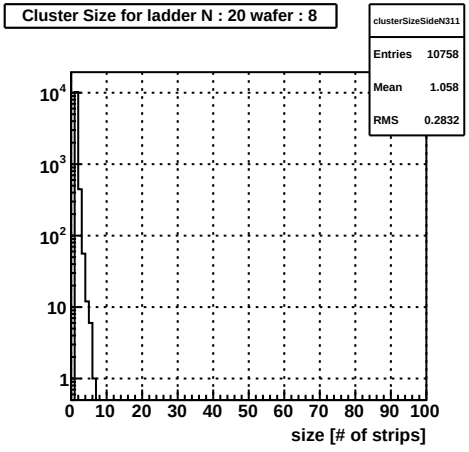

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 570
Mean 1.27
RMS 0.6862
size [# of strips]

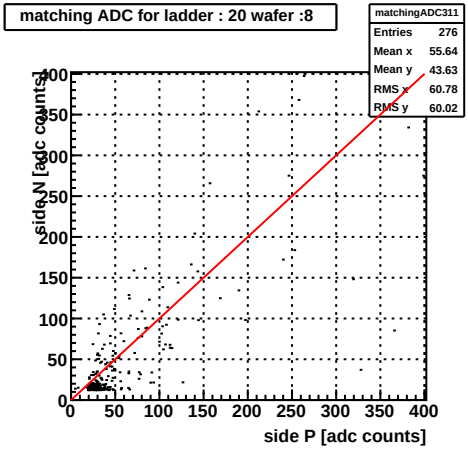

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 11
Mean x 51
Mean y 48.09
RMS x 35.83
RMS y 38.97
side N [adc counts]
side P [adc counts]

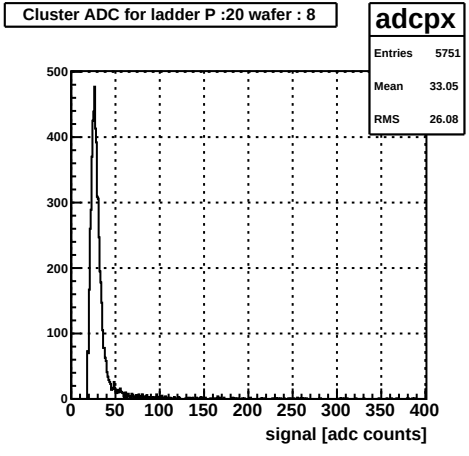

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3589
Mean 30.52
RMS 13.59
signal [adc counts]

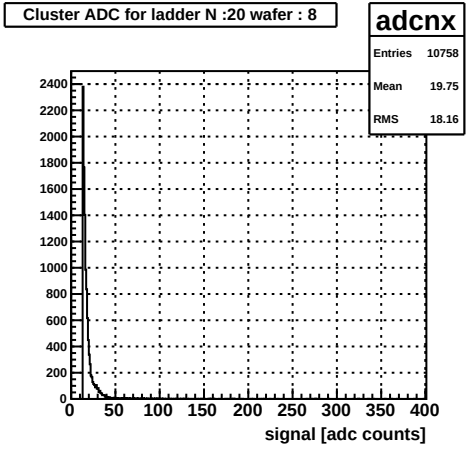

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 570
Mean 50.25
RMS 51.3
signal [adc counts]

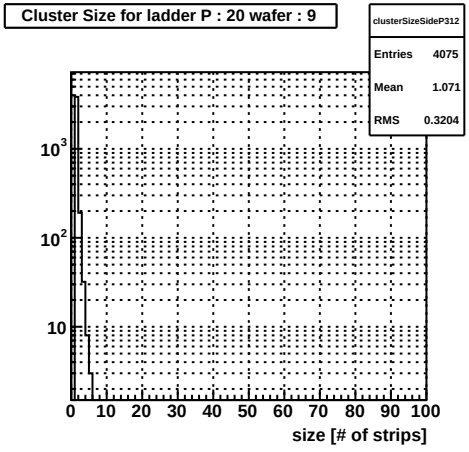

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5751
Mean 1.04
RMS 0.234
size [# of strips]

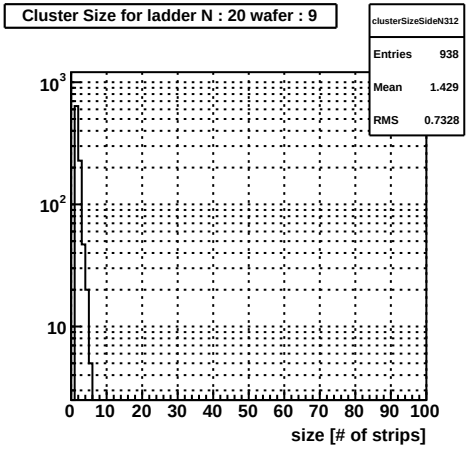

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10758
Mean 1.058
RMS 0.2832
size [# of strips]

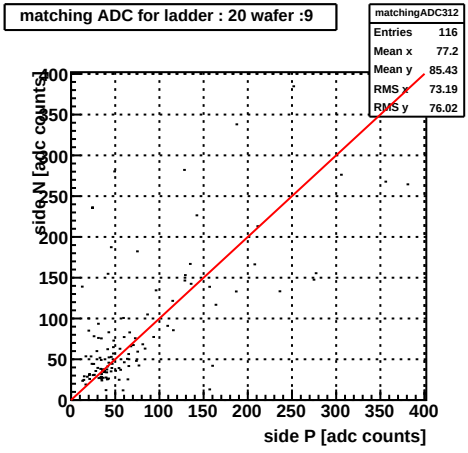

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 276
Mean x 55.64
Mean y 43.63
RMS x 60.78
RMS y 60.02
side N [adc counts]
side P [adc counts]

