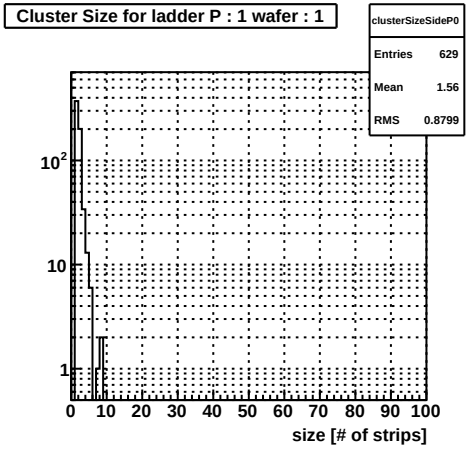
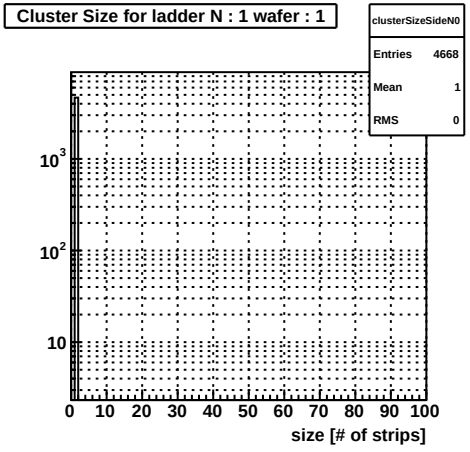
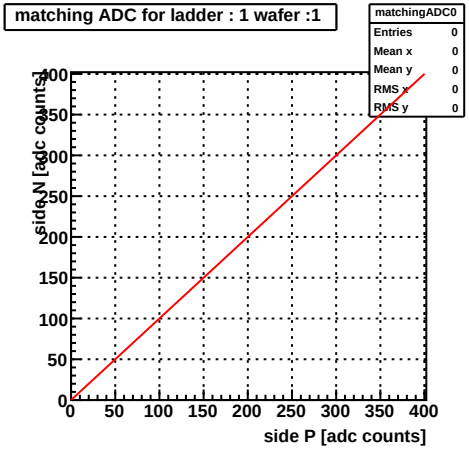
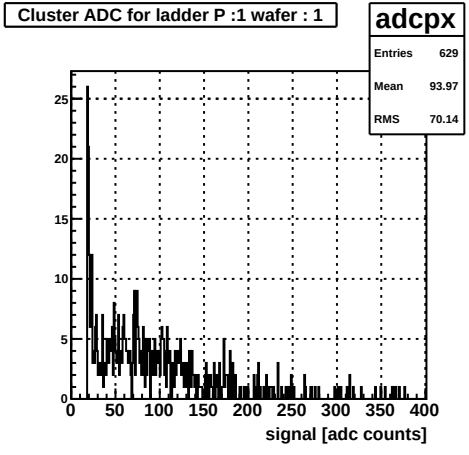
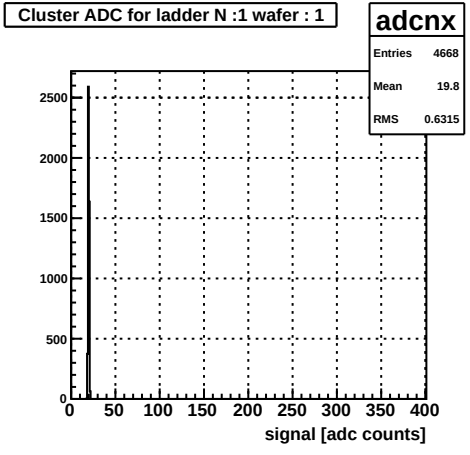
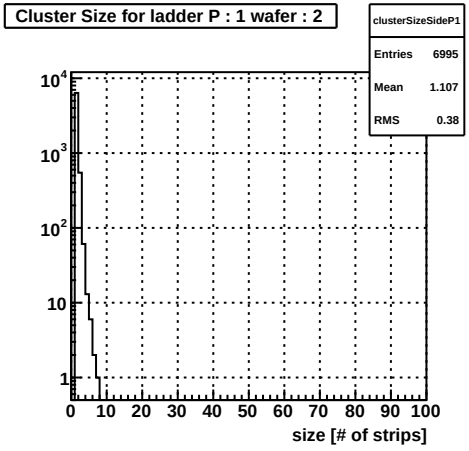

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 629
Mean 1.56
RMS 0.8799
size [# of strips]

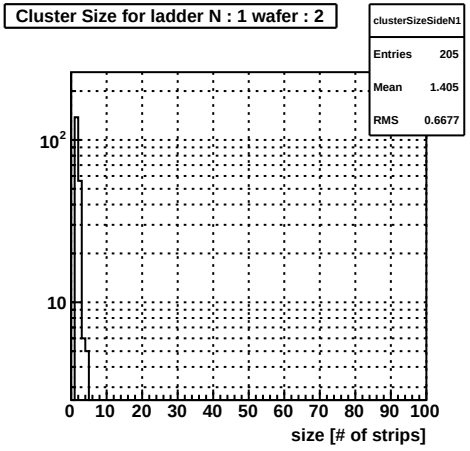

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4668
Mean 1
RMS 0
size [# of strips]

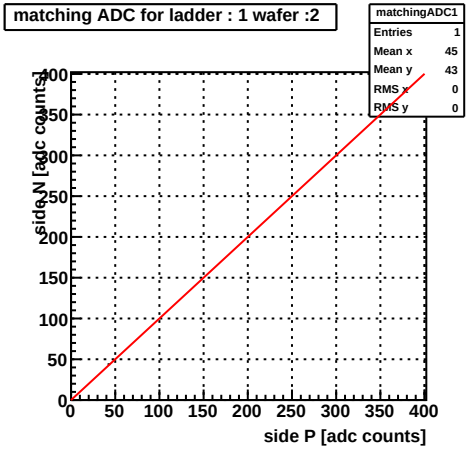

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

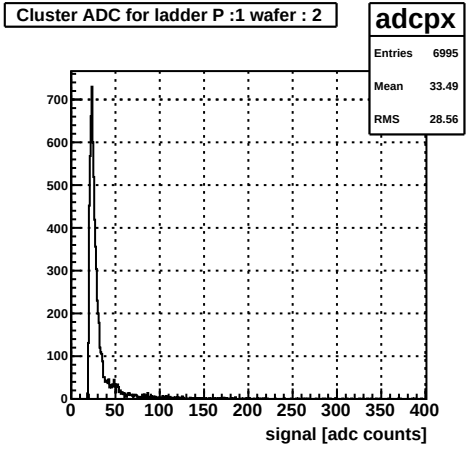

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 629
Mean 93.97
RMS 70.14
signal [adc counts]

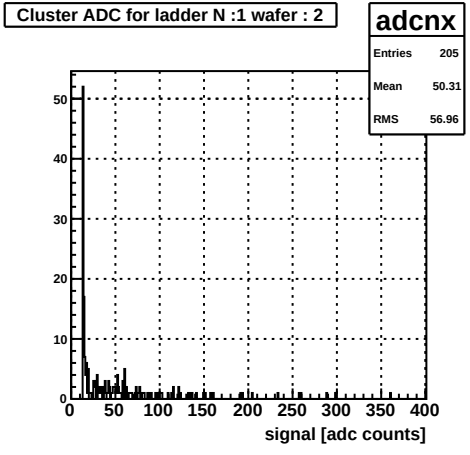

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4668
Mean 19.8
RMS 0.6315
signal [adc counts]

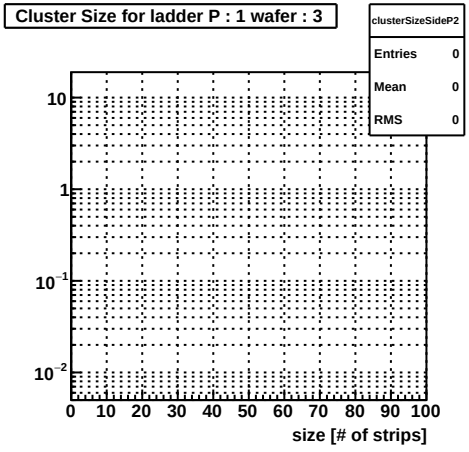

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6995
Mean 1.107
RMS 0.38
size [# of strips]

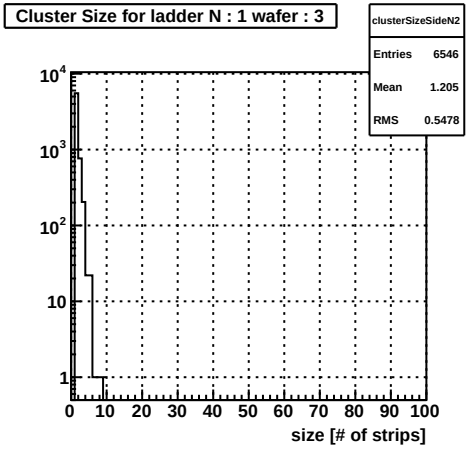

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 205
Mean 1.405
RMS 0.6677
size [# of strips]

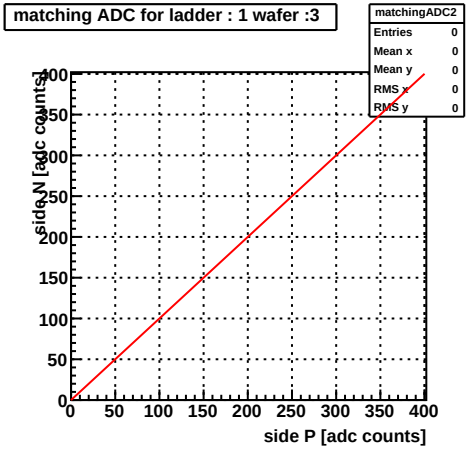

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 45
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

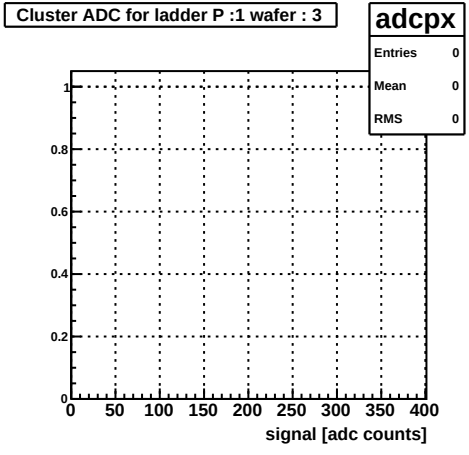

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6995
Mean 33.49
RMS 28.56
signal [adc counts]

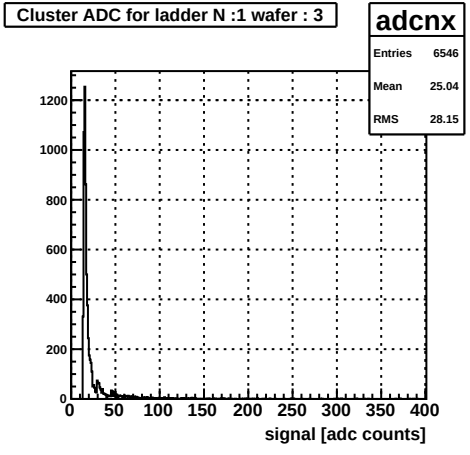

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 205
Mean 50.31
RMS 56.96
signal [adc counts]

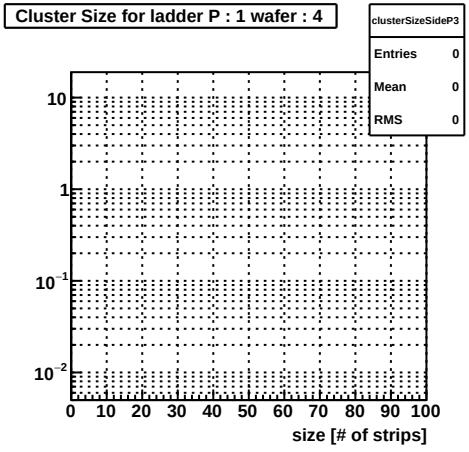

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

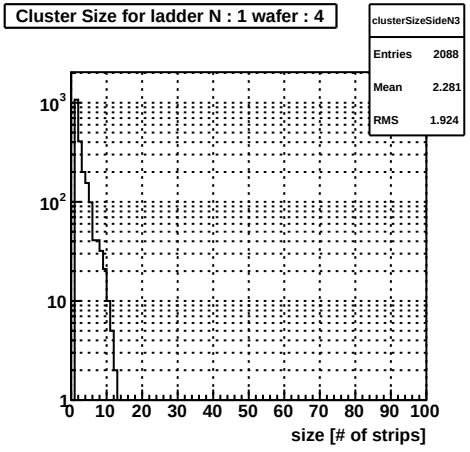

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6546
Mean 1.205
RMS 0.5478
size [# of strips]

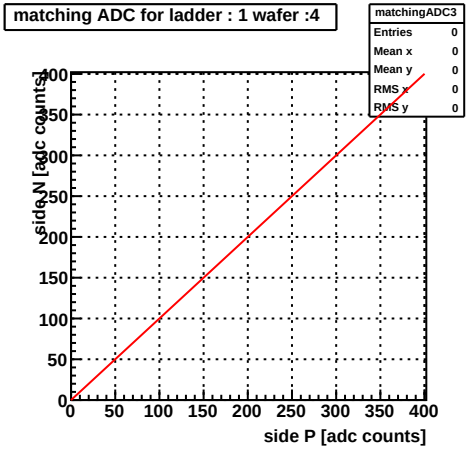

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

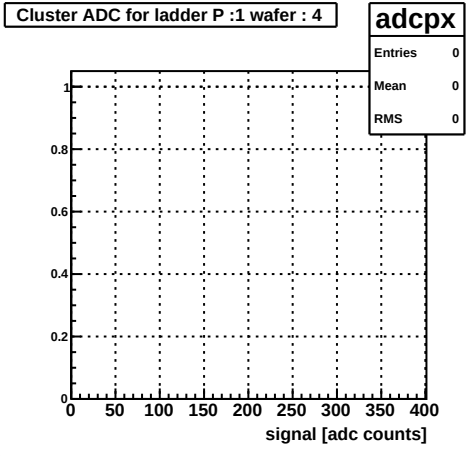

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

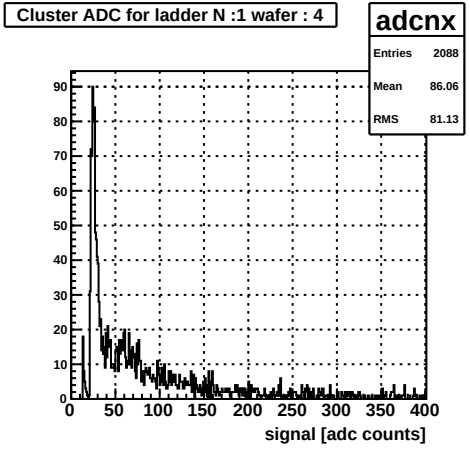

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6546
Mean 25.04
RMS 28.15
signal [adc counts]

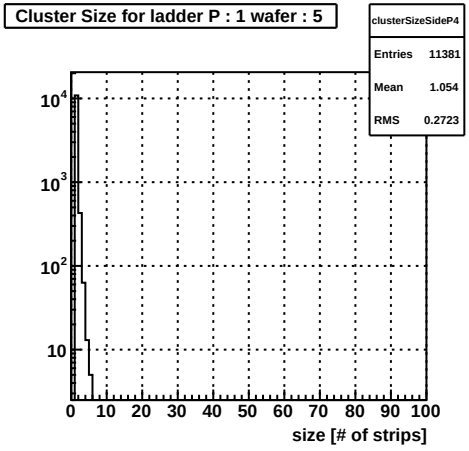

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

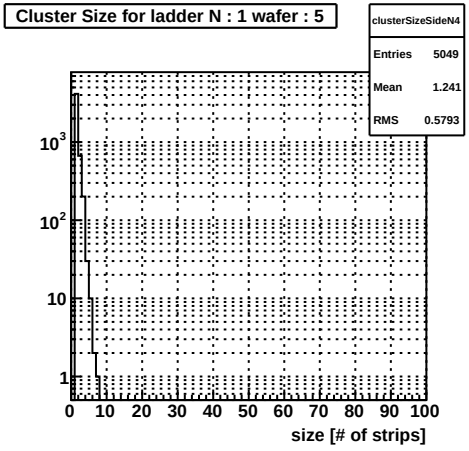

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2088
Mean 2.281
RMS 1.924
size [# of strips]

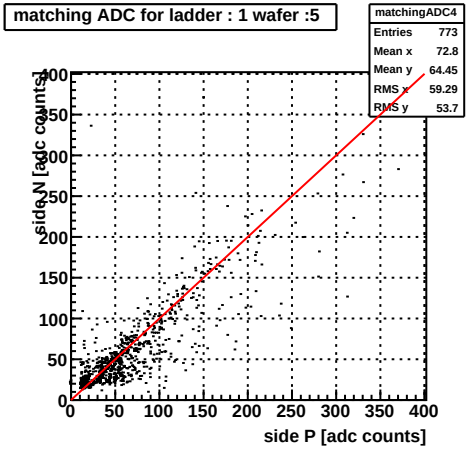

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

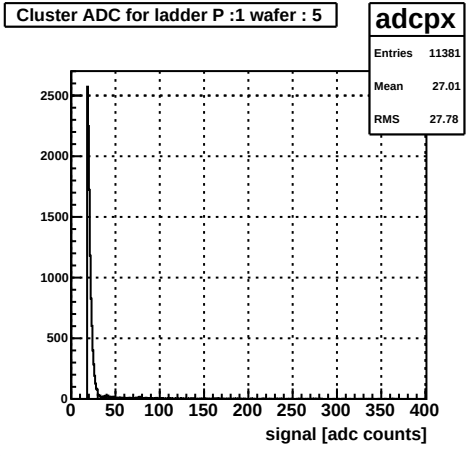

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

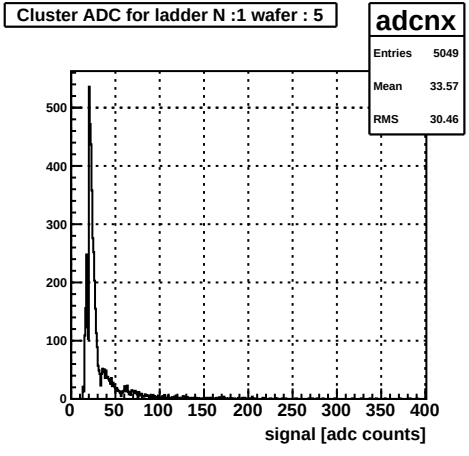

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2088
Mean 86.06
RMS 81.13
signal [adc counts]

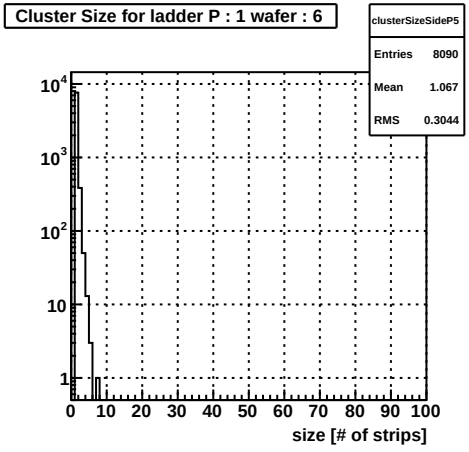

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11381
Mean 1.054
RMS 0.2723
size [# of strips]

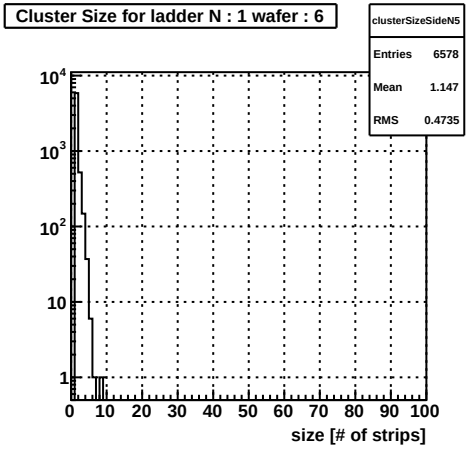

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5049
Mean 1.241
RMS 0.5793
size [# of strips]

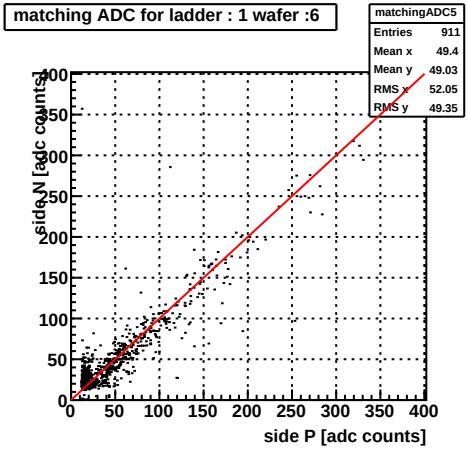

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 773
Mean x 72.8
Mean y 64.45
RMS x 59.29
RMS y 53.7
side N [adc counts]
side P [adc counts]

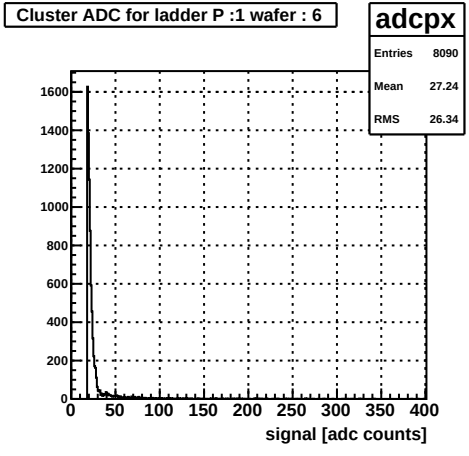

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11381
Mean 27.01
RMS 27.78
signal [adc counts]

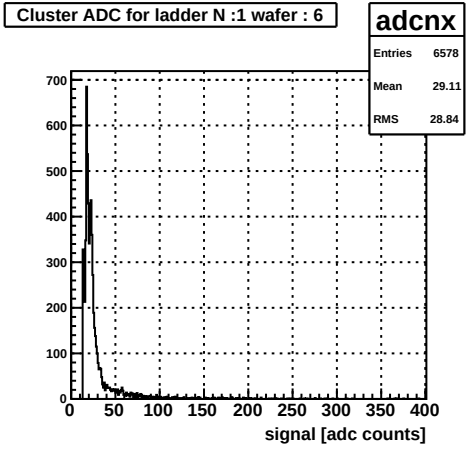

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5049
Mean 33.57
RMS 30.46
signal [adc counts]

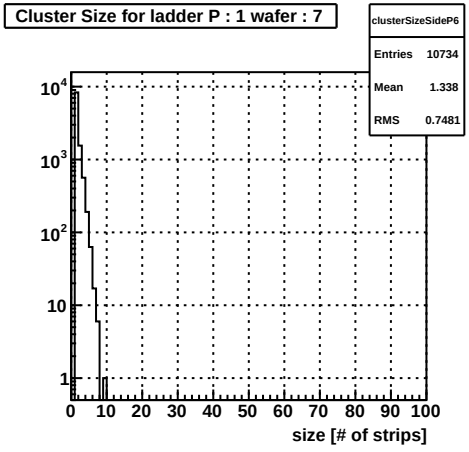

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 8090
Mean 1.067
RMS 0.3044
size [# of strips]

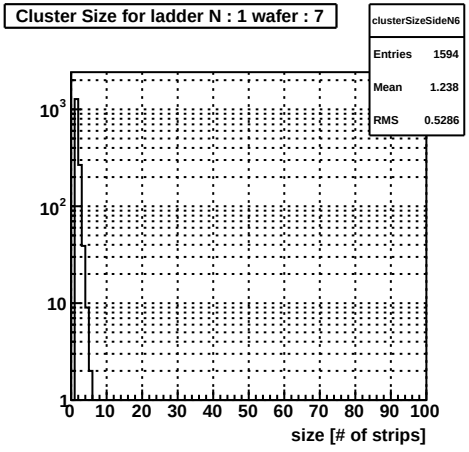

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6578
Mean 1.147
RMS 0.4735
size [# of strips]

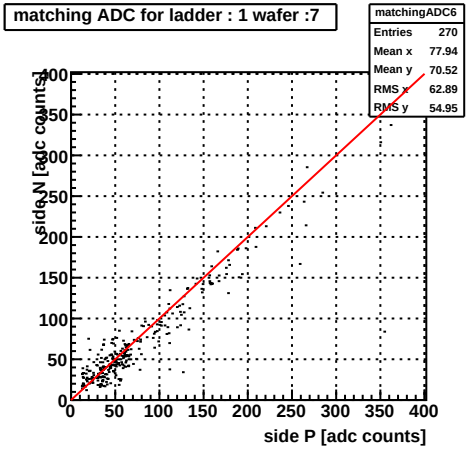

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 911
Mean x 49.4
Mean y 49.03
RMS x 52.05
RMS y 49.35
side N [adc counts]
side P [adc counts]

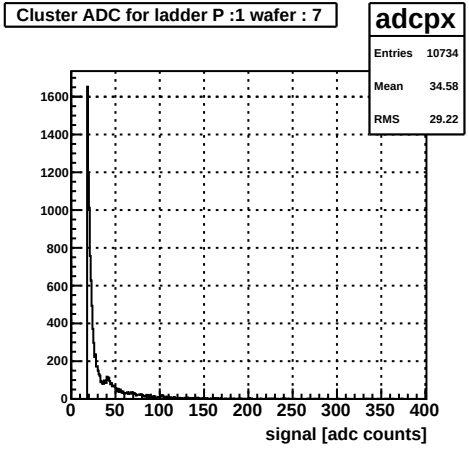

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 8090
Mean 27.24
RMS 26.34
signal [adc counts]

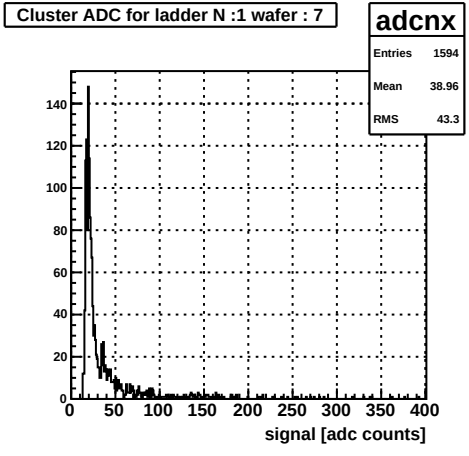

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6578
Mean 29.11
RMS 28.84
signal [adc counts]

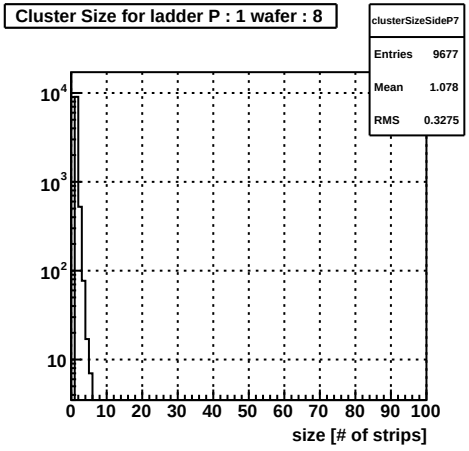

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10734
Mean 1.338
RMS 0.7481
size [# of strips]

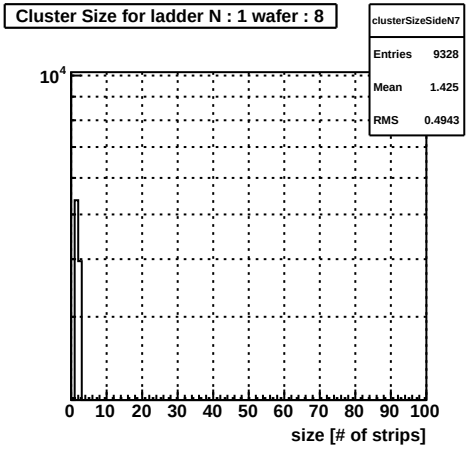

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1594
Mean 1.238
RMS 0.5286
size [# of strips]

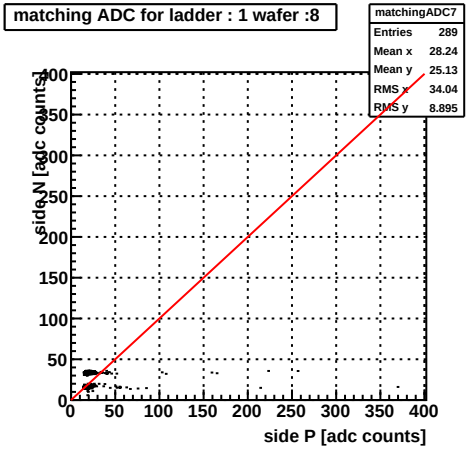

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 270
Mean x 77.94
Mean y 70.52
RMS x 62.89
RMS y 54.95
side N [adc counts]
side P [adc counts]

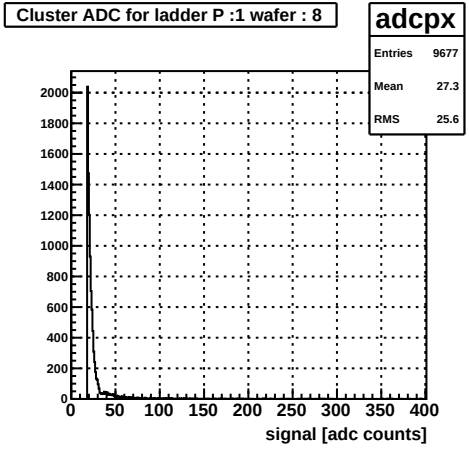

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10734
Mean 34.58
RMS 29.22
signal [adc counts]

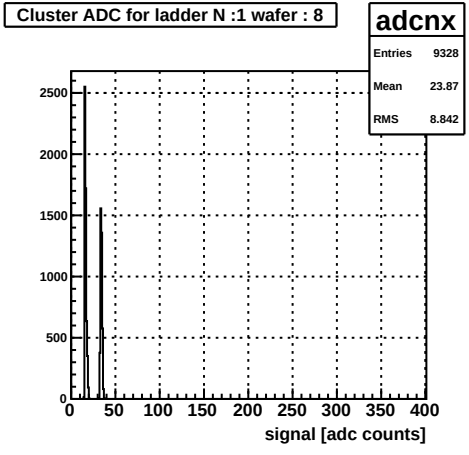

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1594
Mean 38.96
RMS 43.3
signal [adc counts]

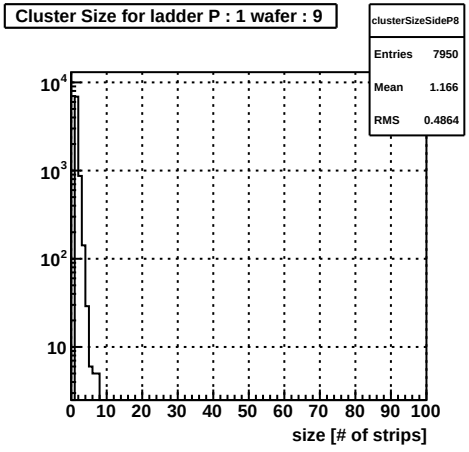

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 9677
Mean 1.078
RMS 0.3275
size [# of strips]

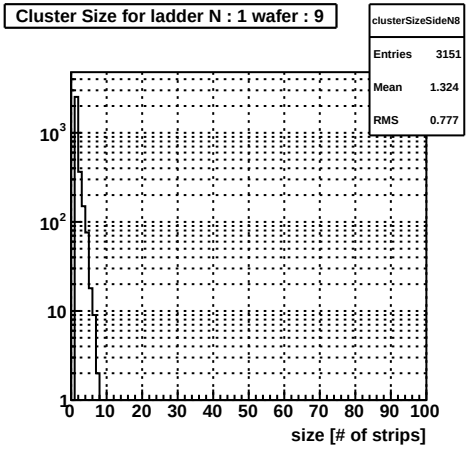

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 9328
Mean 1.425
RMS 0.4943
size [# of strips]

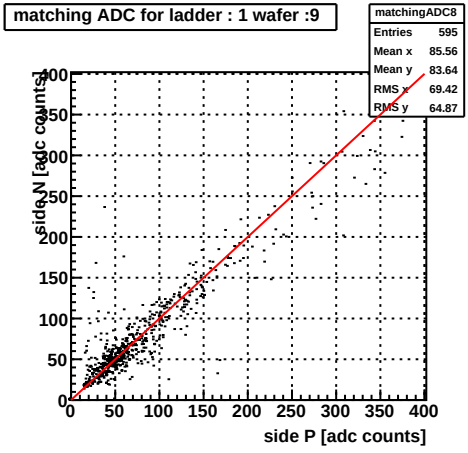

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 289
Mean x 28.24
Mean y 25.13
RMS x 34.04
RMS y 8.895
side N [adc counts]
side P [adc counts]

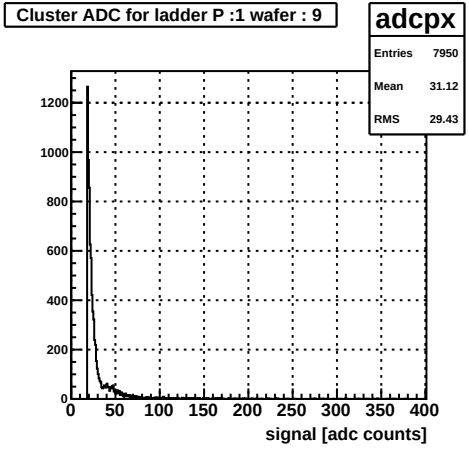

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 9677
Mean 27.3
RMS 25.6
signal [adc counts]

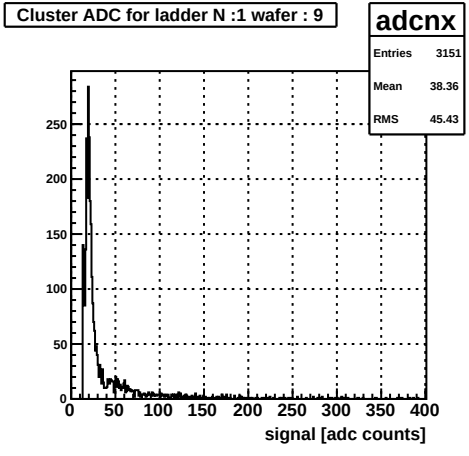

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 9328
Mean 23.87
RMS 8.842
signal [adc counts]

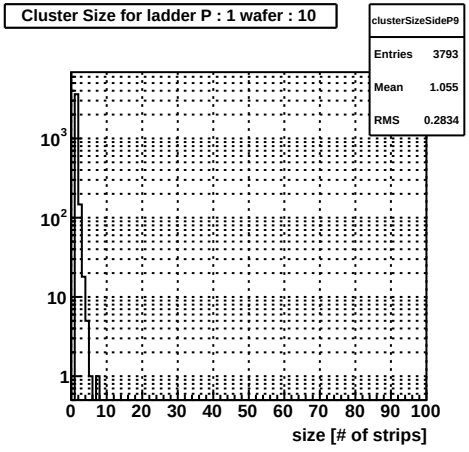

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 7950
Mean 1.166
RMS 0.4864
size [# of strips]

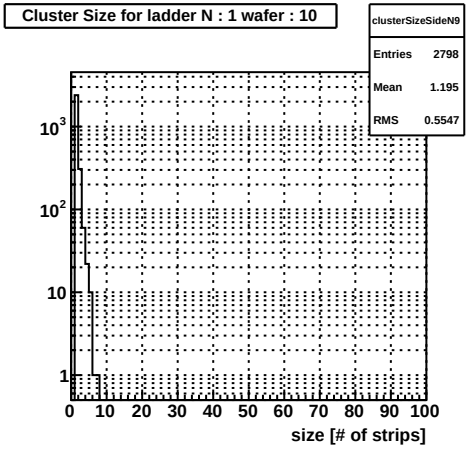

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3151
Mean 1.324
RMS 0.777
size [# of strips]

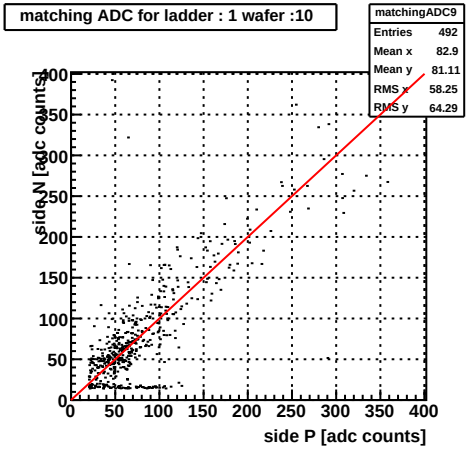

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 595
Mean x 85.56
Mean y 83.64
RMS x 69.42
RMS y 64.87
side N [adc counts]
side P [adc counts]

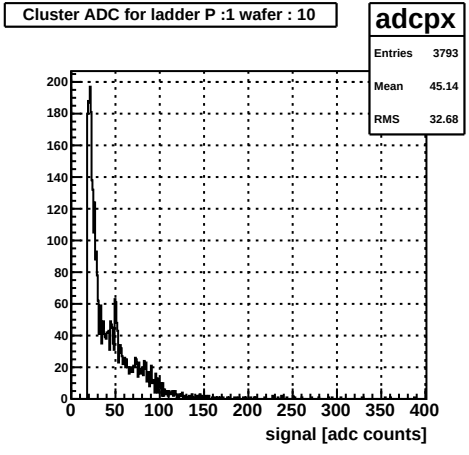

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 7950
Mean 31.12
RMS 29.43
signal [adc counts]

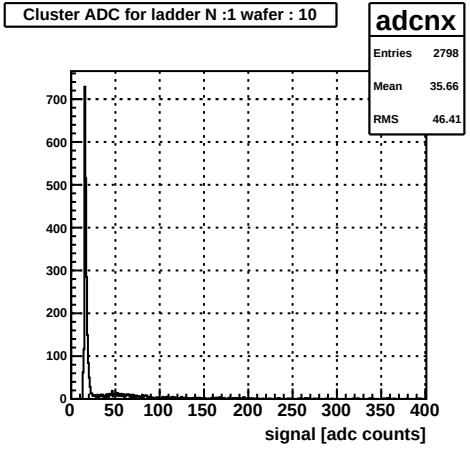

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3151
Mean 38.36
RMS 45.43
signal [adc counts]

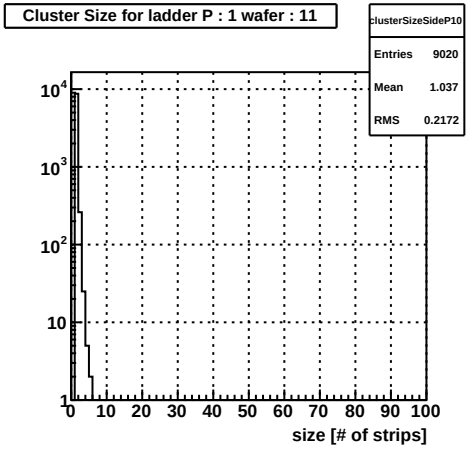

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3793
Mean 1.055
RMS 0.2834
size [# of strips]

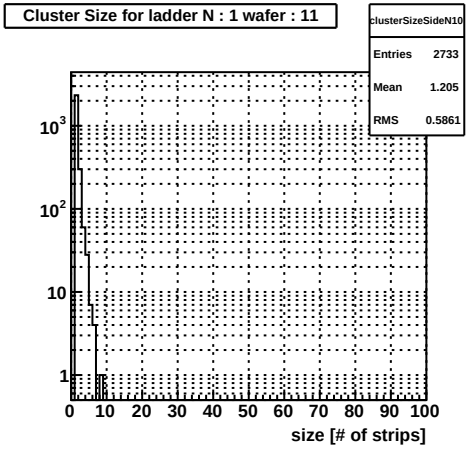

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2798
Mean 1.195
RMS 0.5547
size [# of strips]

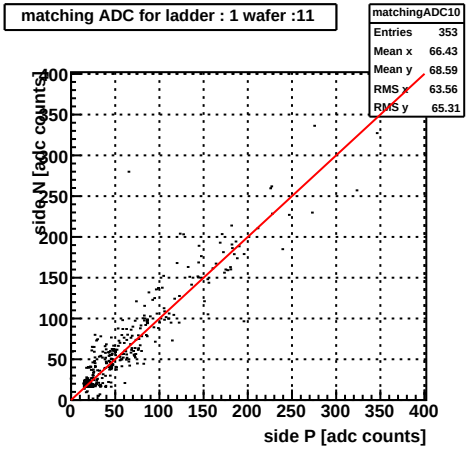

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 492
Mean x 82.9
Mean y 81.11
RMS x 58.25
RMS y 64.29
side N [adc counts]
side P [adc counts]

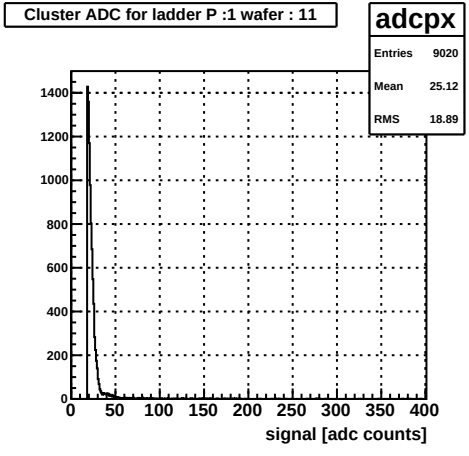

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3793
Mean 45.14
RMS 32.68
signal [adc counts]

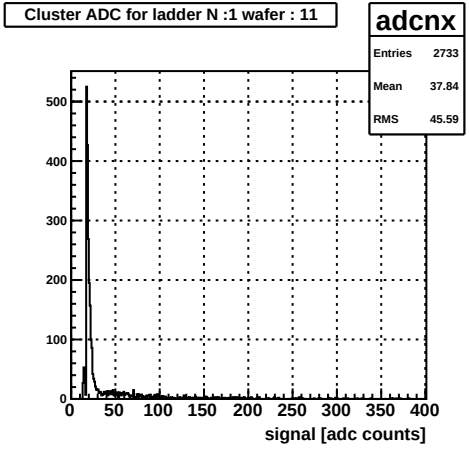

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2798
Mean 35.66
RMS 46.41
signal [adc counts]

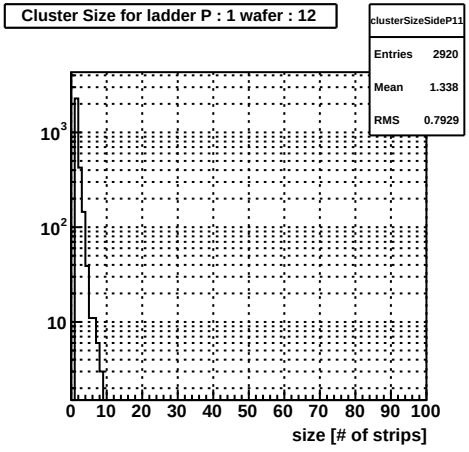

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9020
Mean 1.037
RMS 0.2172
size [# of strips]

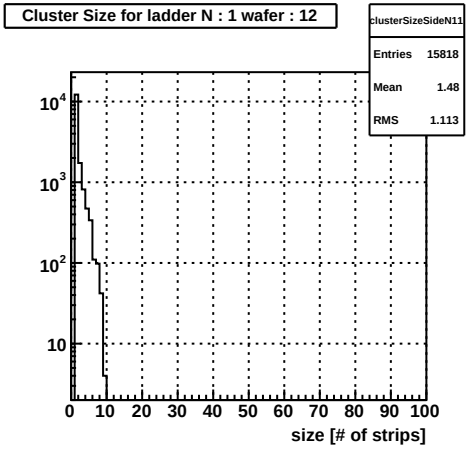

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2733
Mean 1.205
RMS 0.5861
size [# of strips]

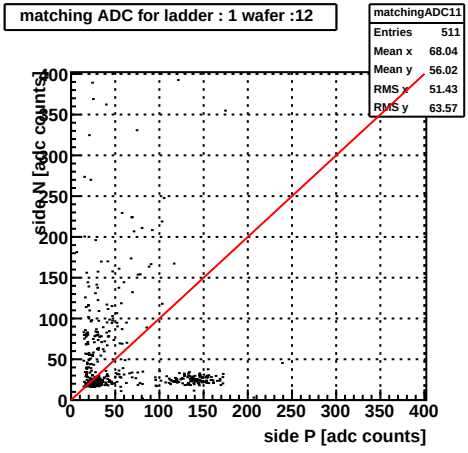

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 353
Mean x 66.43
Mean y 68.59
RMS x 63.56
RMS y 65.31
side N [adc counts]
side P [adc counts]

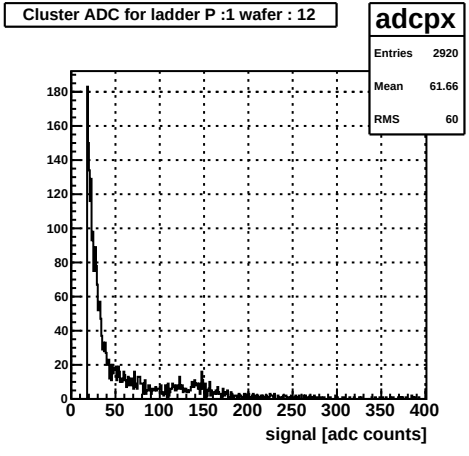

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9020
Mean 25.12
RMS 18.89
signal [adc counts]

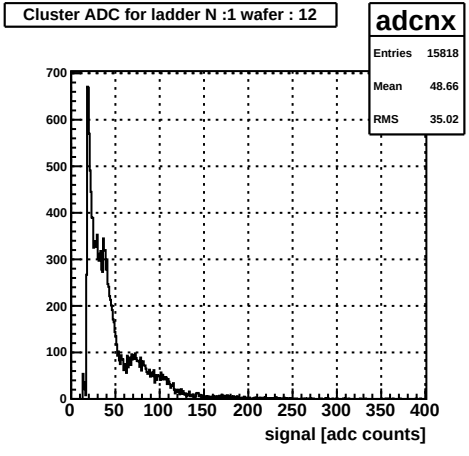

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2733
Mean 37.84
RMS 45.59
signal [adc counts]

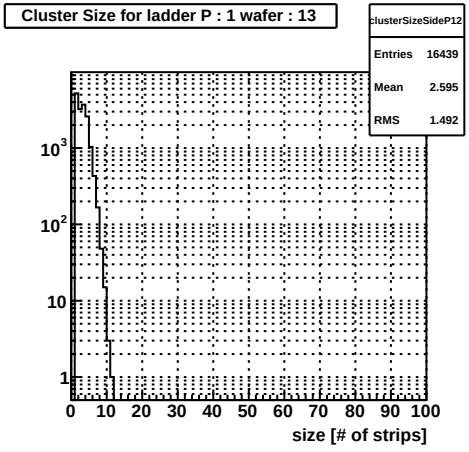

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2920
Mean 1.338
RMS 0.7929
size [# of strips]

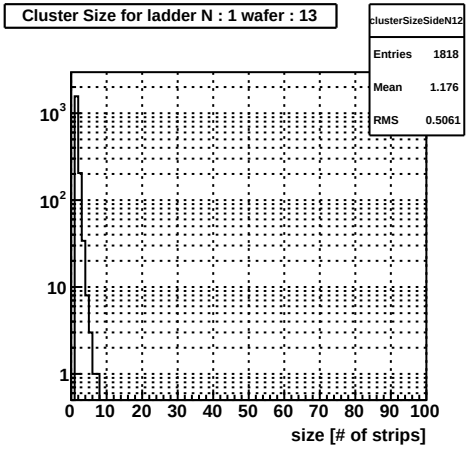

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 15818
Mean 1.48
RMS 1.113
size [# of strips]

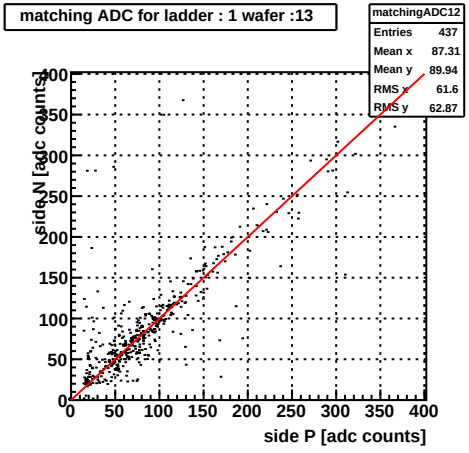

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 511
Mean x 68.04
Mean y 56.02
RMS x 51.43
RMS y 63.57
side N [adc counts]
side P [adc counts]

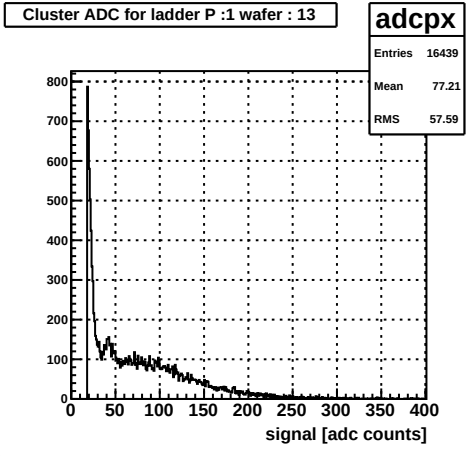

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2920
Mean 61.66
RMS 60
signal [adc counts]

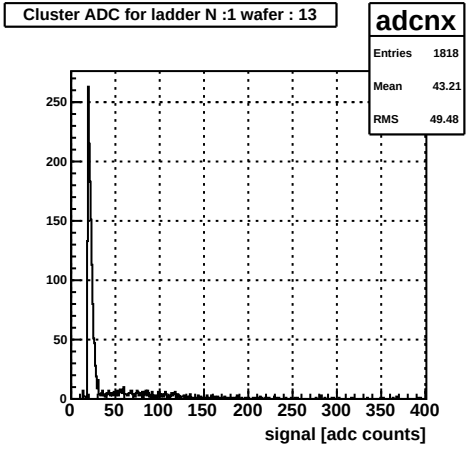

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 15818
Mean 48.66
RMS 35.02
signal [adc counts]

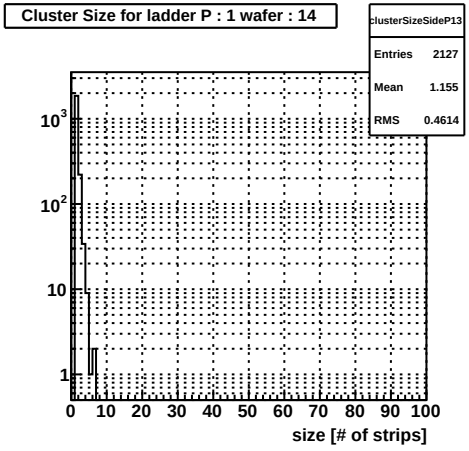

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 16439
Mean 2.595
RMS 1.492
size [# of strips]

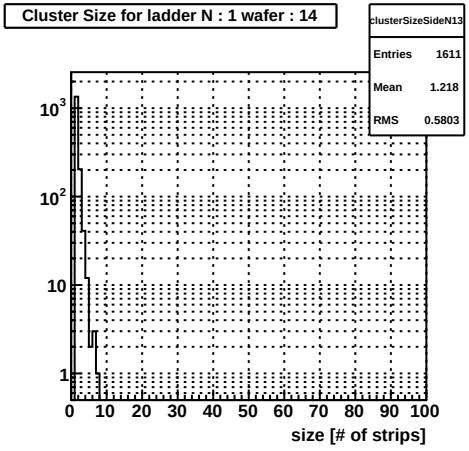

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1818
Mean 1.176
RMS 0.5061
size [# of strips]

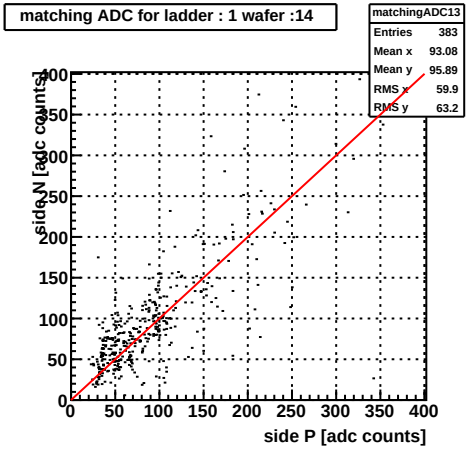

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 437
Mean x 87.31
Mean y 89.94
RMS x 61.6
RMS y 62.87
side N [adc counts]
side P [adc counts]

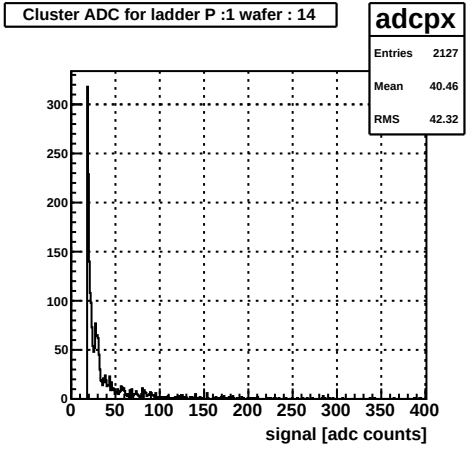

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 16439
Mean 77.21
RMS 57.59
signal [adc counts]

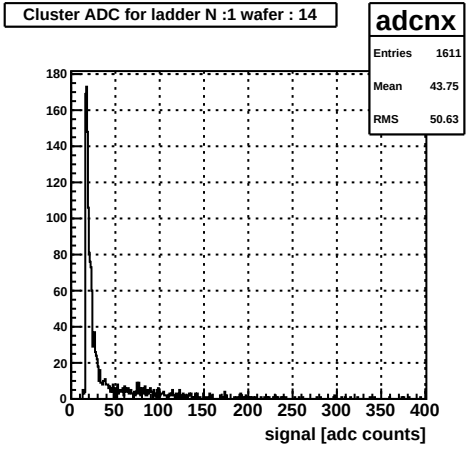

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1818
Mean 43.21
RMS 49.48
signal [adc counts]

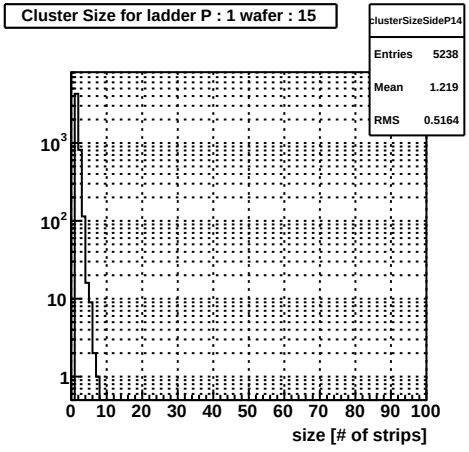

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2127
Mean 1.155
RMS 0.4614
size [# of strips]

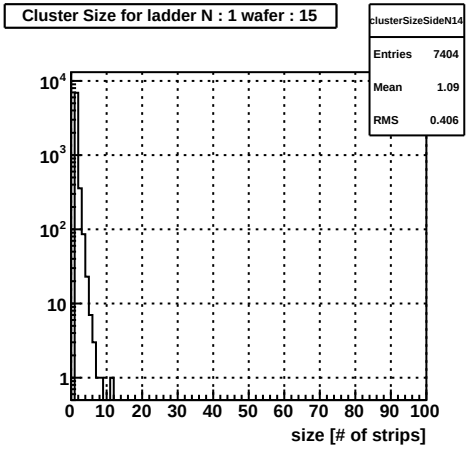

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1611
Mean 1.218
RMS 0.5803
size [# of strips]

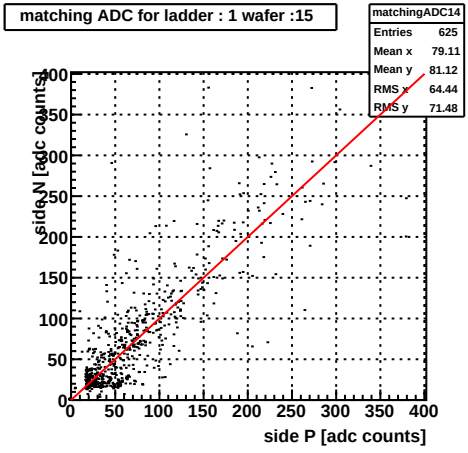

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 383
Mean x 93.08
Mean y 95.89
RMS x 59.9
RMS y 63.2
side N [adc counts]
side P [adc counts]

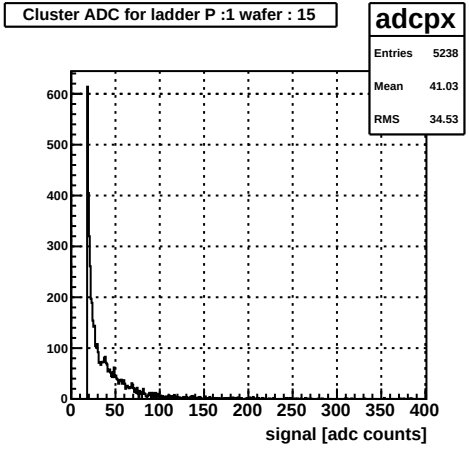

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2127
Mean 40.46
RMS 42.32
signal [adc counts]

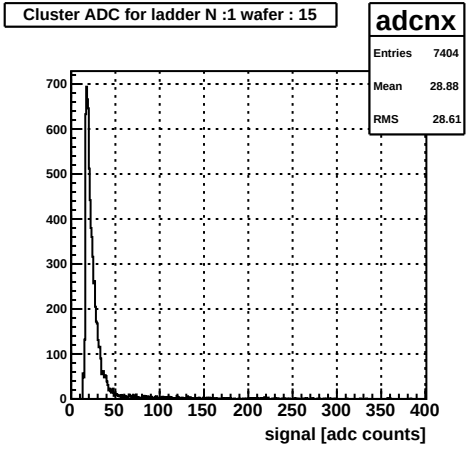

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1611
Mean 43.75
RMS 50.63
signal [adc counts]

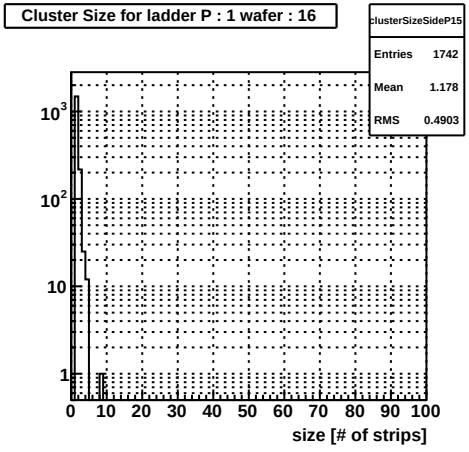

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 5238
Mean 1.219
RMS 0.5164
size [# of strips]

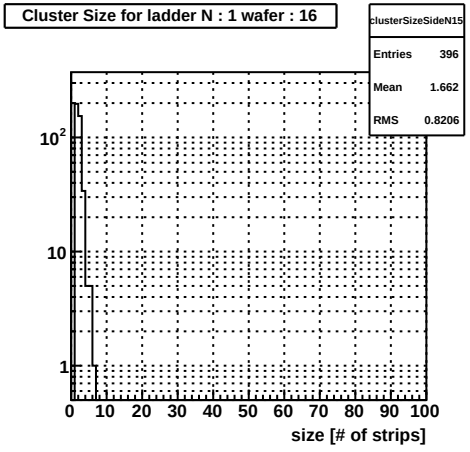

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7404
Mean 1.09
RMS 0.406
size [# of strips]

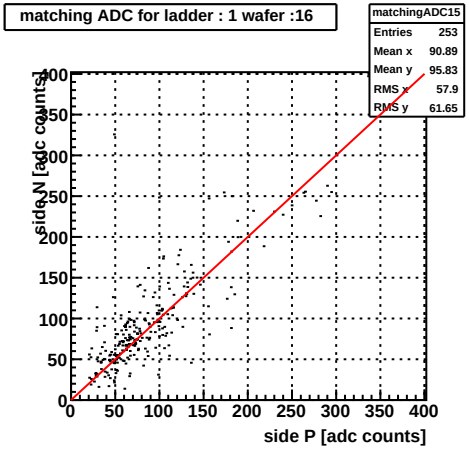

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 625
Mean x 79.11
Mean y 81.12
RMS x 64.44
RMS y 71.48
side N [adc counts]
side P [adc counts]

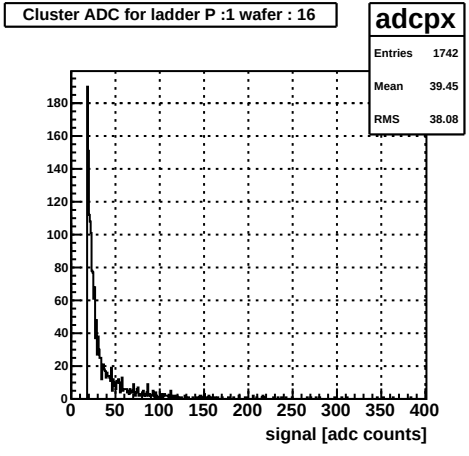

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 5238
Mean 41.03
RMS 34.53
signal [adc counts]

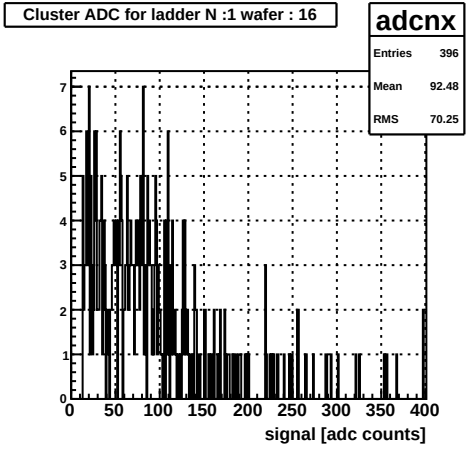

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7404
Mean 28.88
RMS 28.61
signal [adc counts]

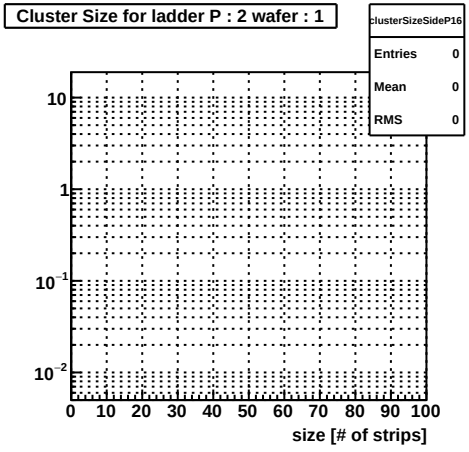

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1742
Mean 1.178
RMS 0.4903
size [# of strips]

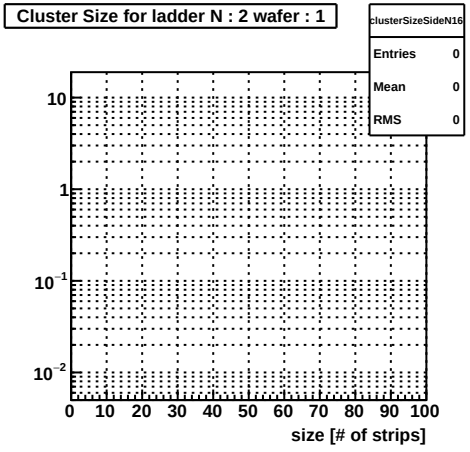

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 396
Mean 1.662
RMS 0.8206
size [# of strips]

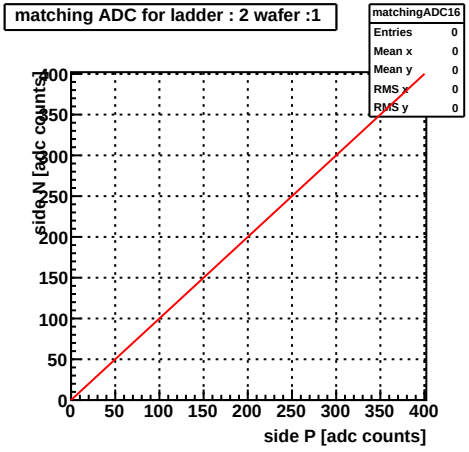

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 253
Mean x 90.89
Mean y 95.83
RMS x 57.9
RMS y 61.65
side N [adc counts]
side P [adc counts]

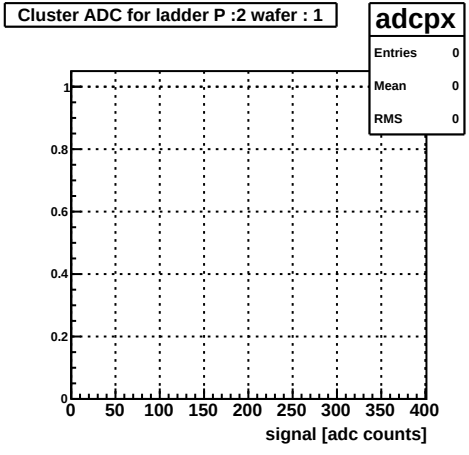

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1742
Mean 39.45
RMS 38.08
signal [adc counts]

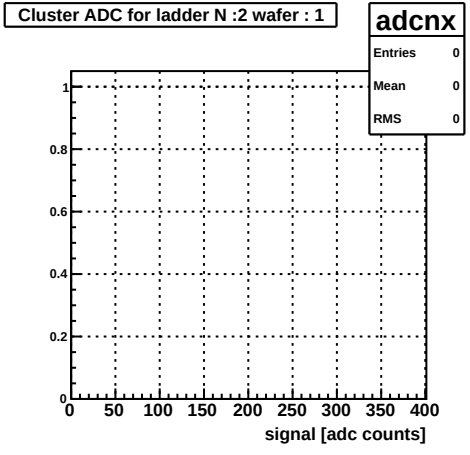

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 396
Mean 92.48
RMS 70.25
signal [adc counts]