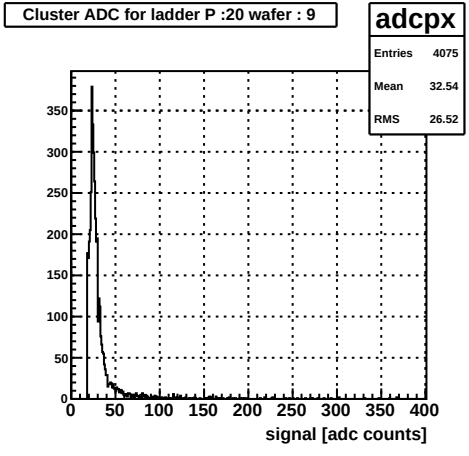

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5751
Mean 33.05
RMS 26.08
signal [adc counts]

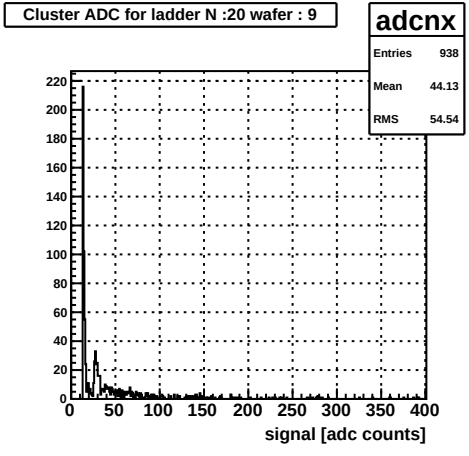

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10758
Mean 19.75
RMS 18.16
signal [adc counts]

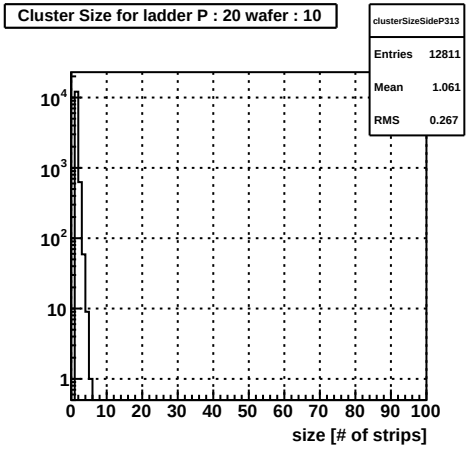

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 4075
Mean 1.071
RMS 0.3204
size [# of strips]

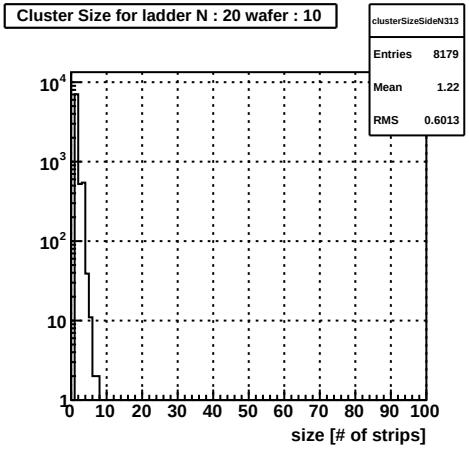

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 938
Mean 1.429
RMS 0.7328
size [# of strips]

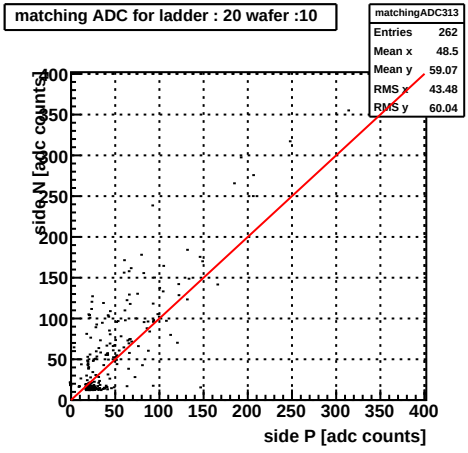

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 116
Mean x 77.2
Mean y 85.43
RMS x 73.19
RMS y 76.02
side N [adc counts]
side P [adc counts]

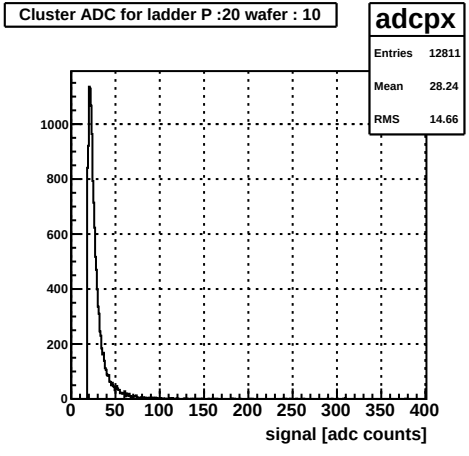

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 4075
Mean 32.54
RMS 26.52
signal [adc counts]

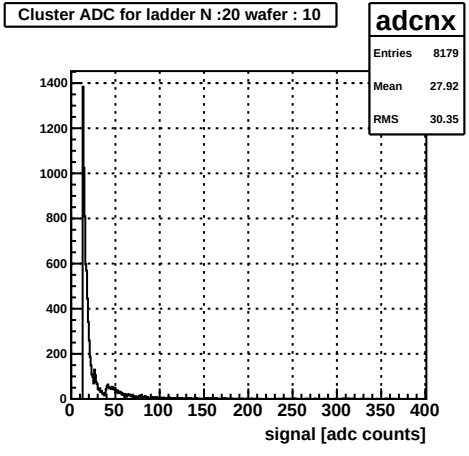

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 938
Mean 44.13
RMS 54.54
signal [adc counts]

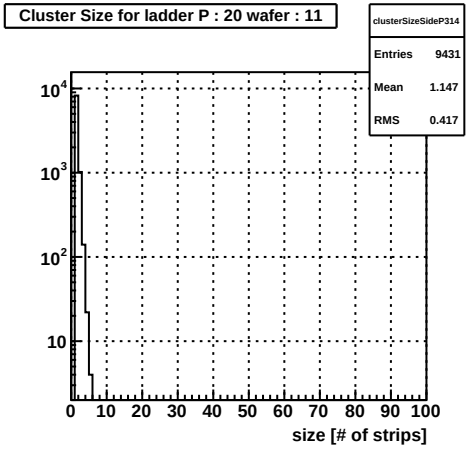

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12811
Mean 1.061
RMS 0.267
size [# of strips]

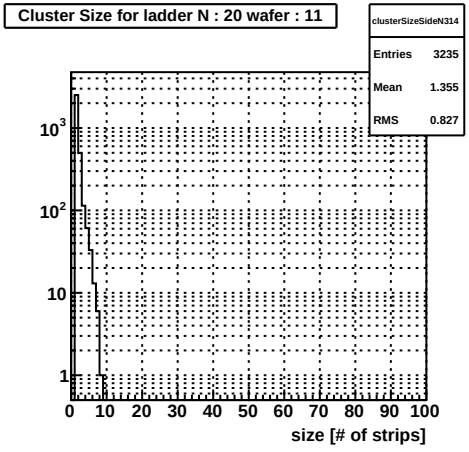

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8179
Mean 1.22
RMS 0.6013
size [# of strips]

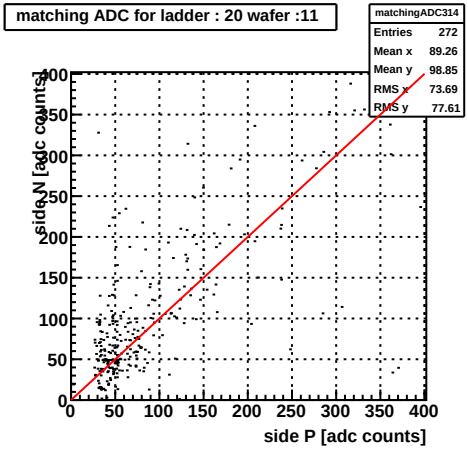

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 262
Mean x 48.5
Mean y 59.07
RMS x 43.48
RMS y 60.04
side N [adc counts]
side P [adc counts]

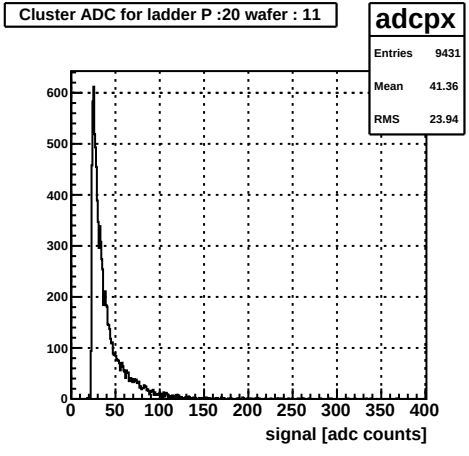

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12811
Mean 28.24
RMS 14.66
signal [adc counts]

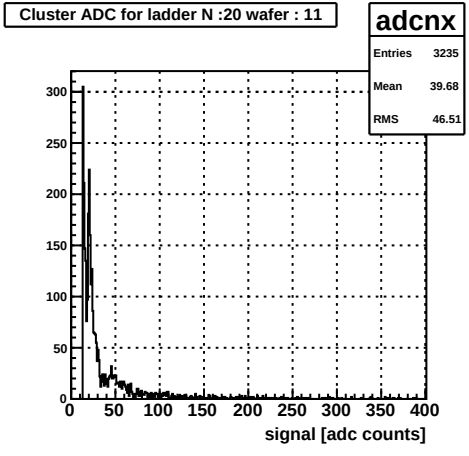

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8179
Mean 27.92
RMS 30.35
signal [adc counts]

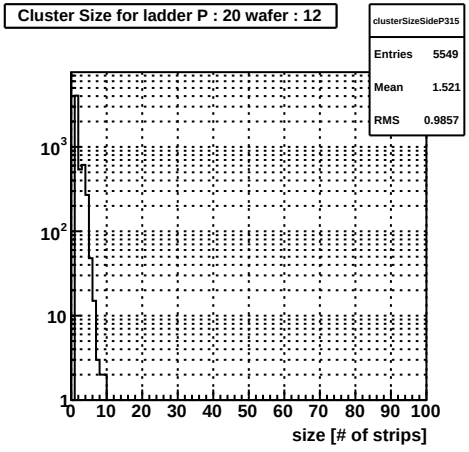

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9431
Mean 1.147
RMS 0.417
size [# of strips]