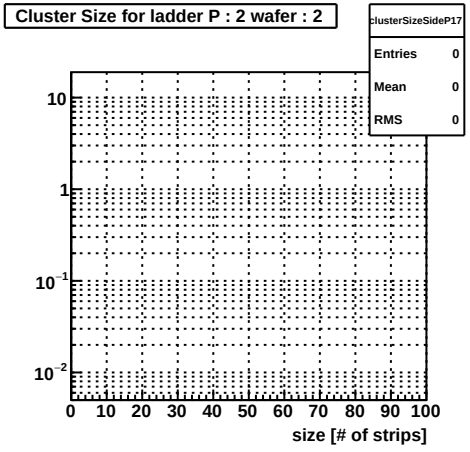

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

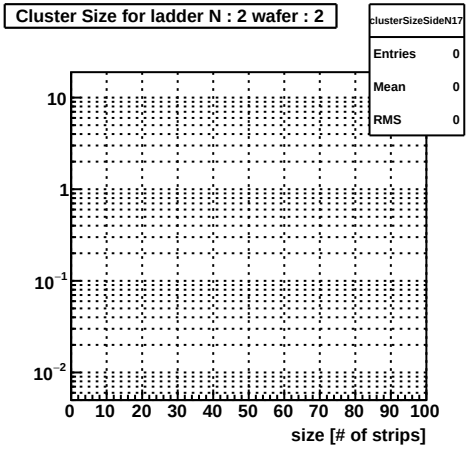

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

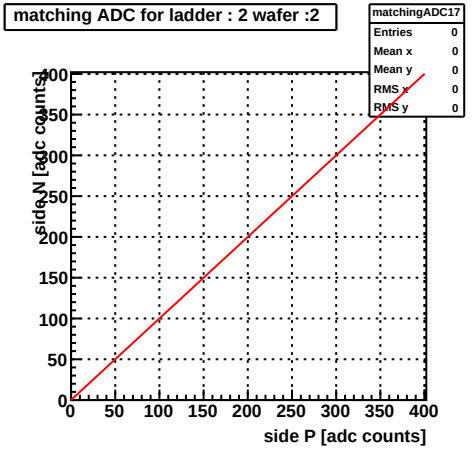

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

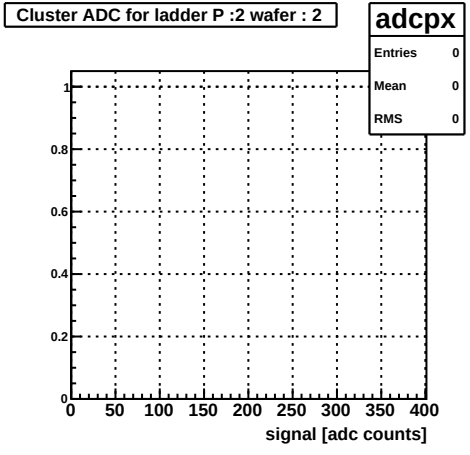

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

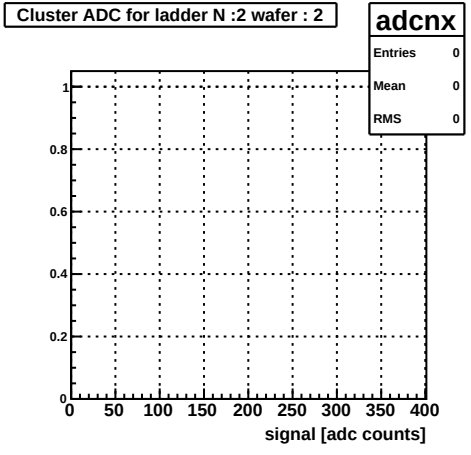

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

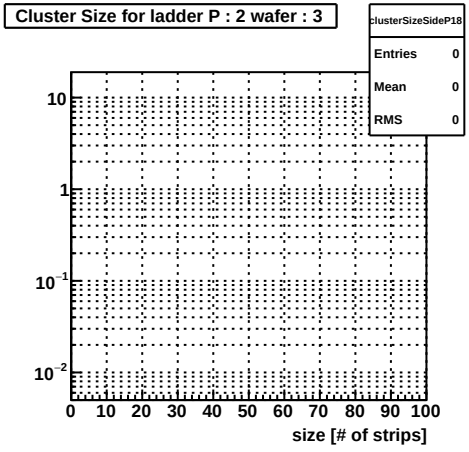

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

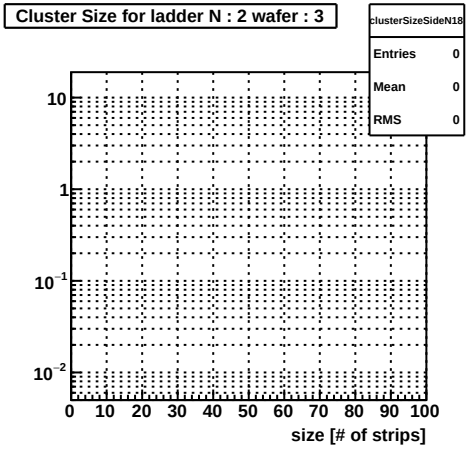

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

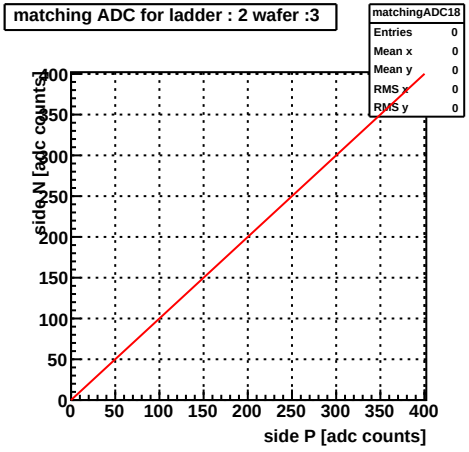

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

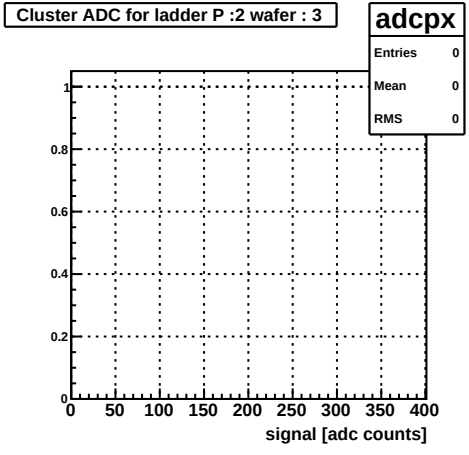

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

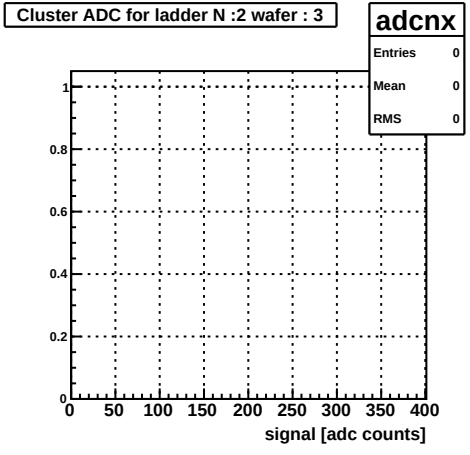

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

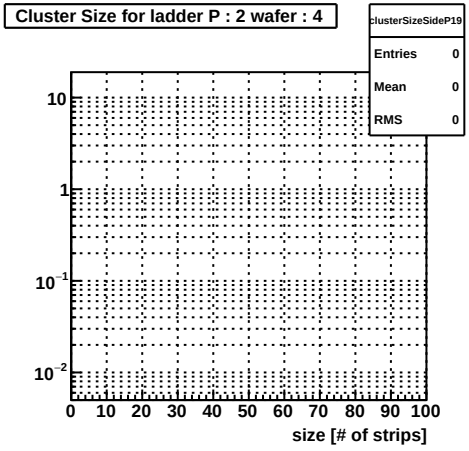

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

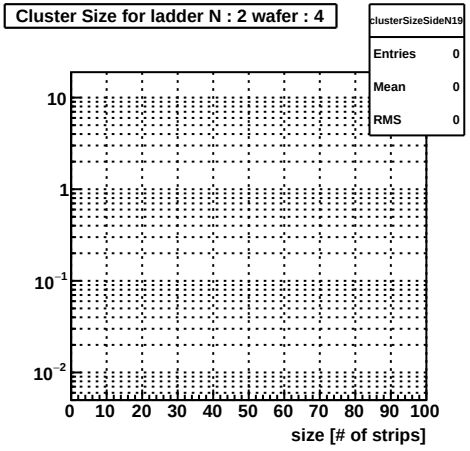

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

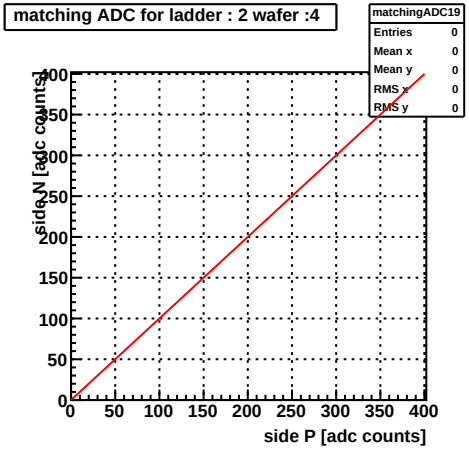

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

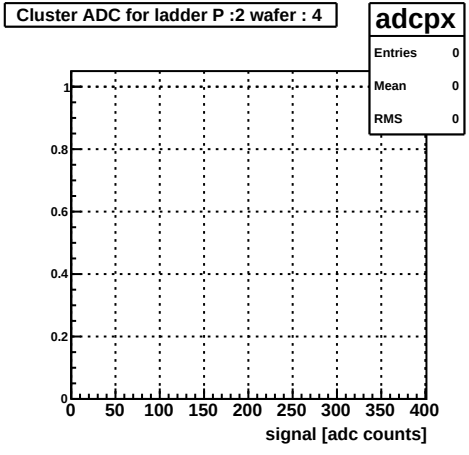

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

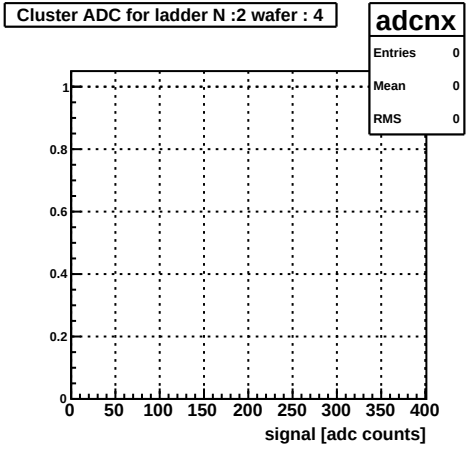

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

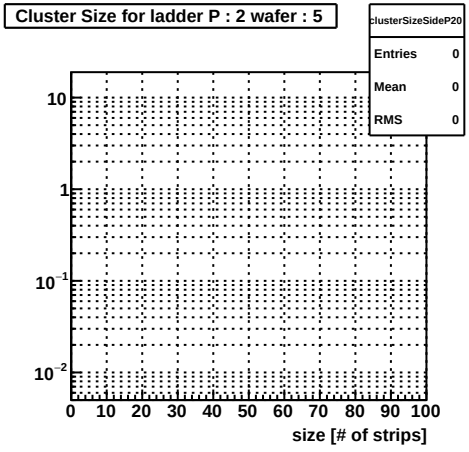

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

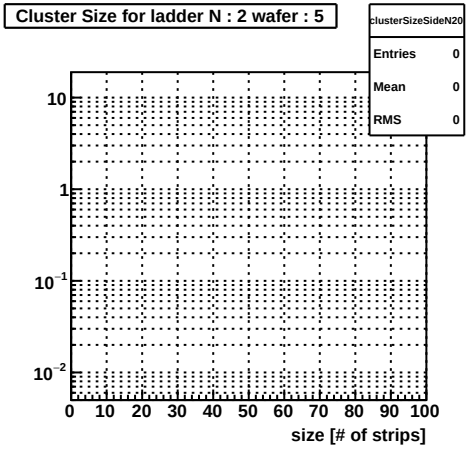

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

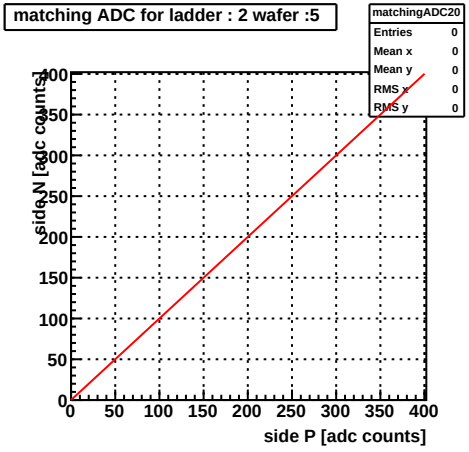

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

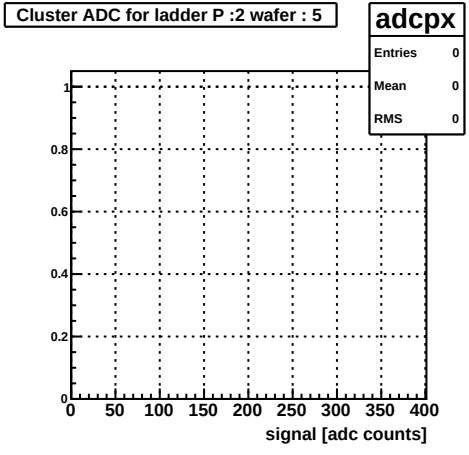

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

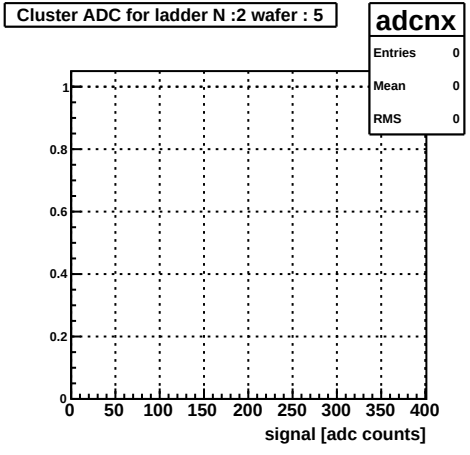

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

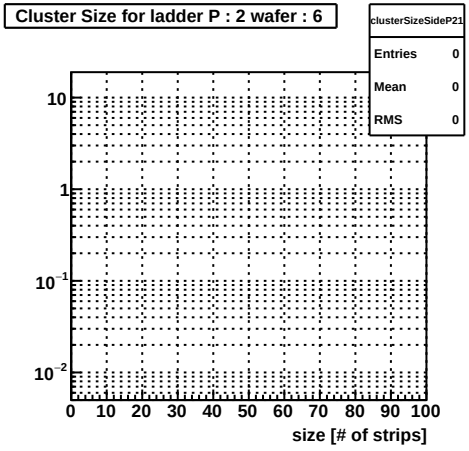

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

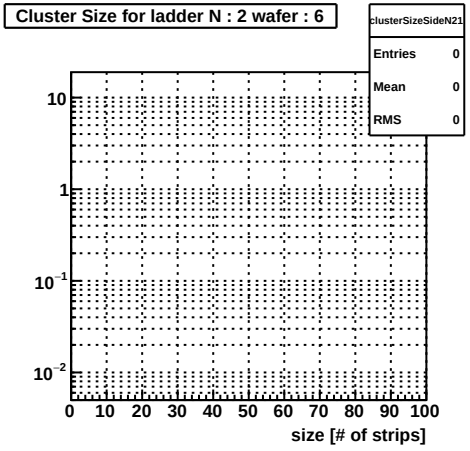

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

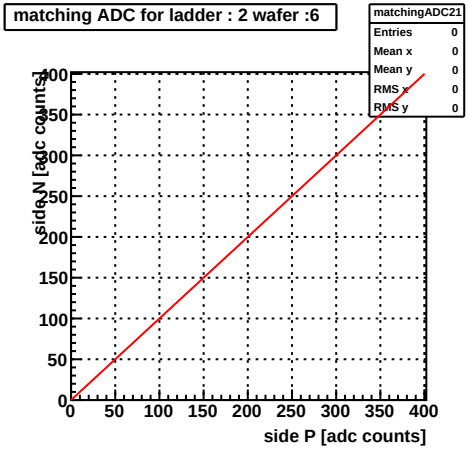

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

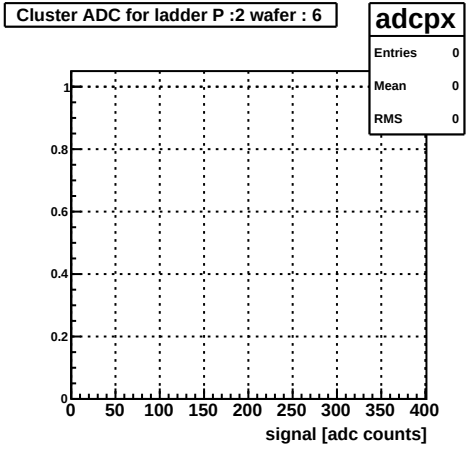

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

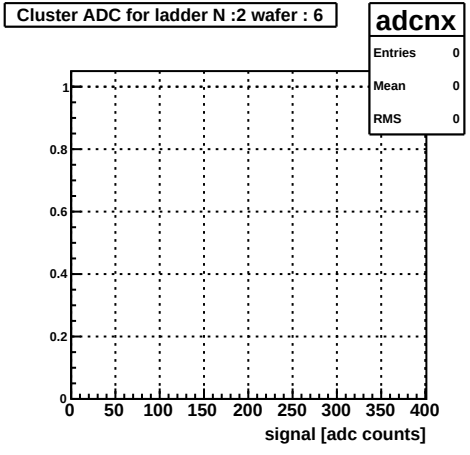

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

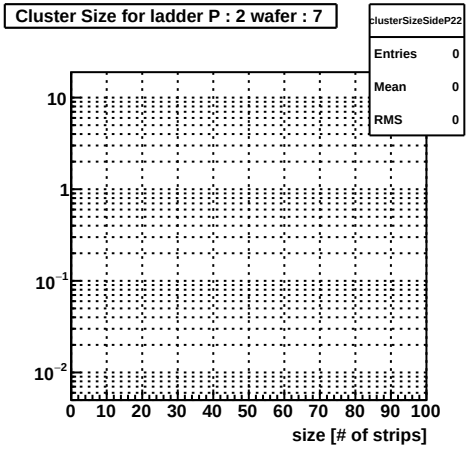

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

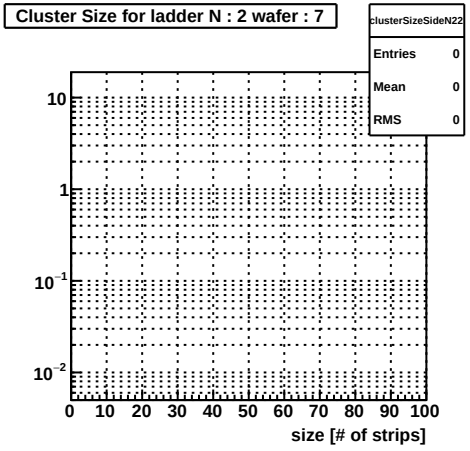

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

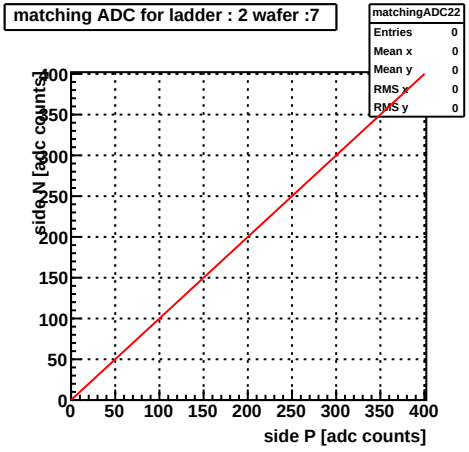

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

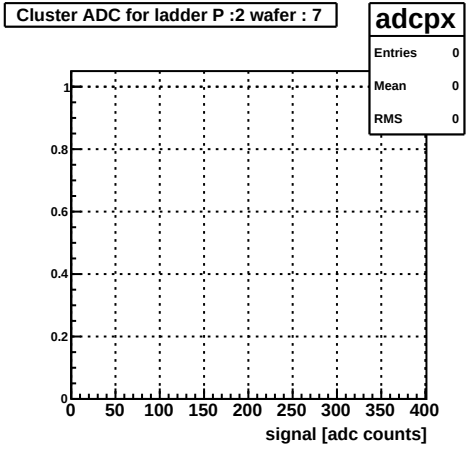

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

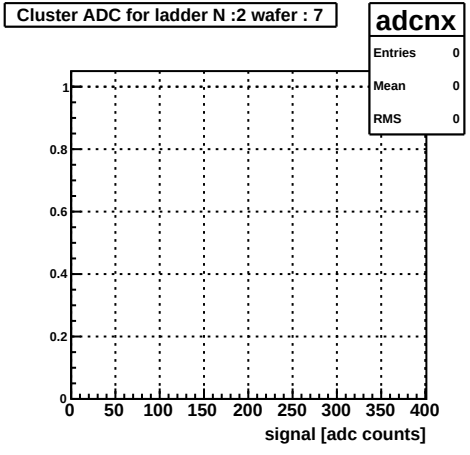

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

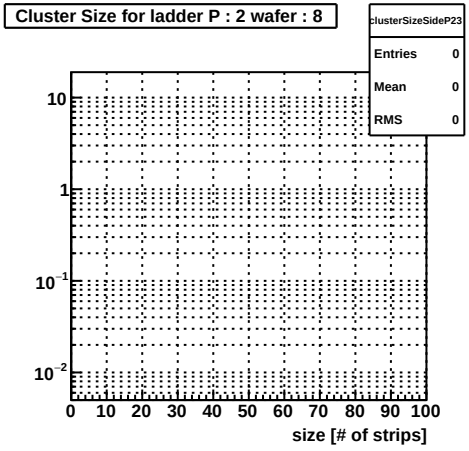

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

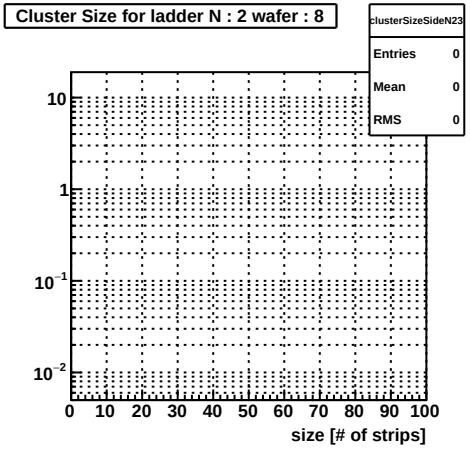

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

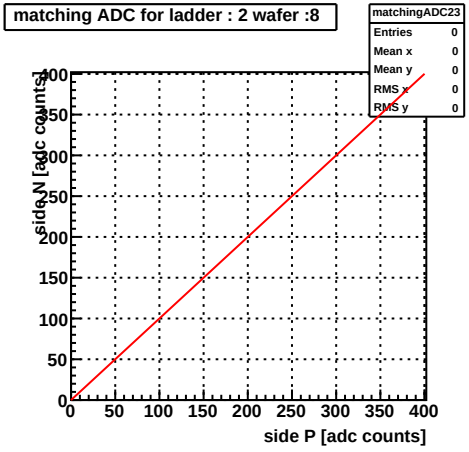

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

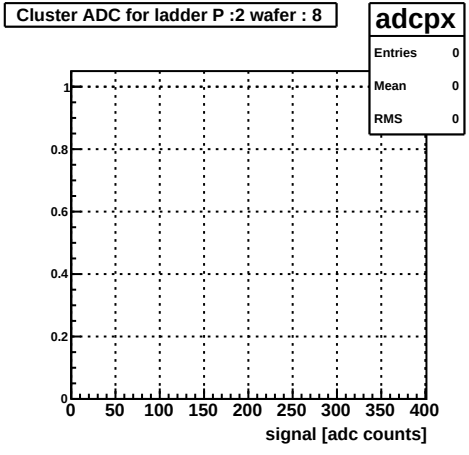

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

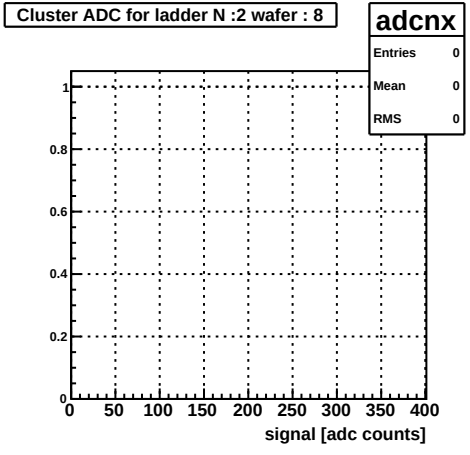

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

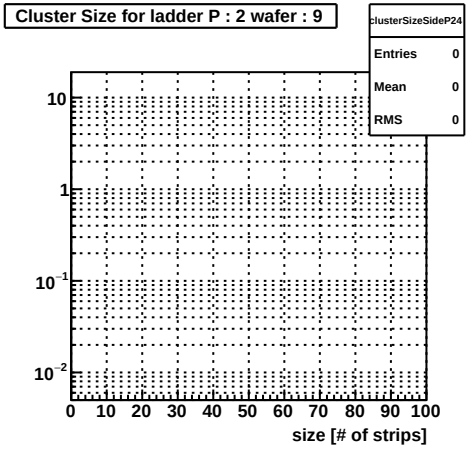

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

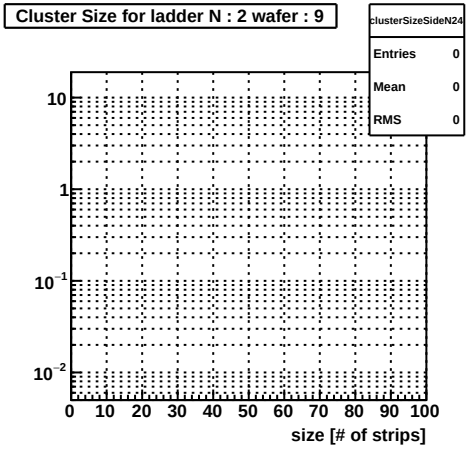

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

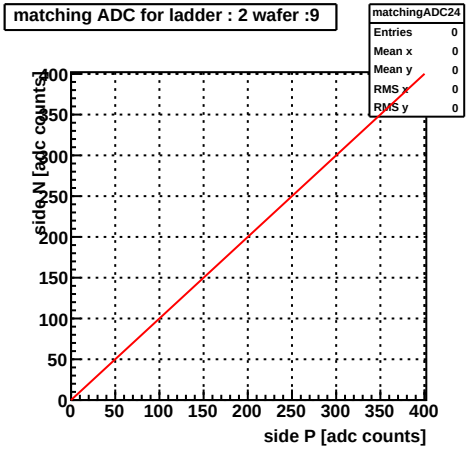

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

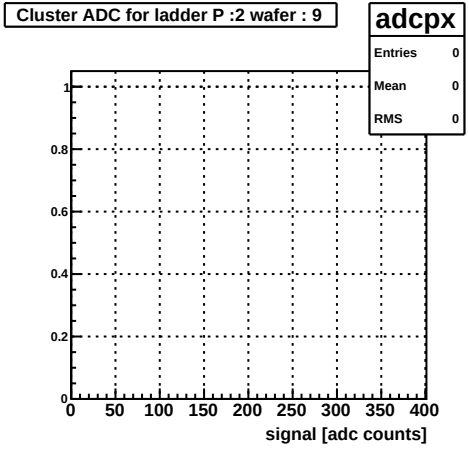

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

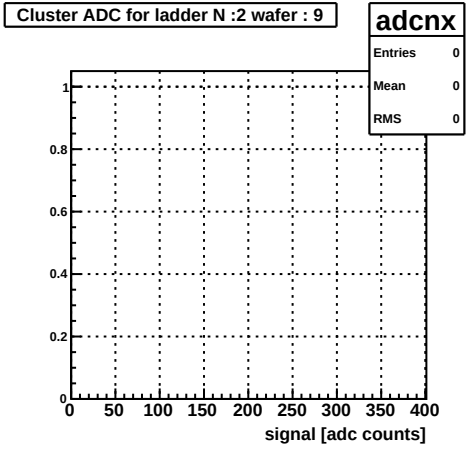

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

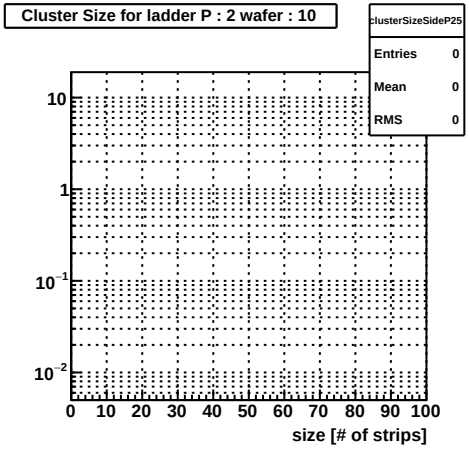

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

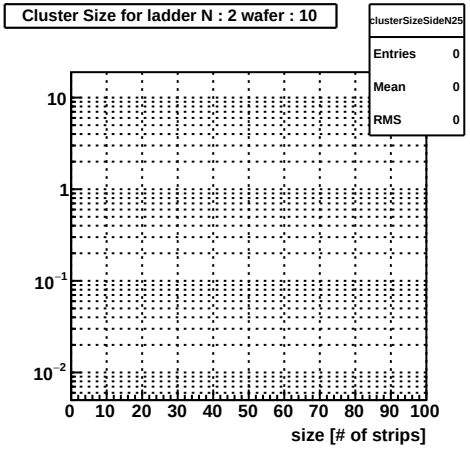

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

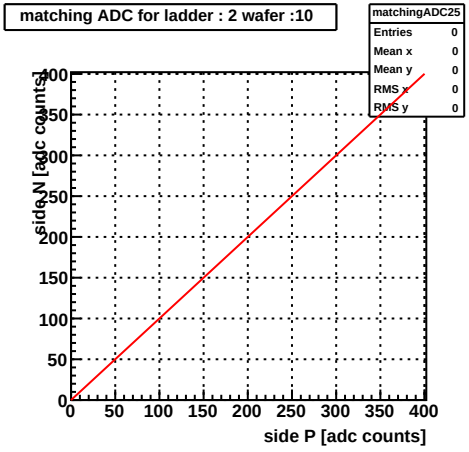

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

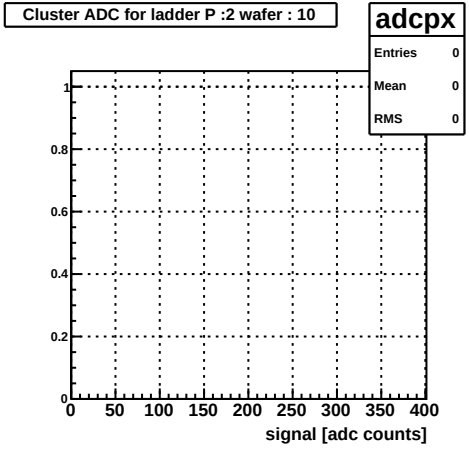

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

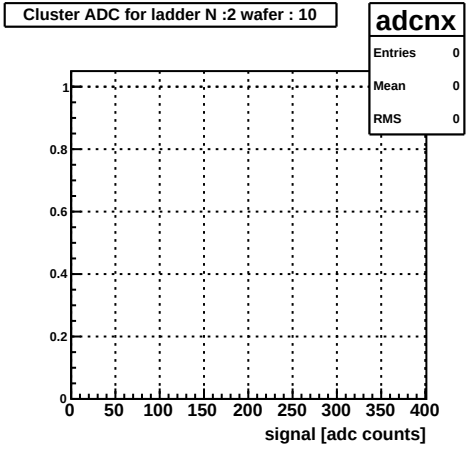

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

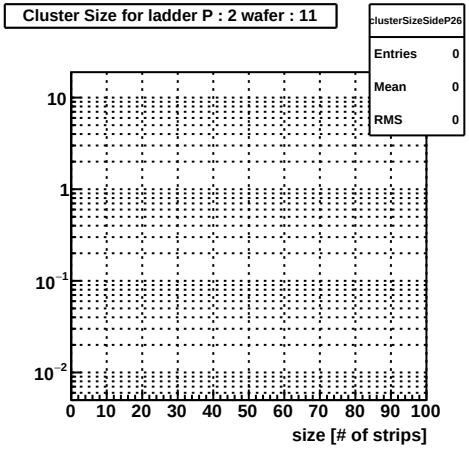

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

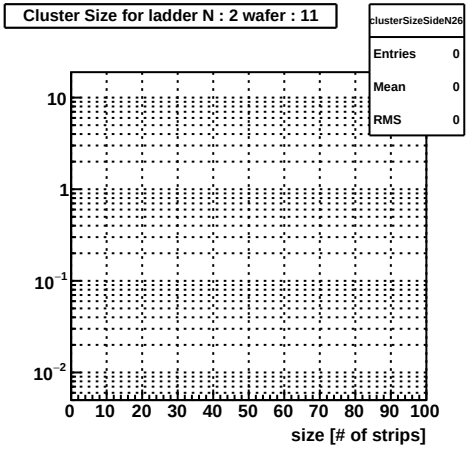

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

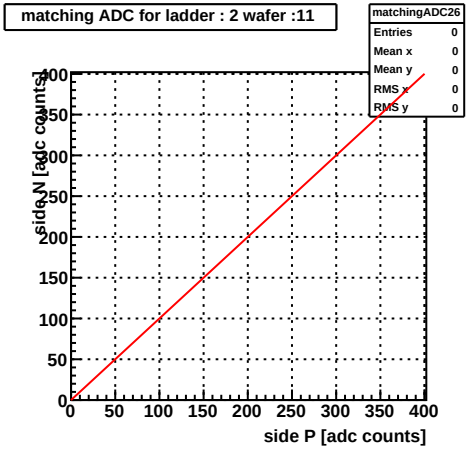

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

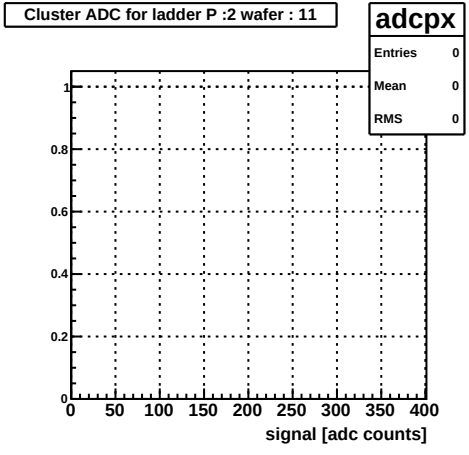

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

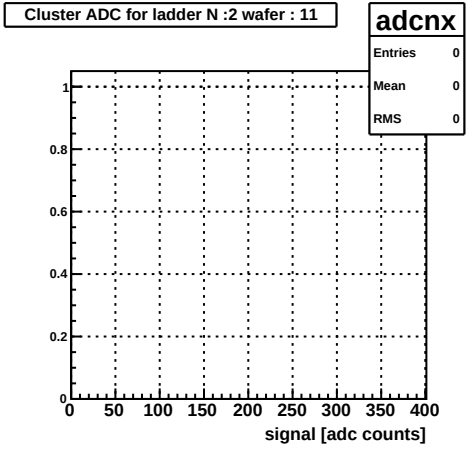

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

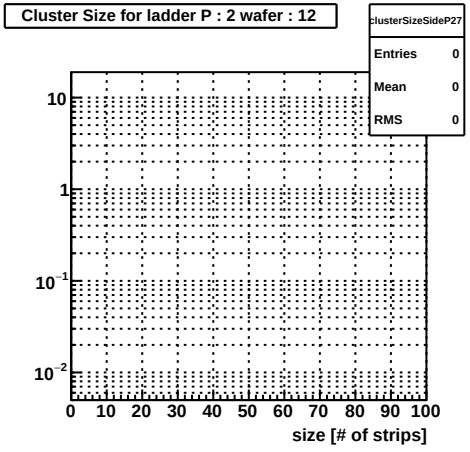

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

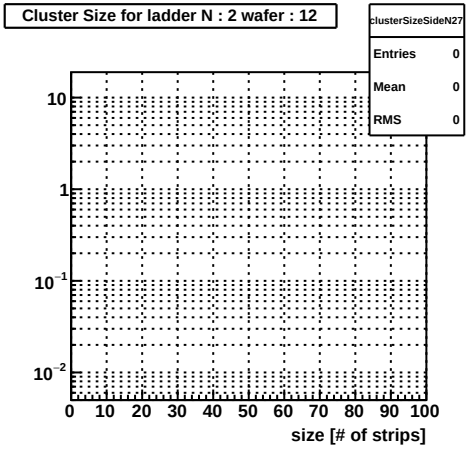

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

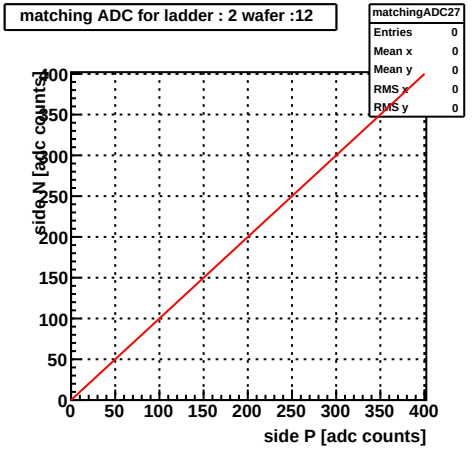

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

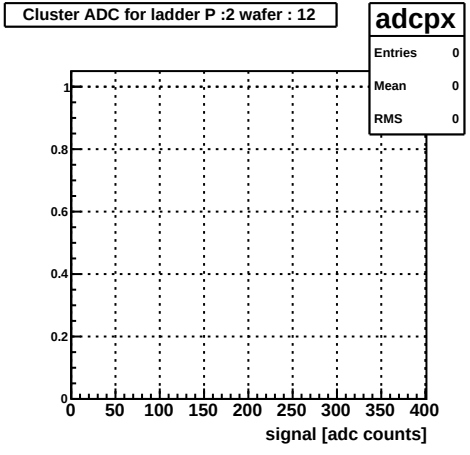

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

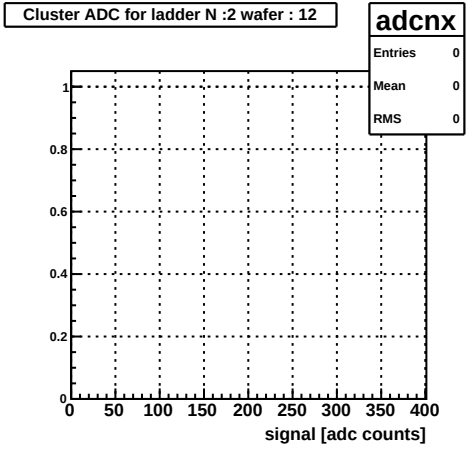

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

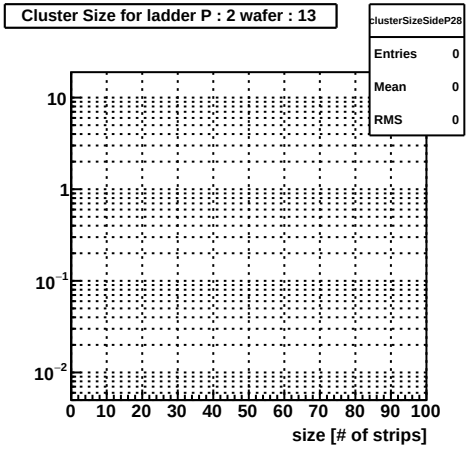

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

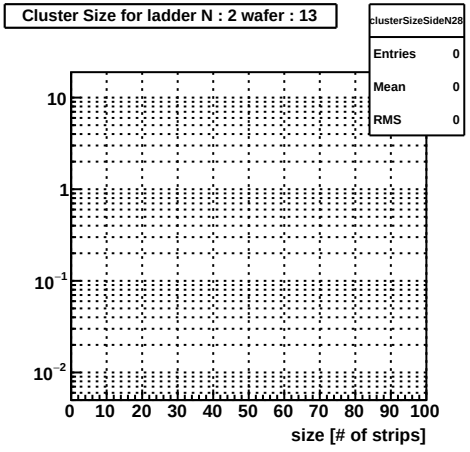

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

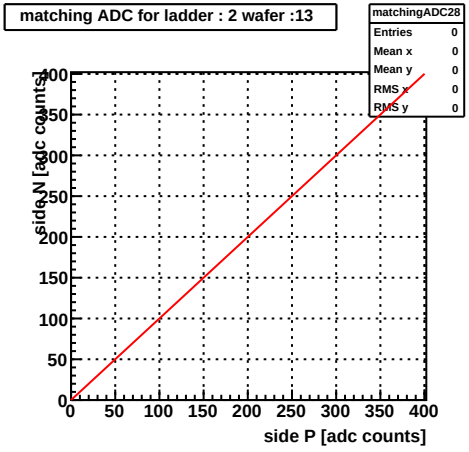

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

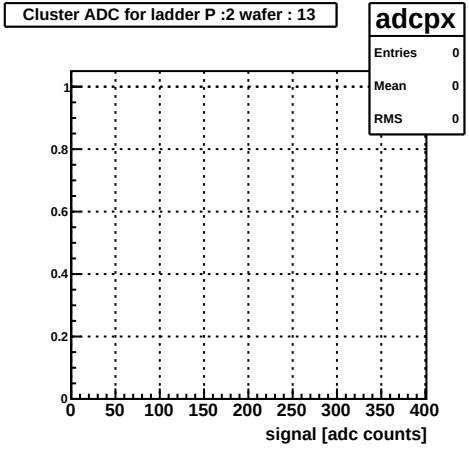

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

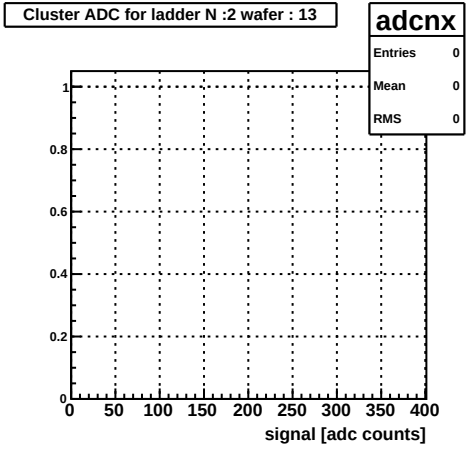

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

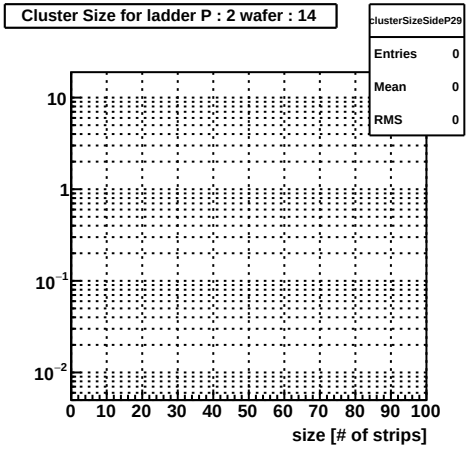

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

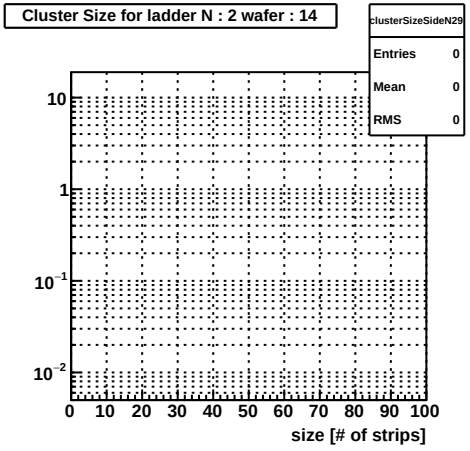

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

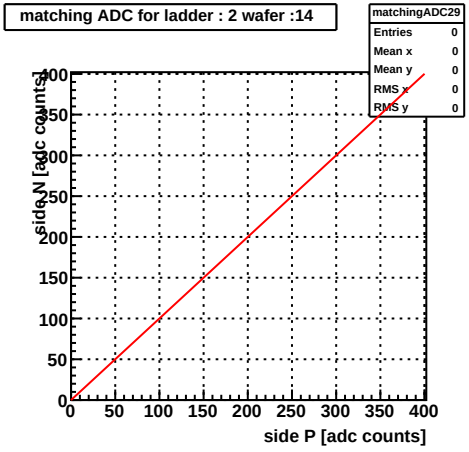

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

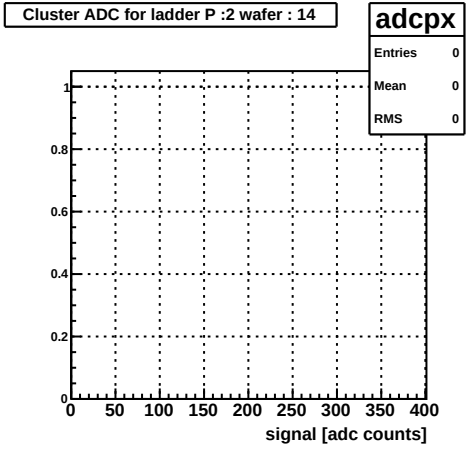

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

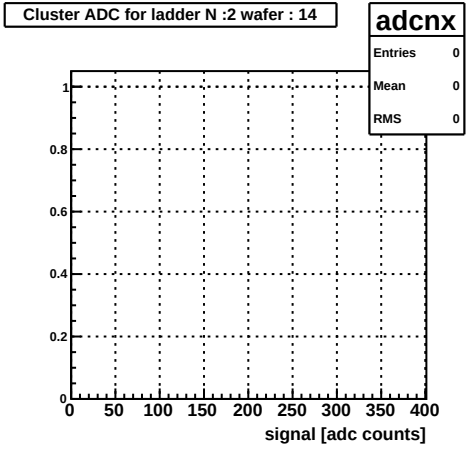

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

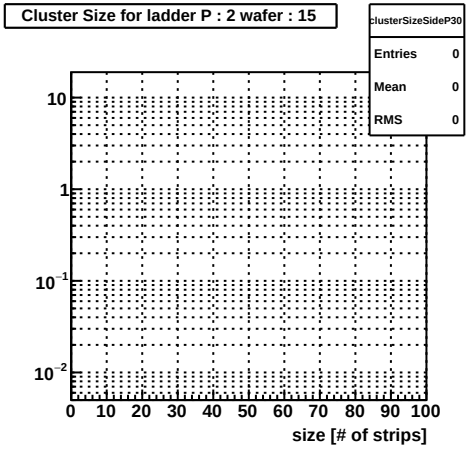

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

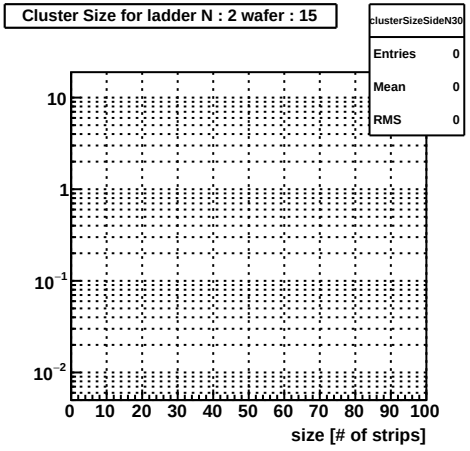

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

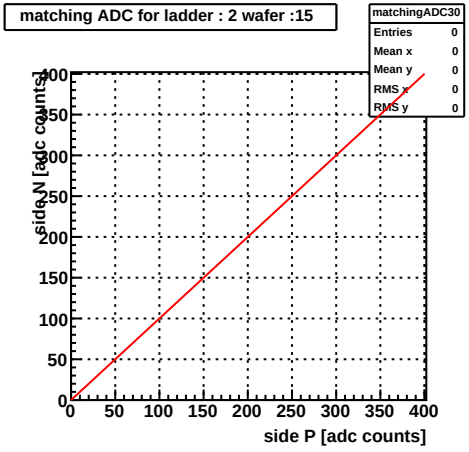

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

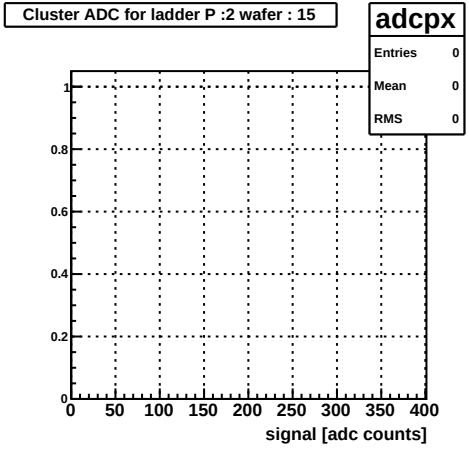

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

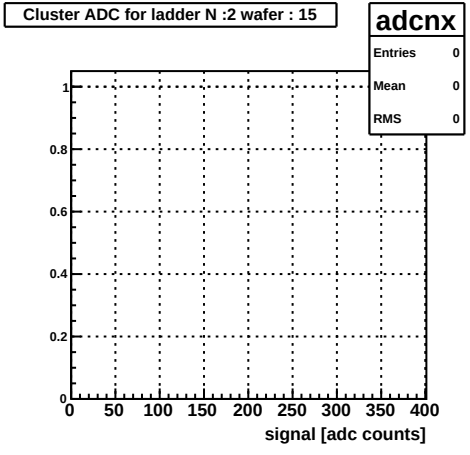

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

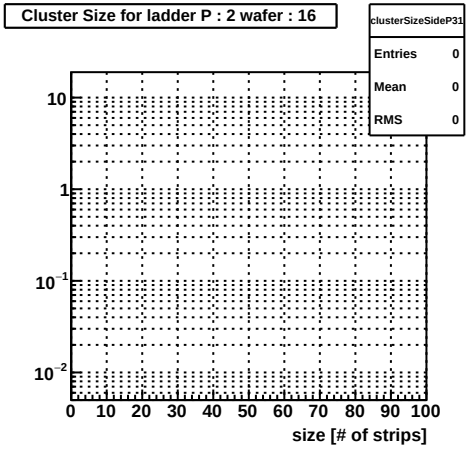

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

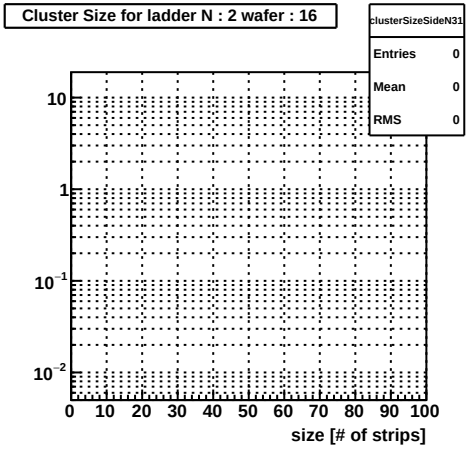

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

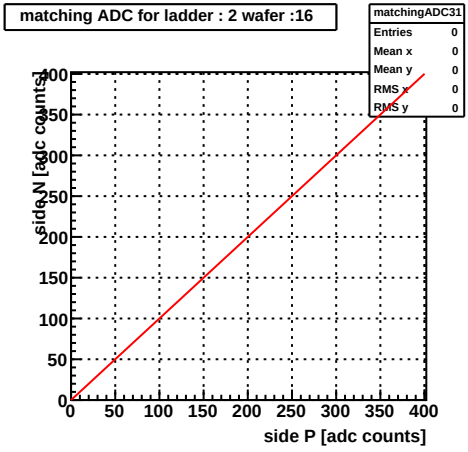

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

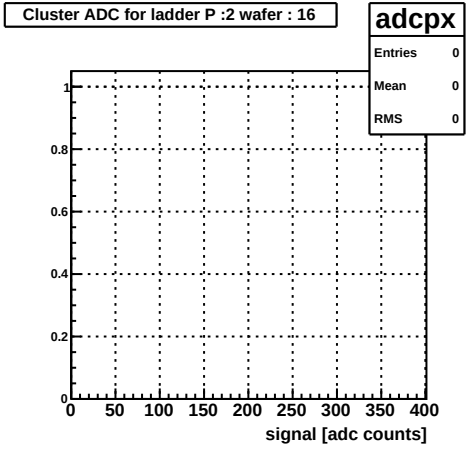

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

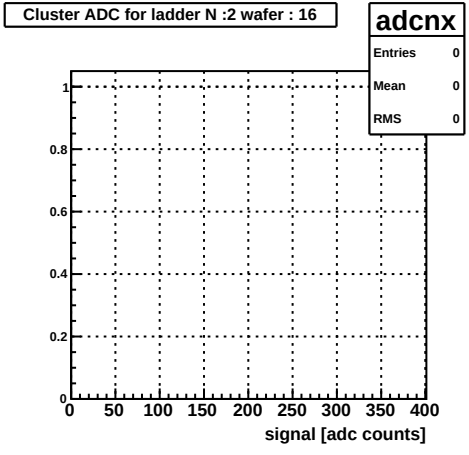

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

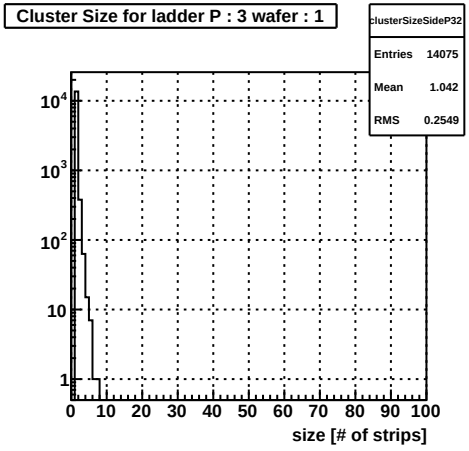

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

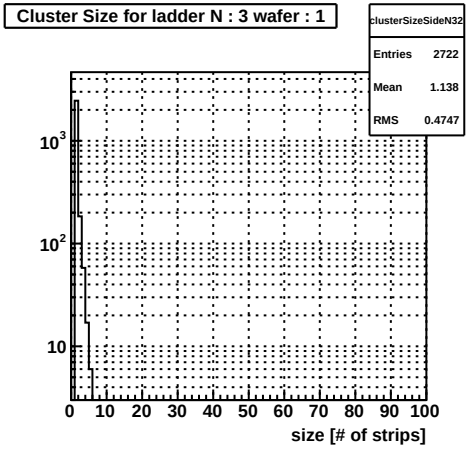

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

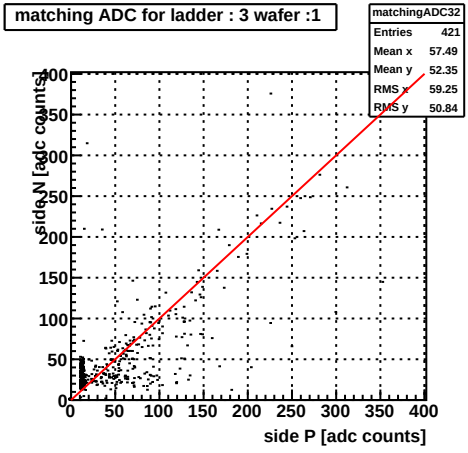

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

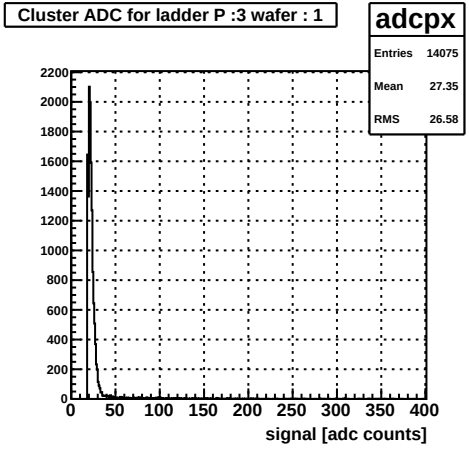

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

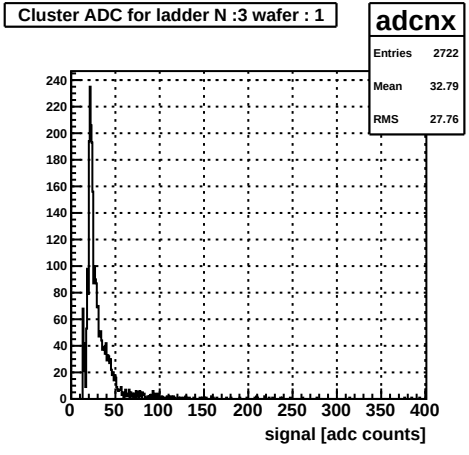

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

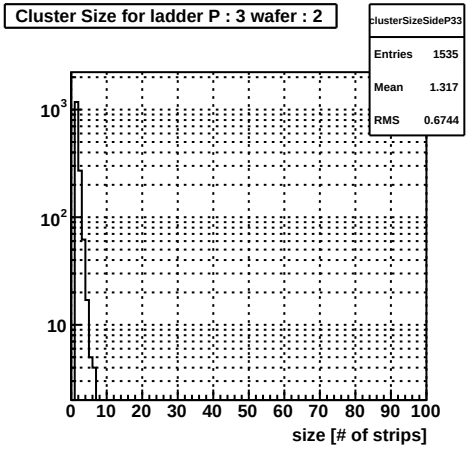

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14075
Mean 1.042
RMS 0.2549
size [# of strips]

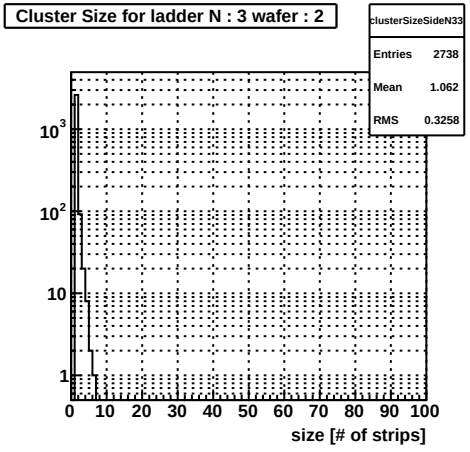

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2722
Mean 1.138
RMS 0.4747
size [# of strips]

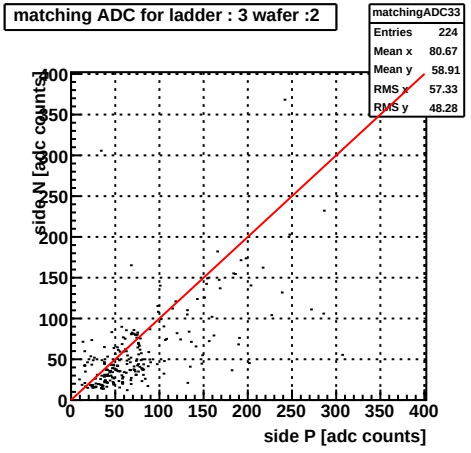

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 421
Mean x 57.49
Mean y 52.35
RMS x 59.25
RMS y 50.84
side N [adc counts]
side P [adc counts]

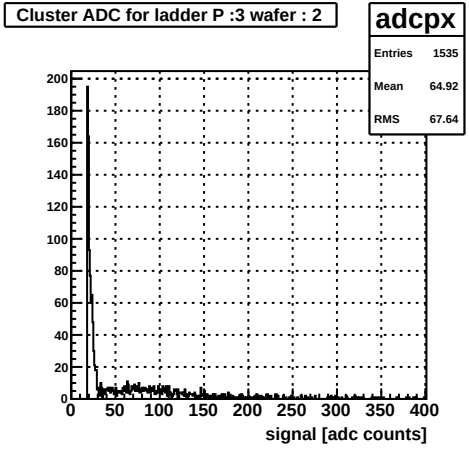

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14075
Mean 27.35
RMS 26.58
signal [adc counts]

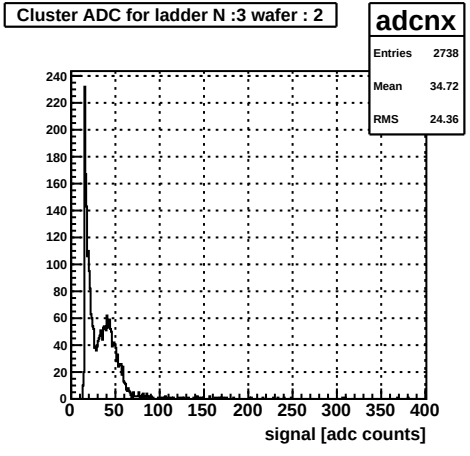

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2722
Mean 32.79
RMS 27.76
signal [adc counts]

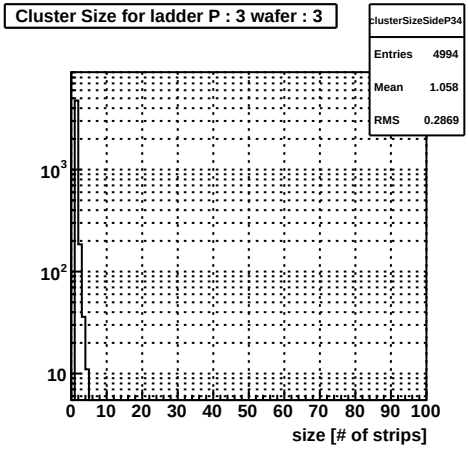

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1535
Mean 1.317
RMS 0.6744
size [# of strips]

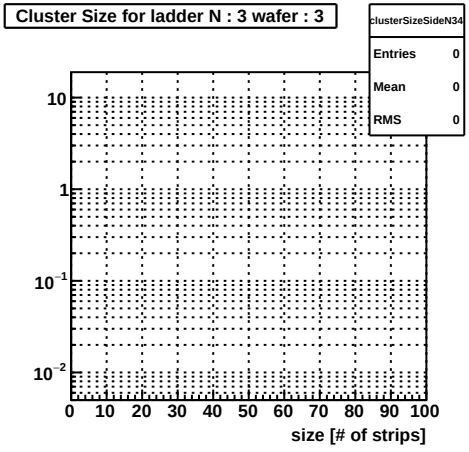

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2738
Mean 1.062
RMS 0.3258
size [# of strips]

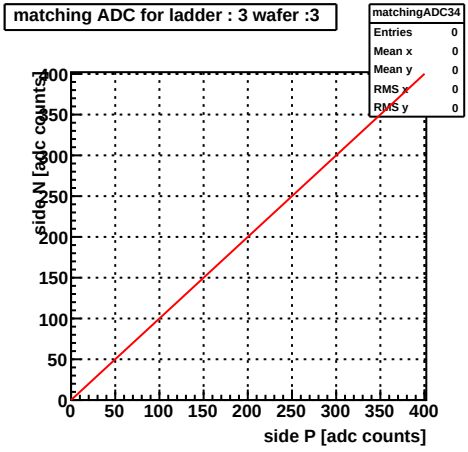

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 224
Mean x 80.67
Mean y 58.91
RMS x 57.33
RMS y 48.28
side N [adc counts]
side P [adc counts]

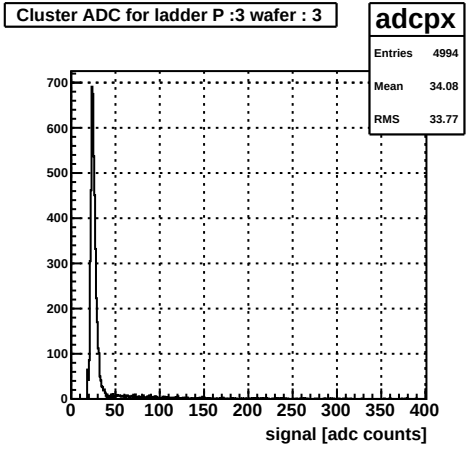

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1535
Mean 64.92
RMS 67.64
signal [adc counts]

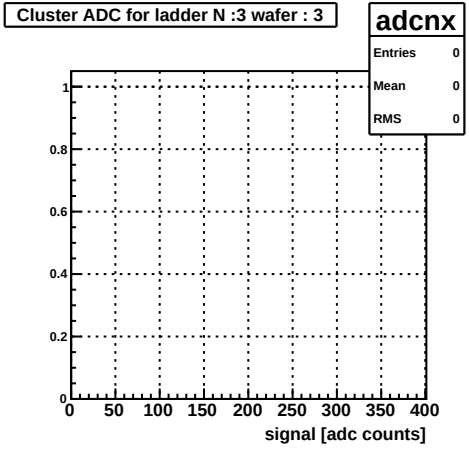

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2738
Mean 34.72
RMS 24.36
signal [adc counts]

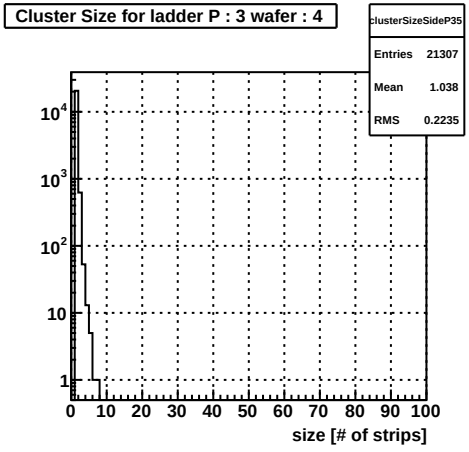

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4994
Mean 1.058
RMS 0.2869
size [# of strips]

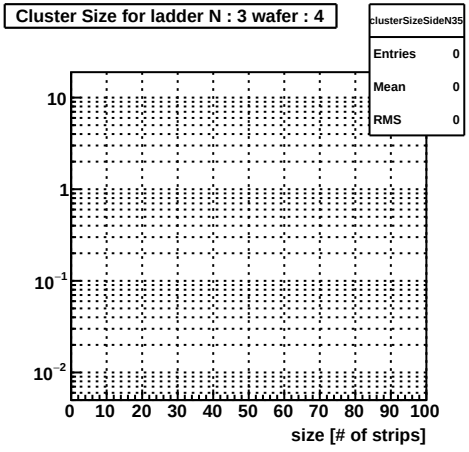

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

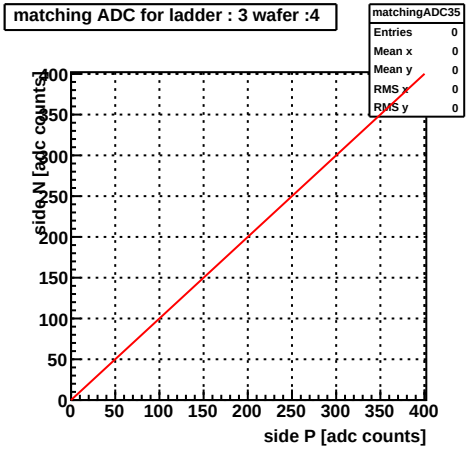

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

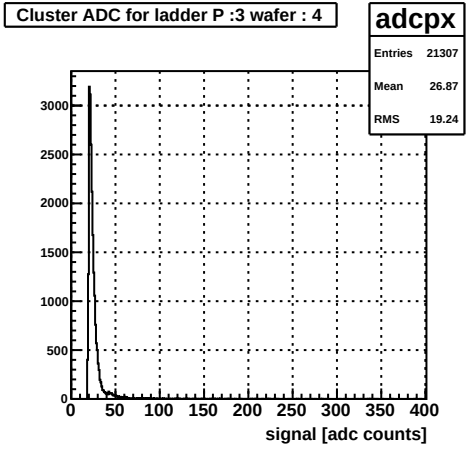

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4994
Mean 34.08
RMS 33.77
signal [adc counts]

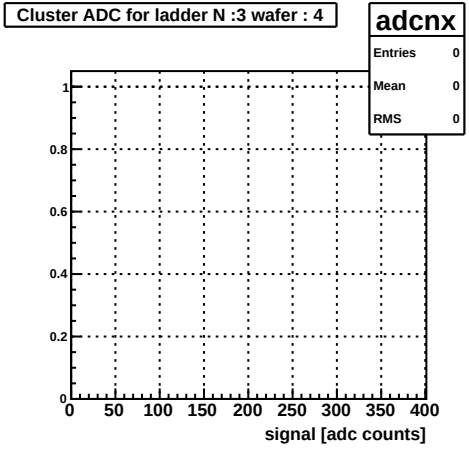

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

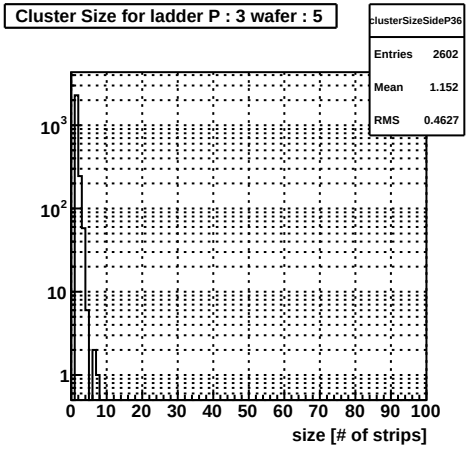

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 21307
Mean 1.038
RMS 0.2235
size [# of strips]

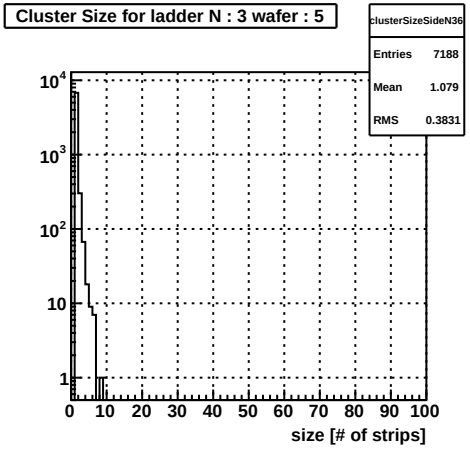

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

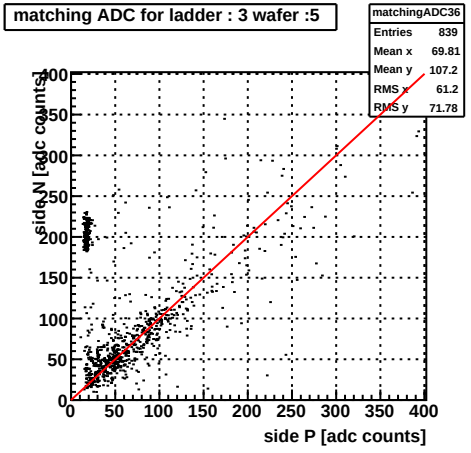

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

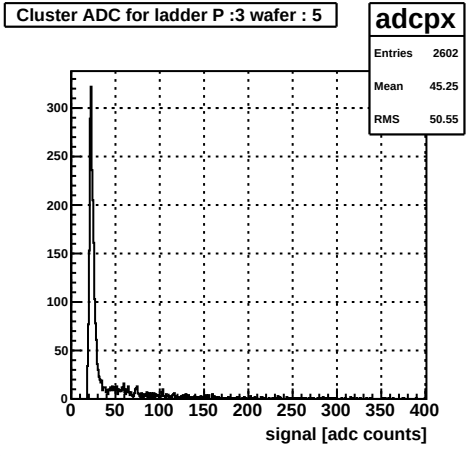

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 21307
Mean 26.87
RMS 19.24
signal [adc counts]

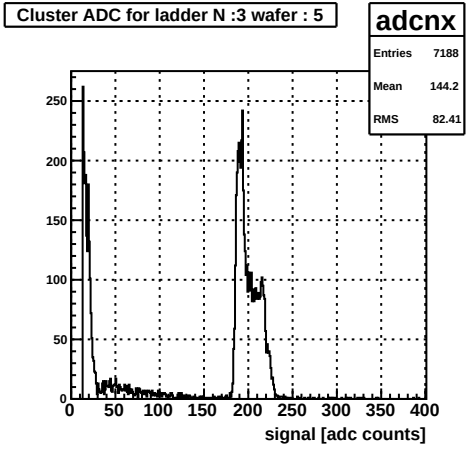

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

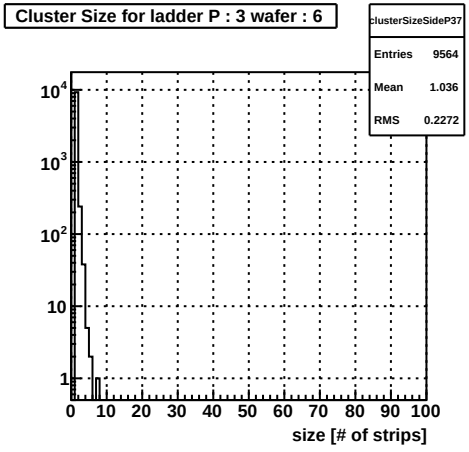

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2602
Mean 1.152
RMS 0.4627
size [# of strips]

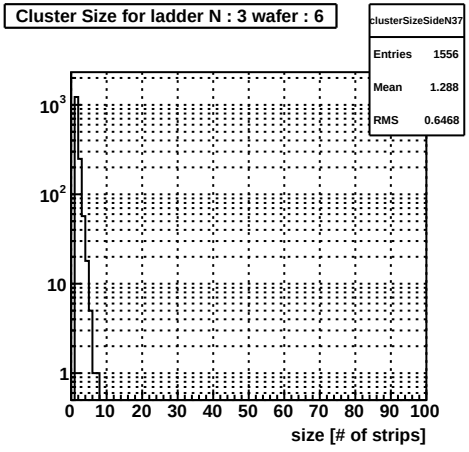

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 7188
Mean 1.079
RMS 0.3831
size [# of strips]

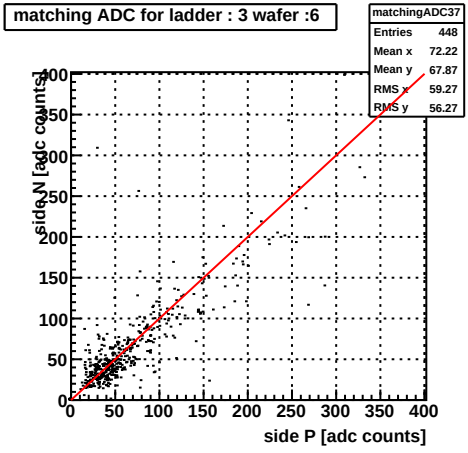

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 839
Mean x 69.81
Mean y 107.2
RMS x 61.2
RMS y 71.78
side N [adc counts]
side P [adc counts]

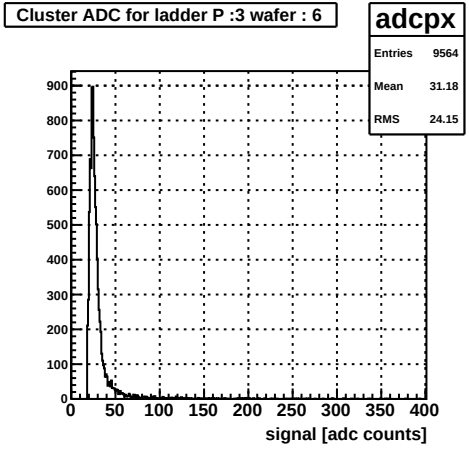

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2602
Mean 45.25
RMS 50.55
signal [adc counts]

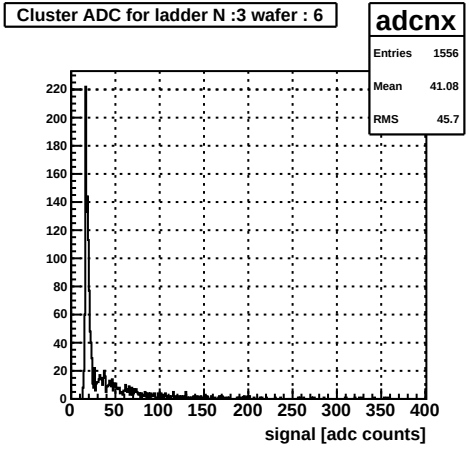

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 7188
Mean 144.2
RMS 82.41
signal [adc counts]

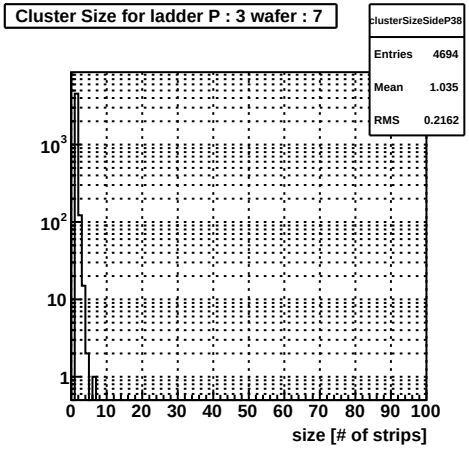

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9564
Mean 1.036
RMS 0.2272
size [# of strips]

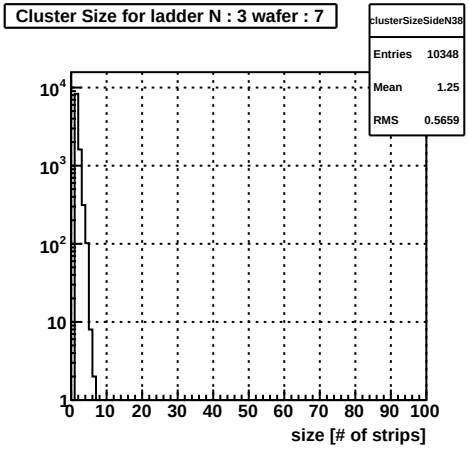

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1556
Mean 1.288
RMS 0.6468
size [# of strips]

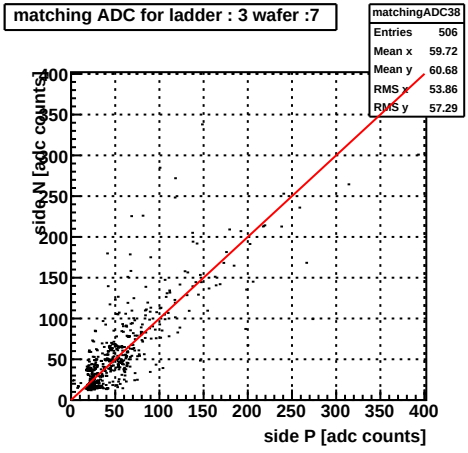

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 448
Mean x 72.22
Mean y 67.87
RMS x 59.27
RMS y 56.27
side N [adc counts]
side P [adc counts]

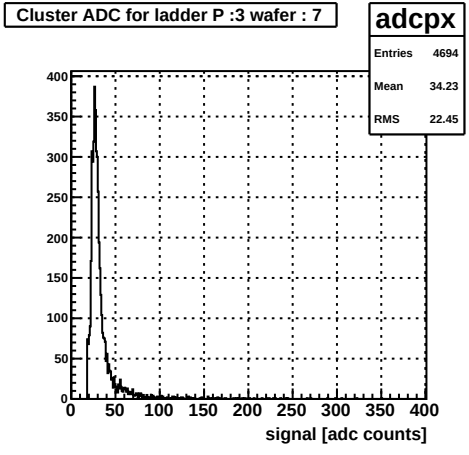

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9564
Mean 31.18
RMS 24.15
signal [adc counts]

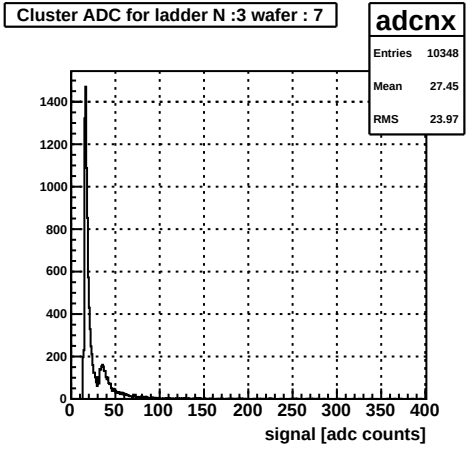

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1556
Mean 41.08
RMS 45.7
signal [adc counts]

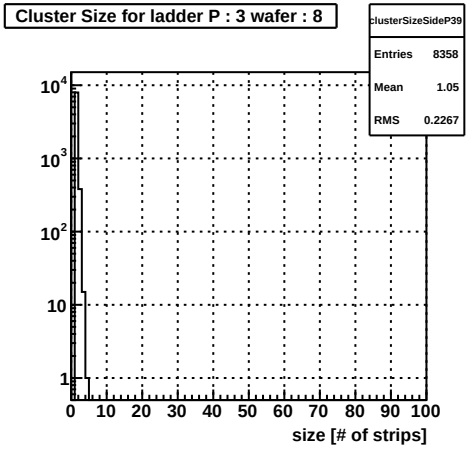

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4694
Mean 1.035
RMS 0.2162
size [# of strips]

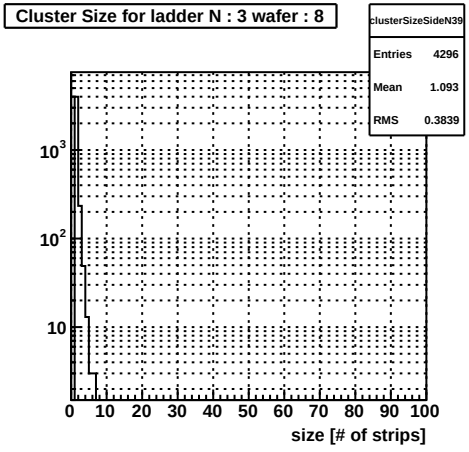

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 10348
Mean 1.25
RMS 0.5659
size [# of strips]

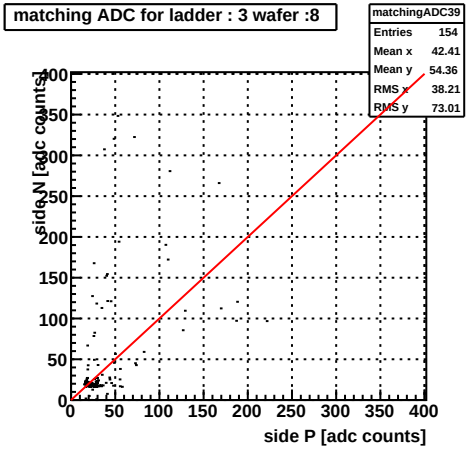

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 506
Mean x 59.72
Mean y 60.68
RMS x 53.86
RMS y 57.29
side N [adc counts]
side P [adc counts]

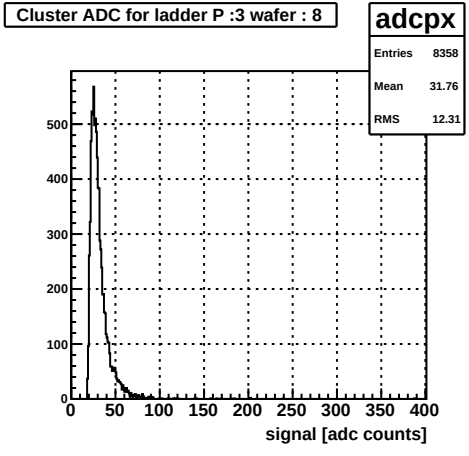

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4694
Mean 34.23
RMS 22.45
signal [adc counts]

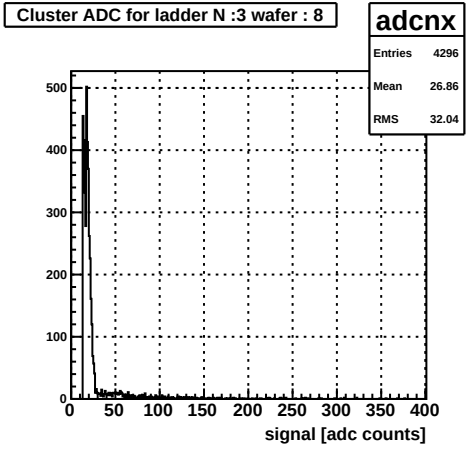

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 10348
Mean 27.45
RMS 23.97
signal [adc counts]

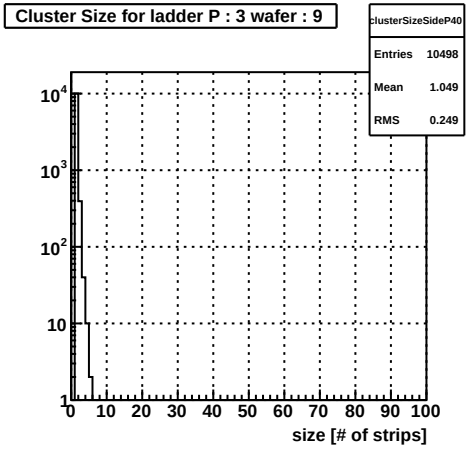

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8358
Mean 1.05
RMS 0.2267
size [# of strips]

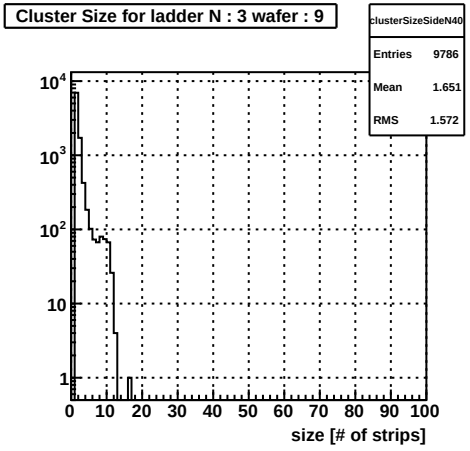

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 4296
Mean 1.093
RMS 0.3839
size [# of strips]

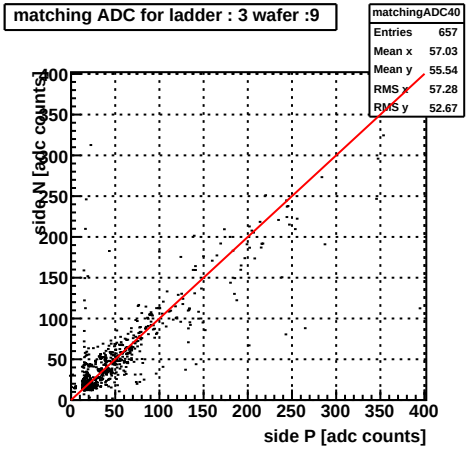

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 154
Mean x 42.41
Mean y 54.36
RMS x 38.21
RMS y 73.01
side N [adc counts]
side P [adc counts]

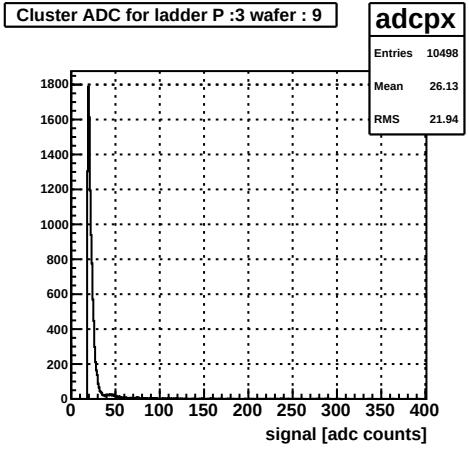

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8358
Mean 31.76
RMS 12.31
signal [adc counts]

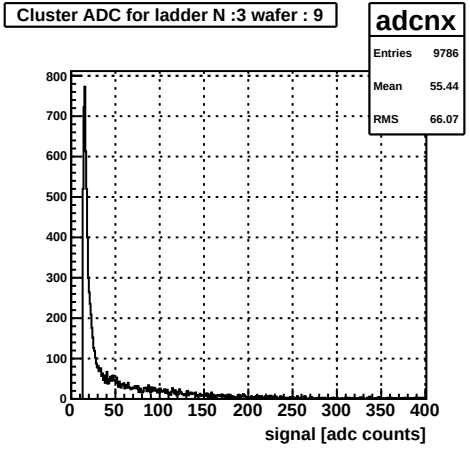

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 4296
Mean 26.86
RMS 32.04
signal [adc counts]

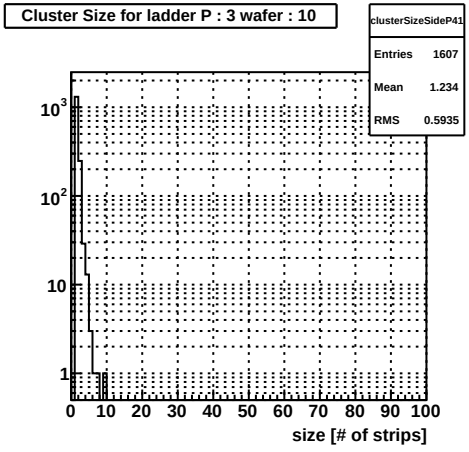

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10498
Mean 1.049
RMS 0.249
size [# of strips]

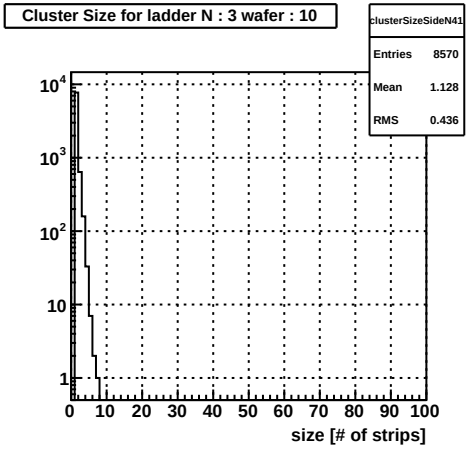

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9786
Mean 1.651
RMS 1.572
size [# of strips]

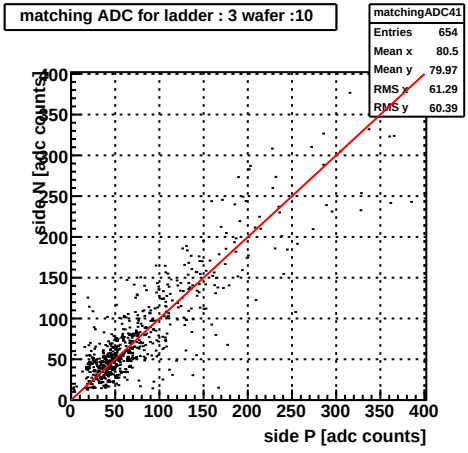

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 657
Mean x 57.03
Mean y 55.54
RMS x 57.28
RMS y 52.67
side N [adc counts]
side P [adc counts]

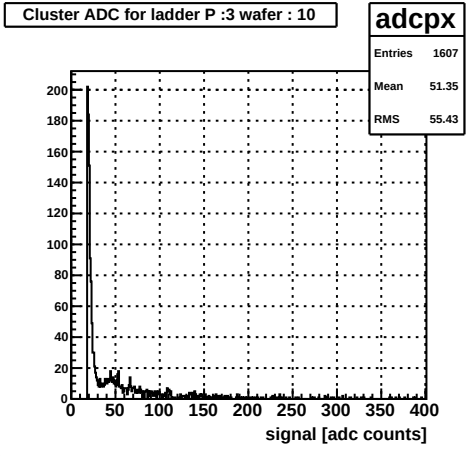

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10498
Mean 26.13
RMS 21.94
signal [adc counts]

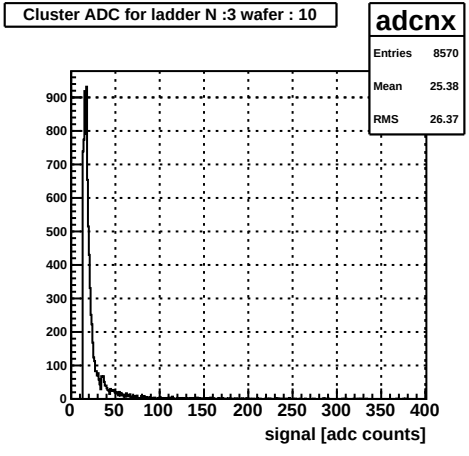

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9786
Mean 55.44
RMS 66.07
signal [adc counts]

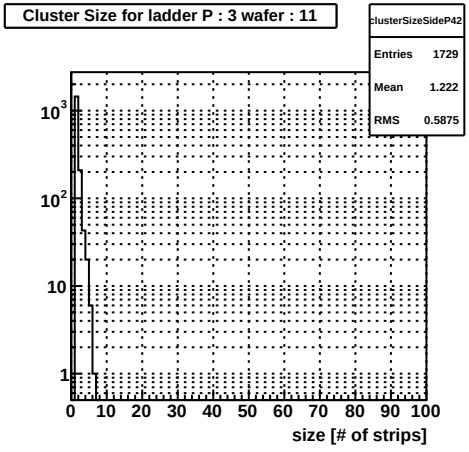

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1607
Mean 1.234
RMS 0.5935
size [# of strips]

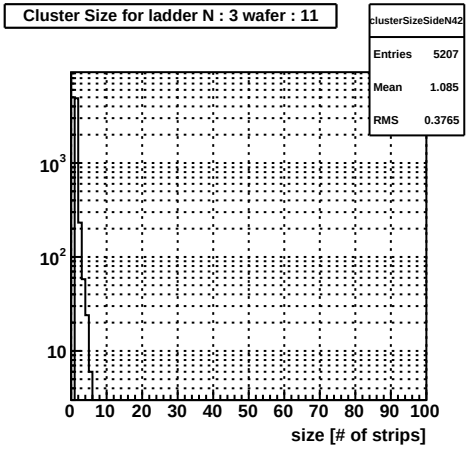

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8570
Mean 1.128
RMS 0.436
size [# of strips]

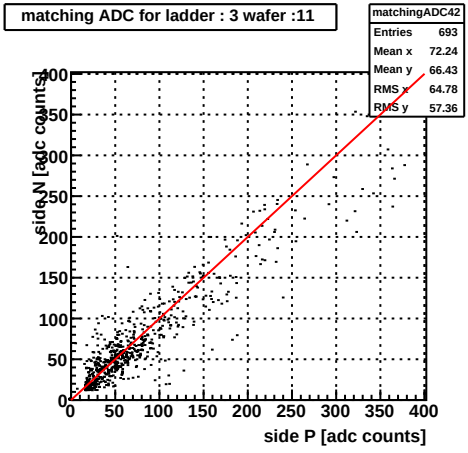

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 654
Mean x 80.5
Mean y 79.97
RMS x 61.29
RMS y 60.39
side N [adc counts]
side P [adc counts]

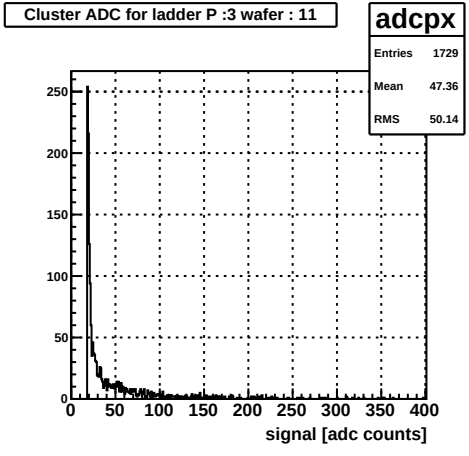

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1607
Mean 51.35
RMS 55.43
signal [adc counts]

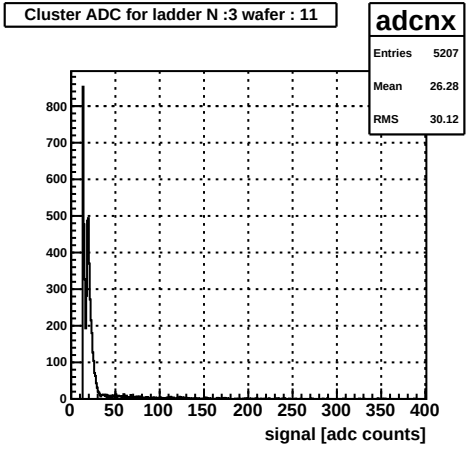

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8570
Mean 25.38
RMS 26.37
signal [adc counts]

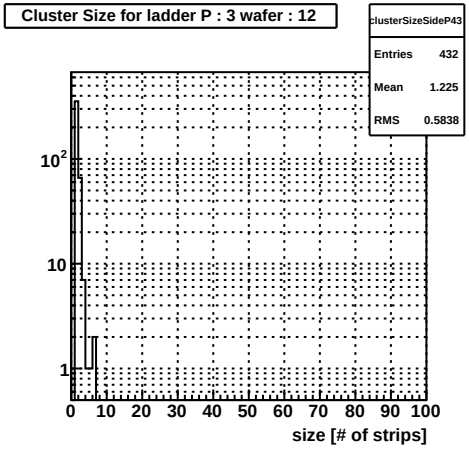

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1729
Mean 1.222
RMS 0.5875
size [# of strips]

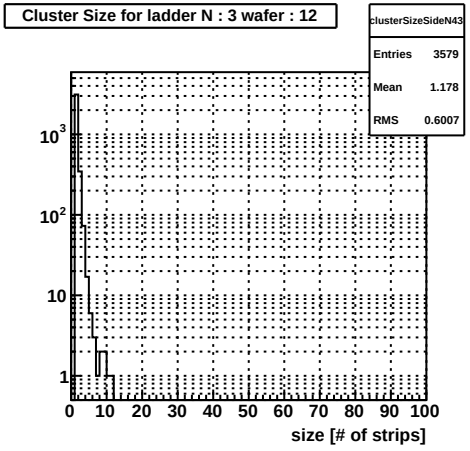

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 5207
Mean 1.085
RMS 0.3765
size [# of strips]

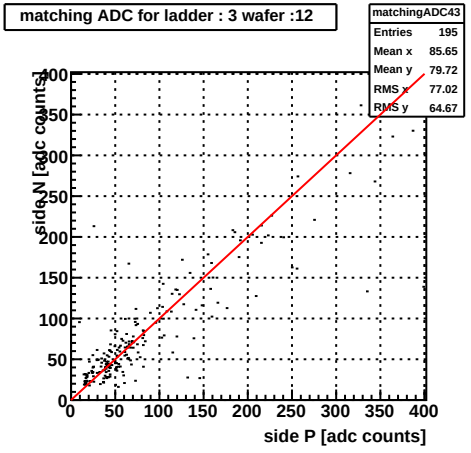

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 693
Mean x 72.24
Mean y 66.43
RMS x 64.78
RMS y 57.36
side N [adc counts]
side P [adc counts]

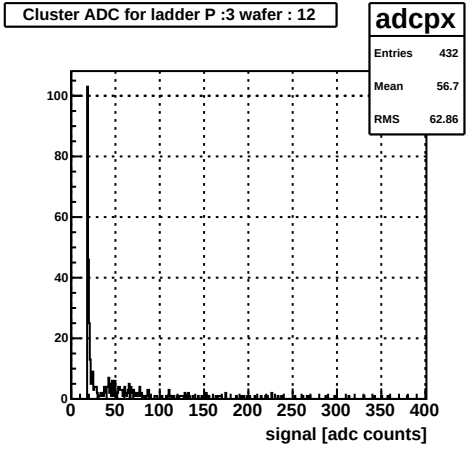

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1729
Mean 47.36
RMS 50.14
signal [adc counts]

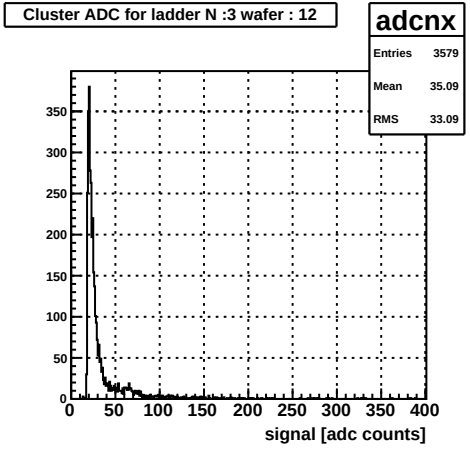

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 5207
Mean 26.28
RMS 30.12
signal [adc counts]

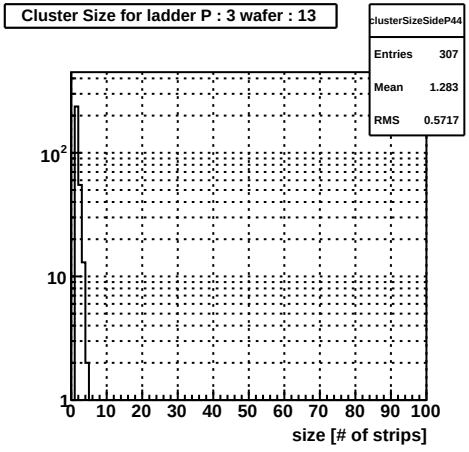

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 432
Mean 1.225
RMS 0.5838
size [# of strips]

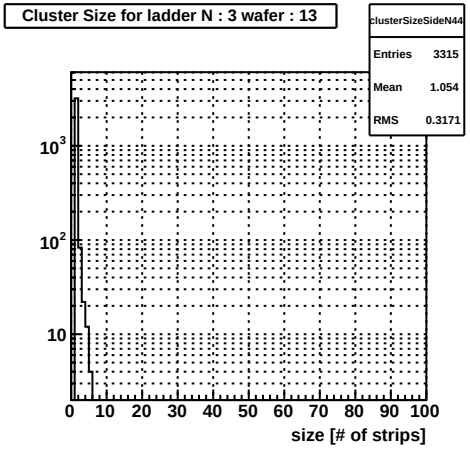

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3579
Mean 1.178
RMS 0.6007
size [# of strips]

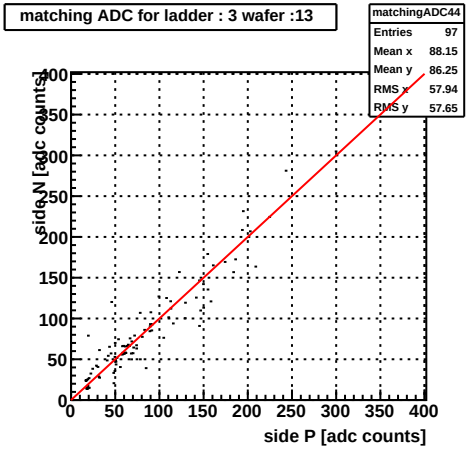

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 195
Mean x 85.65
Mean y 79.72
RMS x 77.02
RMS y 64.67
side N [adc counts]
side P [adc counts]

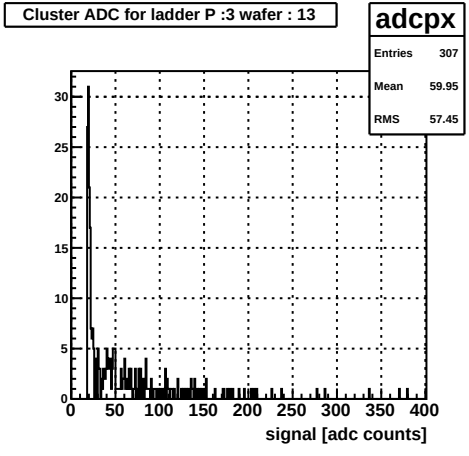

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 432
Mean 56.7
RMS 62.86
signal [adc counts]

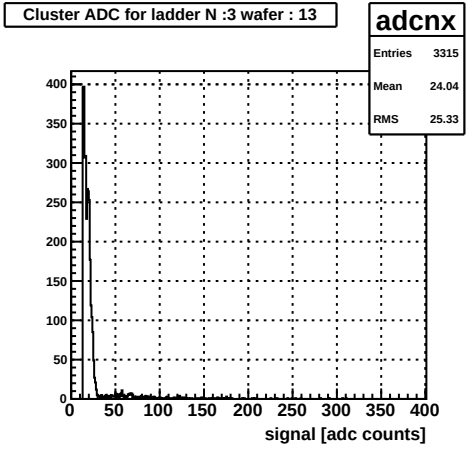

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3579
Mean 35.09
RMS 33.09
signal [adc counts]

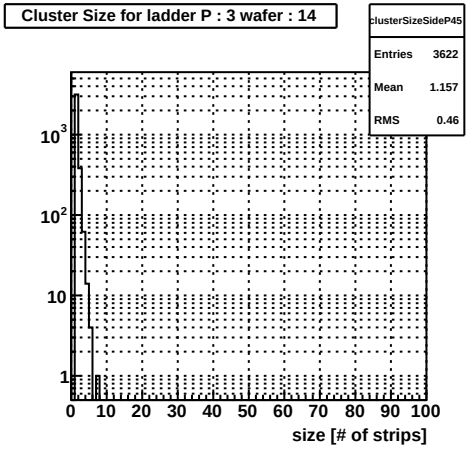

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 307
Mean 1.283
RMS 0.5717
size [# of strips]

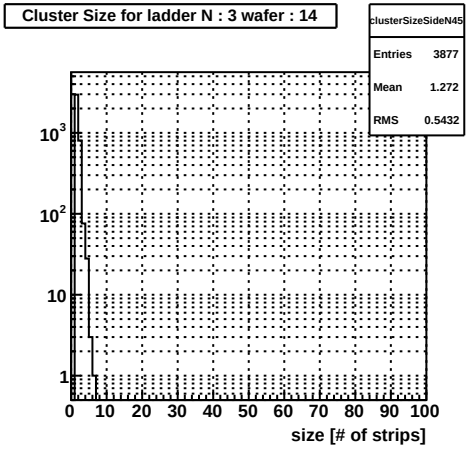

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3315
Mean 1.054
RMS 0.3171
size [# of strips]

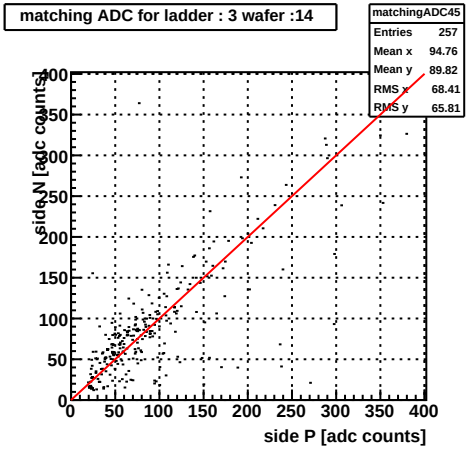

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 97
Mean x 88.15
Mean y 86.25
RMS x 57.94
RMS y 57.65
side N [adc counts]
side P [adc counts]

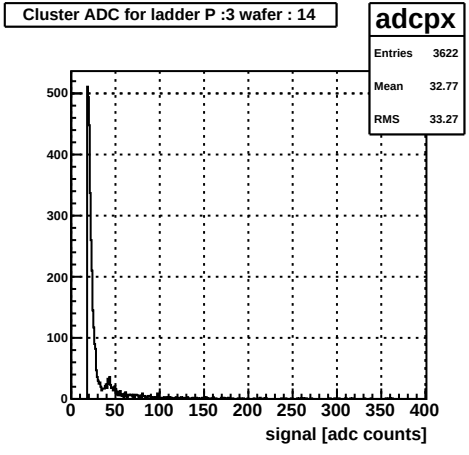

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 307
Mean 59.95
RMS 57.45
signal [adc counts]

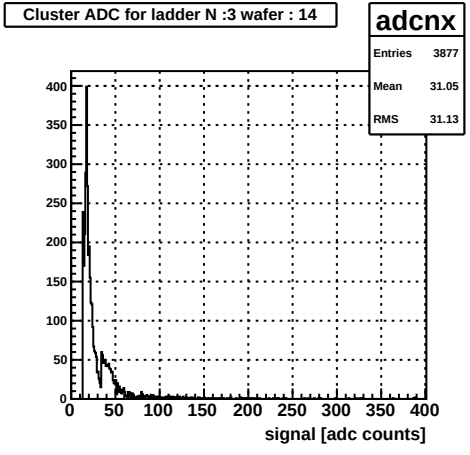

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3315
Mean 24.04
RMS 25.33
signal [adc counts]

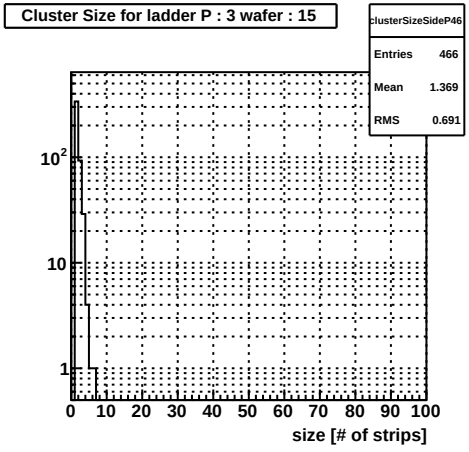

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3622
Mean 1.157
RMS 0.46
size [# of strips]

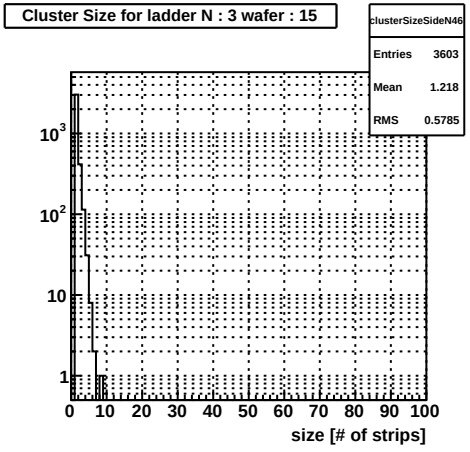

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3877
Mean 1.272
RMS 0.5432
size [# of strips]

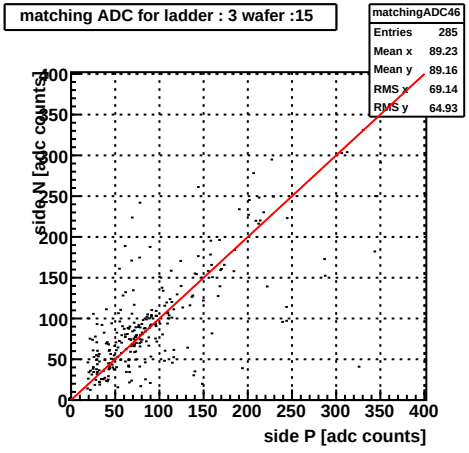

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 257
Mean x 94.76
Mean y 89.82
RMS x 68.41
RMS y 65.81
side N [adc counts]
side P [adc counts]

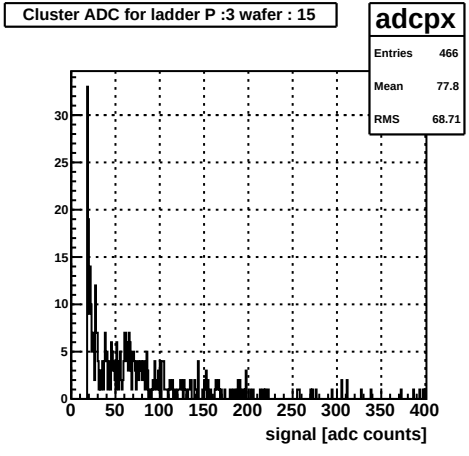

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3622
Mean 32.77
RMS 33.27
signal [adc counts]

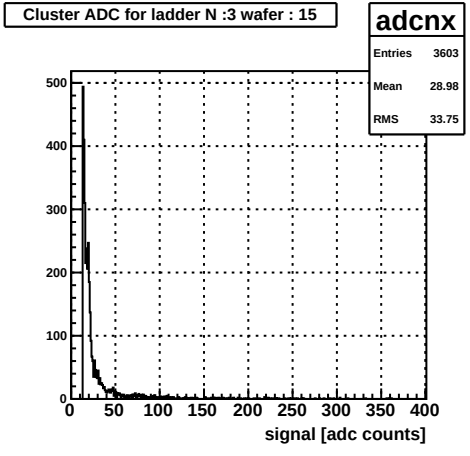

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3877
Mean 31.05
RMS 31.13
signal [adc counts]

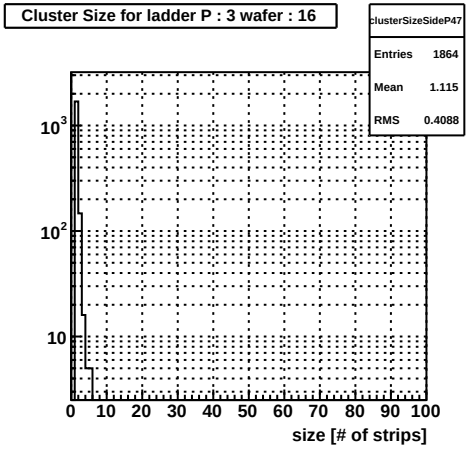

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 466
Mean 1.369
RMS 0.691
size [# of strips]

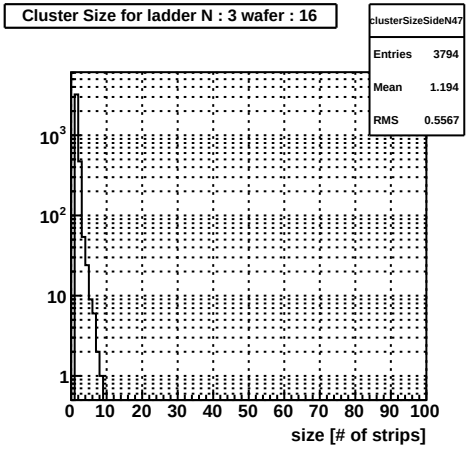

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3603
Mean 1.218
RMS 0.5785
size [# of strips]

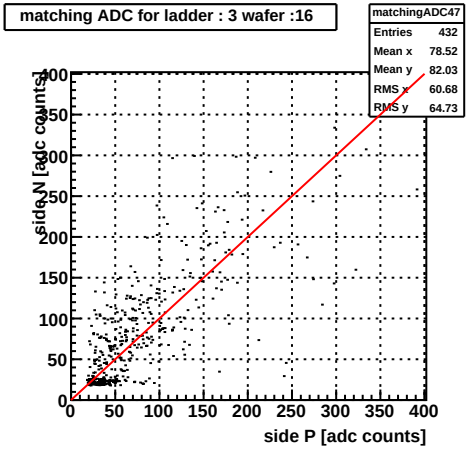

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 285
Mean x 89.23
Mean y 89.16
RMS x 69.14
RMS y 64.93
side N [adc counts]
side P [adc counts]

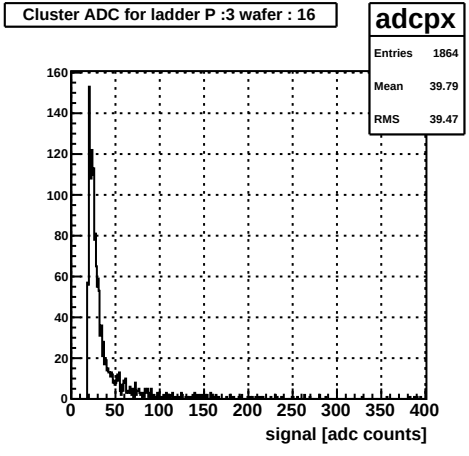

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 466
Mean 77.8
RMS 68.71
signal [adc counts]

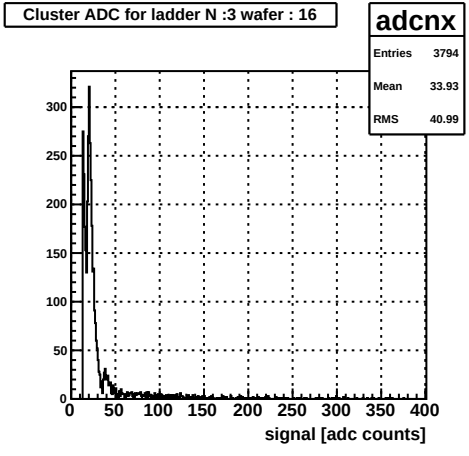

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3603
Mean 28.98
RMS 33.75
signal [adc counts]

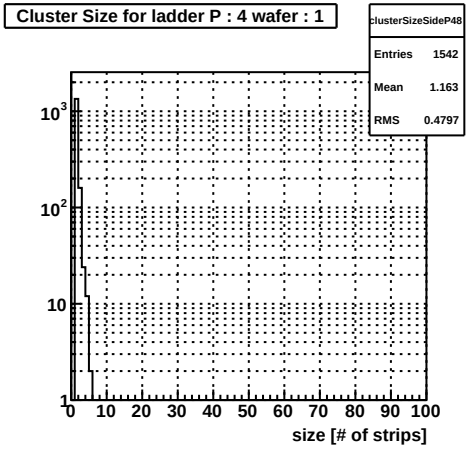

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1864
Mean 1.115
RMS 0.4088
size [# of strips]

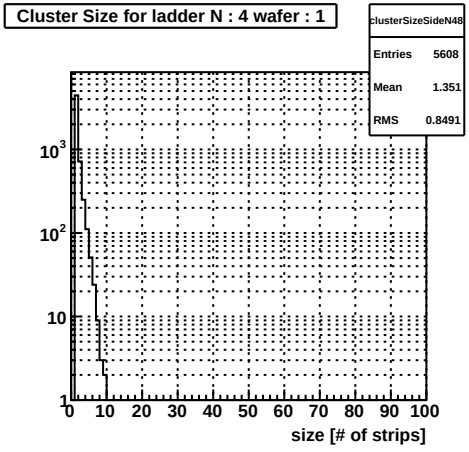

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3794
Mean 1.194
RMS 0.5567
size [# of strips]

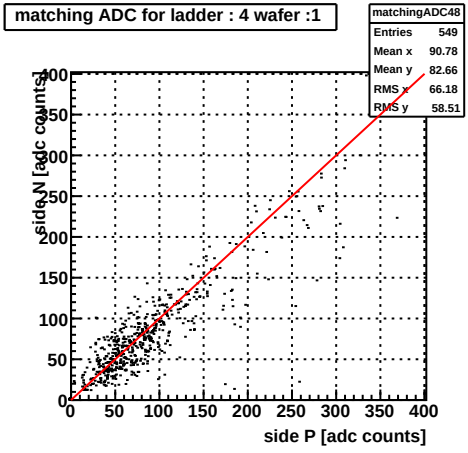

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 432
Mean x 78.52
Mean y 82.03
RMS x 60.68
RMS y 64.73
side N [adc counts]
side P [adc counts]

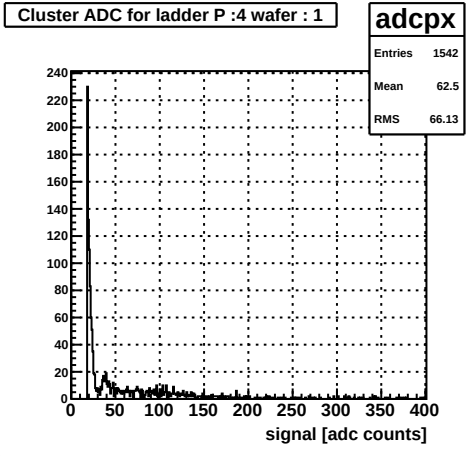

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1864
Mean 39.79
RMS 39.47
signal [adc counts]

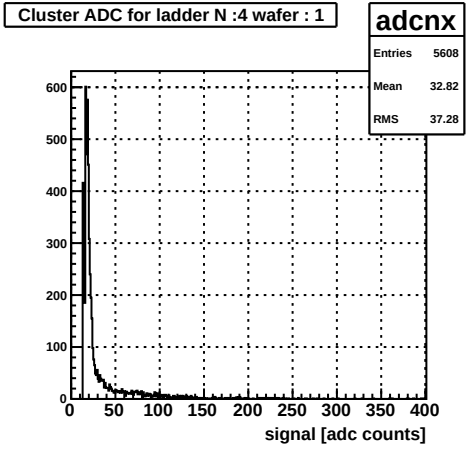

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3794
Mean 33.93
RMS 40.99
signal [adc counts]

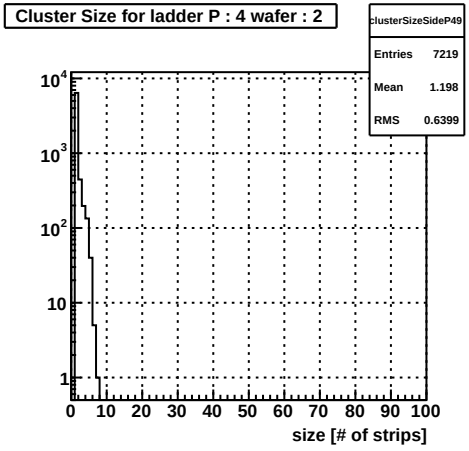

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1542
Mean 1.163
RMS 0.4797
size [# of strips]

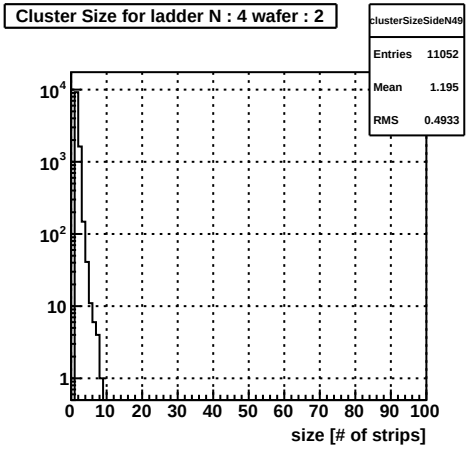

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5608
Mean 1.351
RMS 0.8491
size [# of strips]

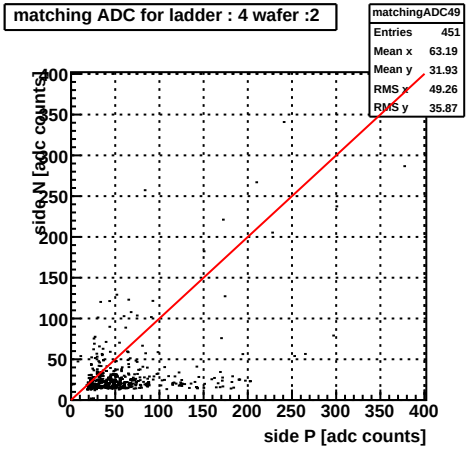

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 549
Mean x 90.78
Mean y 82.66
RMS x 66.18
RMS y 58.51
side N [adc counts]
side P [adc counts]

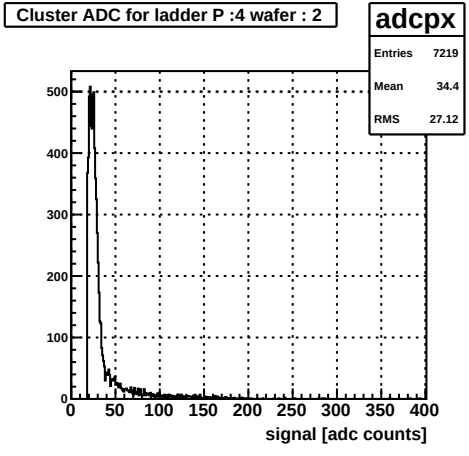

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1542
Mean 62.5
RMS 66.13
signal [adc counts]

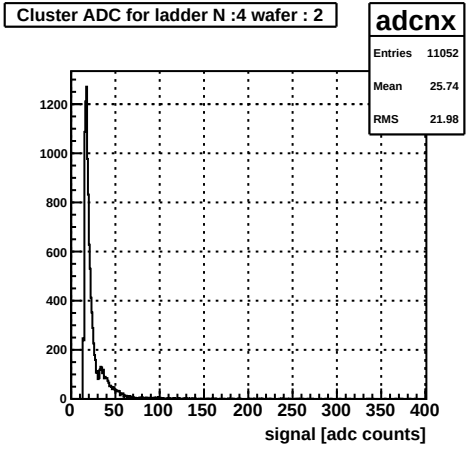

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5608
Mean 32.82
RMS 37.28
signal [adc counts]

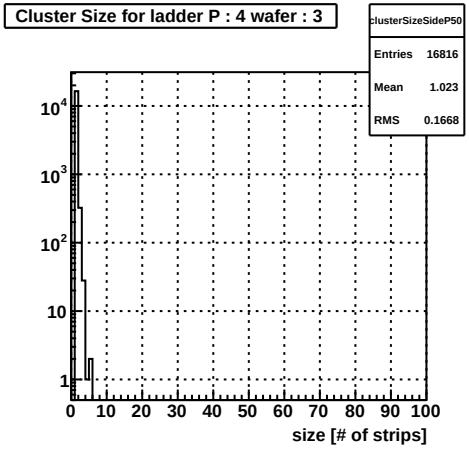

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7219
Mean 1.198
RMS 0.6399
size [# of strips]

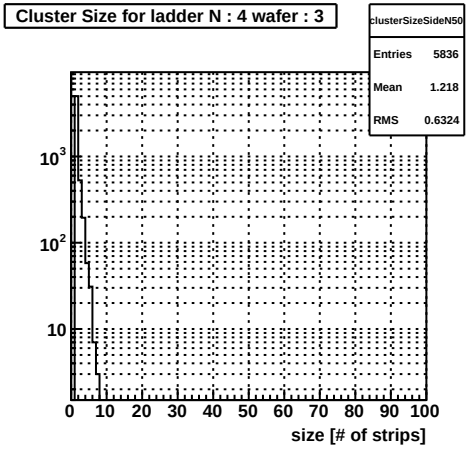

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 11052
Mean 1.195
RMS 0.4933
size [# of strips]

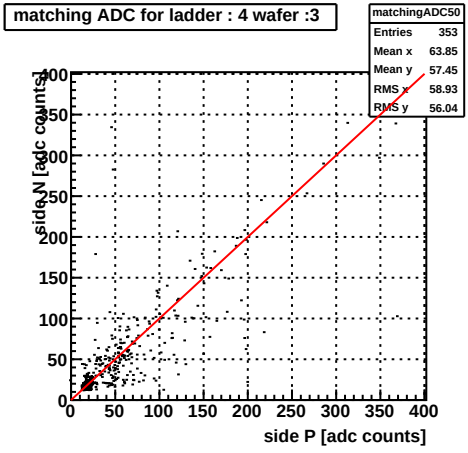

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 451
Mean x 63.19
Mean y 31.93
RMS x 49.26
RMS y 35.87
side N [adc counts]
side P [adc counts]

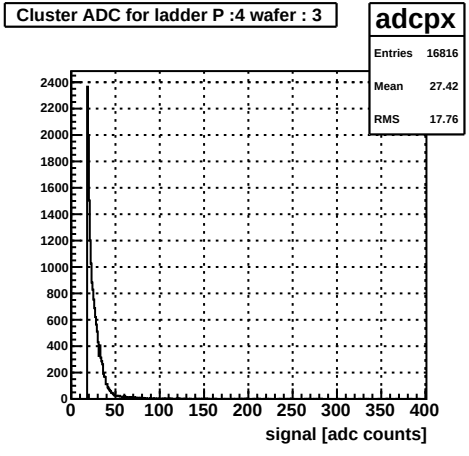

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7219
Mean 34.4
RMS 27.12
signal [adc counts]

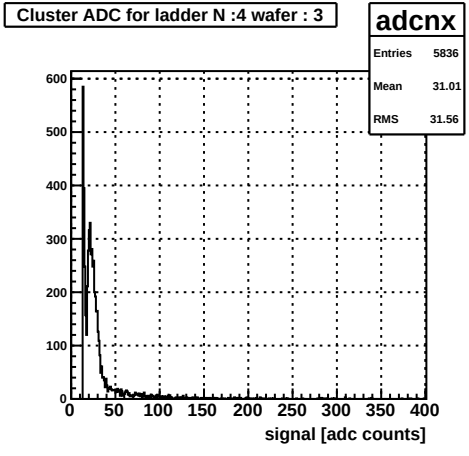

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 11052
Mean 25.74
RMS 21.98
signal [adc counts]

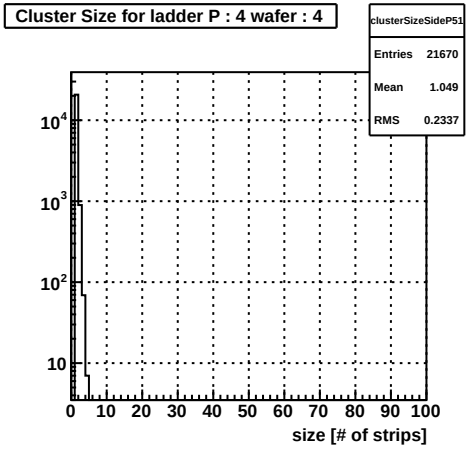

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 16816
Mean 1.023
RMS 0.1668
size [# of strips]

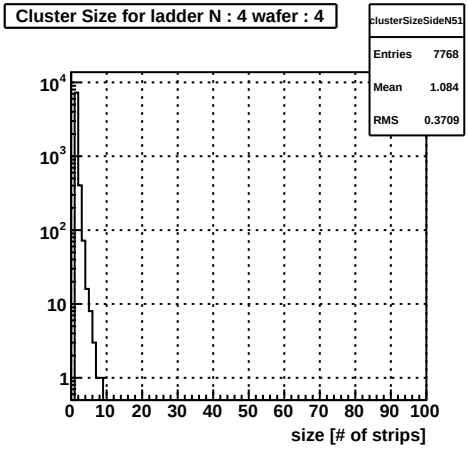

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5836
Mean 1.218
RMS 0.6324
size [# of strips]

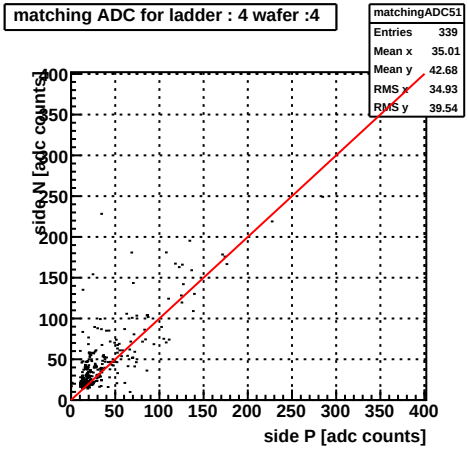

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 353
Mean x 63.85
Mean y 57.45
RMS x 58.93
RMS y 56.04
side N [adc counts]
side P [adc counts]

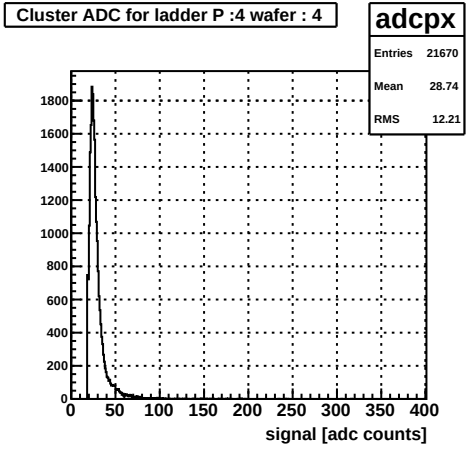

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 16816
Mean 27.42
RMS 17.76
signal [adc counts]

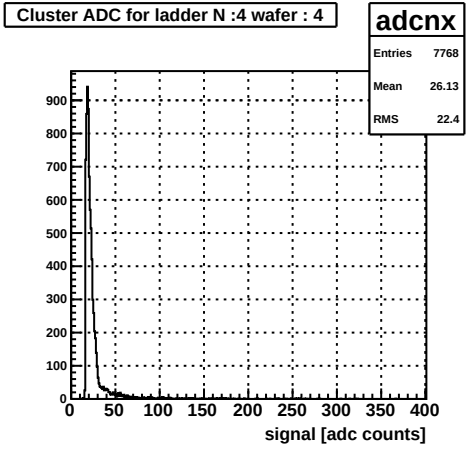

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5836
Mean 31.01
RMS 31.56
signal [adc counts]

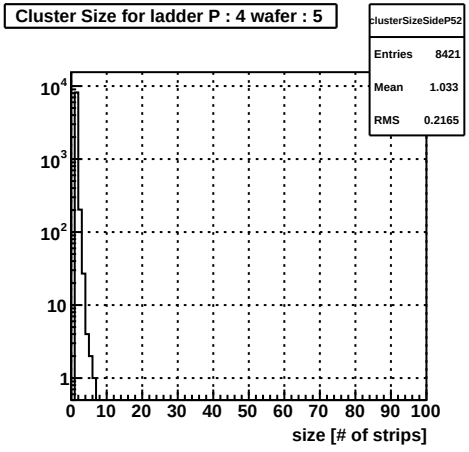

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21670
Mean 1.049
RMS 0.2337
size [# of strips]

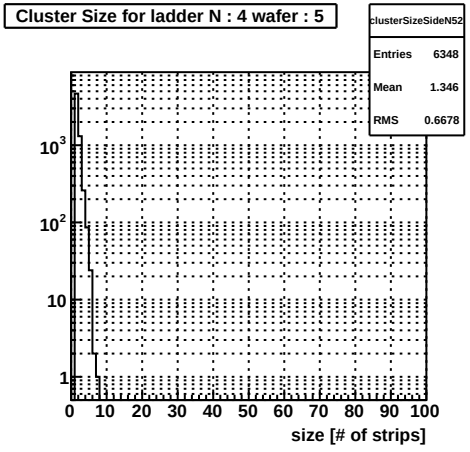

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7768
Mean 1.084
RMS 0.3709
size [# of strips]

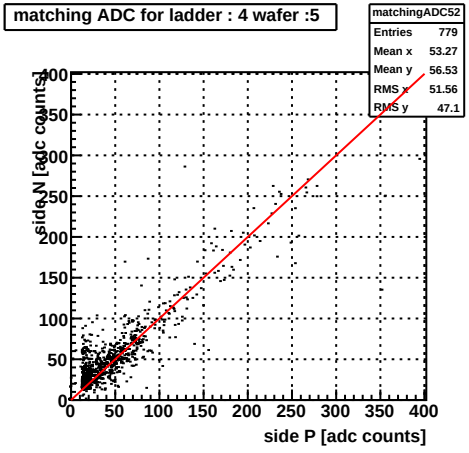

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 339
Mean x 35.01
Mean y 42.68
RMS x 34.93
RMS y 39.54
side N [adc counts]
side P [adc counts]

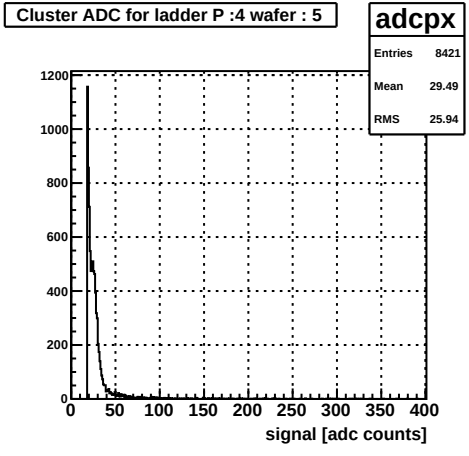

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21670
Mean 28.74
RMS 12.21
signal [adc counts]

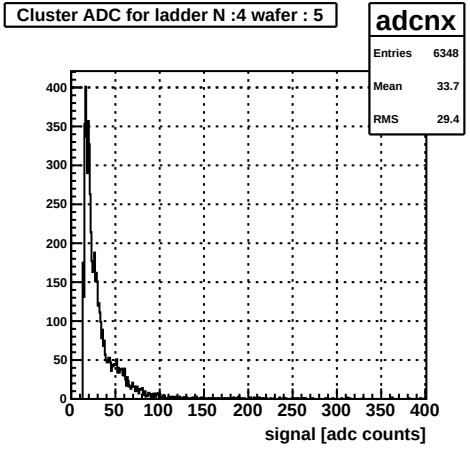

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7768
Mean 26.13
RMS 22.4
signal [adc counts]

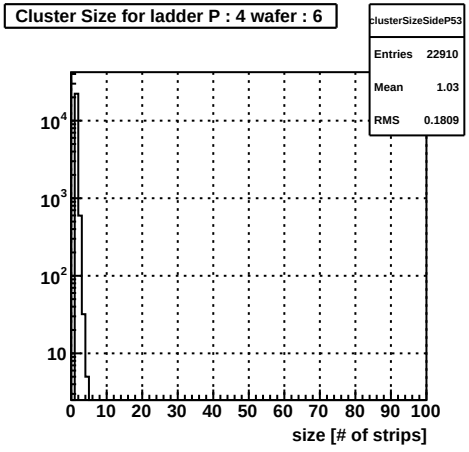

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 8421
Mean 1.033
RMS 0.2165
size [# of strips]

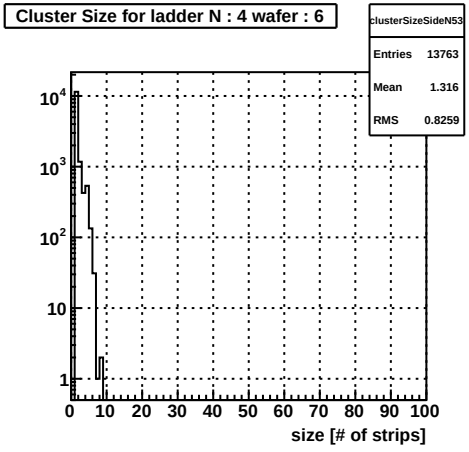

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 6348
Mean 1.346
RMS 0.6678
size [# of strips]

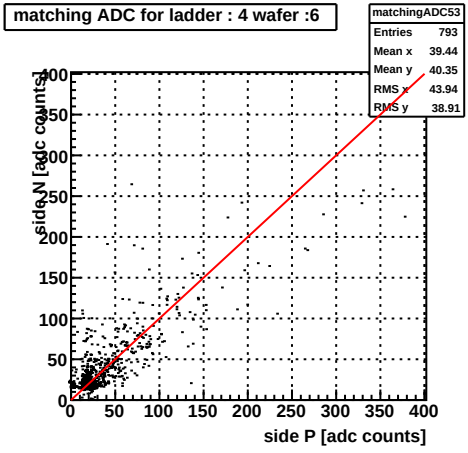

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 779
Mean x 53.27
Mean y 56.53
RMS x 51.56
RMS y 47.1
side N [adc counts]
side P [adc counts]

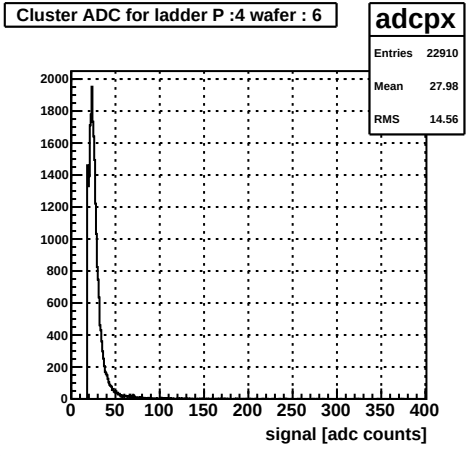

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 8421
Mean 29.49
RMS 25.94
signal [adc counts]

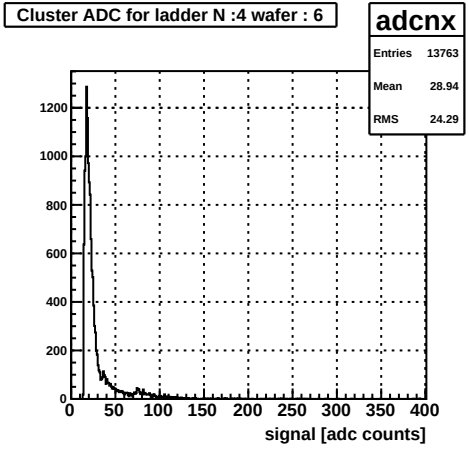

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 6348
Mean 33.7
RMS 29.4
signal [adc counts]

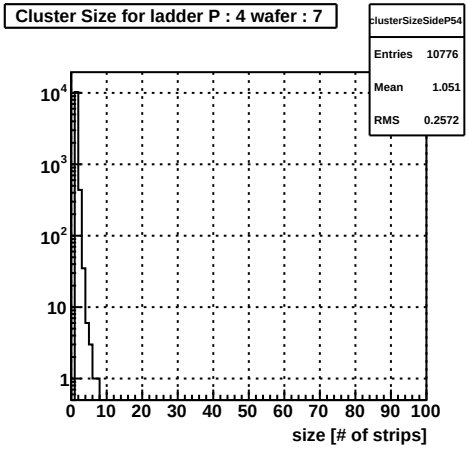

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 22910
Mean 1.03
RMS 0.1809
size [# of strips]

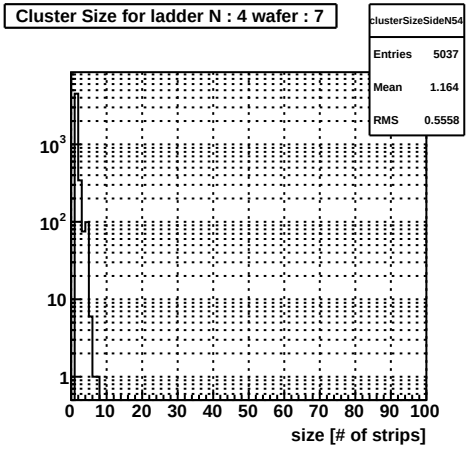

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13763
Mean 1.316
RMS 0.8259
size [# of strips]

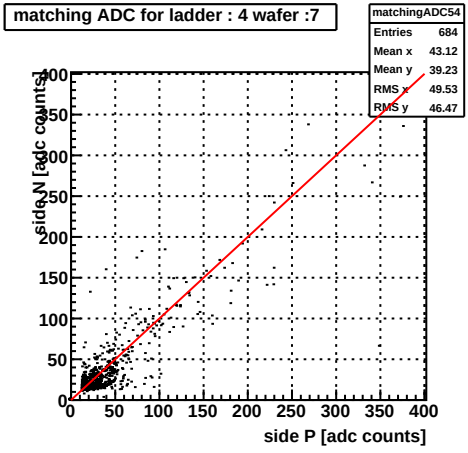

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 793
Mean x 39.44
Mean y 40.35
RMS x 43.94
RMS y 38.91
side N [adc counts]
side P [adc counts]

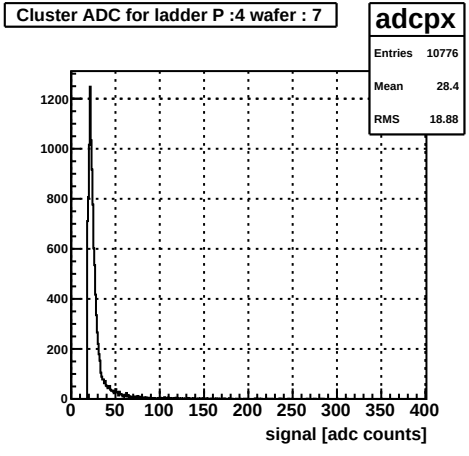

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 22910
Mean 27.98
RMS 14.56
signal [adc counts]

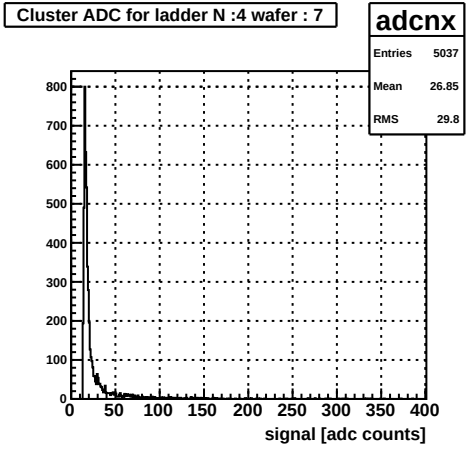

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13763
Mean 28.94
RMS 24.29
signal [adc counts]

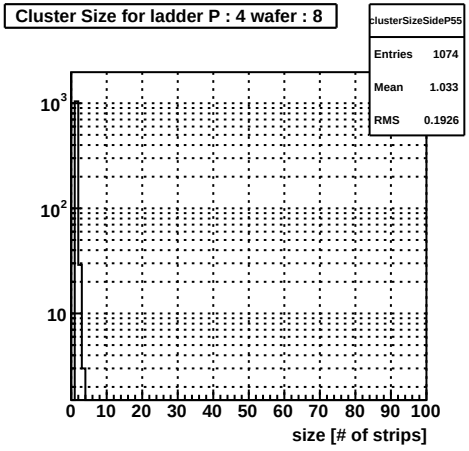

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 10776
Mean 1.051
RMS 0.2572
size [# of strips]

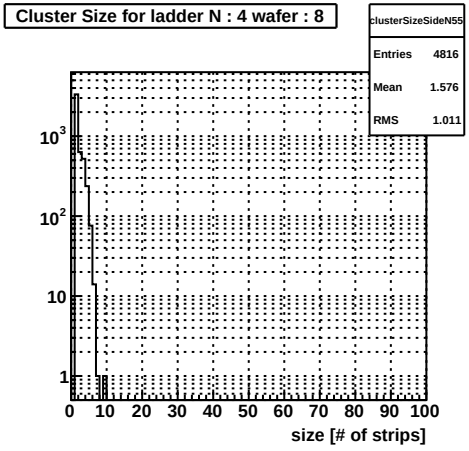

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 5037
Mean 1.164
RMS 0.5558
size [# of strips]

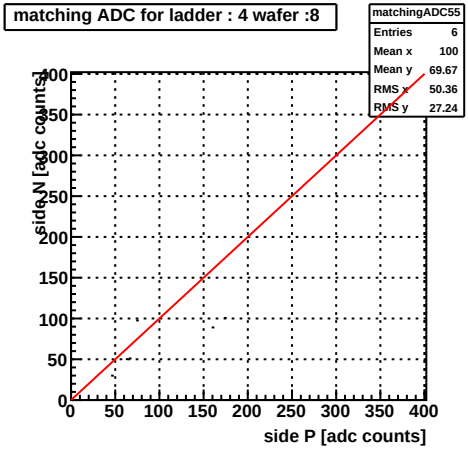

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 684
Mean x 43.12
Mean y 39.23
RMS x 49.53
RMS y 46.47
side N [adc counts]
side P [adc counts]

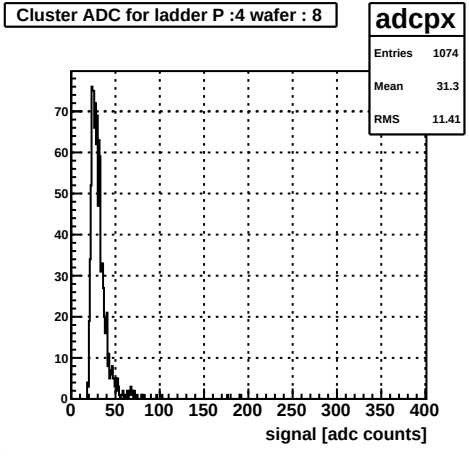

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 10776
Mean 28.4
RMS 18.88
signal [adc counts]

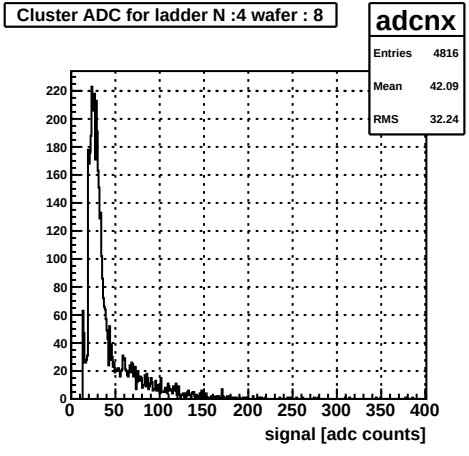

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 5037
Mean 26.85
RMS 29.8
signal [adc counts]

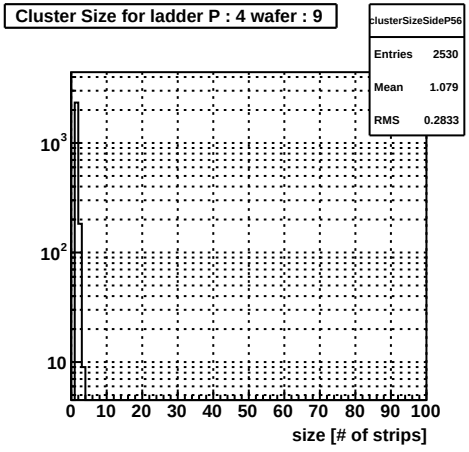

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1074
Mean 1.033
RMS 0.1926
size [# of strips]

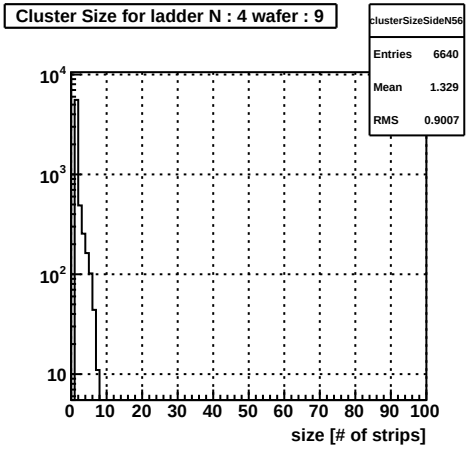

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4816
Mean 1.576
RMS 1.011
size [# of strips]

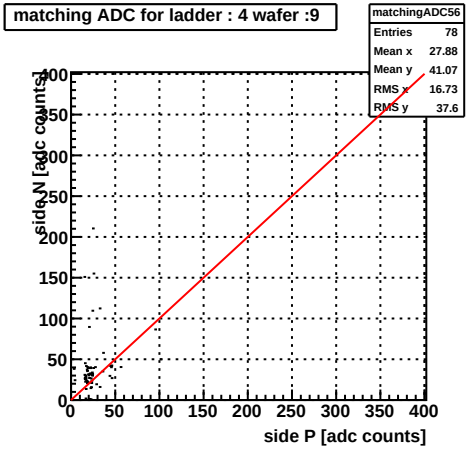

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 6
Mean x 100
Mean y 69.67
RMS x 50.36
RMS y 27.24
side N [adc counts]
side P [adc counts]

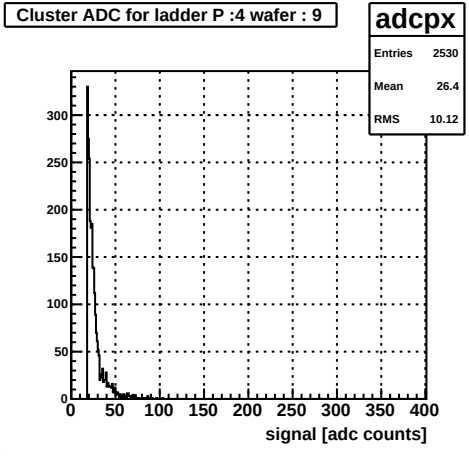

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1074
Mean 31.3
RMS 11.41
signal [adc counts]

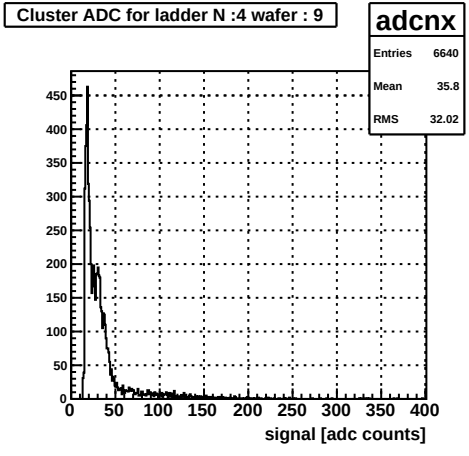

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4816
Mean 42.09
RMS 32.24
signal [adc counts]

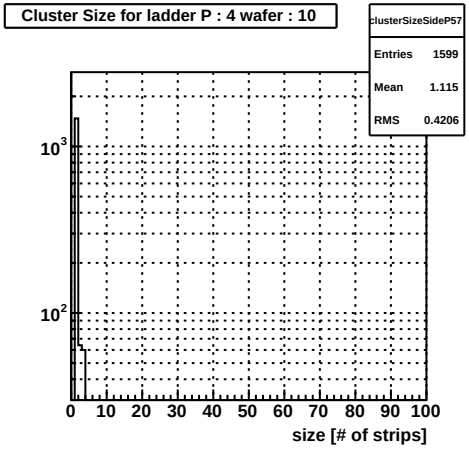

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2530
Mean 1.079
RMS 0.2833
size [# of strips]

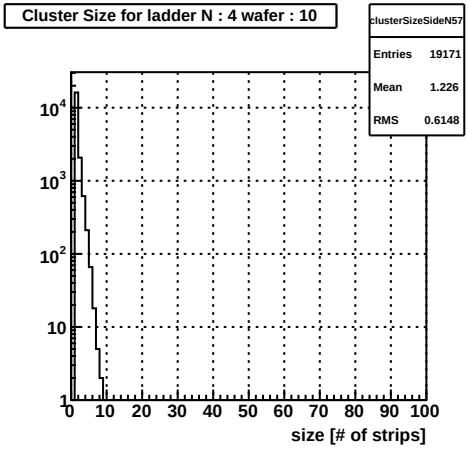

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 6640
Mean 1.329
RMS 0.9007
size [# of strips]

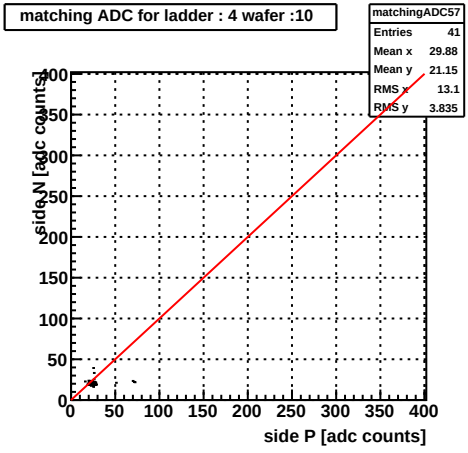

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 78
Mean x 27.88
Mean y 41.07
RMS x 16.73
RMS y 37.6
side N [adc counts]
side P [adc counts]

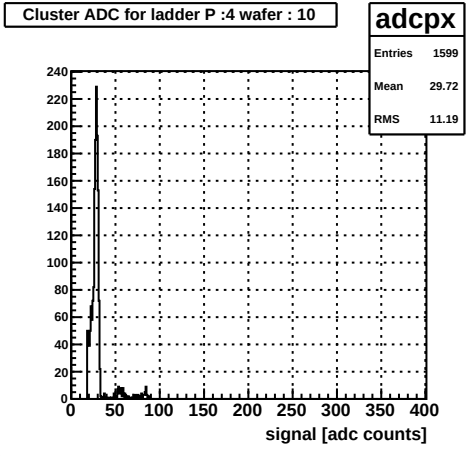

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2530
Mean 26.4
RMS 10.12
signal [adc counts]

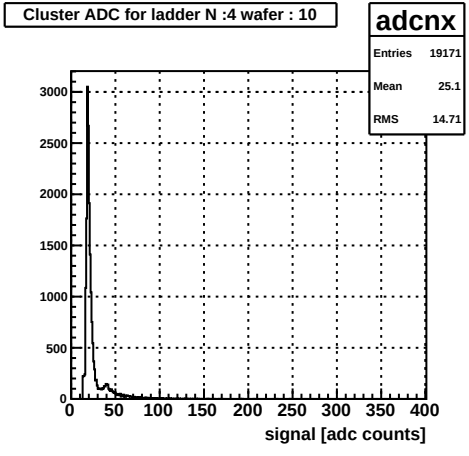

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 6640
Mean 35.8
RMS 32.02
signal [adc counts]

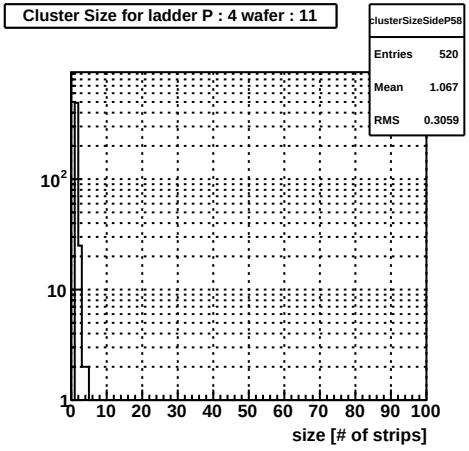

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1599
Mean 1.115
RMS 0.4206
size [# of strips]

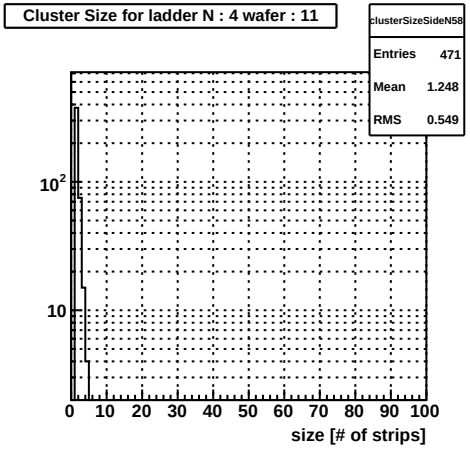

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 19171
Mean 1.226
RMS 0.6148
size [# of strips]

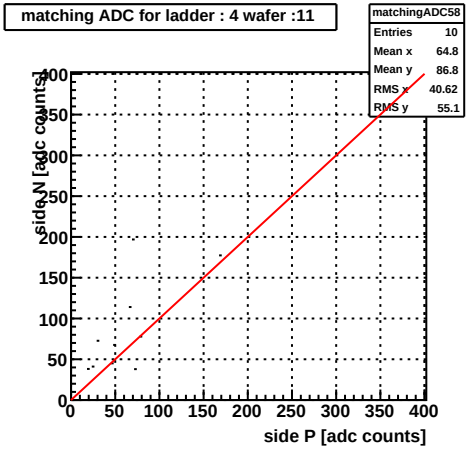

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 41
Mean x 29.88
Mean y 21.15
RMS x 13.1
RMS y 3.835
side N [adc counts]
side P [adc counts]

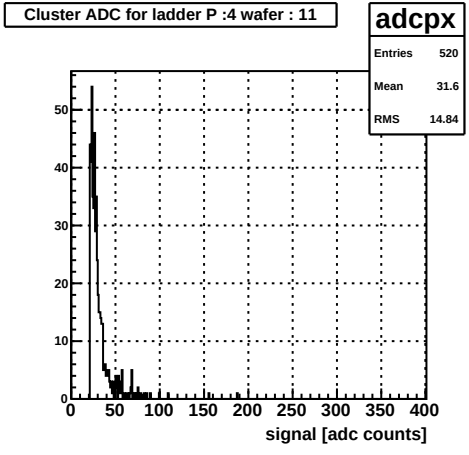

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1599
Mean 29.72
RMS 11.19
signal [adc counts]

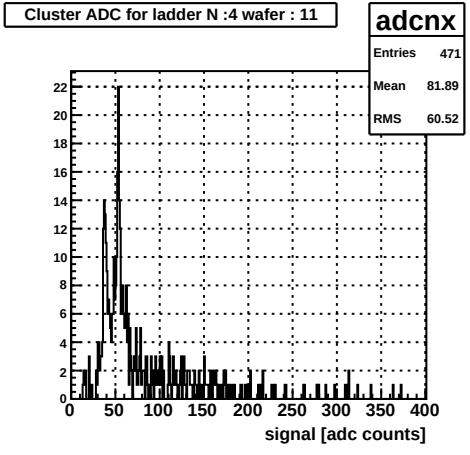

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 19171
Mean 25.1
RMS 14.71
signal [adc counts]

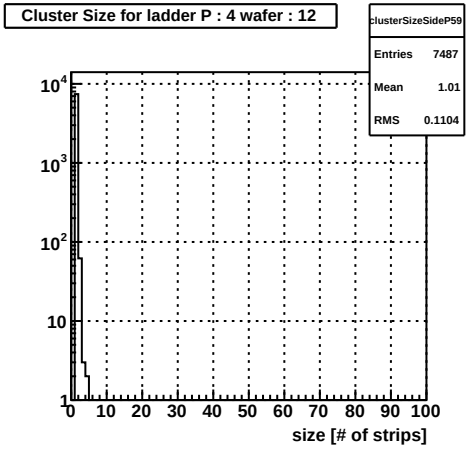

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 520
Mean 1.067
RMS 0.3059
size [# of strips]

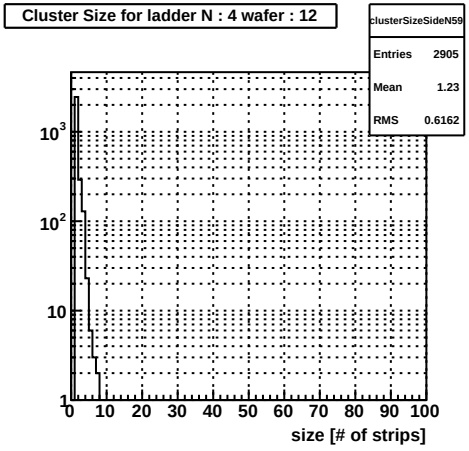

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 471
Mean 1.248
RMS 0.549
size [# of strips]

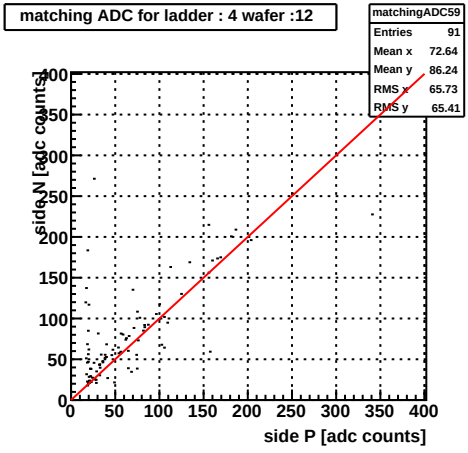

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 10
Mean x 64.8
Mean y 86.8
RMS x 40.62
RMS y 55.1
side N [adc counts]
side P [adc counts]

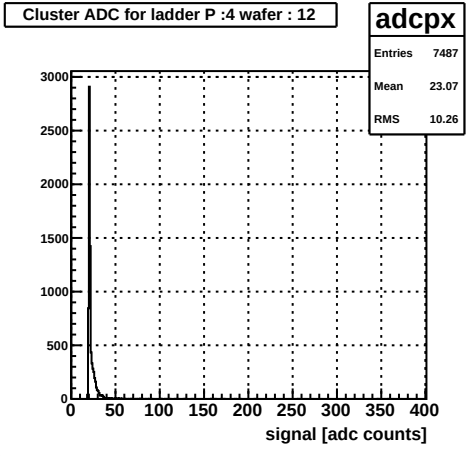

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 520
Mean 31.6
RMS 14.84
signal [adc counts]

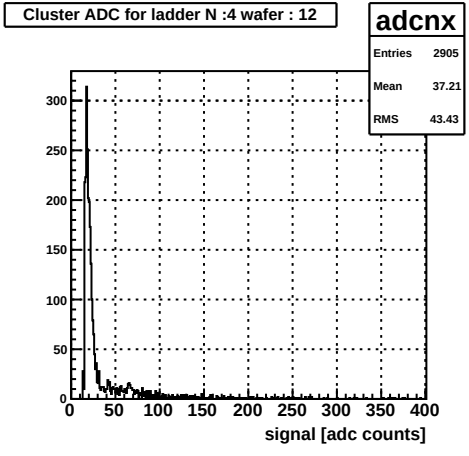

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 471
Mean 81.89
RMS 60.52
signal [adc counts]

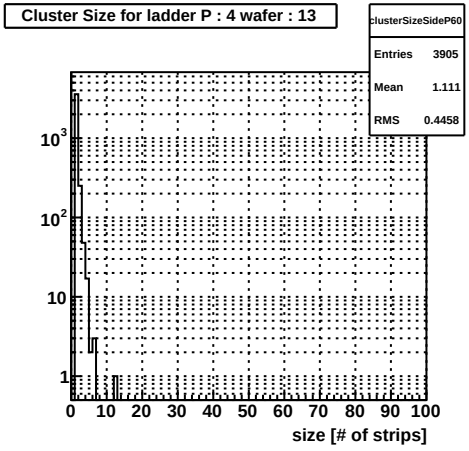

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7487
Mean 1.01
RMS 0.1104
size [# of strips]

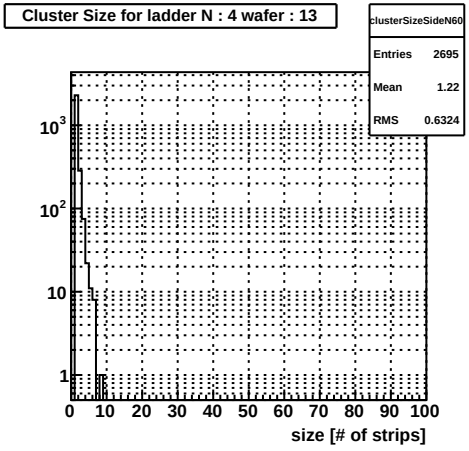

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2905
Mean 1.23
RMS 0.6162
size [# of strips]

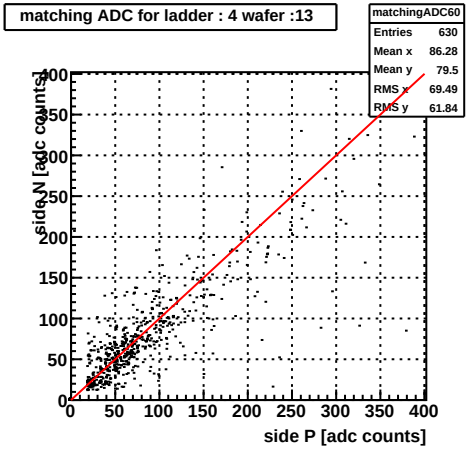

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 91
Mean x 72.64
Mean y 86.24
RMS x 65.73
RMS y 65.41
side N [adc counts]
side P [adc counts]

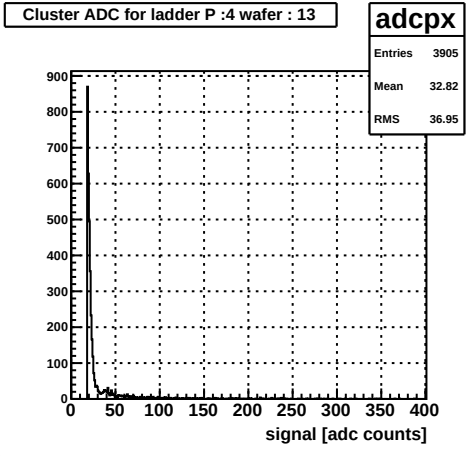

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7487
Mean 23.07
RMS 10.26
signal [adc counts]

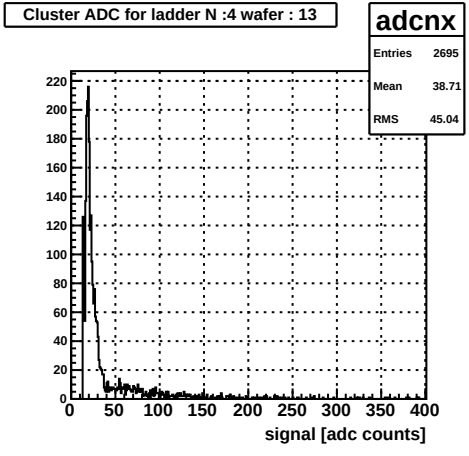

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2905
Mean 37.21
RMS 43.43
signal [adc counts]

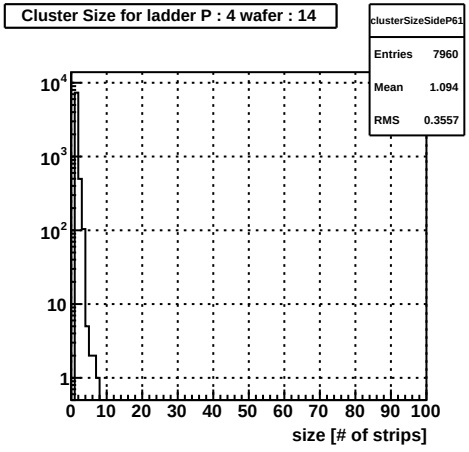

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3905
Mean 1.111
RMS 0.4458
size [# of strips]

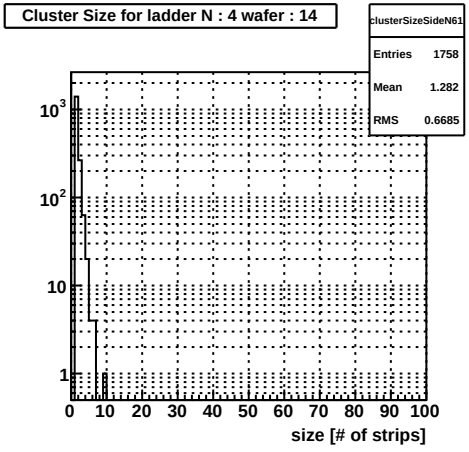

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2695
Mean 1.22
RMS 0.6324
size [# of strips]

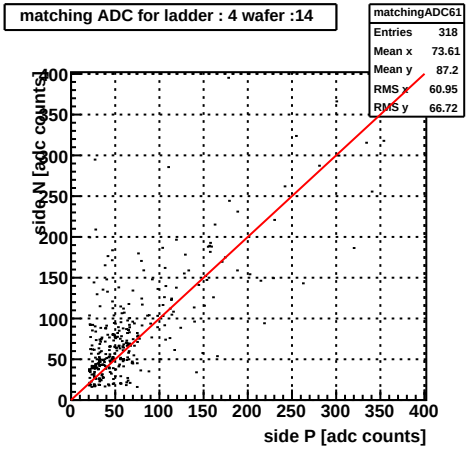

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 630
Mean x 86.28
Mean y 79.5
RMS x 69.49
RMS y 61.84
side N [adc counts]
side P [adc counts]

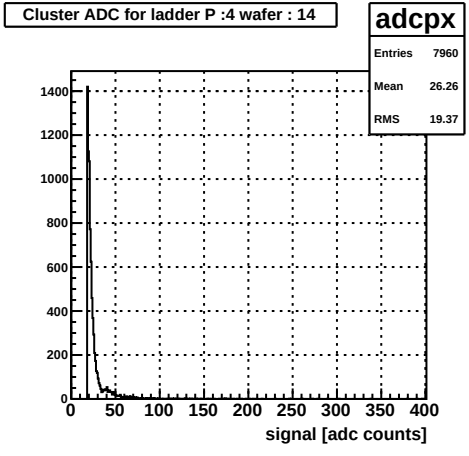

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3905
Mean 32.82
RMS 36.95
signal [adc counts]

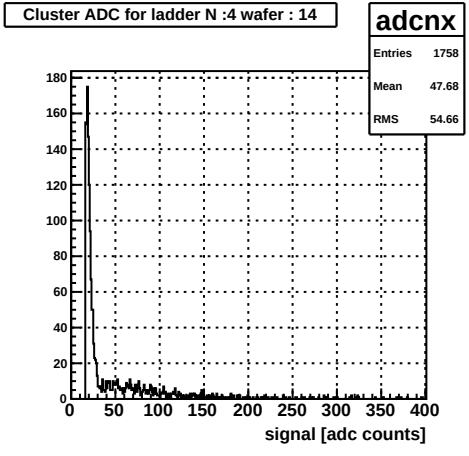

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2695
Mean 38.71
RMS 45.04
signal [adc counts]

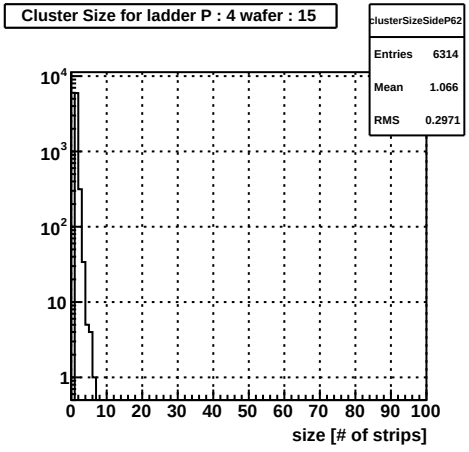

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7960
Mean 1.094
RMS 0.3557
size [# of strips]

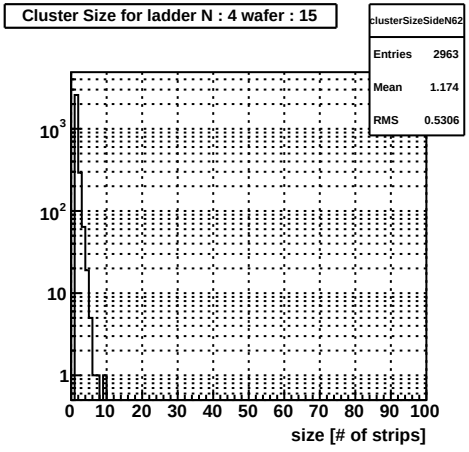

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1758
Mean 1.282
RMS 0.6685
size [# of strips]

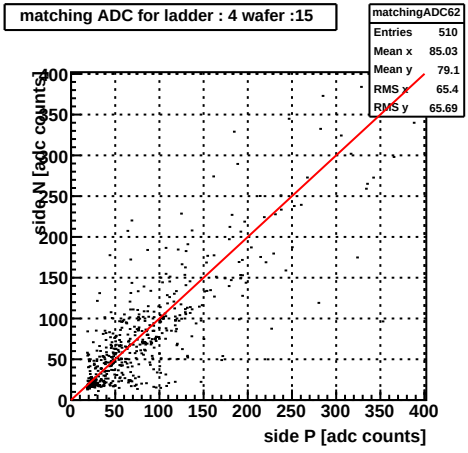

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 318
Mean x 73.61
Mean y 87.2
RMS x 60.95
RMS y 66.72
side N [adc counts]
side P [adc counts]

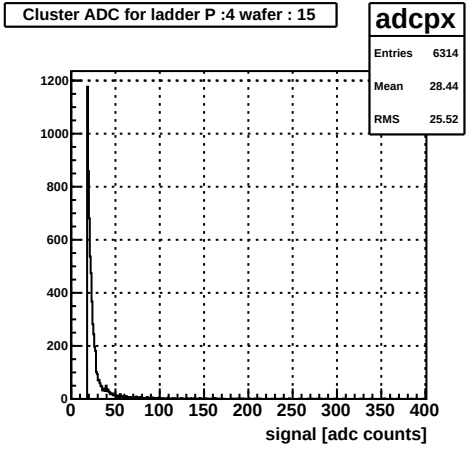

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7960
Mean 26.26
RMS 19.37
signal [adc counts]

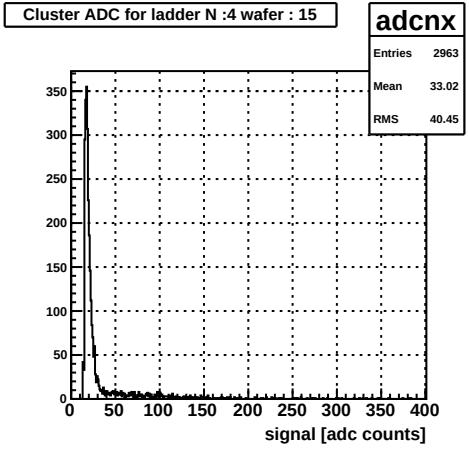

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1758
Mean 47.68
RMS 54.66
signal [adc counts]

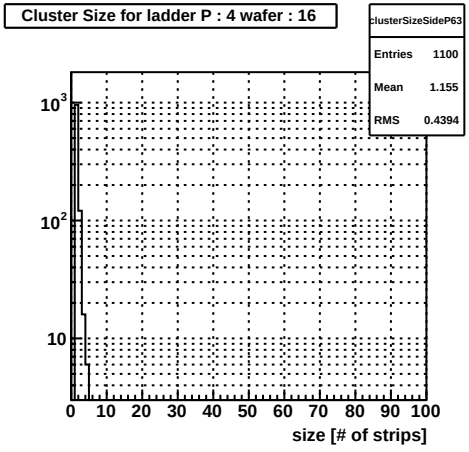

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6314
Mean 1.066
RMS 0.2971
size [# of strips]

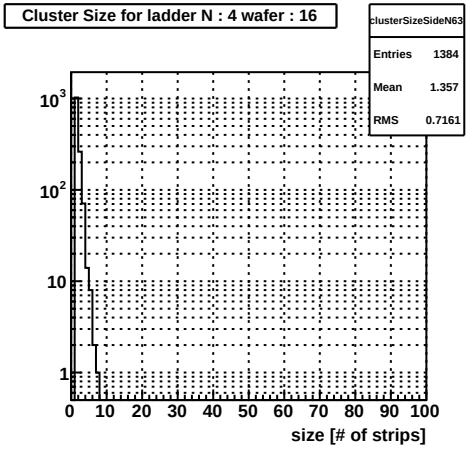

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2963
Mean 1.174
RMS 0.5306
size [# of strips]

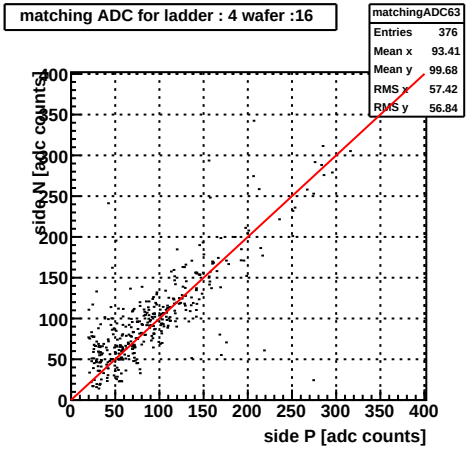

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 510
Mean x 85.03
Mean y 79.1
RMS x 65.4
RMS y 65.69
side N [adc counts]
side P [adc counts]

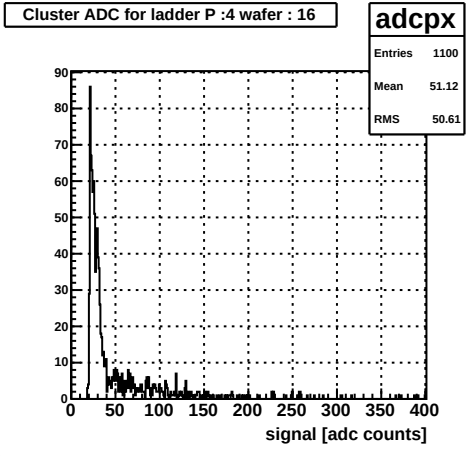

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6314
Mean 28.44
RMS 25.52
signal [adc counts]

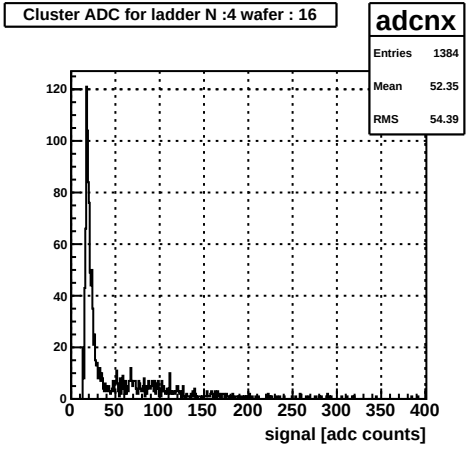

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2963
Mean 33.02
RMS 40.45
signal [adc counts]

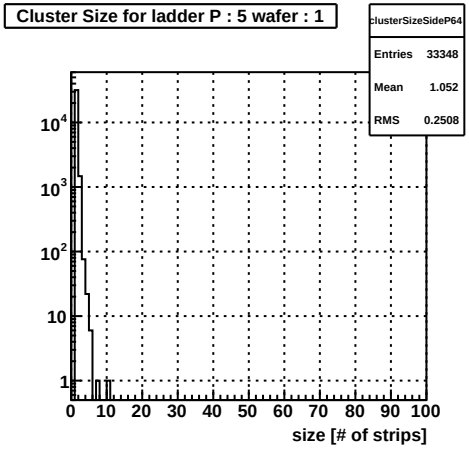

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1100
Mean 1.155
RMS 0.4394
size [# of strips]

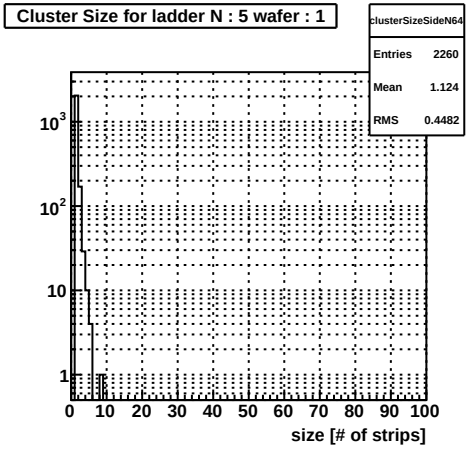

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1384
Mean 1.357
RMS 0.7161
size [# of strips]

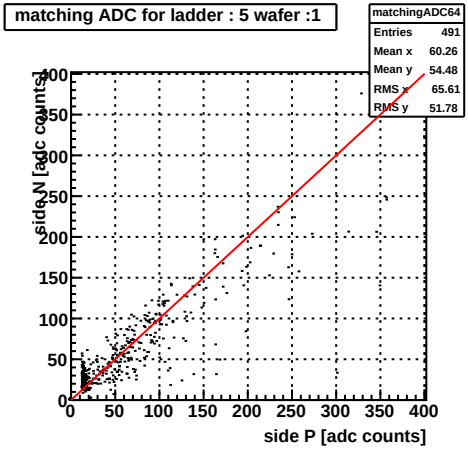

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 376
Mean x 93.41
Mean y 99.68
RMS x 57.42
RMS y 56.84
side N [adc counts]
side P [adc counts]

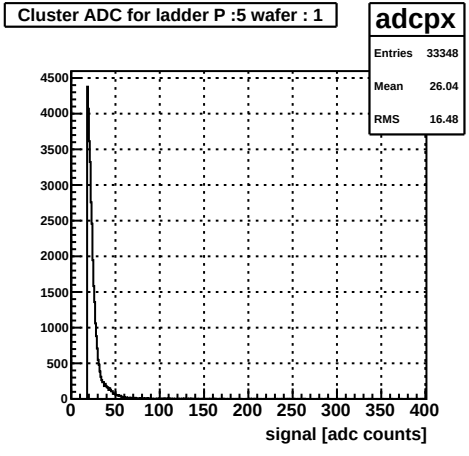

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1100
Mean 51.12
RMS 50.61
signal [adc counts]

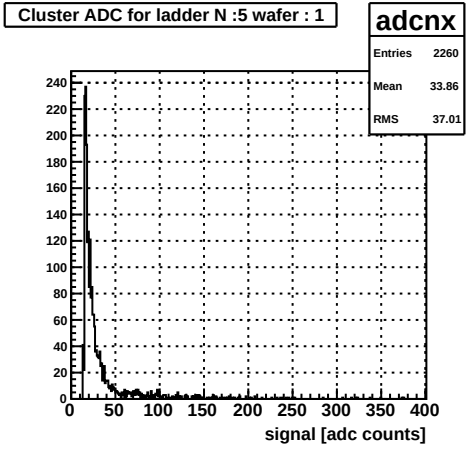

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1384
Mean 52.35
RMS 54.39
signal [adc counts]

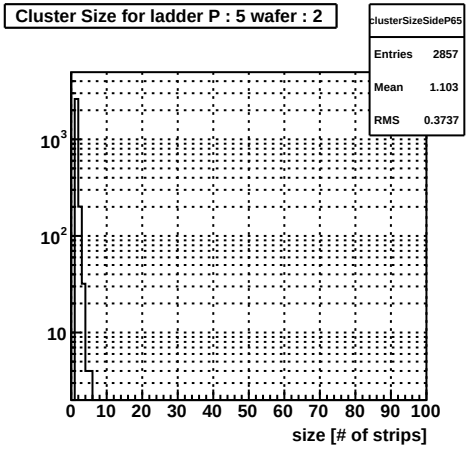

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 33348
Mean 1.052
RMS 0.2508
size [# of strips]

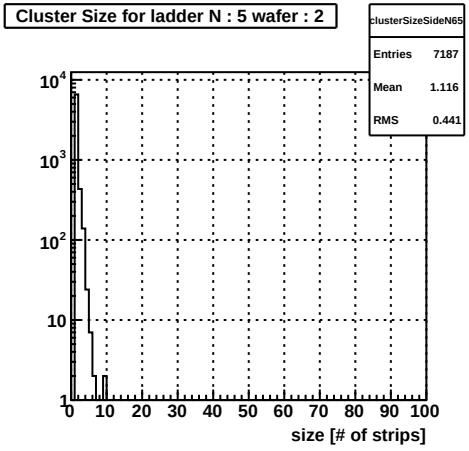

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2260
Mean 1.124
RMS 0.4482
size [# of strips]

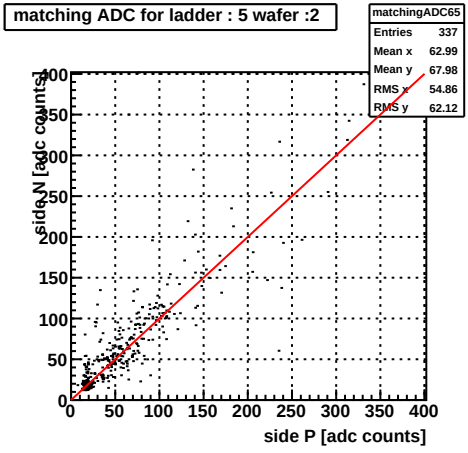

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 491
Mean x 60.26
Mean y 54.48
RMS x 65.61
RMS y 51.78
side N [adc counts]
side P [adc counts]

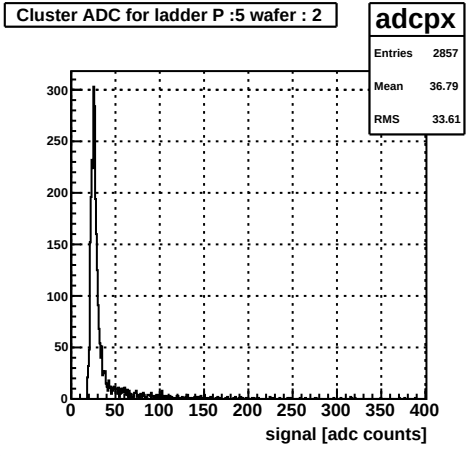

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 33348
Mean 26.04
RMS 16.48
signal [adc counts]

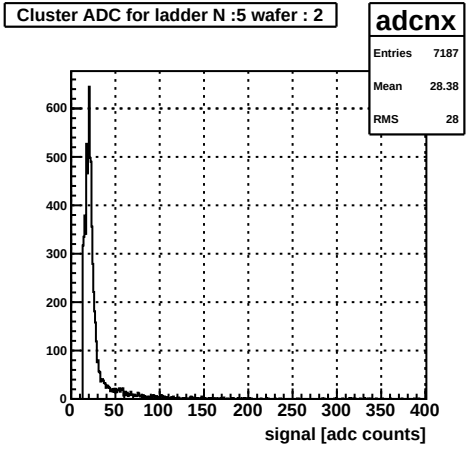

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2260
Mean 33.86
RMS 37.01
signal [adc counts]

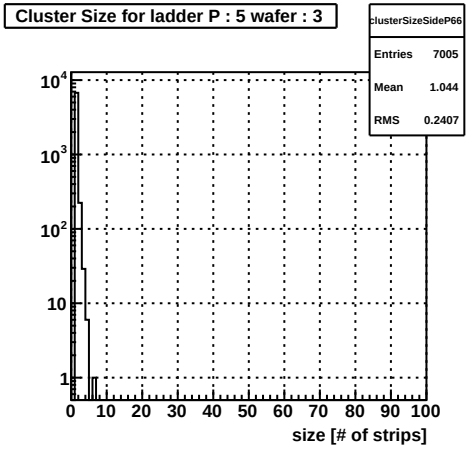

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2857
Mean 1.103
RMS 0.3737
size [# of strips]

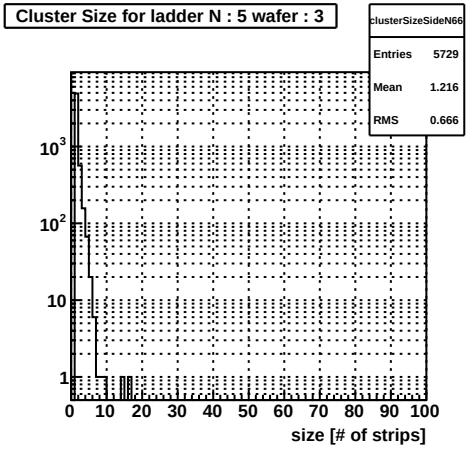

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7187
Mean 1.116
RMS 0.441
size [# of strips]

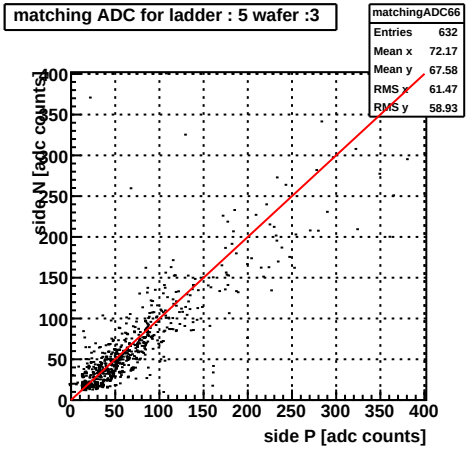

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 337
Mean x 62.99
Mean y 67.98
RMS x 54.86
RMS y 62.12
side N [adc counts]
side P [adc counts]

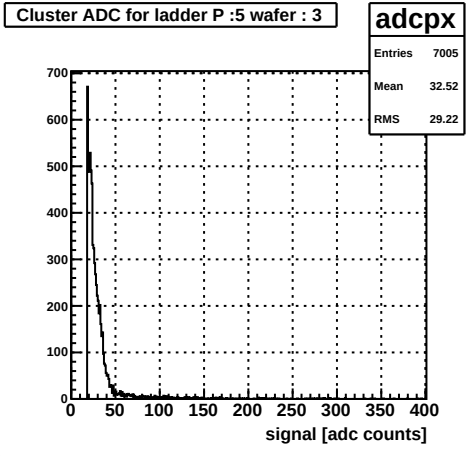

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2857
Mean 36.79
RMS 33.61
signal [adc counts]

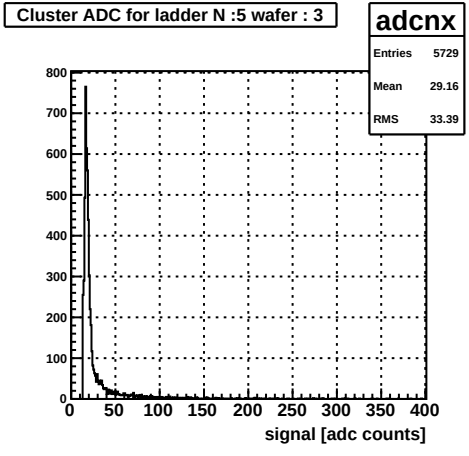

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7187
Mean 28.38
RMS 28
signal [adc counts]

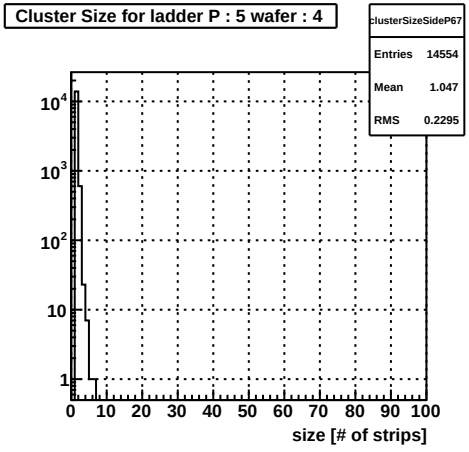

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 7005
Mean 1.044
RMS 0.2407
size [# of strips]

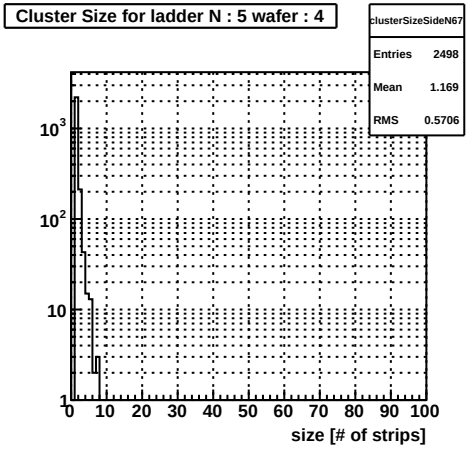

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 5729
Mean 1.216
RMS 0.666
size [# of strips]

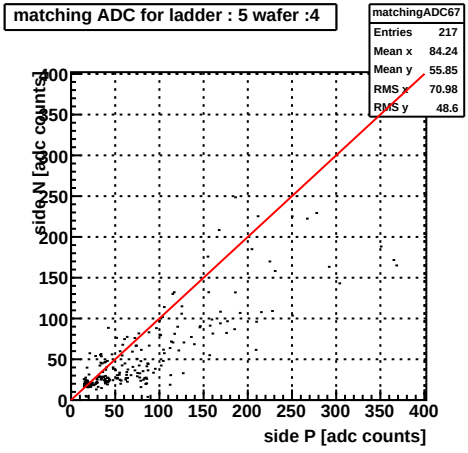

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 632
Mean x 72.17
Mean y 67.58
RMS x 61.47
RMS y 58.93
side N [adc counts]
side P [adc counts]

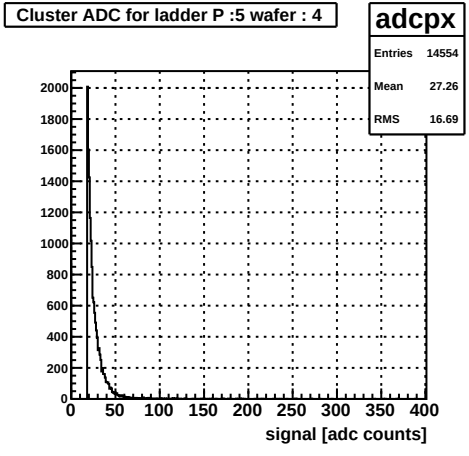

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 7005
Mean 32.52
RMS 29.22
signal [adc counts]

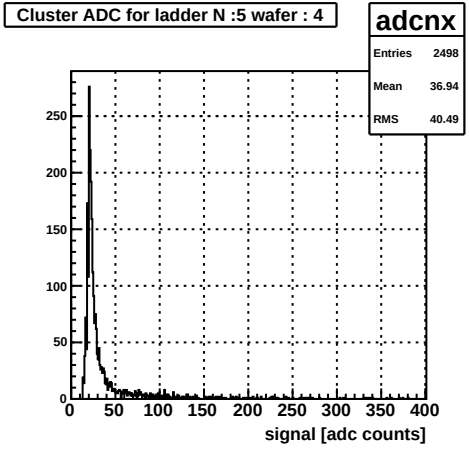

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 5729
Mean 29.16
RMS 33.39
signal [adc counts]

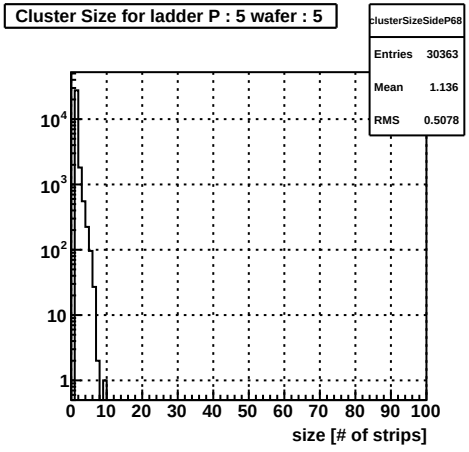

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 14554
Mean 1.047
RMS 0.2295
size [# of strips]

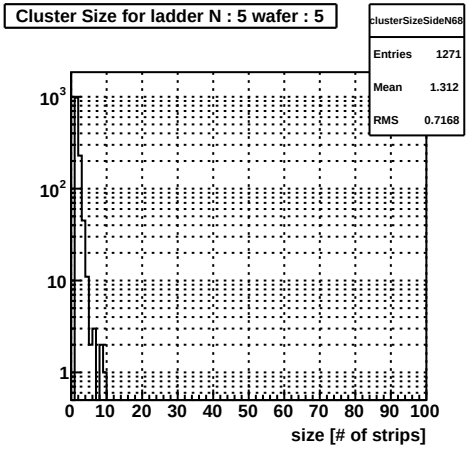

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2498
Mean 1.169
RMS 0.5706
size [# of strips]

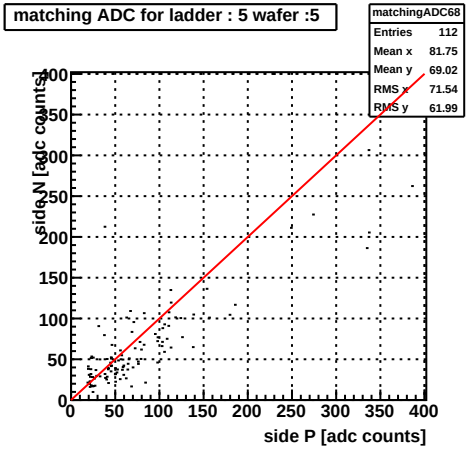

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 217
Mean x 84.24
Mean y 55.85
RMS x 70.98
RMS y 48.6
side N [adc counts]
side P [adc counts]

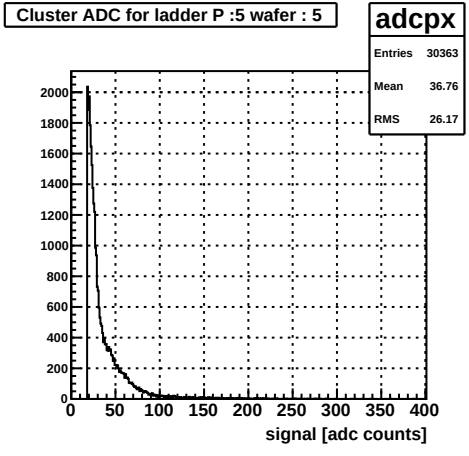

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 14554
Mean 27.26
RMS 16.69
signal [adc counts]

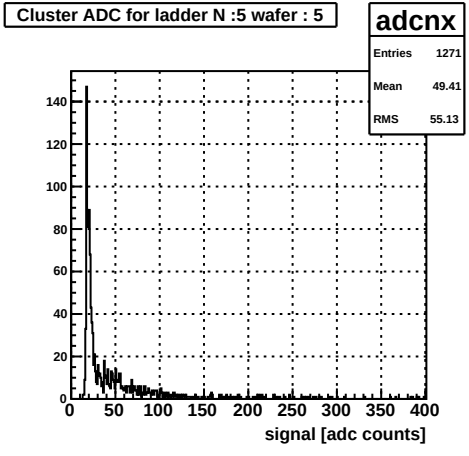

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2498
Mean 36.94
RMS 40.49
signal [adc counts]

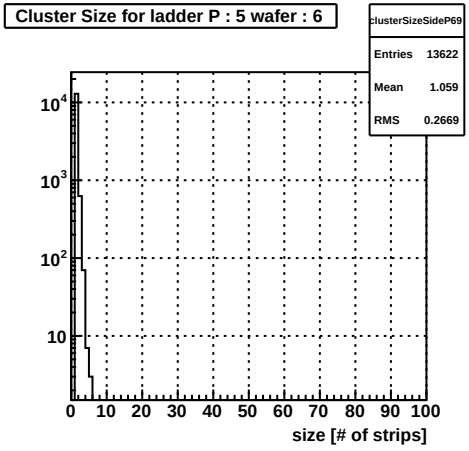

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 30363
Mean 1.136
RMS 0.5078
size [# of strips]

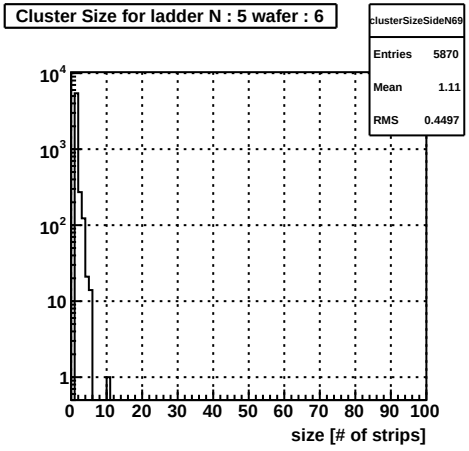

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1271
Mean 1.312
RMS 0.7168
size [# of strips]

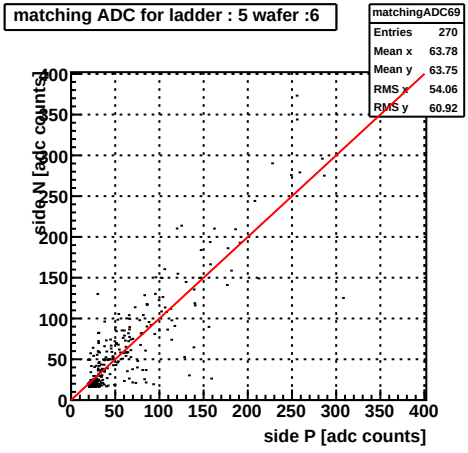

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 112
Mean x 81.75
Mean y 69.02
RMS x 71.54
RMS y 61.99
side N [adc counts]
side P [adc counts]

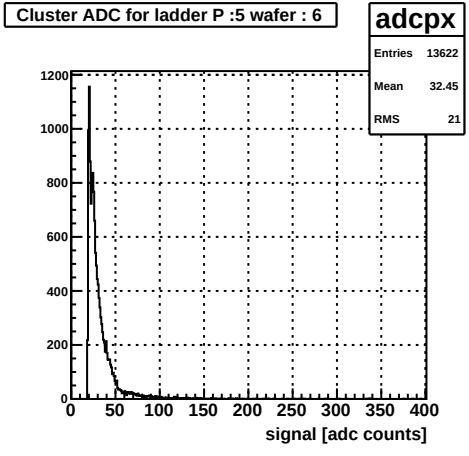

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 30363
Mean 36.76
RMS 26.17
signal [adc counts]

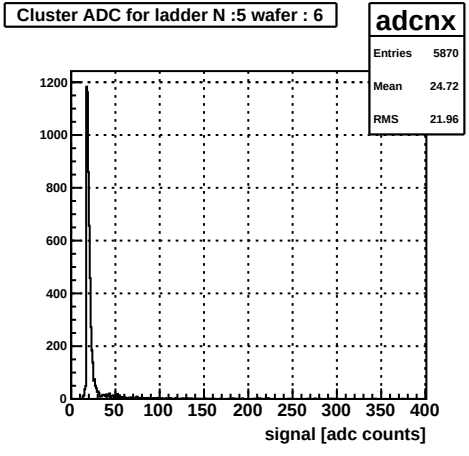

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1271
Mean 49.41
RMS 55.13
signal [adc counts]

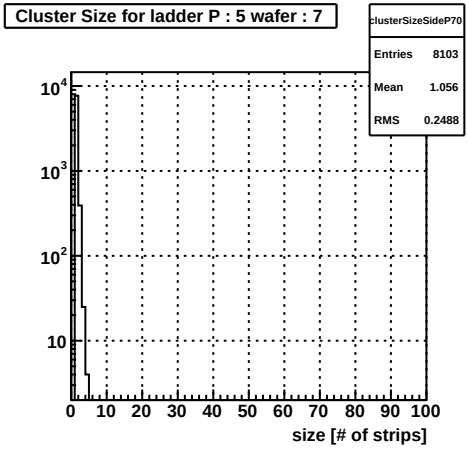

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 13622
Mean 1.059
RMS 0.2669
size [# of strips]

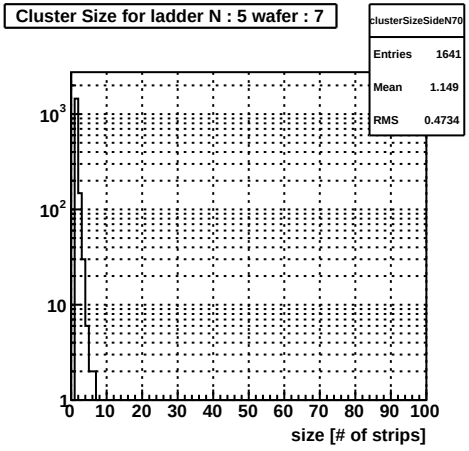

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5870
Mean 1.11
RMS 0.4497
size [# of strips]

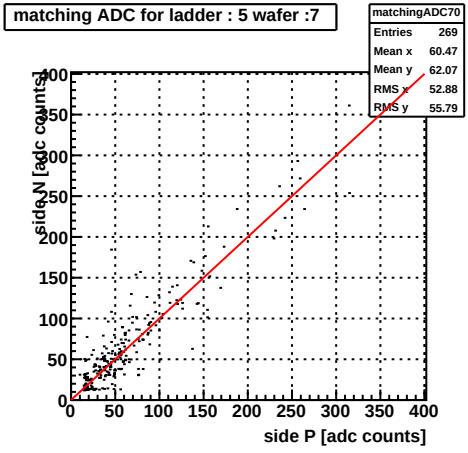

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 270
Mean x 63.78
Mean y 63.75
RMS x 54.06
RMS y 60.92
side N [adc counts]
side P [adc counts]

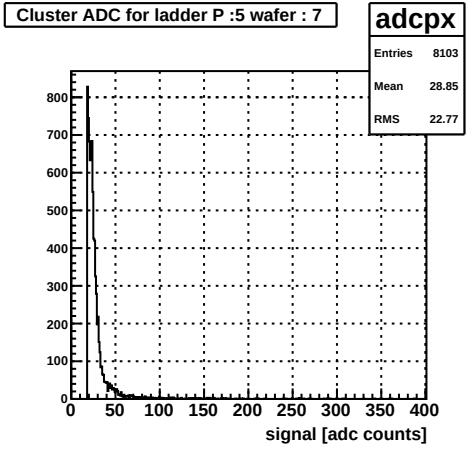

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 13622
Mean 32.45
RMS 21
signal [adc counts]

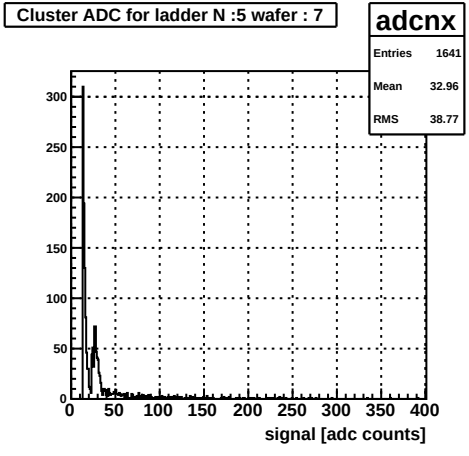

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5870
Mean 24.72
RMS 21.96
signal [adc counts]

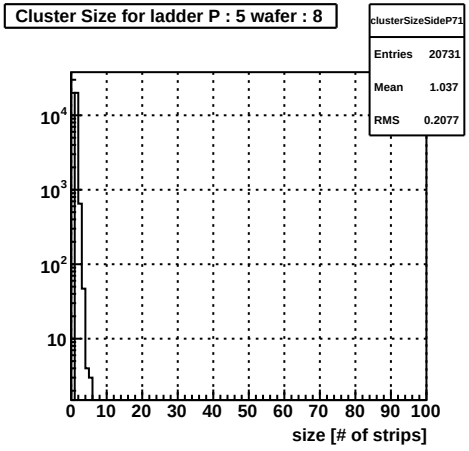

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8103
Mean 1.056
RMS 0.2488
size [# of strips]

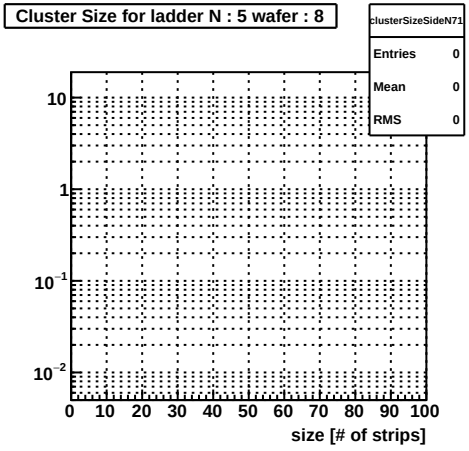

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1641
Mean 1.149
RMS 0.4734
size [# of strips]

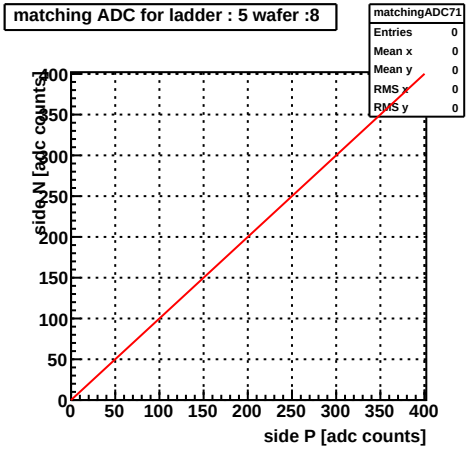

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 269
Mean x 60.47
Mean y 62.07
RMS x 52.88
RMS y 55.79
side N [adc counts]
side P [adc counts]

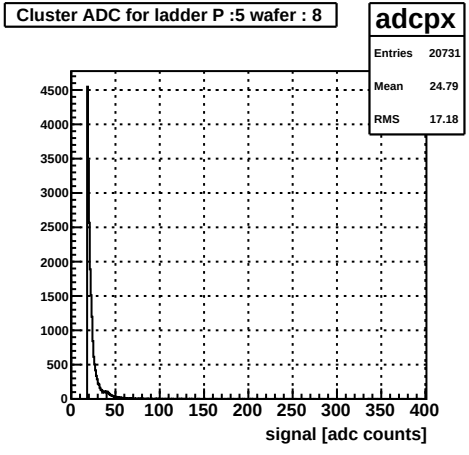

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8103
Mean 28.85
RMS 22.77
signal [adc counts]

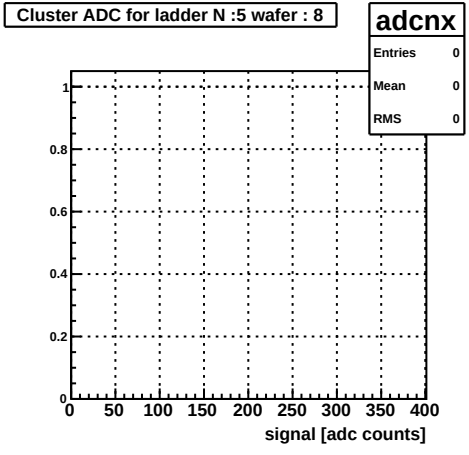

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1641
Mean 32.96
RMS 38.77
signal [adc counts]

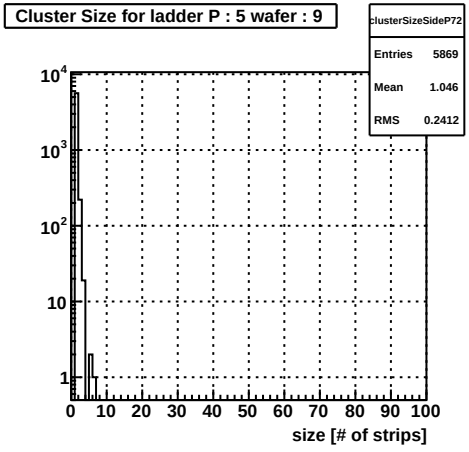

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 20731
Mean 1.037
RMS 0.2077
size [# of strips]

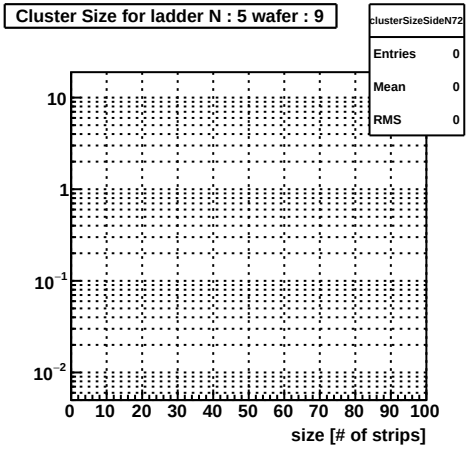

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

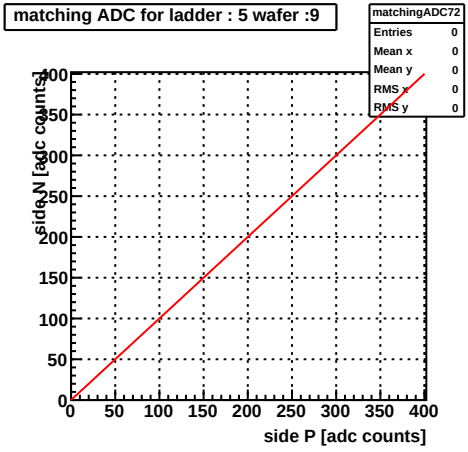

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

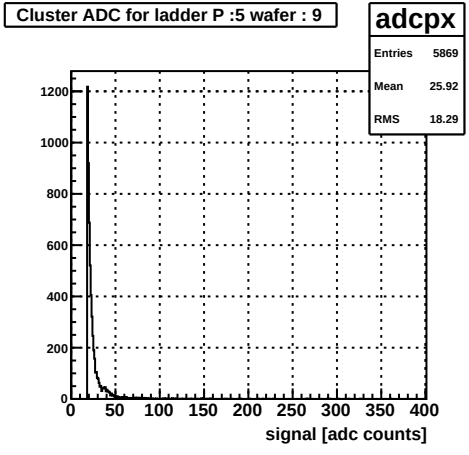

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 20731
Mean 24.79
RMS 17.18
signal [adc counts]

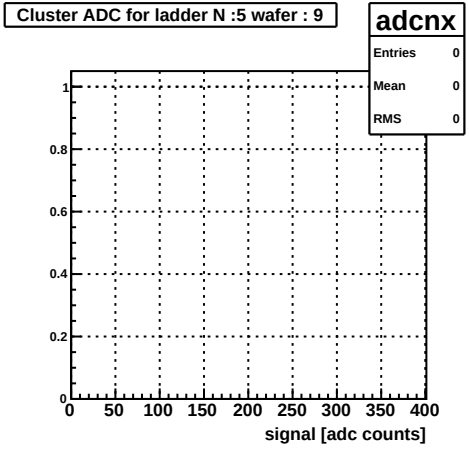

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

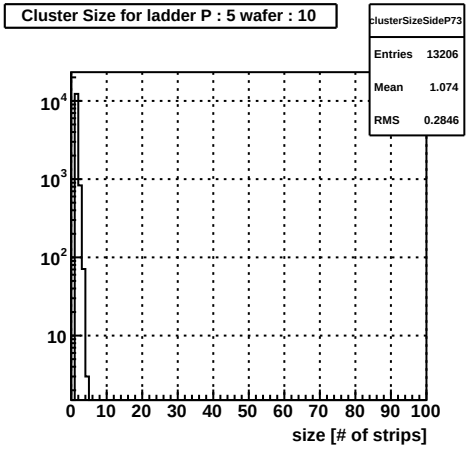

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5869
Mean 1.046
RMS 0.2412
size [# of strips]

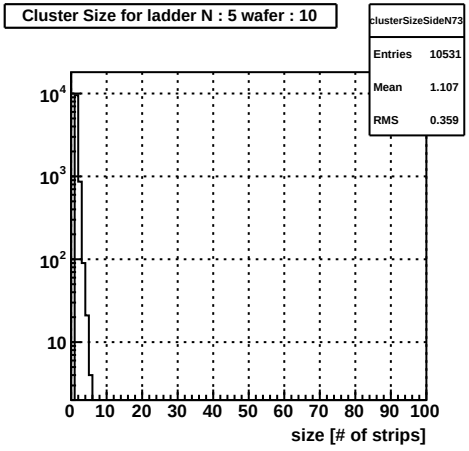

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

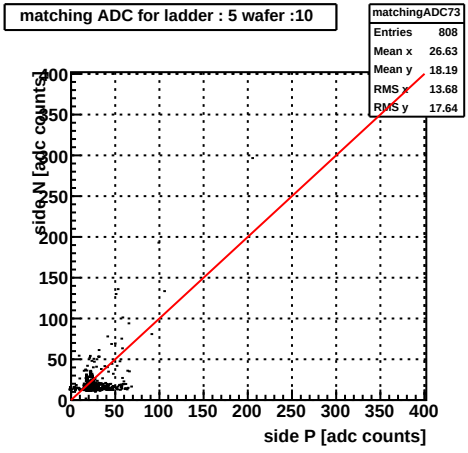

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

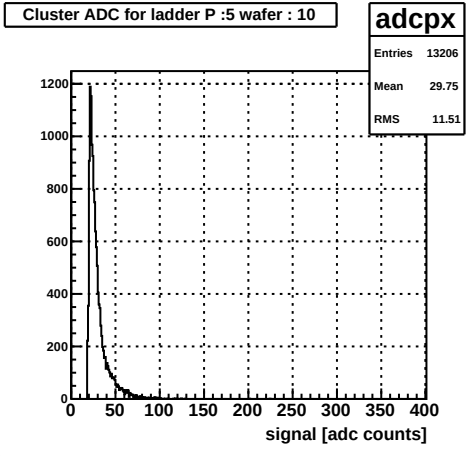

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5869
Mean 25.92
RMS 18.29
signal [adc counts]

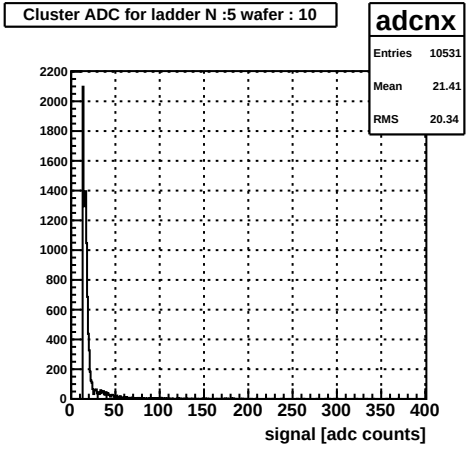

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

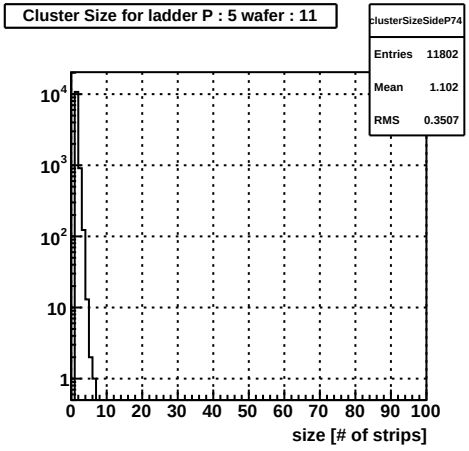

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 13206
Mean 1.074
RMS 0.2846
size [# of strips]

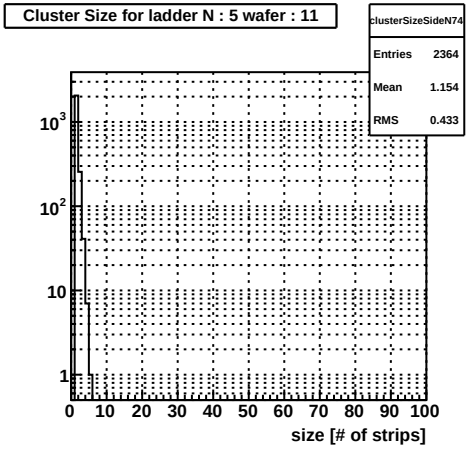

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10531
Mean 1.107
RMS 0.359
size [# of strips]

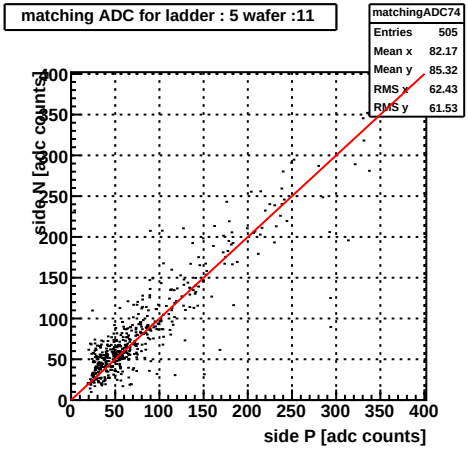

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 808
Mean x 26.63
Mean y 18.19
RMS x 13.68
RMS y 17.64
side N [adc counts]
side P [adc counts]

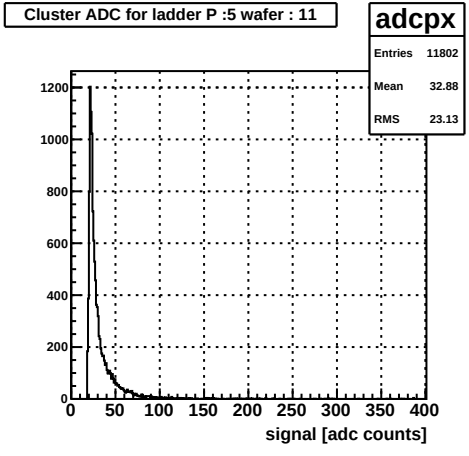

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 13206
Mean 29.75
RMS 11.51
signal [adc counts]

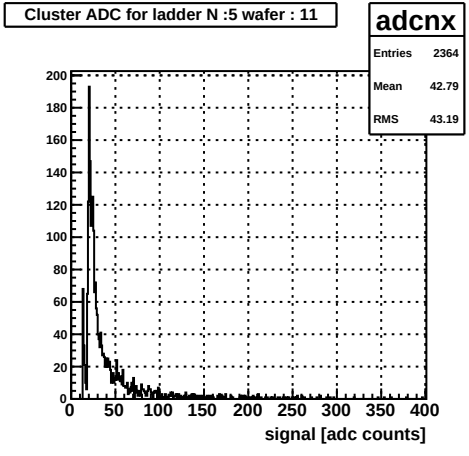

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10531
Mean 21.41
RMS 20.34
signal [adc counts]

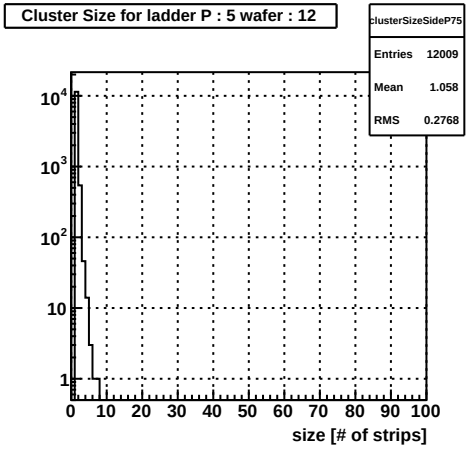

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 11802
Mean 1.102
RMS 0.3507
size [# of strips]

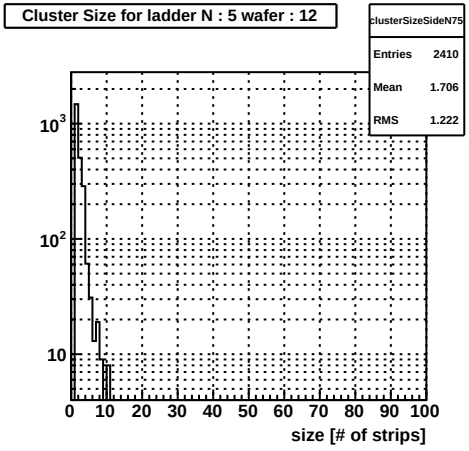

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2364
Mean 1.154
RMS 0.433
size [# of strips]

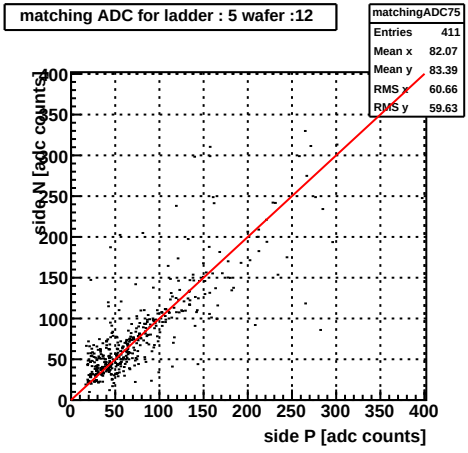

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 505
Mean x 82.17
Mean y 85.32
RMS x 62.43
RMS y 61.53
side N [adc counts]
side P [adc counts]

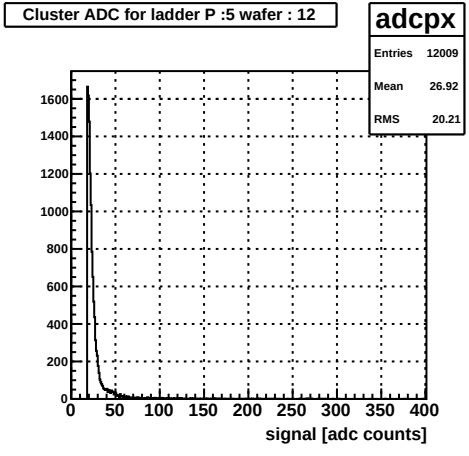

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 11802
Mean 32.88
RMS 23.13
signal [adc counts]

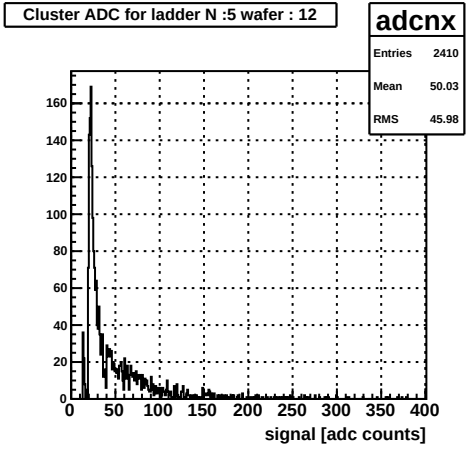

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2364
Mean 42.79
RMS 43.19
signal [adc counts]

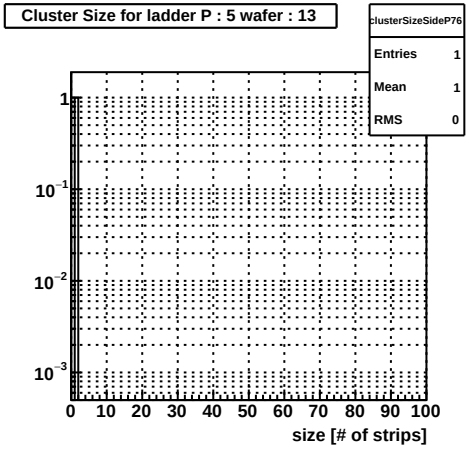

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 12009
Mean 1.058
RMS 0.2768
size [# of strips]

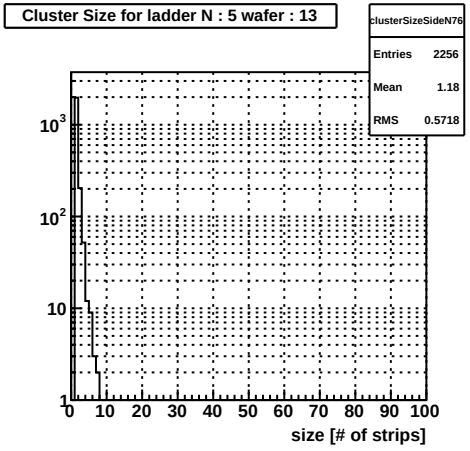

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2410
Mean 1.706
RMS 1.222
size [# of strips]

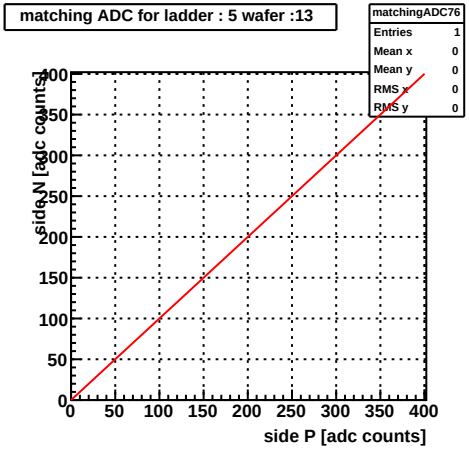

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 411
Mean x 82.07
Mean y 83.39
RMS x 60.66
RMS y 59.63
side N [adc counts]
side P [adc counts]

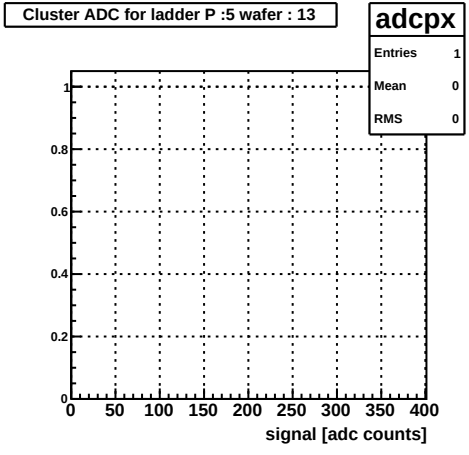

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 12009
Mean 26.92
RMS 20.21
signal [adc counts]

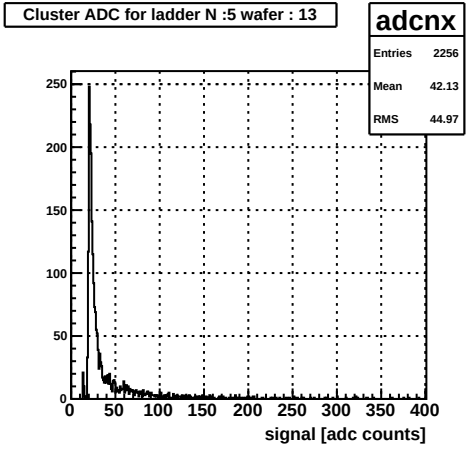

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2410
Mean 50.03
RMS 45.98
signal [adc counts]

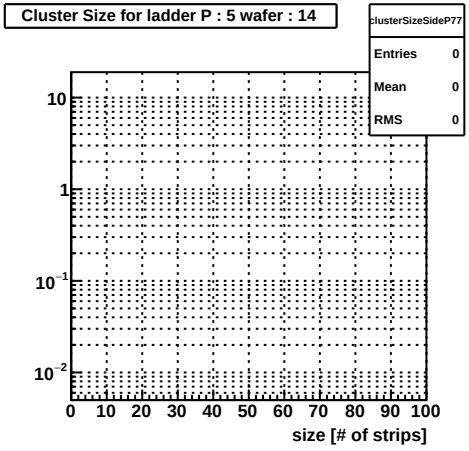

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

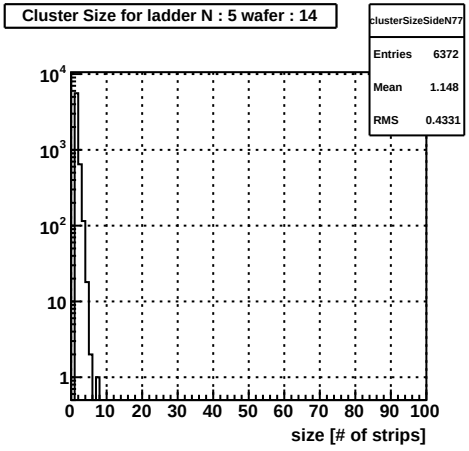

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2256
Mean 1.18
RMS 0.5718
size [# of strips]

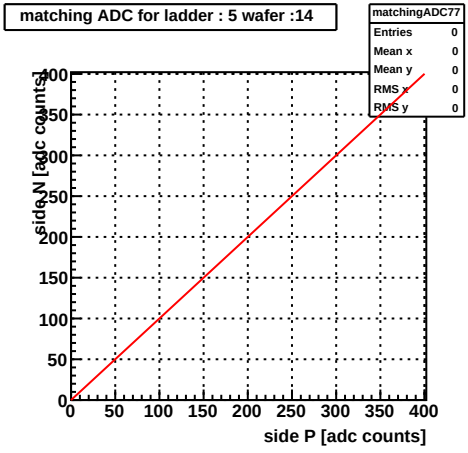

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

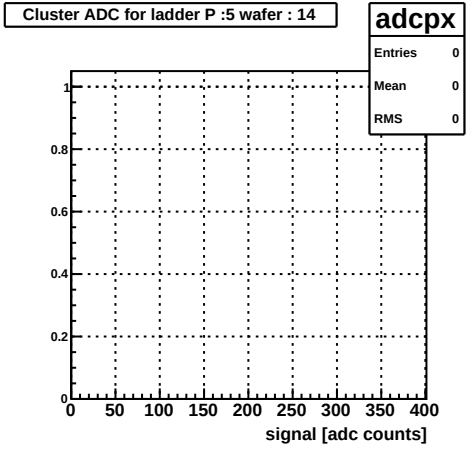

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

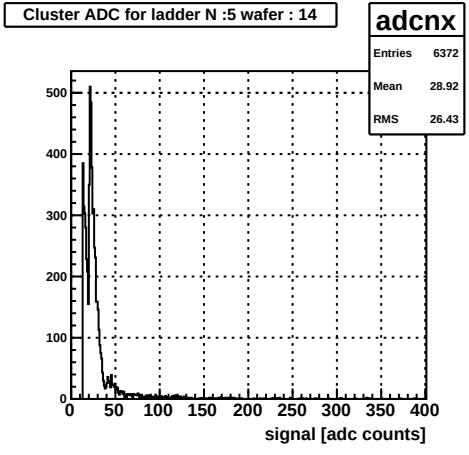

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2256
Mean 42.13
RMS 44.97
signal [adc counts]

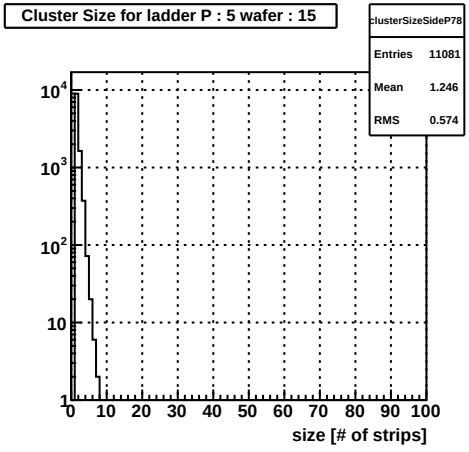

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

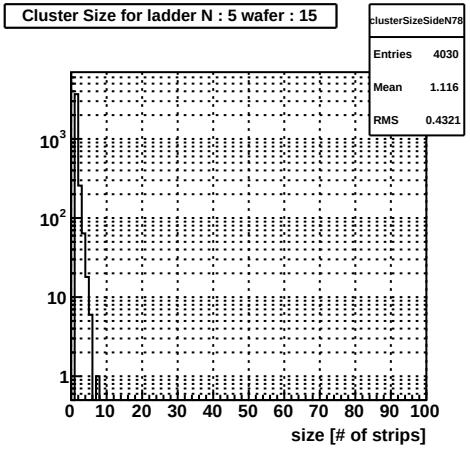

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6372
Mean 1.148
RMS 0.4331
size [# of strips]

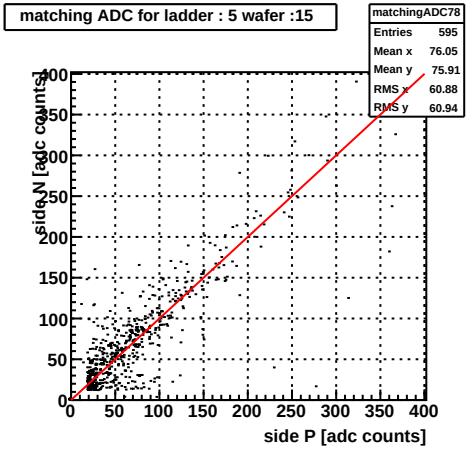

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

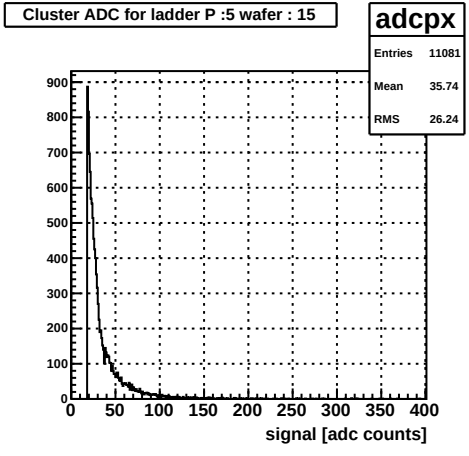

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

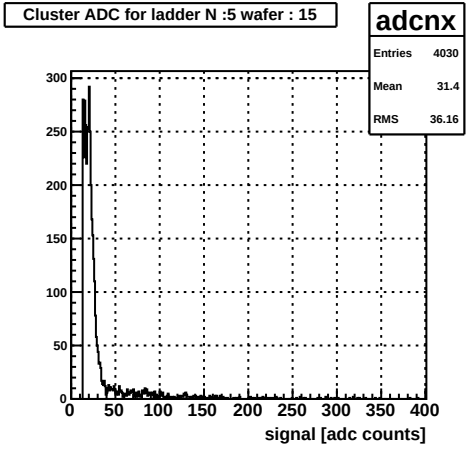

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6372
Mean 28.92
RMS 26.43
signal [adc counts]

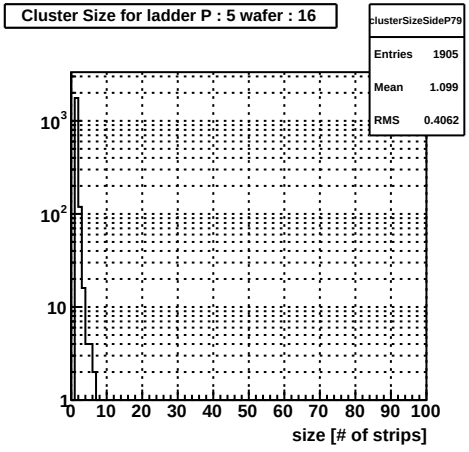

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 11081
Mean 1.246
RMS 0.574
size [# of strips]

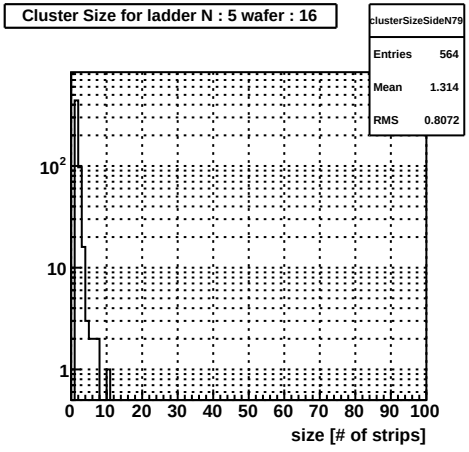

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4030
Mean 1.116
RMS 0.4321
size [# of strips]

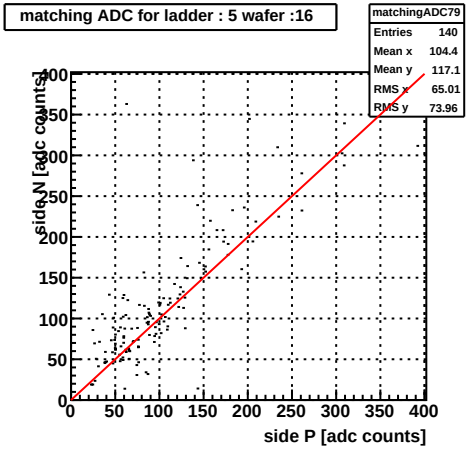

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 595
Mean x 76.05
Mean y 75.91
RMS x 60.88
RMS y 60.94
side N [adc counts]
side P [adc counts]

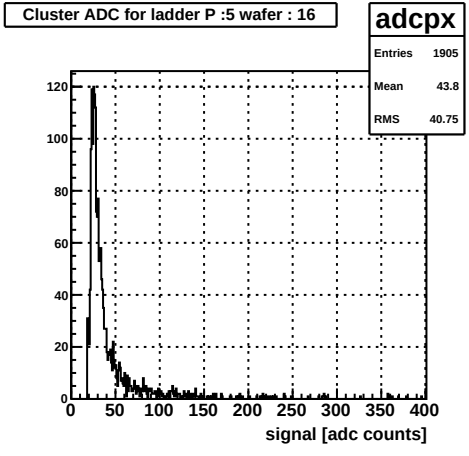

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 11081
Mean 35.74
RMS 26.24
signal [adc counts]

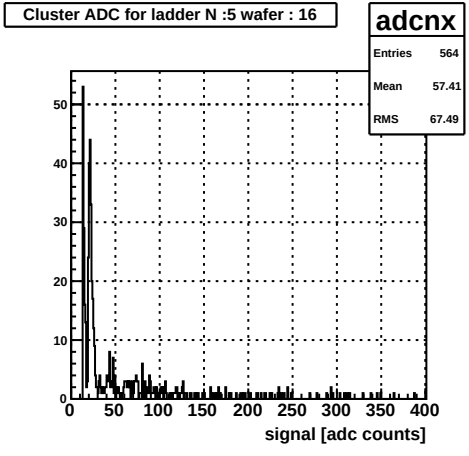

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4030
Mean 31.4
RMS 36.16
signal [adc counts]

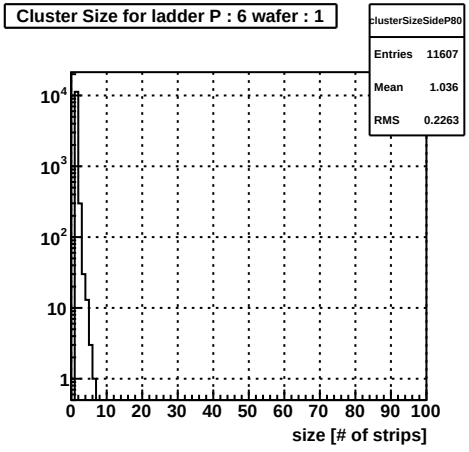

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1905
Mean 1.099
RMS 0.4062
size [# of strips]

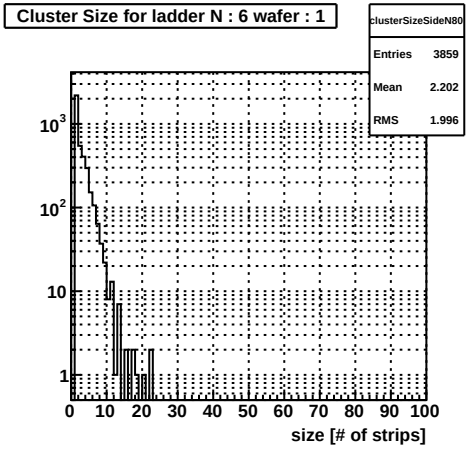

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 564
Mean 1.314
RMS 0.8072
size [# of strips]

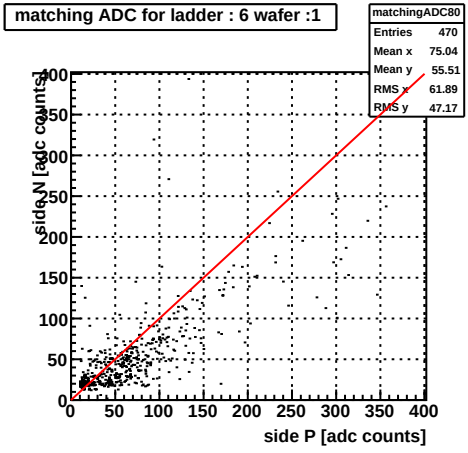

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 140
Mean x 104.4
Mean y 117.1
RMS x 65.01
RMS y 73.96
side N [adc counts]
side P [adc counts]

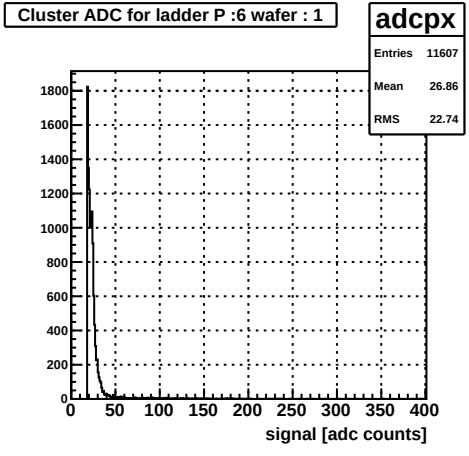

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1905
Mean 43.8
RMS 40.75
signal [adc counts]

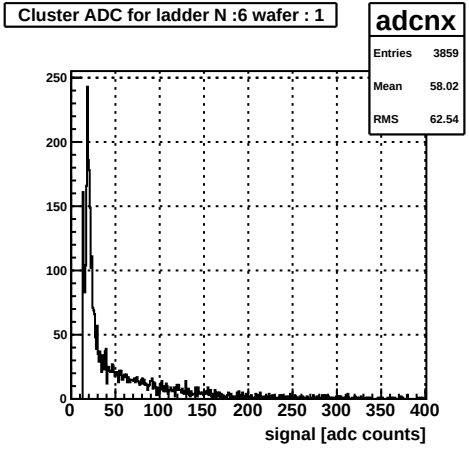

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 564
Mean 57.41
RMS 67.49
signal [adc counts]

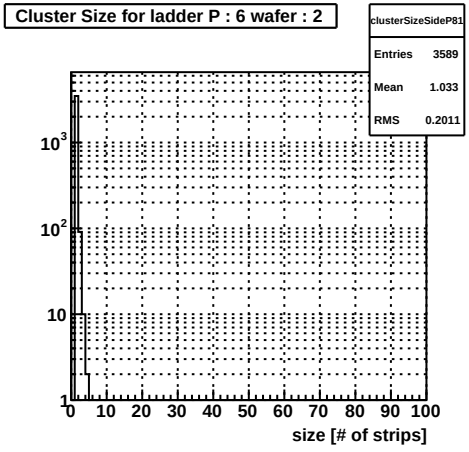

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11607
Mean 1.036
RMS 0.2263
size [# of strips]

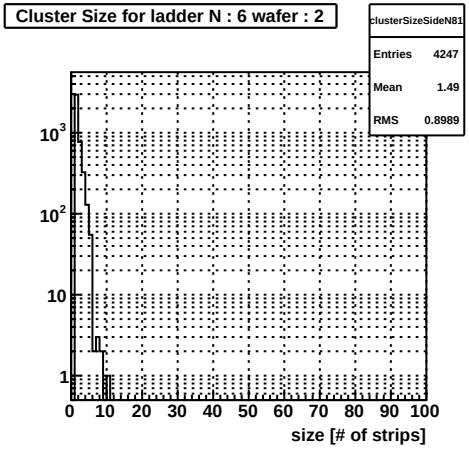

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3859
Mean 2.202
RMS 1.996
size [# of strips]

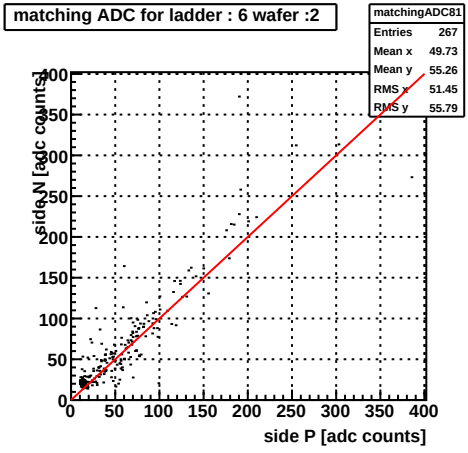

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 470
Mean x 75.04
Mean y 55.51
RMS x 61.89
RMS y 47.17
side N [adc counts]
side P [adc counts]

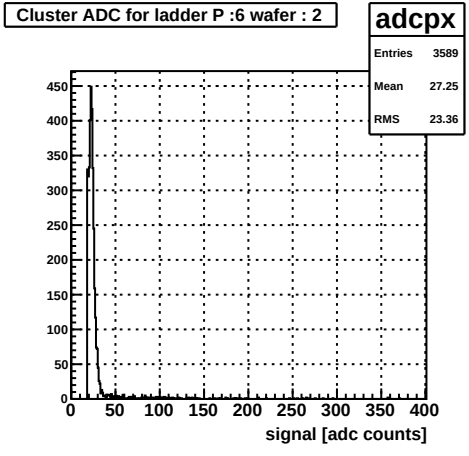

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11607
Mean 26.86
RMS 22.74
signal [adc counts]

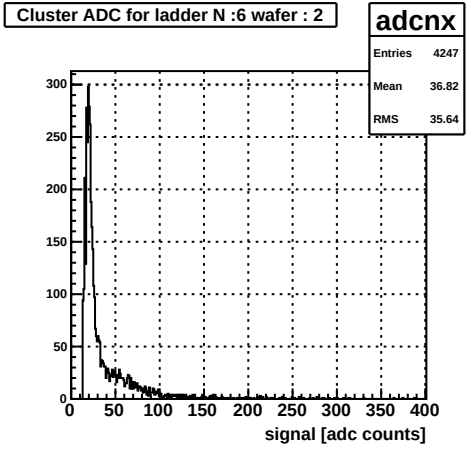

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3859
Mean 58.02
RMS 62.54
signal [adc counts]

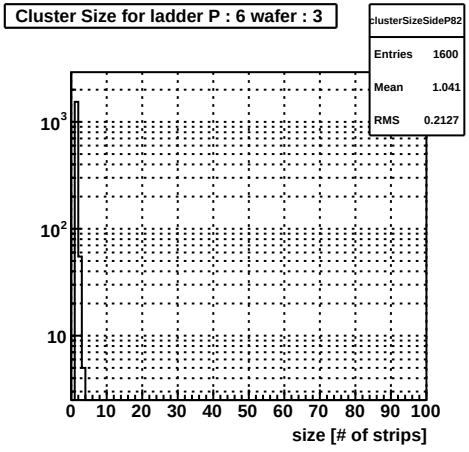

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3589
Mean 1.033
RMS 0.2011
size [# of strips]

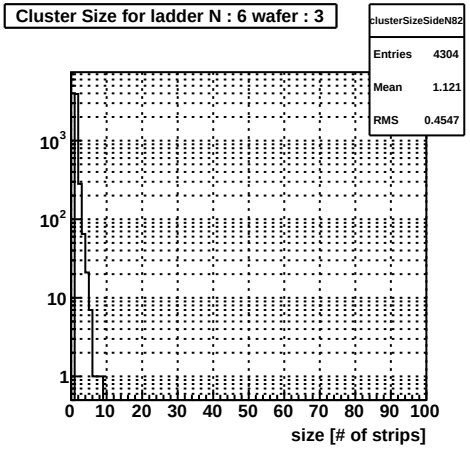

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 4247
Mean 1.49
RMS 0.8989
size [# of strips]

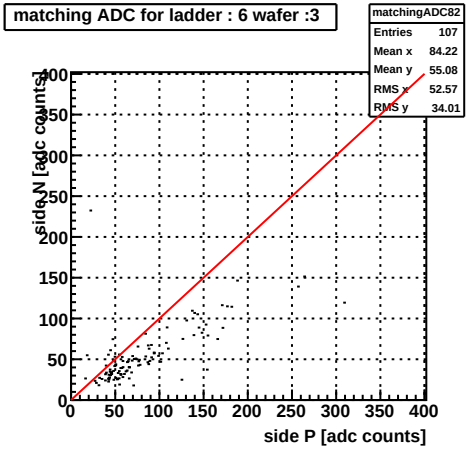

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 267
Mean x 49.73
Mean y 55.26
RMS x 51.45
RMS y 55.79
side N [adc counts]
side P [adc counts]

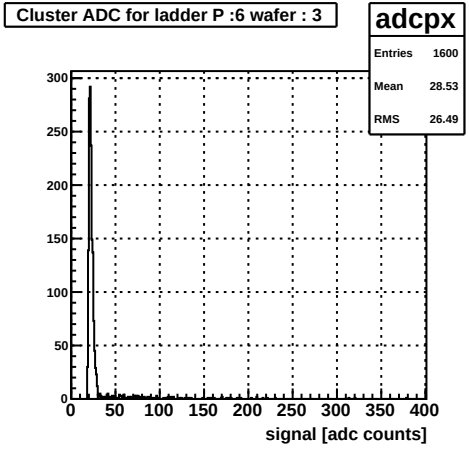

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3589
Mean 27.25
RMS 23.36
signal [adc counts]

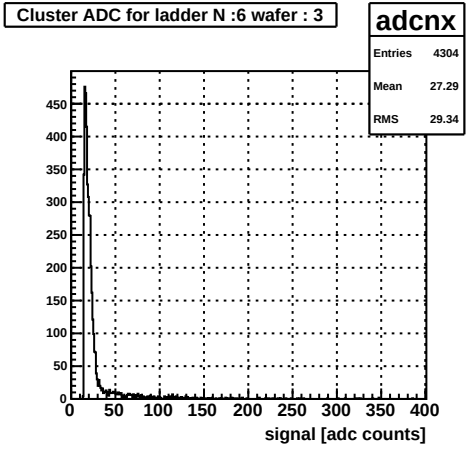

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 4247
Mean 36.82
RMS 35.64
signal [adc counts]