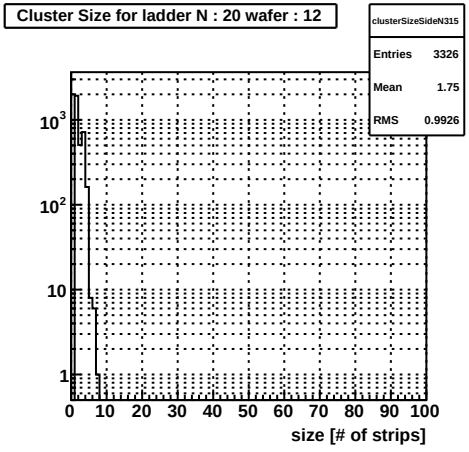

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3235
Mean 1.355
RMS 0.827
size [# of strips]

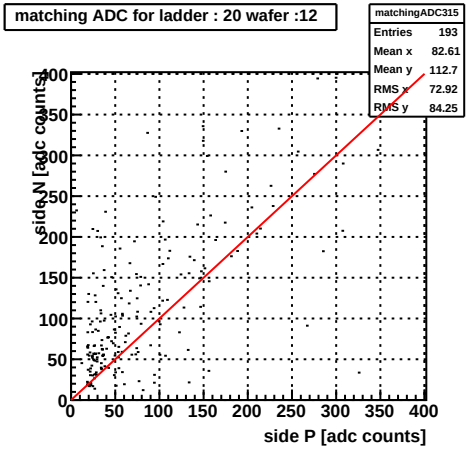

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 272
Mean x 89.26
Mean y 98.85
RMS x 73.69
RMS y 77.61
side N [adc counts]
side P [adc counts]

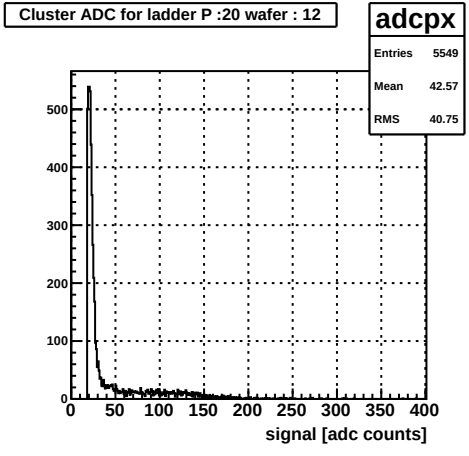

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9431
Mean 41.36
RMS 23.94
signal [adc counts]

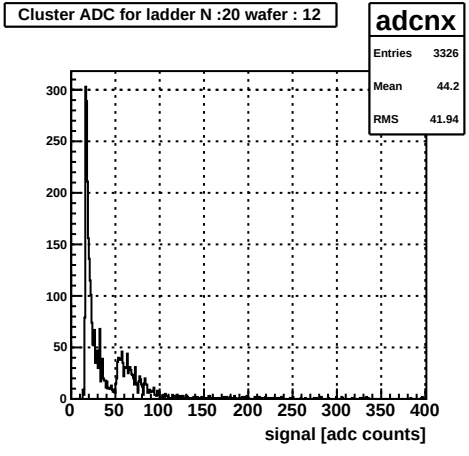

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3235
Mean 39.68
RMS 46.51
signal [adc counts]

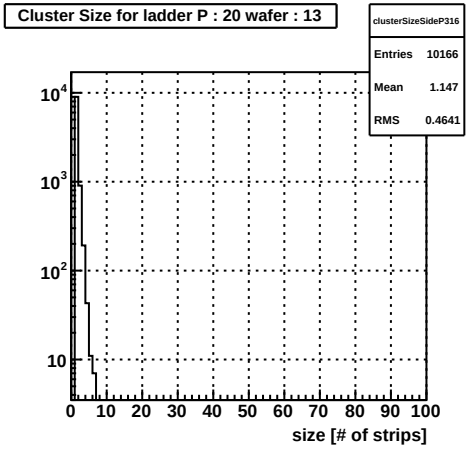

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5549
Mean 1.521
RMS 0.9857
size [# of strips]

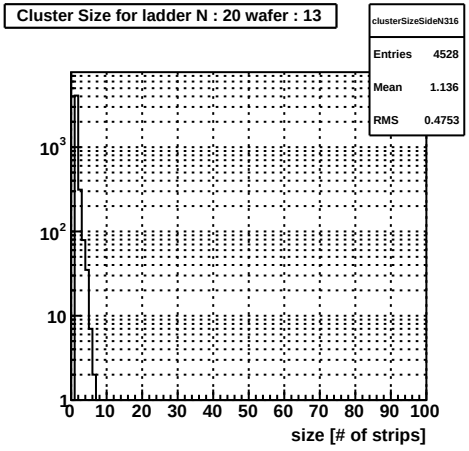

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 3326
Mean 1.75
RMS 0.9926
size [# of strips]

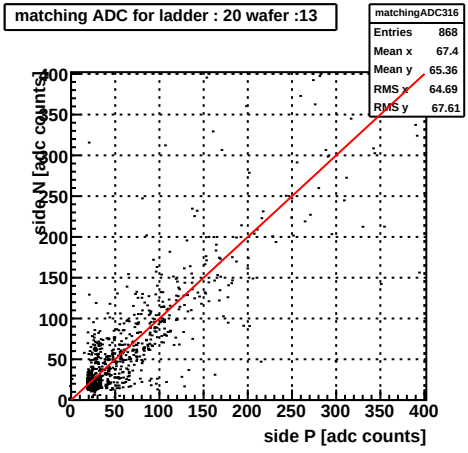

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 193
Mean x 82.61
Mean y 112.7
RMS x 72.92
RMS y 84.25
side N [adc counts]
side P [adc counts]