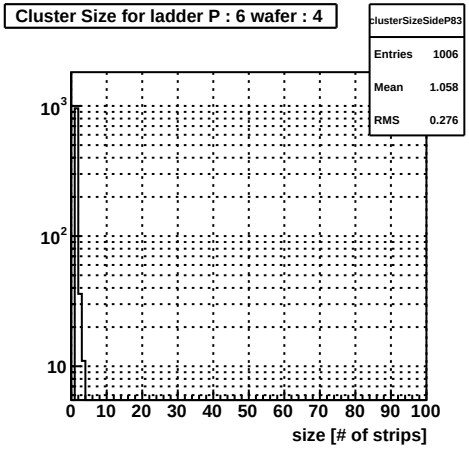

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1600
Mean 1.041
RMS 0.2127
size [# of strips]

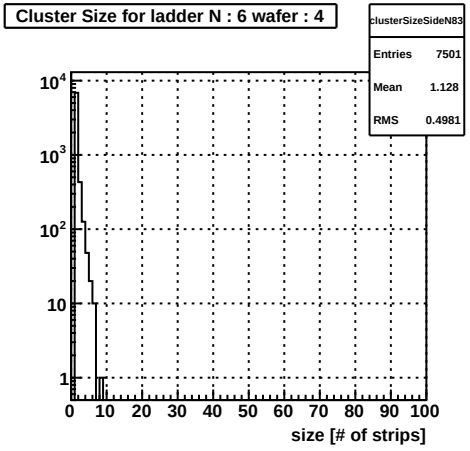

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4304
Mean 1.121
RMS 0.4547
size [# of strips]

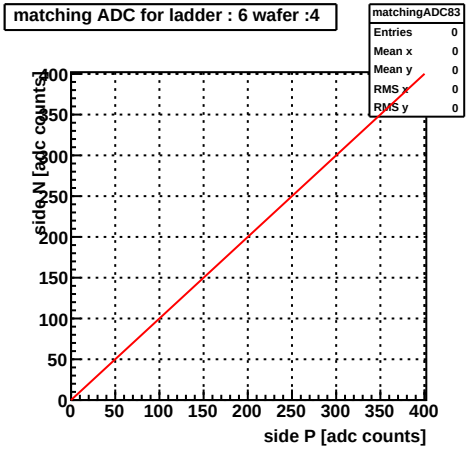

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 107
Mean x 84.22
Mean y 55.08
RMS x 52.57
RMS y 34.01
side N [adc counts]
side P [adc counts]

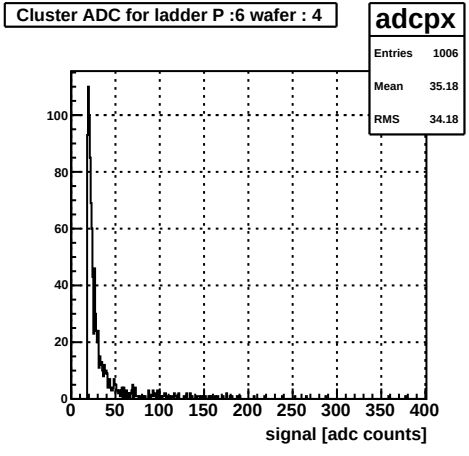

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1600
Mean 28.53
RMS 26.49
signal [adc counts]

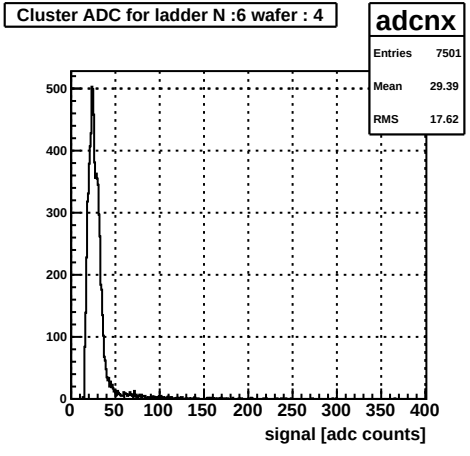

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4304
Mean 27.29
RMS 29.34
signal [adc counts]

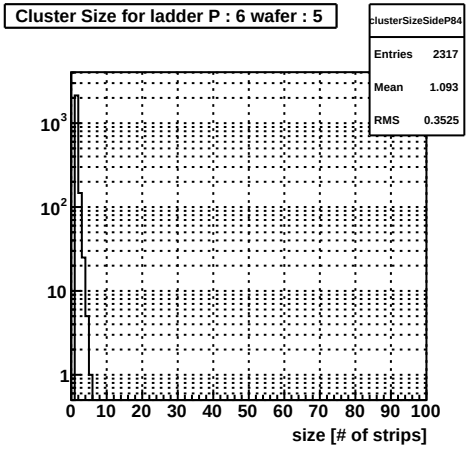

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1006
Mean 1.058
RMS 0.276
size [# of strips]

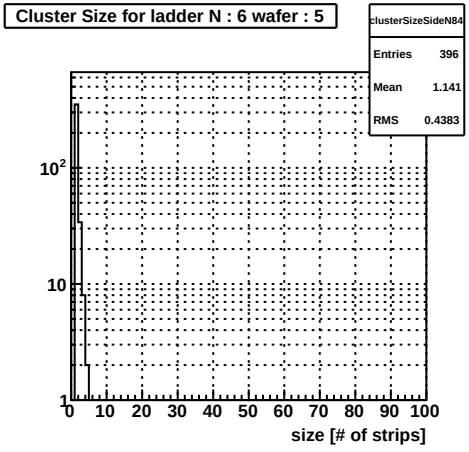

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 7501
Mean 1.128
RMS 0.4981
size [# of strips]

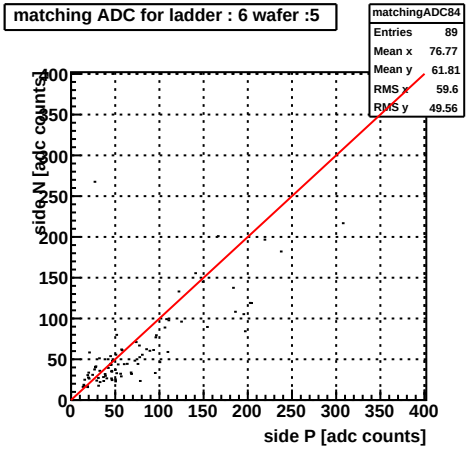

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

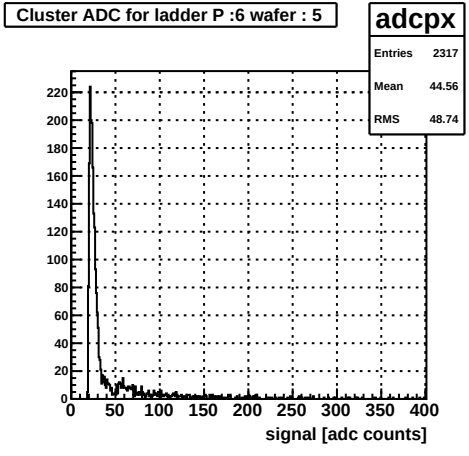

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1006
Mean 35.18
RMS 34.18
signal [adc counts]

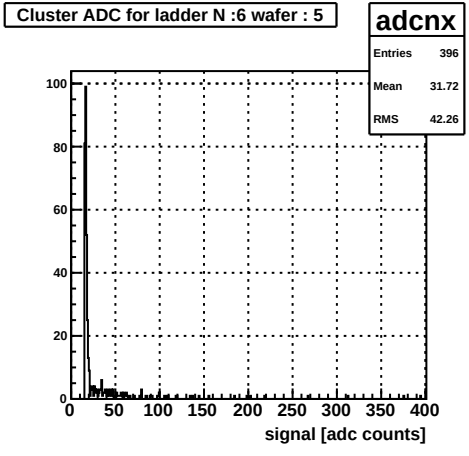

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 7501
Mean 29.39
RMS 17.62
signal [adc counts]

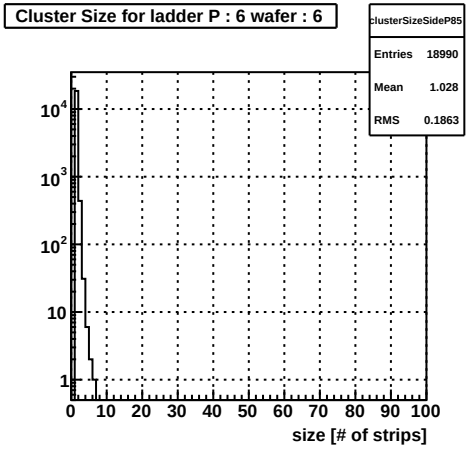

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2317
Mean 1.093
RMS 0.3525
size [# of strips]

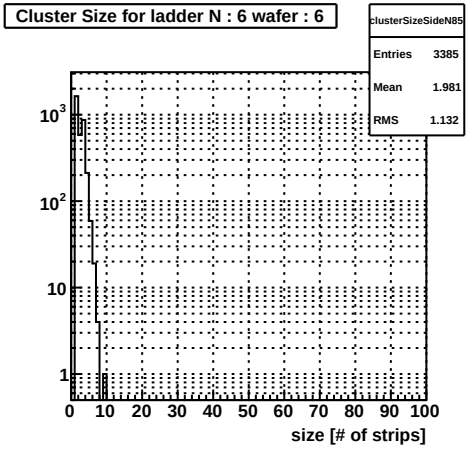

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 396
Mean 1.141
RMS 0.4383
size [# of strips]

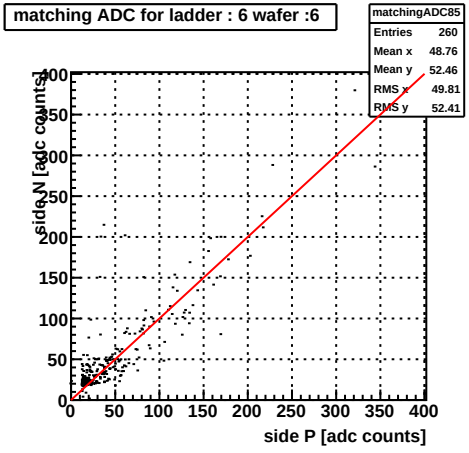

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 89
Mean x 76.77
Mean y 61.81
RMS x 59.6
RMS y 49.56
side N [adc counts]
side P [adc counts]

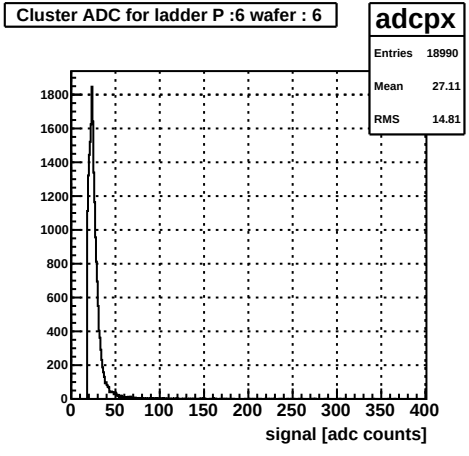

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2317
Mean 44.56
RMS 48.74
signal [adc counts]

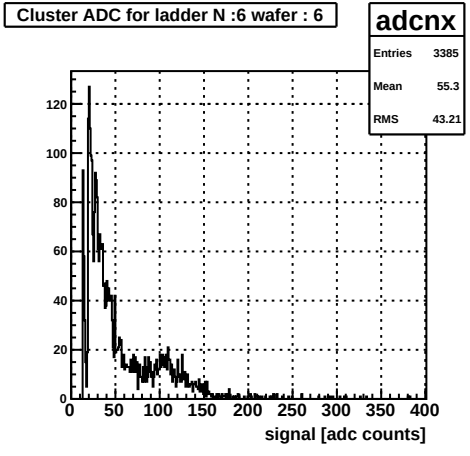

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 396
Mean 31.72
RMS 42.26
signal [adc counts]

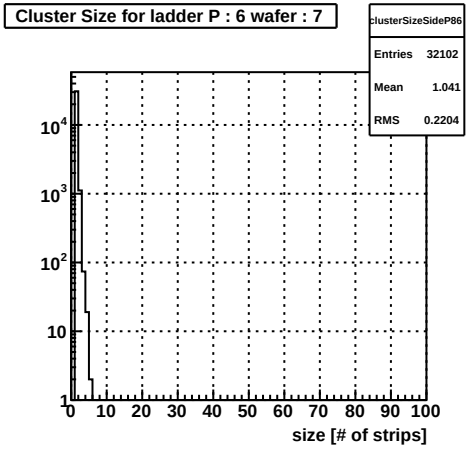

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18990
Mean 1.028
RMS 0.1863
size [# of strips]

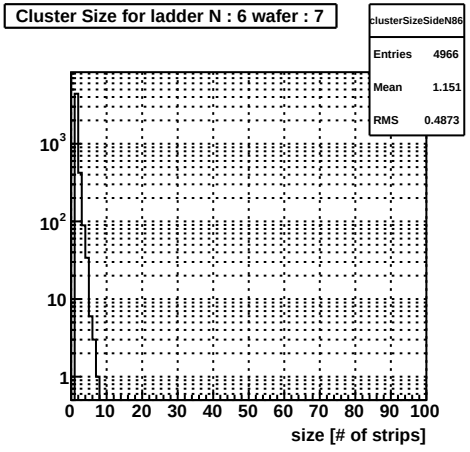

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3385
Mean 1.981
RMS 1.132
size [# of strips]

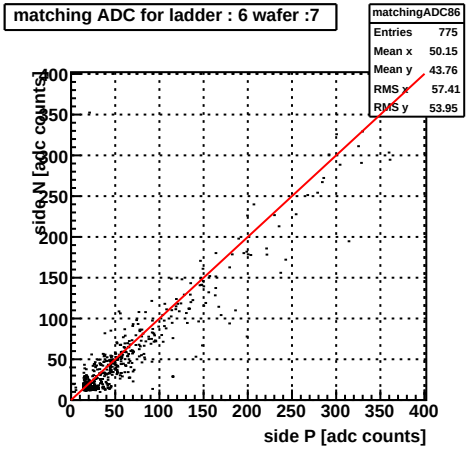

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 260
Mean x 48.76
Mean y 52.46
RMS x 49.81
RMS y 52.41
side N [adc counts]
side P [adc counts]

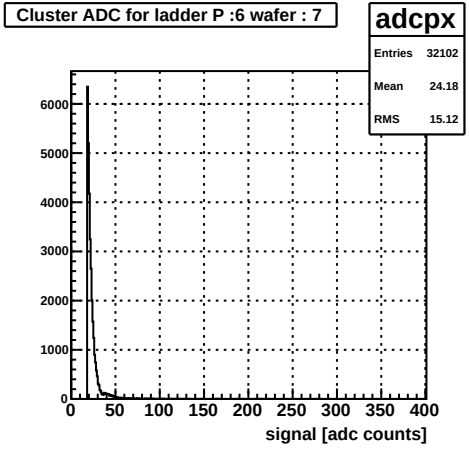

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18990
Mean 27.11
RMS 14.81
signal [adc counts]

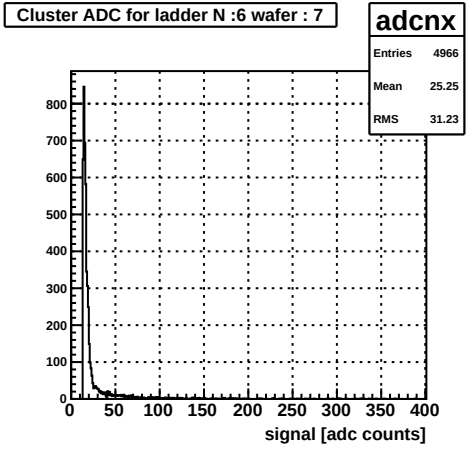

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3385
Mean 55.3
RMS 43.21
signal [adc counts]

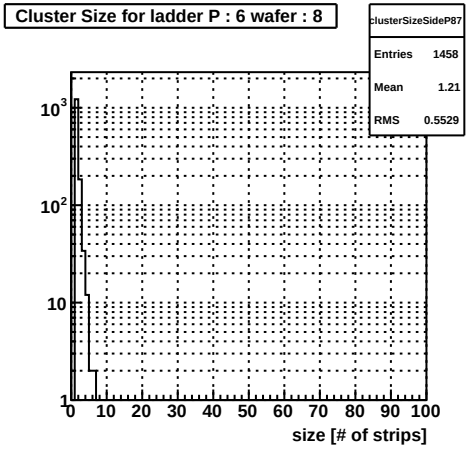

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 32102
Mean 1.041
RMS 0.2204
size [# of strips]

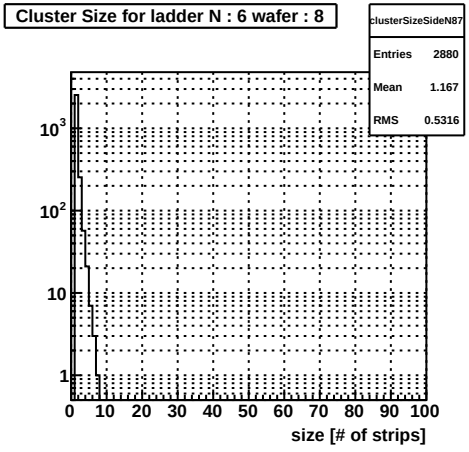

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4966
Mean 1.151
RMS 0.4873
size [# of strips]

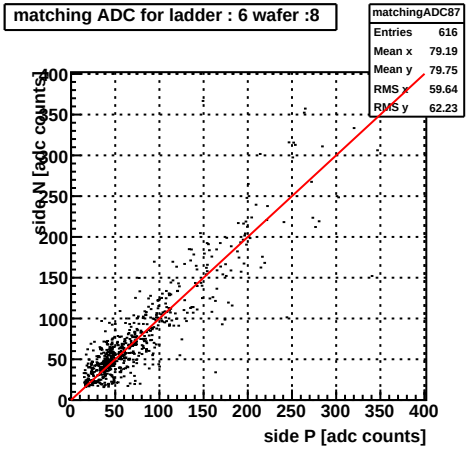

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 775
Mean x 50.15
Mean y 43.76
RMS x 57.41
RMS y 53.95
side N [adc counts]
side P [adc counts]

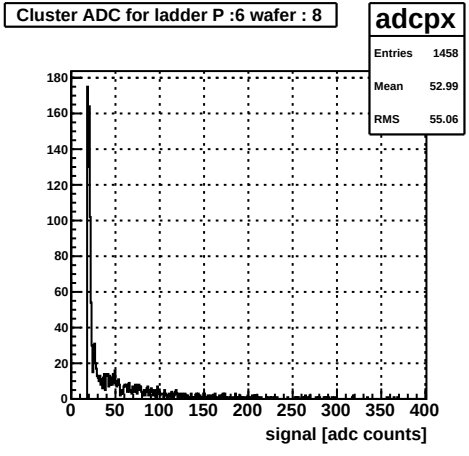

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 32102
Mean 24.18
RMS 15.12
signal [adc counts]

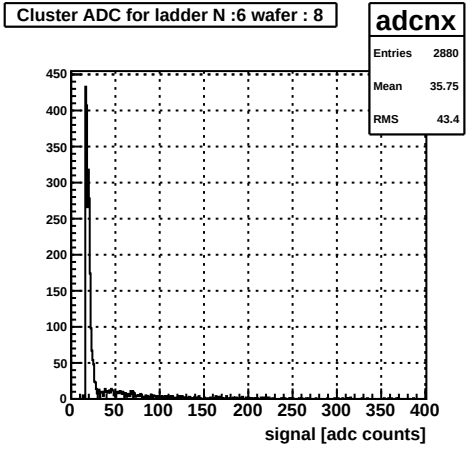

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4966
Mean 25.25
RMS 31.23
signal [adc counts]

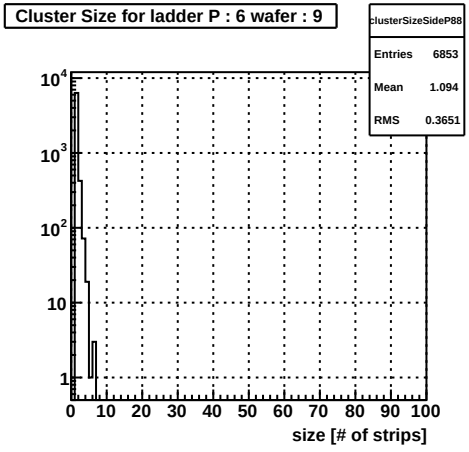

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1458
Mean 1.21
RMS 0.5529
size [# of strips]

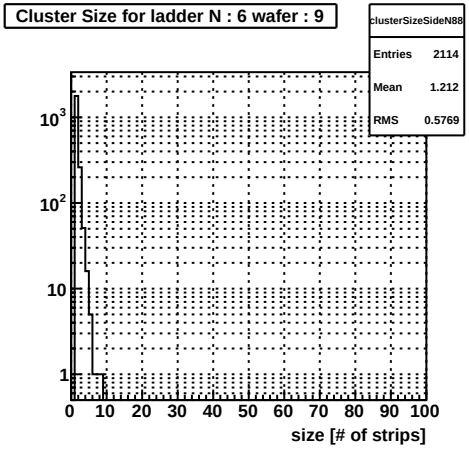

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2880
Mean 1.167
RMS 0.5316
size [# of strips]

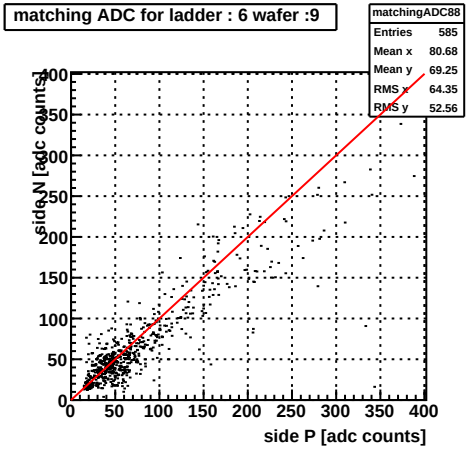

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 616
Mean x 79.19
Mean y 79.75
RMS x 59.64
RMS y 62.23
side N [adc counts]
side P [adc counts]

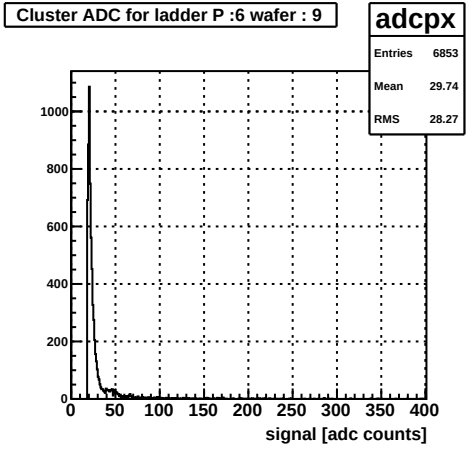

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1458
Mean 52.99
RMS 55.06
signal [adc counts]

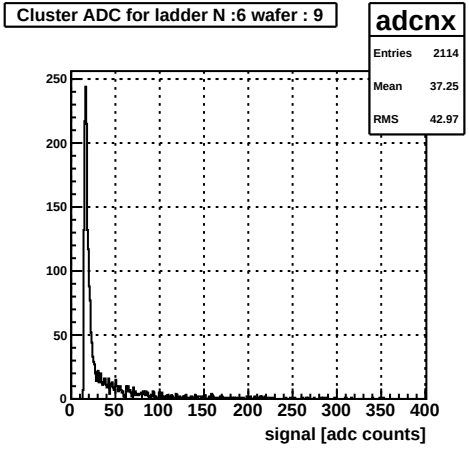

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2880
Mean 35.75
RMS 43.4
signal [adc counts]

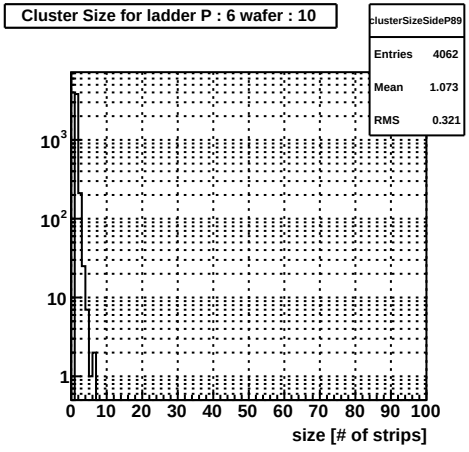

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6853
Mean 1.094
RMS 0.3651
size [# of strips]

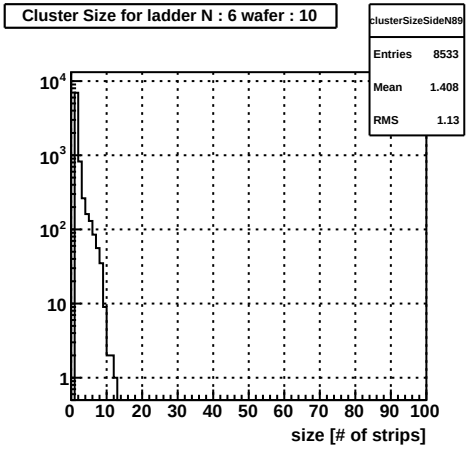

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2114
Mean 1.212
RMS 0.5769
size [# of strips]

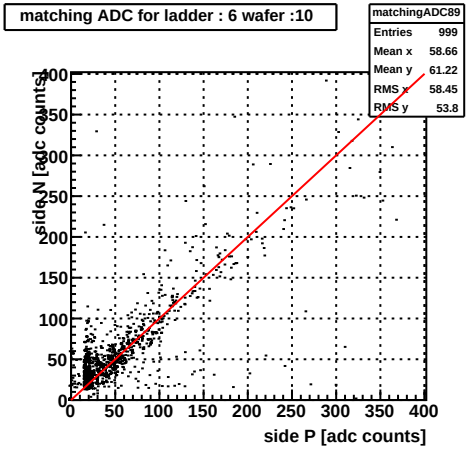

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 585
Mean x 80.68
Mean y 69.25
RMS x 64.35
RMS y 52.56
side N [adc counts]
side P [adc counts]

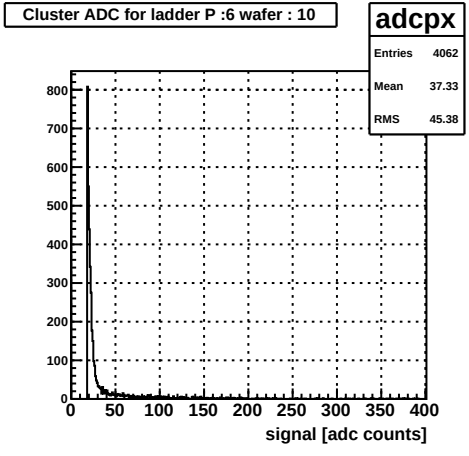

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6853
Mean 29.74
RMS 28.27
signal [adc counts]

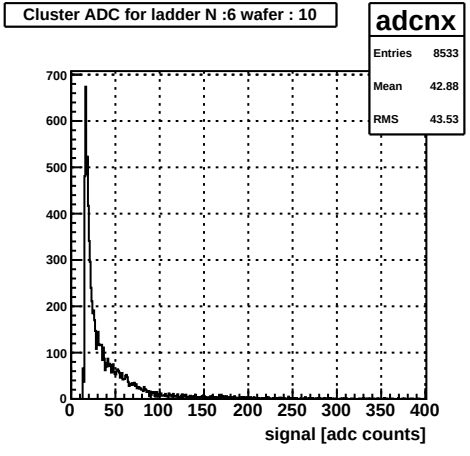

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2114
Mean 37.25
RMS 42.97
signal [adc counts]

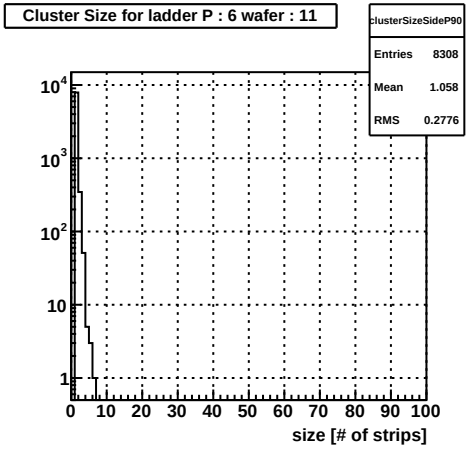

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4062
Mean 1.073
RMS 0.321
size [# of strips]

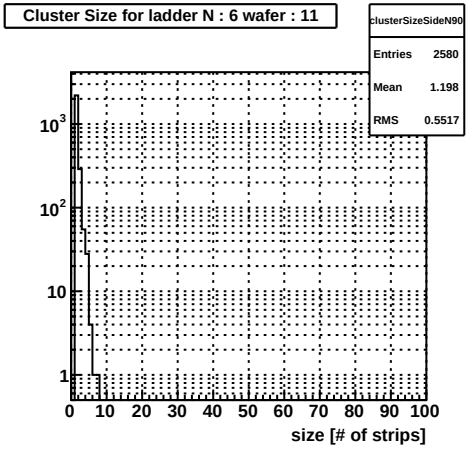

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 8533
Mean 1.408
RMS 1.13
size [# of strips]

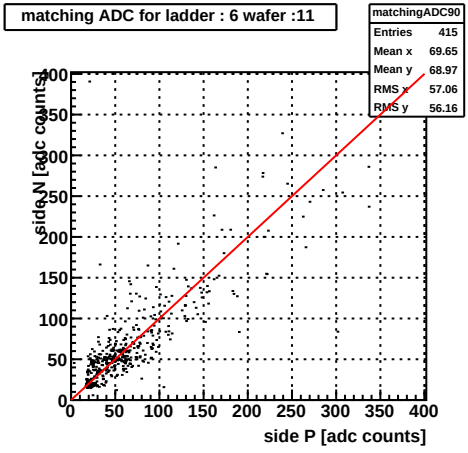

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 999
Mean x 58.66
Mean y 61.22
RMS x 58.45
RMS y 53.8
side N [adc counts]
side P [adc counts]

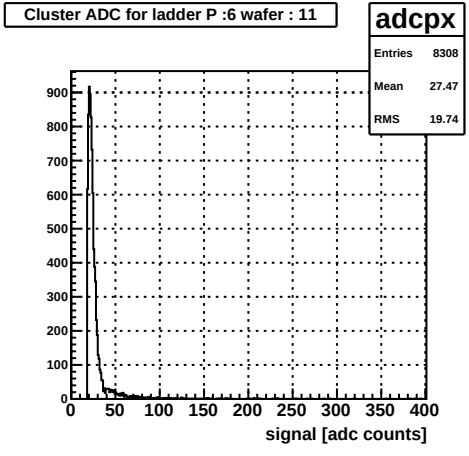

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4062
Mean 37.33
RMS 45.38
signal [adc counts]

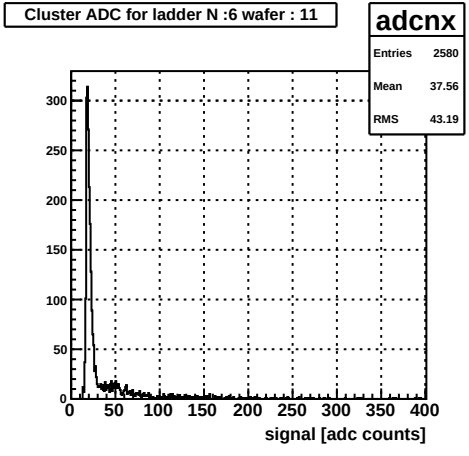

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 8533
Mean 42.88
RMS 43.53
signal [adc counts]

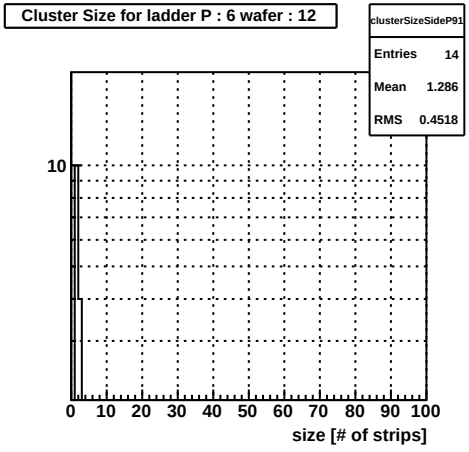

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 8308
Mean 1.058
RMS 0.2776
size [# of strips]

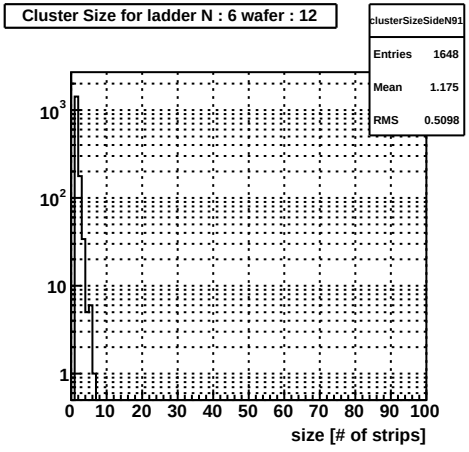

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2580
Mean 1.198
RMS 0.5517
size [# of strips]

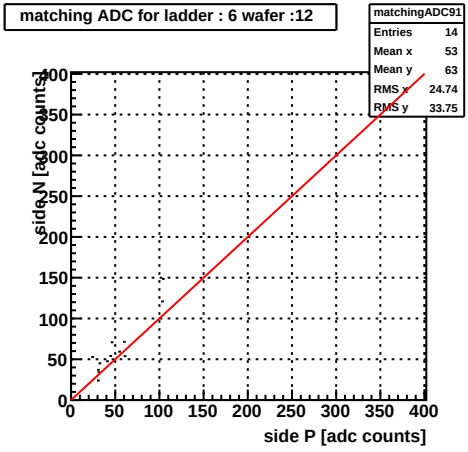

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 415
Mean x 69.65
Mean y 68.97
RMS x 57.06
RMS y 56.16
side N [adc counts]
side P [adc counts]

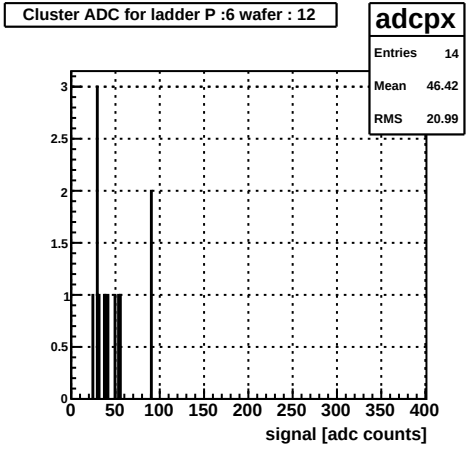

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 8308
Mean 27.47
RMS 19.74
signal [adc counts]

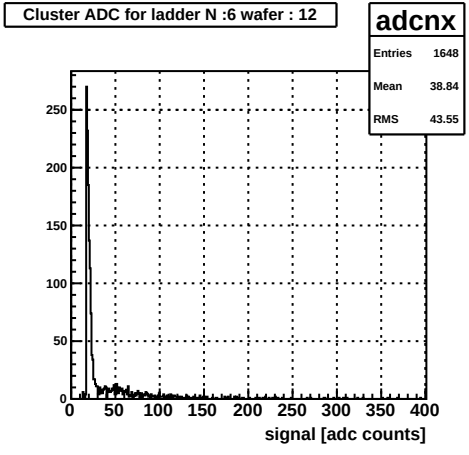

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2580
Mean 37.56
RMS 43.19
signal [adc counts]

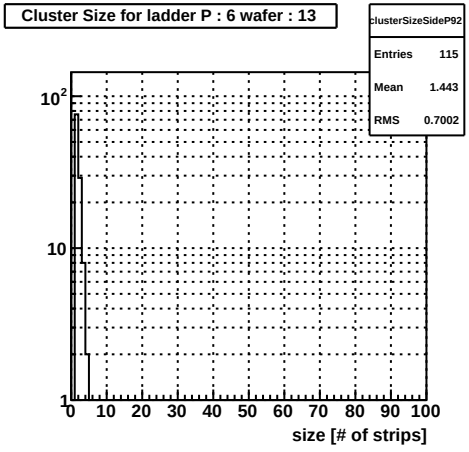

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 14
Mean 1.286
RMS 0.4518
size [# of strips]

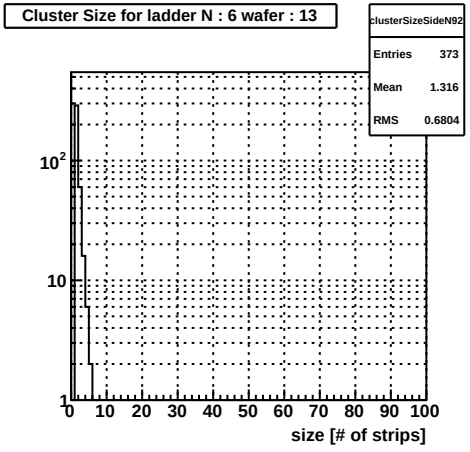

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1648
Mean 1.175
RMS 0.5098
size [# of strips]

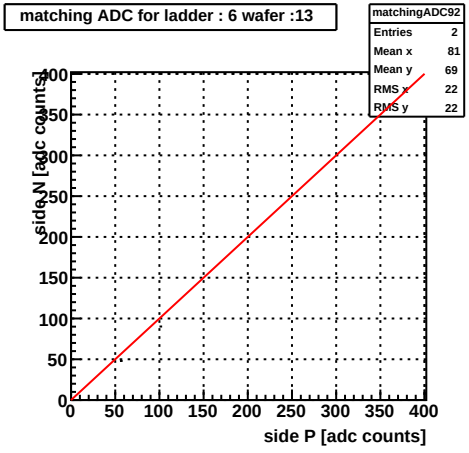

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 14
Mean x 53
Mean y 63
RMS x 24.74
RMS y 33.75
side N [adc counts]
side P [adc counts]

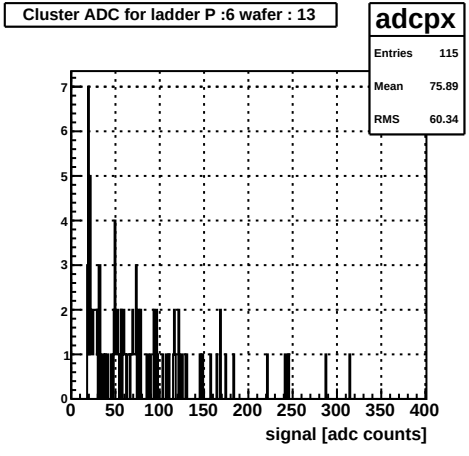

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 14
Mean 46.42
RMS 20.99
signal [adc counts]

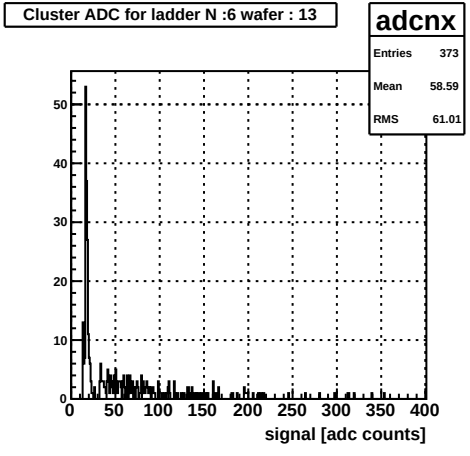

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1648
Mean 38.84
RMS 43.55
signal [adc counts]

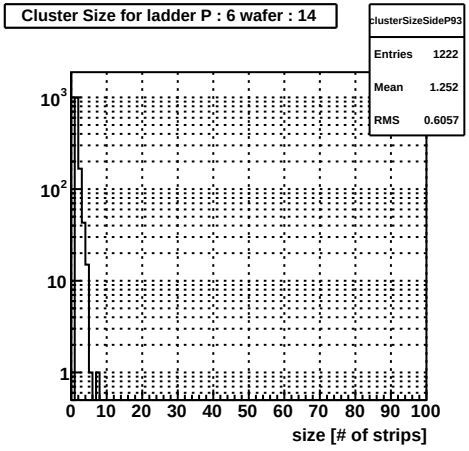

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 115
Mean 1.443
RMS 0.7002
size [# of strips]

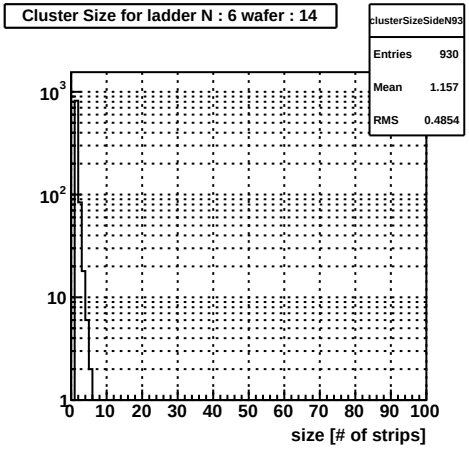

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 373
Mean 1.316
RMS 0.6804
size [# of strips]

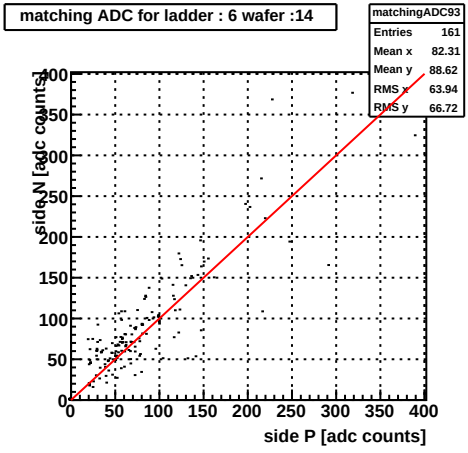

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 81
Mean y 69
RMS x 22
RMS y 22
side N [adc counts]
side P [adc counts]

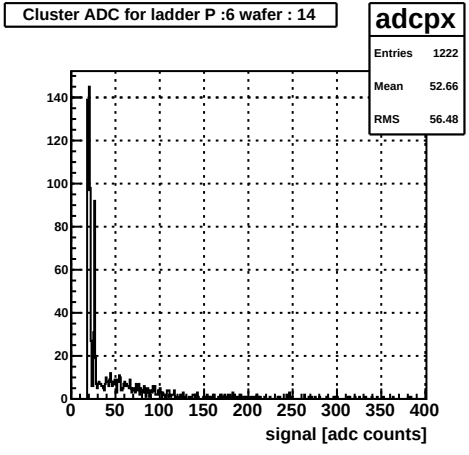

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 115
Mean 75.89
RMS 60.34
signal [adc counts]

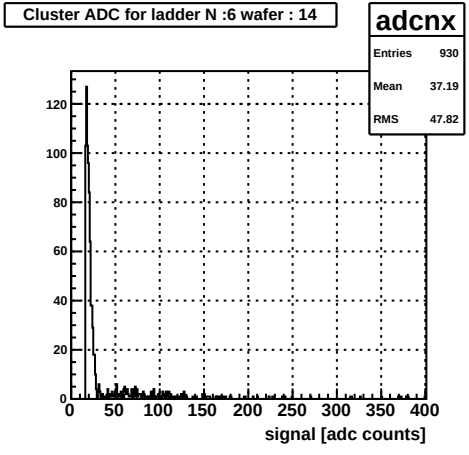

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 373
Mean 58.59
RMS 61.01
signal [adc counts]

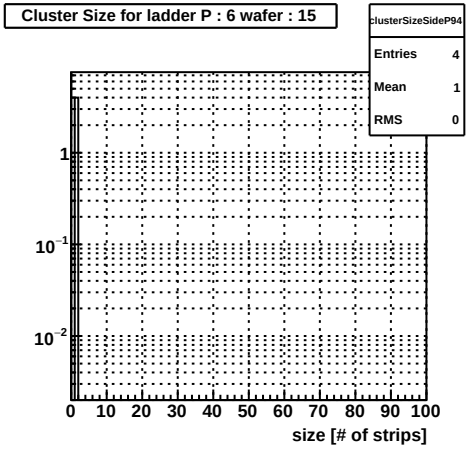

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1222
Mean 1.252
RMS 0.6057
size [# of strips]

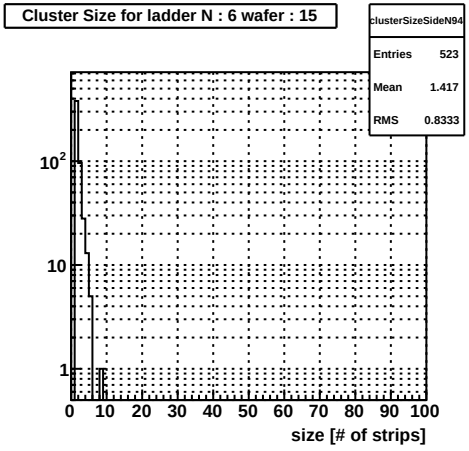

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 930
Mean 1.157
RMS 0.4854
size [# of strips]

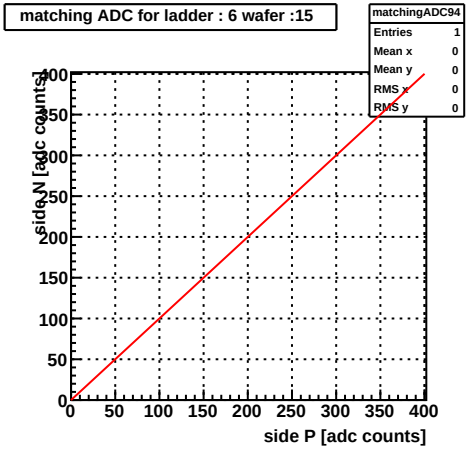

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 161
Mean x 82.31
Mean y 88.62
RMS x 63.94
RMS y 66.72
side N [adc counts]
side P [adc counts]

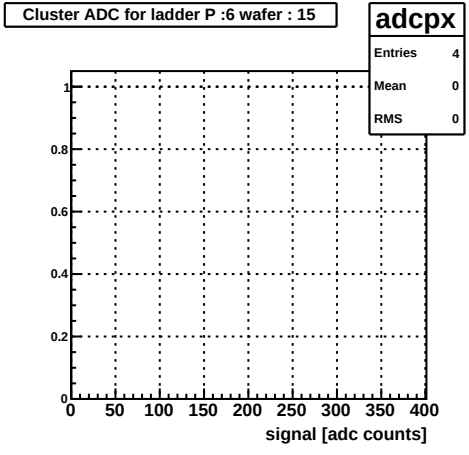

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1222
Mean 52.66
RMS 56.48
signal [adc counts]

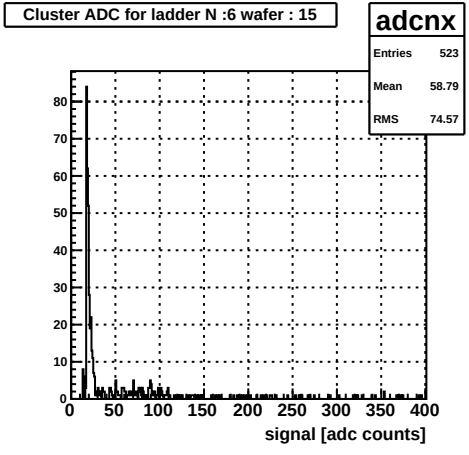

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 930
Mean 37.19
RMS 47.82
signal [adc counts]

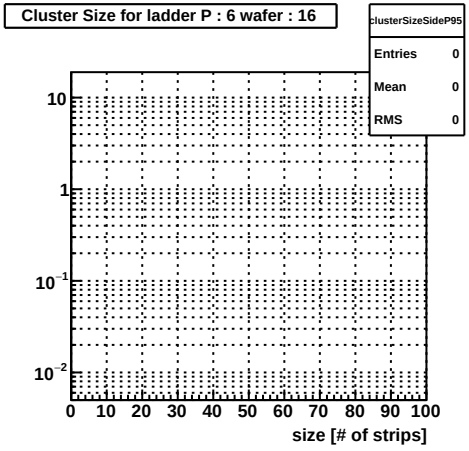

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 4
Mean 1
RMS 0
size [# of strips]

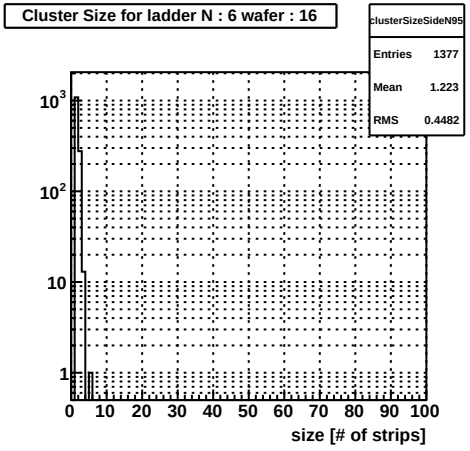

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 523
Mean 1.417
RMS 0.8333
size [# of strips]

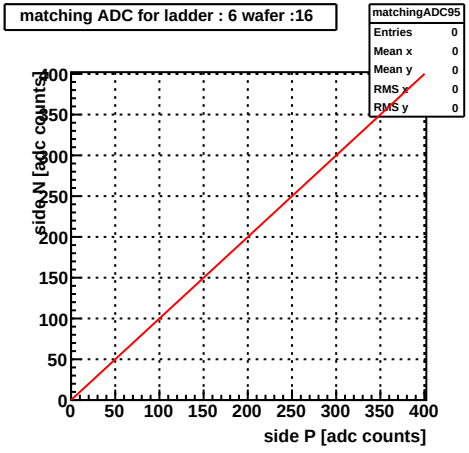

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

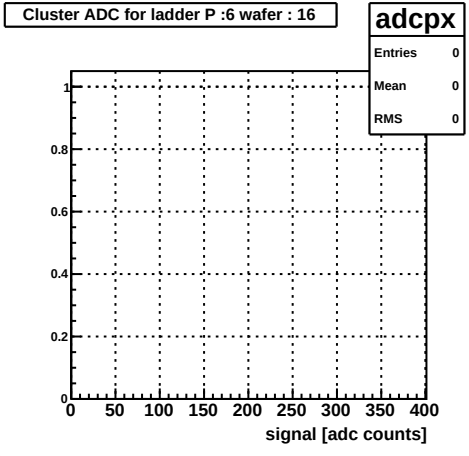

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

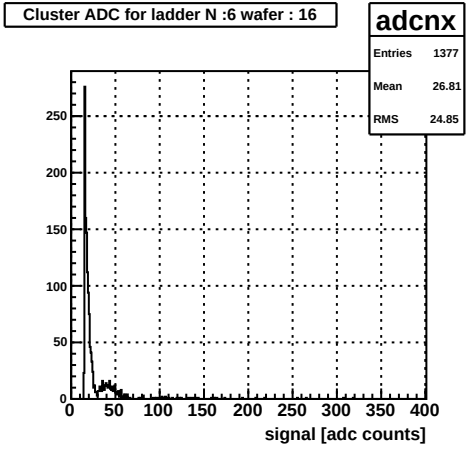

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 523
Mean 58.79
RMS 74.57
signal [adc counts]

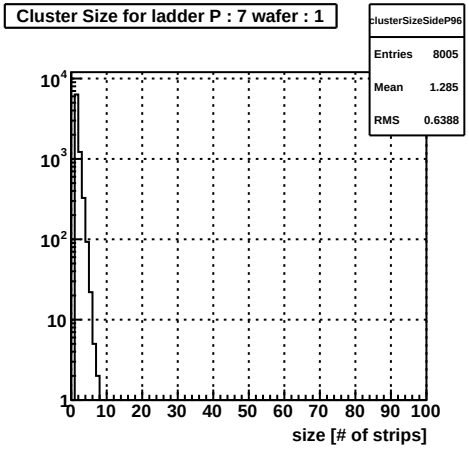

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

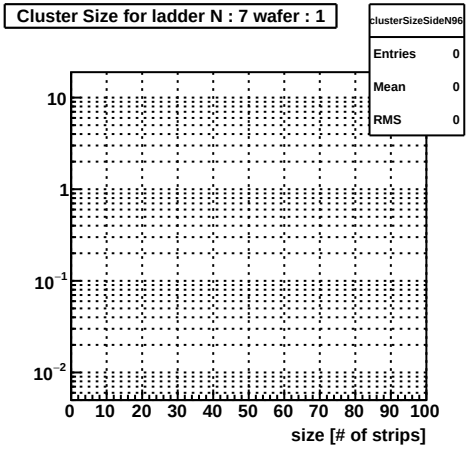

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1377
Mean 1.223
RMS 0.4482
size [# of strips]

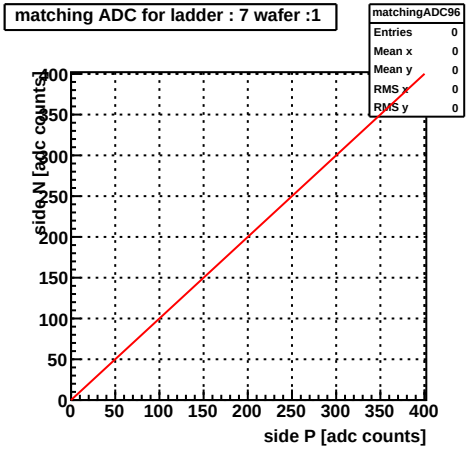

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

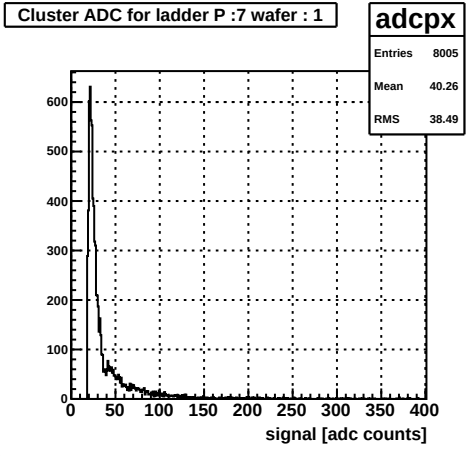

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

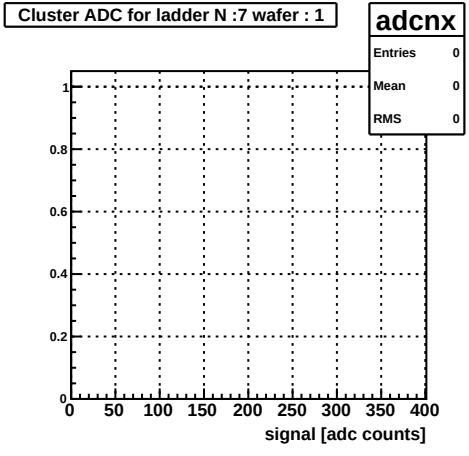

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1377
Mean 26.81
RMS 24.85
signal [adc counts]

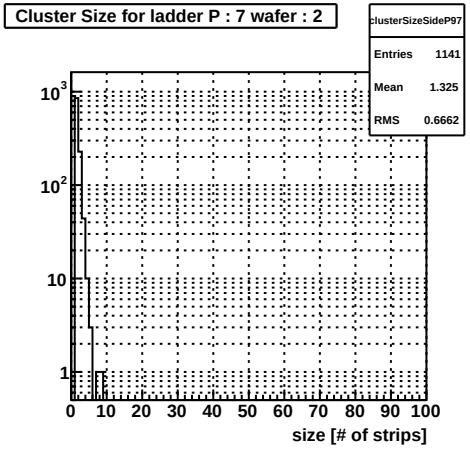

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8005
Mean 1.285
RMS 0.6388
size [# of strips]

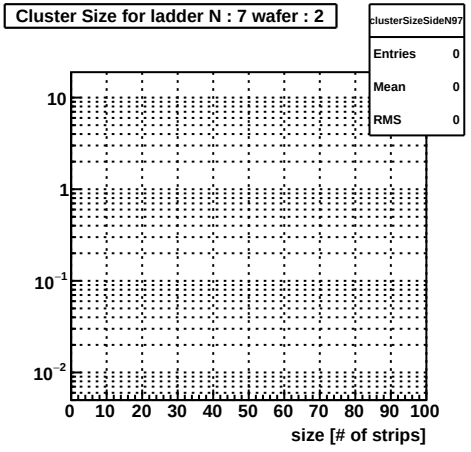

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

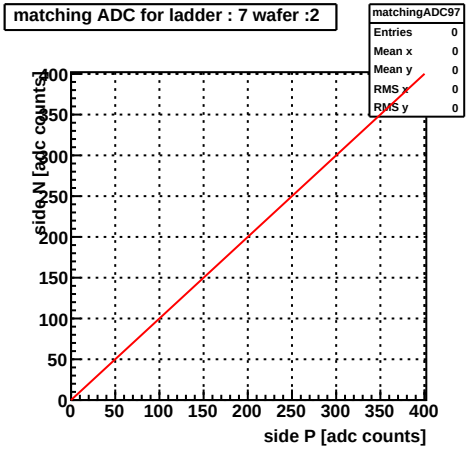

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

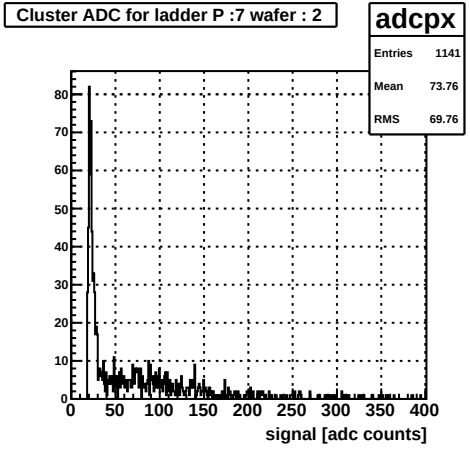

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8005
Mean 40.26
RMS 38.49
signal [adc counts]

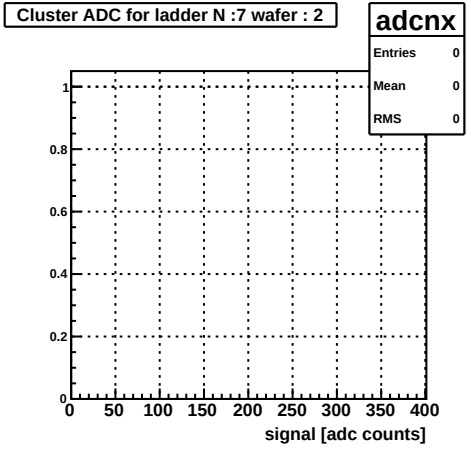

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

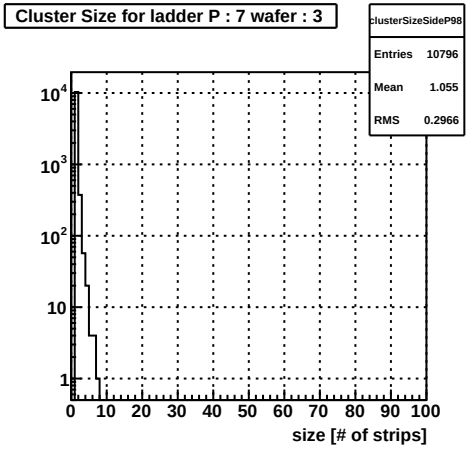

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1141
Mean 1.325
RMS 0.6662
size [# of strips]

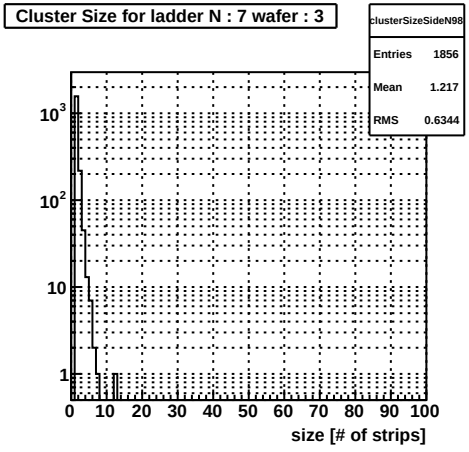

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

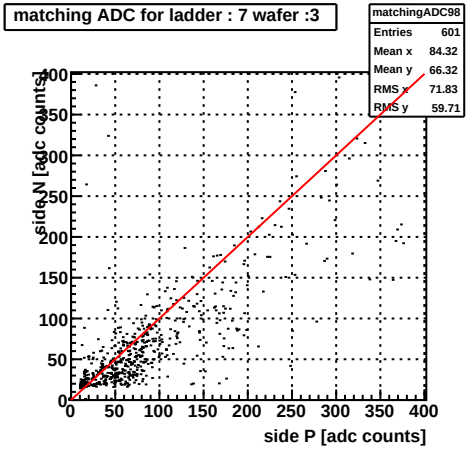

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

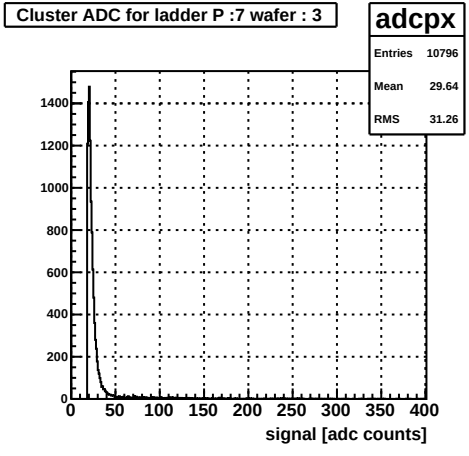

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1141
Mean 73.76
RMS 69.76
signal [adc counts]

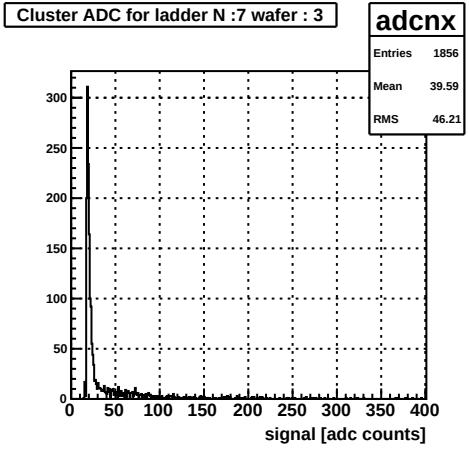

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

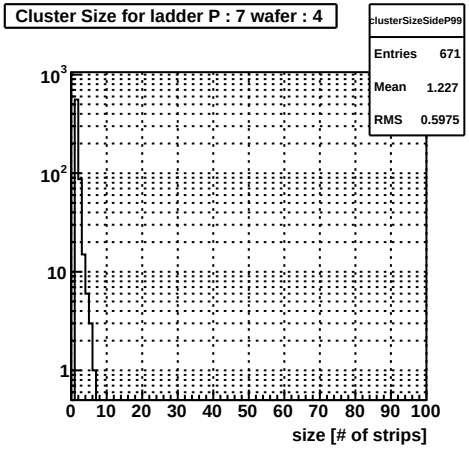

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 10796
Mean 1.055
RMS 0.2966
size [# of strips]

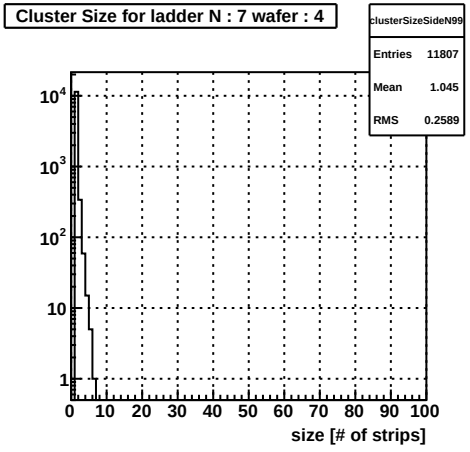

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1856
Mean 1.217
RMS 0.6344
size [# of strips]

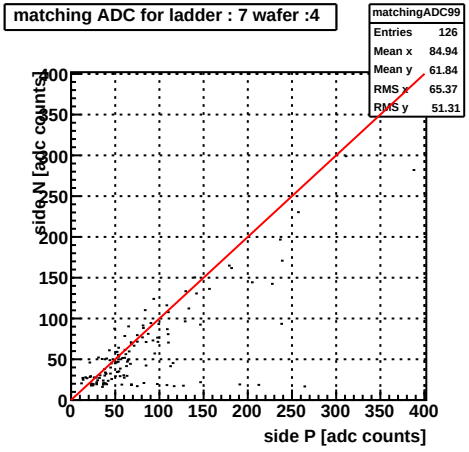

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 601
Mean x 84.32
Mean y 66.32
RMS x 71.83
RMS y 59.71
side N [adc counts]
side P [adc counts]

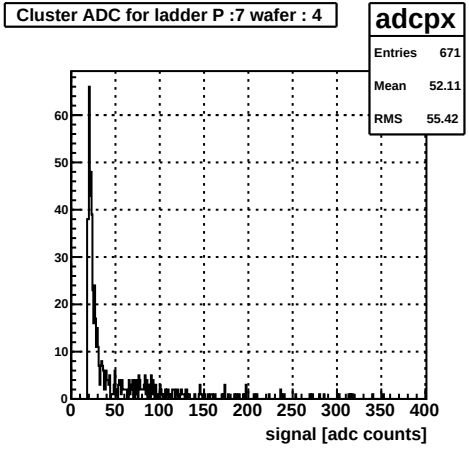

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 10796
Mean 29.64
RMS 31.26
signal [adc counts]

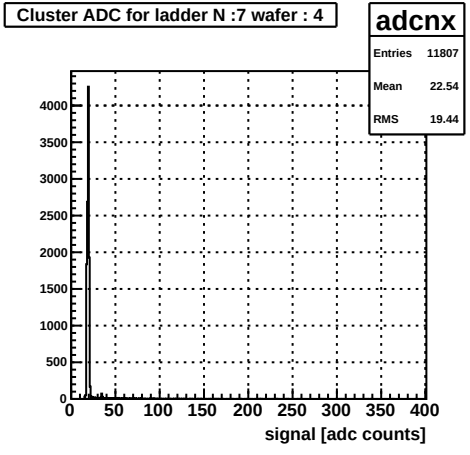

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1856
Mean 39.59
RMS 46.21
signal [adc counts]

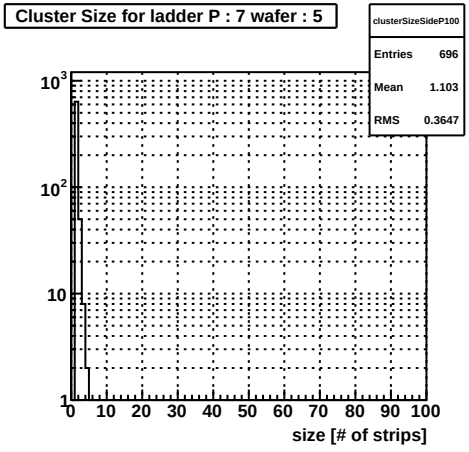

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 671
Mean 1.227
RMS 0.5975
size [# of strips]

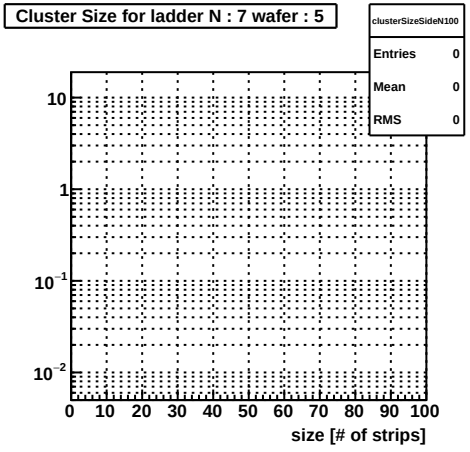

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 11807
Mean 1.045
RMS 0.2589
size [# of strips]

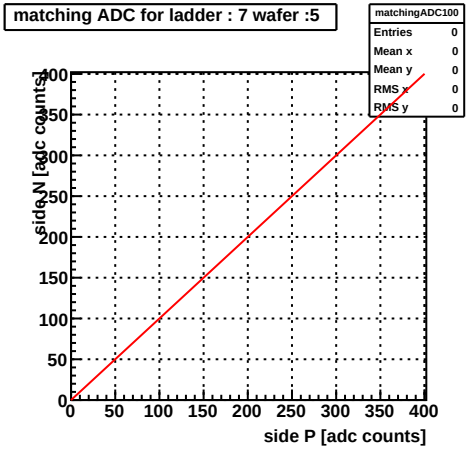

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 126
Mean x 84.94
Mean y 61.84
RMS x 65.37
RMS y 51.31
side N [adc counts]
side P [adc counts]

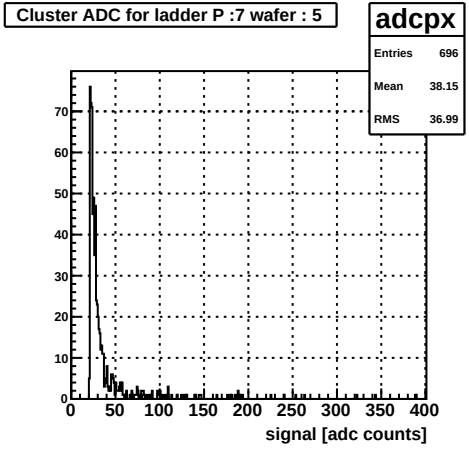

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 671
Mean 52.11
RMS 55.42
signal [adc counts]

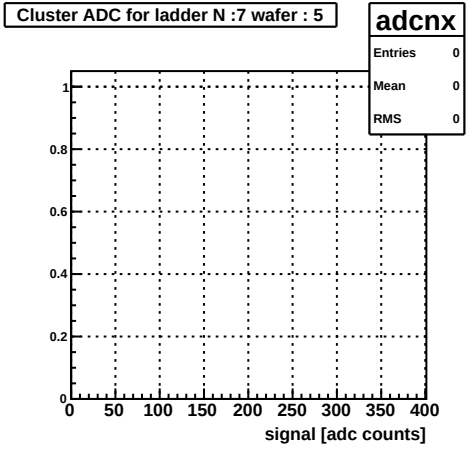

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 11807
Mean 22.54
RMS 19.44
signal [adc counts]

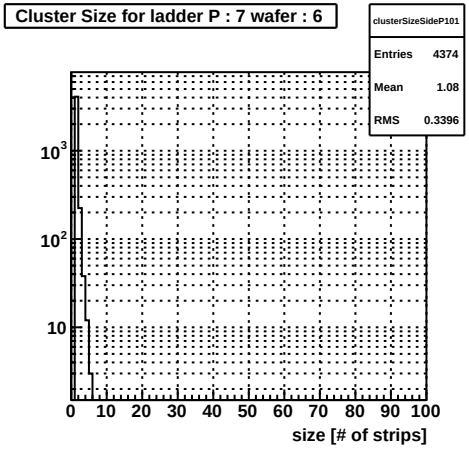

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 696
Mean 1.103
RMS 0.3647
size [# of strips]

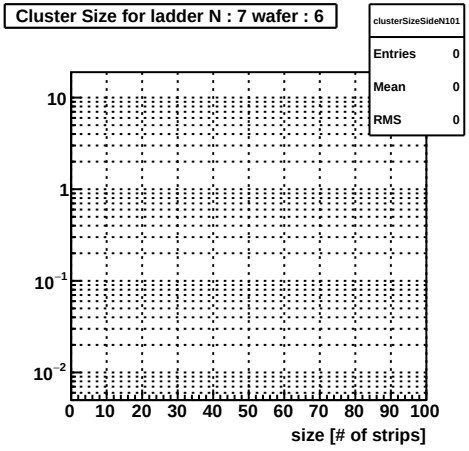

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

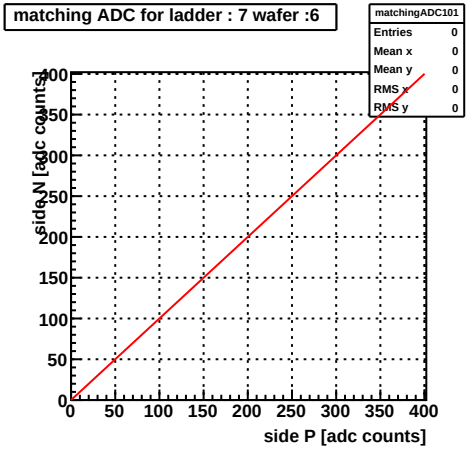

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

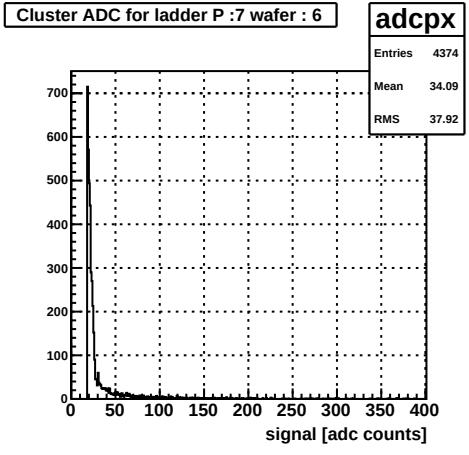

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 696
Mean 38.15
RMS 36.99
signal [adc counts]

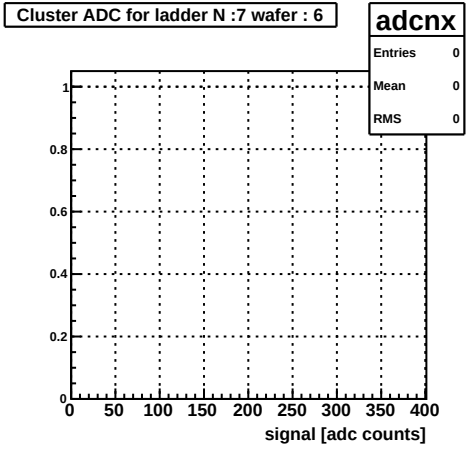

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

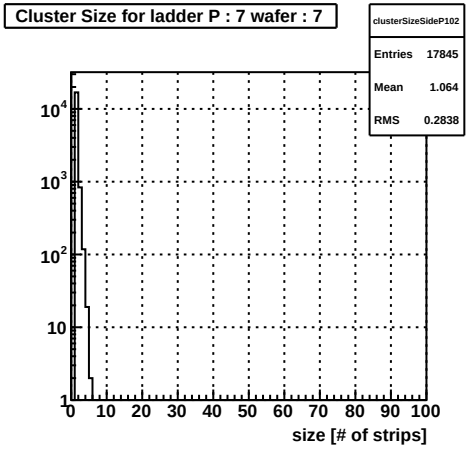

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4374
Mean 1.08
RMS 0.3396
size [# of strips]

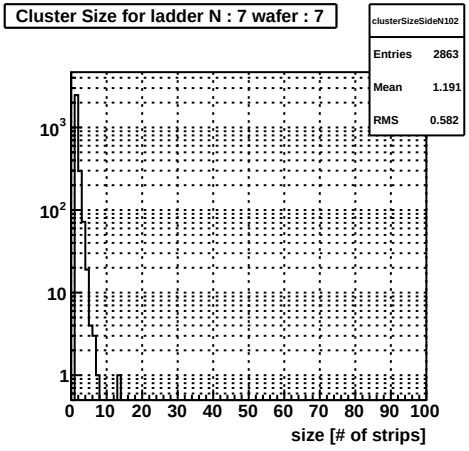

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

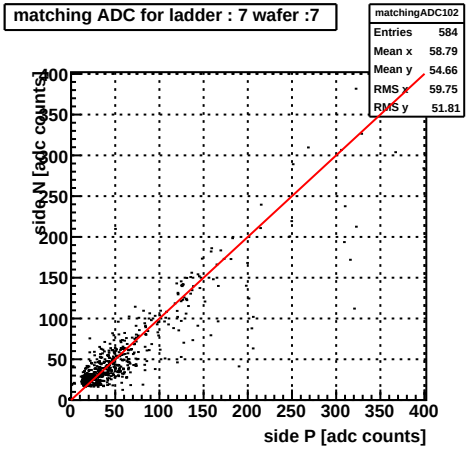

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

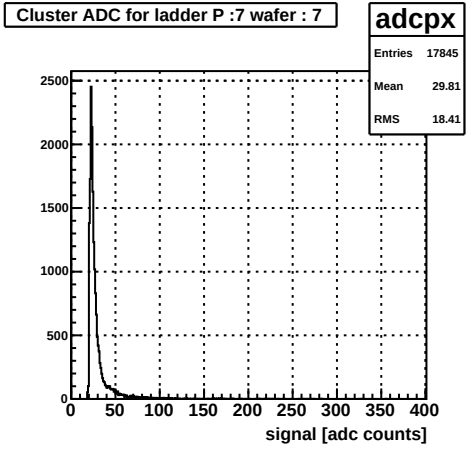

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4374
Mean 34.09
RMS 37.92
signal [adc counts]

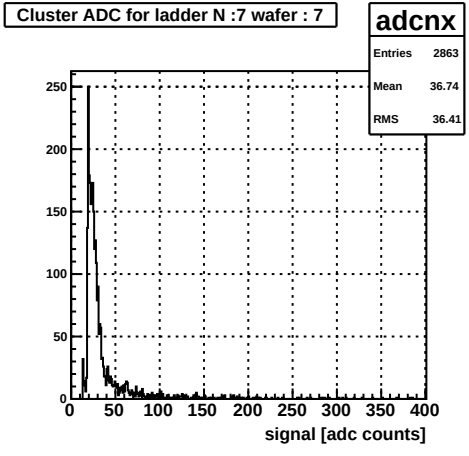

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

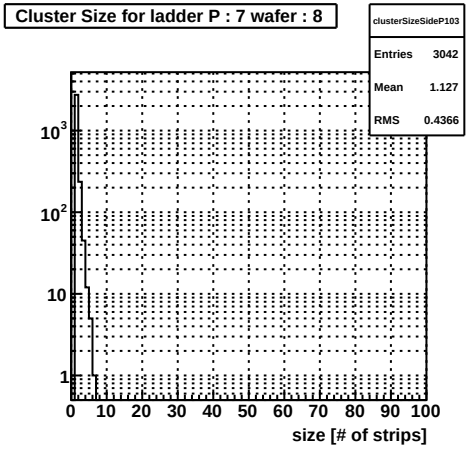

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 17845
Mean 1.064
RMS 0.2838
size [# of strips]

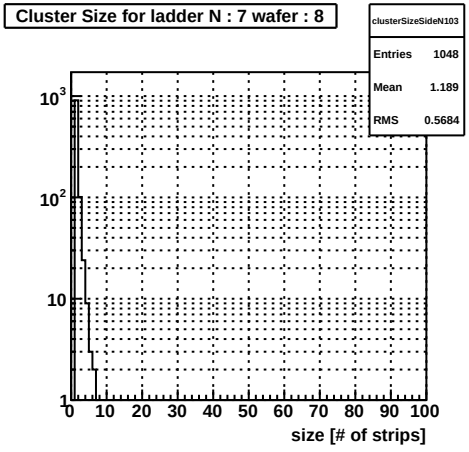

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2863
Mean 1.191
RMS 0.582
size [# of strips]

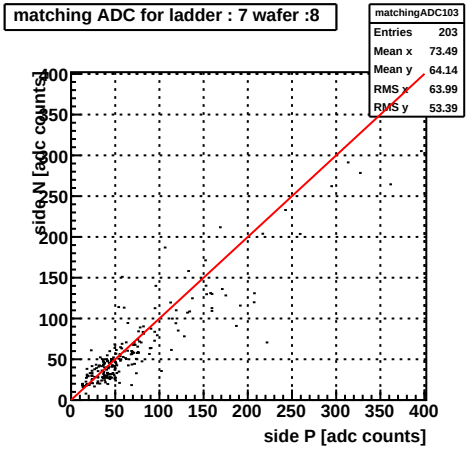

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 584
Mean x 58.79
Mean y 54.66
RMS x 59.75
RMS y 51.81
side N [adc counts]
side P [adc counts]

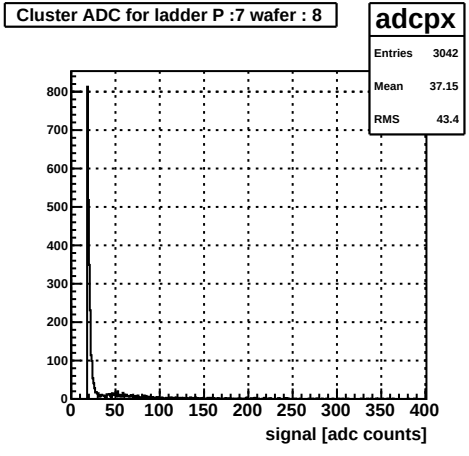

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 17845
Mean 29.81
RMS 18.41
signal [adc counts]

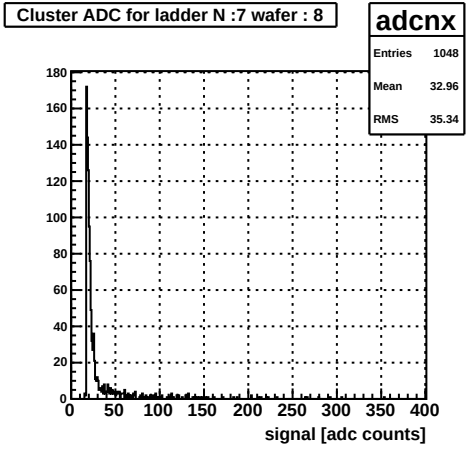

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2863
Mean 36.74
RMS 36.41
signal [adc counts]

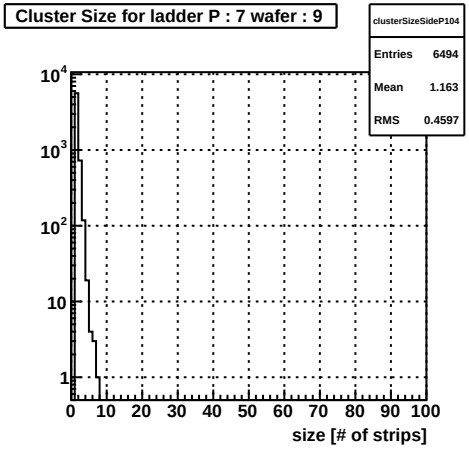

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3042
Mean 1.127
RMS 0.4366
size [# of strips]

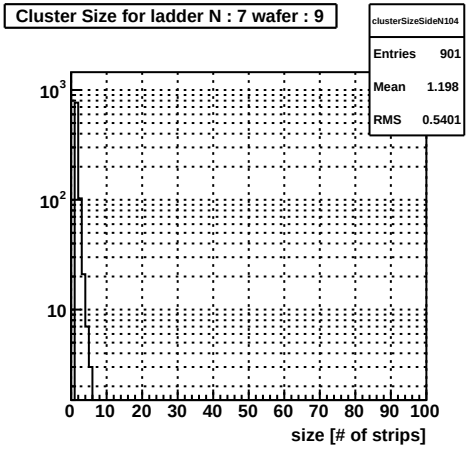

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1048
Mean 1.189
RMS 0.5684
size [# of strips]

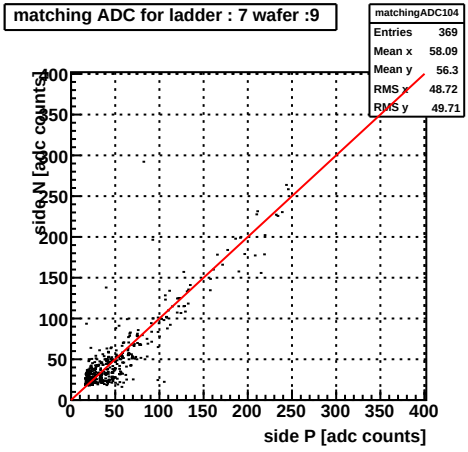

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 203
Mean x 73.49
Mean y 64.14
RMS x 63.99
RMS y 53.39
side N [adc counts]
side P [adc counts]

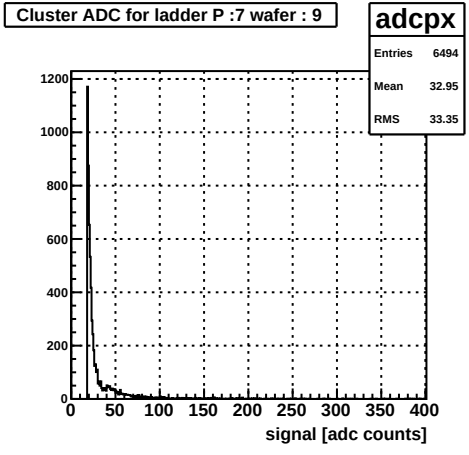

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3042
Mean 37.15
RMS 43.4
signal [adc counts]

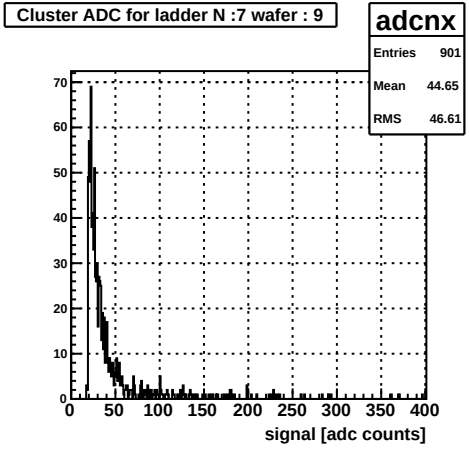

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1048
Mean 32.96
RMS 35.34
signal [adc counts]

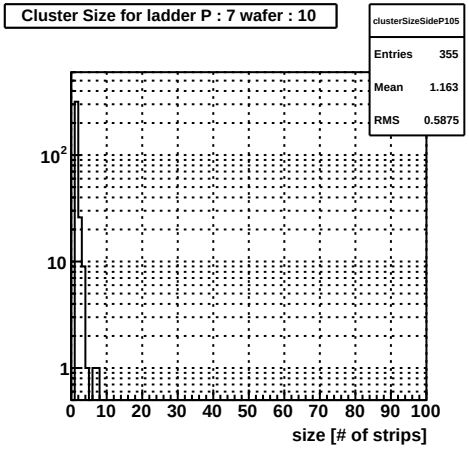

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6494
Mean 1.163
RMS 0.4597
size [# of strips]

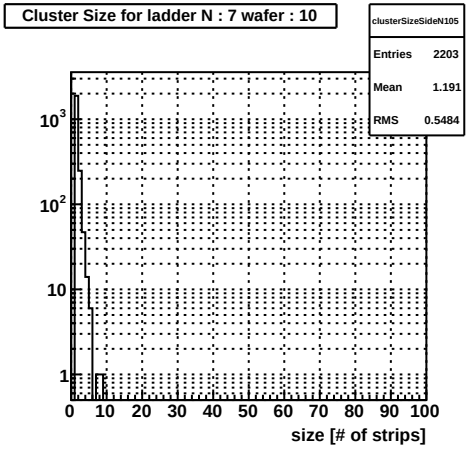

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 901
Mean 1.198
RMS 0.5401
size [# of strips]

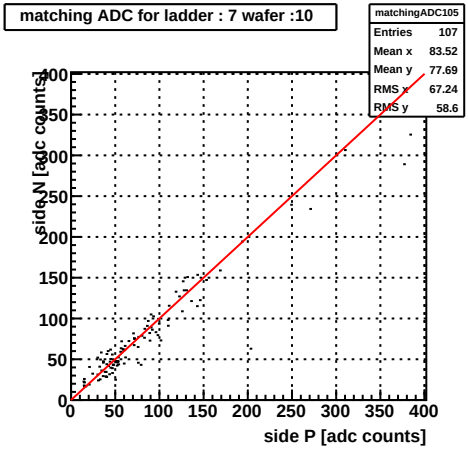

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 369
Mean x 58.09
Mean y 56.3
RMS x 48.72
RMS y 49.71
side N [adc counts]
side P [adc counts]

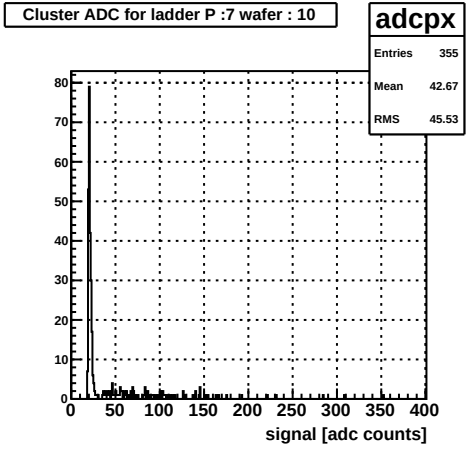

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6494
Mean 32.95
RMS 33.35
signal [adc counts]

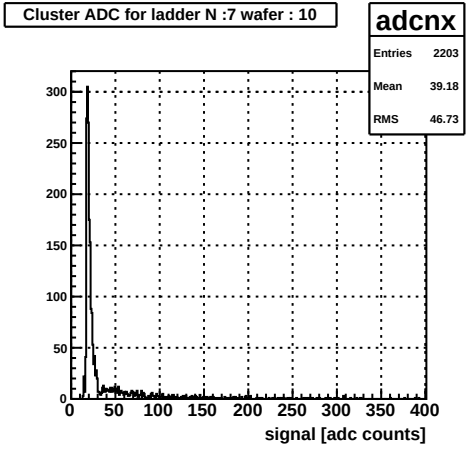

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 901
Mean 44.65
RMS 46.61
signal [adc counts]

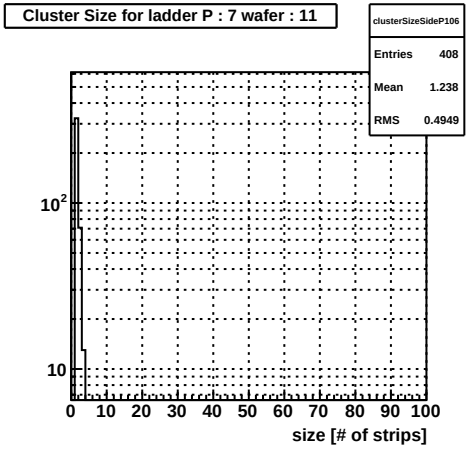

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 355
Mean 1.163
RMS 0.5875
size [# of strips]

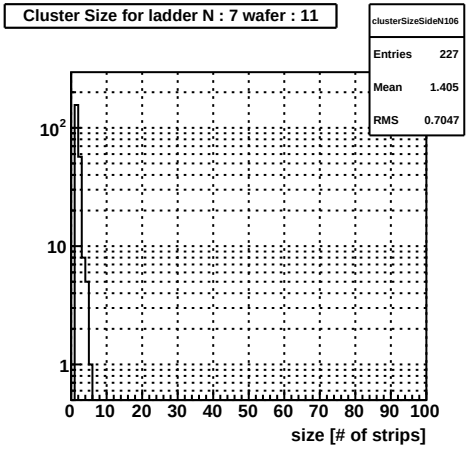

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2203
Mean 1.191
RMS 0.5484
size [# of strips]

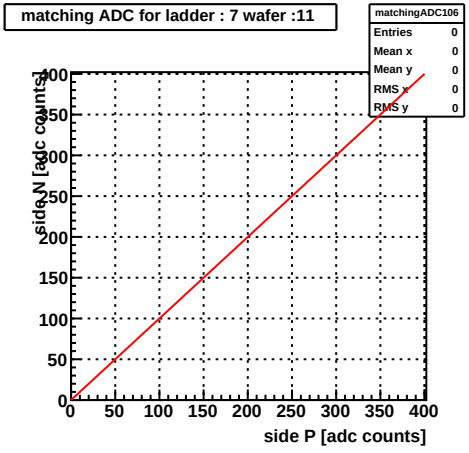

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 107
Mean x 83.52
Mean y 77.69
RMS x 67.24
RMS y 58.6
side N [adc counts]
side P [adc counts]

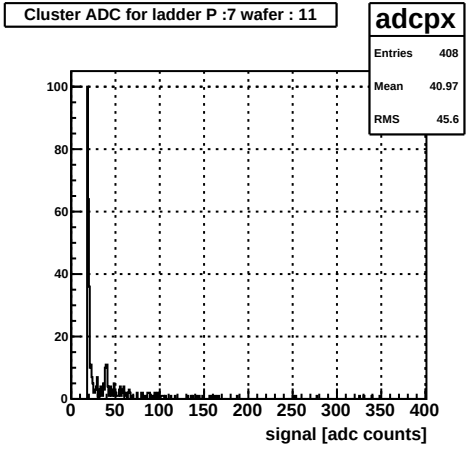

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 355
Mean 42.67
RMS 45.53
signal [adc counts]

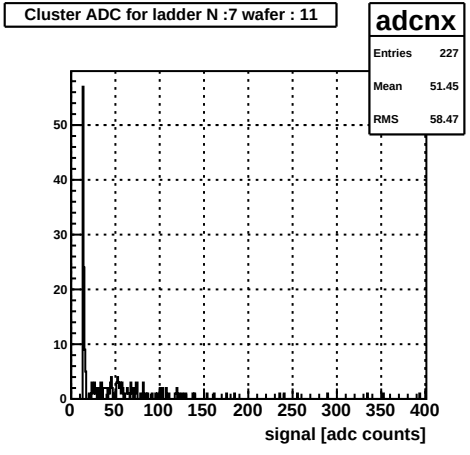

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2203
Mean 39.18
RMS 46.73
signal [adc counts]

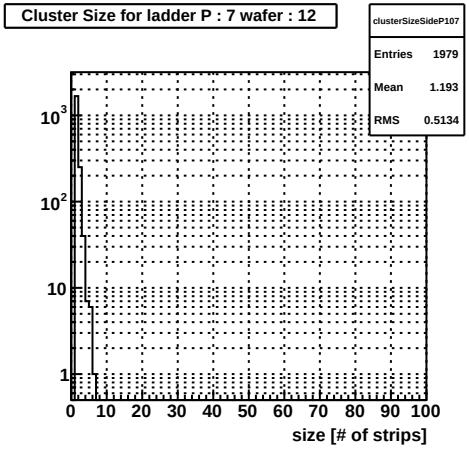

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 408
Mean 1.238
RMS 0.4949
size [# of strips]

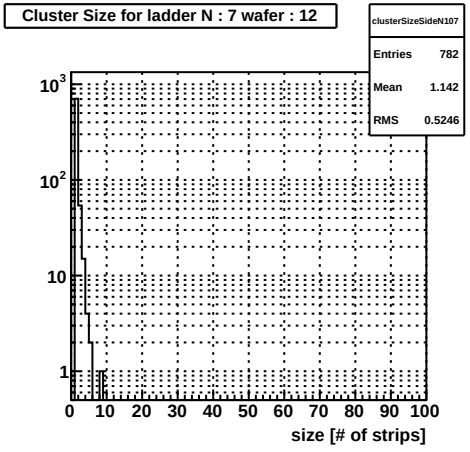

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 227
Mean 1.405
RMS 0.7047
size [# of strips]

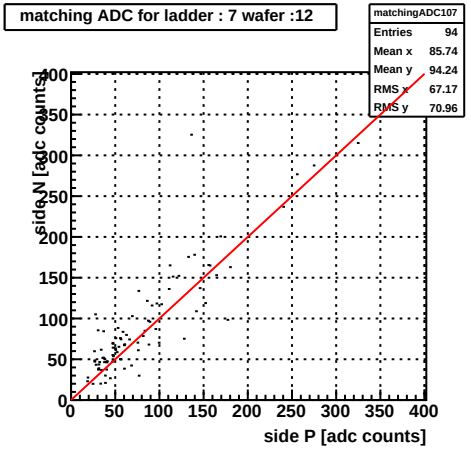

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

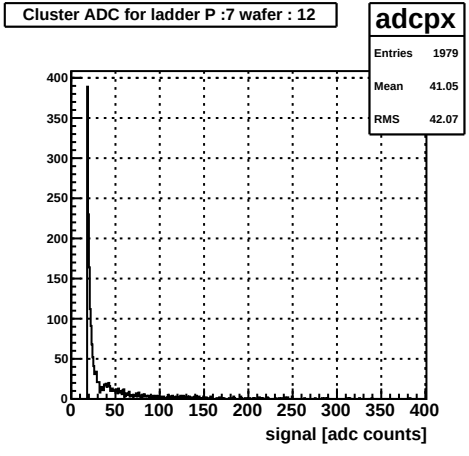

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 408
Mean 40.97
RMS 45.6
signal [adc counts]

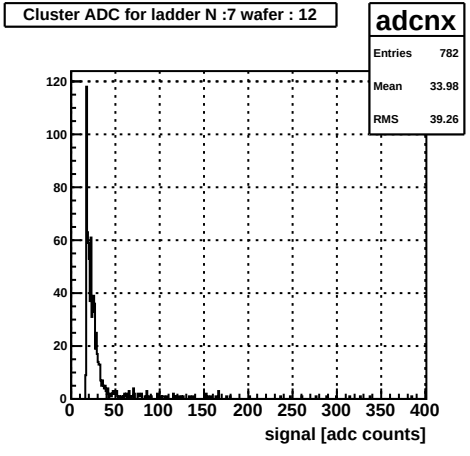

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 227
Mean 51.45
RMS 58.47
signal [adc counts]

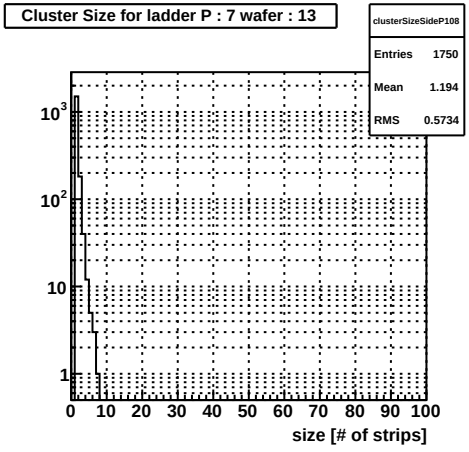

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1979
Mean 1.193
RMS 0.5134
size [# of strips]

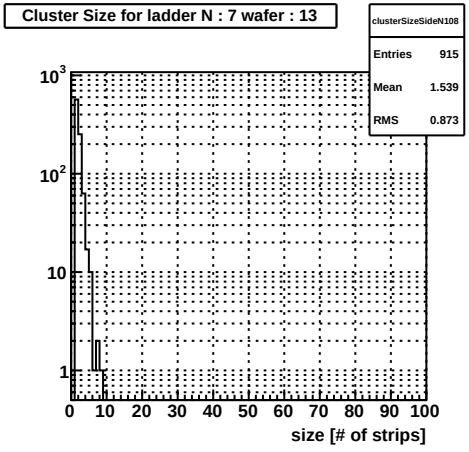

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 782
Mean 1.142
RMS 0.5246
size [# of strips]

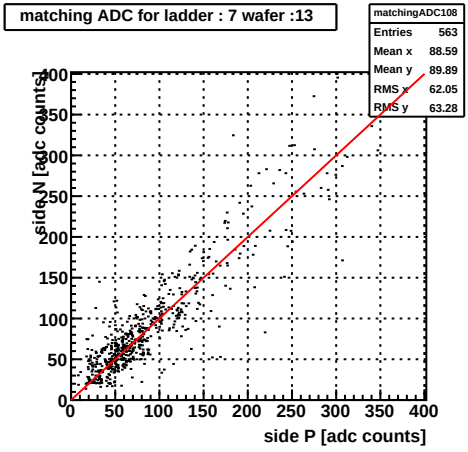

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 94
Mean x 85.74
Mean y 94.24
RMS x 67.17
RMS y 70.96
side N [adc counts]
side P [adc counts]

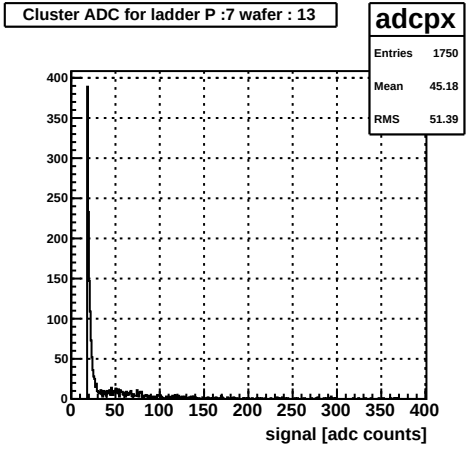

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1979
Mean 41.05
RMS 42.07
signal [adc counts]

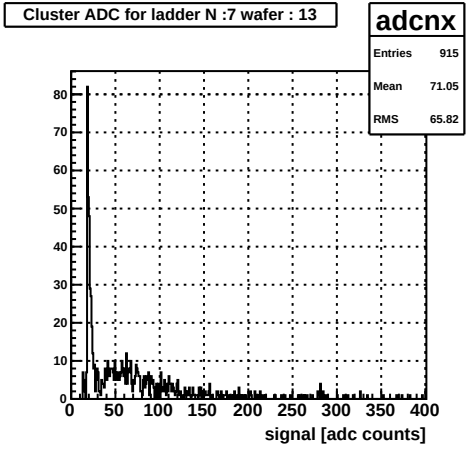

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 782
Mean 33.98
RMS 39.26
signal [adc counts]

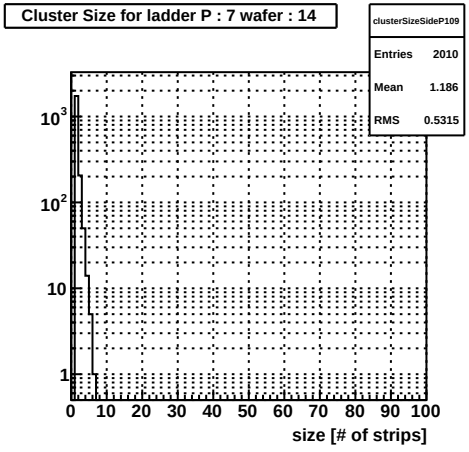

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1750
Mean 1.194
RMS 0.5734
size [# of strips]

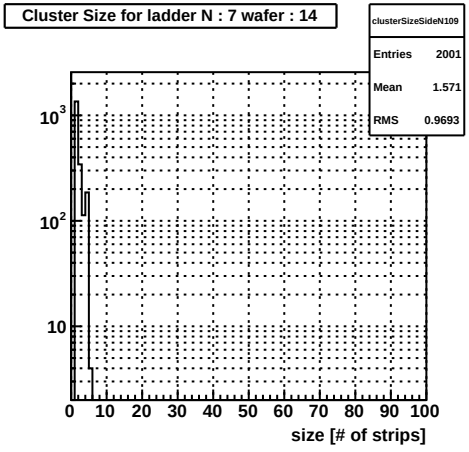

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 915
Mean 1.539
RMS 0.873
size [# of strips]

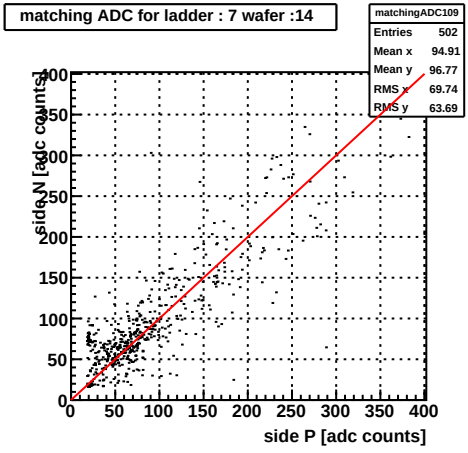

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 563
Mean x 88.59
Mean y 89.89
RMS x 62.05
RMS y 63.28
side N [adc counts]
side P [adc counts]

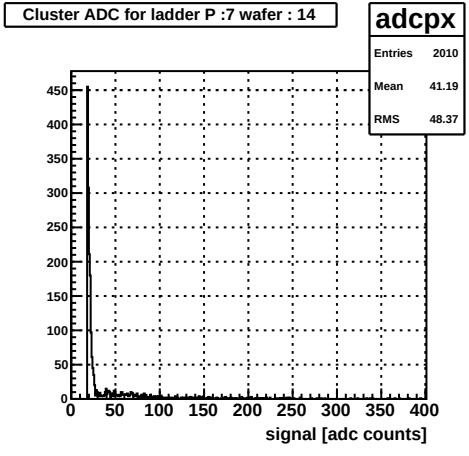

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1750
Mean 45.18
RMS 51.39
signal [adc counts]

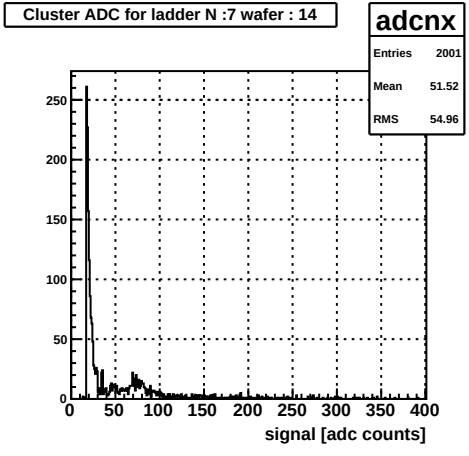

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 915
Mean 71.05
RMS 65.82
signal [adc counts]

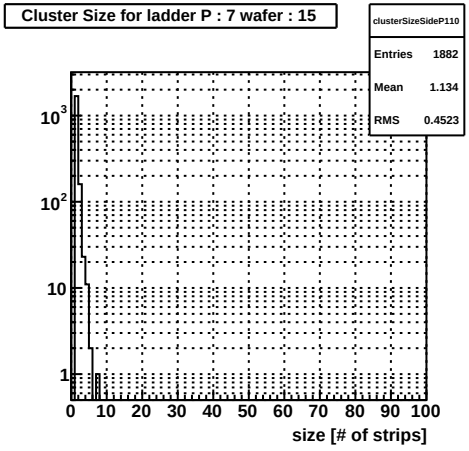

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2010
Mean 1.186
RMS 0.5315
size [# of strips]

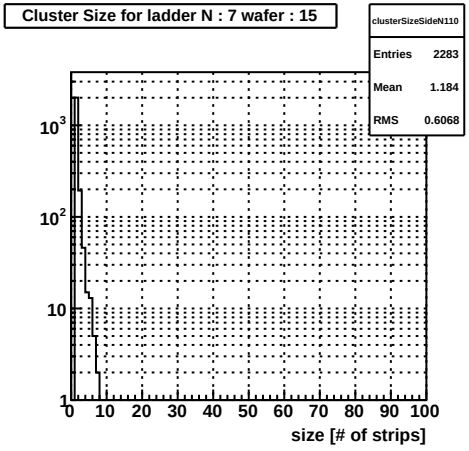

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2001
Mean 1.571
RMS 0.9693
size [# of strips]