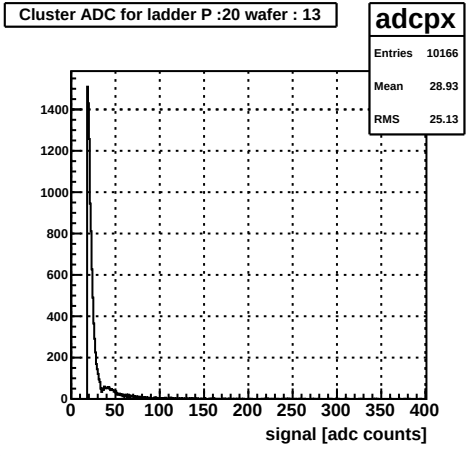

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5549
Mean 42.57
RMS 40.75
signal [adc counts]

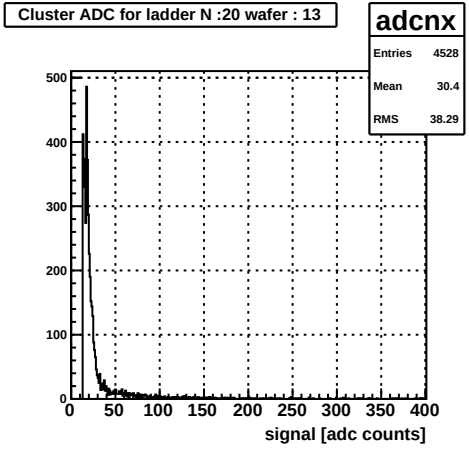

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 3326
Mean 44.2
RMS 41.94
signal [adc counts]

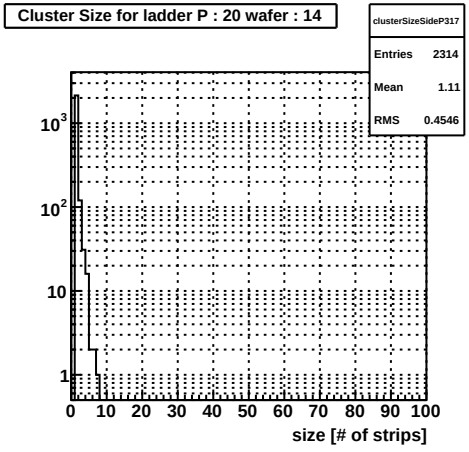

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10166
Mean 1.147
RMS 0.4641
size [# of strips]

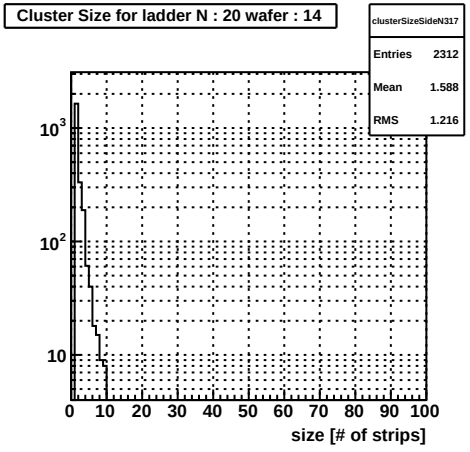

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4528
Mean 1.136
RMS 0.4753
size [# of strips]

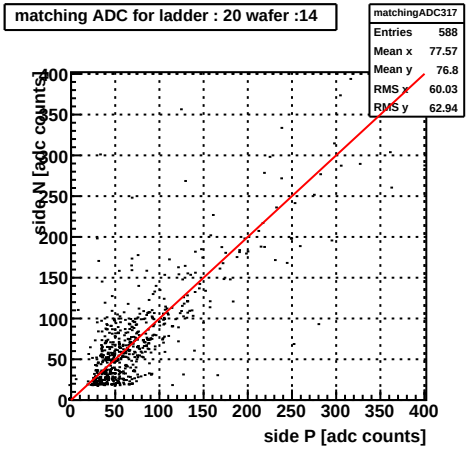

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 868
Mean x 67.4
Mean y 65.36
RMS x 64.69
RMS y 67.61
side N [adc counts]
side P [adc counts]

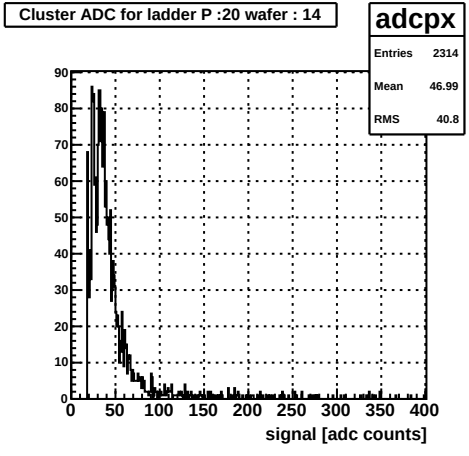

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10166
Mean 28.93
RMS 25.13
signal [adc counts]

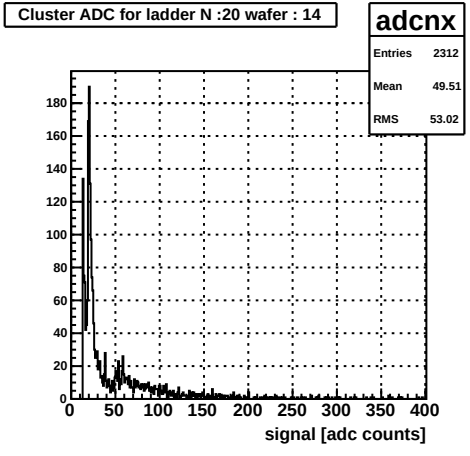

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4528
Mean 30.4
RMS 38.29
signal [adc counts]