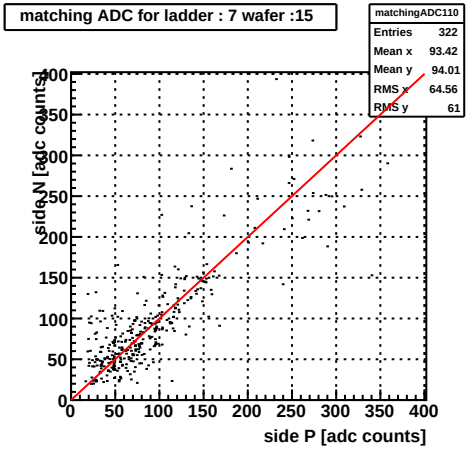

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 502
Mean x 94.91
Mean y 96.77
RMS x 69.74
RMS y 63.69
side N [adc counts]
side P [adc counts]

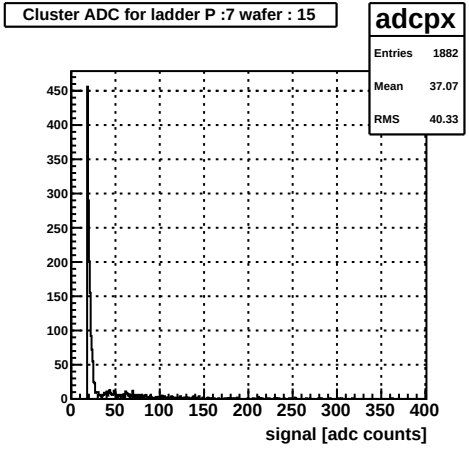

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2010
Mean 41.19
RMS 48.37
signal [adc counts]

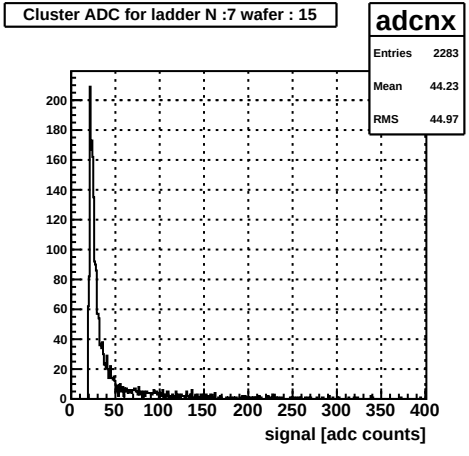

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2001
Mean 51.52
RMS 54.96
signal [adc counts]

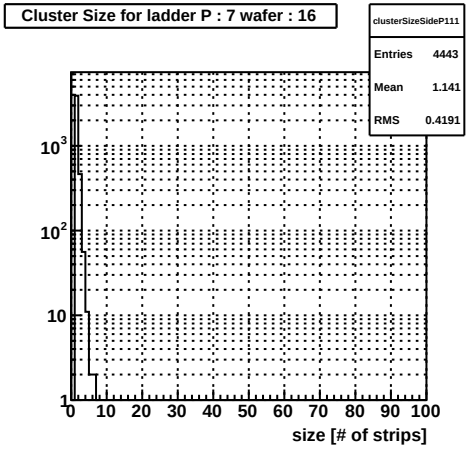

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1882
Mean 1.134
RMS 0.4523
size [# of strips]

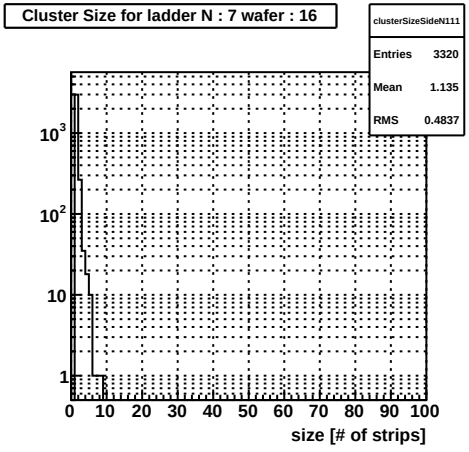

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2283
Mean 1.184
RMS 0.6068
size [# of strips]

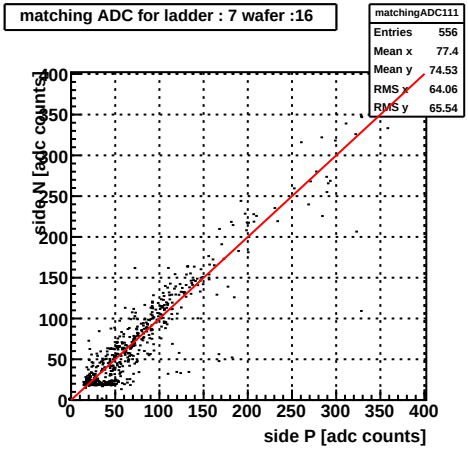

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 322
Mean x 93.42
Mean y 94.01
RMS x 64.56
RMS y 61
side N [adc counts]
side P [adc counts]

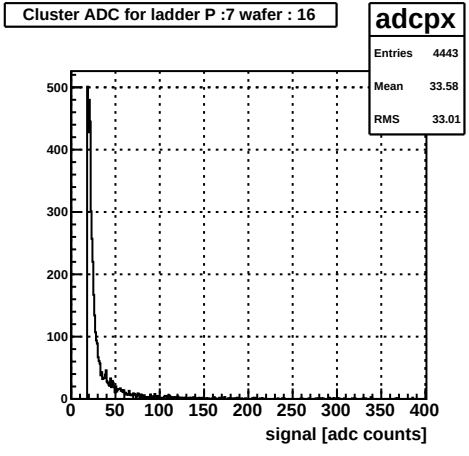

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1882
Mean 37.07
RMS 40.33
signal [adc counts]

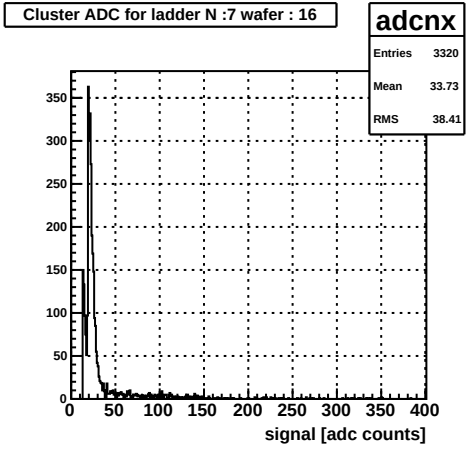

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2283
Mean 44.23
RMS 44.97
signal [adc counts]

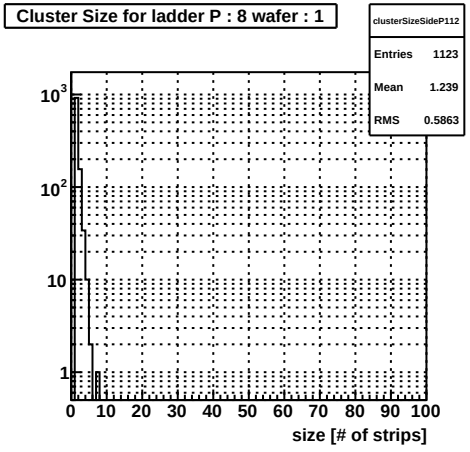

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4443
Mean 1.141
RMS 0.4191
size [# of strips]

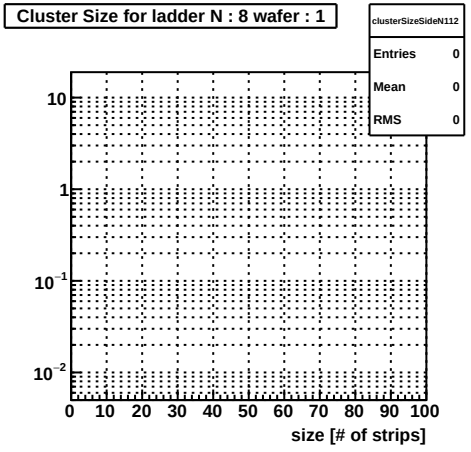

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3320
Mean 1.135
RMS 0.4837
size [# of strips]

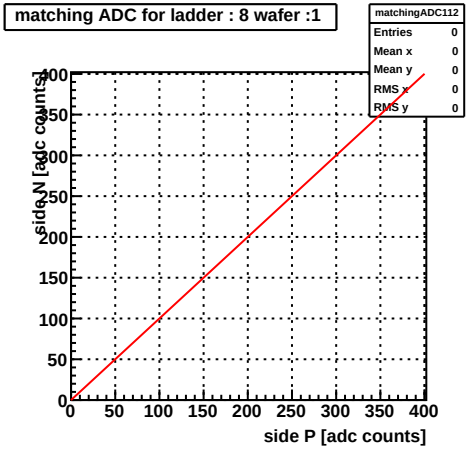

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 556
Mean x 77.4
Mean y 74.53
RMS x 64.06
RMS y 65.54
side N [adc counts]
side P [adc counts]

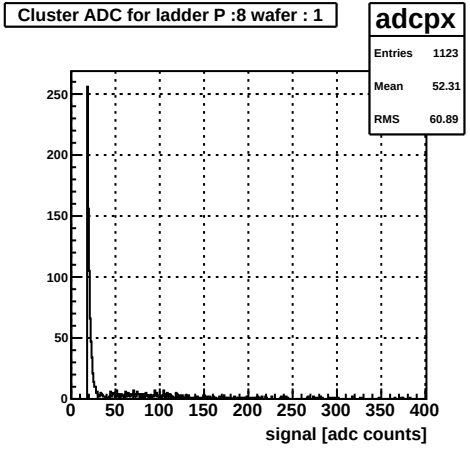

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4443
Mean 33.58
RMS 33.01
signal [adc counts]

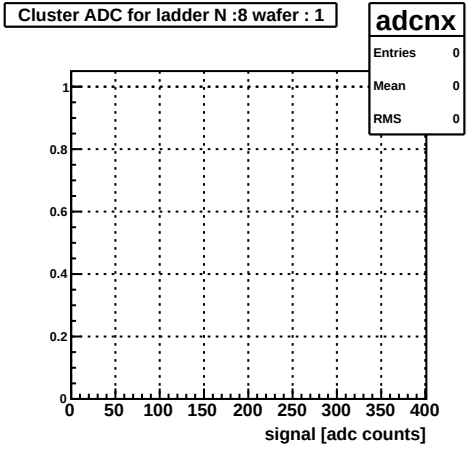

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3320
Mean 33.73
RMS 38.41
signal [adc counts]

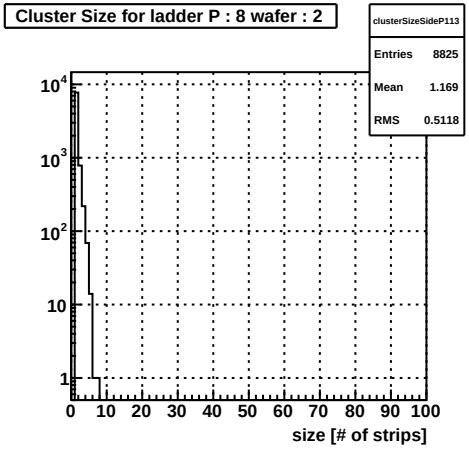

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1123
Mean 1.239
RMS 0.5863
size [# of strips]

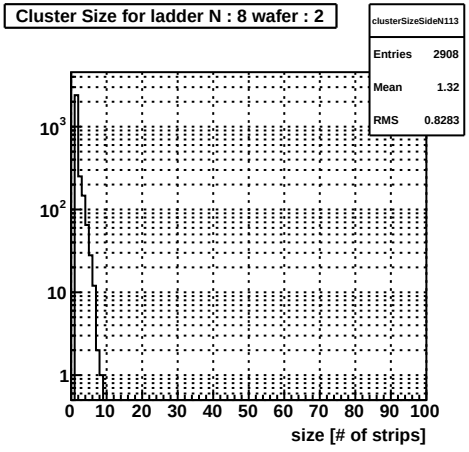

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

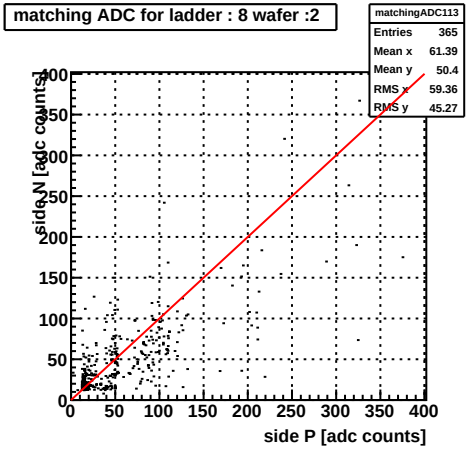

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

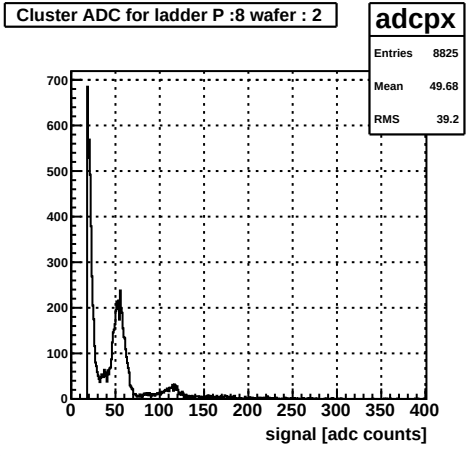

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1123
Mean 52.31
RMS 60.89
signal [adc counts]

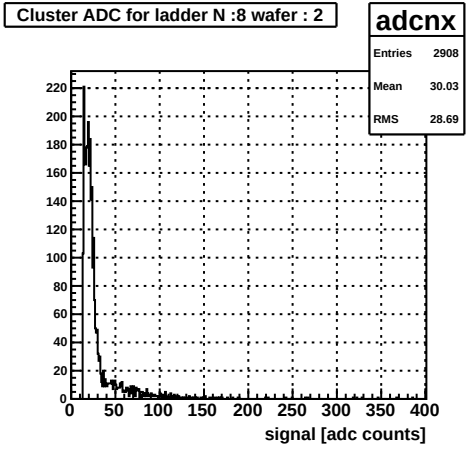

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

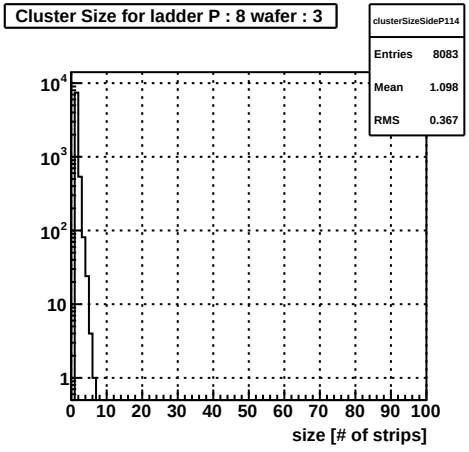

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8825
Mean 1.169
RMS 0.5118
size [# of strips]

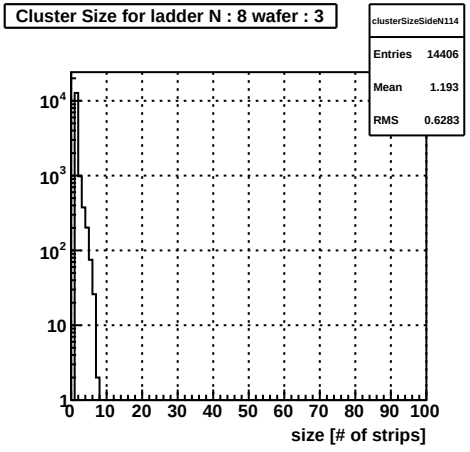

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2908
Mean 1.32
RMS 0.8283
size [# of strips]

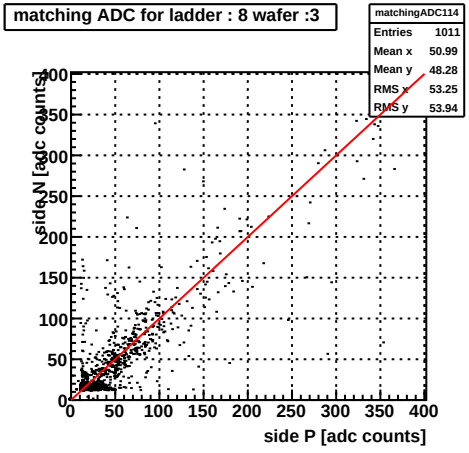

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 365
Mean x 61.39
Mean y 50.4
RMS x 59.36
RMS y 45.27
side N [adc counts]
side P [adc counts]

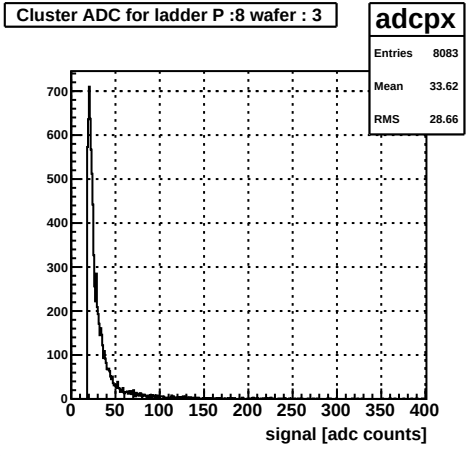

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8825
Mean 49.68
RMS 39.2
signal [adc counts]

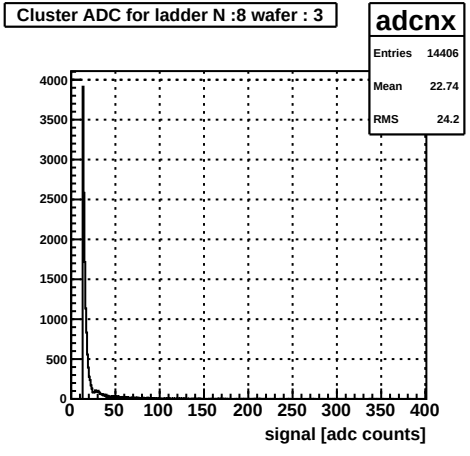

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2908
Mean 30.03
RMS 28.69
signal [adc counts]

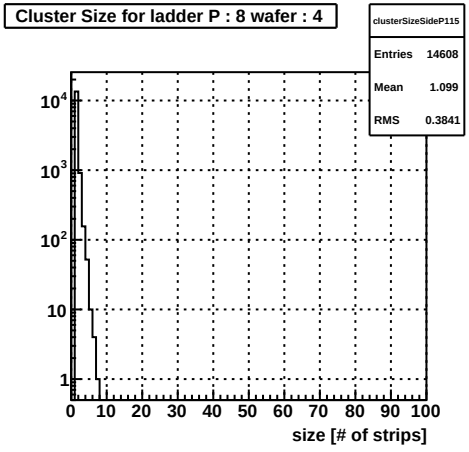

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8083
Mean 1.098
RMS 0.367
size [# of strips]

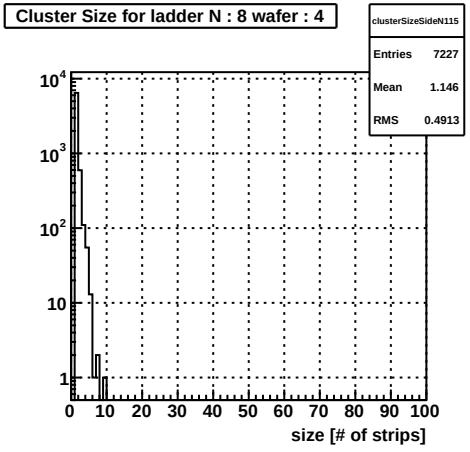

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 14406
Mean 1.193
RMS 0.6283
size [# of strips]

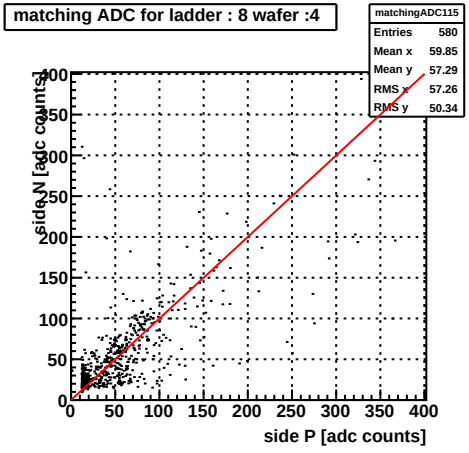

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1011
Mean x 50.99
Mean y 48.28
RMS x 53.25
RMS y 53.94
side N [adc counts]
side P [adc counts]

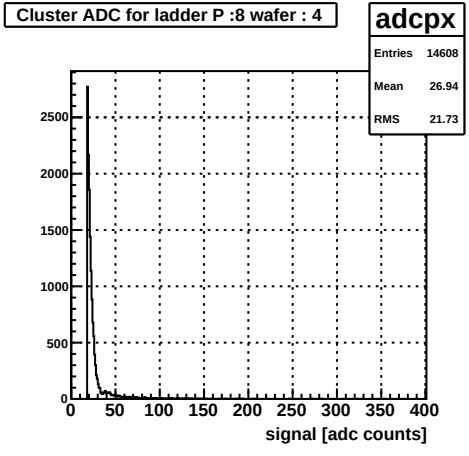

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8083
Mean 33.62
RMS 28.66
signal [adc counts]

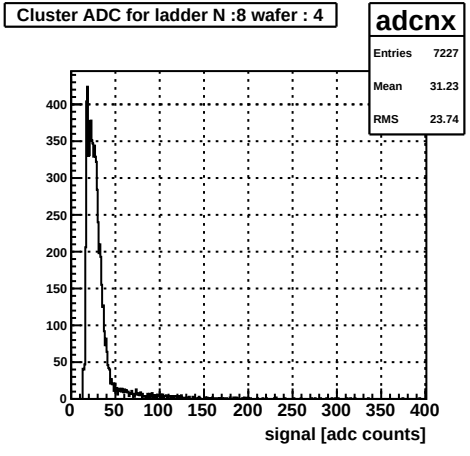

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 14406
Mean 22.74
RMS 24.2
signal [adc counts]

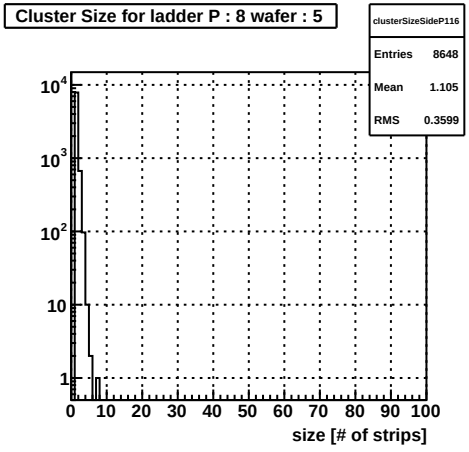

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 14608
Mean 1.099
RMS 0.3841
size [# of strips]

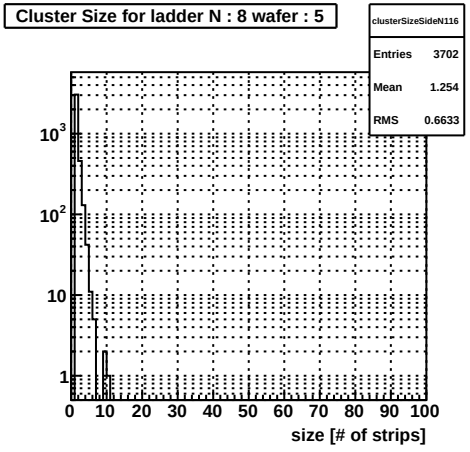

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7227
Mean 1.146
RMS 0.4913
size [# of strips]

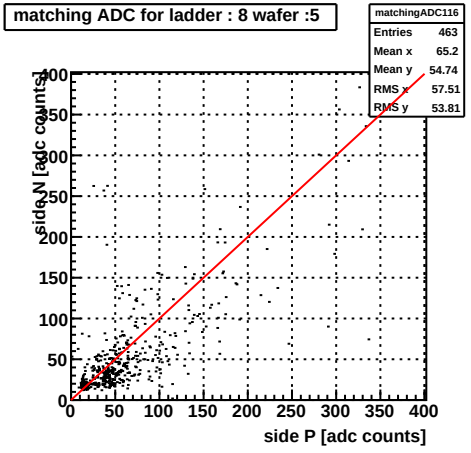

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 580
Mean x 59.85
Mean y 57.29
RMS x 57.26
RMS y 50.34
side N [adc counts]
side P [adc counts]

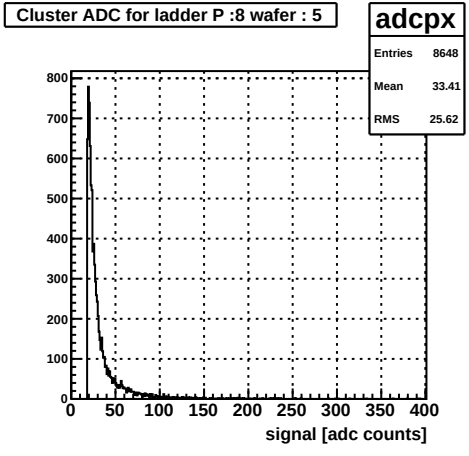

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 14608
Mean 26.94
RMS 21.73
signal [adc counts]

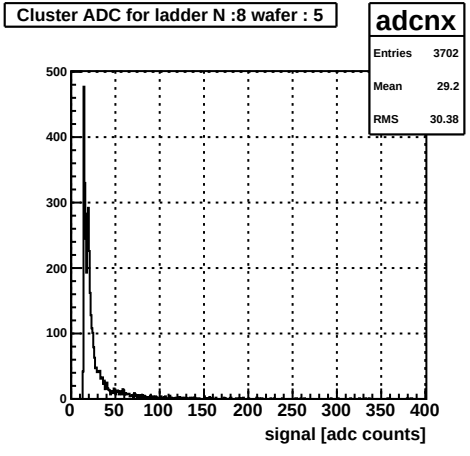

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7227
Mean 31.23
RMS 23.74
signal [adc counts]

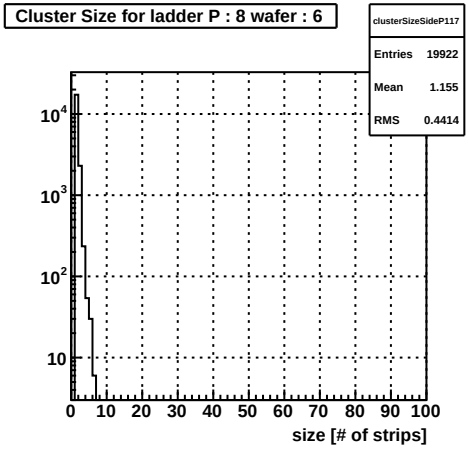

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8648
Mean 1.105
RMS 0.3599
size [# of strips]

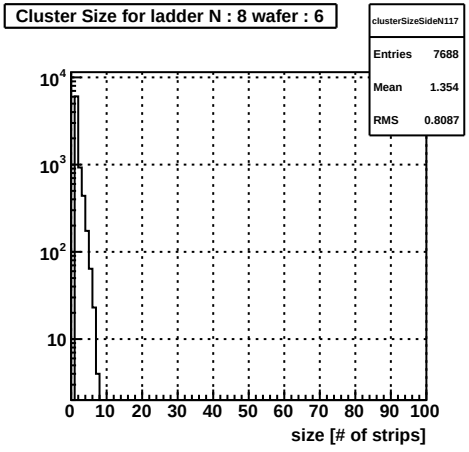

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3702
Mean 1.254
RMS 0.6633
size [# of strips]

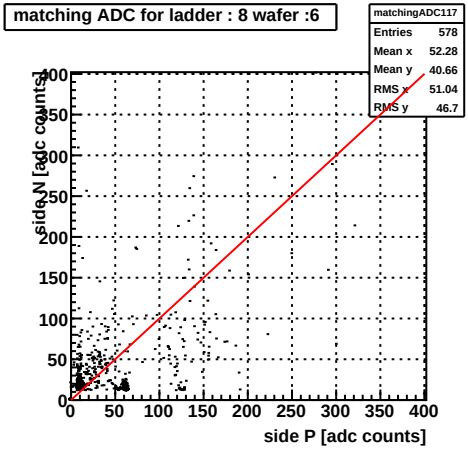

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 463
Mean x 65.2
Mean y 54.74
RMS x 57.51
RMS y 53.81
side N [adc counts]
side P [adc counts]

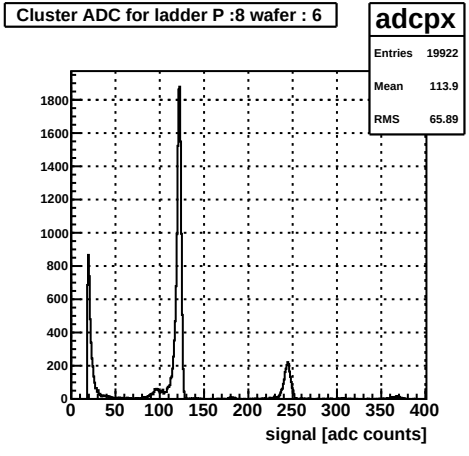

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8648
Mean 33.41
RMS 25.62
signal [adc counts]

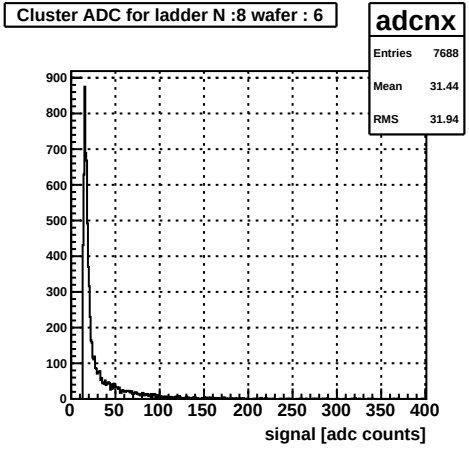

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3702
Mean 29.2
RMS 30.38
signal [adc counts]

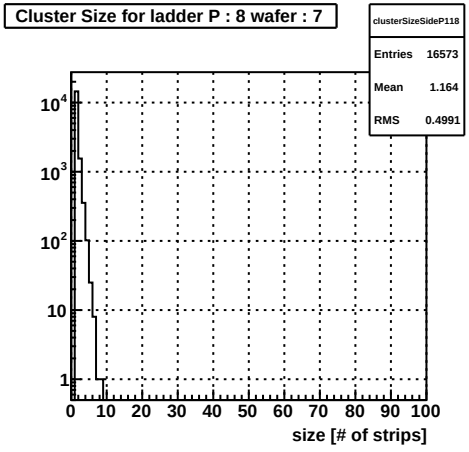

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 19922
Mean 1.155
RMS 0.4414
size [# of strips]

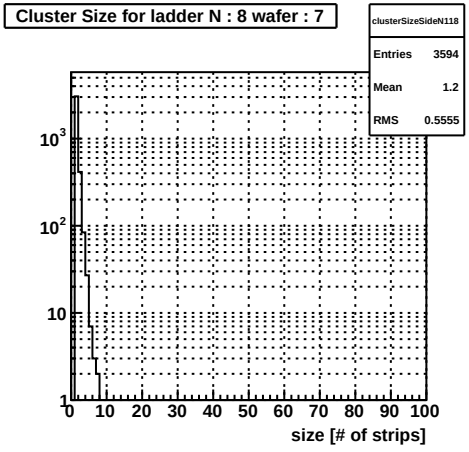

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 7688
Mean 1.354
RMS 0.8087
size [# of strips]

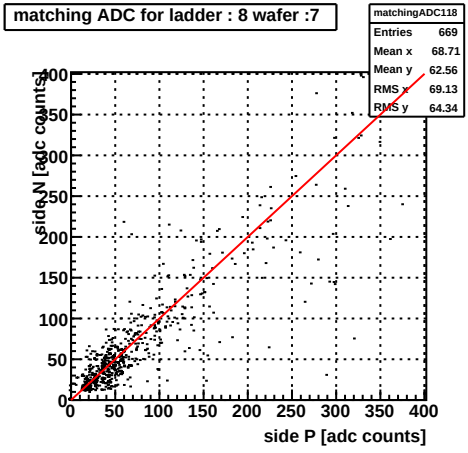

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 578
Mean x 52.28
Mean y 40.66
RMS x 51.04
RMS y 46.7
side N [adc counts]
side P [adc counts]

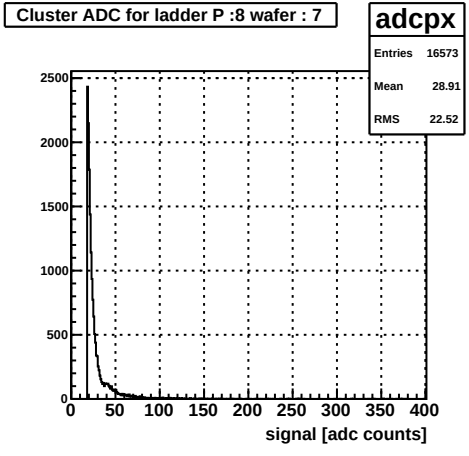

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 19922
Mean 113.9
RMS 65.89
signal [adc counts]

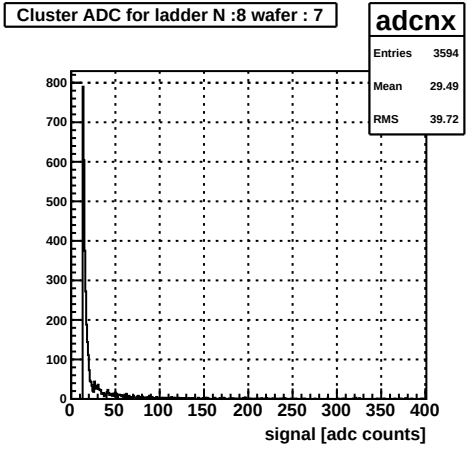

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 7688
Mean 31.44
RMS 31.94
signal [adc counts]

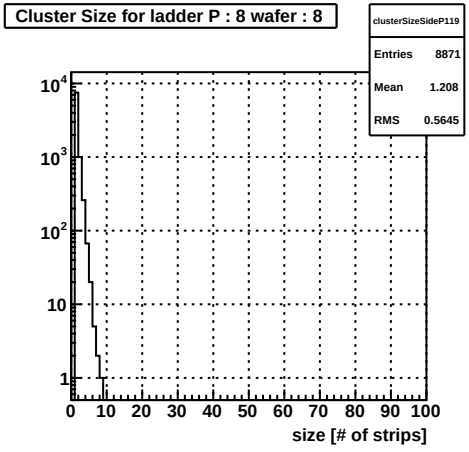

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 16573
Mean 1.164
RMS 0.4991
size [# of strips]

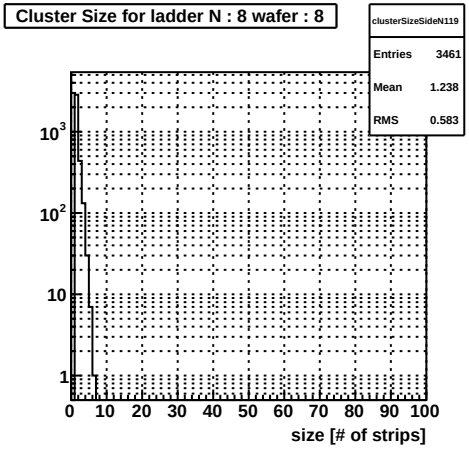

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3594
Mean 1.2
RMS 0.5555
size [# of strips]

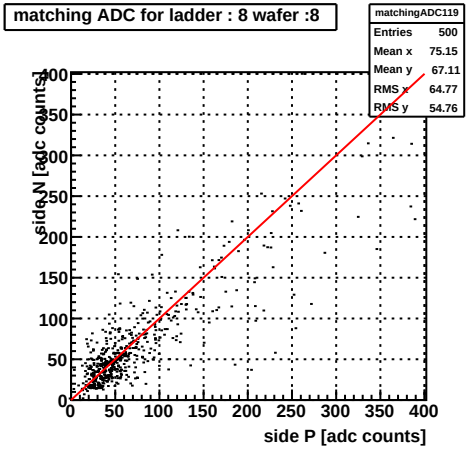

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 669
Mean x 68.71
Mean y 62.56
RMS x 69.13
RMS y 64.34
side N [adc counts]
side P [adc counts]

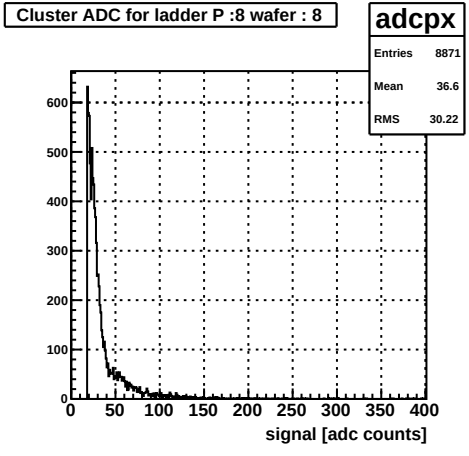

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 16573
Mean 28.91
RMS 22.52
signal [adc counts]

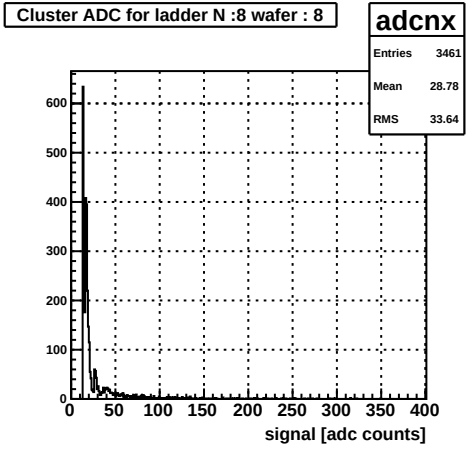

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3594
Mean 29.49
RMS 39.72
signal [adc counts]

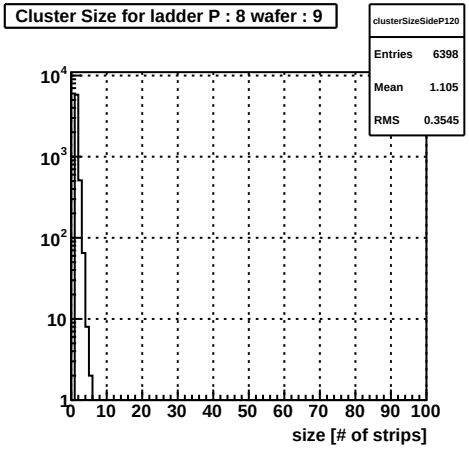

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8871
Mean 1.208
RMS 0.5645
size [# of strips]

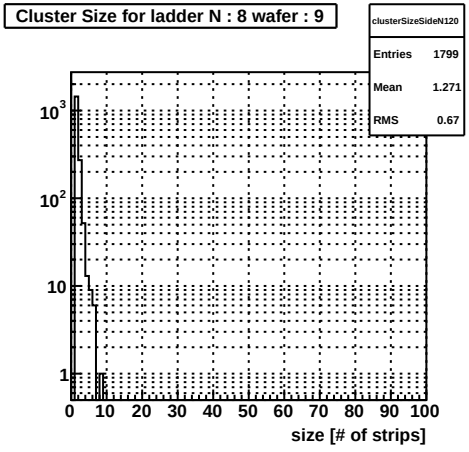

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3461
Mean 1.238
RMS 0.583
size [# of strips]

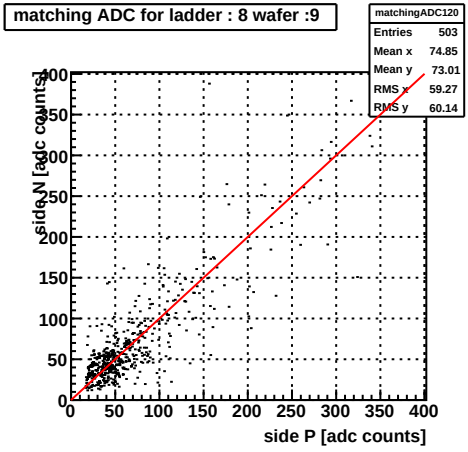

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 500
Mean x 75.15
Mean y 67.11
RMS x 64.77
RMS y 54.76
side N [adc counts]
side P [adc counts]

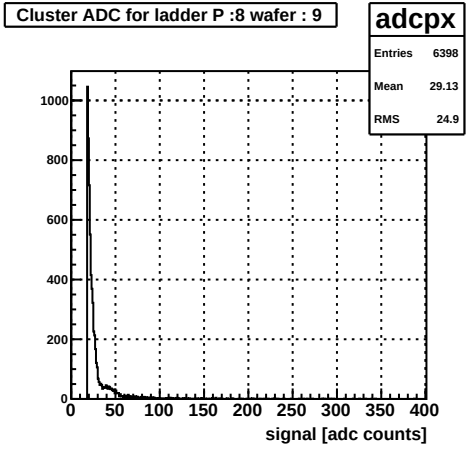

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8871
Mean 36.6
RMS 30.22
signal [adc counts]

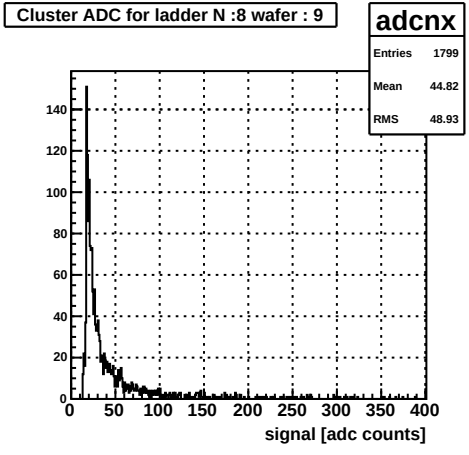

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3461
Mean 28.78
RMS 33.64
signal [adc counts]

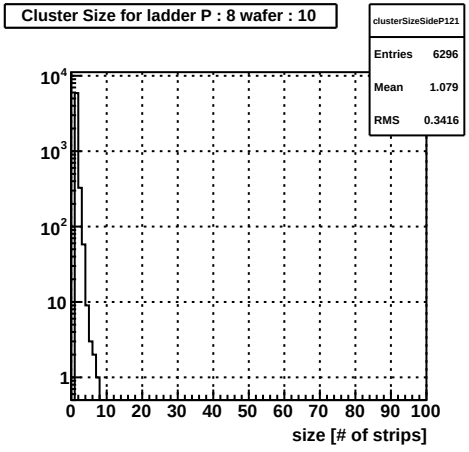

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6398
Mean 1.105
RMS 0.3545
size [# of strips]

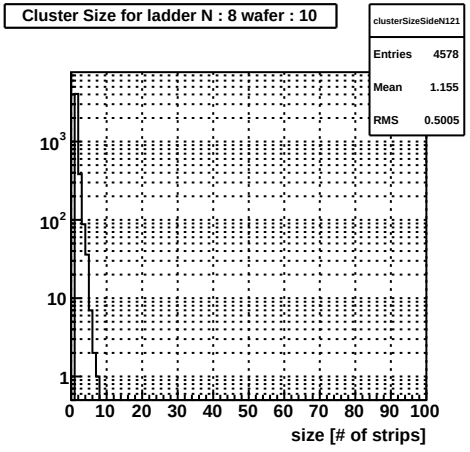

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1799
Mean 1.271
RMS 0.67
size [# of strips]

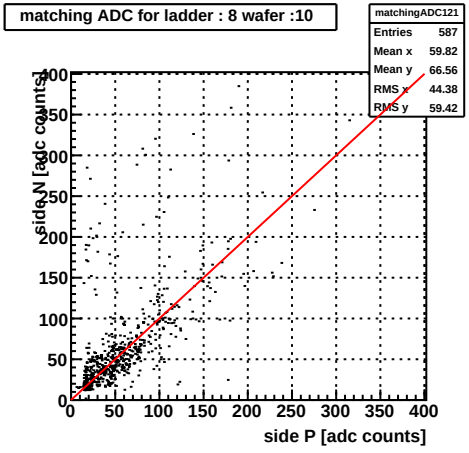

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 503
Mean x 74.85
Mean y 73.01
RMS x 59.27
RMS y 60.14
side N [adc counts]
side P [adc counts]

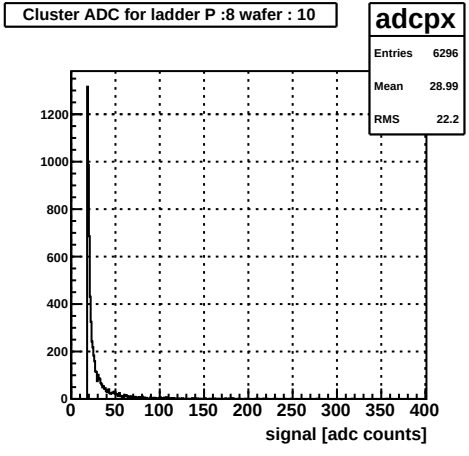

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6398
Mean 29.13
RMS 24.9
signal [adc counts]

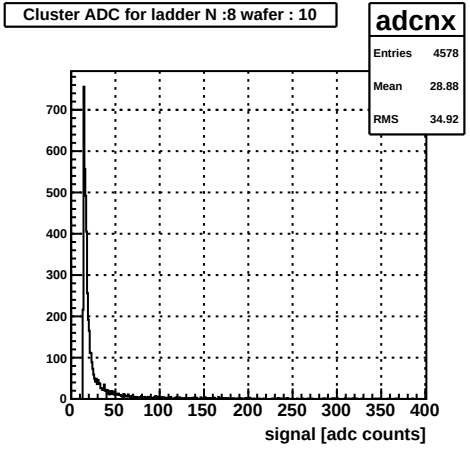

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1799
Mean 44.82
RMS 48.93
signal [adc counts]

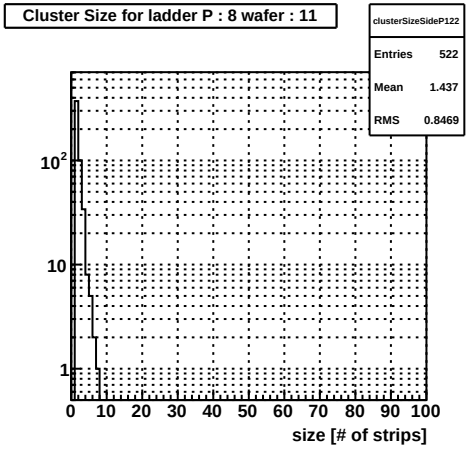

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6296
Mean 1.079
RMS 0.3416
size [# of strips]

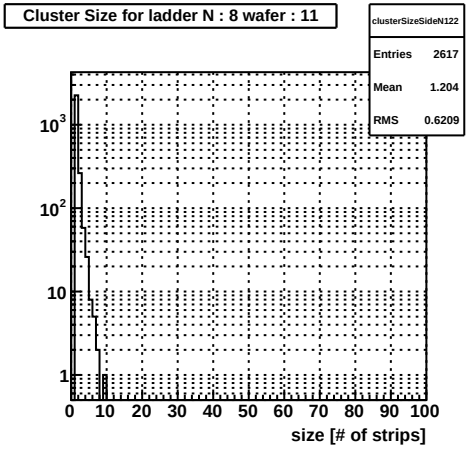

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4578
Mean 1.155
RMS 0.5005
size [# of strips]

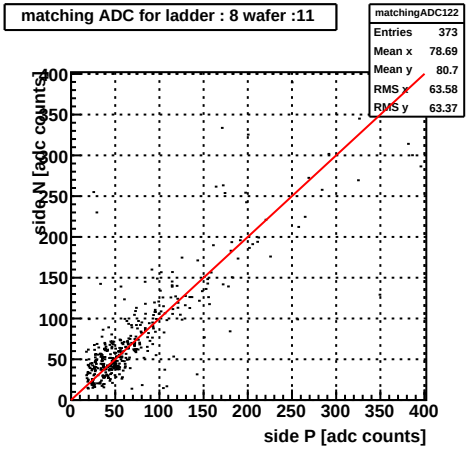

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 587
Mean x 59.82
Mean y 66.56
RMS x 44.38
RMS y 59.42
side N [adc counts]
side P [adc counts]

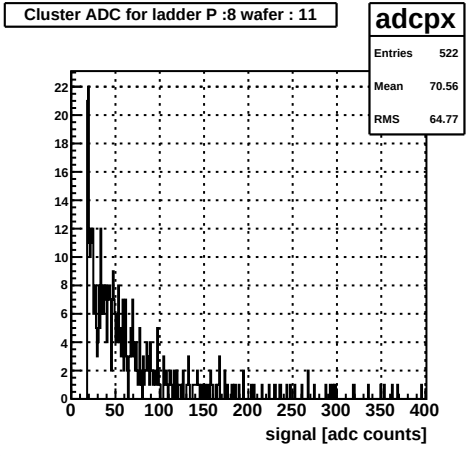

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6296
Mean 28.99
RMS 22.2
signal [adc counts]

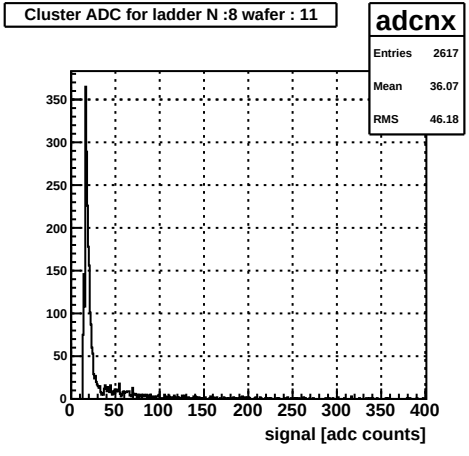

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4578
Mean 28.88
RMS 34.92
signal [adc counts]

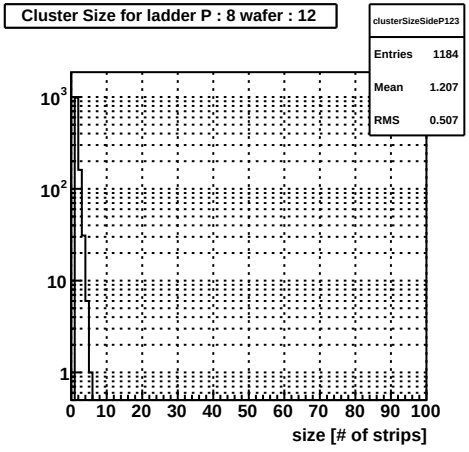

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 522
Mean 1.437
RMS 0.8469
size [# of strips]

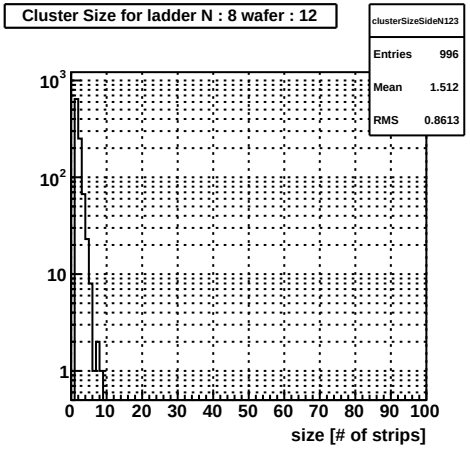

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2617
Mean 1.204
RMS 0.6209
size [# of strips]

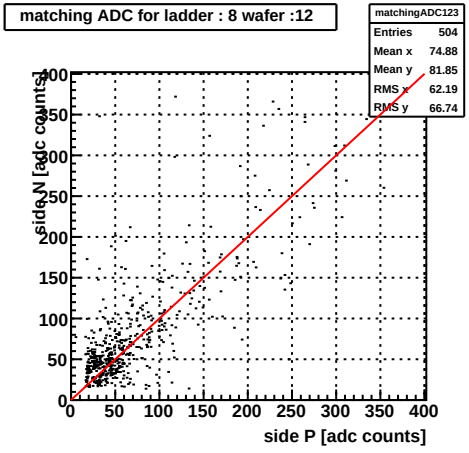

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 373
Mean x 78.69
Mean y 80.7
RMS x 63.58
RMS y 63.37
side N [adc counts]
side P [adc counts]

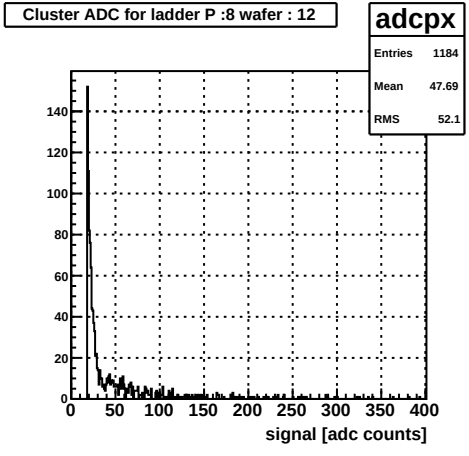

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 522
Mean 70.56
RMS 64.77
signal [adc counts]

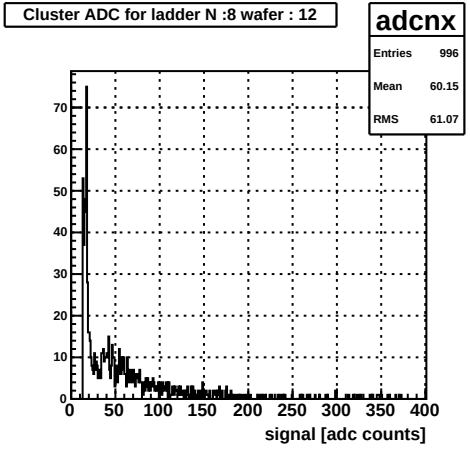

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2617
Mean 36.07
RMS 46.18
signal [adc counts]

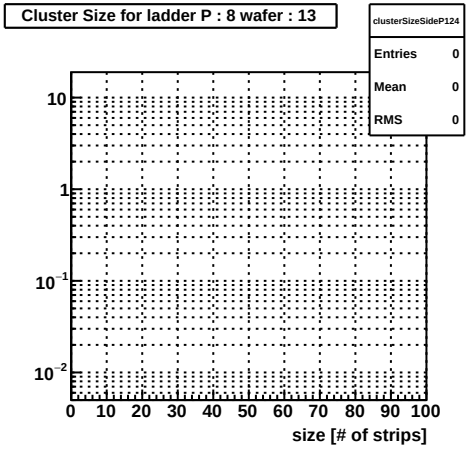

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1184
Mean 1.207
RMS 0.507
size [# of strips]

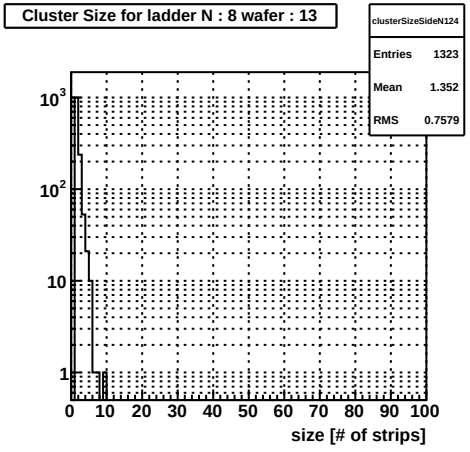

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 996
Mean 1.512
RMS 0.8613
size [# of strips]

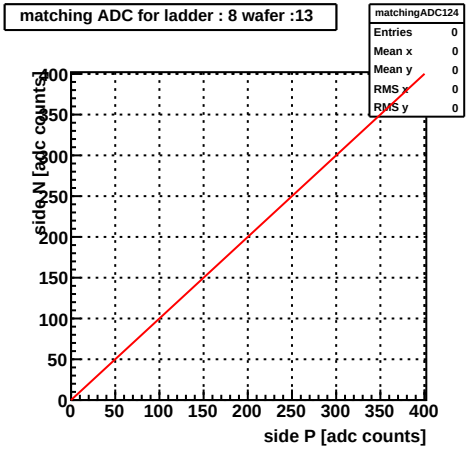

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 504
Mean x 74.88
Mean y 81.85
RMS x 62.19
RMS y 66.74
side N [adc counts]
side P [adc counts]

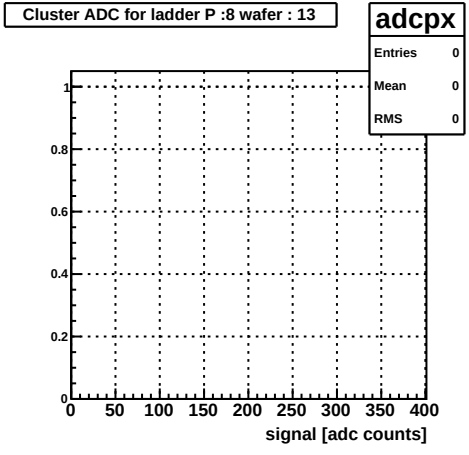

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1184
Mean 47.69
RMS 52.1
signal [adc counts]

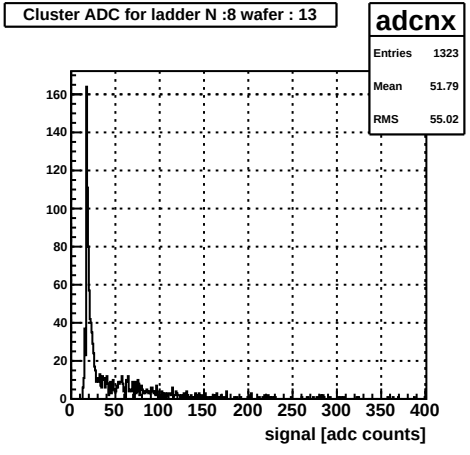

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 996
Mean 60.15
RMS 61.07
signal [adc counts]

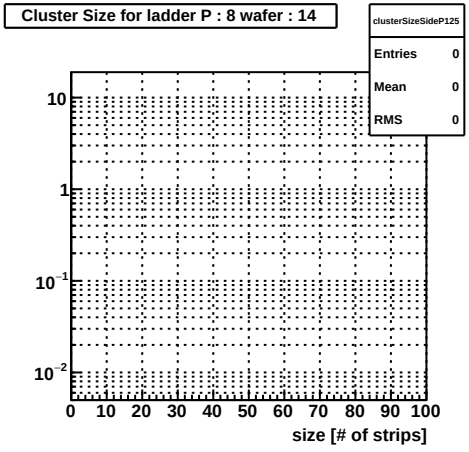

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

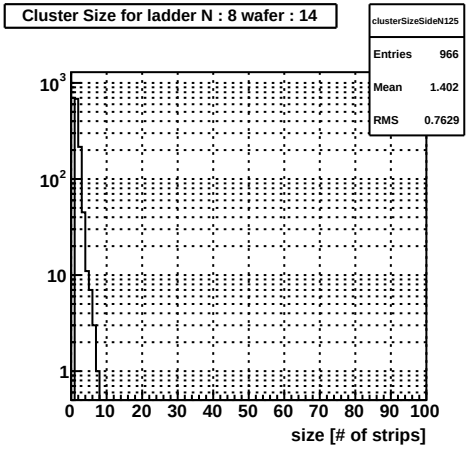

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1323
Mean 1.352
RMS 0.7579
size [# of strips]

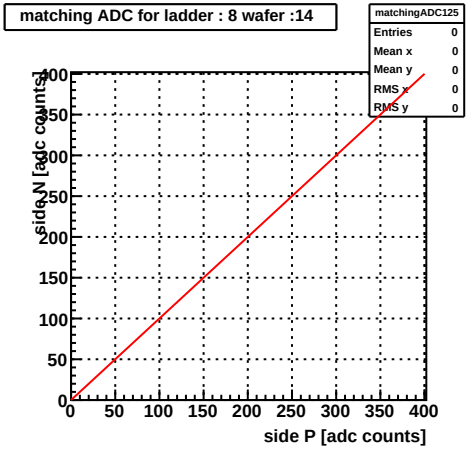

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

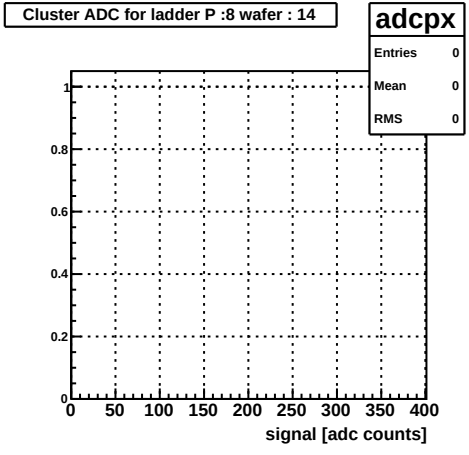

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

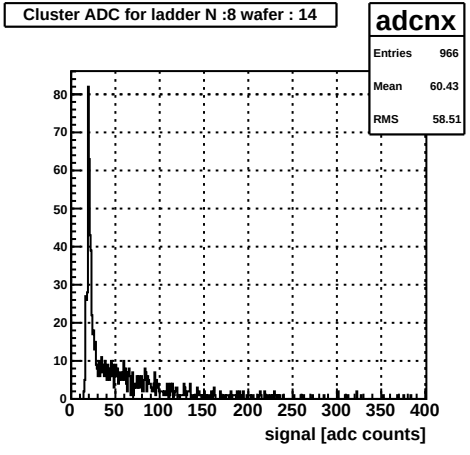

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1323
Mean 51.79
RMS 55.02
signal [adc counts]

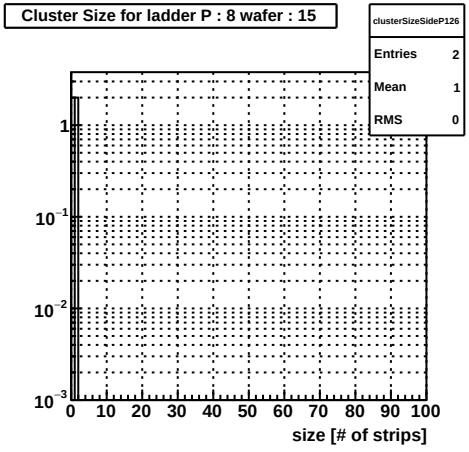

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

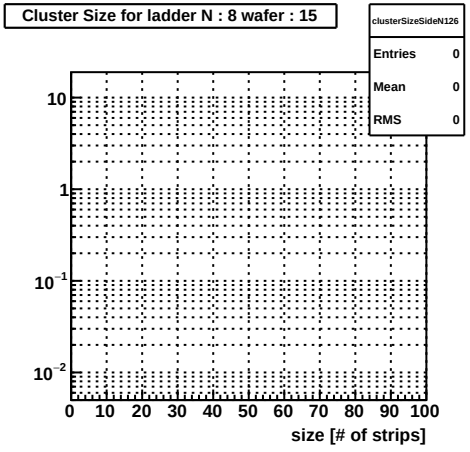

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 966
Mean 1.402
RMS 0.7629
size [# of strips]

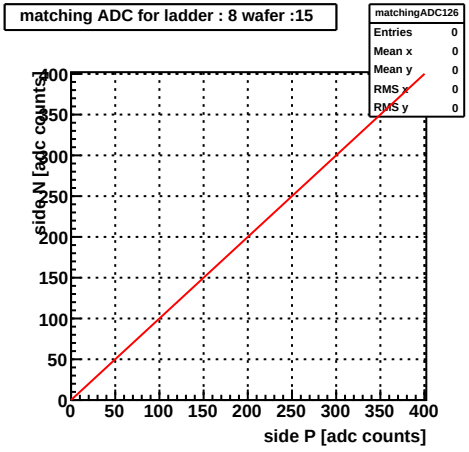

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

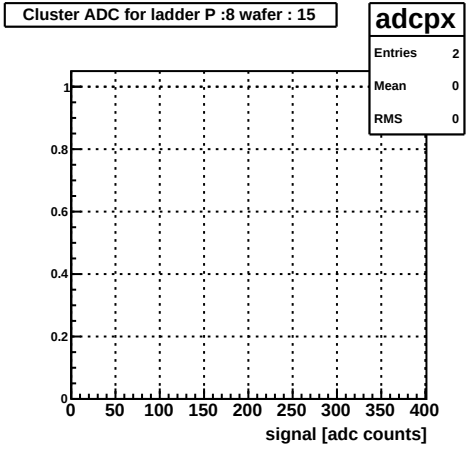

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

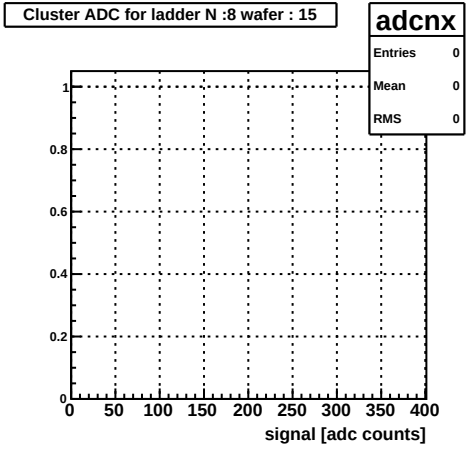

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 966
Mean 60.43
RMS 58.51
signal [adc counts]

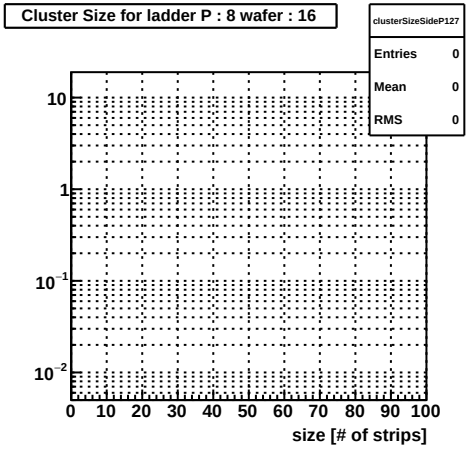

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

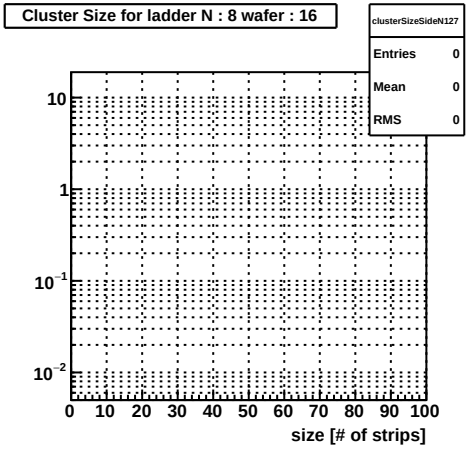

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

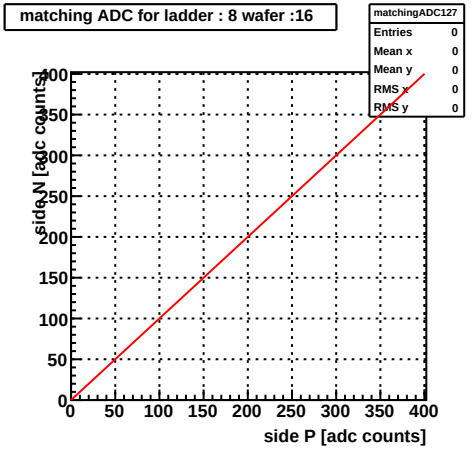

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

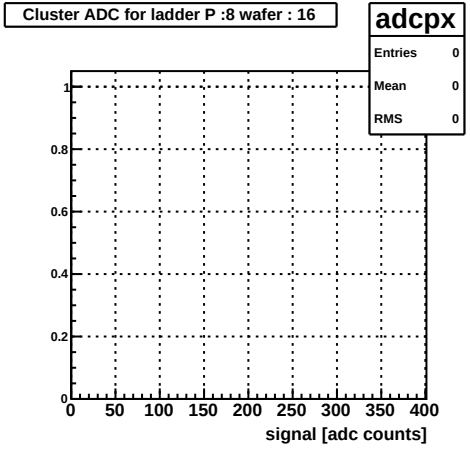

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

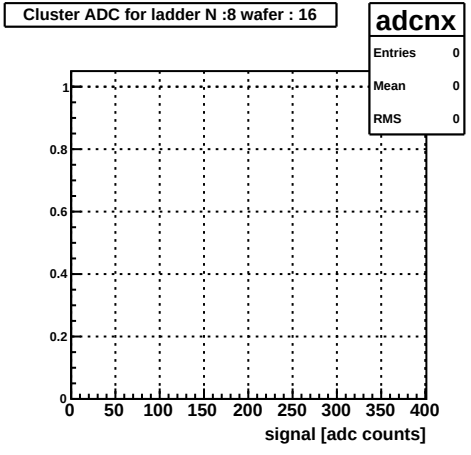

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

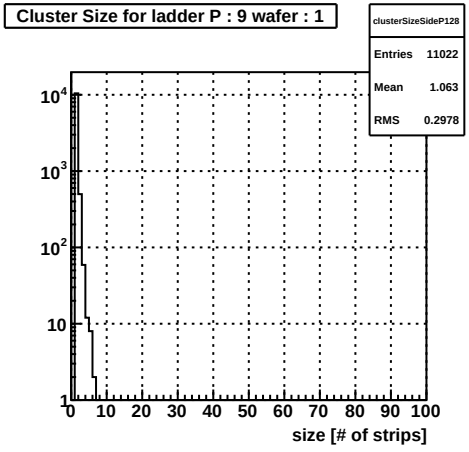

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

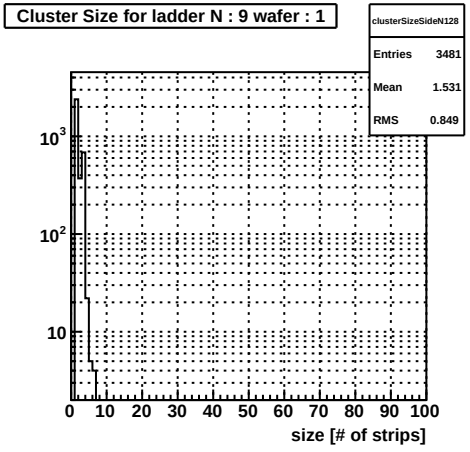

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

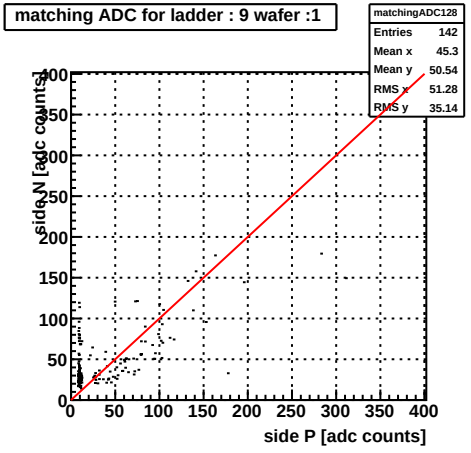

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

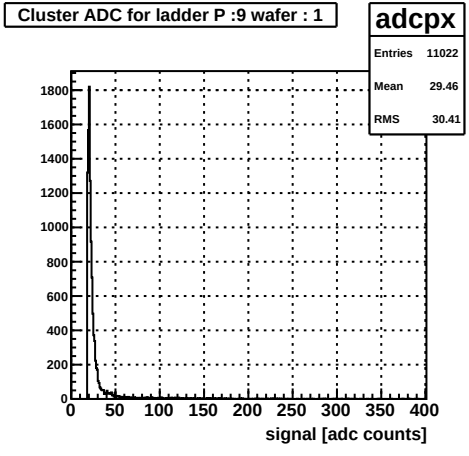

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

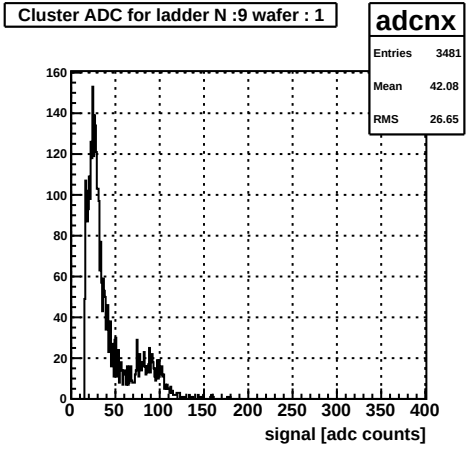

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

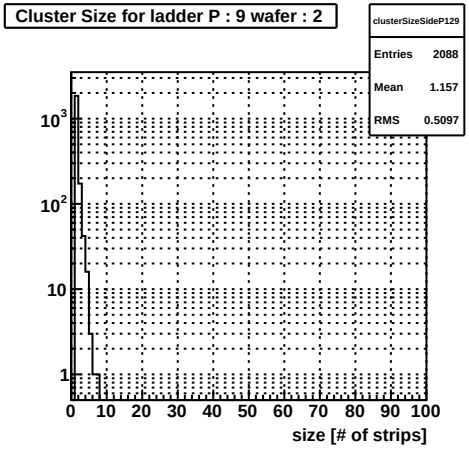

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 11022
Mean 1.063
RMS 0.2978
size [# of strips]

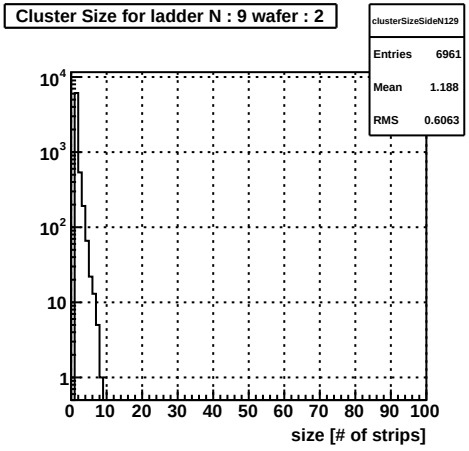

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3481
Mean 1.531
RMS 0.849
size [# of strips]

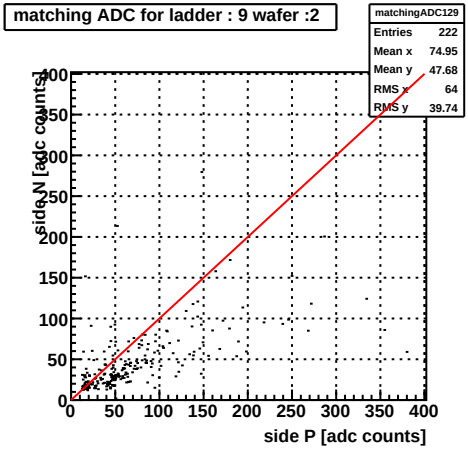

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 142
Mean x 45.3
Mean y 50.54
RMS x 51.28
RMS y 35.14
side N [adc counts]
side P [adc counts]

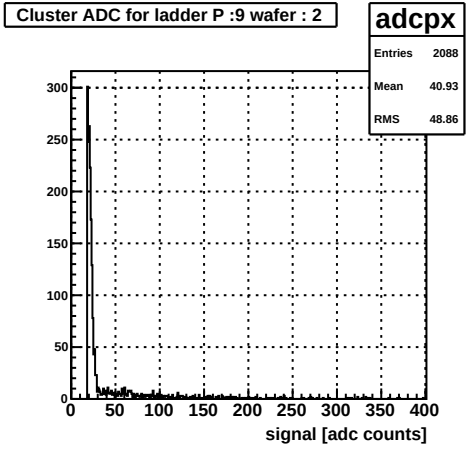

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 11022
Mean 29.46
RMS 30.41
signal [adc counts]

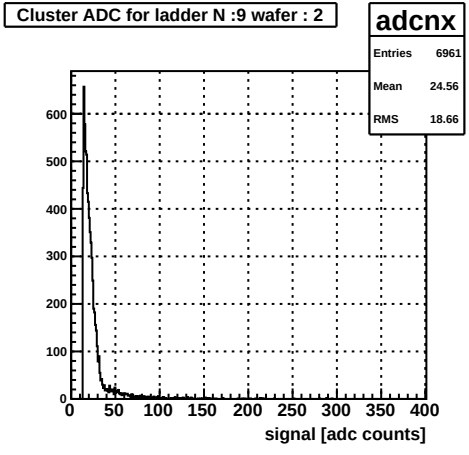

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3481
Mean 42.08
RMS 26.65
signal [adc counts]

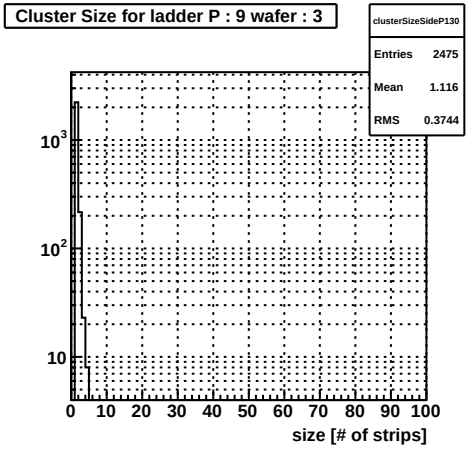

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2088
Mean 1.157
RMS 0.5097
size [# of strips]

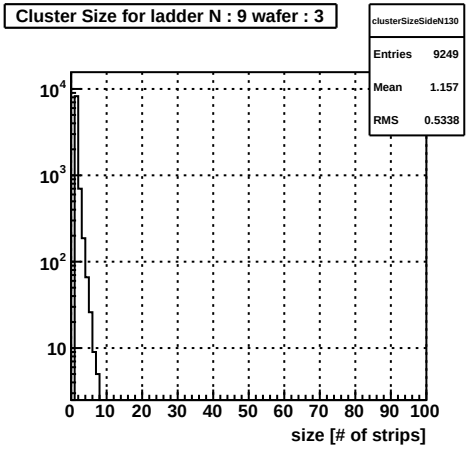

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6961
Mean 1.188
RMS 0.6063
size [# of strips]

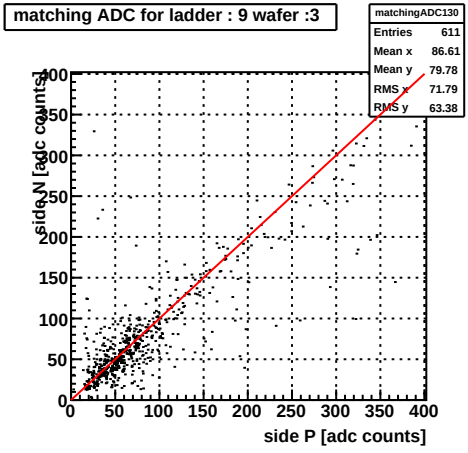

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 222
Mean x 74.95
Mean y 47.68
RMS x 64
RMS y 39.74
side N [adc counts]
side P [adc counts]

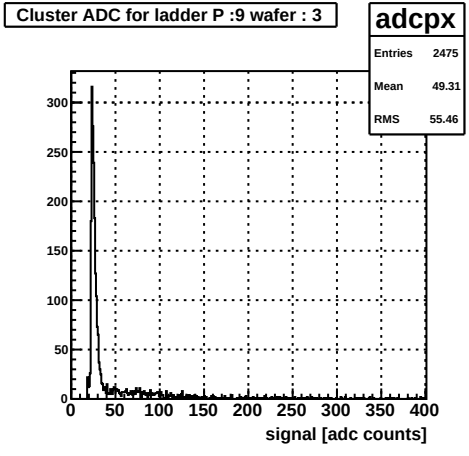

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2088
Mean 40.93
RMS 48.86
signal [adc counts]

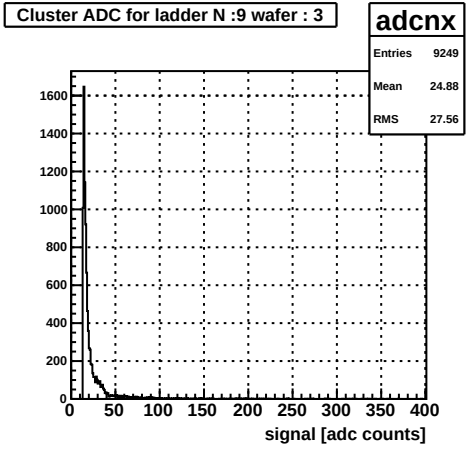

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6961
Mean 24.56
RMS 18.66
signal [adc counts]

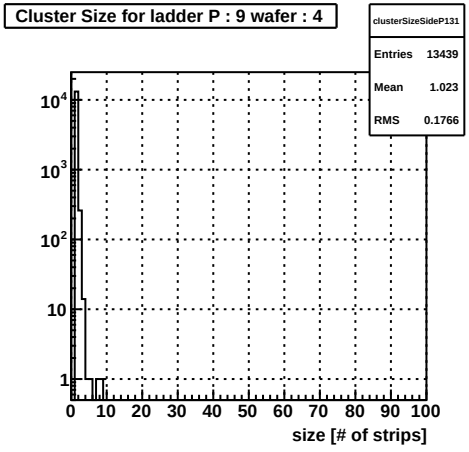

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2475
Mean 1.116
RMS 0.3744
size [# of strips]

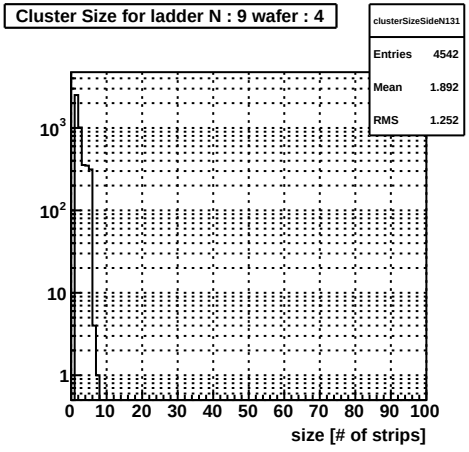

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9249
Mean 1.157
RMS 0.5338
size [# of strips]

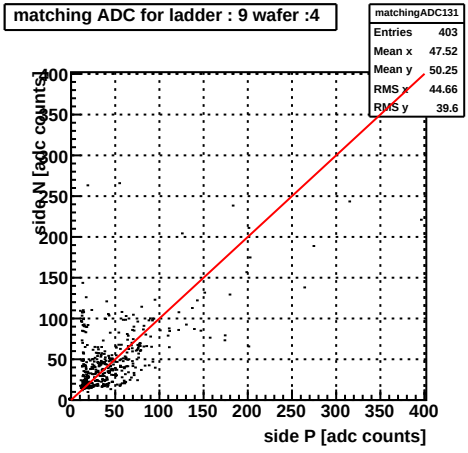

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 611
Mean x 86.61
Mean y 79.78
RMS x 71.79
RMS y 63.38
side N [adc counts]
side P [adc counts]

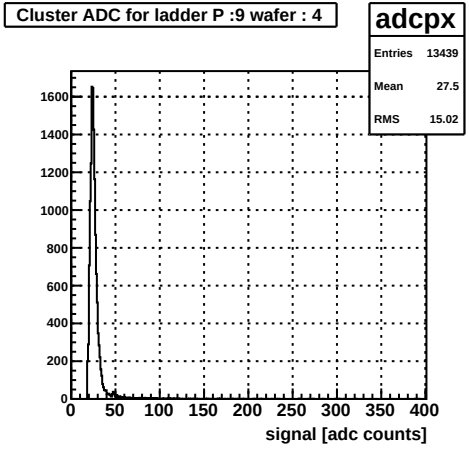

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2475
Mean 49.31
RMS 55.46
signal [adc counts]

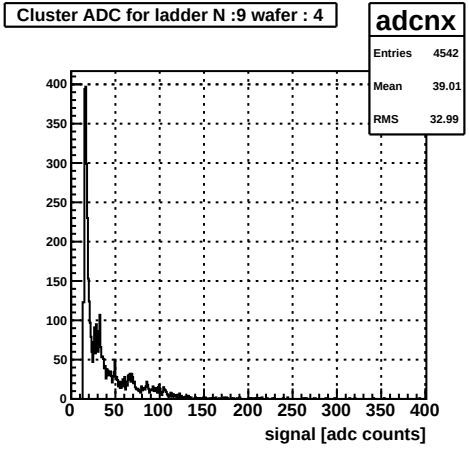

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9249
Mean 24.88
RMS 27.56
signal [adc counts]

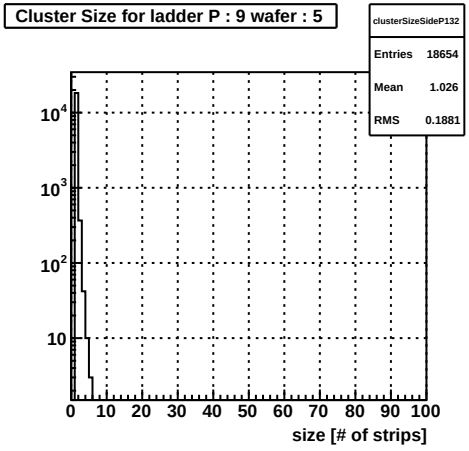

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 13439
Mean 1.023
RMS 0.1766
size [# of strips]

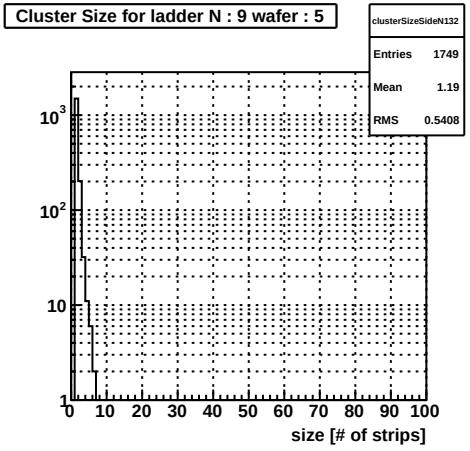

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4542
Mean 1.892
RMS 1.252
size [# of strips]

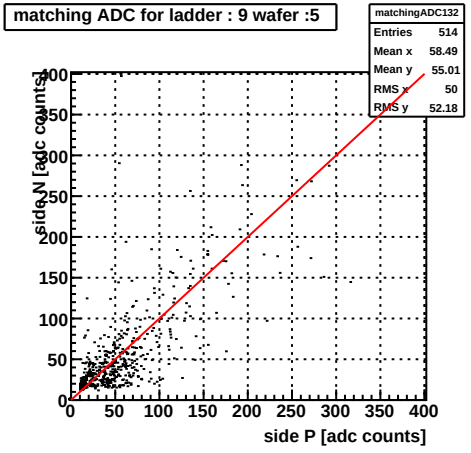

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 403
Mean x 47.52
Mean y 50.25
RMS x 44.66
RMS y 39.6
side N [adc counts]
side P [adc counts]

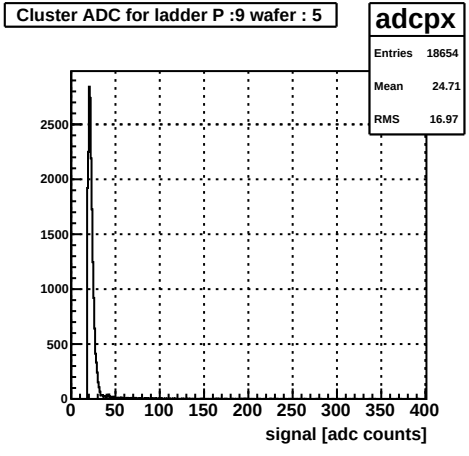

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 13439
Mean 27.5
RMS 15.02
signal [adc counts]

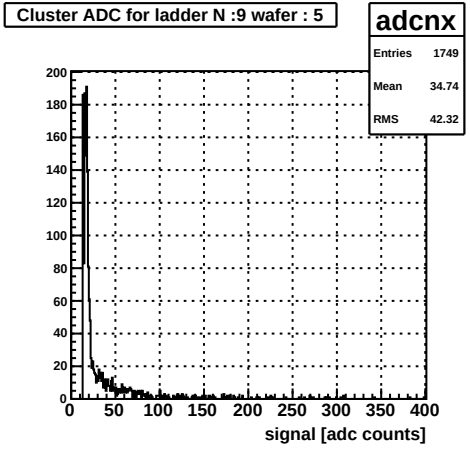

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4542
Mean 39.01
RMS 32.99
signal [adc counts]

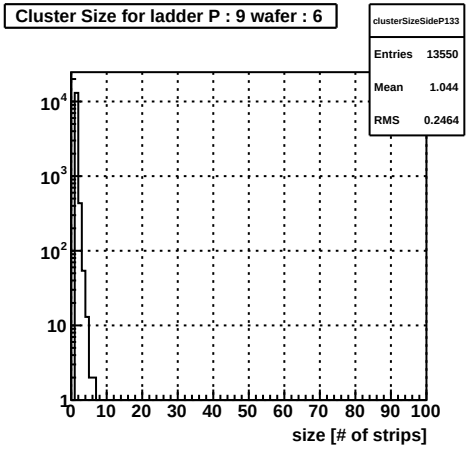

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 18654
Mean 1.026
RMS 0.1881
size [# of strips]

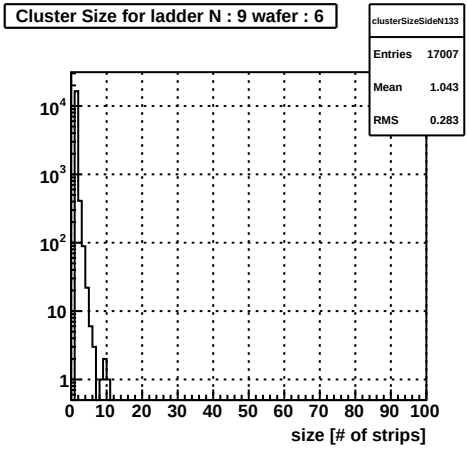

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1749
Mean 1.19
RMS 0.5408
size [# of strips]

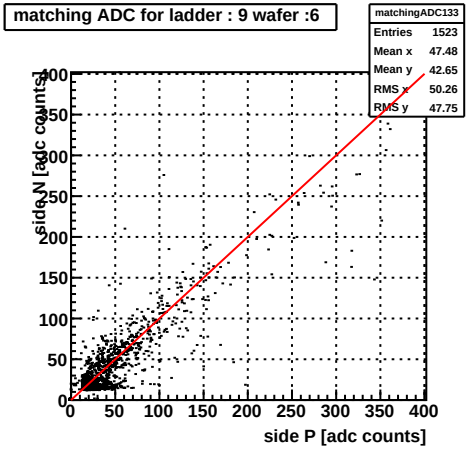

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 514
Mean x 58.49
Mean y 55.01
RMS x 50
RMS y 52.18
side N [adc counts]
side P [adc counts]

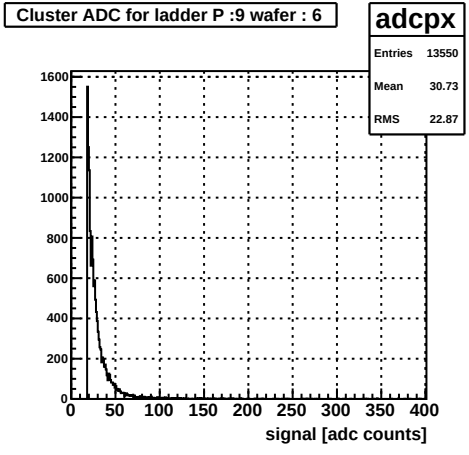

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 18654
Mean 24.71
RMS 16.97
signal [adc counts]

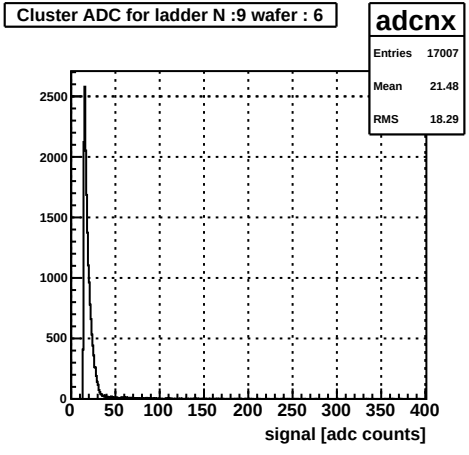

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1749
Mean 34.74
RMS 42.32
signal [adc counts]

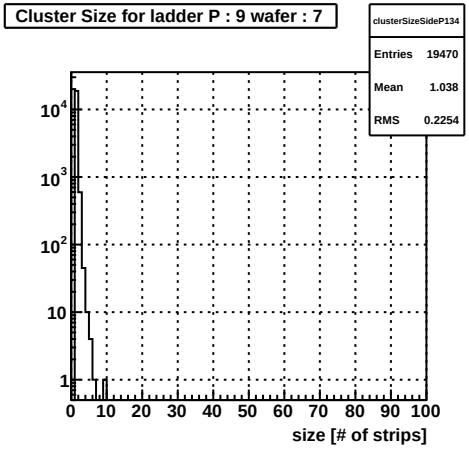

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13550
Mean 1.044
RMS 0.2464
size [# of strips]

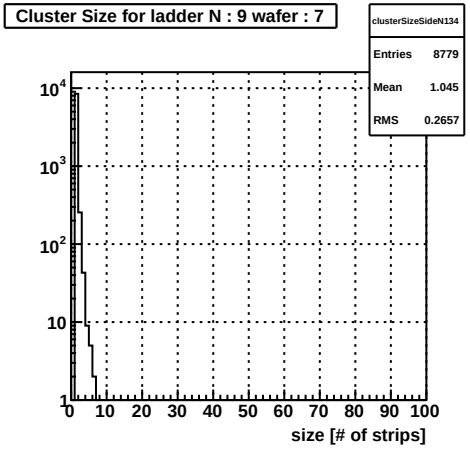

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 17007
Mean 1.043
RMS 0.283
size [# of strips]

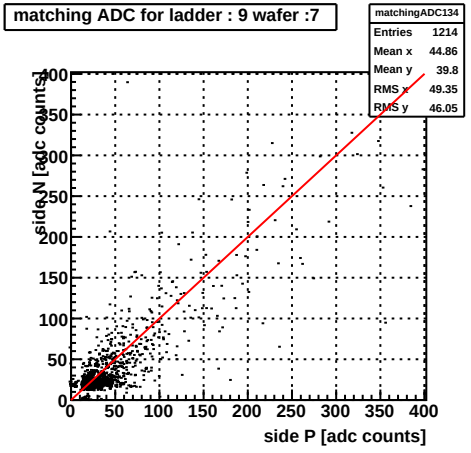

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1523
Mean x 47.48
Mean y 42.65
RMS x 50.26
RMS y 47.75
side N [adc counts]
side P [adc counts]

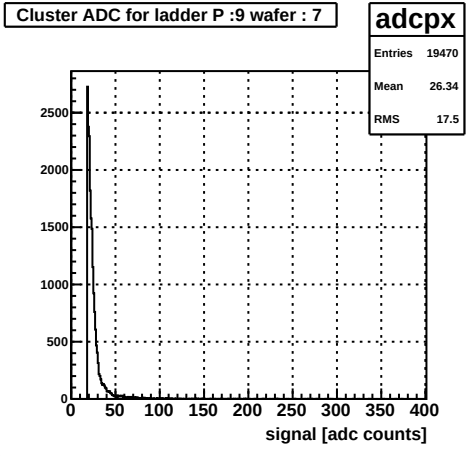

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13550
Mean 30.73
RMS 22.87
signal [adc counts]

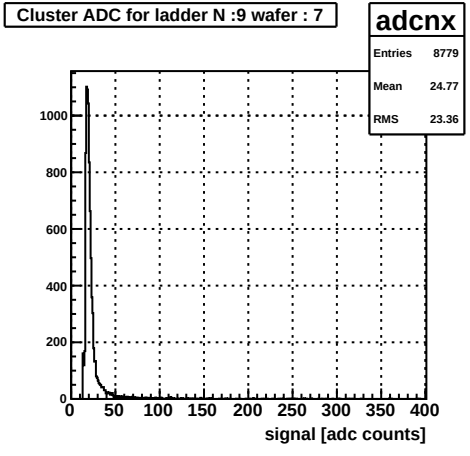

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 17007
Mean 21.48
RMS 18.29
signal [adc counts]

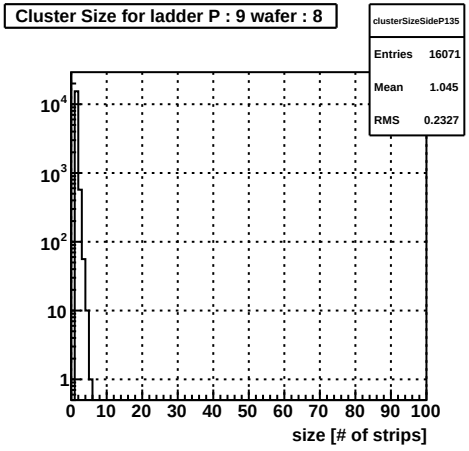

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 19470
Mean 1.038
RMS 0.2254
size [# of strips]

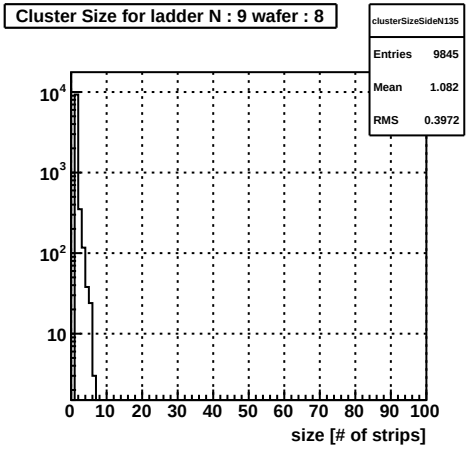

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8779
Mean 1.045
RMS 0.2657
size [# of strips]

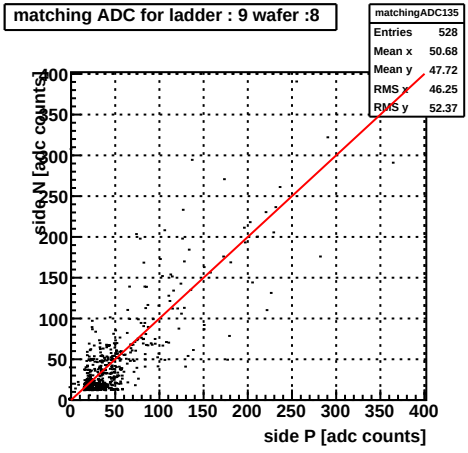

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1214
Mean x 44.86
Mean y 39.8
RMS x 49.35
RMS y 46.05
side N [adc counts]
side P [adc counts]

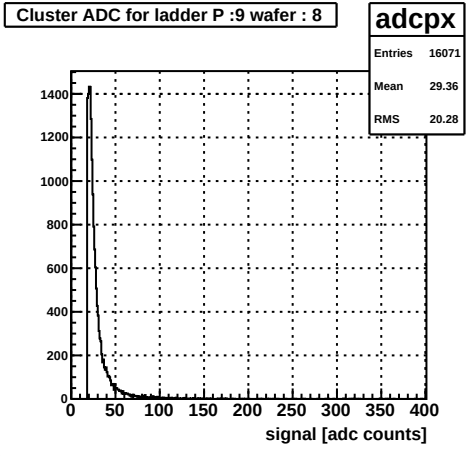

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 19470
Mean 26.34
RMS 17.5
signal [adc counts]

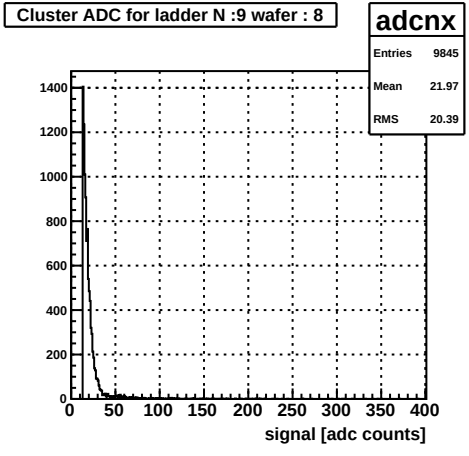

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8779
Mean 24.77
RMS 23.36
signal [adc counts]

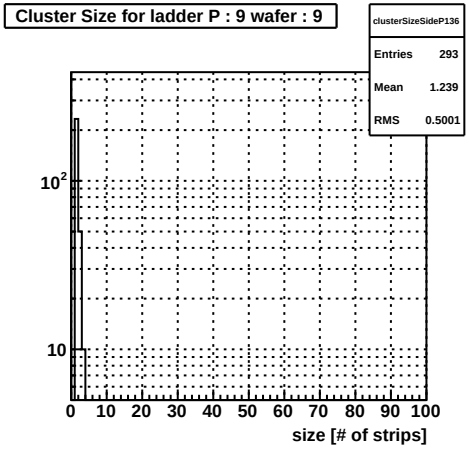

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 16071
Mean 1.045
RMS 0.2327
size [# of strips]

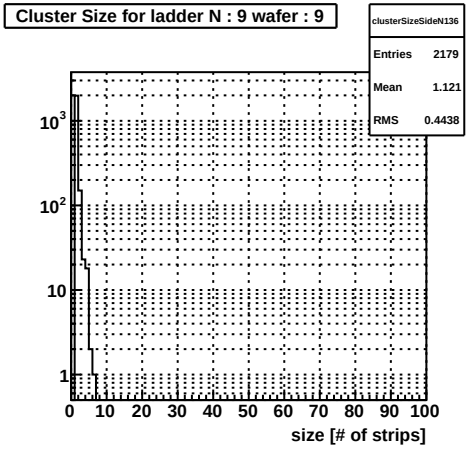

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9845
Mean 1.082
RMS 0.3972
size [# of strips]

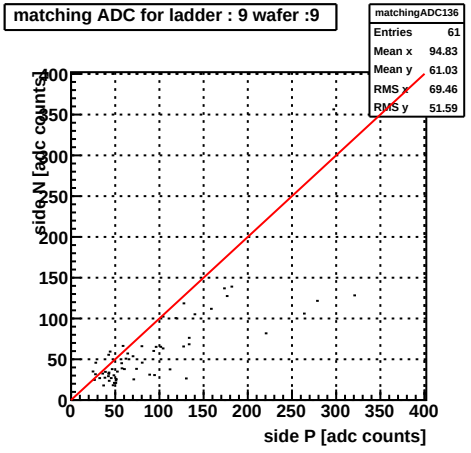

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 528
Mean x 50.68
Mean y 47.72
RMS x 46.25
RMS y 52.37
side N [adc counts]
side P [adc counts]

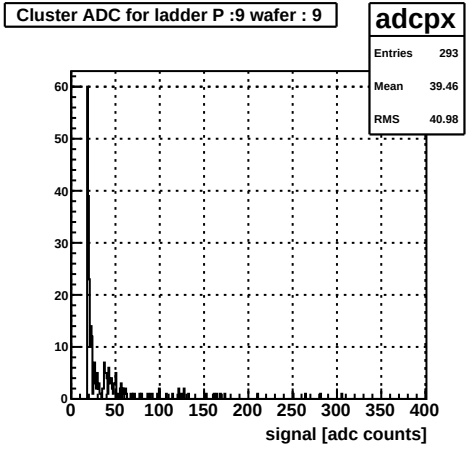

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 16071
Mean 29.36
RMS 20.28
signal [adc counts]

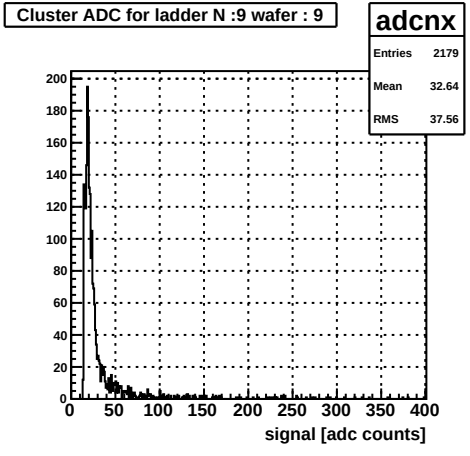

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9845
Mean 21.97
RMS 20.39
signal [adc counts]

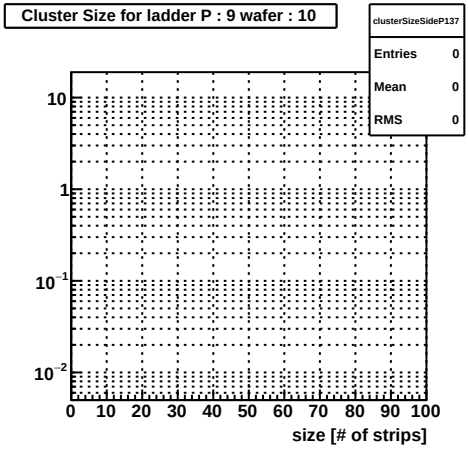

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 293
Mean 1.239
RMS 0.5001
size [# of strips]

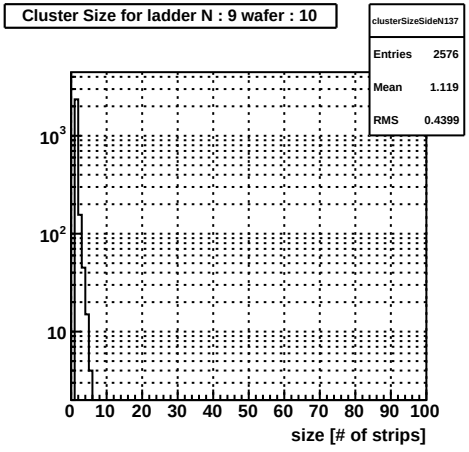

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2179
Mean 1.121
RMS 0.4438
size [# of strips]

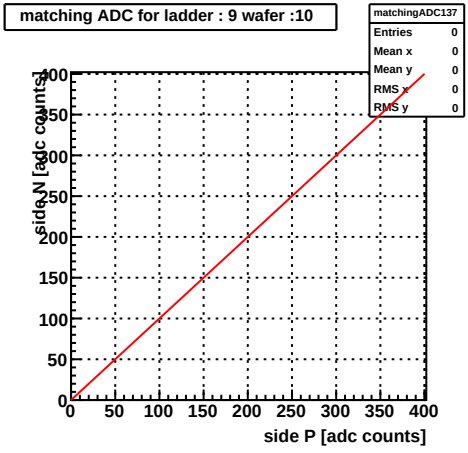

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 61
Mean x 94.83
Mean y 61.03
RMS x 69.46
RMS y 51.59
side N [adc counts]
side P [adc counts]

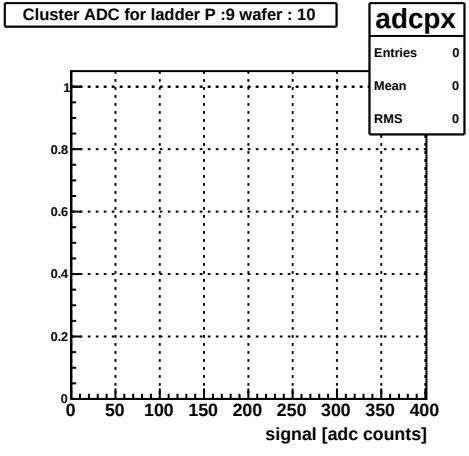

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 293
Mean 39.46
RMS 40.98
signal [adc counts]

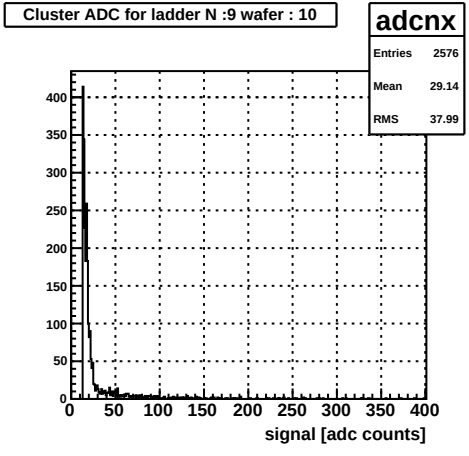

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2179
Mean 32.64
RMS 37.56
signal [adc counts]

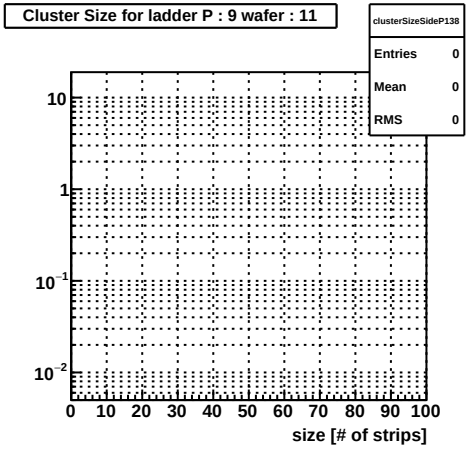

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

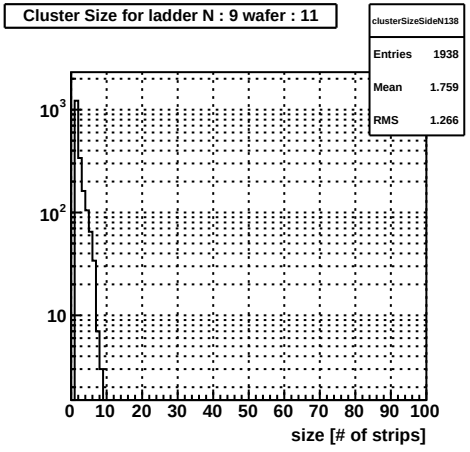

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2576
Mean 1.119
RMS 0.4399
size [# of strips]

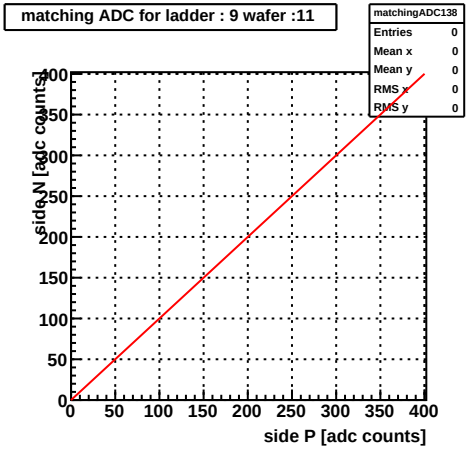

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

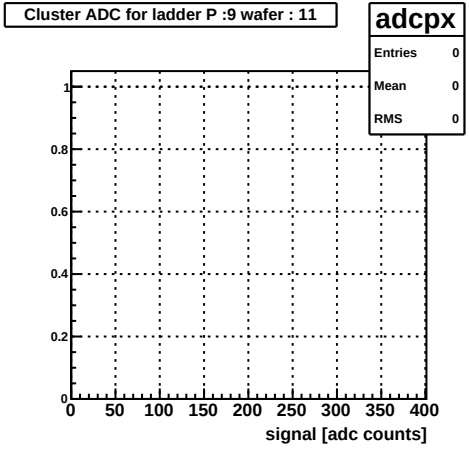

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

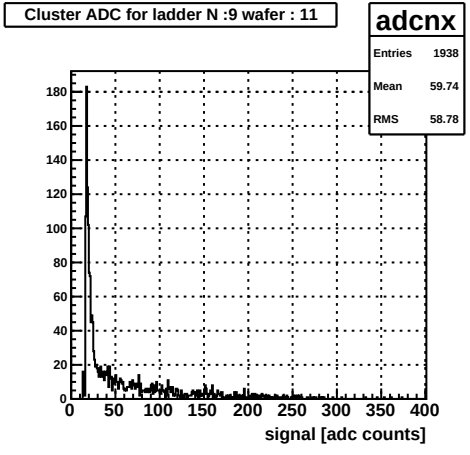

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2576
Mean 29.14
RMS 37.99
signal [adc counts]

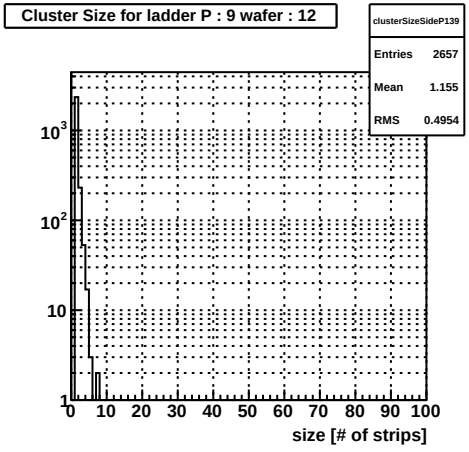

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

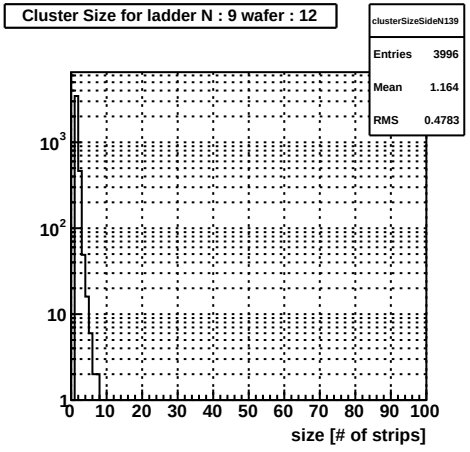

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1938
Mean 1.759
RMS 1.266
size [# of strips]

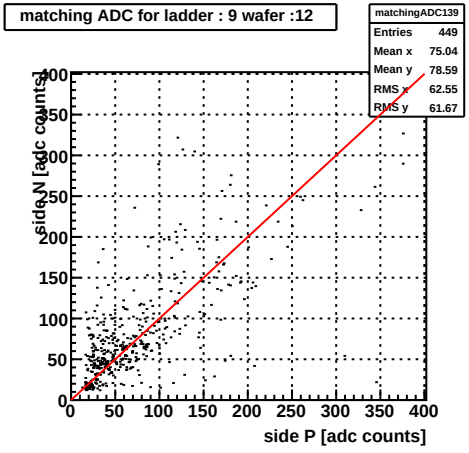

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

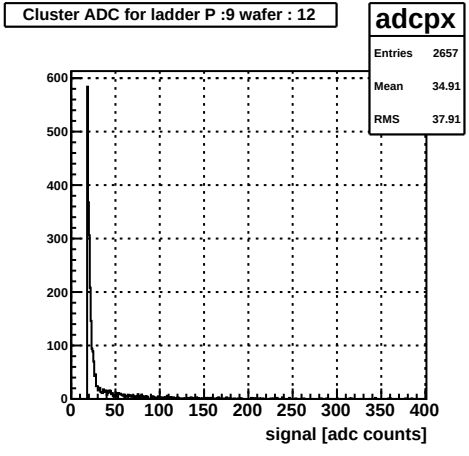

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

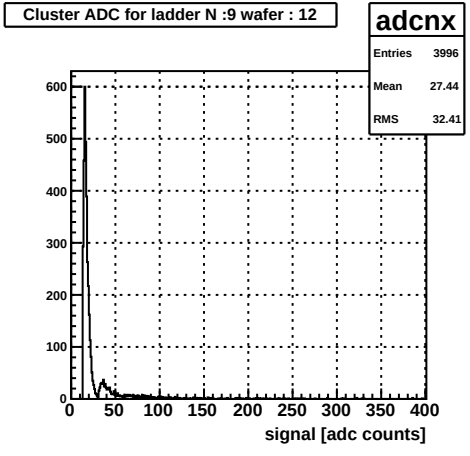

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1938
Mean 59.74
RMS 58.78
signal [adc counts]

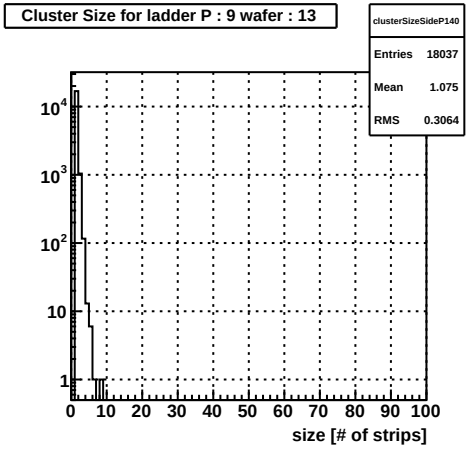

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2657
Mean 1.155
RMS 0.4954
size [# of strips]

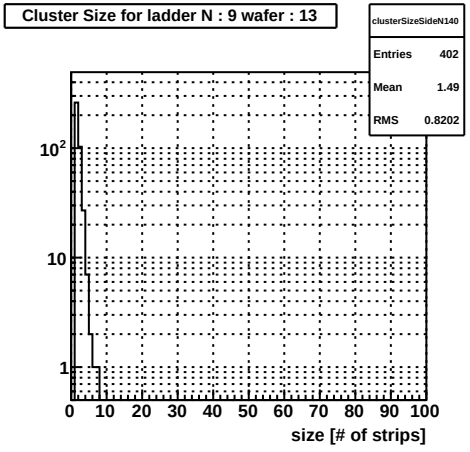

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3996
Mean 1.164
RMS 0.4783
size [# of strips]

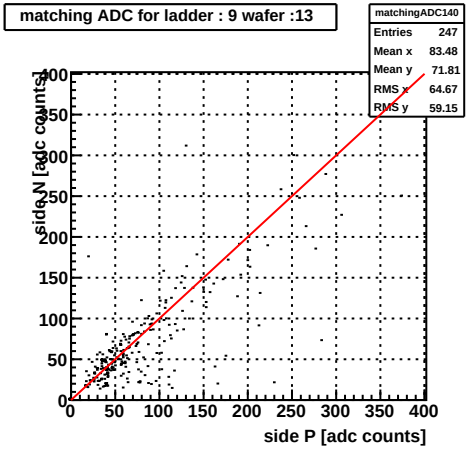

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 449
Mean x 75.04
Mean y 78.59
RMS x 62.55
RMS y 61.67
side N [adc counts]
side P [adc counts]

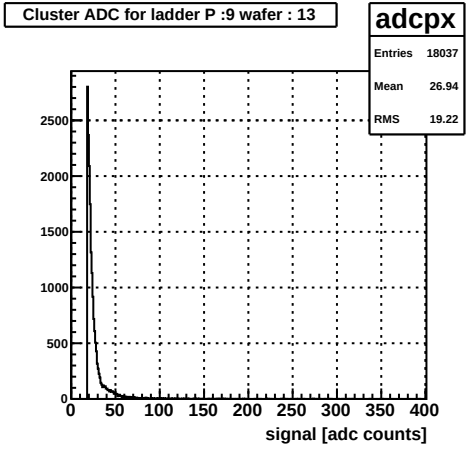

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2657
Mean 34.91
RMS 37.91
signal [adc counts]

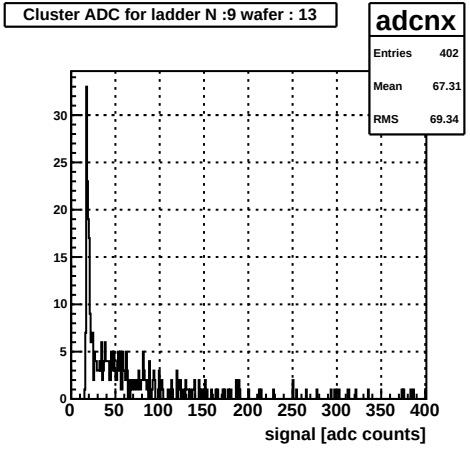

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3996
Mean 27.44
RMS 32.41
signal [adc counts]

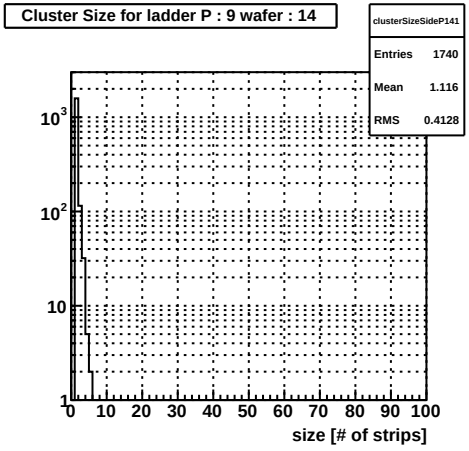

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 18037
Mean 1.075
RMS 0.3064
size [# of strips]

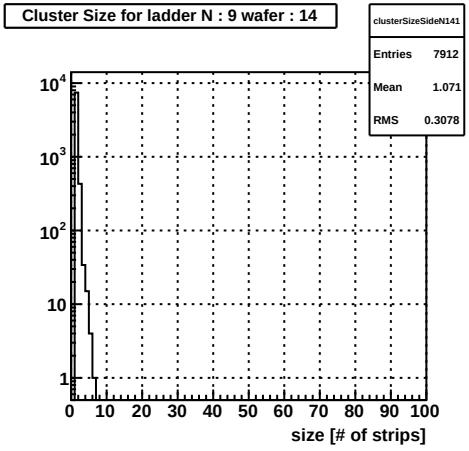

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 402
Mean 1.49
RMS 0.8202
size [# of strips]

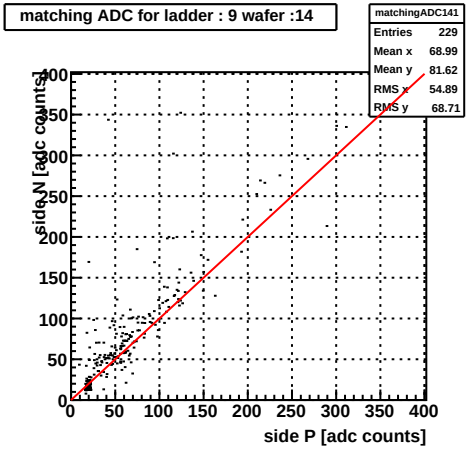

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 247
Mean x 83.48
Mean y 71.81
RMS x 64.67
RMS y 59.15
side N [adc counts]
side P [adc counts]

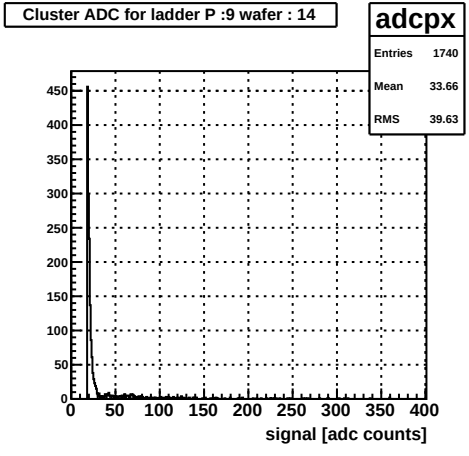

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 18037
Mean 26.94
RMS 19.22
signal [adc counts]

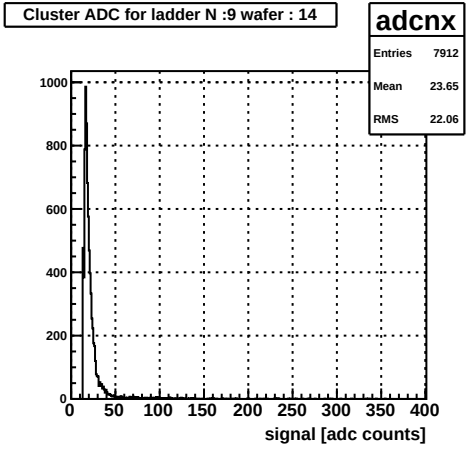

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 402
Mean 67.31
RMS 69.34
signal [adc counts]

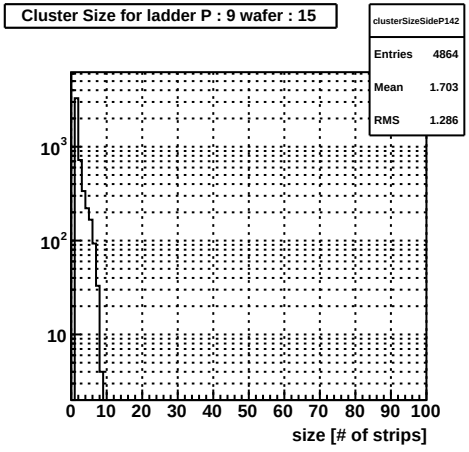

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1740
Mean 1.116
RMS 0.4128
size [# of strips]

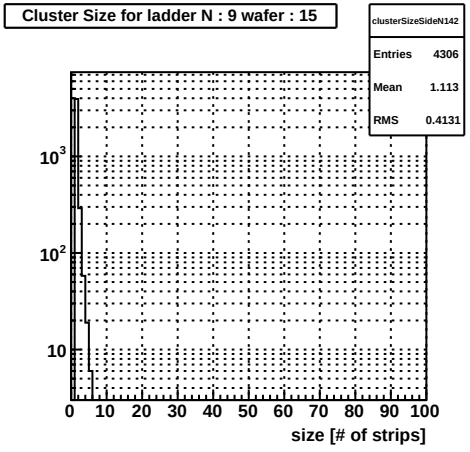

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 7912
Mean 1.071
RMS 0.3078
size [# of strips]

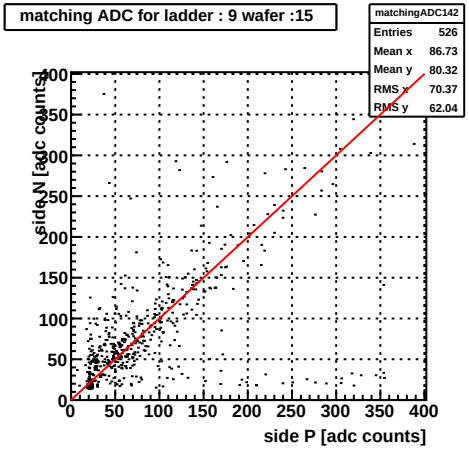

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 229
Mean x 68.99
Mean y 81.62
RMS x 54.89
RMS y 68.71
side N [adc counts]
side P [adc counts]

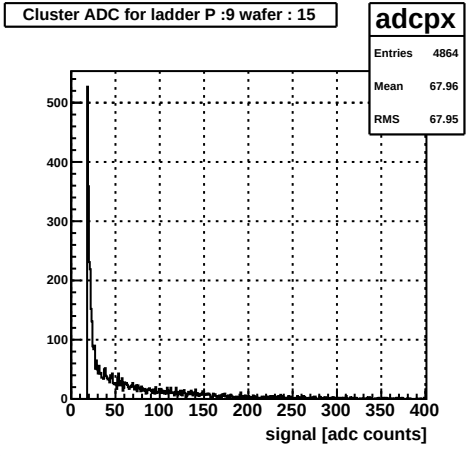

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1740
Mean 33.66
RMS 39.63
signal [adc counts]

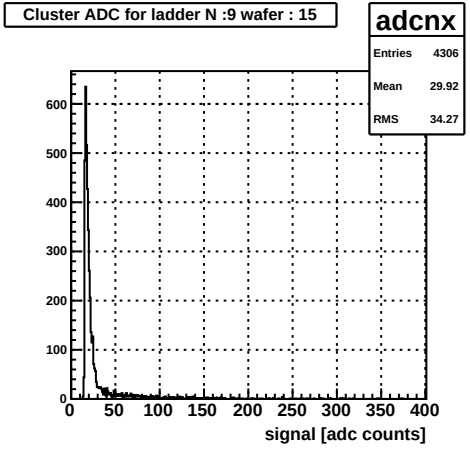

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 7912
Mean 23.65
RMS 22.06
signal [adc counts]

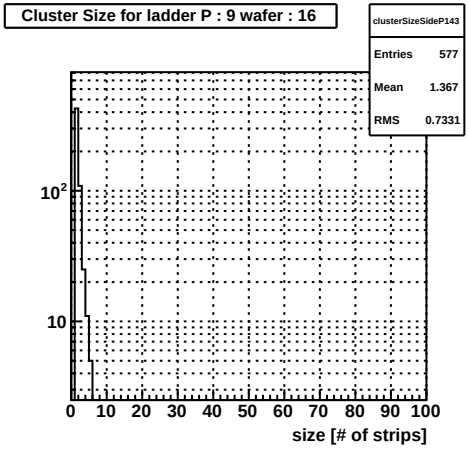

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4864
Mean 1.703
RMS 1.286
size [# of strips]

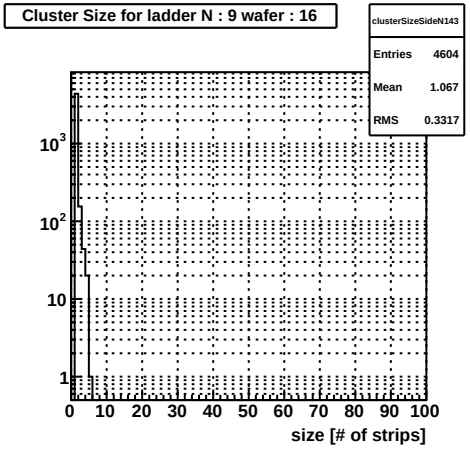

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4306
Mean 1.113
RMS 0.4131
size [# of strips]

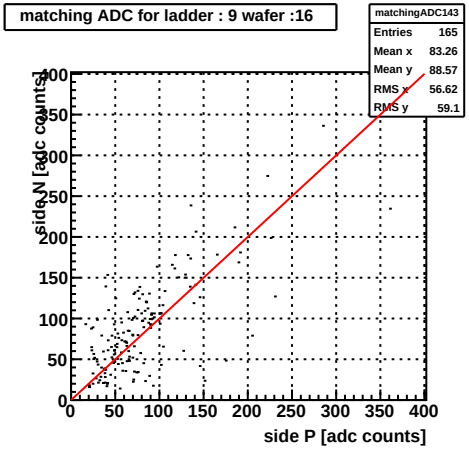

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 526
Mean x 86.73
Mean y 80.32
RMS x 70.37
RMS y 62.04
side N [adc counts]
side P [adc counts]

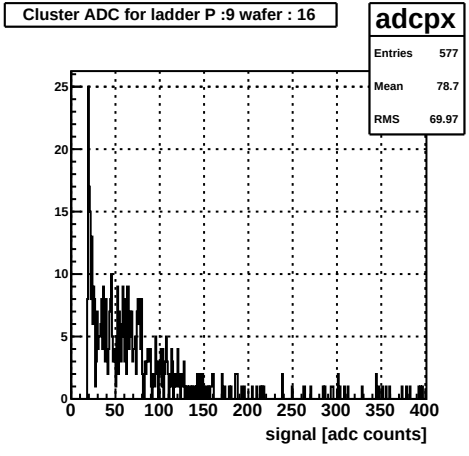

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4864
Mean 67.96
RMS 67.95
signal [adc counts]

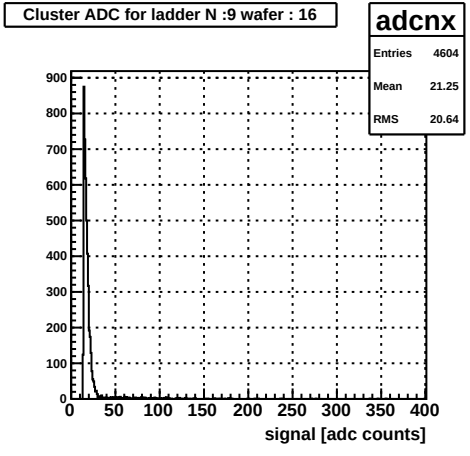

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4306
Mean 29.92
RMS 34.27
signal [adc counts]

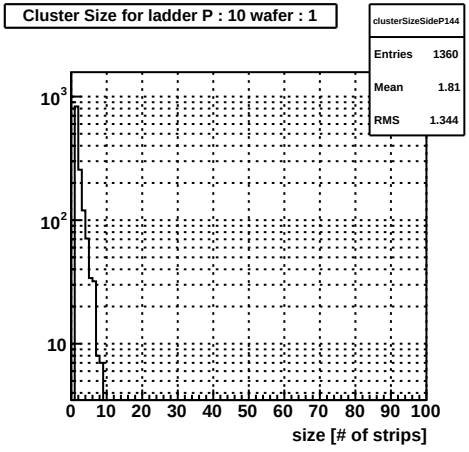

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 577
Mean 1.367
RMS 0.7331
size [# of strips]

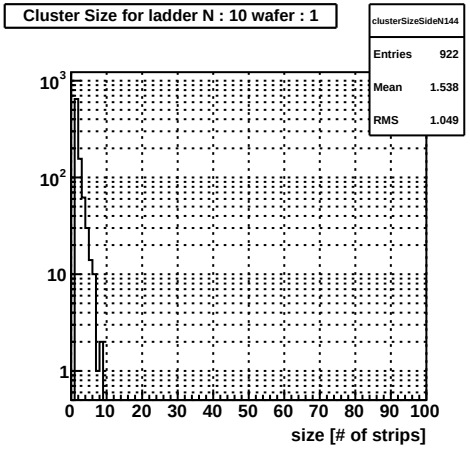

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4604
Mean 1.067
RMS 0.3317
size [# of strips]

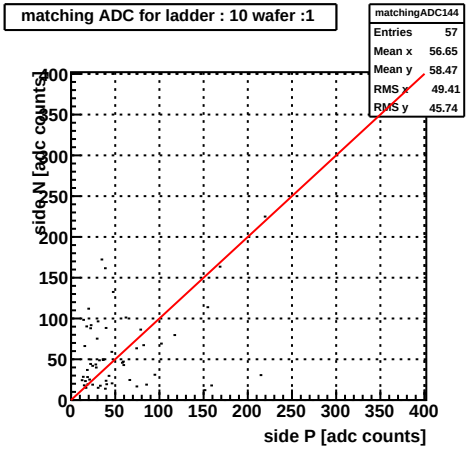

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 165
Mean x 83.26
Mean y 88.57
RMS x 56.62
RMS y 59.1
side N [adc counts]
side P [adc counts]

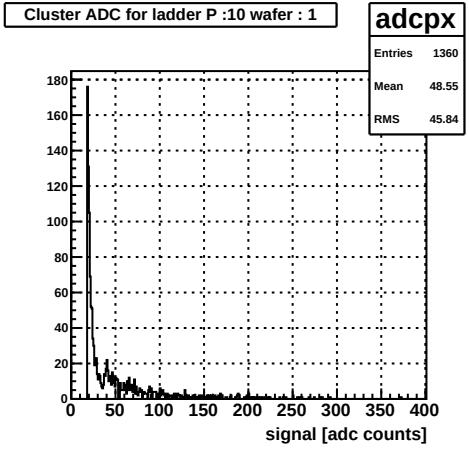

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 577
Mean 78.7
RMS 69.97
signal [adc counts]

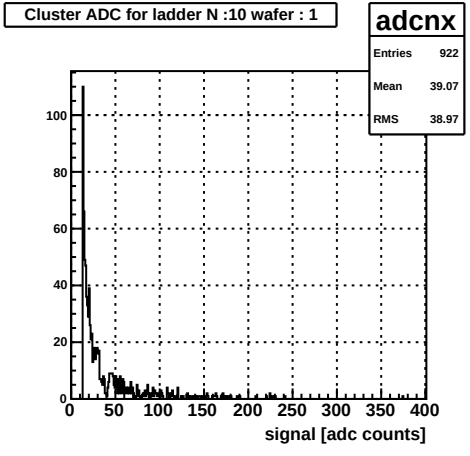

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4604
Mean 21.25
RMS 20.64
signal [adc counts]

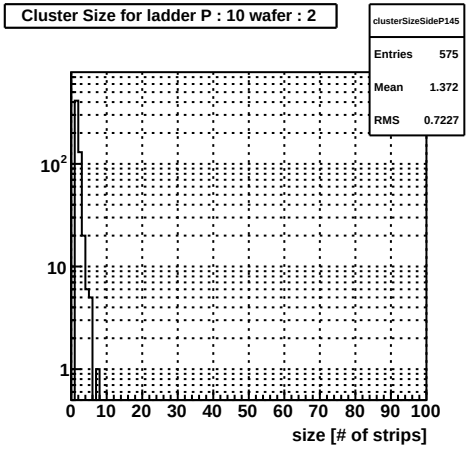

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1360
Mean 1.81
RMS 1.344
size [# of strips]

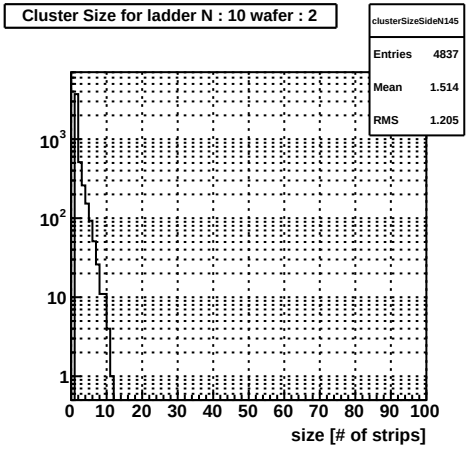

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 922
Mean 1.538
RMS 1.049
size [# of strips]

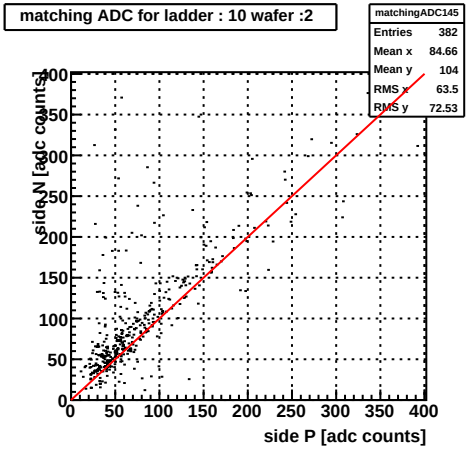

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 57
Mean x 56.65
Mean y 58.47
RMS x 49.41
RMS y 45.74
side N [adc counts]
side P [adc counts]

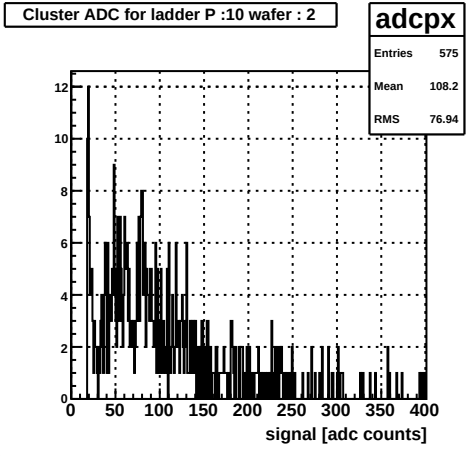

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1360
Mean 48.55
RMS 45.84
signal [adc counts]

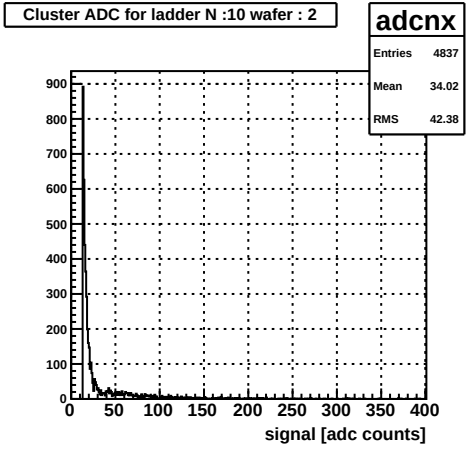

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 922
Mean 39.07
RMS 38.97
signal [adc counts]

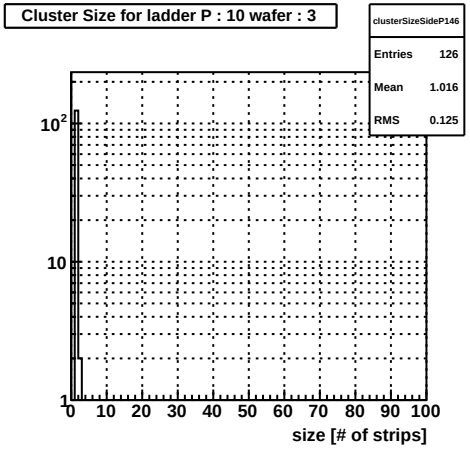

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 575
Mean 1.372
RMS 0.7227
size [# of strips]

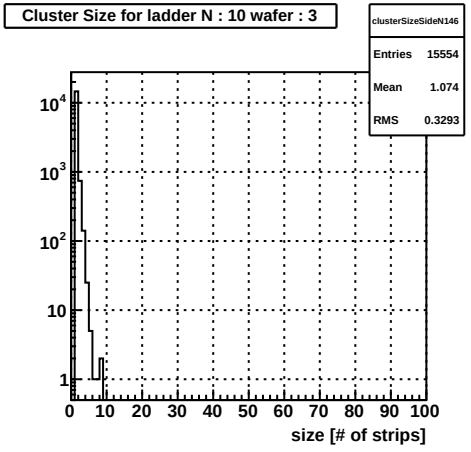

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4837
Mean 1.514
RMS 1.205
size [# of strips]

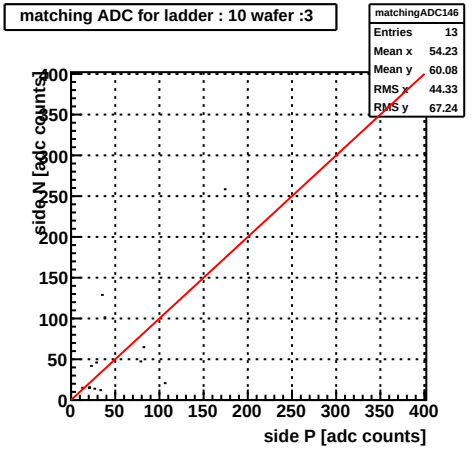

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 382
Mean x 84.66
Mean y 104
RMS x 63.5
RMS y 72.53
side N [adc counts]
side P [adc counts]

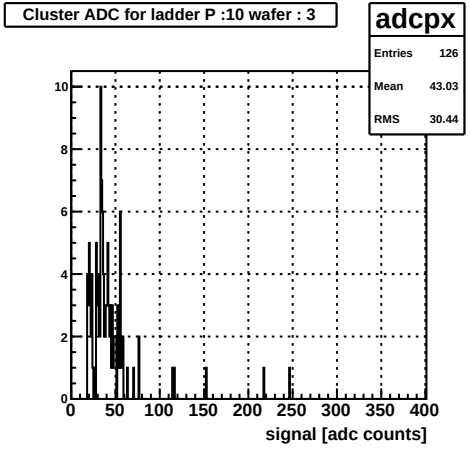

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 575
Mean 108.2
RMS 76.94
signal [adc counts]

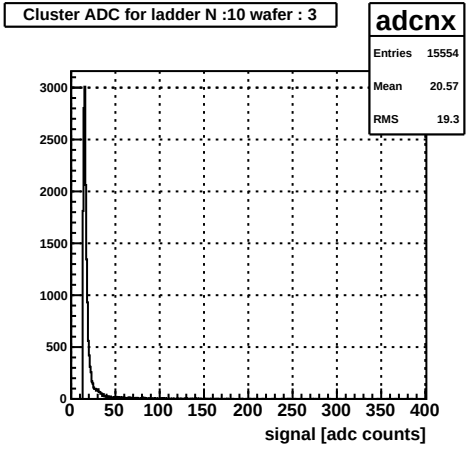

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4837
Mean 34.02
RMS 42.38
signal [adc counts]

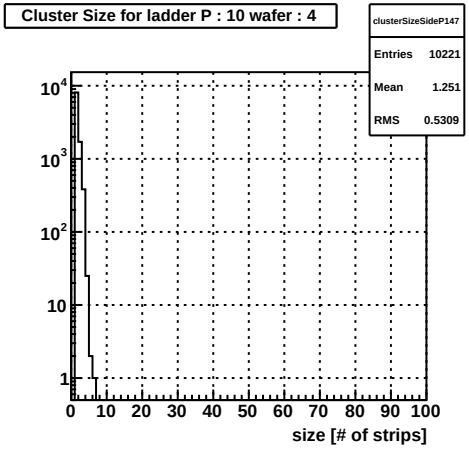

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 126
Mean 1.016
RMS 0.125
size [# of strips]

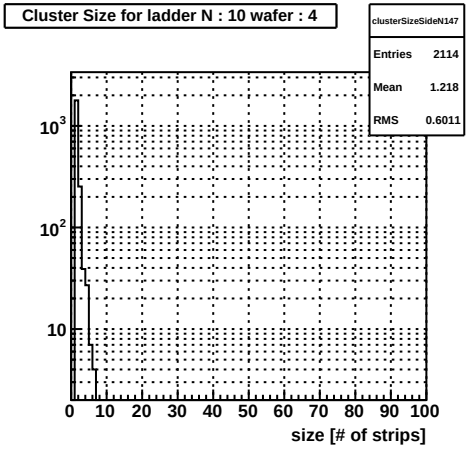

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15554
Mean 1.074
RMS 0.3293
size [# of strips]

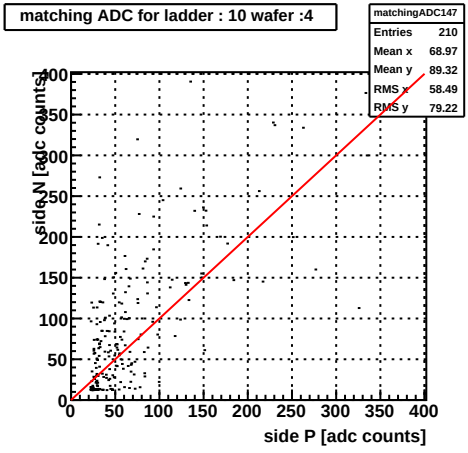

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 13
Mean x 54.23
Mean y 60.08
RMS x 44.33
RMS y 67.24
side N [adc counts]
side P [adc counts]

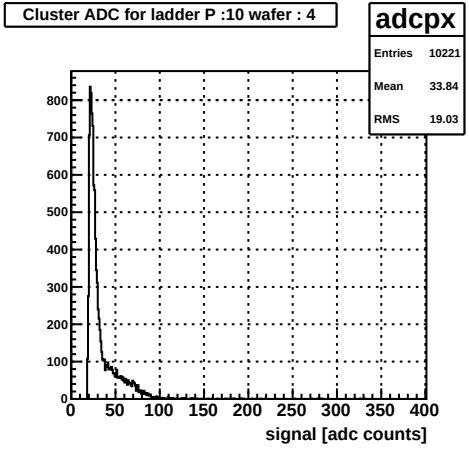

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 126
Mean 43.03
RMS 30.44
signal [adc counts]

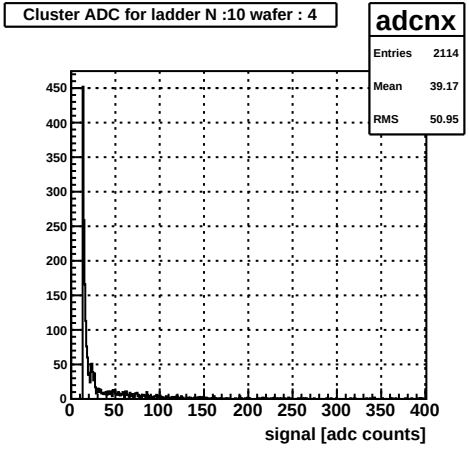

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15554
Mean 20.57
RMS 19.3
signal [adc counts]

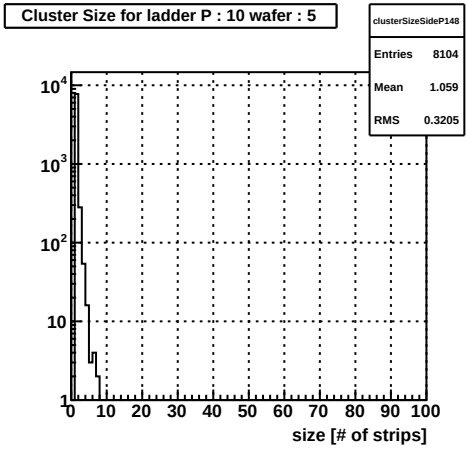

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 10221
Mean 1.251
RMS 0.5309
size [# of strips]

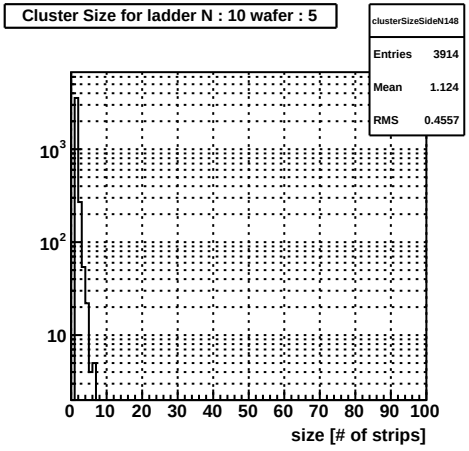

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2114
Mean 1.218
RMS 0.6011
size [# of strips]

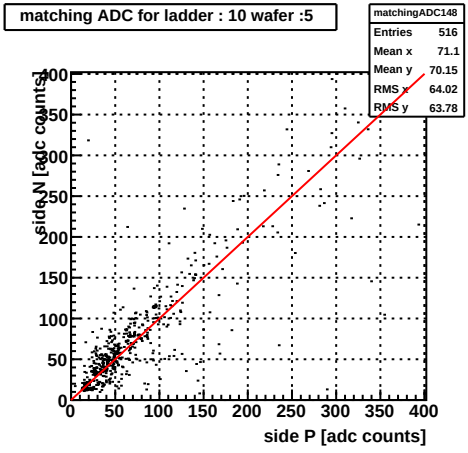

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 210
Mean x 68.97
Mean y 89.32
RMS x 58.49
RMS y 79.22
side N [adc counts]
side P [adc counts]

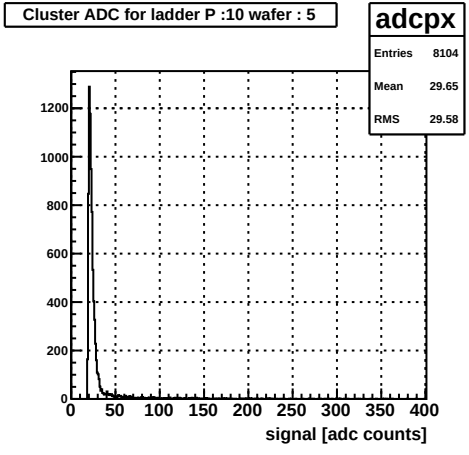

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 10221
Mean 33.84
RMS 19.03
signal [adc counts]

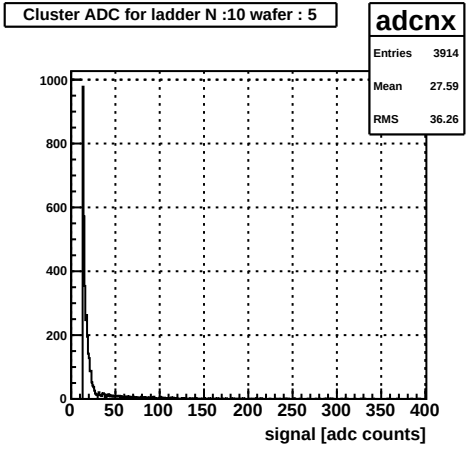

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2114
Mean 39.17
RMS 50.95
signal [adc counts]

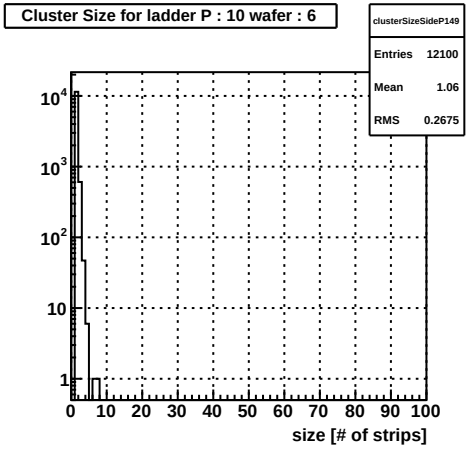

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8104
Mean 1.059
RMS 0.3205
size [# of strips]

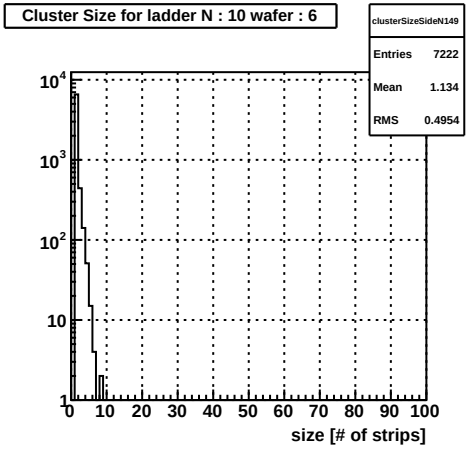

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3914
Mean 1.124
RMS 0.4557
size [# of strips]

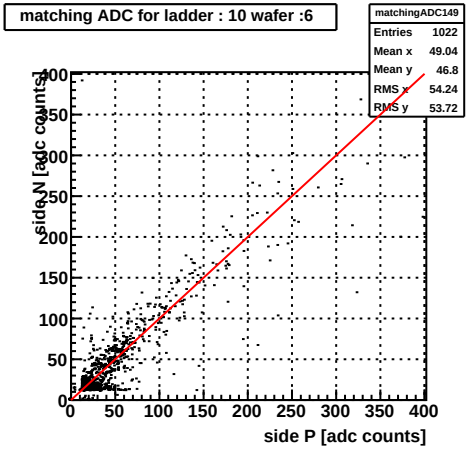

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 516
Mean x 71.1
Mean y 70.15
RMS x 64.02
RMS y 63.78
side N [adc counts]
side P [adc counts]

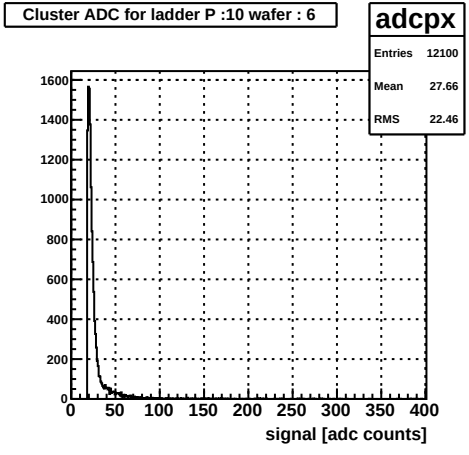

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8104
Mean 29.65
RMS 29.58
signal [adc counts]

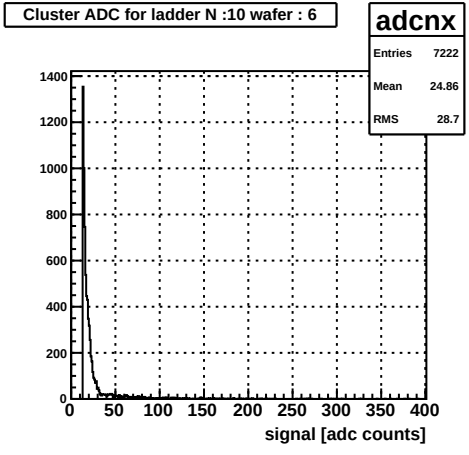

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3914
Mean 27.59
RMS 36.26
signal [adc counts]

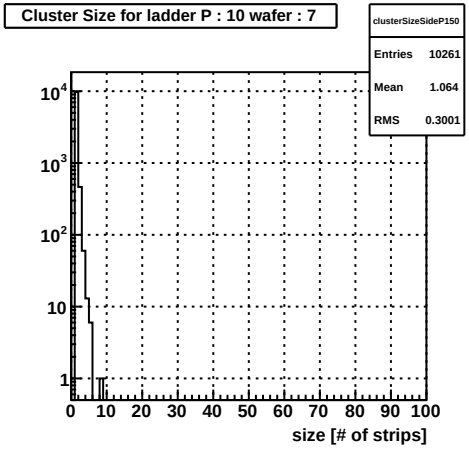

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 12100
Mean 1.06
RMS 0.2675
size [# of strips]

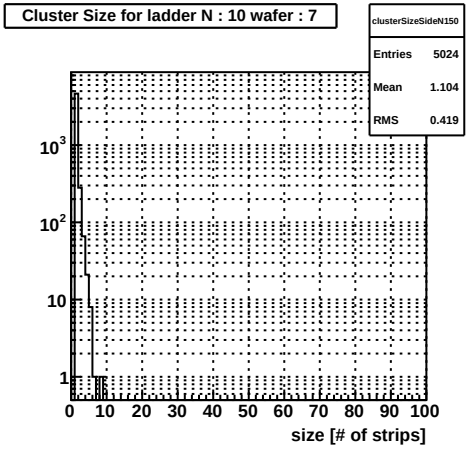

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 7222
Mean 1.134
RMS 0.4954
size [# of strips]

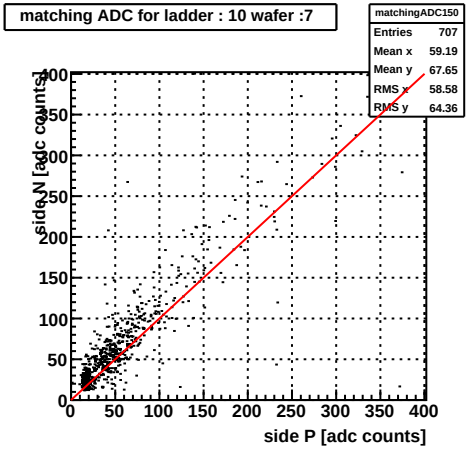

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1022
Mean x 49.04
Mean y 46.8
RMS x 54.24
RMS y 53.72
side N [adc counts]
side P [adc counts]

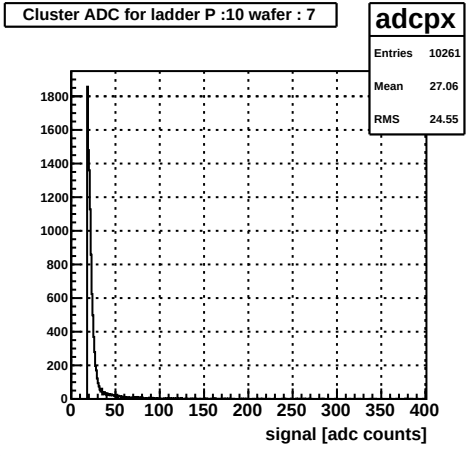

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 12100
Mean 27.66
RMS 22.46
signal [adc counts]

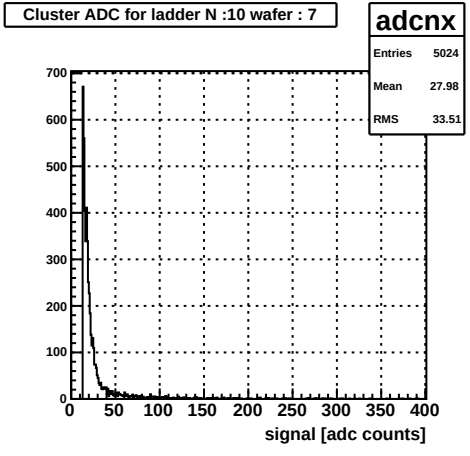

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 7222
Mean 24.86
RMS 28.7
signal [adc counts]

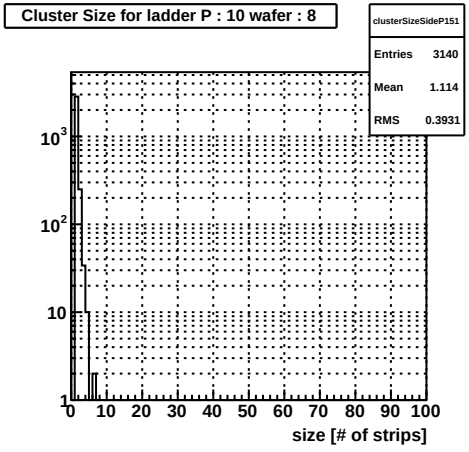

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10261
Mean 1.064
RMS 0.3001
size [# of strips]

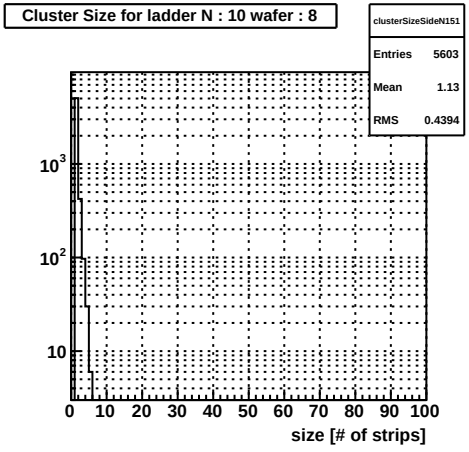

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5024
Mean 1.104
RMS 0.419
size [# of strips]

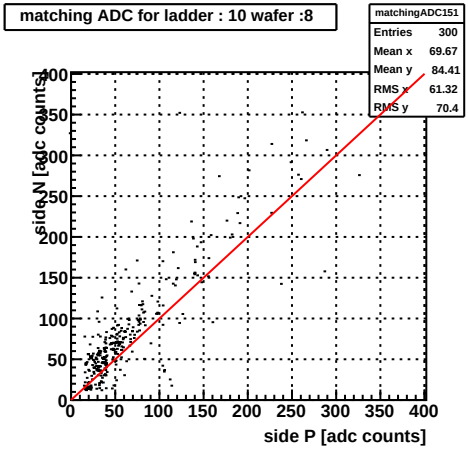

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 707
Mean x 59.19
Mean y 67.65
RMS x 58.58
RMS y 64.36
side N [adc counts]
side P [adc counts]

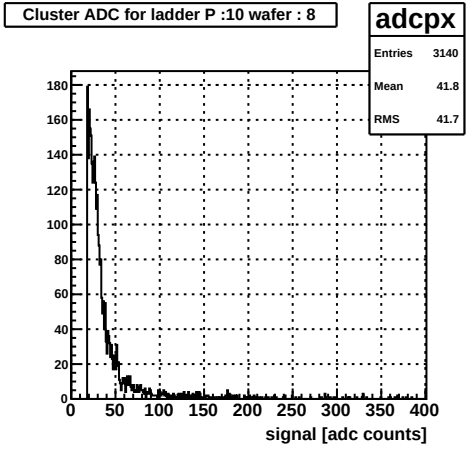

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10261
Mean 27.06
RMS 24.55
signal [adc counts]

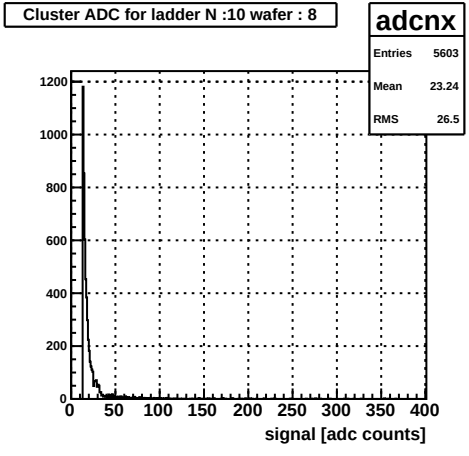

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5024
Mean 27.98
RMS 33.51
signal [adc counts]

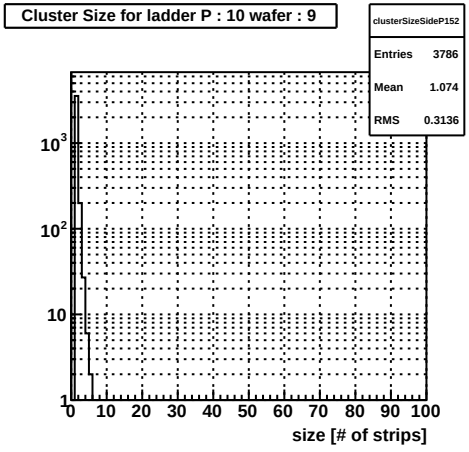

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3140
Mean 1.114
RMS 0.3931
size [# of strips]

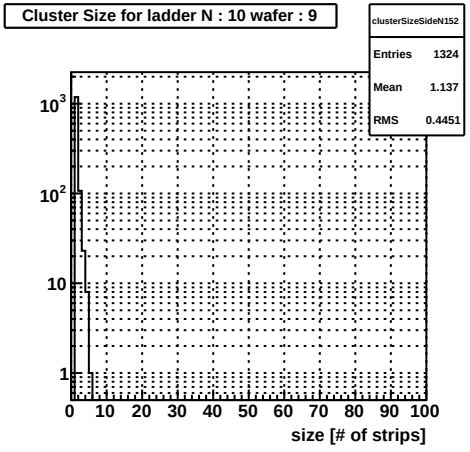

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5603
Mean 1.13
RMS 0.4394
size [# of strips]

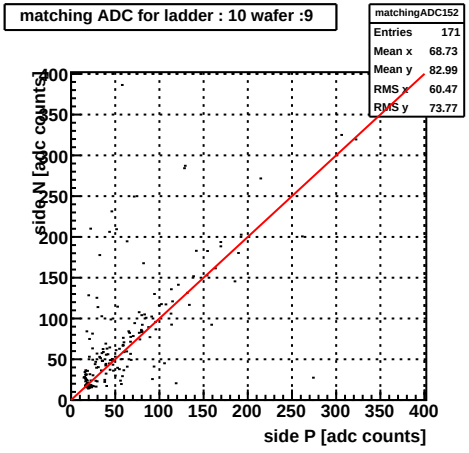

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 300
Mean x 69.67
Mean y 84.41
RMS x 61.32
RMS y 70.4
side N [adc counts]
side P [adc counts]

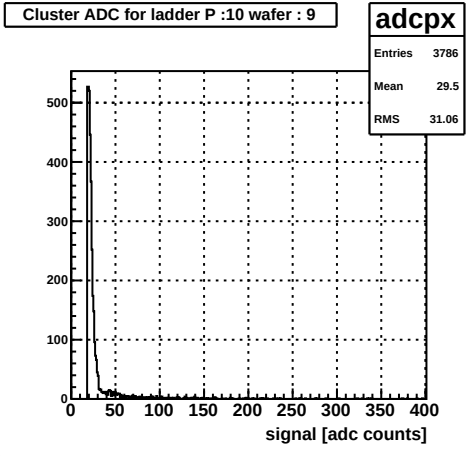

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3140
Mean 41.8
RMS 41.7
signal [adc counts]

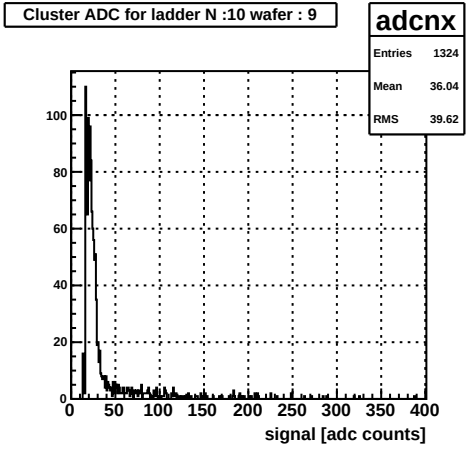

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5603
Mean 23.24
RMS 26.5
signal [adc counts]

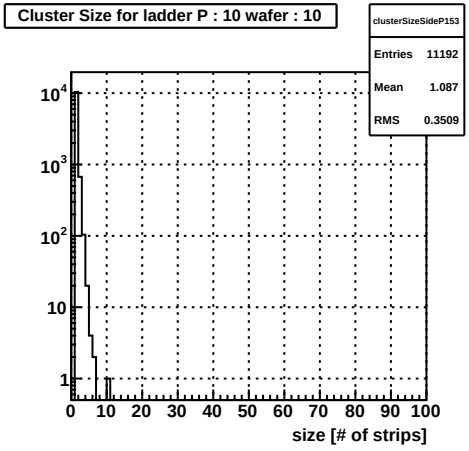

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3786
Mean 1.074
RMS 0.3136
size [# of strips]

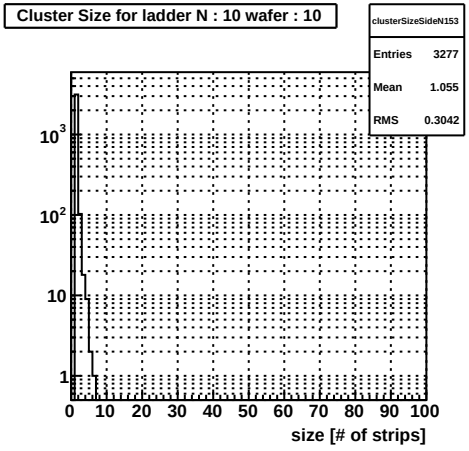

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1324
Mean 1.137
RMS 0.4451
size [# of strips]

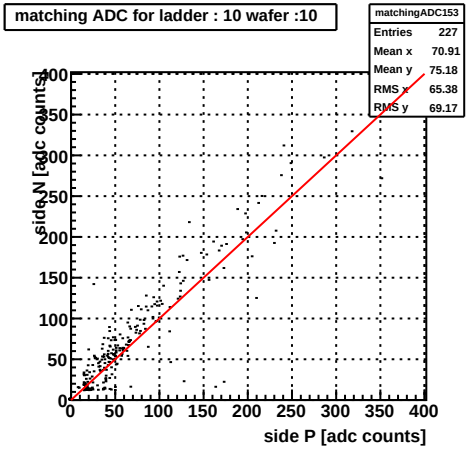

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 171
Mean x 68.73
Mean y 82.99
RMS x 60.47
RMS y 73.77
side N [adc counts]
side P [adc counts]

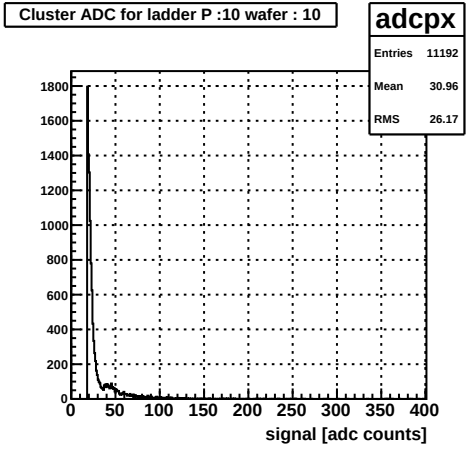

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3786
Mean 29.5
RMS 31.06
signal [adc counts]

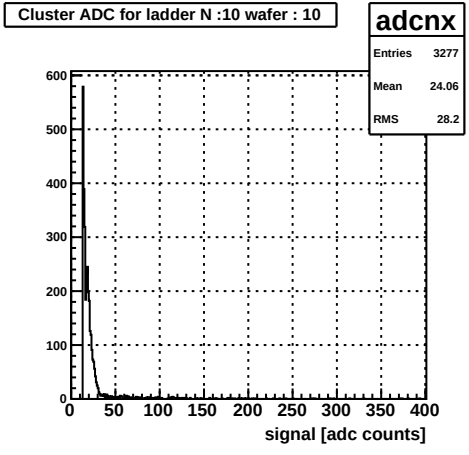

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1324
Mean 36.04
RMS 39.62
signal [adc counts]

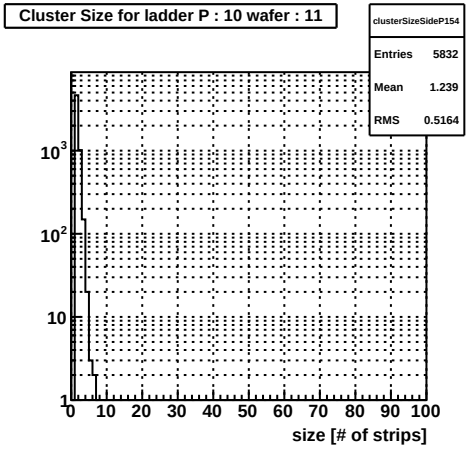

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11192
Mean 1.087
RMS 0.3509
size [# of strips]

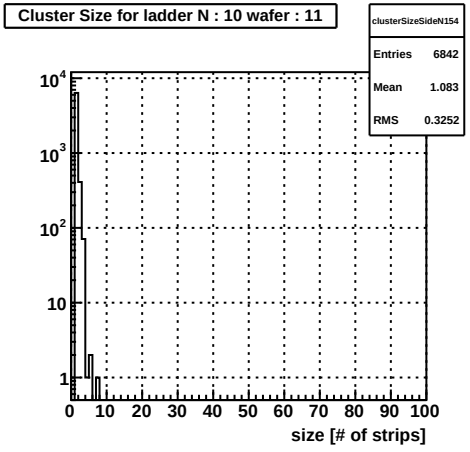

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3277
Mean 1.055
RMS 0.3042
size [# of strips]

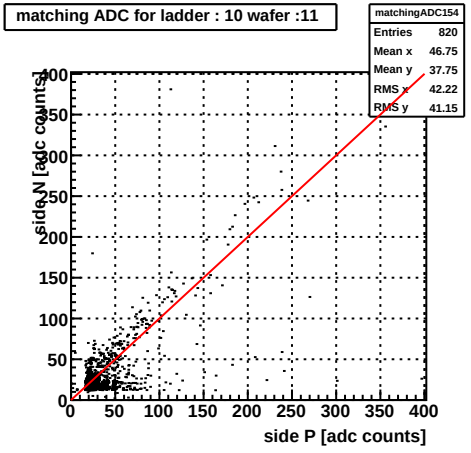

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 227
Mean x 70.91
Mean y 75.18
RMS x 65.38
RMS y 69.17
side N [adc counts]
side P [adc counts]

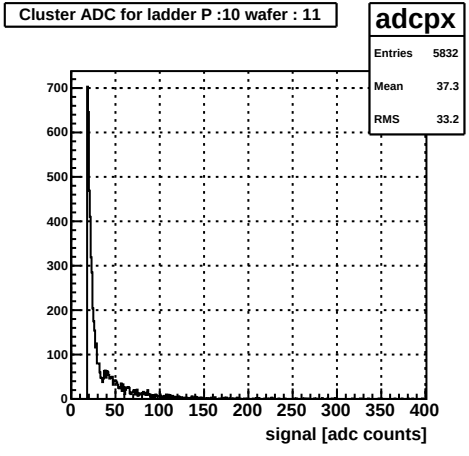

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11192
Mean 30.96
RMS 26.17
signal [adc counts]

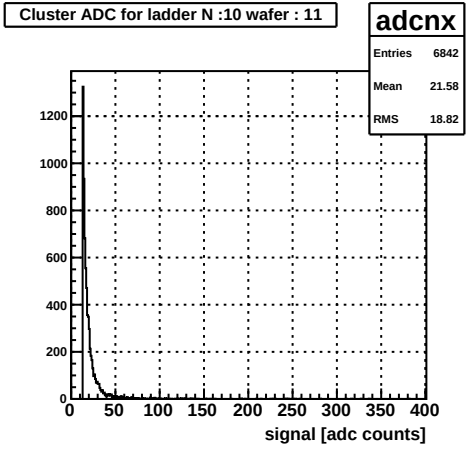

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3277
Mean 24.06
RMS 28.2
signal [adc counts]

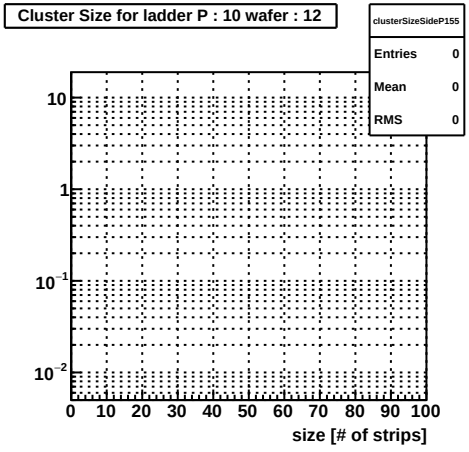

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5832
Mean 1.239
RMS 0.5164
size [# of strips]

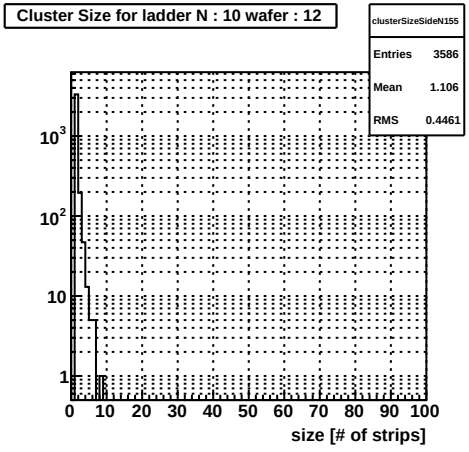

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6842
Mean 1.083
RMS 0.3252
size [# of strips]

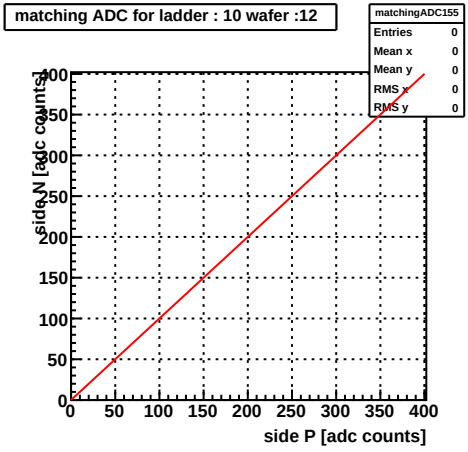

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 820
Mean x 46.75
Mean y 37.75
RMS x 42.22
RMS y 41.15
side N [adc counts]
side P [adc counts]

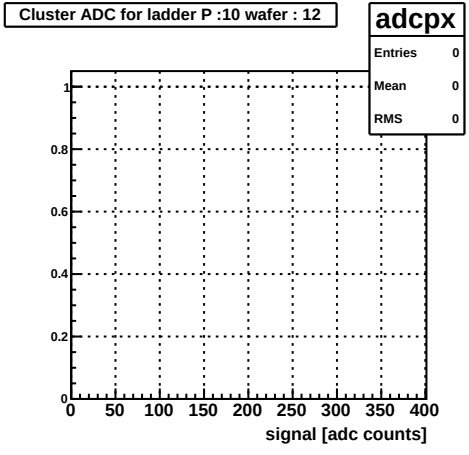

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5832
Mean 37.3
RMS 33.2
signal [adc counts]

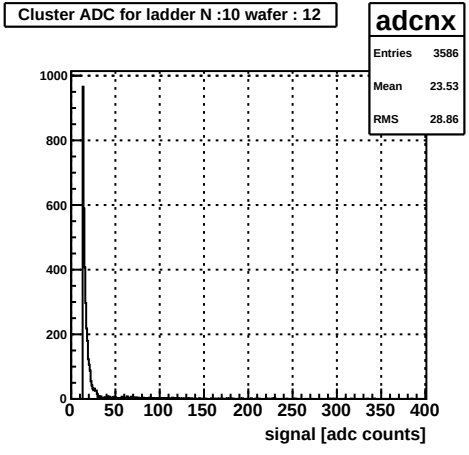

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6842
Mean 21.58
RMS 18.82
signal [adc counts]

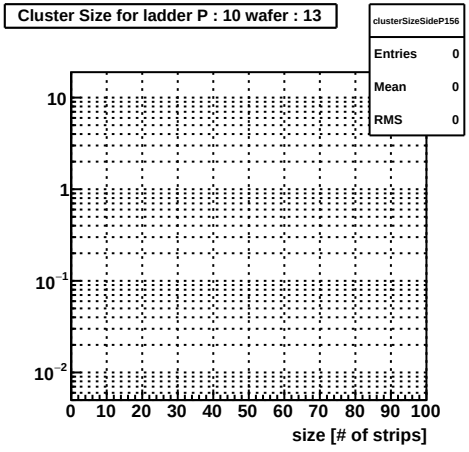

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

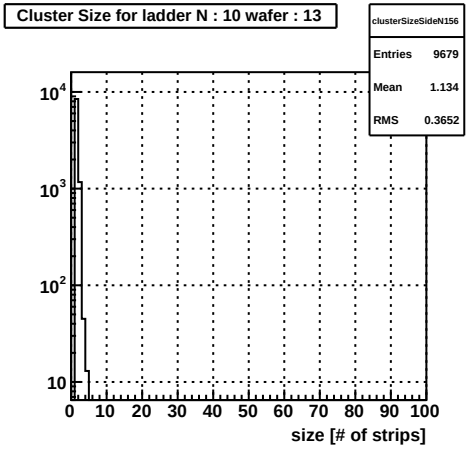

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3586
Mean 1.106
RMS 0.4461
size [# of strips]

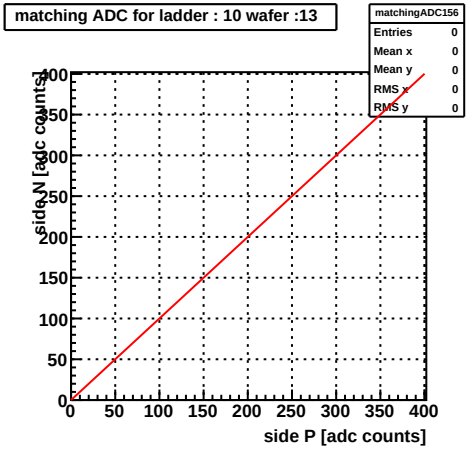

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

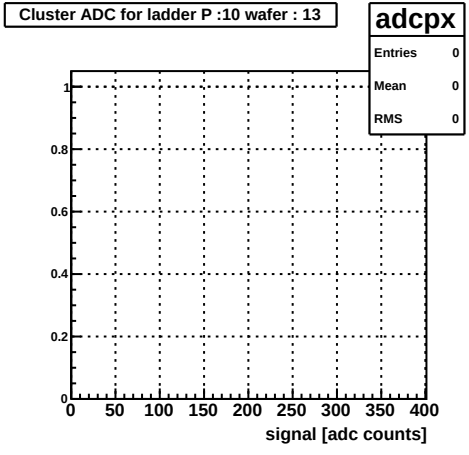

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

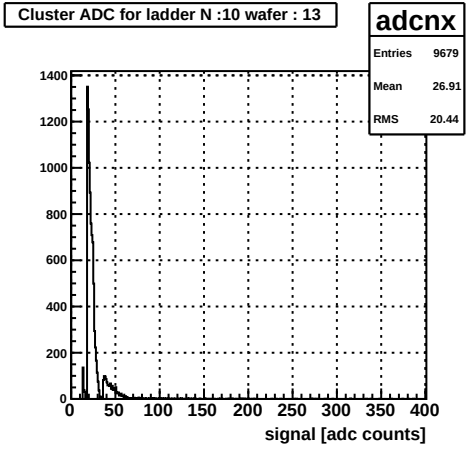

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3586
Mean 23.53
RMS 28.86
signal [adc counts]

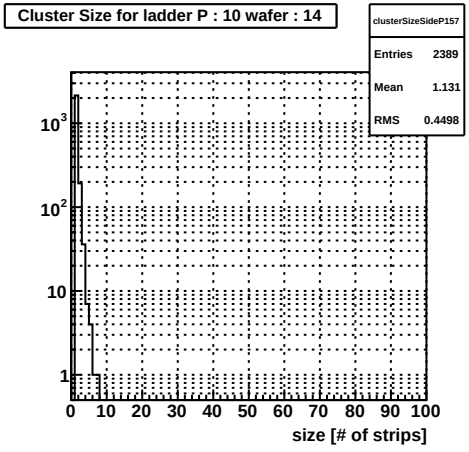

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

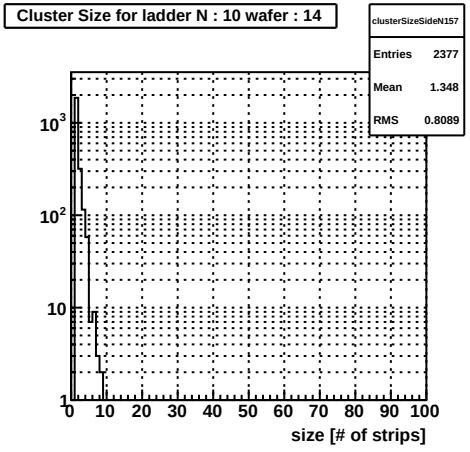

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 9679
Mean 1.134
RMS 0.3652
size [# of strips]

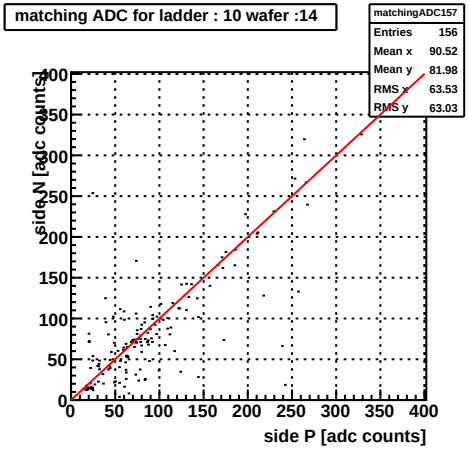

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

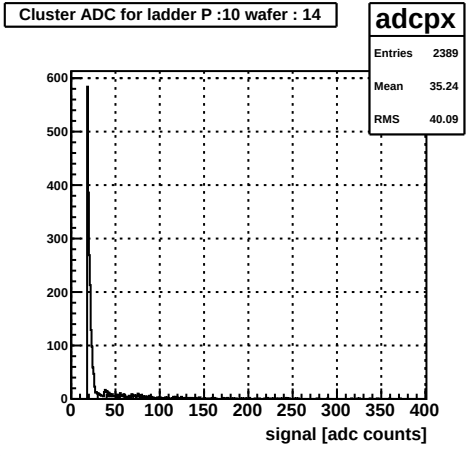

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

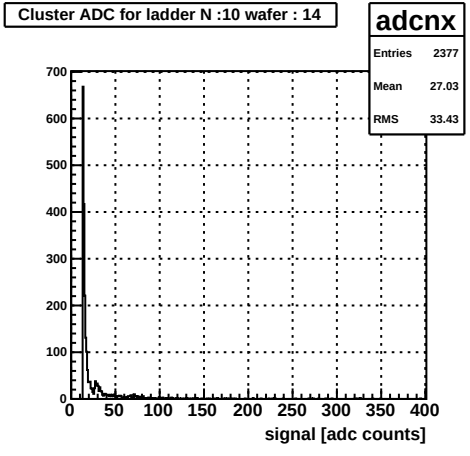

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 9679
Mean 26.91
RMS 20.44
signal [adc counts]

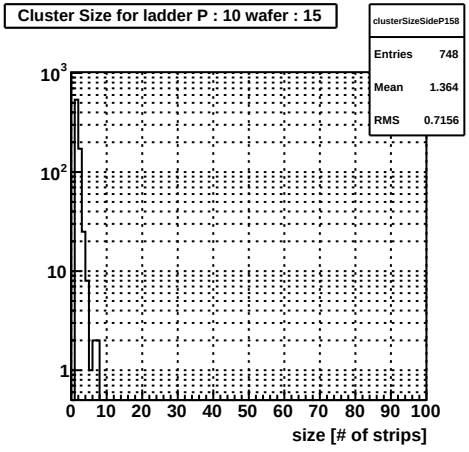

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2389
Mean 1.131
RMS 0.4498
size [# of strips]

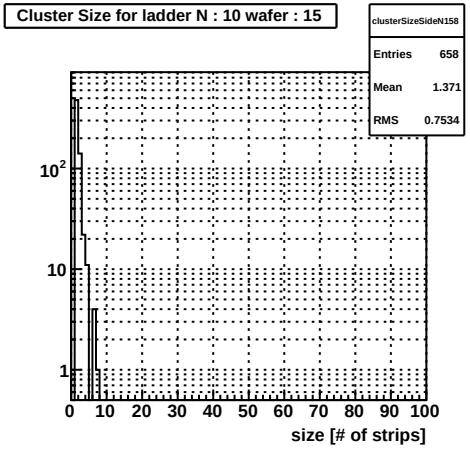

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2377
Mean 1.348
RMS 0.8089
size [# of strips]

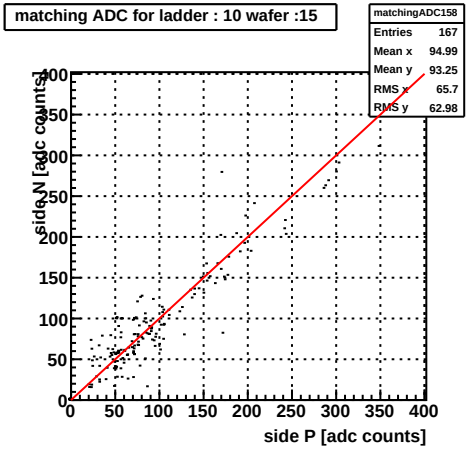

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 156
Mean x 90.52
Mean y 81.98
RMS x 63.53
RMS y 63.03
side N [adc counts]
side P [adc counts]

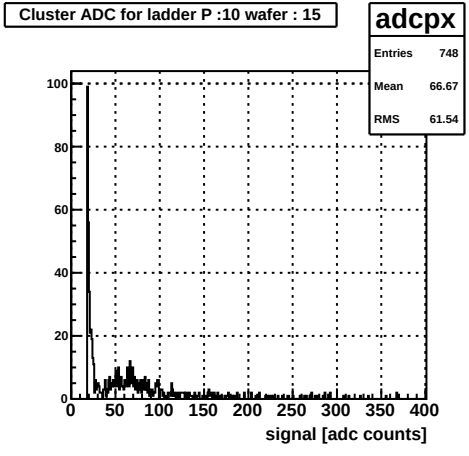

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2389
Mean 35.24
RMS 40.09
signal [adc counts]

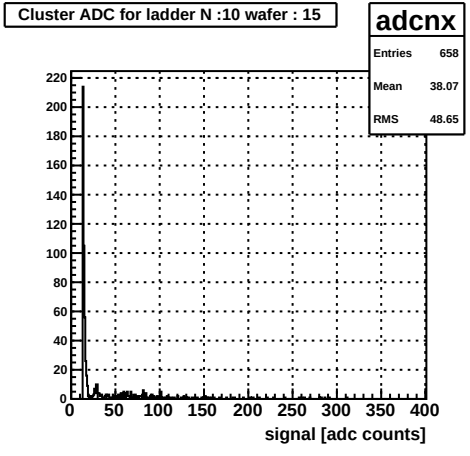

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2377
Mean 27.03
RMS 33.43
signal [adc counts]

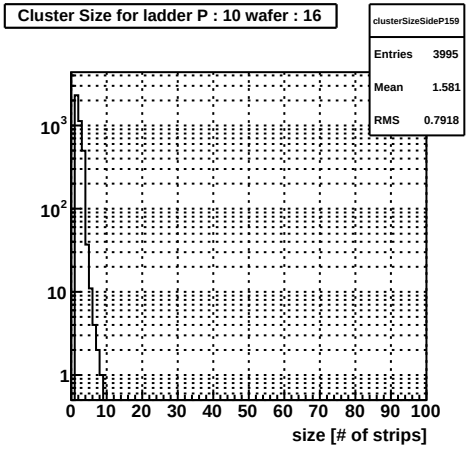

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 748
Mean 1.364
RMS 0.7156
size [# of strips]

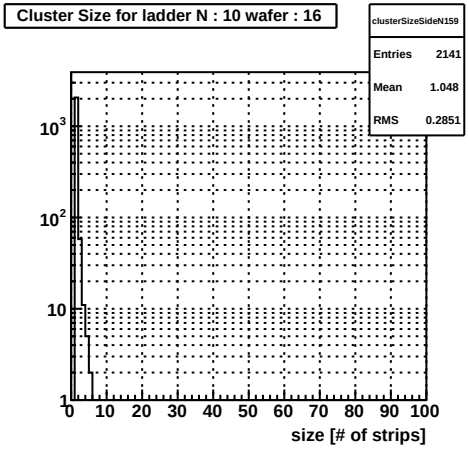

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 658
Mean 1.371
RMS 0.7534
size [# of strips]

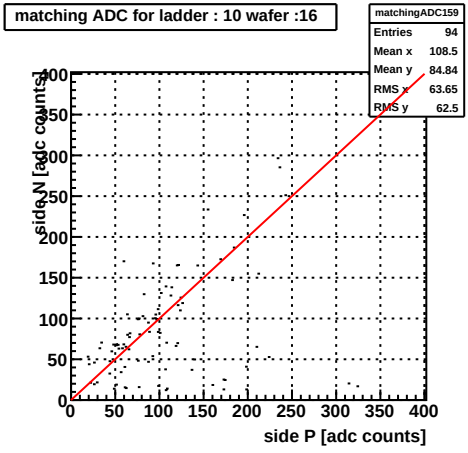

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 167
Mean x 94.99
Mean y 93.25
RMS x 65.7
RMS y 62.98
side N [adc counts]
side P [adc counts]

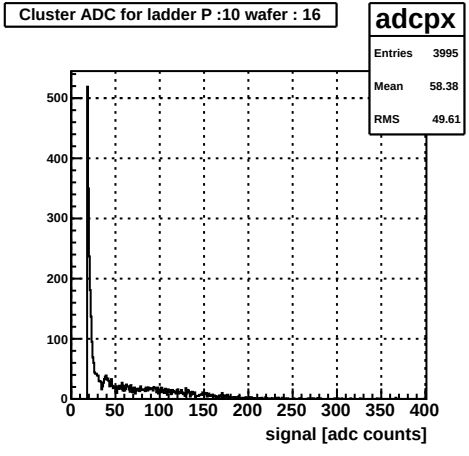

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 748
Mean 66.67
RMS 61.54
signal [adc counts]

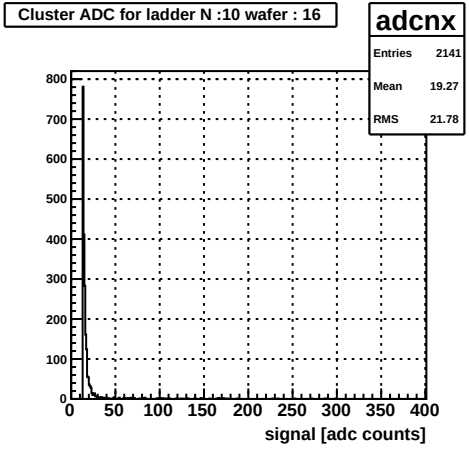

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 658
Mean 38.07
RMS 48.65
signal [adc counts]

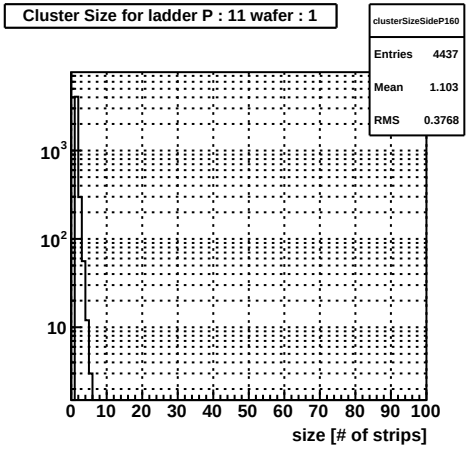

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3995
Mean 1.581
RMS 0.7918
size [# of strips]

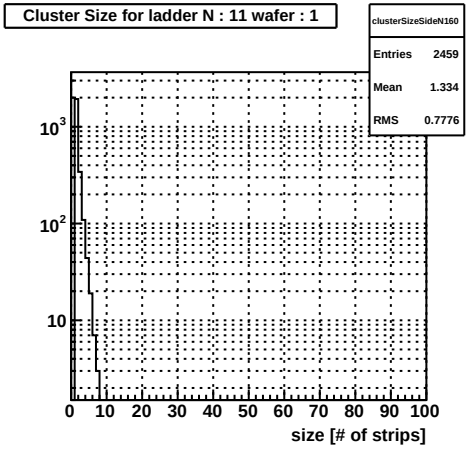

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2141
Mean 1.048
RMS 0.2851
size [# of strips]

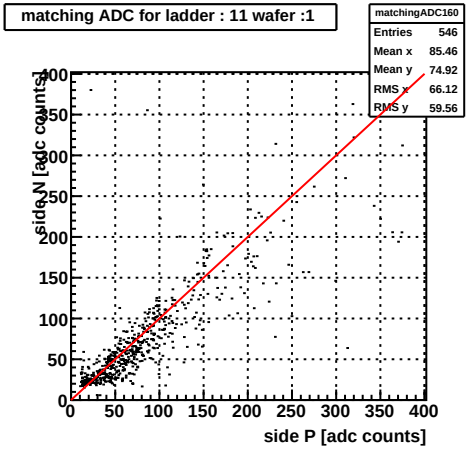

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 94
Mean x 108.5
Mean y 84.84
RMS x 63.65
RMS y 62.5
side N [adc counts]
side P [adc counts]

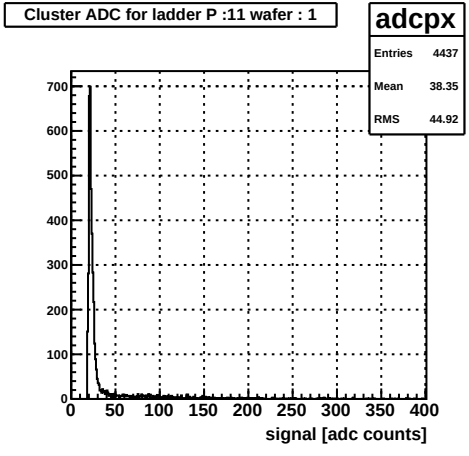

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3995
Mean 58.38
RMS 49.61
signal [adc counts]

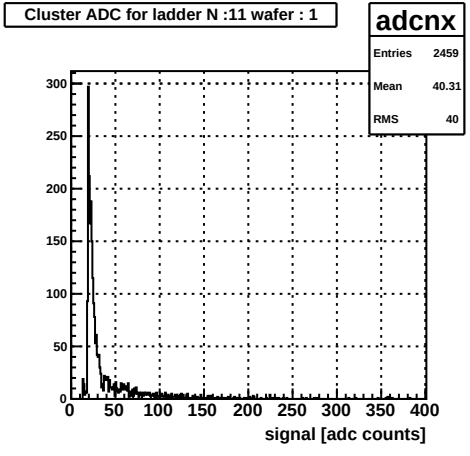

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2141
Mean 19.27
RMS 21.78
signal [adc counts]

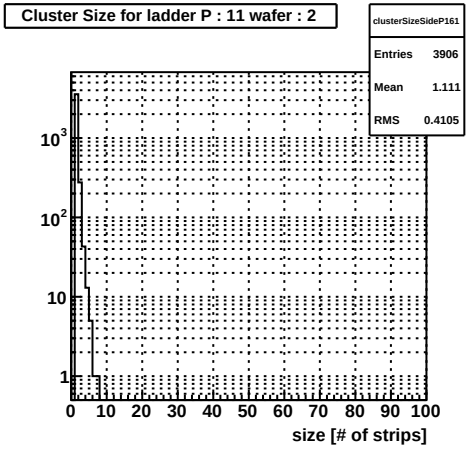

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4437
Mean 1.103
RMS 0.3768
size [# of strips]

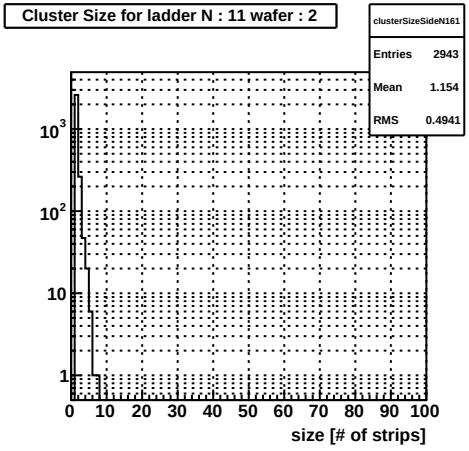

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2459
Mean 1.334
RMS 0.7776
size [# of strips]

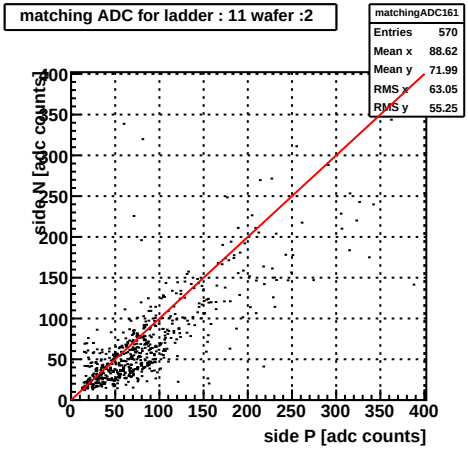

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 546
Mean x 85.46
Mean y 74.92
RMS x 66.12
RMS y 59.56
side N [adc counts]
side P [adc counts]

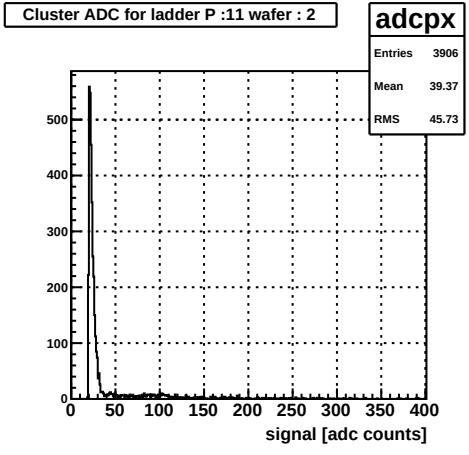

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4437
Mean 38.35
RMS 44.92
signal [adc counts]

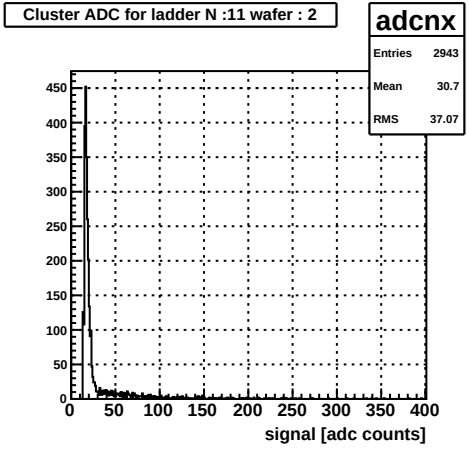

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2459
Mean 40.31
RMS 40
signal [adc counts]

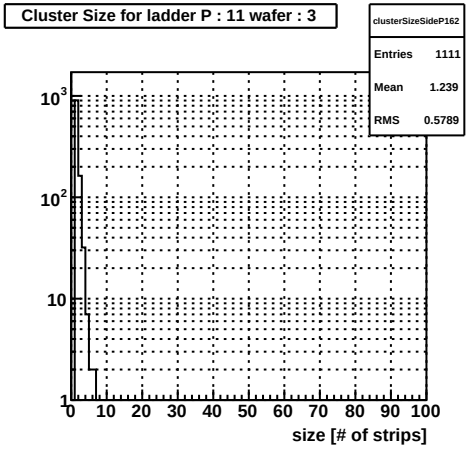

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3906
Mean 1.111
RMS 0.4105
size [# of strips]

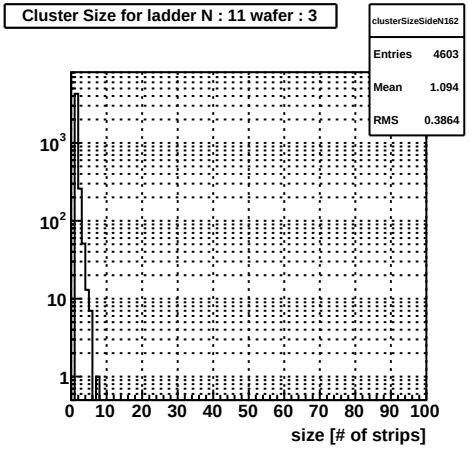

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2943
Mean 1.154
RMS 0.4941
size [# of strips]

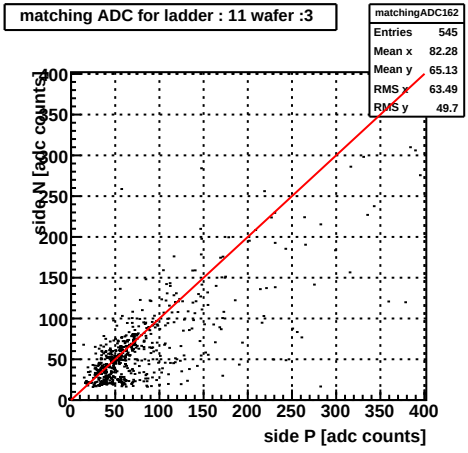

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 570
Mean x 88.62
Mean y 71.99
RMS x 63.05
RMS y 55.25
side N [adc counts]
side P [adc counts]

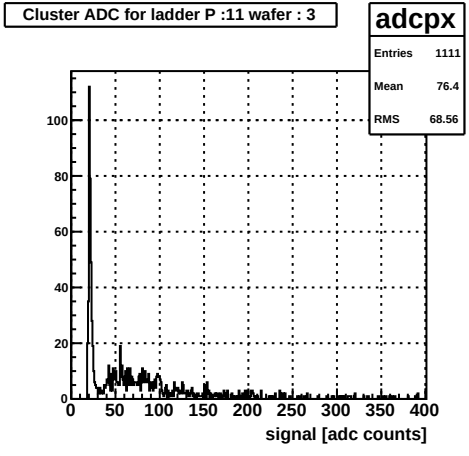

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3906
Mean 39.37
RMS 45.73
signal [adc counts]

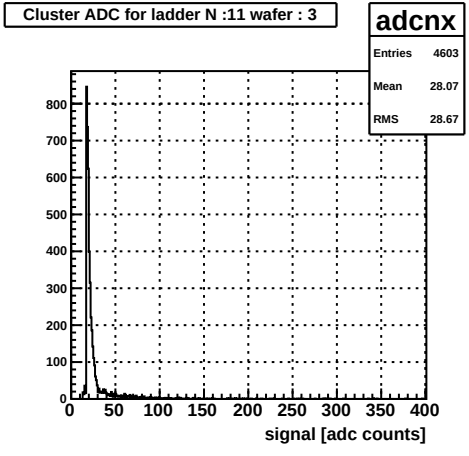

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2943
Mean 30.7
RMS 37.07
signal [adc counts]

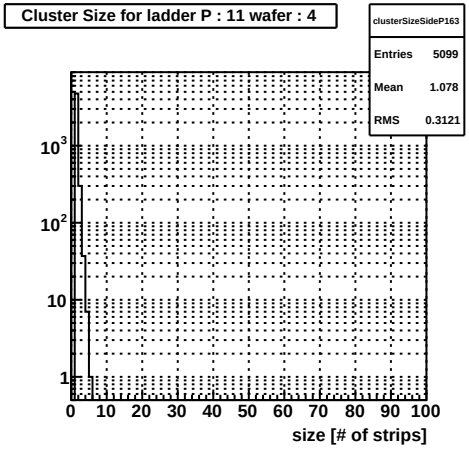

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1111
Mean 1.239
RMS 0.5789
size [# of strips]

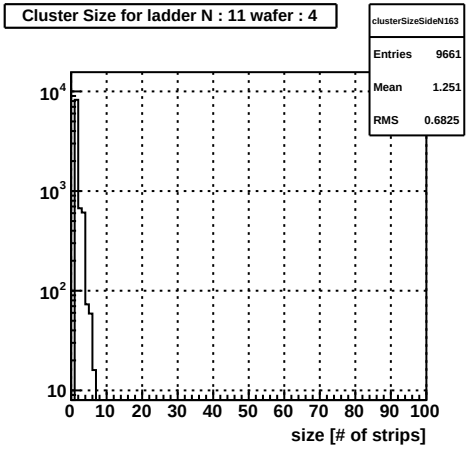

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 4603
Mean 1.094
RMS 0.3864
size [# of strips]

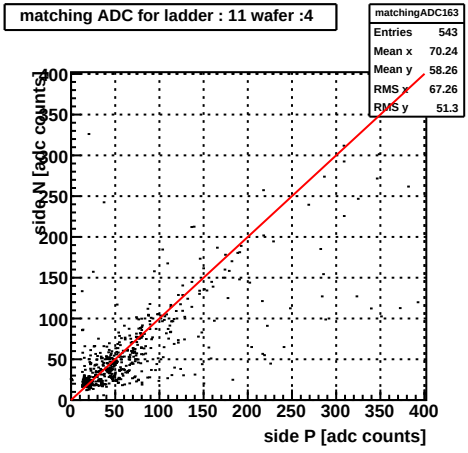

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 545
Mean x 82.28
Mean y 65.13
RMS x 63.49
RMS y 49.7
side N [adc counts]
side P [adc counts]

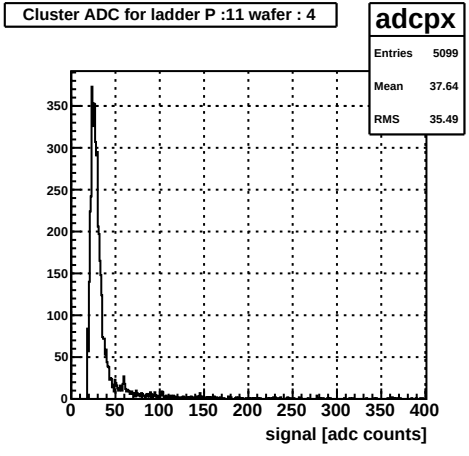

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1111
Mean 76.4
RMS 68.56
signal [adc counts]

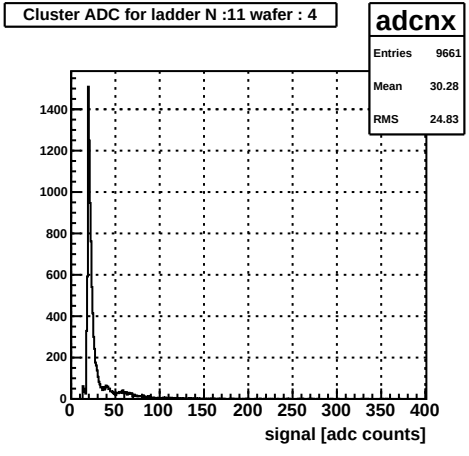

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 4603
Mean 28.07
RMS 28.67
signal [adc counts]

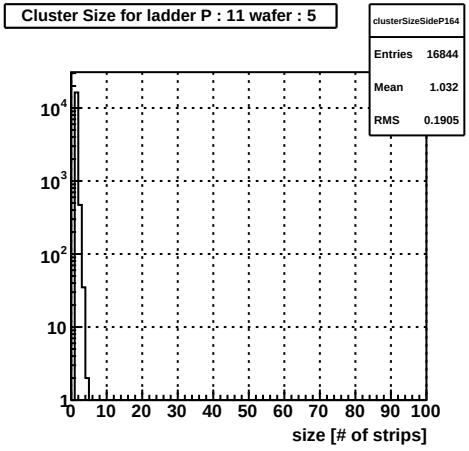

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5099
Mean 1.078
RMS 0.3121
size [# of strips]

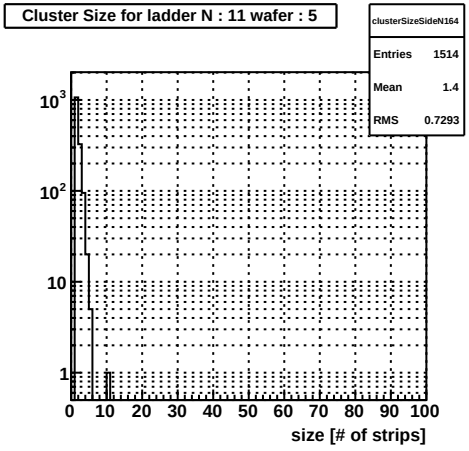

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9661
Mean 1.251
RMS 0.6825
size [# of strips]

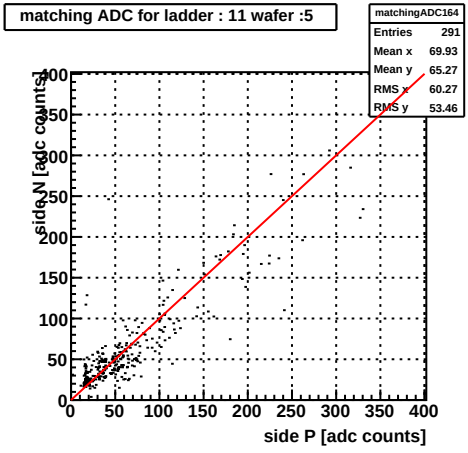

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 543
Mean x 70.24
Mean y 58.26
RMS x 67.26
RMS y 51.3
side N [adc counts]
side P [adc counts]

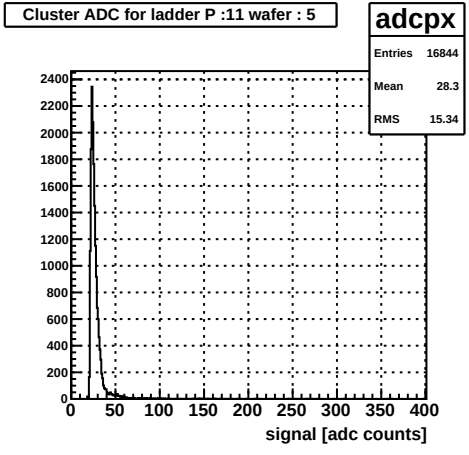

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5099
Mean 37.64
RMS 35.49
signal [adc counts]