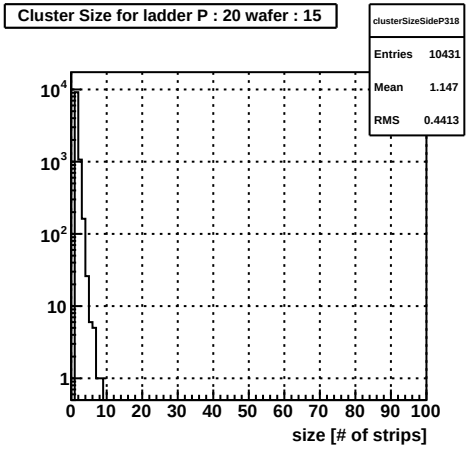

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2314
Mean 1.11
RMS 0.4546
size [# of strips]

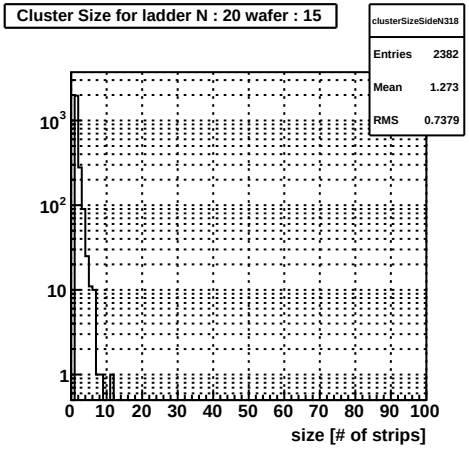

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2312
Mean 1.588
RMS 1.216
size [# of strips]

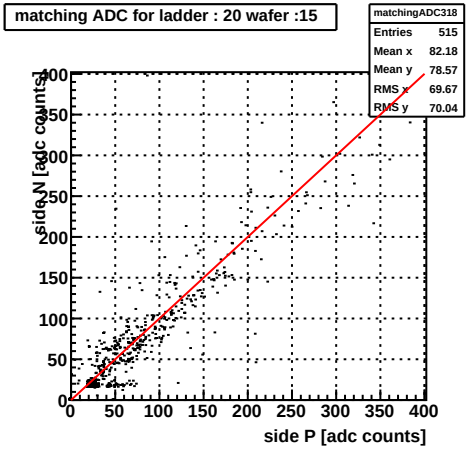

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 588
Mean x 77.57
Mean y 76.8
RMS x 60.03
RMS y 62.94
side N [adc counts]
side P [adc counts]

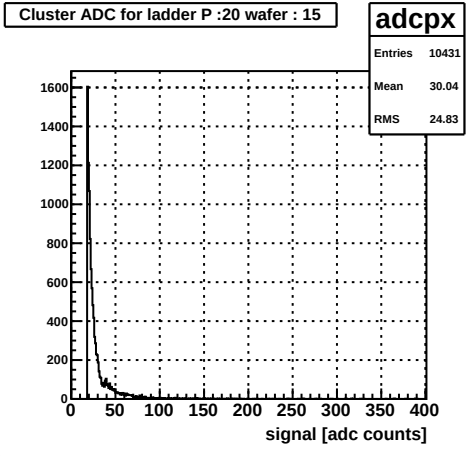

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2314
Mean 46.99
RMS 40.8
signal [adc counts]

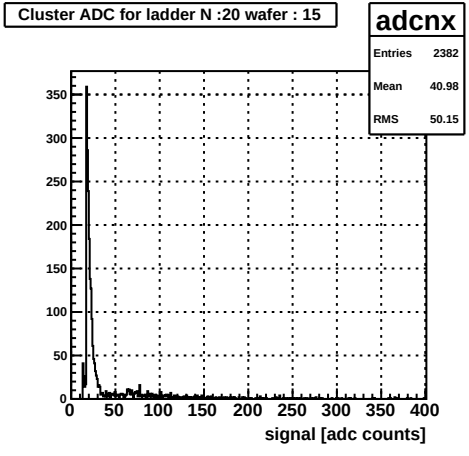

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2312
Mean 49.51
RMS 53.02
signal [adc counts]

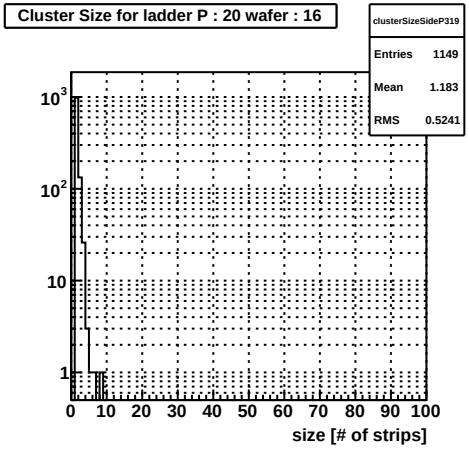

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 10431
Mean 1.147
RMS 0.4413
size [# of strips]

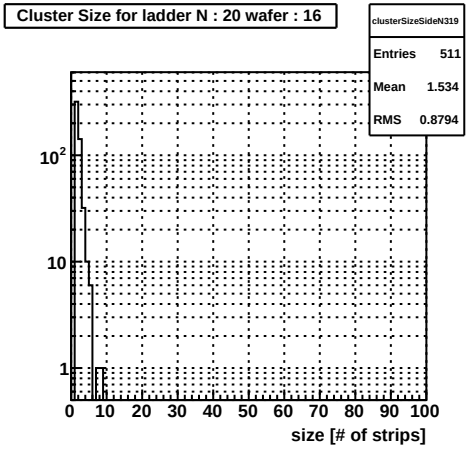

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2382
Mean 1.273
RMS 0.7379
size [# of strips]