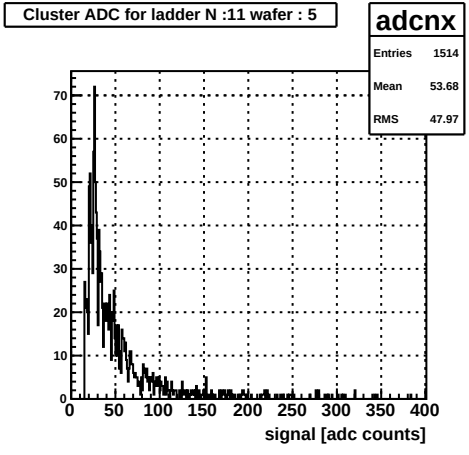

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9661
Mean 30.28
RMS 24.83
signal [adc counts]

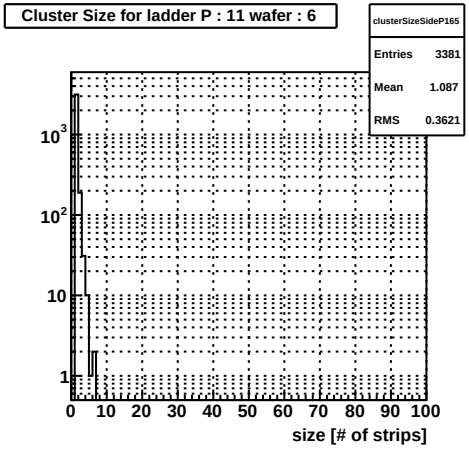

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16844
Mean 1.032
RMS 0.1905
size [# of strips]

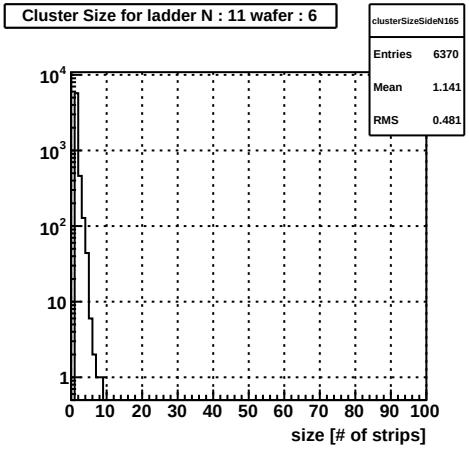

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1514
Mean 1.4
RMS 0.7293
size [# of strips]

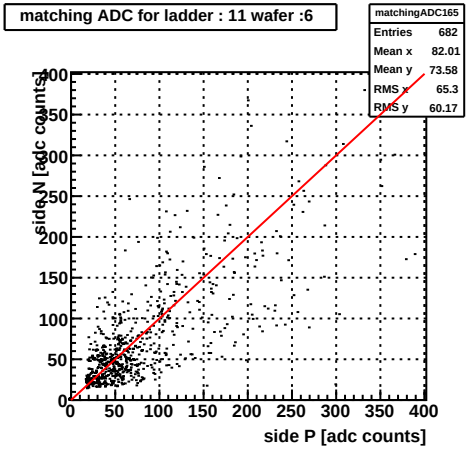

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 291
Mean x 69.93
Mean y 65.27
RMS x 60.27
RMS y 53.46
side N [adc counts]
side P [adc counts]

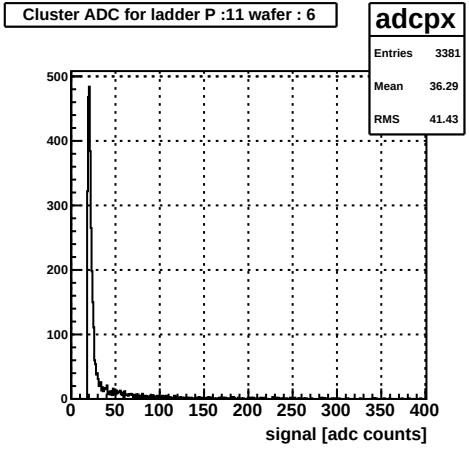

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16844
Mean 28.3
RMS 15.34
signal [adc counts]

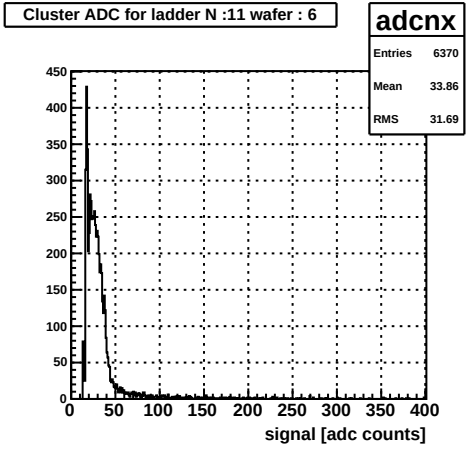

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1514
Mean 53.68
RMS 47.97
signal [adc counts]

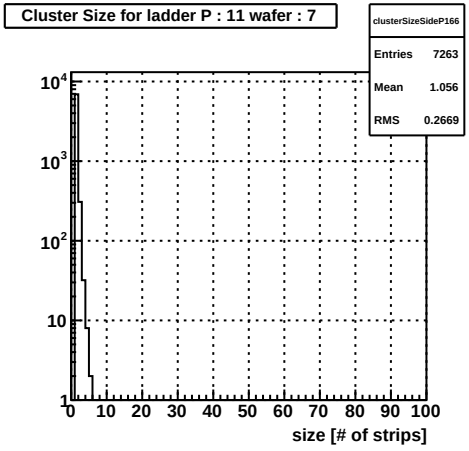

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3381
Mean 1.087
RMS 0.3621
size [# of strips]

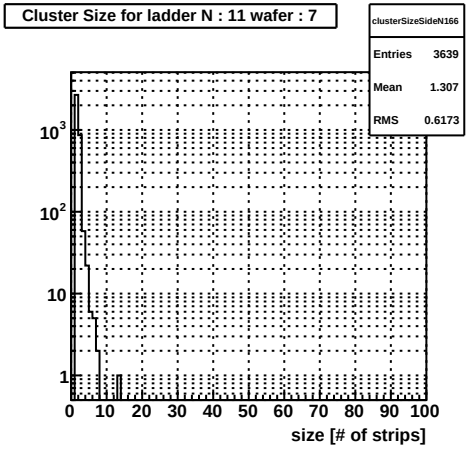

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6370
Mean 1.141
RMS 0.481
size [# of strips]

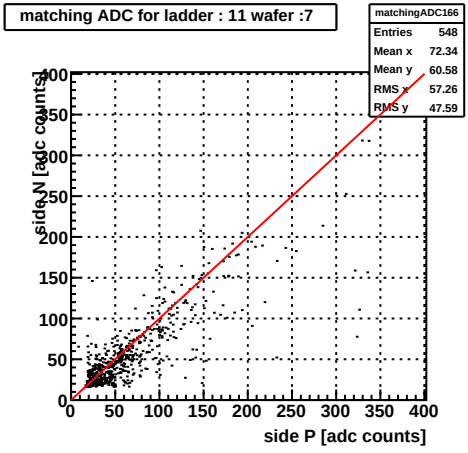

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 682
Mean x 82.01
Mean y 73.58
RMS x 65.3
RMS y 60.17
side N [adc counts]
side P [adc counts]

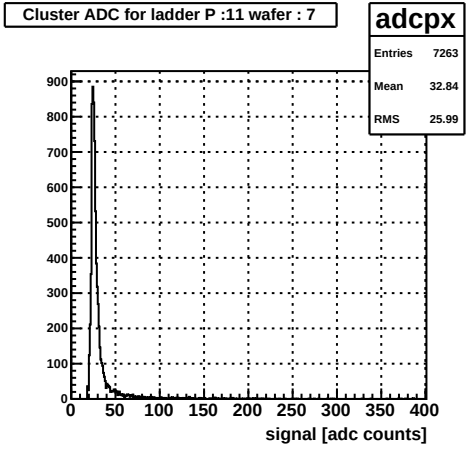

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3381
Mean 36.29
RMS 41.43
signal [adc counts]

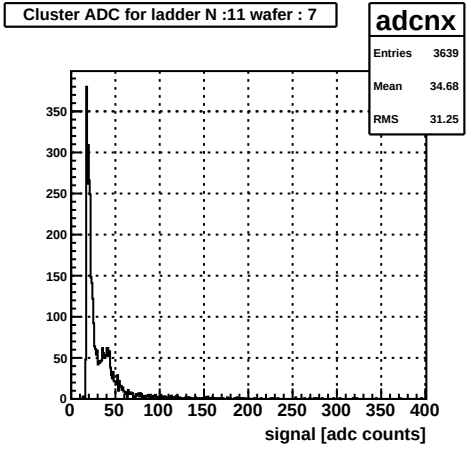

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6370
Mean 33.86
RMS 31.69
signal [adc counts]

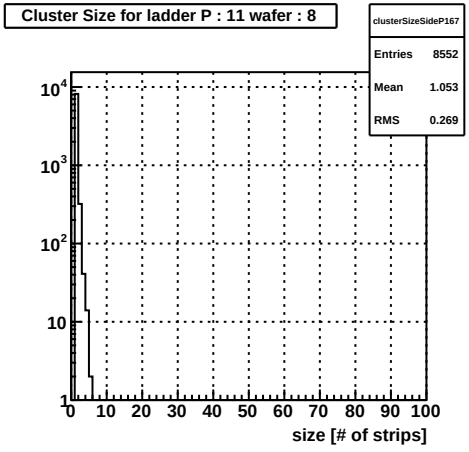

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 7263
Mean 1.056
RMS 0.2669
size [# of strips]

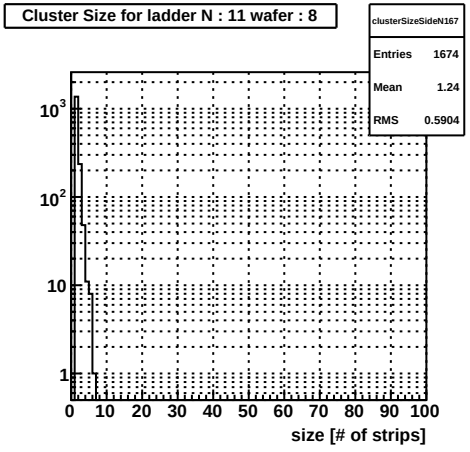

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3639
Mean 1.307
RMS 0.6173
size [# of strips]

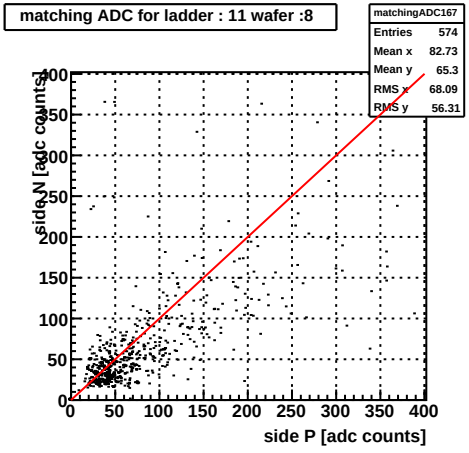

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 548
Mean x 72.34
Mean y 60.58
RMS x 57.26
RMS y 47.59
side N [adc counts]
side P [adc counts]

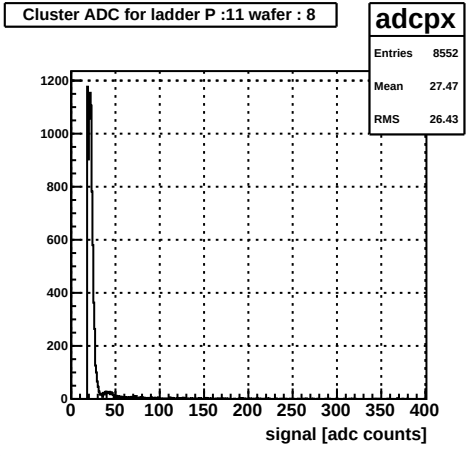

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 7263
Mean 32.84
RMS 25.99
signal [adc counts]

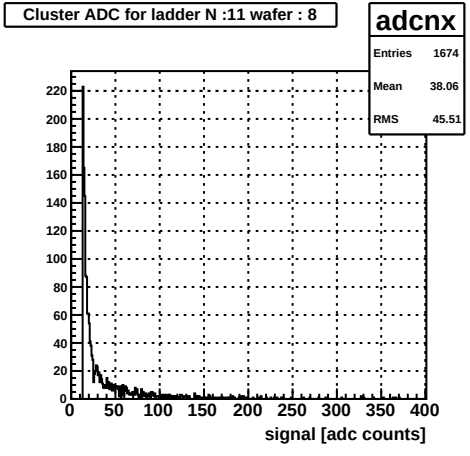

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3639
Mean 34.68
RMS 31.25
signal [adc counts]

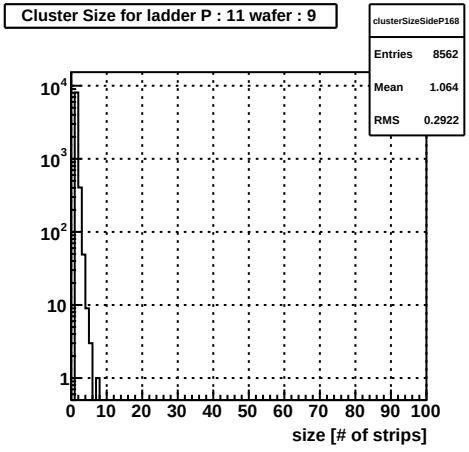

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8552
Mean 1.053
RMS 0.269
size [# of strips]

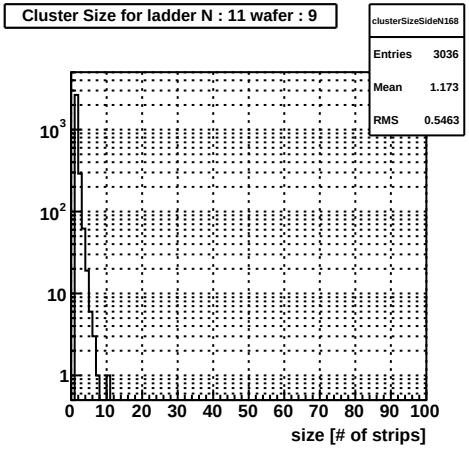

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1674
Mean 1.24
RMS 0.5904
size [# of strips]

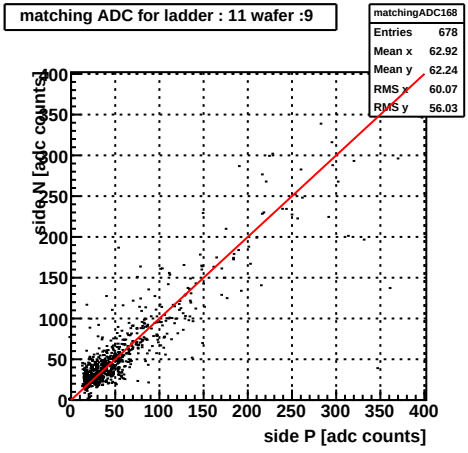

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 574
Mean x 82.73
Mean y 65.3
RMS x 68.09
RMS y 56.31
side N [adc counts]
side P [adc counts]

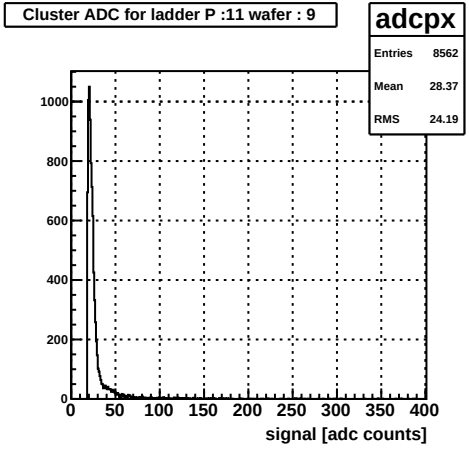

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8552
Mean 27.47
RMS 26.43
signal [adc counts]

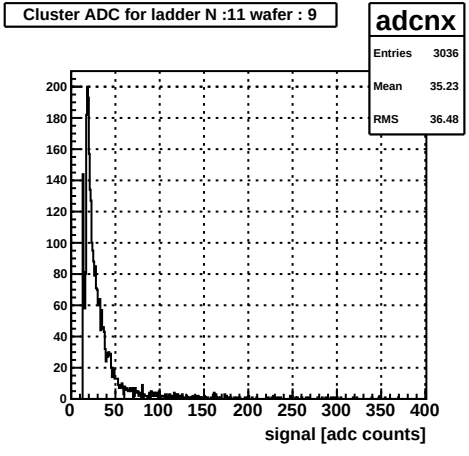

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1674
Mean 38.06
RMS 45.51
signal [adc counts]

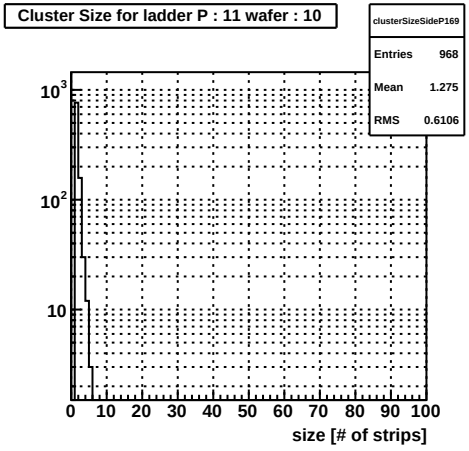

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8562
Mean 1.064
RMS 0.2922
size [# of strips]

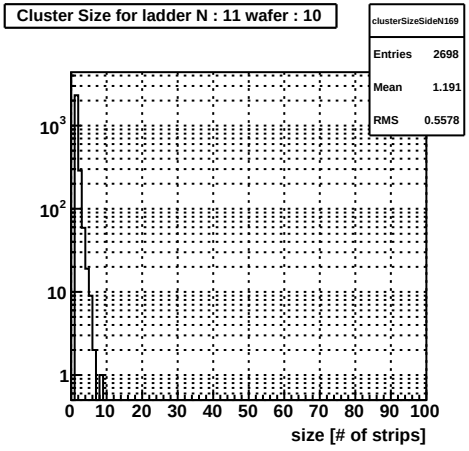

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3036
Mean 1.173
RMS 0.5463
size [# of strips]

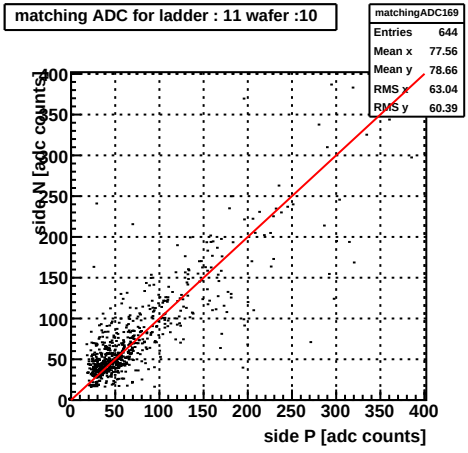

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 678
Mean x 62.92
Mean y 62.24
RMS x 60.07
RMS y 56.03
side N [adc counts]
side P [adc counts]

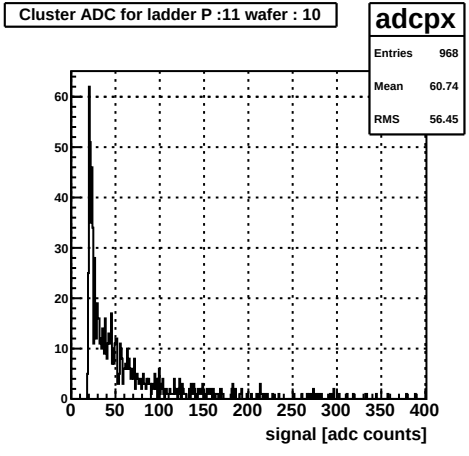

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8562
Mean 28.37
RMS 24.19
signal [adc counts]

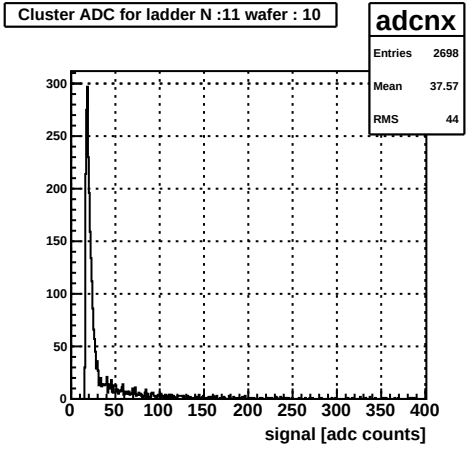

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3036
Mean 35.23
RMS 36.48
signal [adc counts]

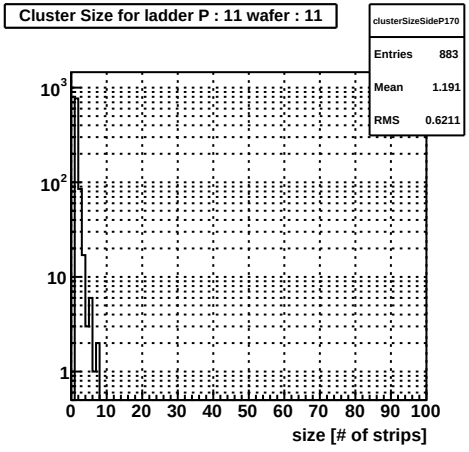

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 968
Mean 1.275
RMS 0.6106
size [# of strips]

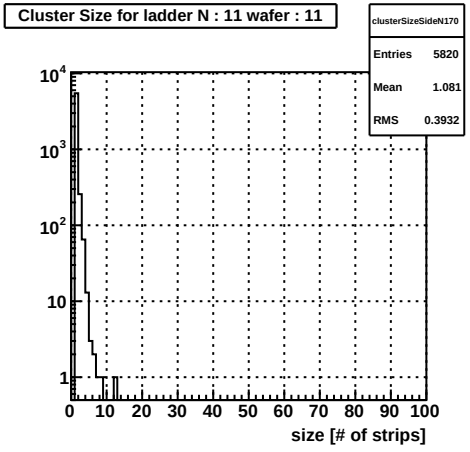

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2698
Mean 1.191
RMS 0.5578
size [# of strips]

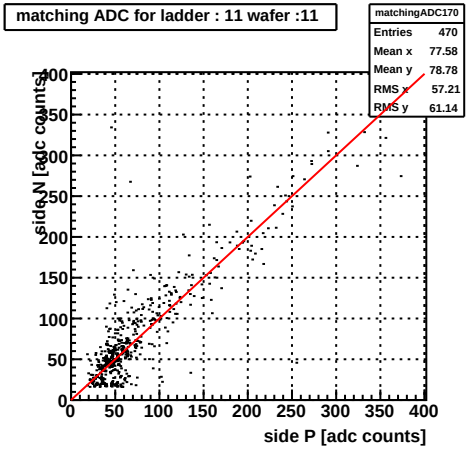

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 644
Mean x 77.56
Mean y 78.66
RMS x 63.04
RMS y 60.39
side N [adc counts]
side P [adc counts]

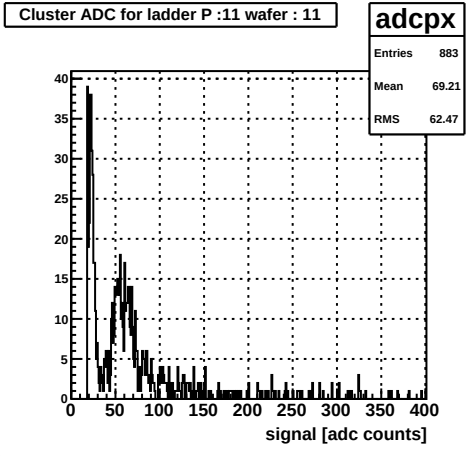

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 968
Mean 60.74
RMS 56.45
signal [adc counts]

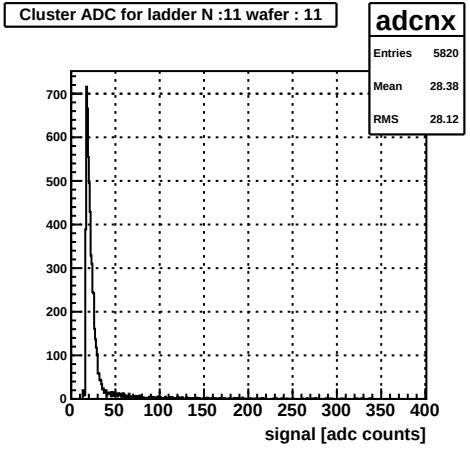

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2698
Mean 37.57
RMS 44
signal [adc counts]

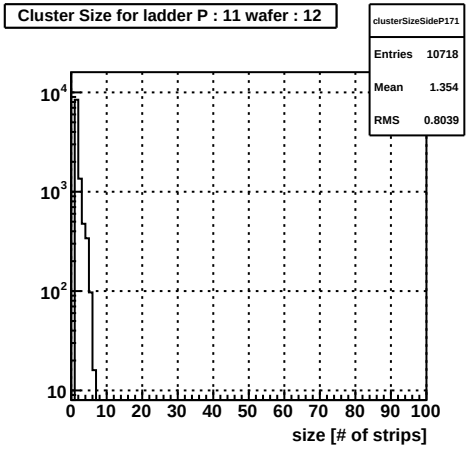

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 883
Mean 1.191
RMS 0.6211
size [# of strips]

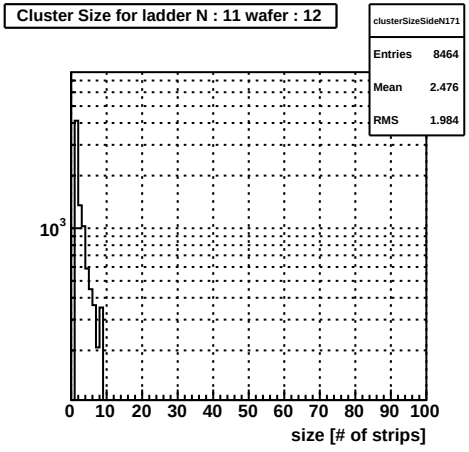

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5820
Mean 1.081
RMS 0.3932
size [# of strips]

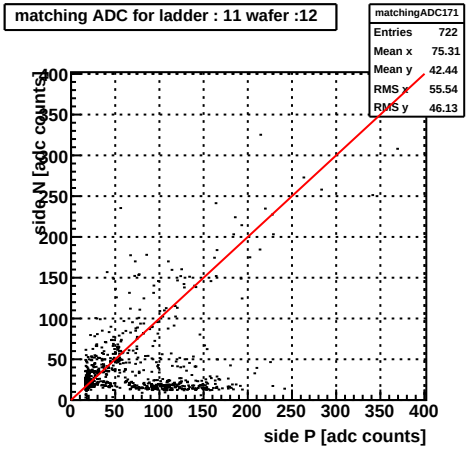

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 470
Mean x 77.58
Mean y 78.78
RMS x 57.21
RMS y 61.14
side N [adc counts]
side P [adc counts]

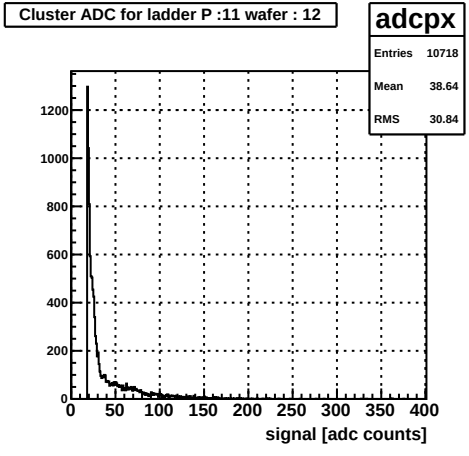

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 883
Mean 69.21
RMS 62.47
signal [adc counts]

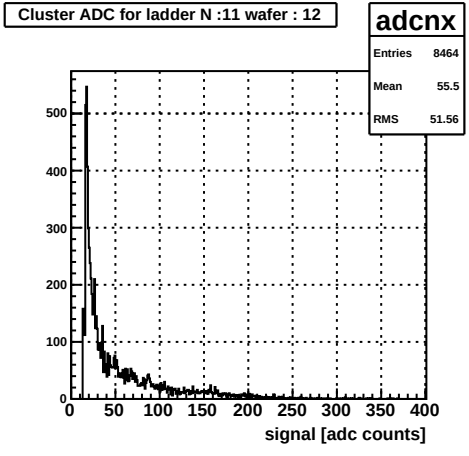

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5820
Mean 28.38
RMS 28.12
signal [adc counts]

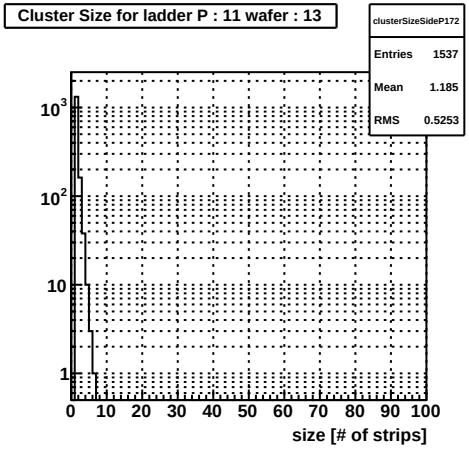

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10718
Mean 1.354
RMS 0.8039
size [# of strips]

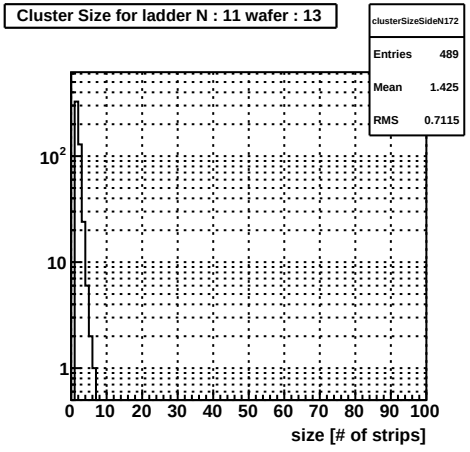

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8464
Mean 2.476
RMS 1.984
size [# of strips]

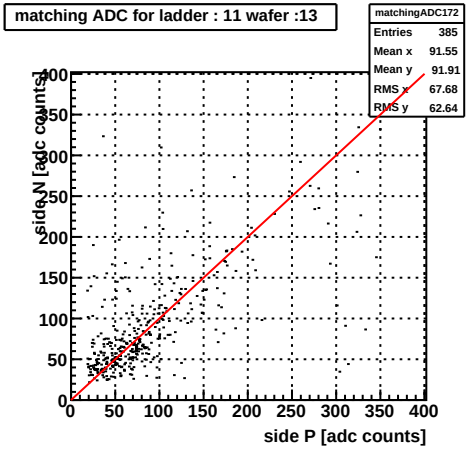

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 722
Mean x 75.31
Mean y 42.44
RMS x 55.54
RMS y 46.13
side N [adc counts]
side P [adc counts]

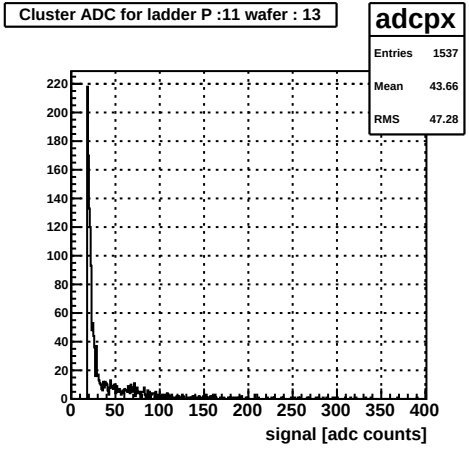

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10718
Mean 38.64
RMS 30.84
signal [adc counts]

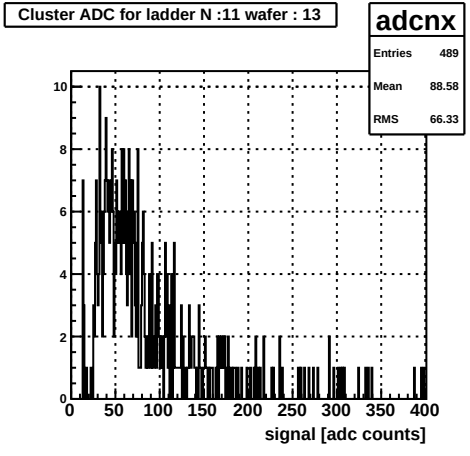

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8464
Mean 55.5
RMS 51.56
signal [adc counts]

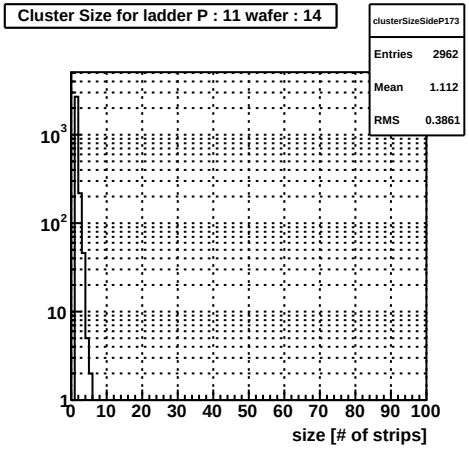

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1537
Mean 1.185
RMS 0.5253
size [# of strips]

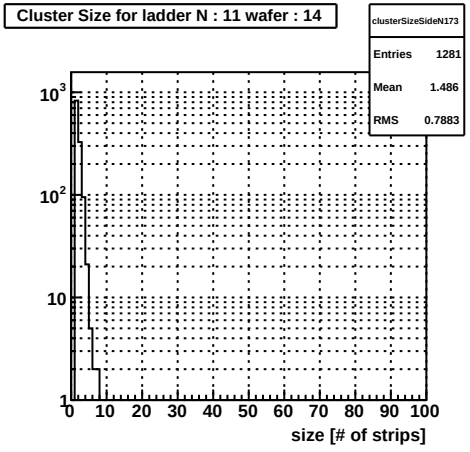

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 489
Mean 1.425
RMS 0.7115
size [# of strips]

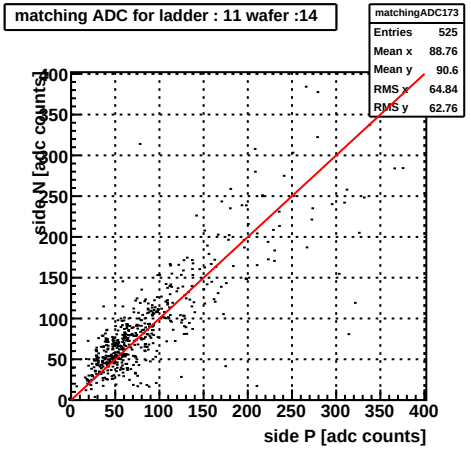

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 385
Mean x 91.55
Mean y 91.91
RMS x 67.68
RMS y 62.64
side N [adc counts]
side P [adc counts]

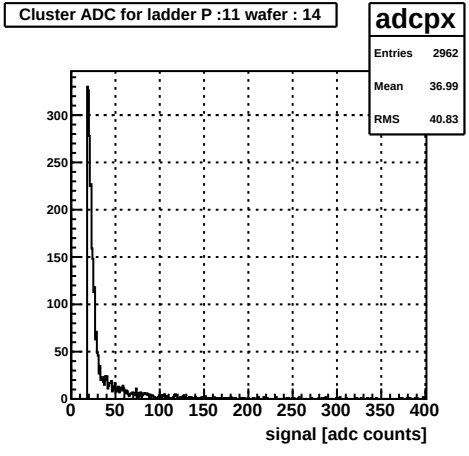

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1537
Mean 43.66
RMS 47.28
signal [adc counts]

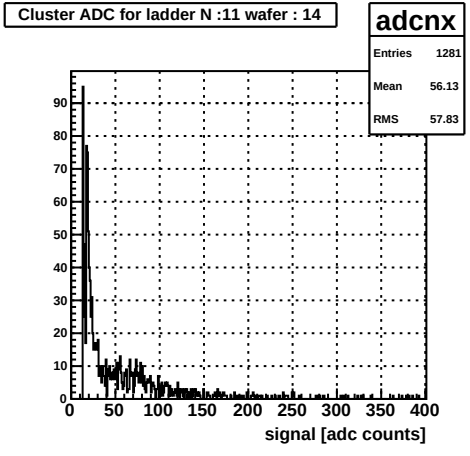

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 489
Mean 88.58
RMS 66.33
signal [adc counts]

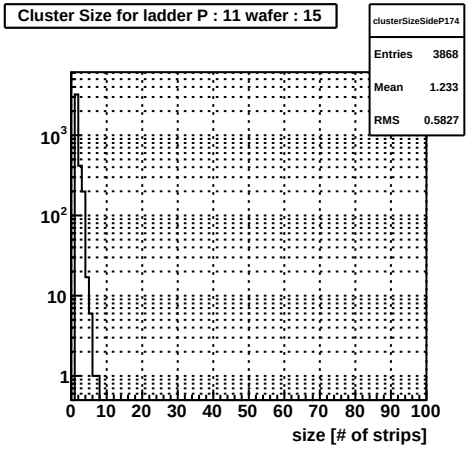

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2962
Mean 1.112
RMS 0.3861
size [# of strips]

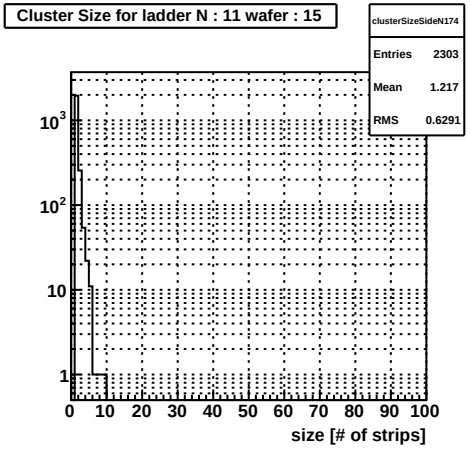

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1281
Mean 1.486
RMS 0.7883
size [# of strips]

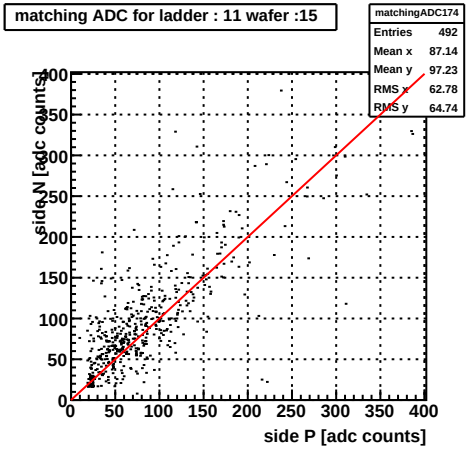

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 525
Mean x 88.76
Mean y 90.6
RMS x 64.84
RMS y 62.76
side N [adc counts]
side P [adc counts]

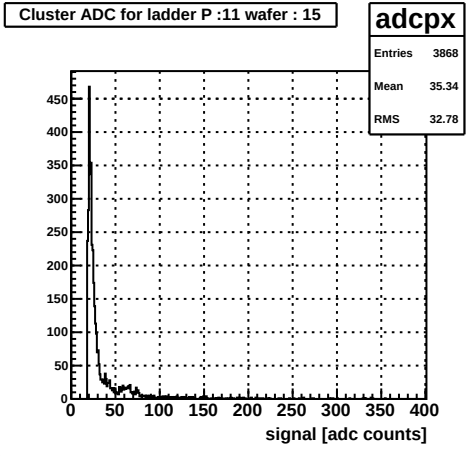

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2962
Mean 36.99
RMS 40.83
signal [adc counts]

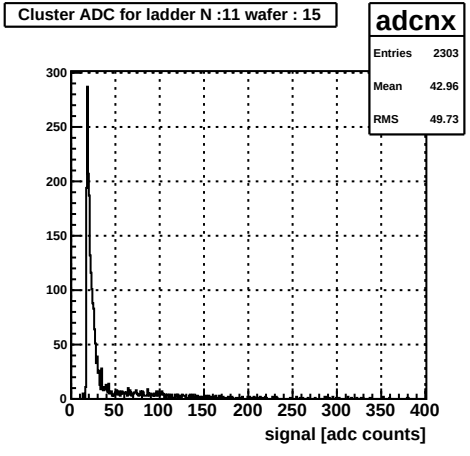

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1281
Mean 56.13
RMS 57.83
signal [adc counts]

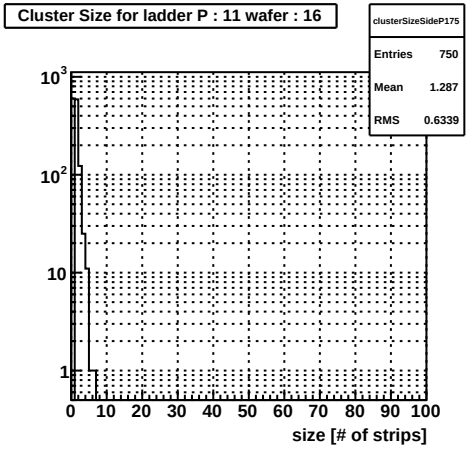

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3868
Mean 1.233
RMS 0.5827
size [# of strips]

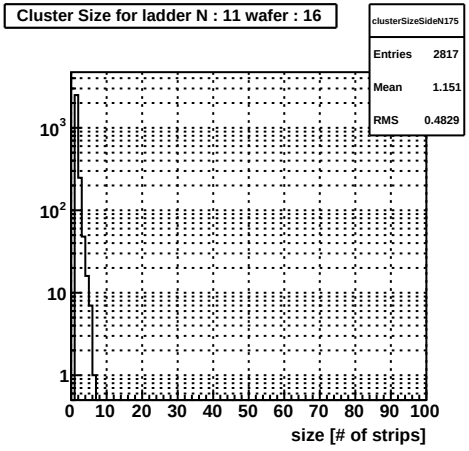

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2303
Mean 1.217
RMS 0.6291
size [# of strips]

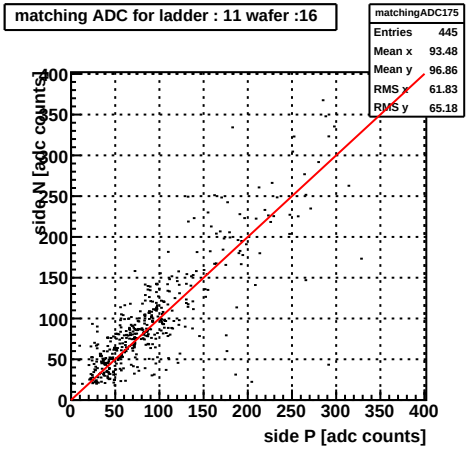

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 492
Mean x 87.14
Mean y 97.23
RMS x 62.78
RMS y 64.74
side N [adc counts]
side P [adc counts]

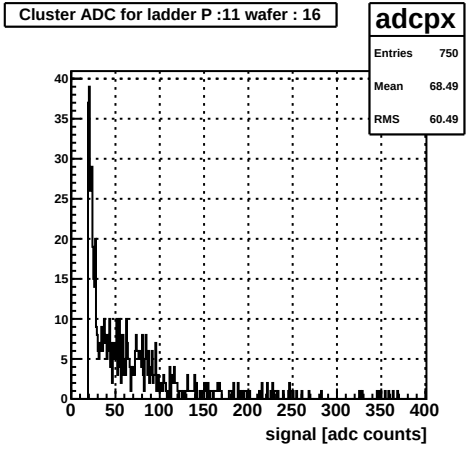

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3868
Mean 35.34
RMS 32.78
signal [adc counts]

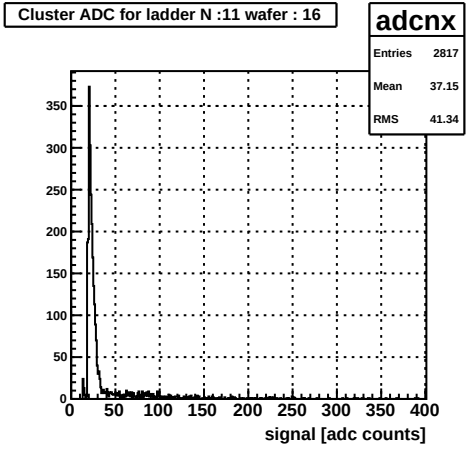

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2303
Mean 42.96
RMS 49.73
signal [adc counts]

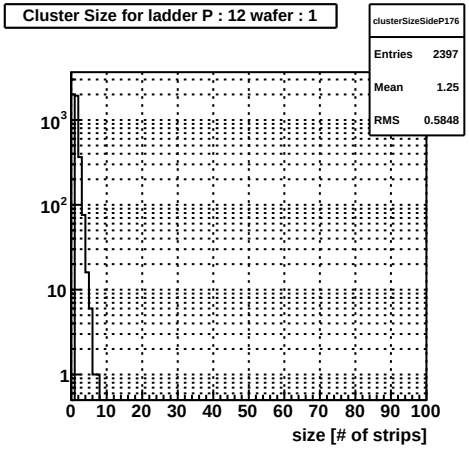

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 750
Mean 1.287
RMS 0.6339
size [# of strips]

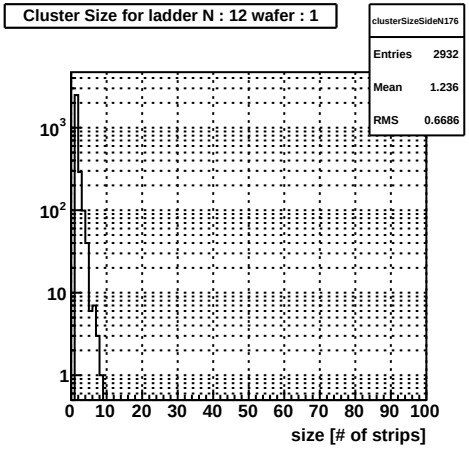

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2817
Mean 1.151
RMS 0.4829
size [# of strips]

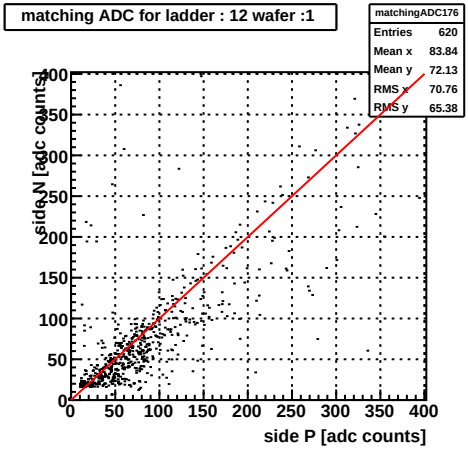

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 445
Mean x 93.48
Mean y 96.86
RMS x 61.83
RMS y 65.18
side N [adc counts]
side P [adc counts]

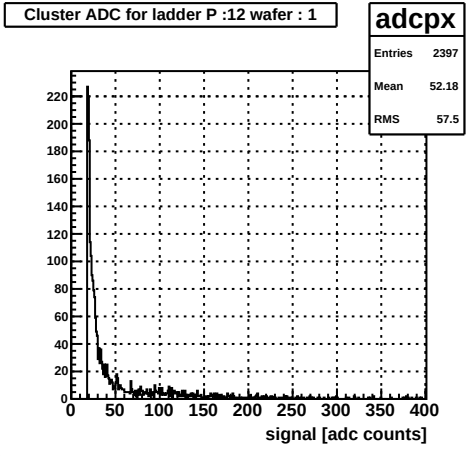

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 750
Mean 68.49
RMS 60.49
signal [adc counts]

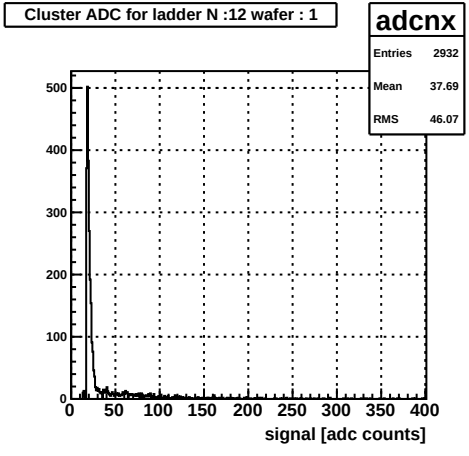

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2817
Mean 37.15
RMS 41.34
signal [adc counts]

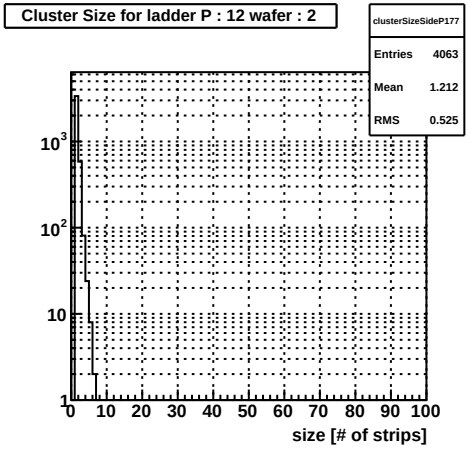

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2397
Mean 1.25
RMS 0.5848
size [# of strips]

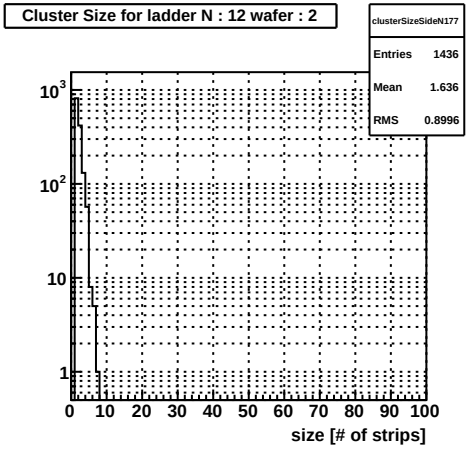

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2932
Mean 1.236
RMS 0.6686
size [# of strips]

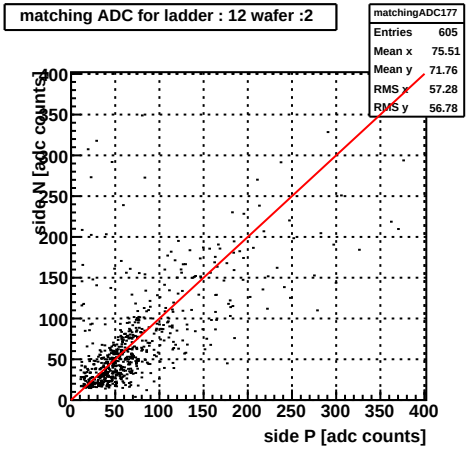

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 620
Mean x 83.84
Mean y 72.13
RMS x 70.76
RMS y 65.38
side N [adc counts]
side P [adc counts]

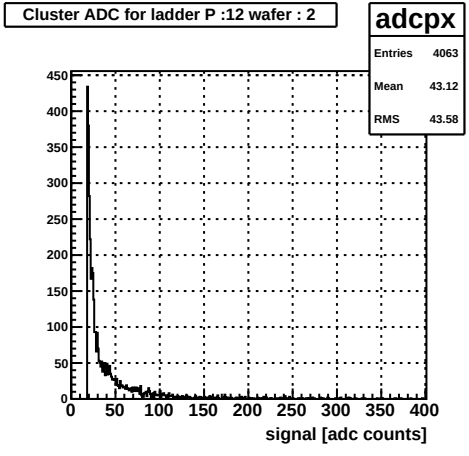

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2397
Mean 52.18
RMS 57.5
signal [adc counts]

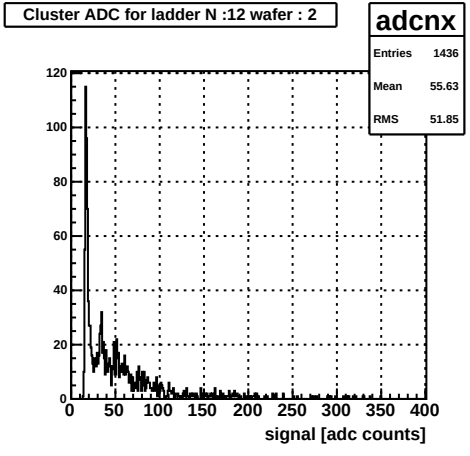

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2932
Mean 37.69
RMS 46.07
signal [adc counts]

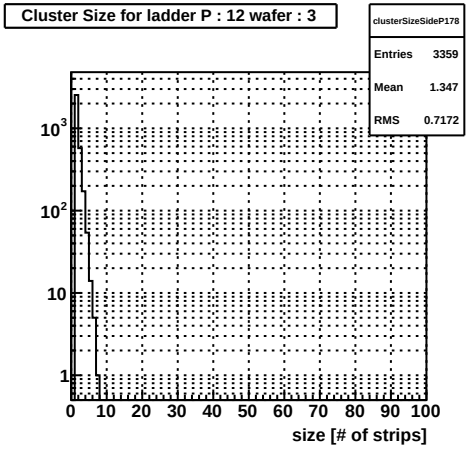

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4063
Mean 1.212
RMS 0.525
size [# of strips]

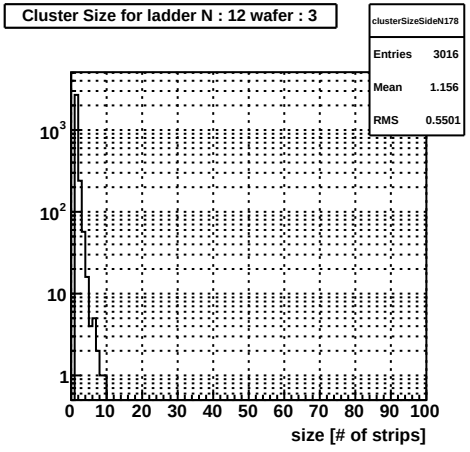

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1436
Mean 1.636
RMS 0.8996
size [# of strips]

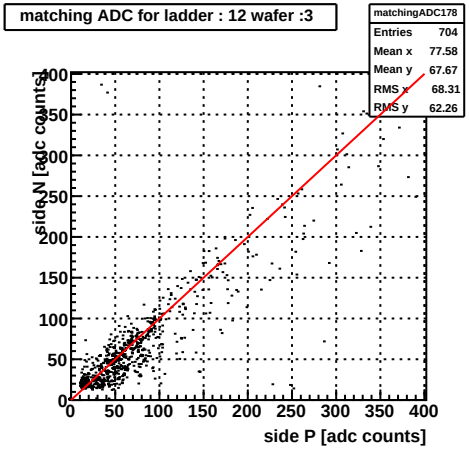

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 605
Mean x 75.51
Mean y 71.76
RMS x 57.28
RMS y 56.78
side N [adc counts]
side P [adc counts]

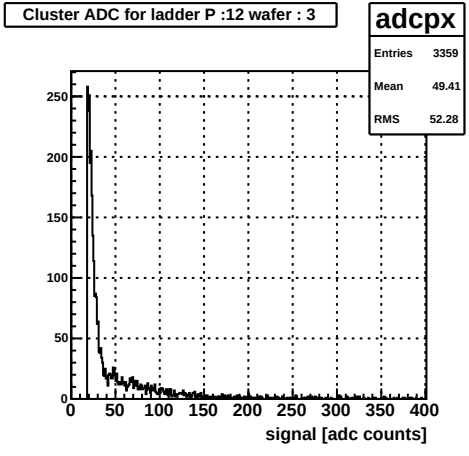

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4063
Mean 43.12
RMS 43.58
signal [adc counts]

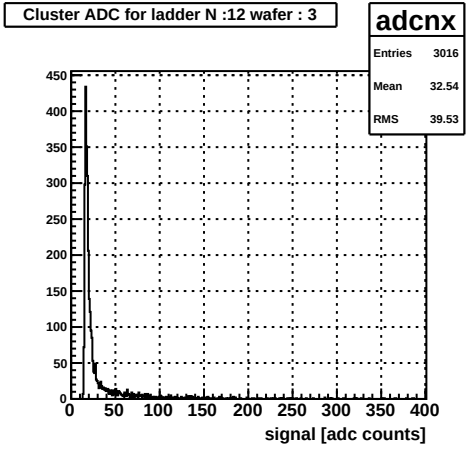

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1436
Mean 55.63
RMS 51.85
signal [adc counts]

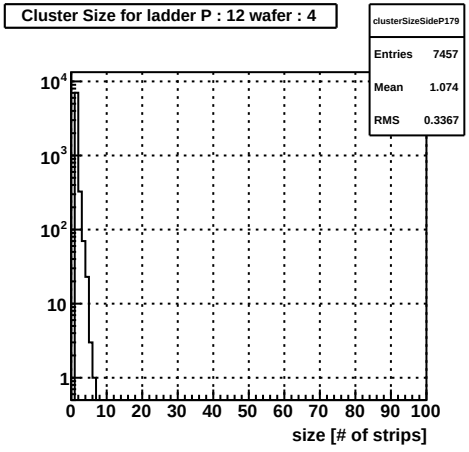

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3359
Mean 1.347
RMS 0.7172
size [# of strips]

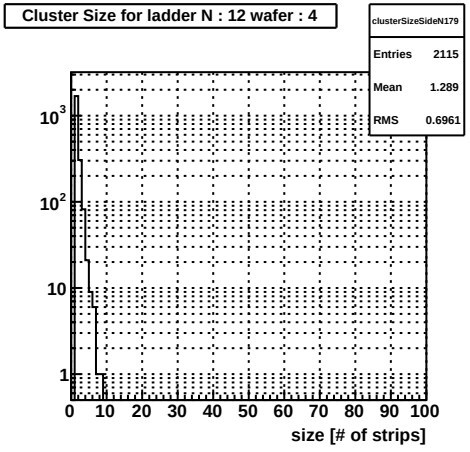

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3016
Mean 1.156
RMS 0.5501
size [# of strips]

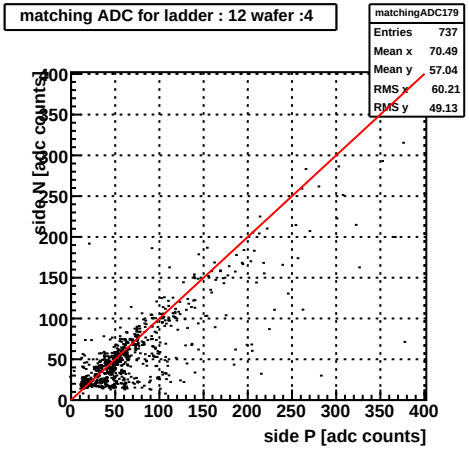

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 704
Mean x 77.58
Mean y 67.67
RMS x 68.31
RMS y 62.26
side N [adc counts]
side P [adc counts]

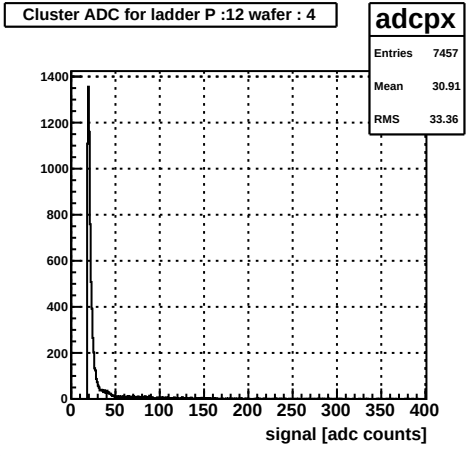

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3359
Mean 49.41
RMS 52.28
signal [adc counts]

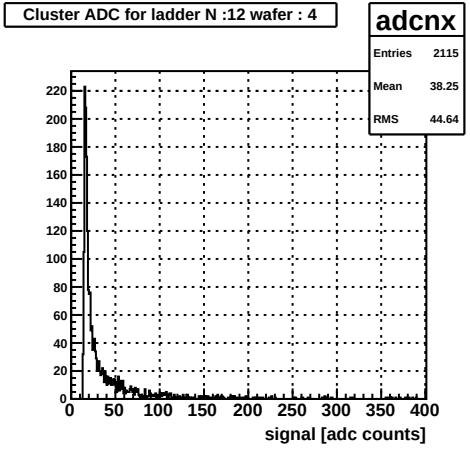

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3016
Mean 32.54
RMS 39.53
signal [adc counts]

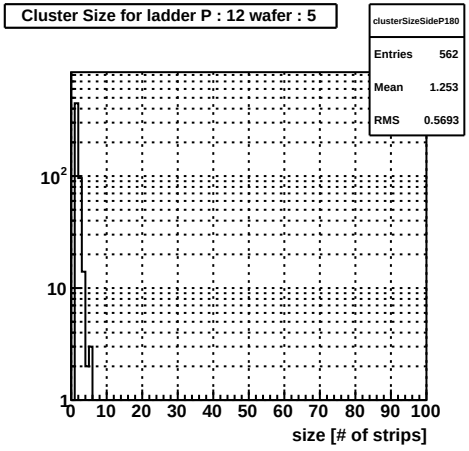

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7457
Mean 1.074
RMS 0.3367
size [# of strips]

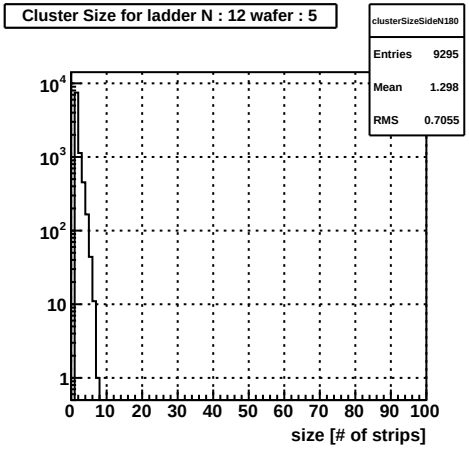

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2115
Mean 1.289
RMS 0.6961
size [# of strips]

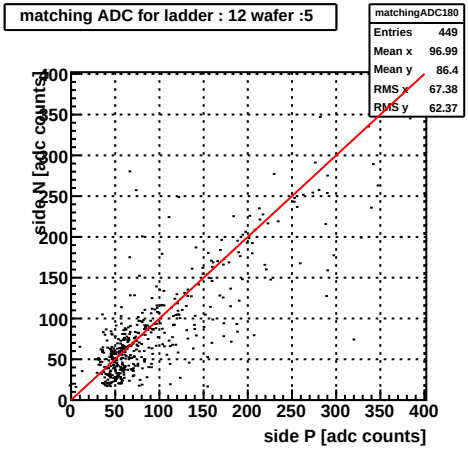

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 737
Mean x 70.49
Mean y 57.04
RMS x 60.21
RMS y 49.13
side N [adc counts]
side P [adc counts]

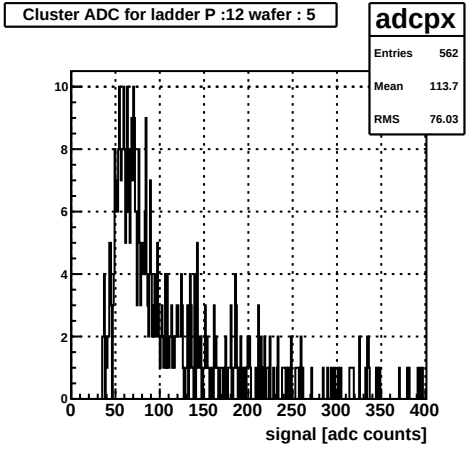

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7457
Mean 30.91
RMS 33.36
signal [adc counts]

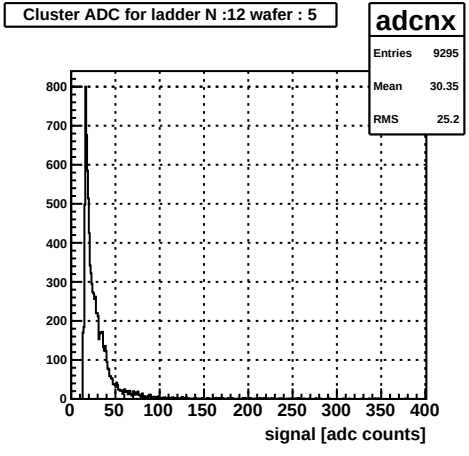

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2115
Mean 38.25
RMS 44.64
signal [adc counts]

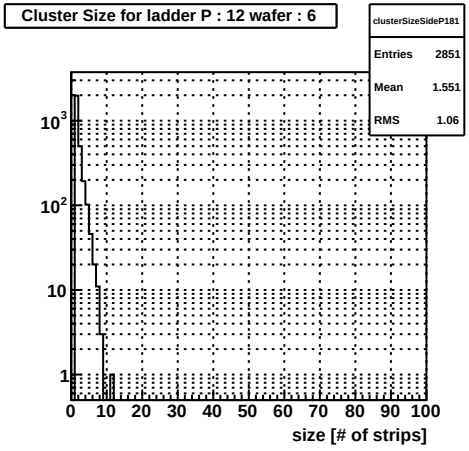

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 562
Mean 1.253
RMS 0.5693
size [# of strips]

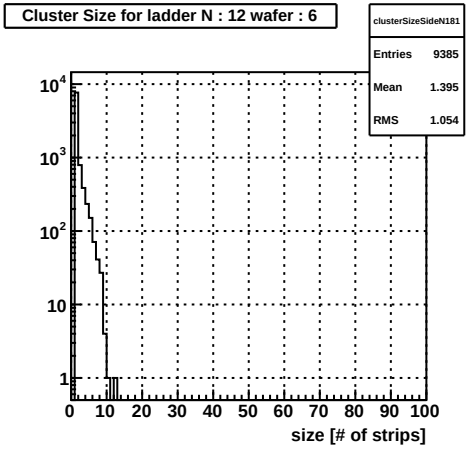

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9295
Mean 1.298
RMS 0.7055
size [# of strips]

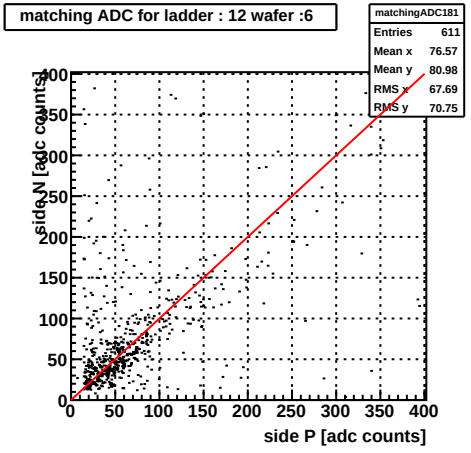

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 449
Mean x 96.99
Mean y 86.4
RMS x 67.38
RMS y 62.37
side N [adc counts]
side P [adc counts]

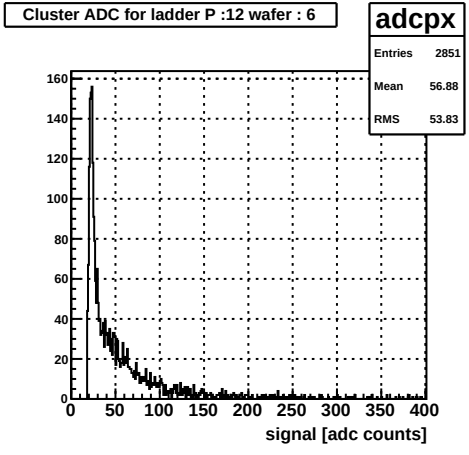

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 562
Mean 113.7
RMS 76.03
signal [adc counts]

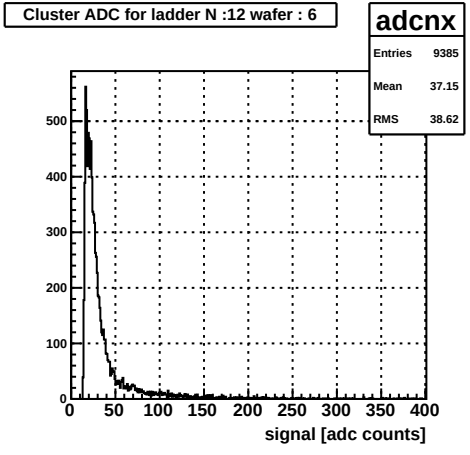

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9295
Mean 30.35
RMS 25.2
signal [adc counts]

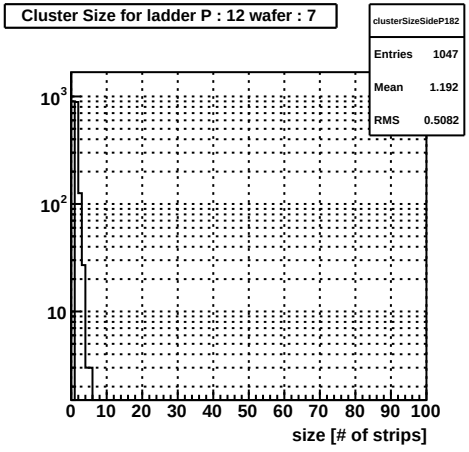

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2851
Mean 1.551
RMS 1.06
size [# of strips]

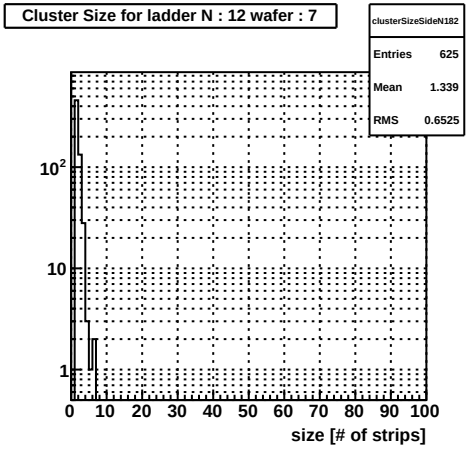

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 9385
Mean 1.395
RMS 1.054
size [# of strips]

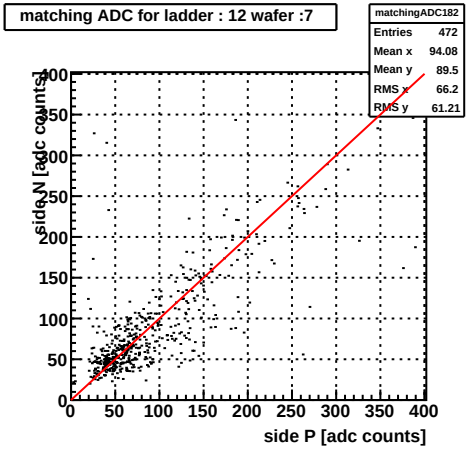

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 611
Mean x 76.57
Mean y 80.98
RMS x 67.69
RMS y 70.75
side N [adc counts]
side P [adc counts]

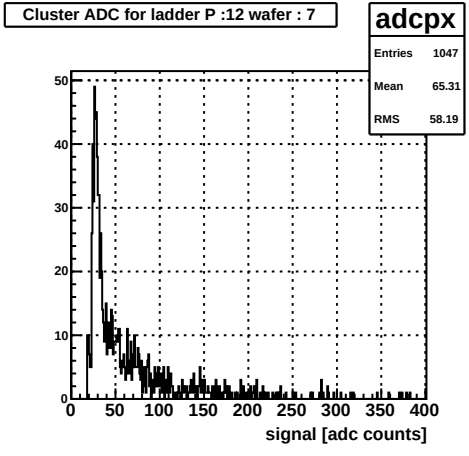

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2851
Mean 56.88
RMS 53.83
signal [adc counts]

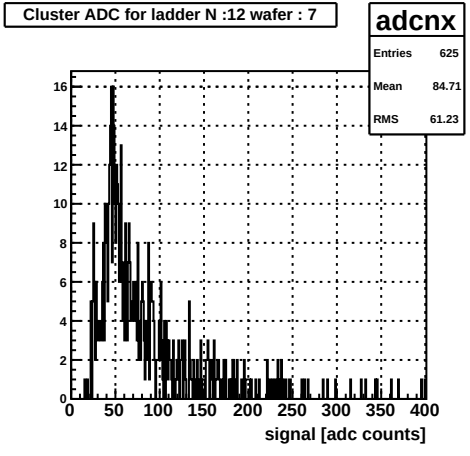

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 9385
Mean 37.15
RMS 38.62
signal [adc counts]

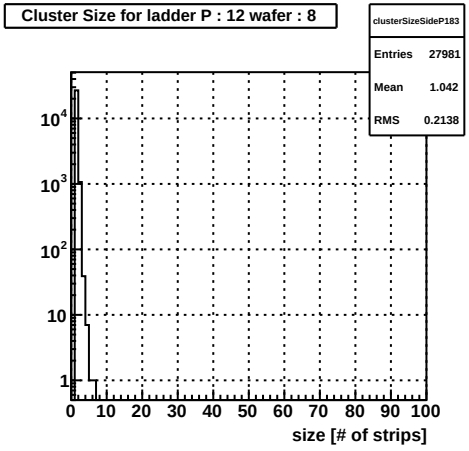

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1047
Mean 1.192
RMS 0.5082
size [# of strips]

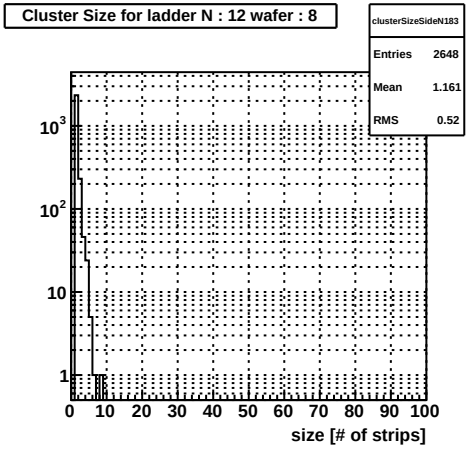

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 625
Mean 1.339
RMS 0.6525
size [# of strips]

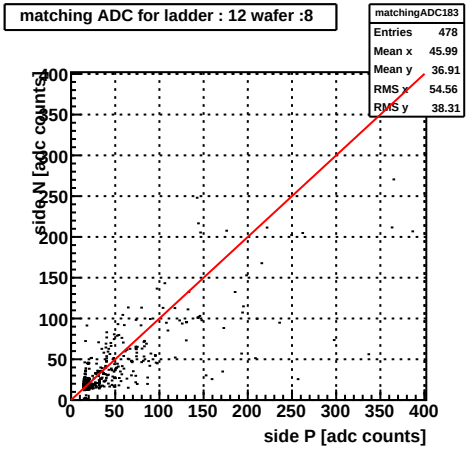

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 472
Mean x 94.08
Mean y 89.5
RMS x 66.2
RMS y 61.21
side N [adc counts]
side P [adc counts]

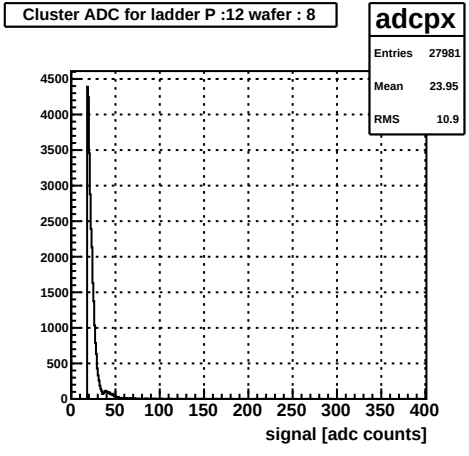

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1047
Mean 65.31
RMS 58.19
signal [adc counts]

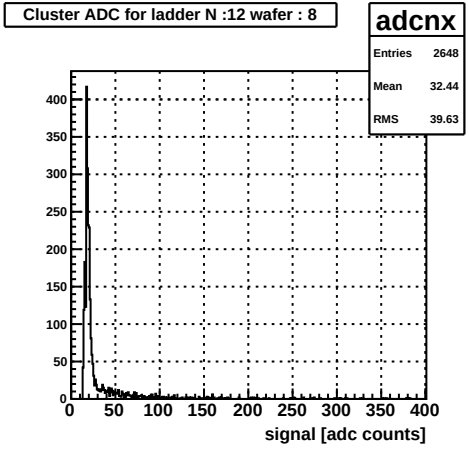

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 625
Mean 84.71
RMS 61.23
signal [adc counts]

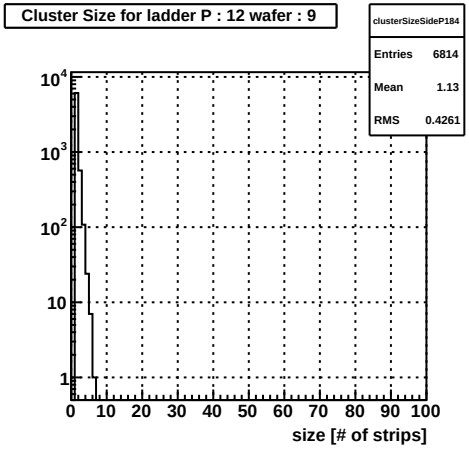

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 27981
Mean 1.042
RMS 0.2138
size [# of strips]

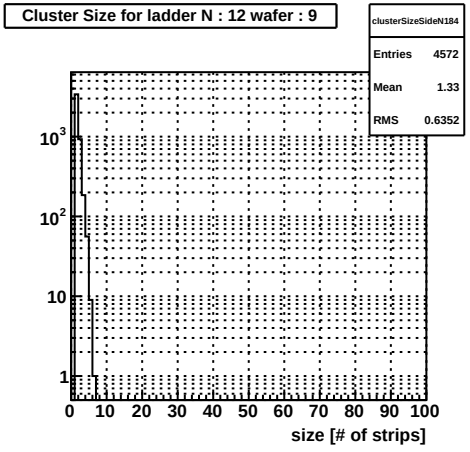

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2648
Mean 1.161
RMS 0.52
size [# of strips]

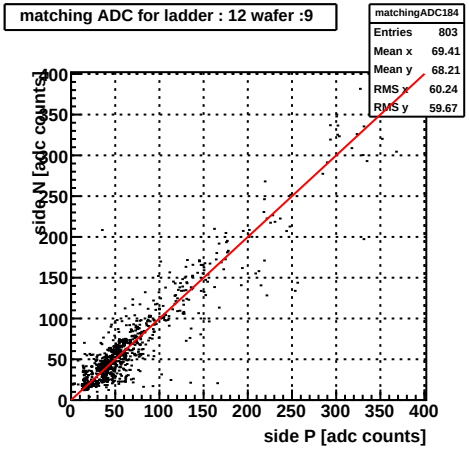

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 478
Mean x 45.99
Mean y 36.91
RMS x 54.56
RMS y 38.31
side N [adc counts]
side P [adc counts]

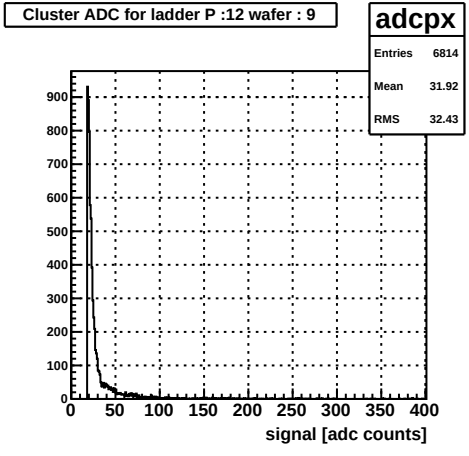

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 27981
Mean 23.95
RMS 10.9
signal [adc counts]

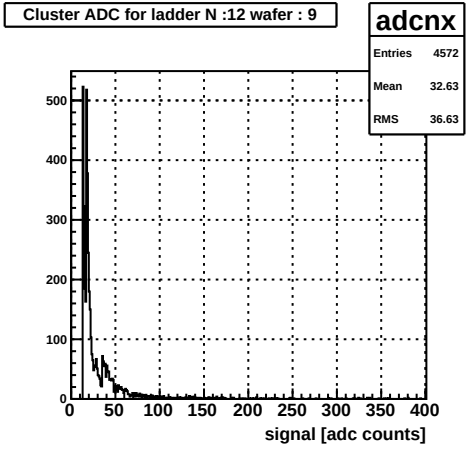

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2648
Mean 32.44
RMS 39.63
signal [adc counts]

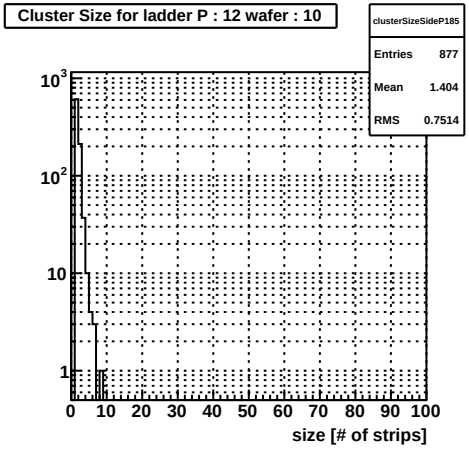

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6814
Mean 1.13
RMS 0.4261
size [# of strips]

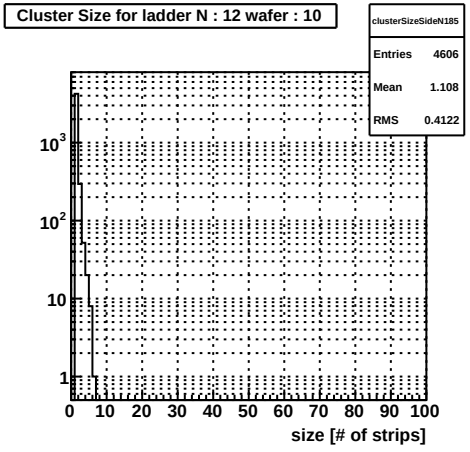

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4572
Mean 1.33
RMS 0.6352
size [# of strips]

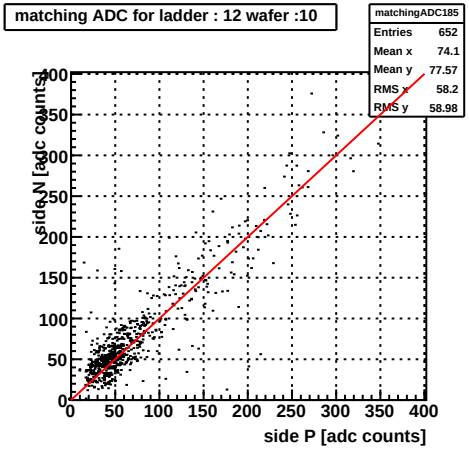

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 803
Mean x 69.41
Mean y 68.21
RMS x 60.24
RMS y 59.67
side N [adc counts]
side P [adc counts]

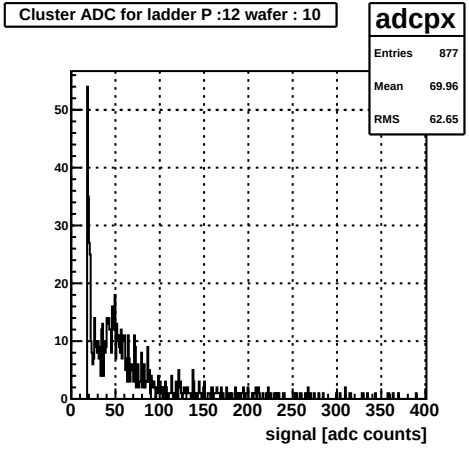

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6814
Mean 31.92
RMS 32.43
signal [adc counts]

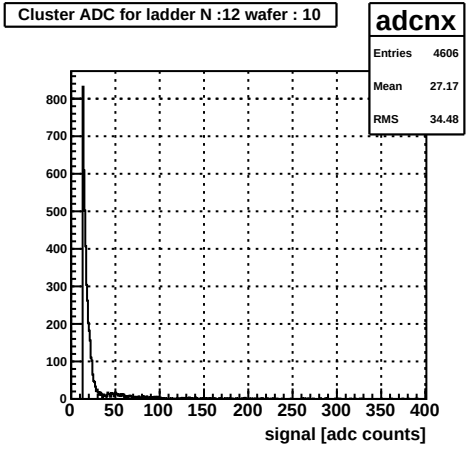

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4572
Mean 32.63
RMS 36.63
signal [adc counts]

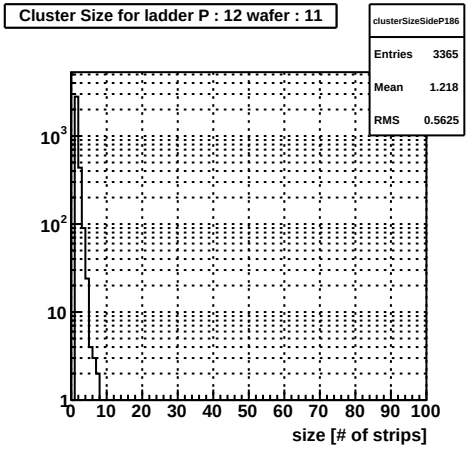

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 877
Mean 1.404
RMS 0.7514
size [# of strips]

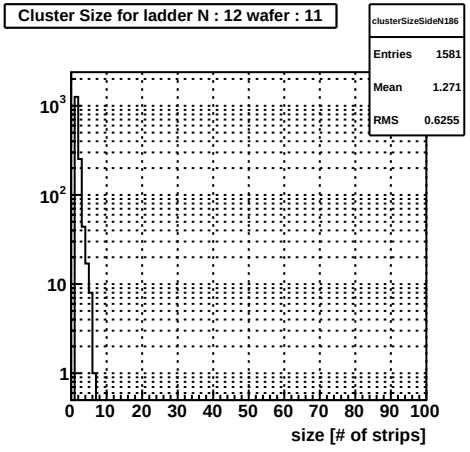

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4606
Mean 1.108
RMS 0.4122
size [# of strips]

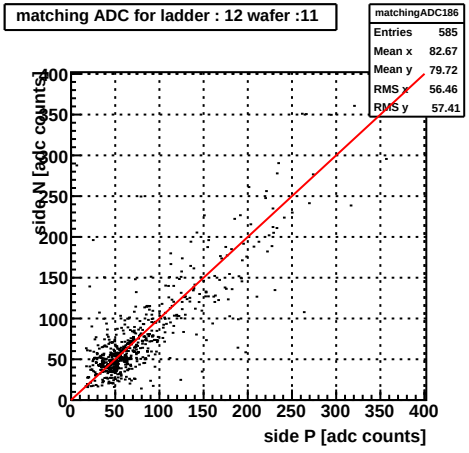

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 652
Mean x 74.1
Mean y 77.57
RMS x 58.2
RMS y 58.98
side N [adc counts]
side P [adc counts]

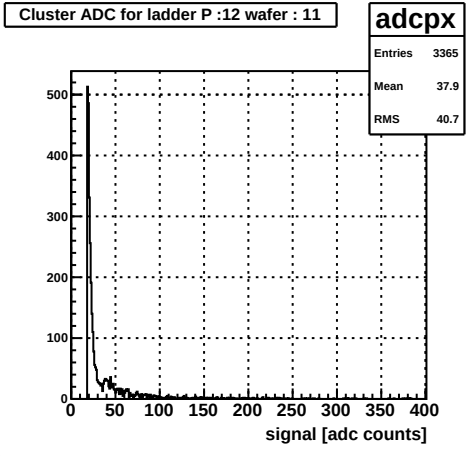

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 877
Mean 69.96
RMS 62.65
signal [adc counts]

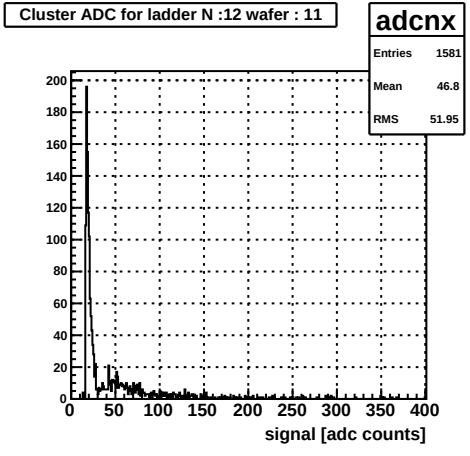

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4606
Mean 27.17
RMS 34.48
signal [adc counts]

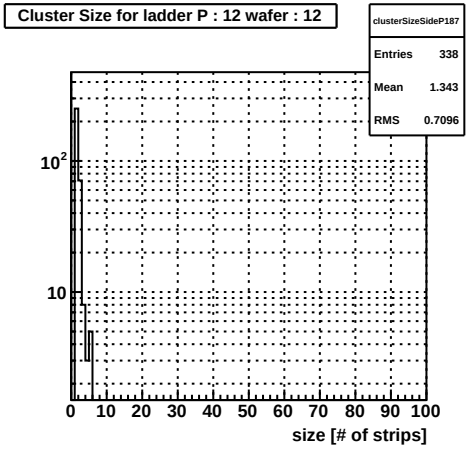

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3365
Mean 1.218
RMS 0.5625
size [# of strips]

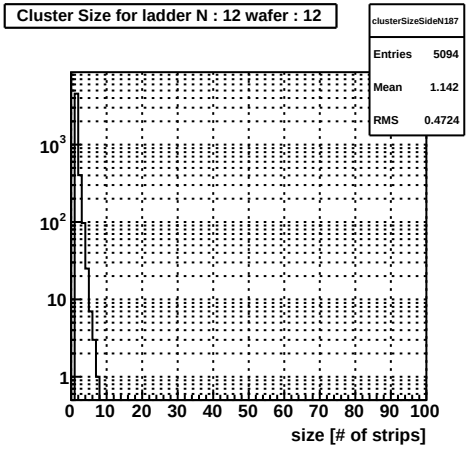

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1581
Mean 1.271
RMS 0.6255
size [# of strips]

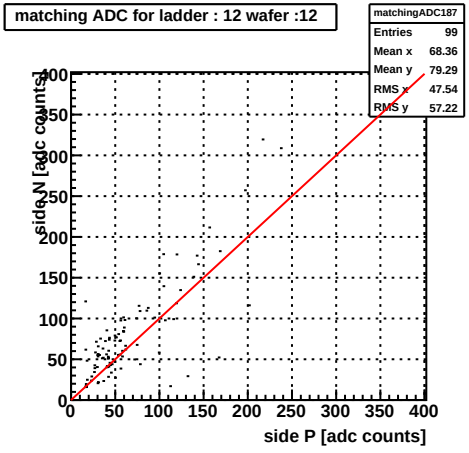

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 585
Mean x 82.67
Mean y 79.72
RMS x 56.46
RMS y 57.41
side N [adc counts]
side P [adc counts]

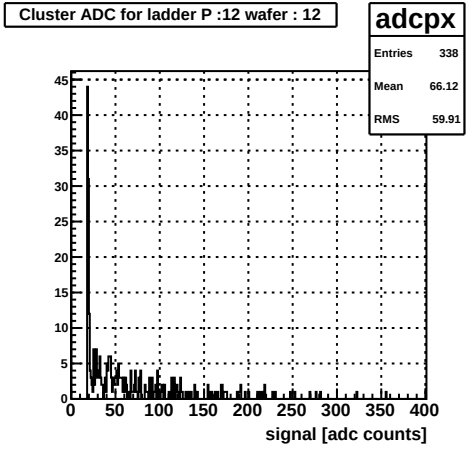

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3365
Mean 37.9
RMS 40.7
signal [adc counts]

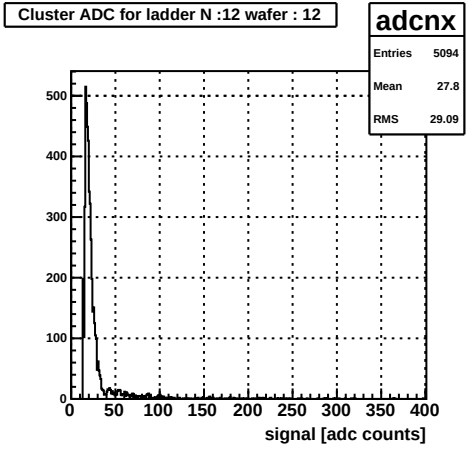

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1581
Mean 46.8
RMS 51.95
signal [adc counts]

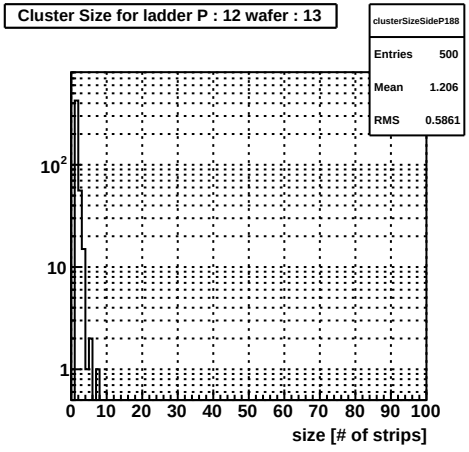

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 338
Mean 1.343
RMS 0.7096
size [# of strips]

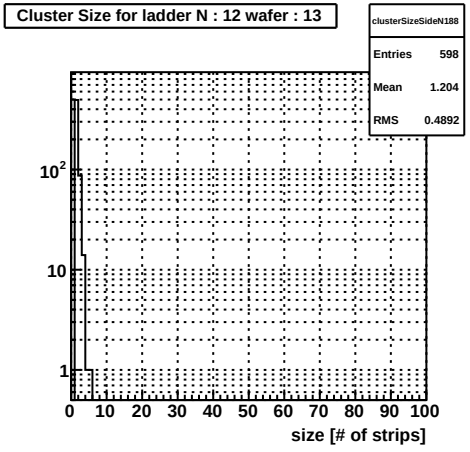

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5094
Mean 1.142
RMS 0.4724
size [# of strips]

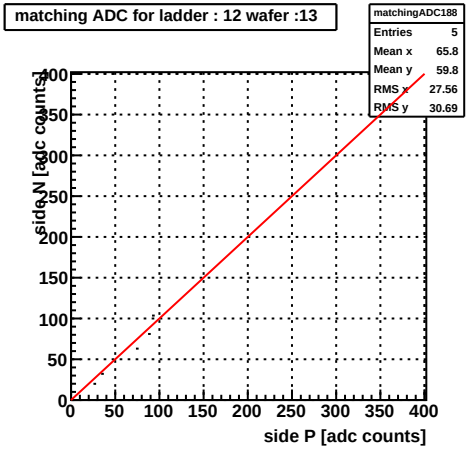

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 99
Mean x 68.36
Mean y 79.29
RMS x 47.54
RMS y 57.22
side N [adc counts]
side P [adc counts]

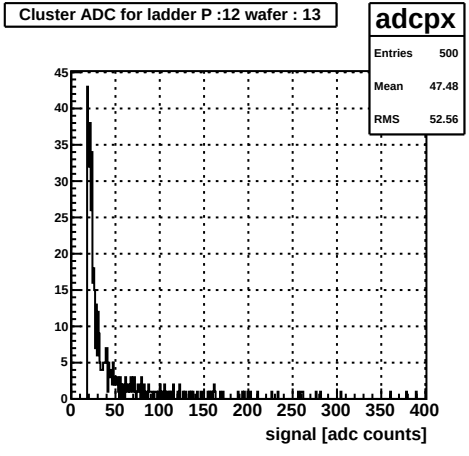

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 338
Mean 66.12
RMS 59.91
signal [adc counts]

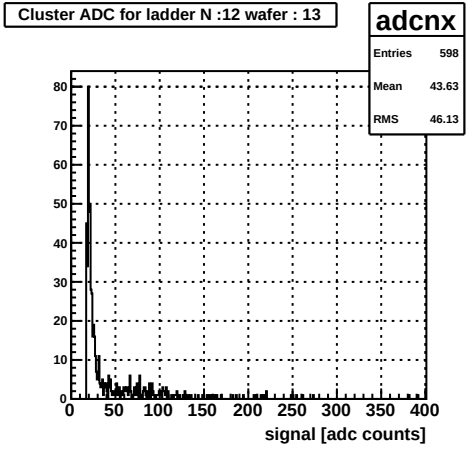

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5094
Mean 27.8
RMS 29.09
signal [adc counts]

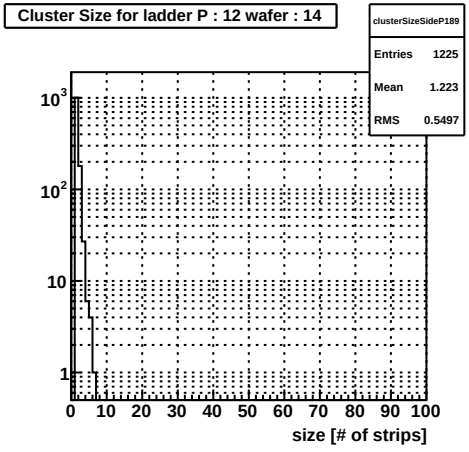

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 500
Mean 1.206
RMS 0.5861
size [# of strips]

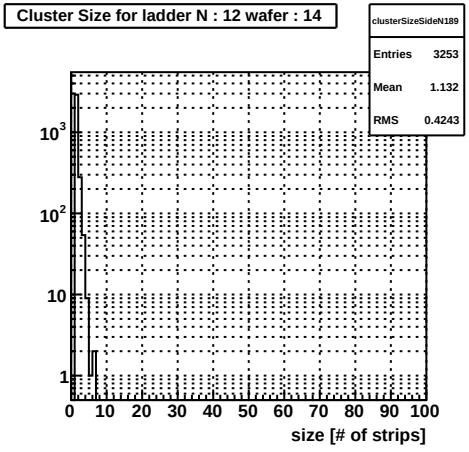

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 598
Mean 1.204
RMS 0.4892
size [# of strips]

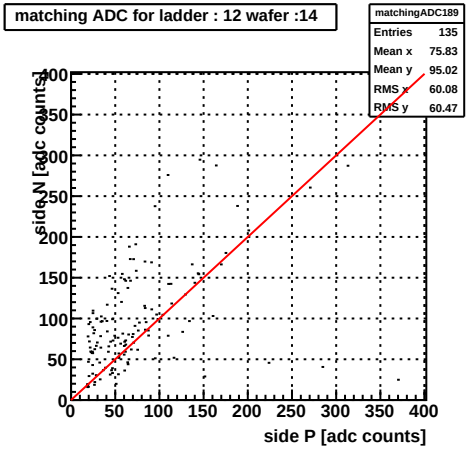

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 65.8
Mean y 59.8
RMS x 27.56
RMS y 30.69
side N [adc counts]
side P [adc counts]

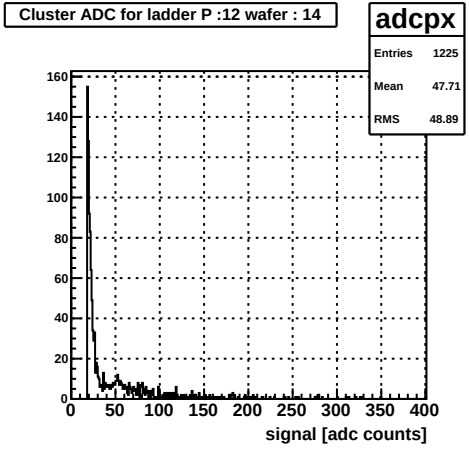

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 500
Mean 47.48
RMS 52.56
signal [adc counts]

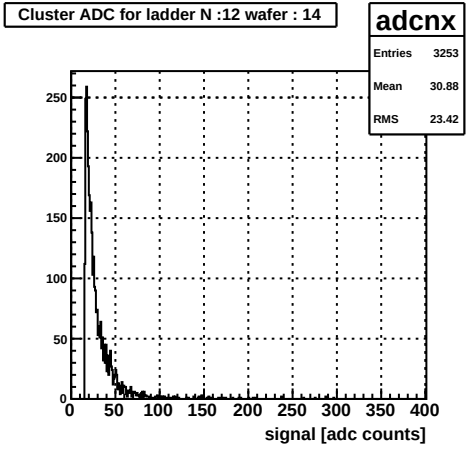

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 598
Mean 43.63
RMS 46.13
signal [adc counts]

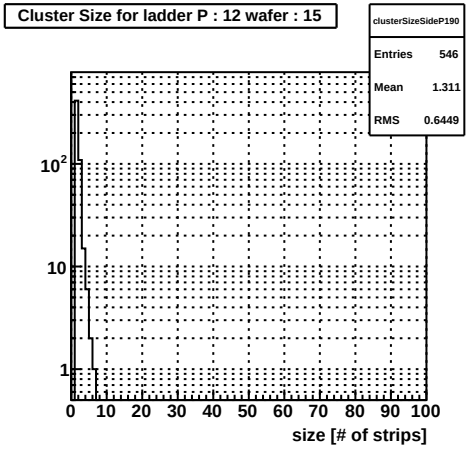

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1225
Mean 1.223
RMS 0.5497
size [# of strips]

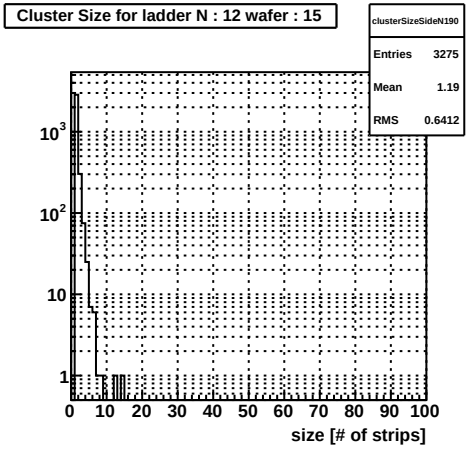

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3253
Mean 1.132
RMS 0.4243
size [# of strips]

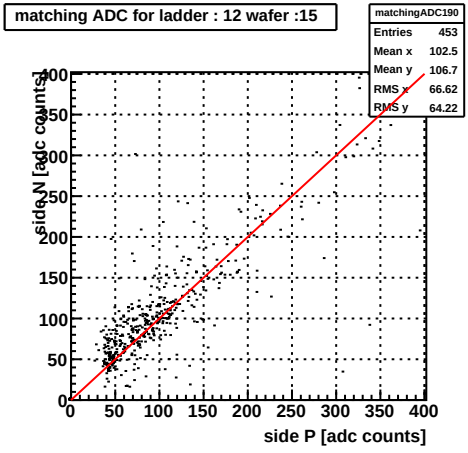

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 135
Mean x 75.83
Mean y 95.02
RMS x 60.08
RMS y 60.47
side N [adc counts]
side P [adc counts]

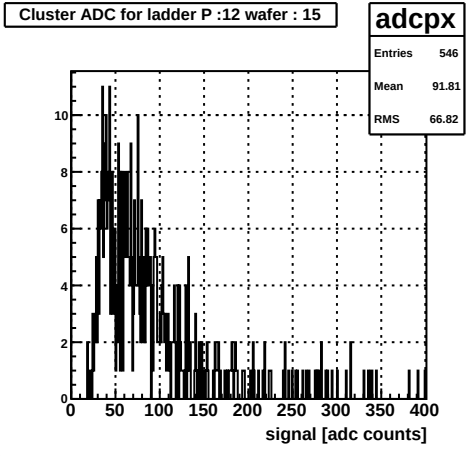

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1225
Mean 47.71
RMS 48.89
signal [adc counts]

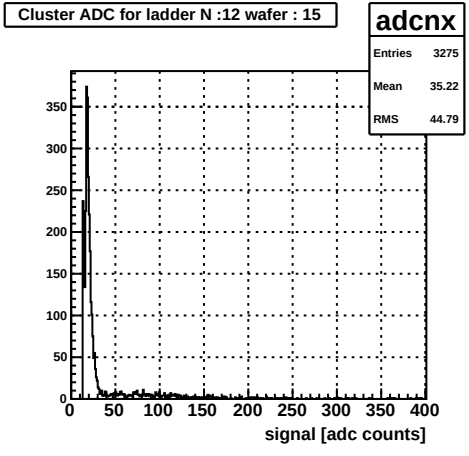

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3253
Mean 30.88
RMS 23.42
signal [adc counts]

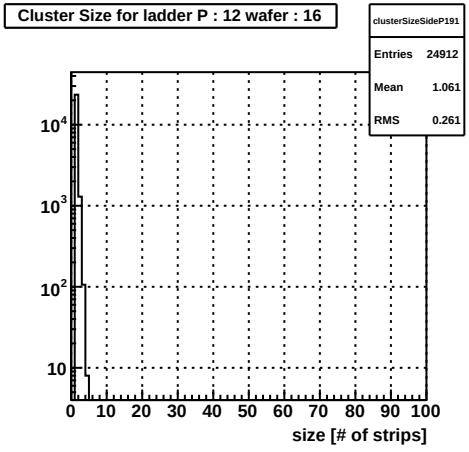

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 546
Mean 1.311
RMS 0.6449
size [# of strips]

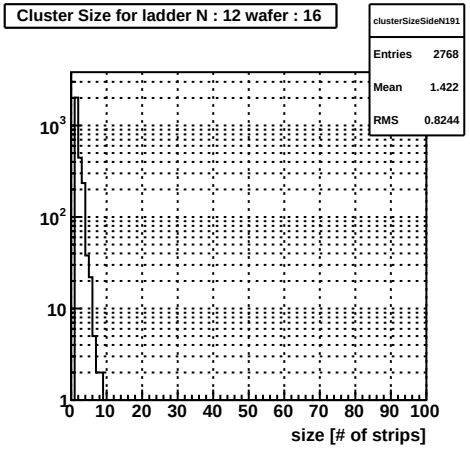

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3275
Mean 1.19
RMS 0.6412
size [# of strips]

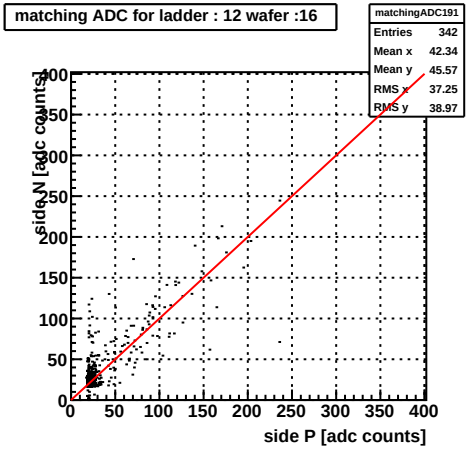

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 453
Mean x 102.5
Mean y 106.7
RMS x 66.62
RMS y 64.22
side N [adc counts]
side P [adc counts]