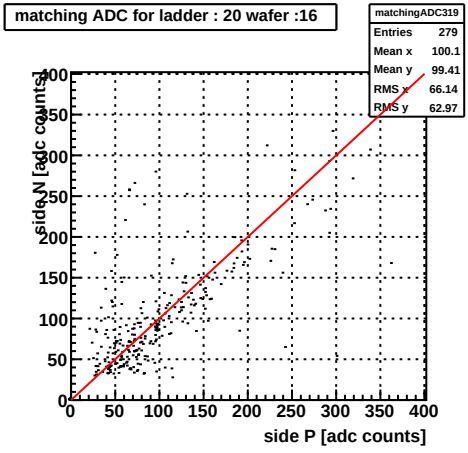

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 515
Mean x 82.18
Mean y 78.57
RMS x 69.67
RMS y 70.04
side N [adc counts]
side P [adc counts]

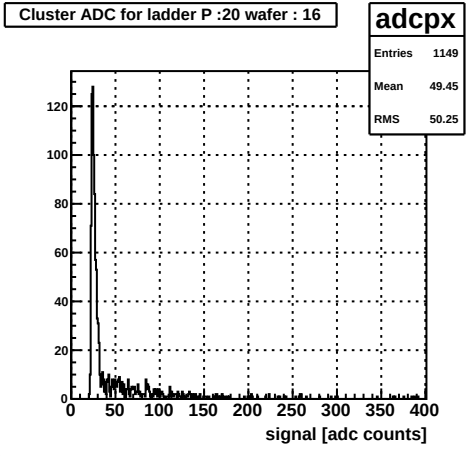

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 10431
Mean 30.04
RMS 24.83
signal [adc counts]

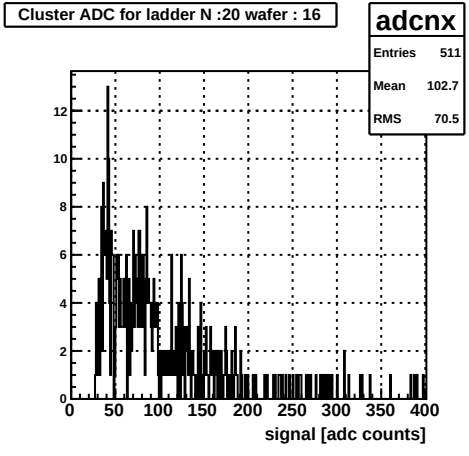

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2382
Mean 40.98
RMS 50.15
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1149
Mean 1.183
RMS 0.5241
size [# of strips]

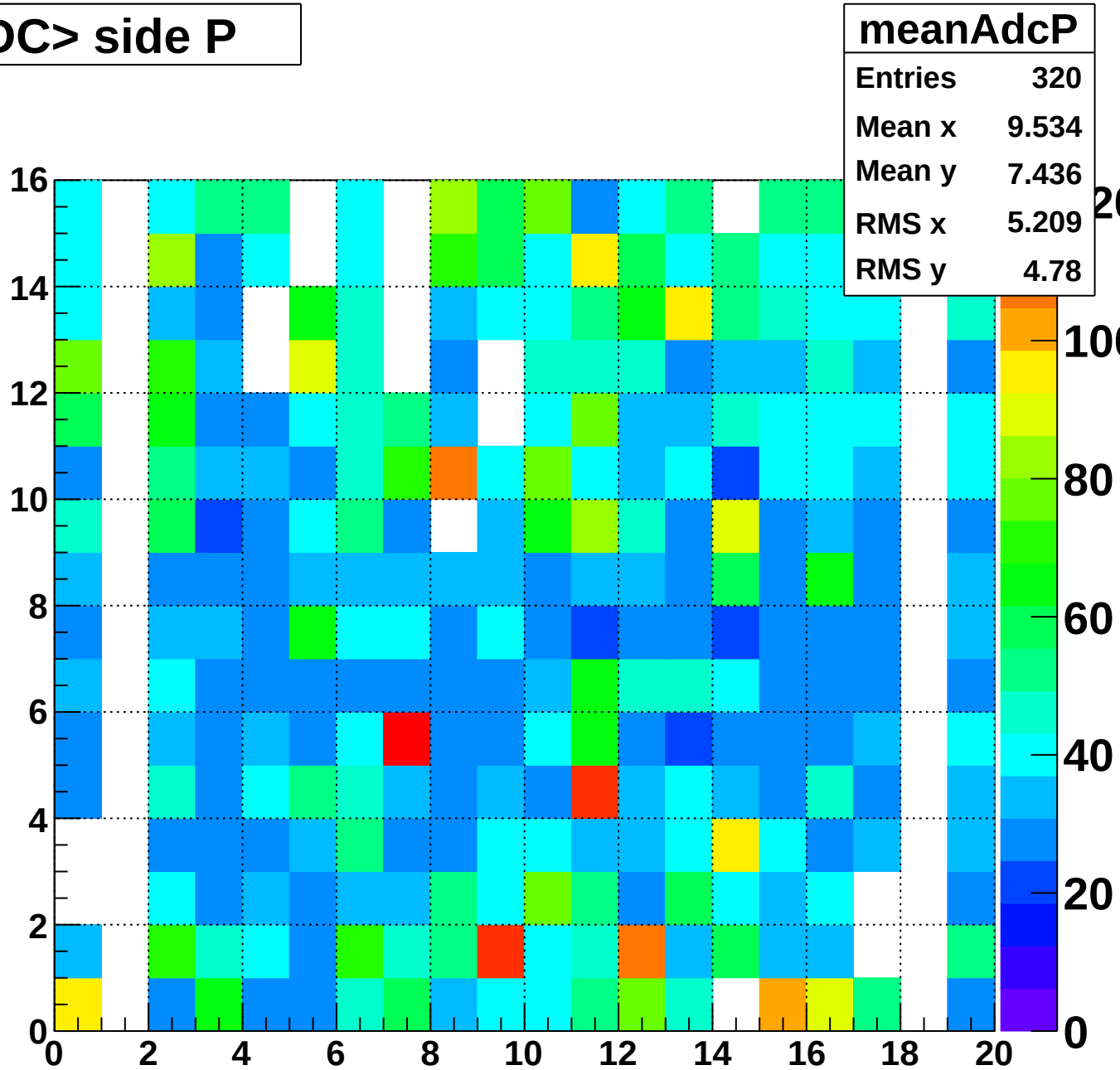

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 511
Mean 1.534
RMS 0.8794
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 279
Mean x 100.1
Mean y 99.41
RMS x 66.14
RMS y 62.97
side N [adc counts]
side P [adc counts]

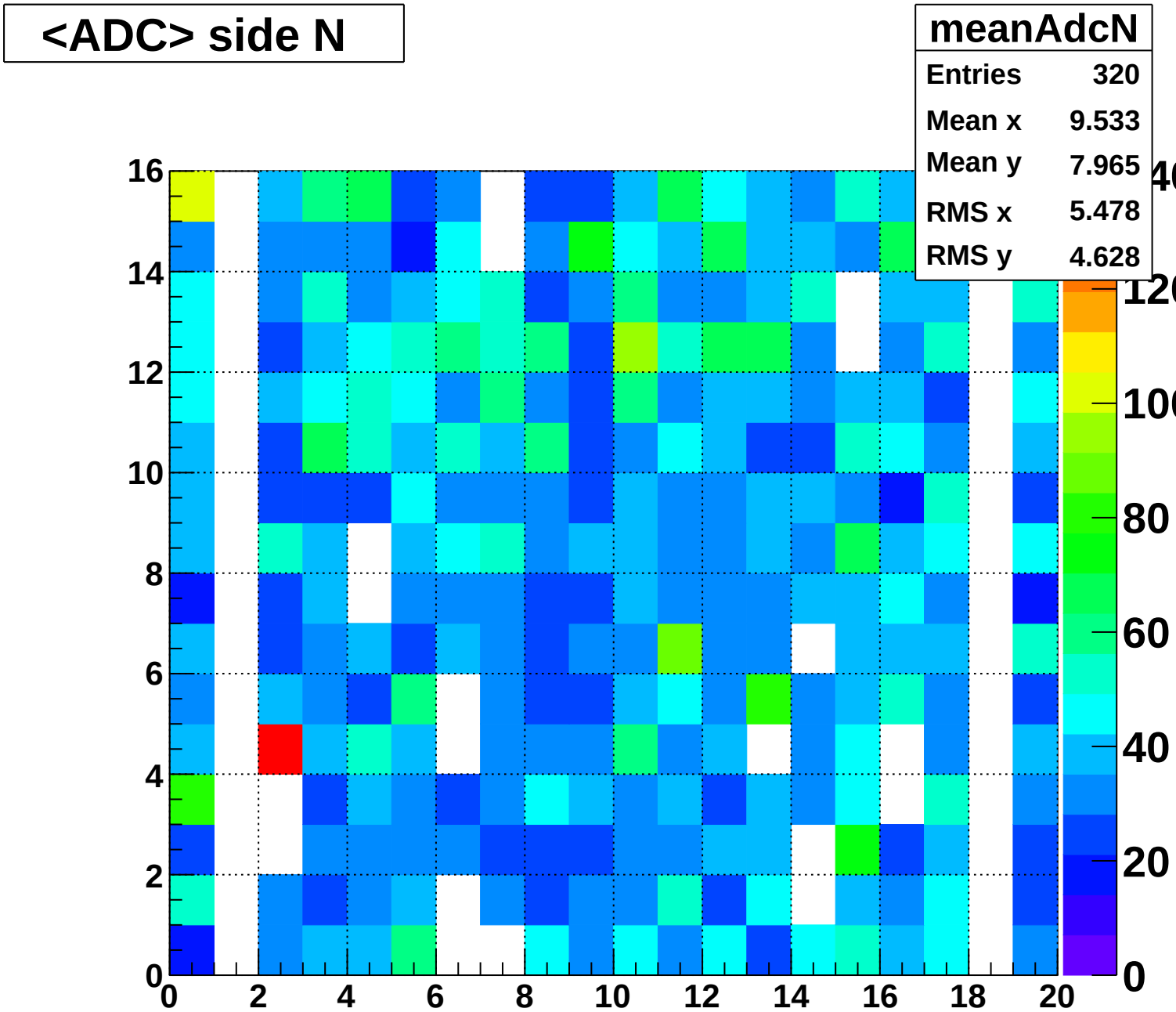

Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1149
Mean 49.45
RMS 50.25
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 511
Mean 102.7
RMS 70.5
signal [adc counts]

<ADC> side P



2016-05-24 18:34:49



2016-05-24 18:34:49