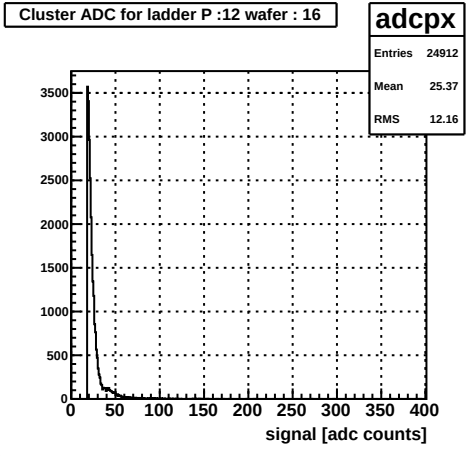

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 546
Mean 91.81
RMS 66.82
signal [adc counts]

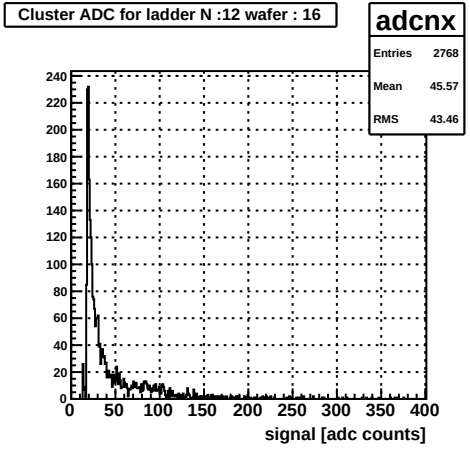

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3275
Mean 35.22
RMS 44.79
signal [adc counts]

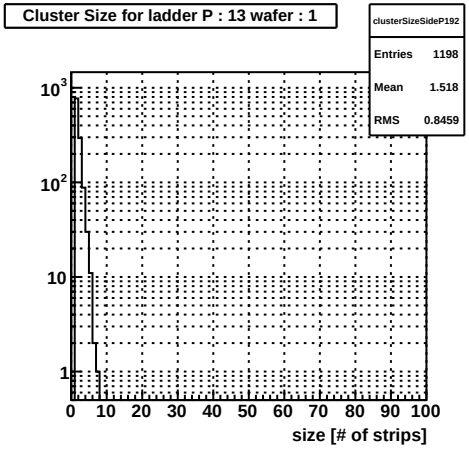

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 24912
Mean 1.061
RMS 0.261
size [# of strips]

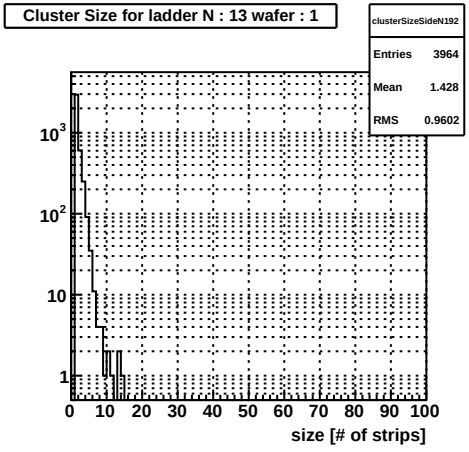

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2768
Mean 1.422
RMS 0.8244
size [# of strips]

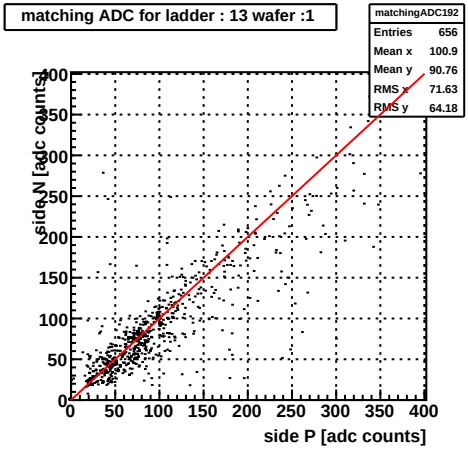

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 342
Mean x 42.34
Mean y 45.57
RMS x 37.25
RMS y 38.97
side N [adc counts]
side P [adc counts]

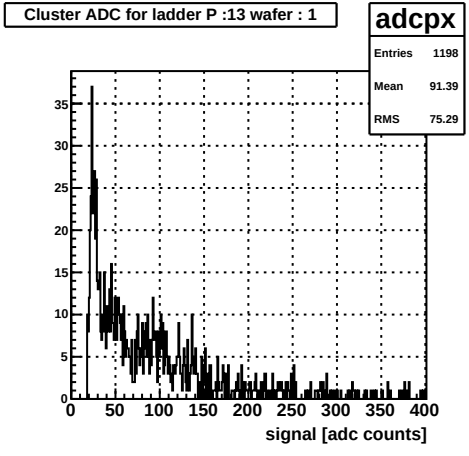

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 24912
Mean 25.37
RMS 12.16
signal [adc counts]

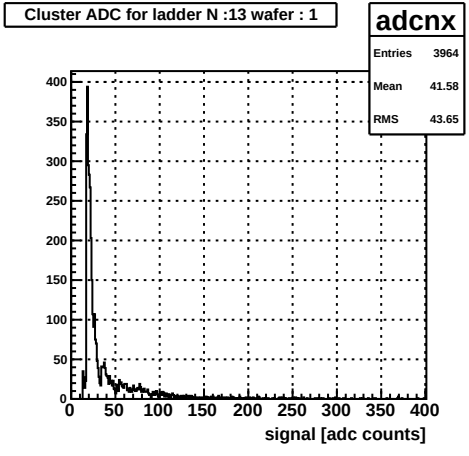

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2768
Mean 45.57
RMS 43.46
signal [adc counts]

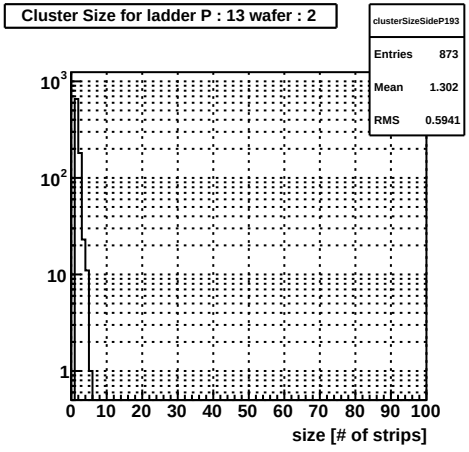

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1198
Mean 1.518
RMS 0.8459
size [# of strips]

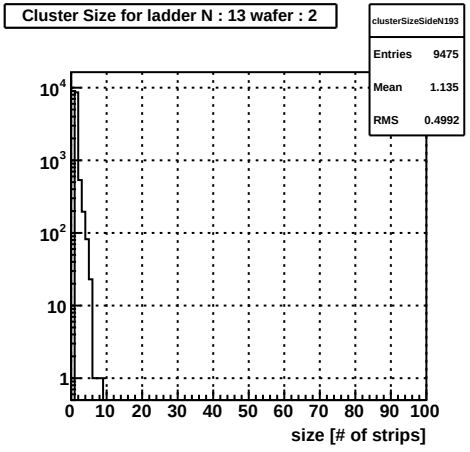

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3964
Mean 1.428
RMS 0.9602
size [# of strips]

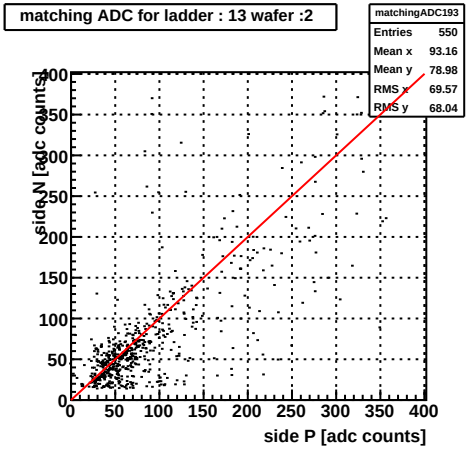

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 656
Mean x 100.9
Mean y 90.76
RMS x 71.63
RMS y 64.18
side N [adc counts]
side P [adc counts]

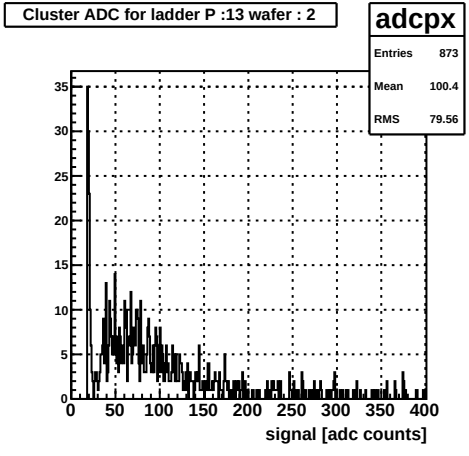

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1198
Mean 91.39
RMS 75.29
signal [adc counts]

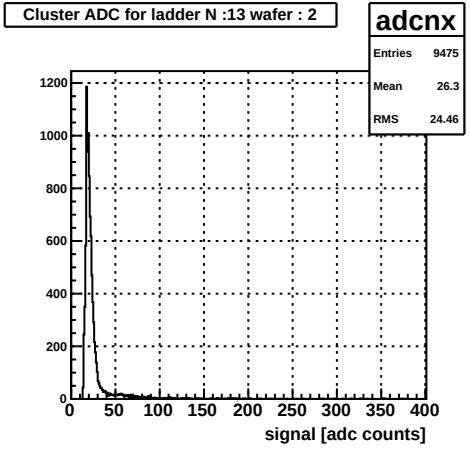

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3964
Mean 41.58
RMS 43.65
signal [adc counts]

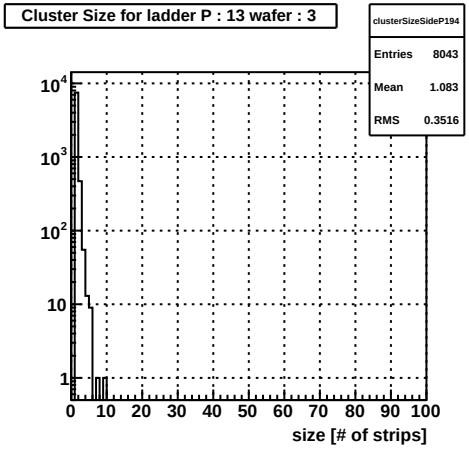

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 873
Mean 1.302
RMS 0.5941
size [# of strips]

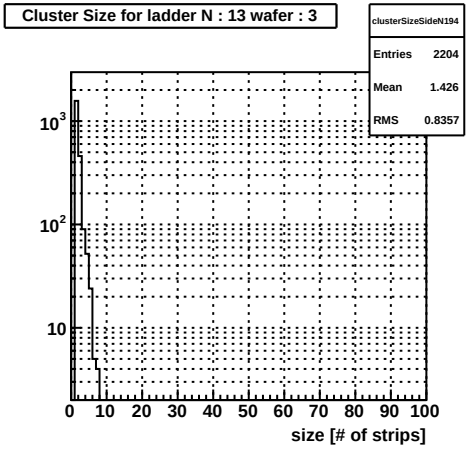

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9475
Mean 1.135
RMS 0.4992
size [# of strips]

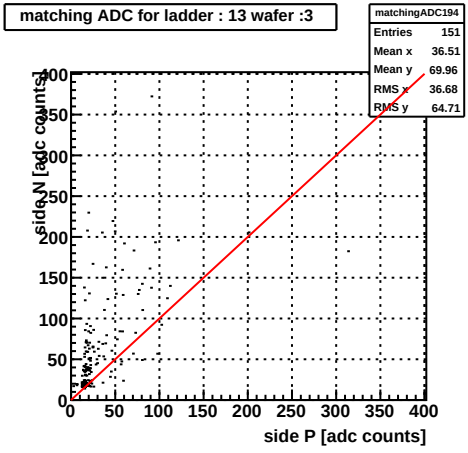

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 550
Mean x 93.16
Mean y 78.98
RMS x 69.57
RMS y 68.04
side N [adc counts]
side P [adc counts]

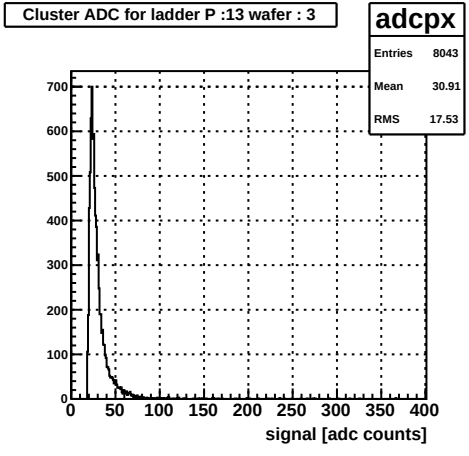

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 873
Mean 100.4
RMS 79.56
signal [adc counts]

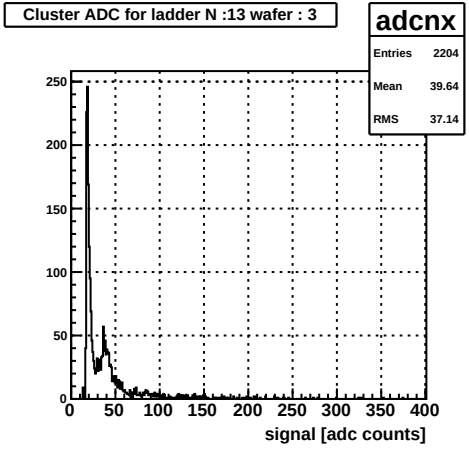

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9475
Mean 26.3
RMS 24.46
signal [adc counts]

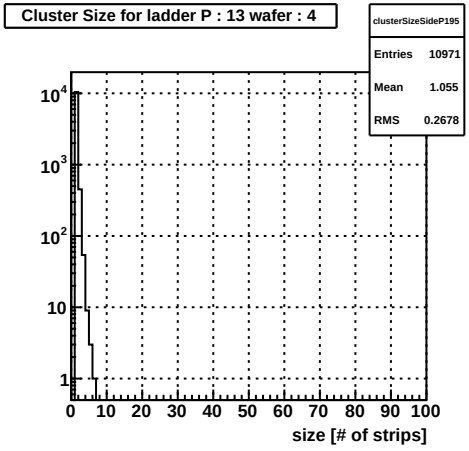

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8043
Mean 1.083
RMS 0.3516
size [# of strips]

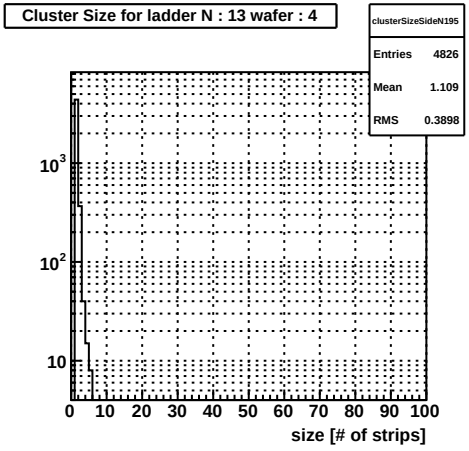

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2204
Mean 1.426
RMS 0.8357
size [# of strips]

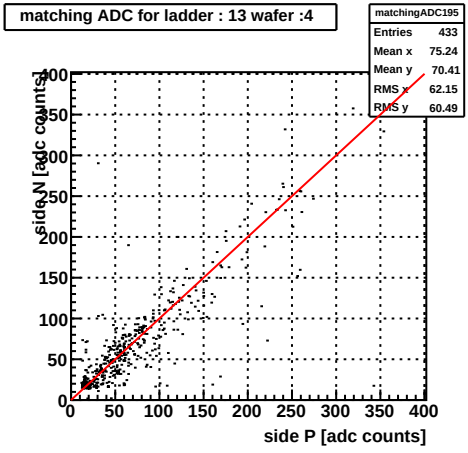

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 151
Mean x 36.51
Mean y 69.96
RMS x 36.68
RMS y 64.71
side N [adc counts]
side P [adc counts]

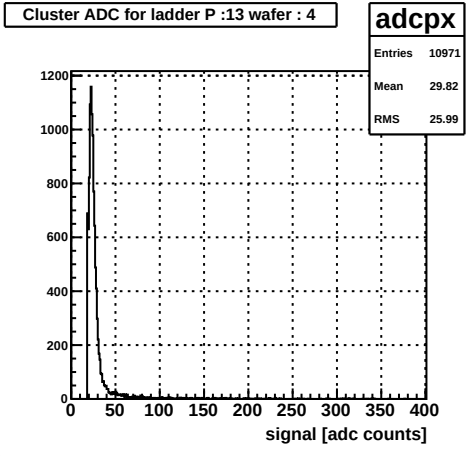

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8043
Mean 30.91
RMS 17.53
signal [adc counts]

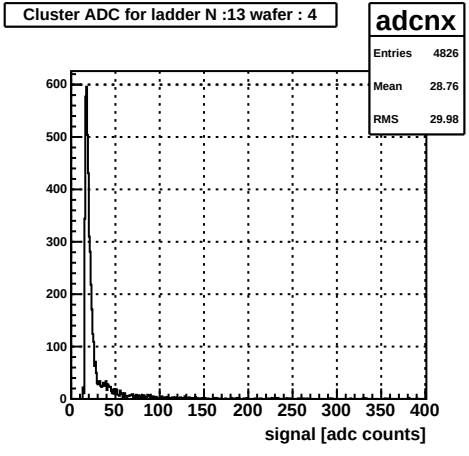

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2204
Mean 39.64
RMS 37.14
signal [adc counts]

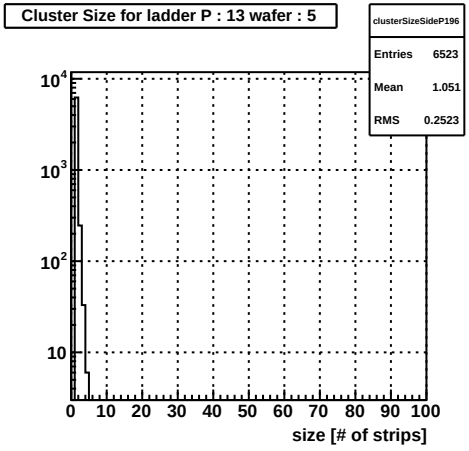

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10971
Mean 1.055
RMS 0.2678
size [# of strips]

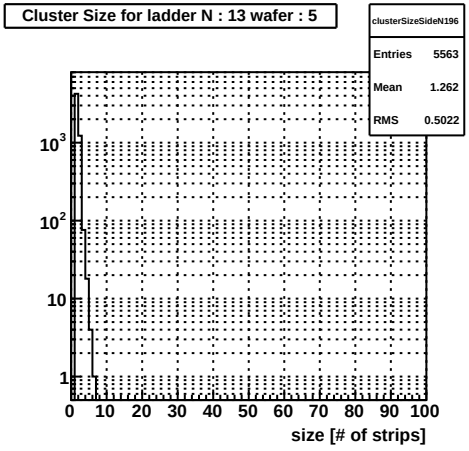

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4826
Mean 1.109
RMS 0.3898
size [# of strips]

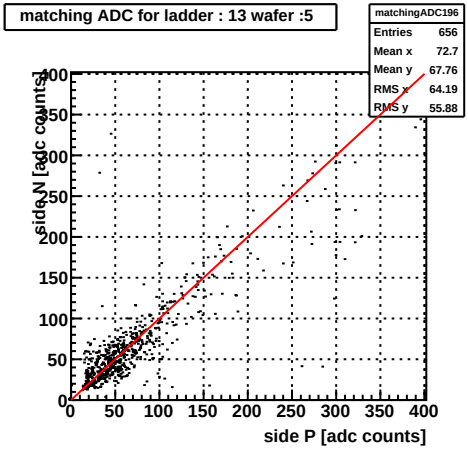

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 433
Mean x 75.24
Mean y 70.41
RMS x 62.15
RMS y 60.49
side N [adc counts]
side P [adc counts]

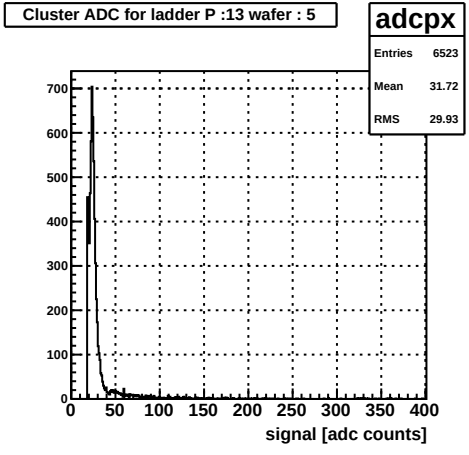

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10971
Mean 29.82
RMS 25.99
signal [adc counts]

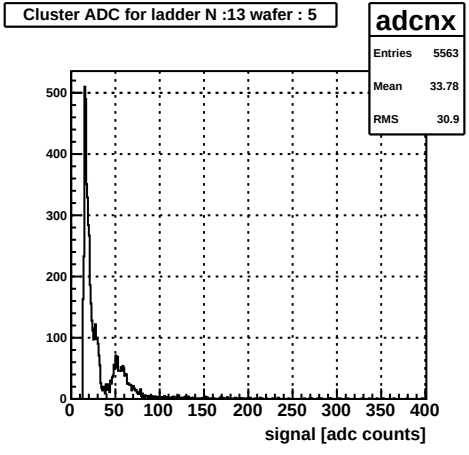

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4826
Mean 28.76
RMS 29.98
signal [adc counts]

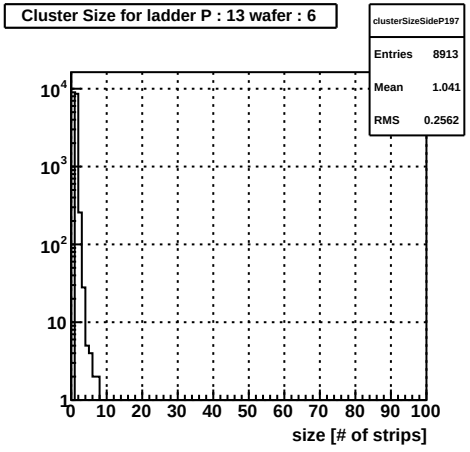

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6523
Mean 1.051
RMS 0.2523
size [# of strips]

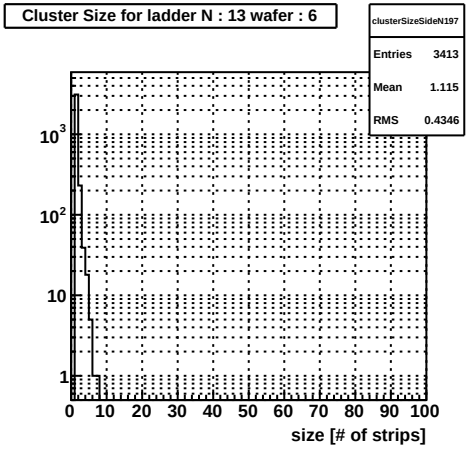

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5563
Mean 1.262
RMS 0.5022
size [# of strips]

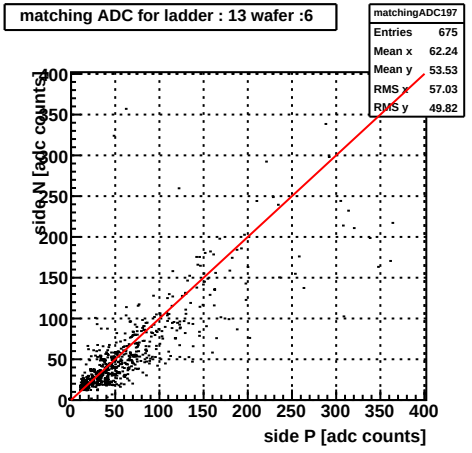

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 656
Mean x 72.7
Mean y 67.76
RMS x 64.19
RMS y 55.88
side N [adc counts]
side P [adc counts]

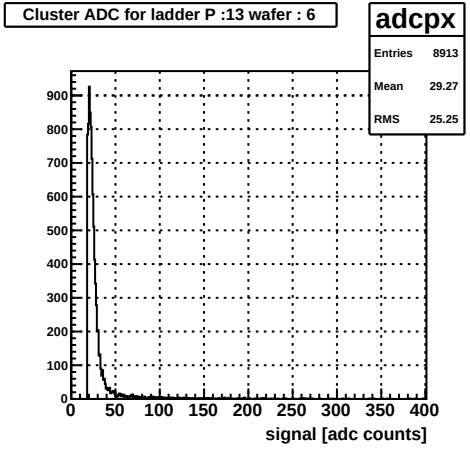

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6523
Mean 31.72
RMS 29.93
signal [adc counts]

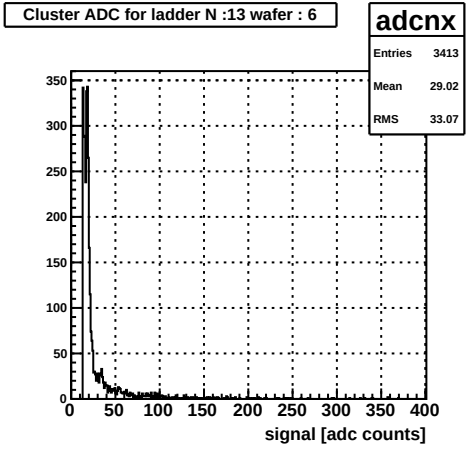

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5563
Mean 33.78
RMS 30.9
signal [adc counts]

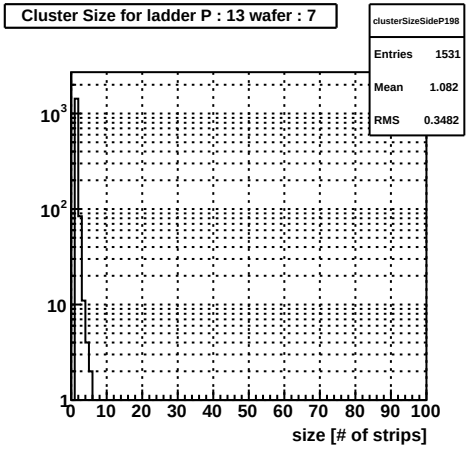

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 8913
Mean 1.041
RMS 0.2562
size [# of strips]

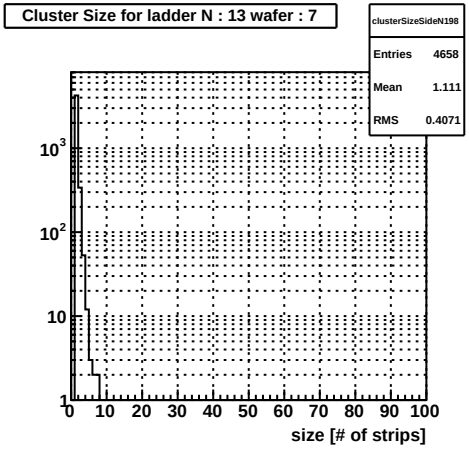

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3413
Mean 1.115
RMS 0.4346
size [# of strips]

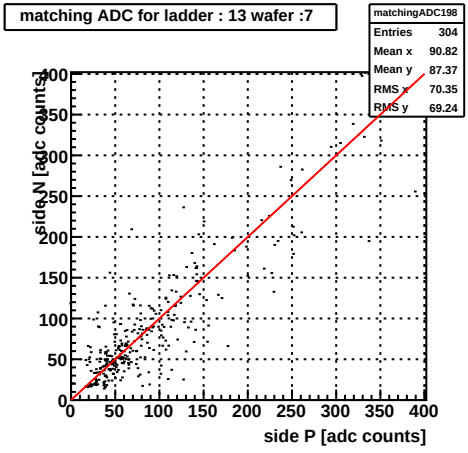

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 675
Mean x 62.24
Mean y 53.53
RMS x 57.03
RMS y 49.82
side N [adc counts]
side P [adc counts]

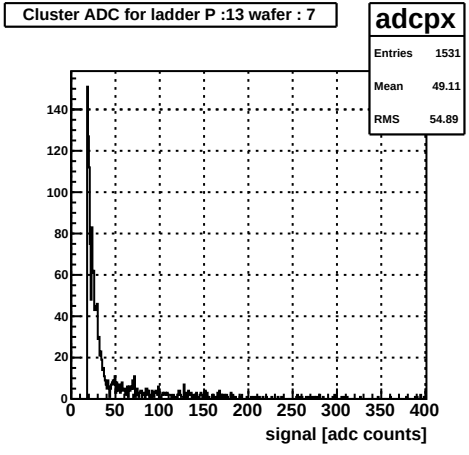

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 8913
Mean 29.27
RMS 25.25
signal [adc counts]

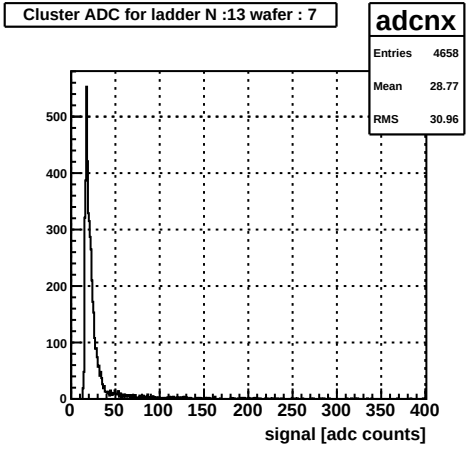

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3413
Mean 29.02
RMS 33.07
signal [adc counts]

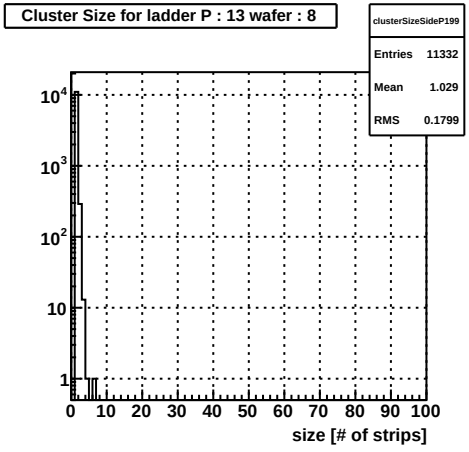

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1531
Mean 1.082
RMS 0.3482
size [# of strips]

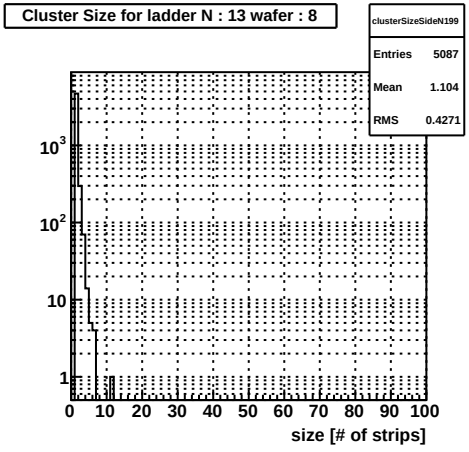

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4658
Mean 1.111
RMS 0.4071
size [# of strips]

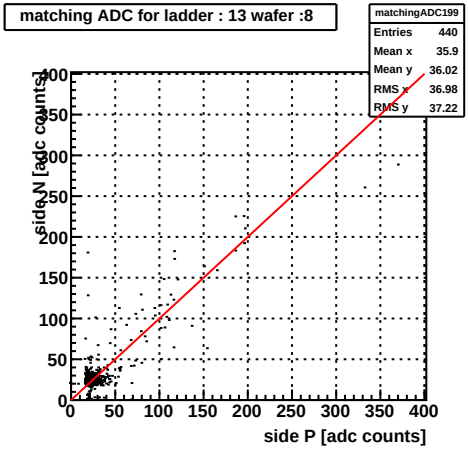

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 304
Mean x 90.82
Mean y 87.37
RMS x 70.35
RMS y 69.24
side N [adc counts]
side P [adc counts]

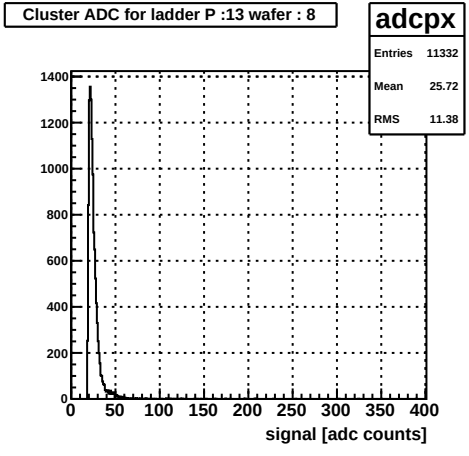

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1531
Mean 49.11
RMS 54.89
signal [adc counts]

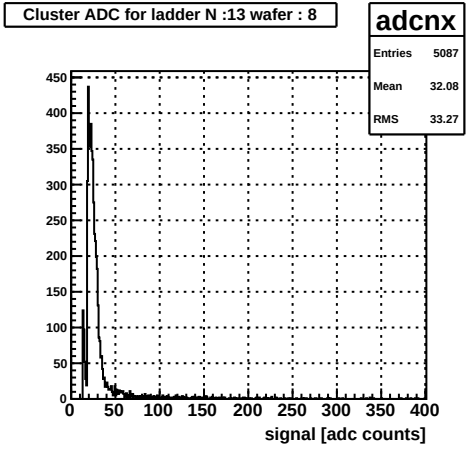

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4658
Mean 28.77
RMS 30.96
signal [adc counts]

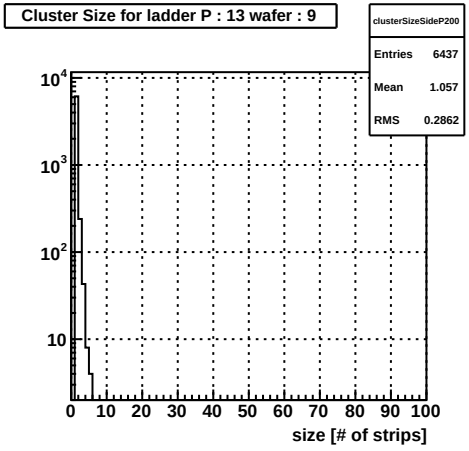

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 11332
Mean 1.029
RMS 0.1799
size [# of strips]

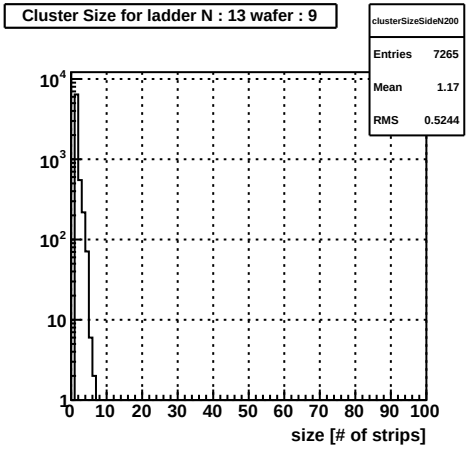

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5087
Mean 1.104
RMS 0.4271
size [# of strips]

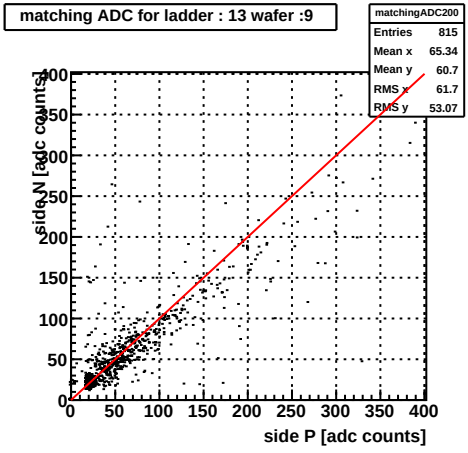

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 440
Mean x 35.9
Mean y 36.02
RMS x 36.98
RMS y 37.22
side N [adc counts]
side P [adc counts]

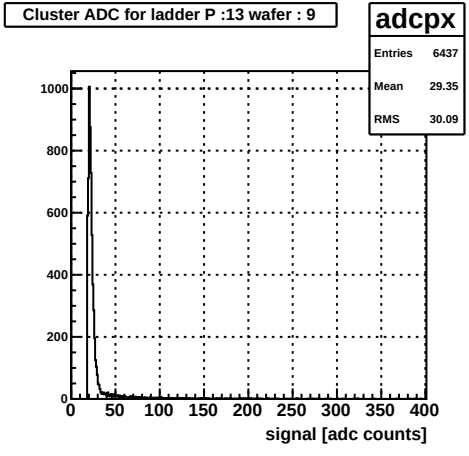

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 11332
Mean 25.72
RMS 11.38
signal [adc counts]

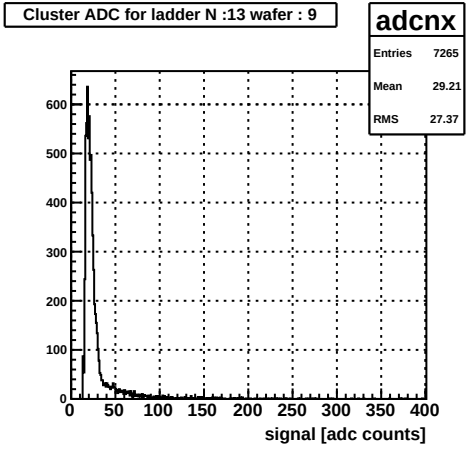

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5087
Mean 32.08
RMS 33.27
signal [adc counts]

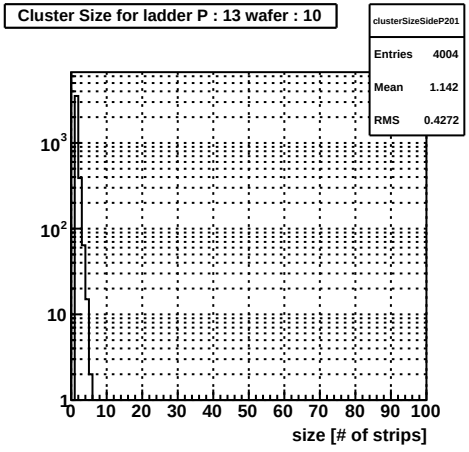

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6437
Mean 1.057
RMS 0.2862
size [# of strips]

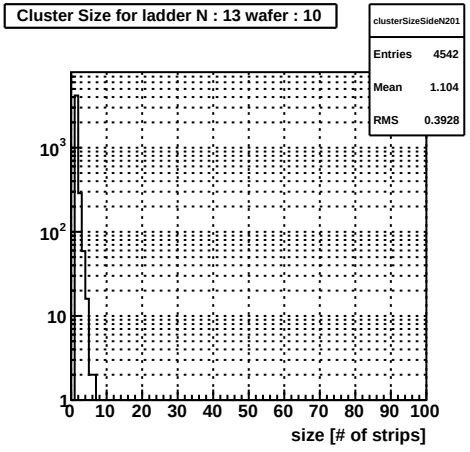

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 7265
Mean 1.17
RMS 0.5244
size [# of strips]

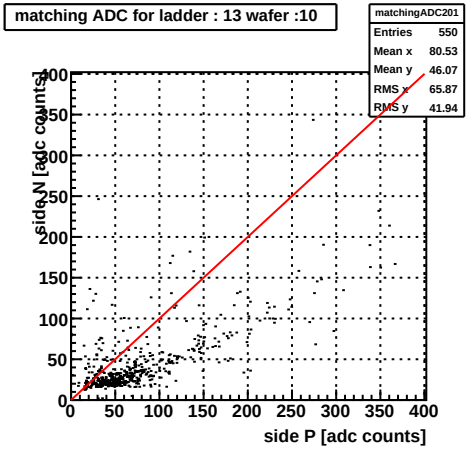

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 815
Mean x 65.34
Mean y 60.7
RMS x 61.7
RMS y 53.07
side N [adc counts]
side P [adc counts]

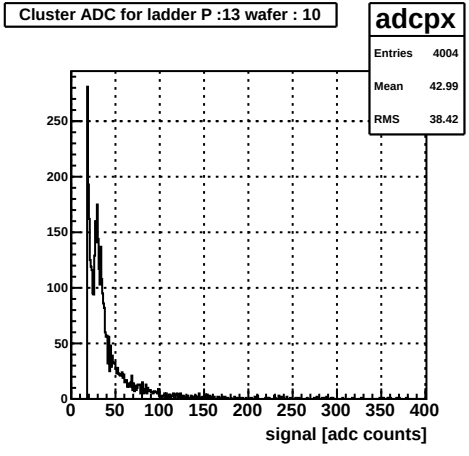

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6437
Mean 29.35
RMS 30.09
signal [adc counts]

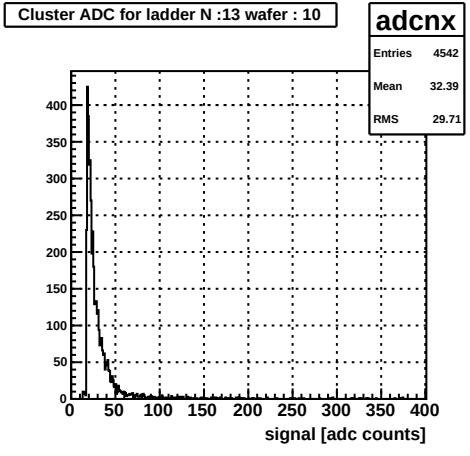

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 7265
Mean 29.21
RMS 27.37
signal [adc counts]

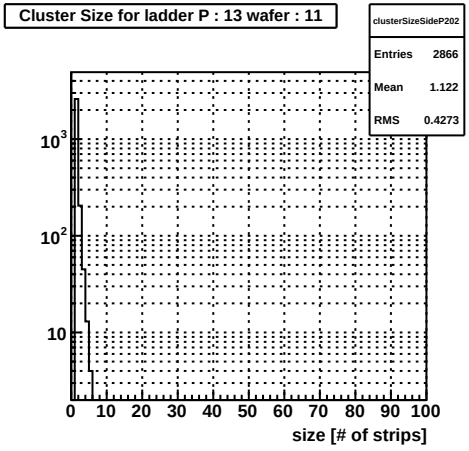

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4004
Mean 1.142
RMS 0.4272
size [# of strips]

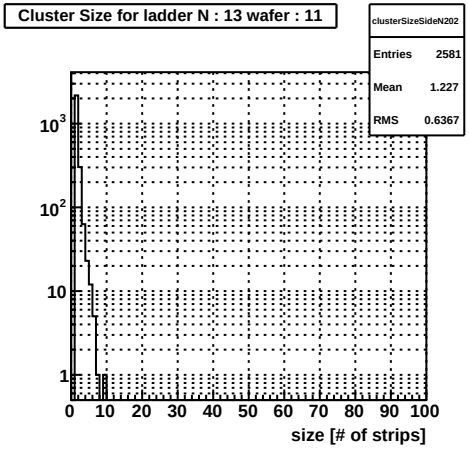

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4542
Mean 1.104
RMS 0.3928
size [# of strips]

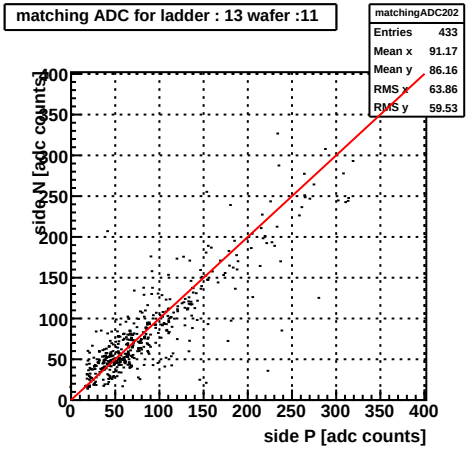

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 550
Mean x 80.53
Mean y 46.07
RMS x 65.87
RMS y 41.94
side N [adc counts]
side P [adc counts]

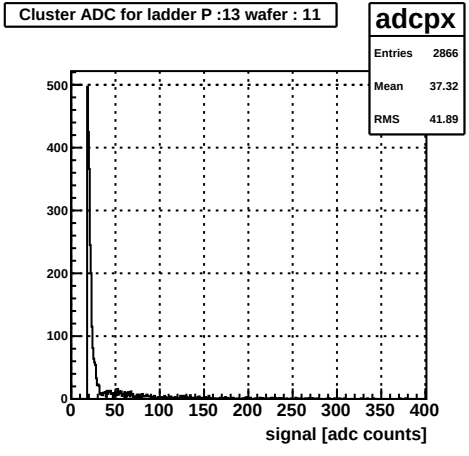

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4004
Mean 42.99
RMS 38.42
signal [adc counts]

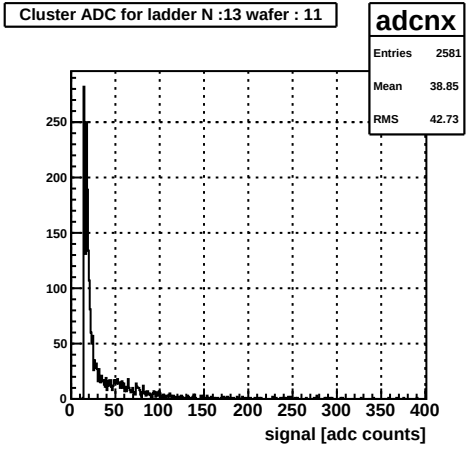

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4542
Mean 32.39
RMS 29.71
signal [adc counts]

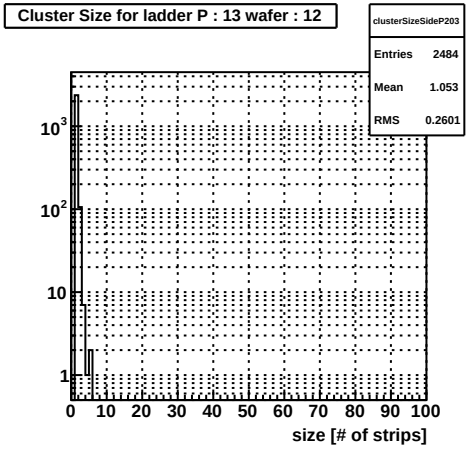

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2866
Mean 1.122
RMS 0.4273
size [# of strips]

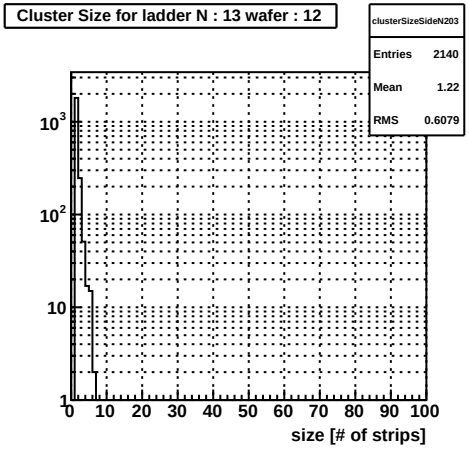

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2581
Mean 1.227
RMS 0.6367
size [# of strips]

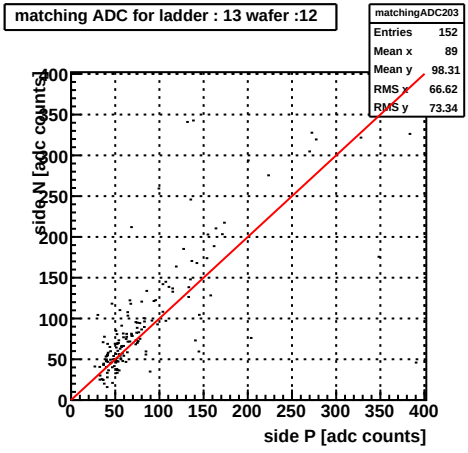

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 433
Mean x 91.17
Mean y 86.16
RMS x 63.86
RMS y 59.53
side N [adc counts]
side P [adc counts]

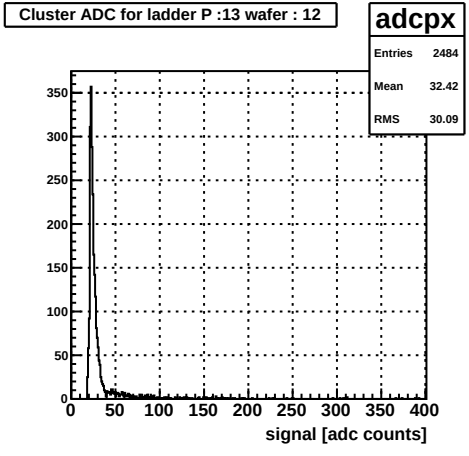

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2866
Mean 37.32
RMS 41.89
signal [adc counts]

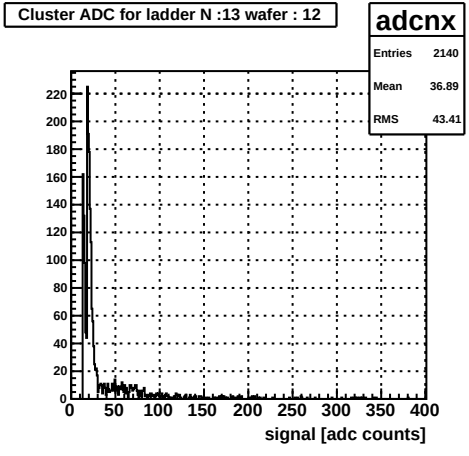

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2581
Mean 38.85
RMS 42.73
signal [adc counts]

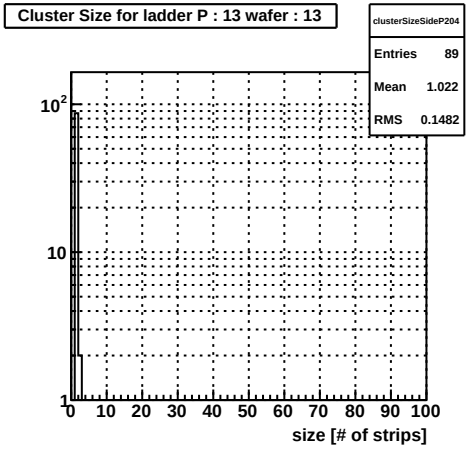

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2484
Mean 1.053
RMS 0.2601
size [# of strips]

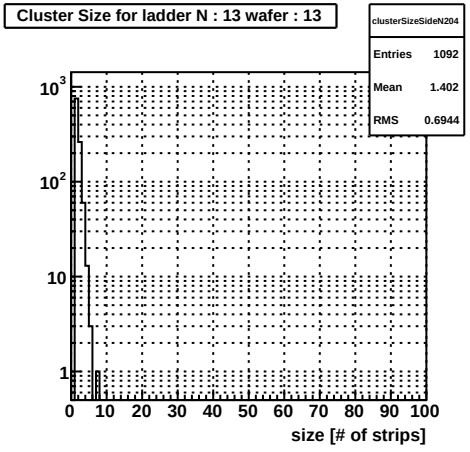

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2140
Mean 1.22
RMS 0.6079
size [# of strips]

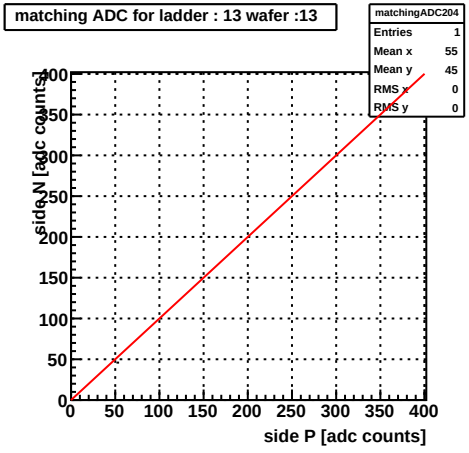

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 152
Mean x 89
Mean y 98.31
RMS x 66.62
RMS y 73.34
side N [adc counts]
side P [adc counts]

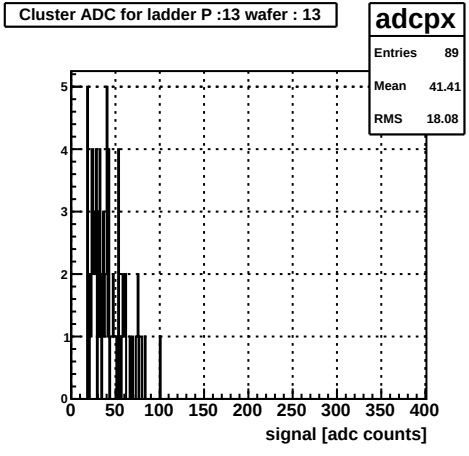

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2484
Mean 32.42
RMS 30.09
signal [adc counts]

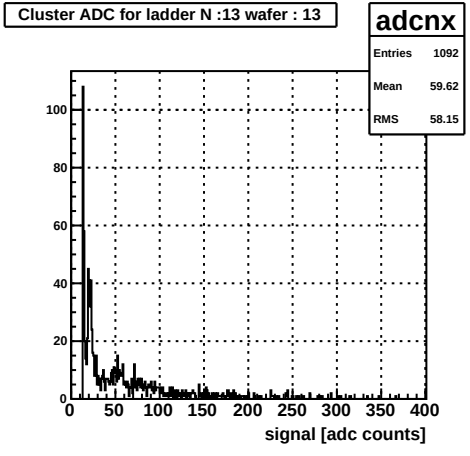

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2140
Mean 36.89
RMS 43.41
signal [adc counts]

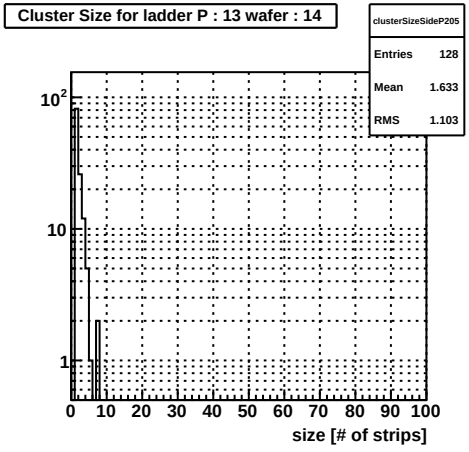

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 89
Mean 1.022
RMS 0.1482
size [# of strips]

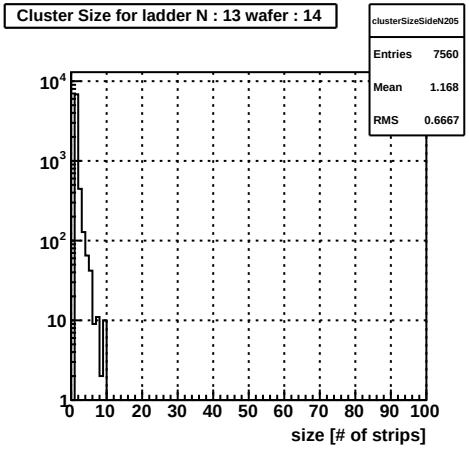

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1092
Mean 1.402
RMS 0.6944
size [# of strips]

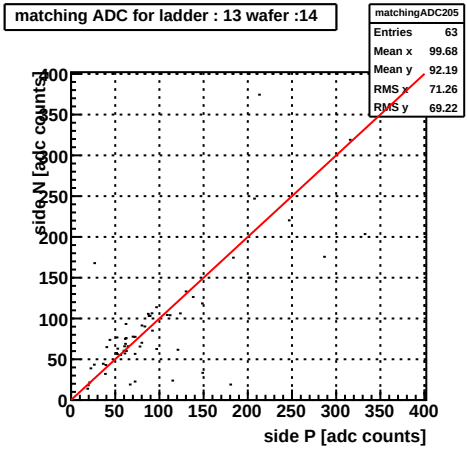

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 55
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

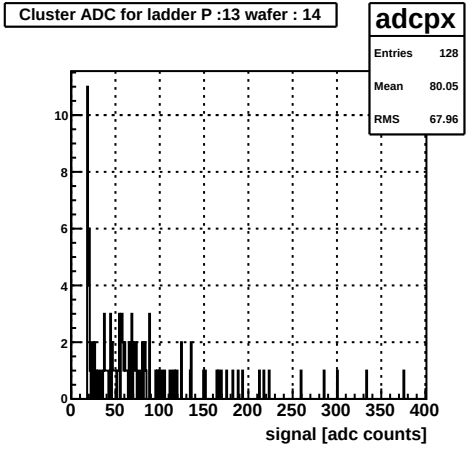

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 89
Mean 41.41
RMS 18.08
signal [adc counts]

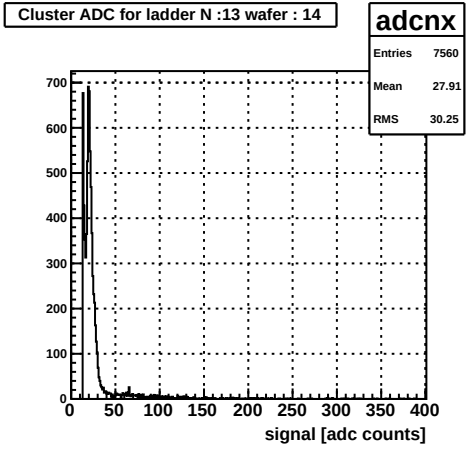

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1092
Mean 59.62
RMS 58.15
signal [adc counts]

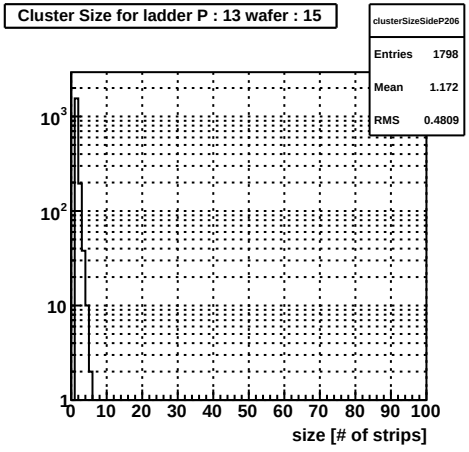

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 128
Mean 1.633
RMS 1.103
size [# of strips]

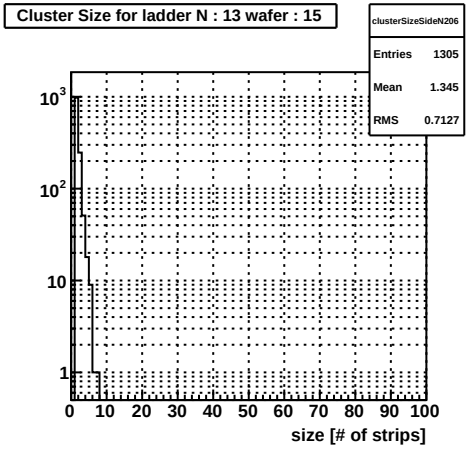

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 7560
Mean 1.168
RMS 0.6667
size [# of strips]

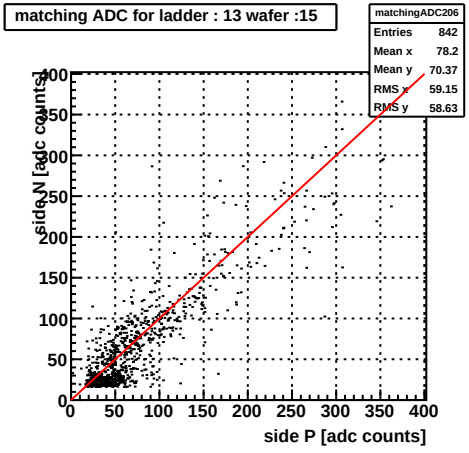

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 63
Mean x 99.68
Mean y 92.19
RMS x 71.26
RMS y 69.22
side N [adc counts]
side P [adc counts]

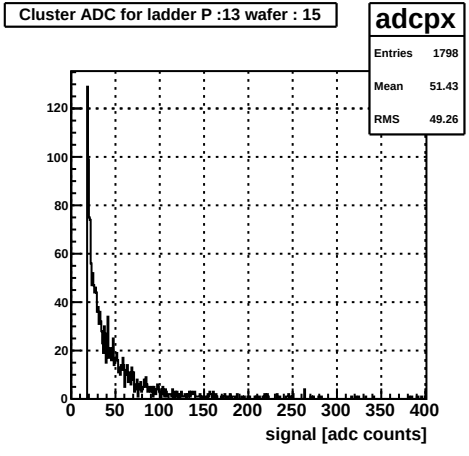

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 128
Mean 80.05
RMS 67.96
signal [adc counts]

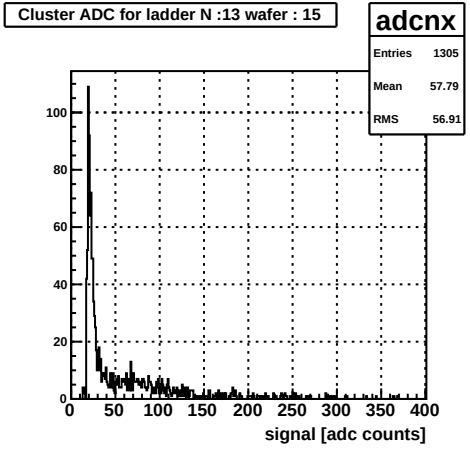

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 7560
Mean 27.91
RMS 30.25
signal [adc counts]

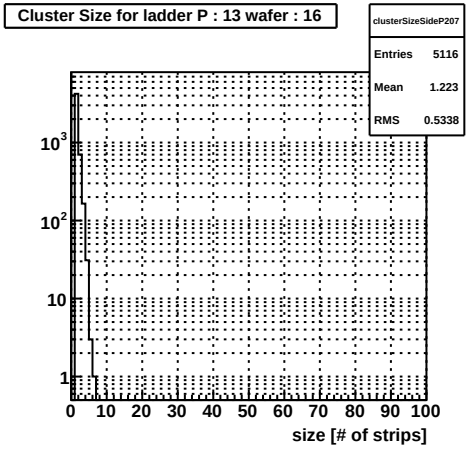

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1798
Mean 1.172
RMS 0.4809
size [# of strips]

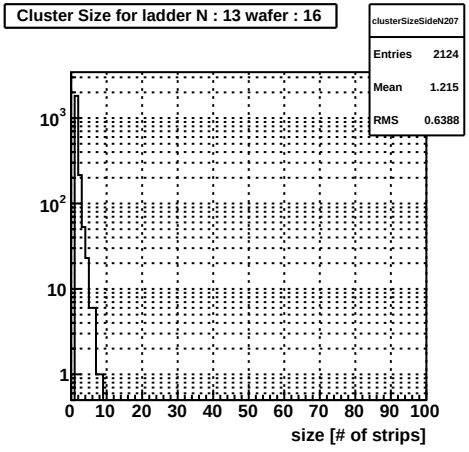

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1305
Mean 1.345
RMS 0.7127
size [# of strips]

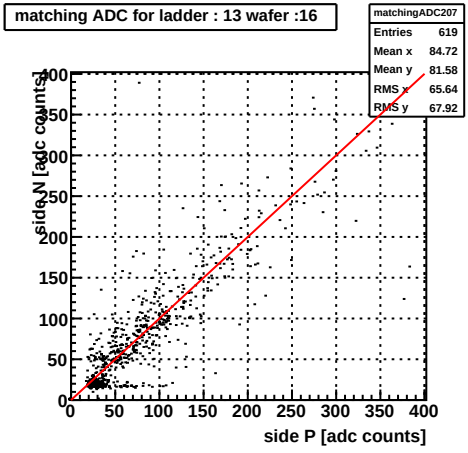

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 842
Mean x 78.2
Mean y 70.37
RMS x 59.15
RMS y 58.63
side N [adc counts]
side P [adc counts]

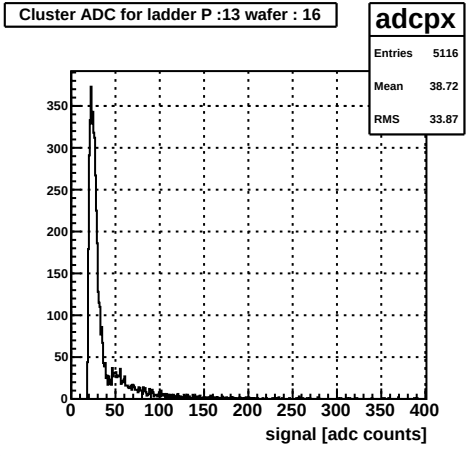

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1798
Mean 51.43
RMS 49.26
signal [adc counts]

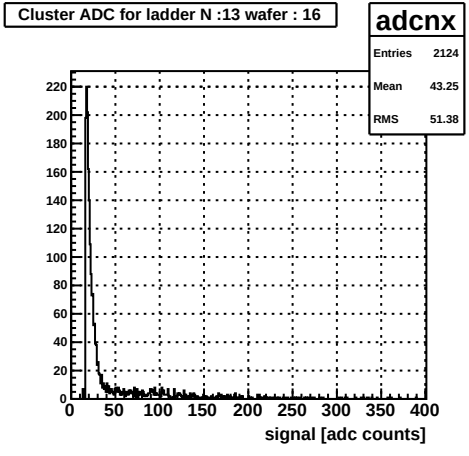

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1305
Mean 57.79
RMS 56.91
signal [adc counts]

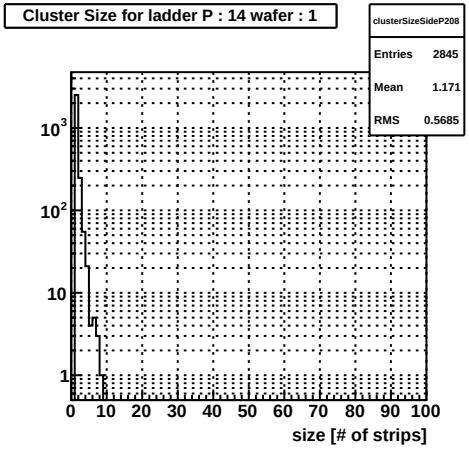

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5116
Mean 1.223
RMS 0.5338
size [# of strips]

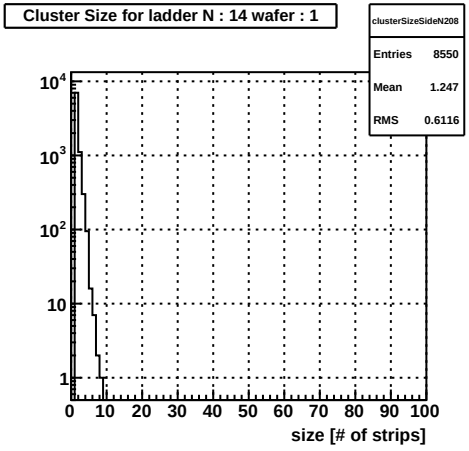

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2124
Mean 1.215
RMS 0.6388
size [# of strips]

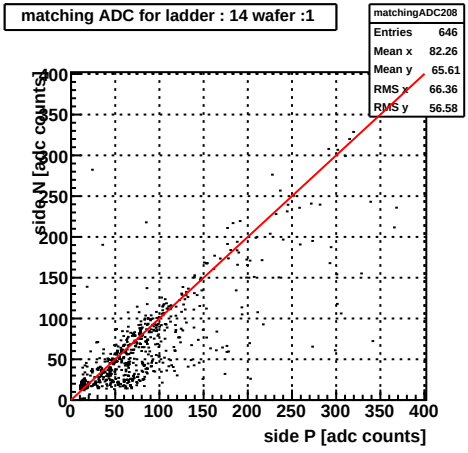

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 619
Mean x 84.72
Mean y 81.58
RMS x 65.64
RMS y 67.92
side N [adc counts]
side P [adc counts]

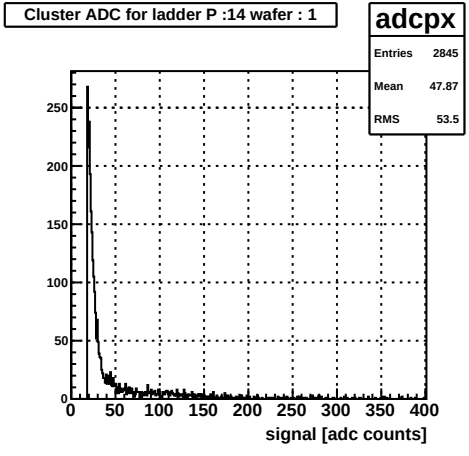

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5116
Mean 38.72
RMS 33.87
signal [adc counts]

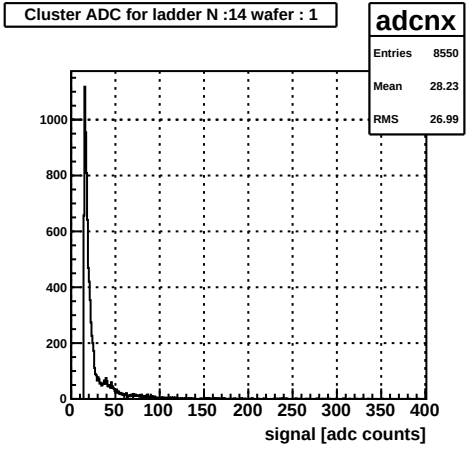

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2124
Mean 43.25
RMS 51.38
signal [adc counts]

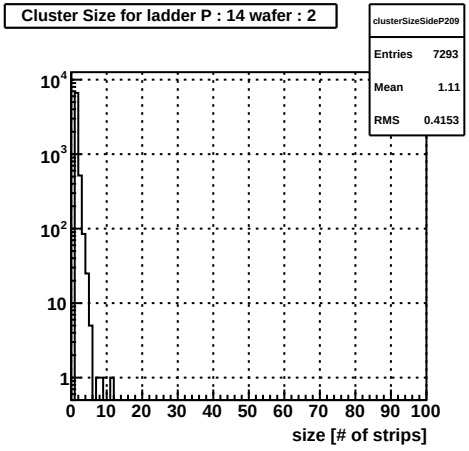

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2845
Mean 1.171
RMS 0.5685
size [# of strips]

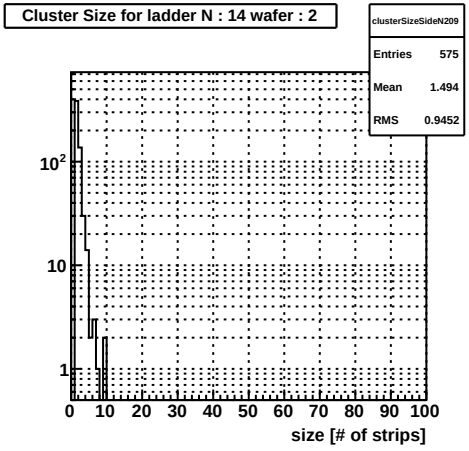

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8550
Mean 1.247
RMS 0.6116
size [# of strips]

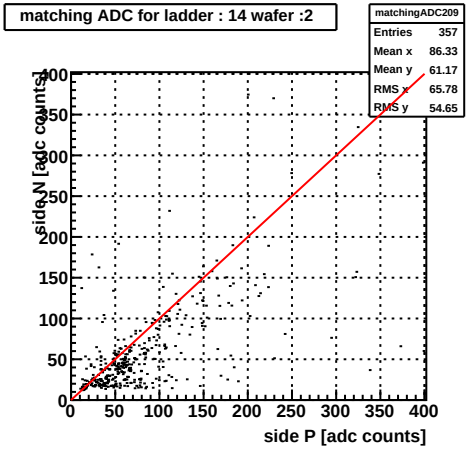

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 646
Mean x 82.26
Mean y 65.61
RMS x 66.36
RMS y 56.58
side N [adc counts]
side P [adc counts]

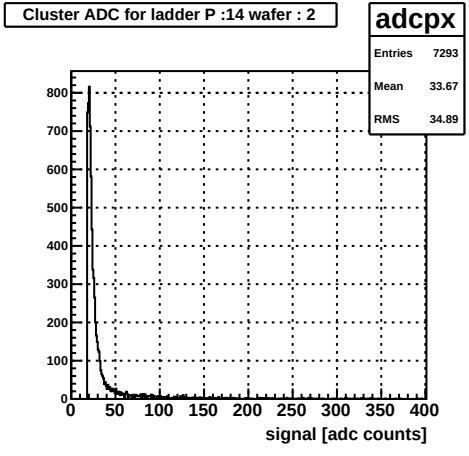

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2845
Mean 47.87
RMS 53.5
signal [adc counts]

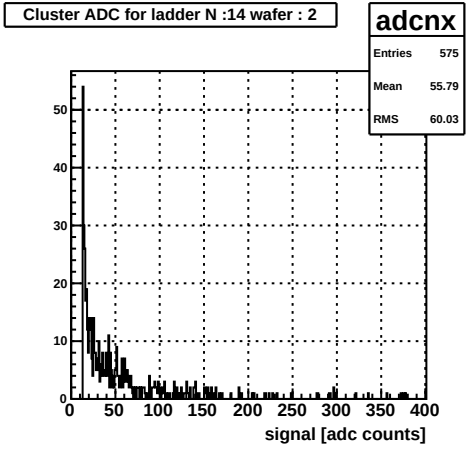

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8550
Mean 28.23
RMS 26.99
signal [adc counts]

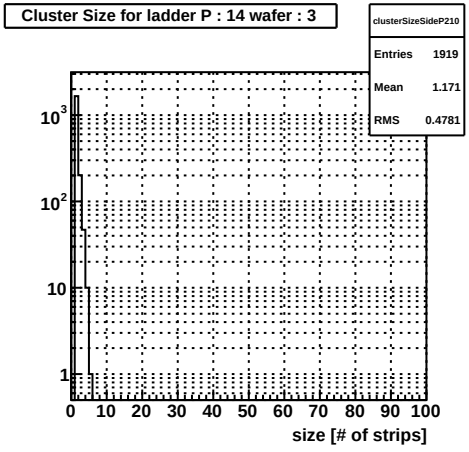

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7293
Mean 1.11
RMS 0.4153
size [# of strips]

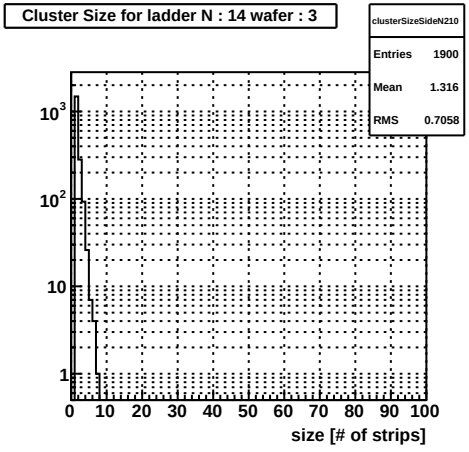

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 575
Mean 1.494
RMS 0.9452
size [# of strips]

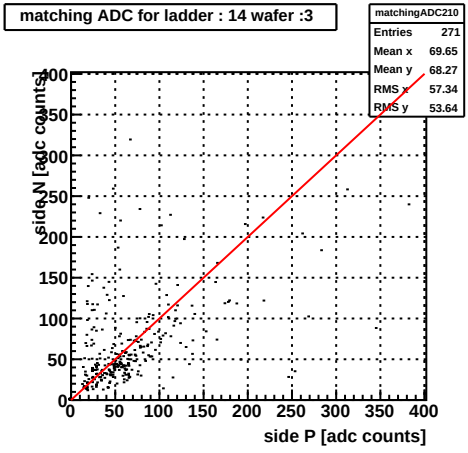

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 357
Mean x 86.33
Mean y 61.17
RMS x 65.78
RMS y 54.65
side N [adc counts]
side P [adc counts]

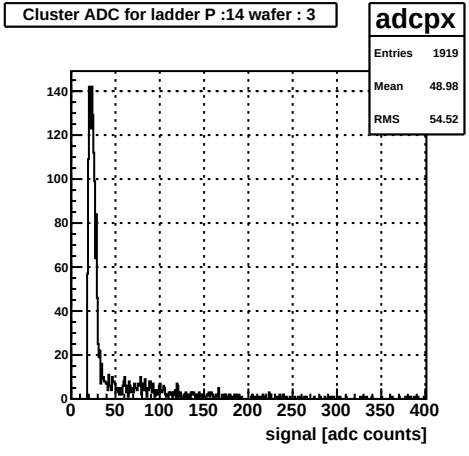

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7293
Mean 33.67
RMS 34.89
signal [adc counts]

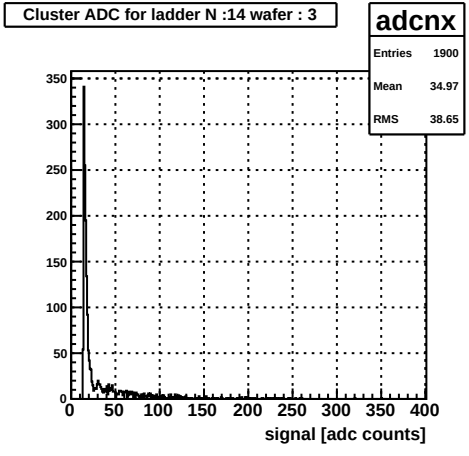

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 575
Mean 55.79
RMS 60.03
signal [adc counts]

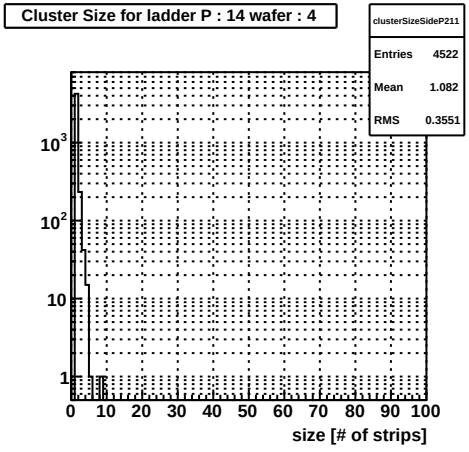

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1919
Mean 1.171
RMS 0.4781
size [# of strips]

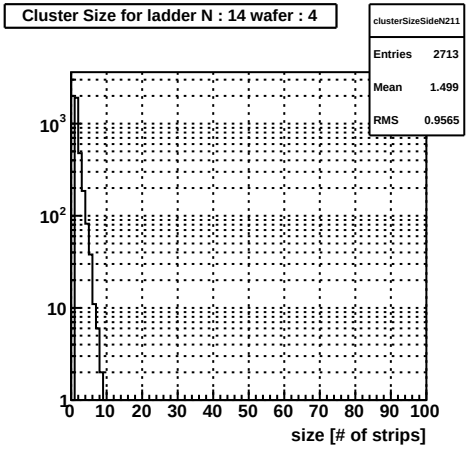

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1900
Mean 1.316
RMS 0.7058
size [# of strips]

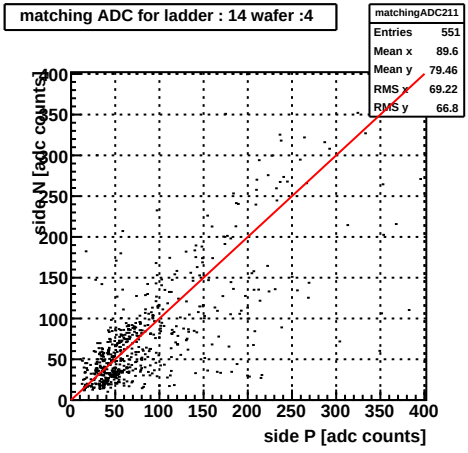

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 271
Mean x 69.65
Mean y 68.27
RMS x 57.34
RMS y 53.64
side N [adc counts]
side P [adc counts]

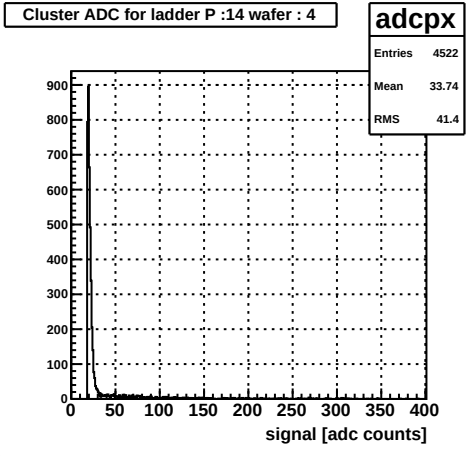

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1919
Mean 48.98
RMS 54.52
signal [adc counts]

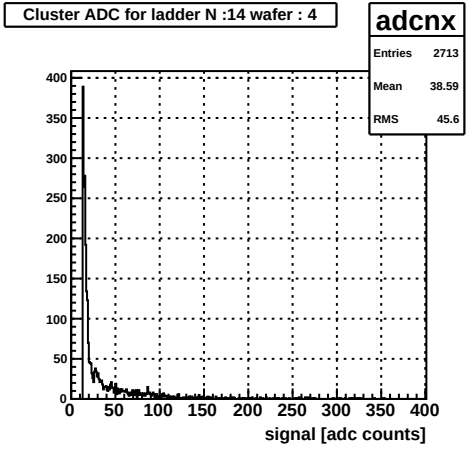

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1900
Mean 34.97
RMS 38.65
signal [adc counts]

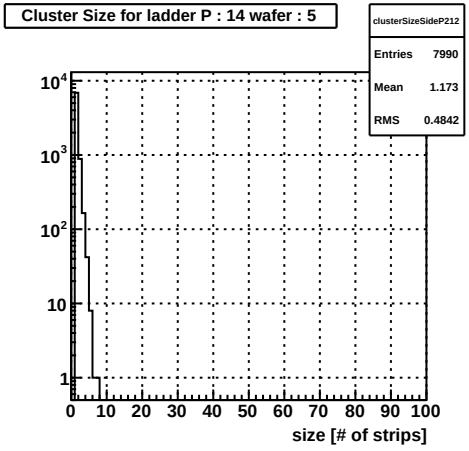

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4522
Mean 1.082
RMS 0.3551
size [# of strips]

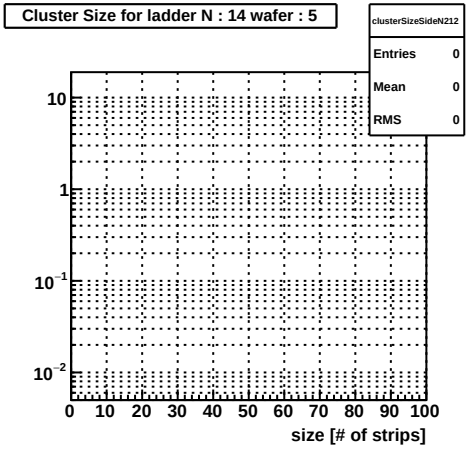

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2713
Mean 1.499
RMS 0.9565
size [# of strips]

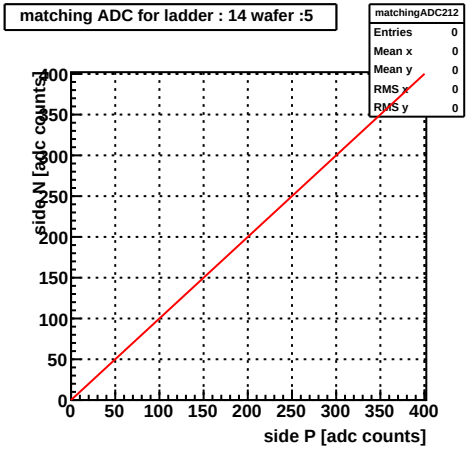

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 551
Mean x 89.6
Mean y 79.46
RMS x 69.22
RMS y 66.8
side N [adc counts]
side P [adc counts]

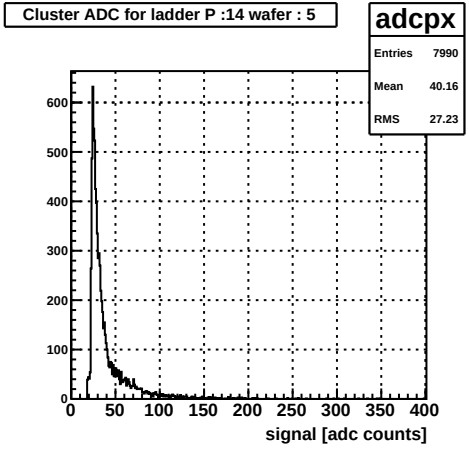

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4522
Mean 33.74
RMS 41.4
signal [adc counts]

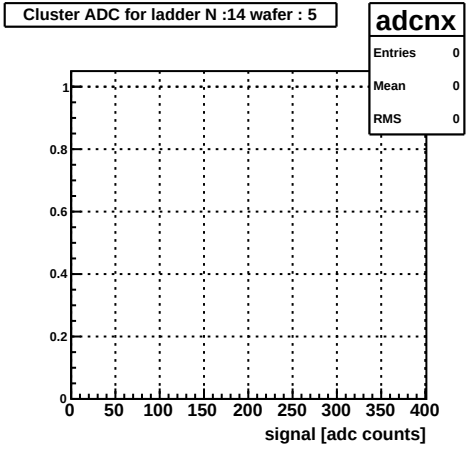

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2713
Mean 38.59
RMS 45.6
signal [adc counts]

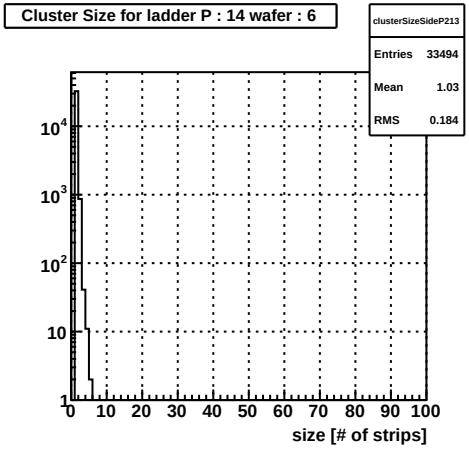

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7990
Mean 1.173
RMS 0.4842
size [# of strips]

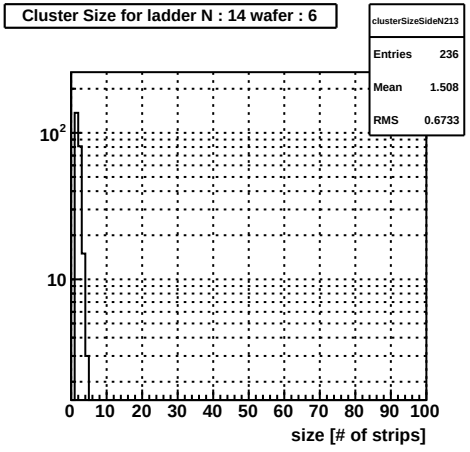

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

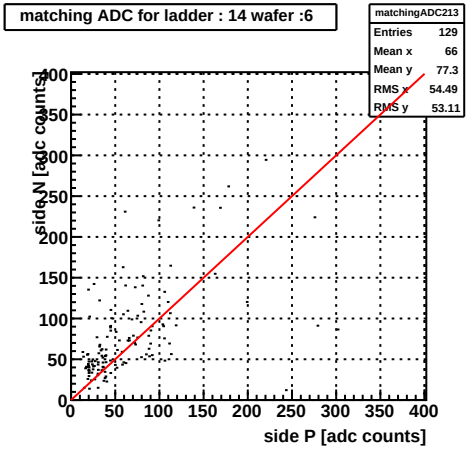

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

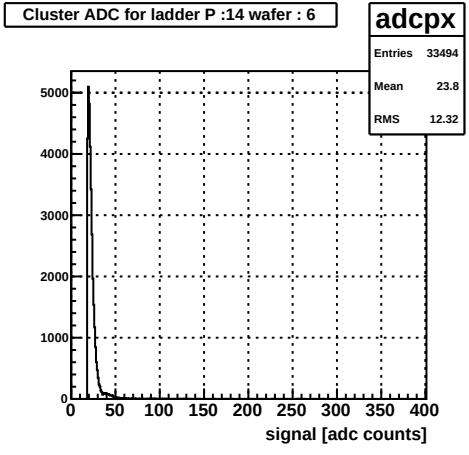

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7990
Mean 40.16
RMS 27.23
signal [adc counts]

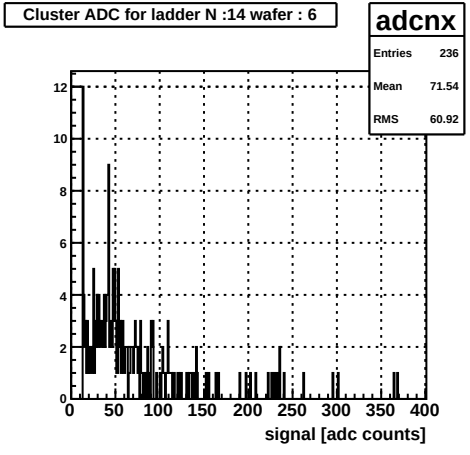

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

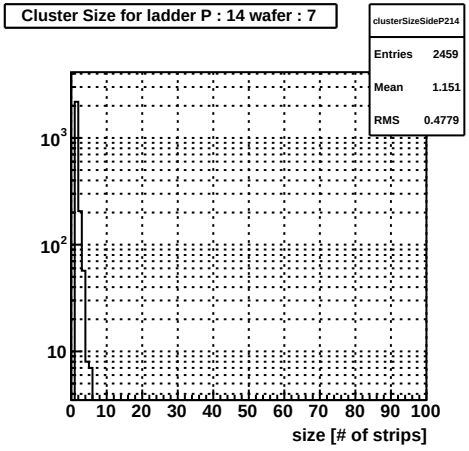

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 33494
Mean 1.03
RMS 0.184
size [# of strips]

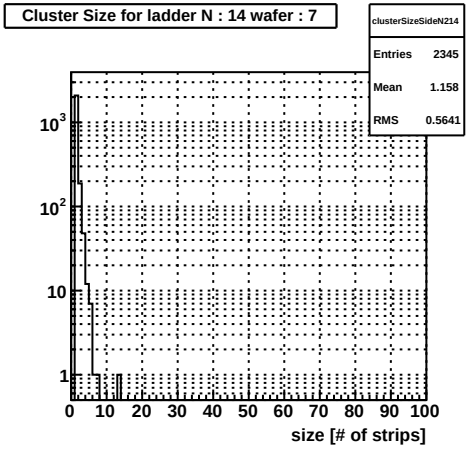

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 236
Mean 1.508
RMS 0.6733
size [# of strips]

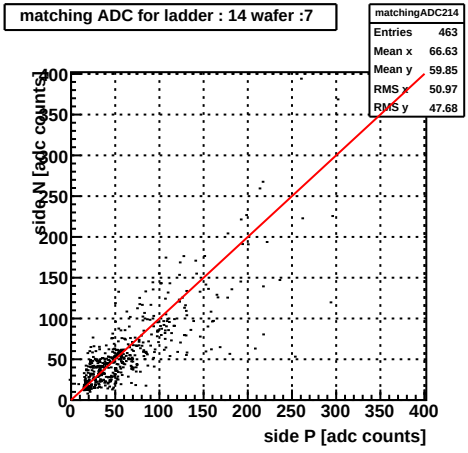

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 129
Mean x 66
Mean y 77.3
RMS x 54.49
RMS y 53.11
side N [adc counts]
side P [adc counts]

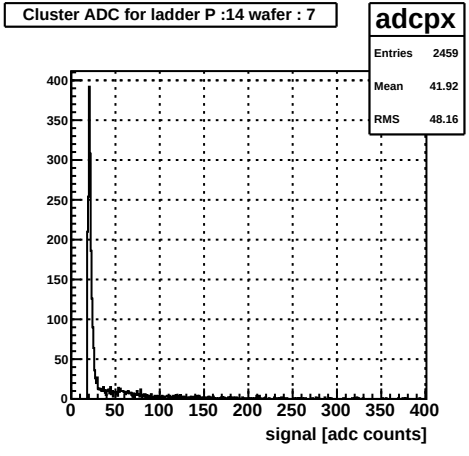

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 33494
Mean 23.8
RMS 12.32
signal [adc counts]

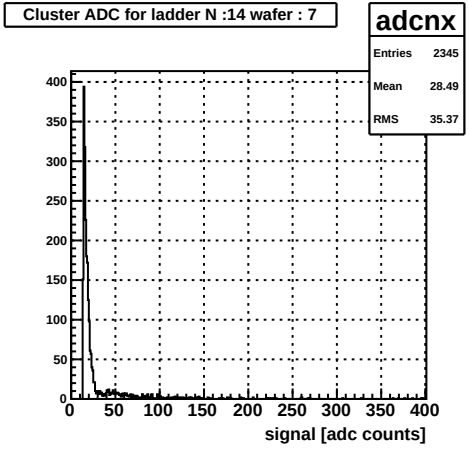

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 236
Mean 71.54
RMS 60.92
signal [adc counts]

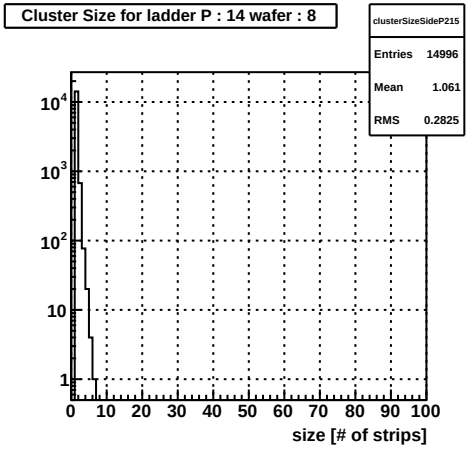

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2459
Mean 1.151
RMS 0.4779
size [# of strips]

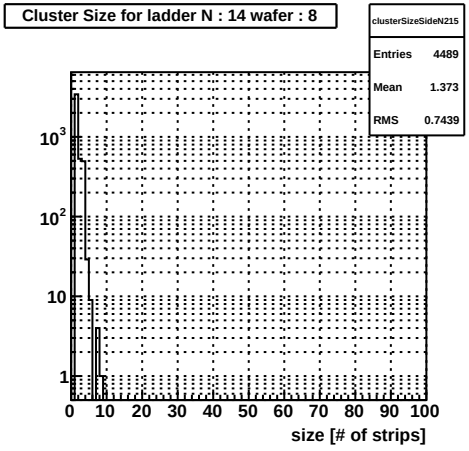

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2345
Mean 1.158
RMS 0.5641
size [# of strips]

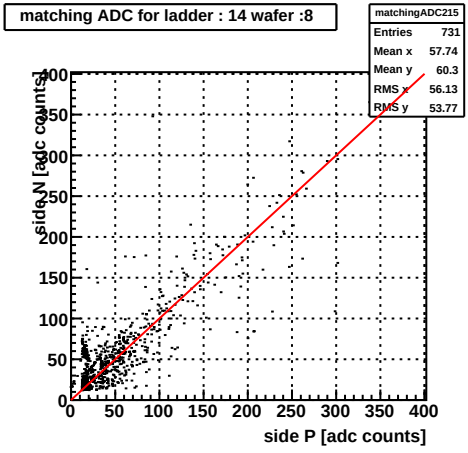

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 463
Mean x 66.63
Mean y 59.85
RMS x 50.97
RMS y 47.68
side N [adc counts]
side P [adc counts]

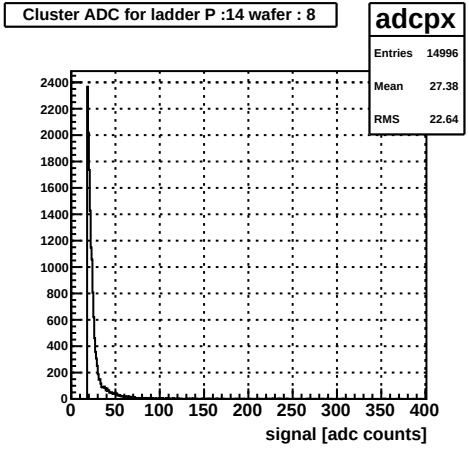

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2459
Mean 41.92
RMS 48.16
signal [adc counts]

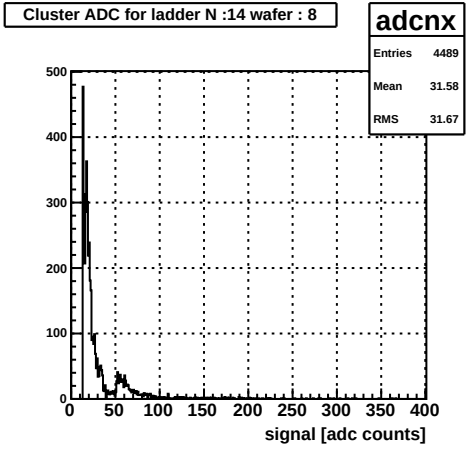

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2345
Mean 28.49
RMS 35.37
signal [adc counts]

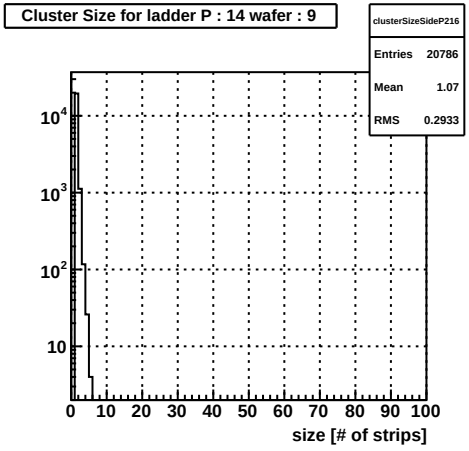

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 14996
Mean 1.061
RMS 0.2825
size [# of strips]

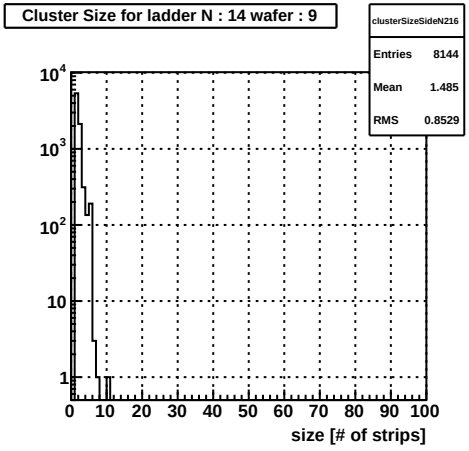

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 4489
Mean 1.373
RMS 0.7439
size [# of strips]

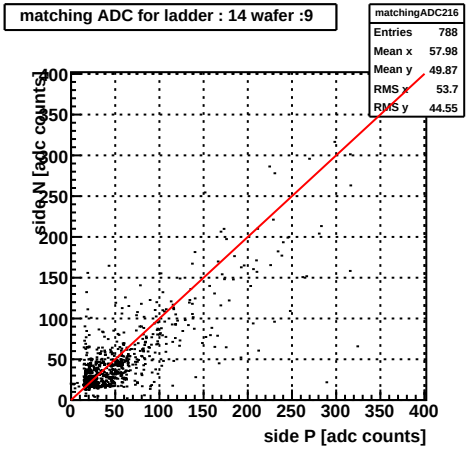

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 731
Mean x 57.74
Mean y 60.3
RMS x 56.13
RMS y 53.77
side N [adc counts]
side P [adc counts]

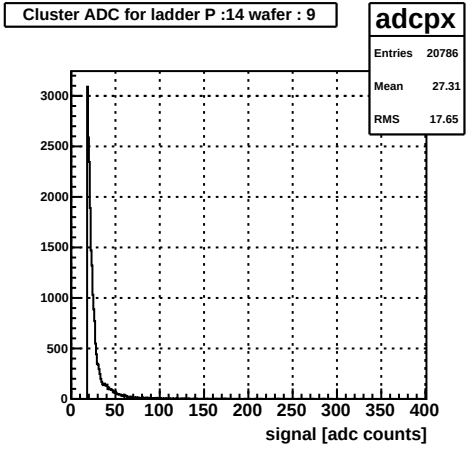

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 14996
Mean 27.38
RMS 22.64
signal [adc counts]

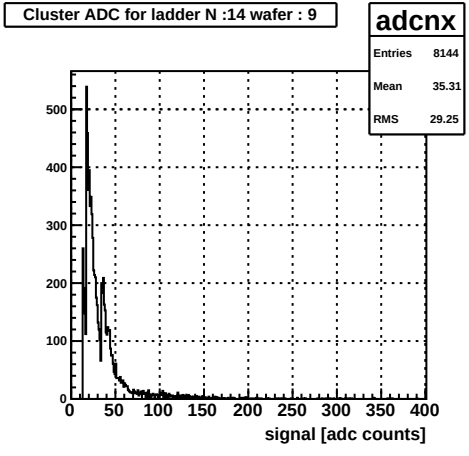

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 4489
Mean 31.58
RMS 31.67
signal [adc counts]

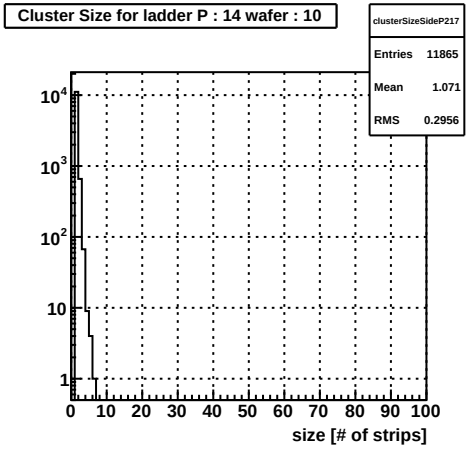

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 20786
Mean 1.07
RMS 0.2933
size [# of strips]

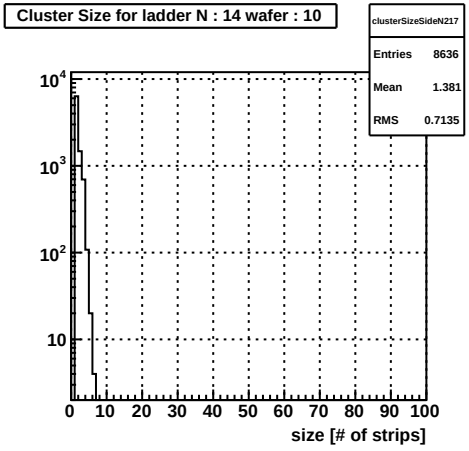

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 8144
Mean 1.485
RMS 0.8529
size [# of strips]

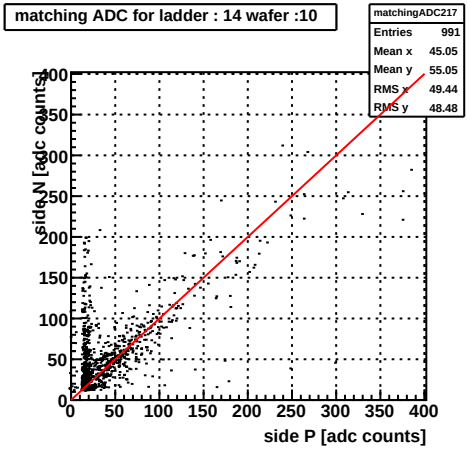

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 788
Mean x 57.98
Mean y 49.87
RMS x 53.7
RMS y 44.55
side N [adc counts]
side P [adc counts]

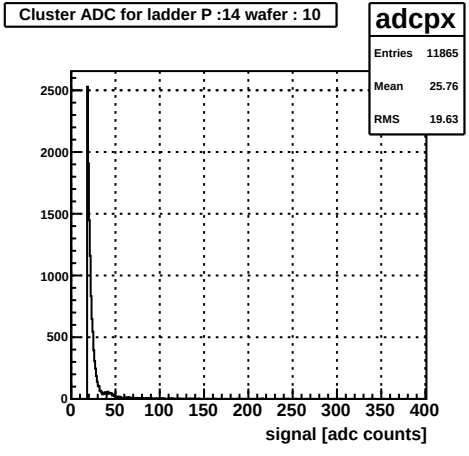

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 20786
Mean 27.31
RMS 17.65
signal [adc counts]

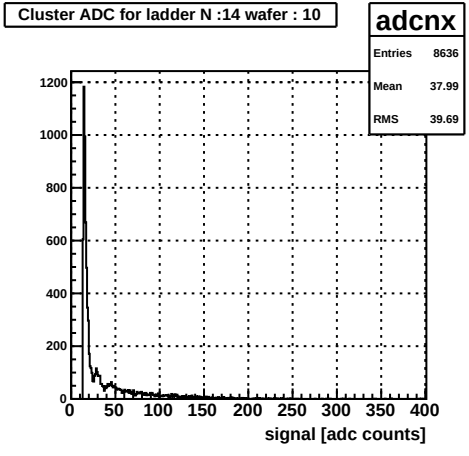

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 8144
Mean 35.31
RMS 29.25
signal [adc counts]

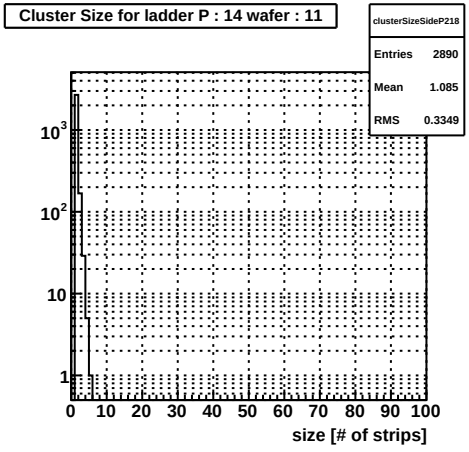

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 11865
Mean 1.071
RMS 0.2956
size [# of strips]

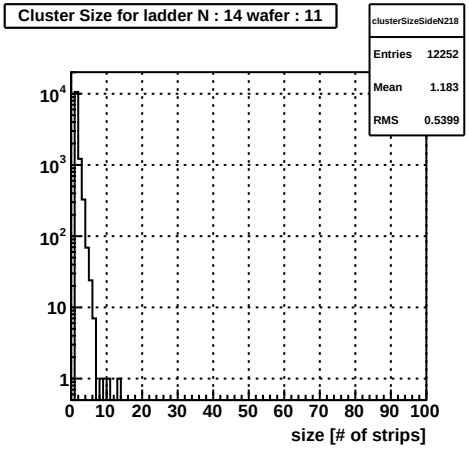

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8636
Mean 1.381
RMS 0.7135
size [# of strips]

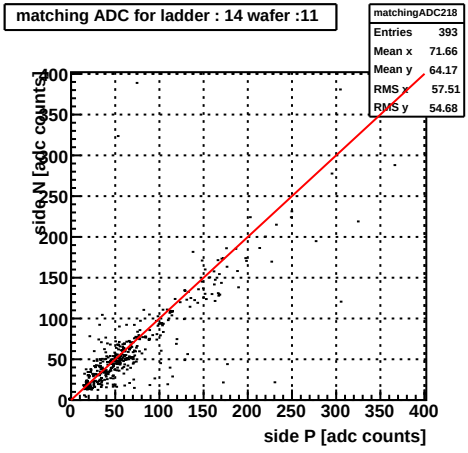

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 991
Mean x 45.05
Mean y 55.05
RMS x 49.44
RMS y 48.48
side N [adc counts]
side P [adc counts]

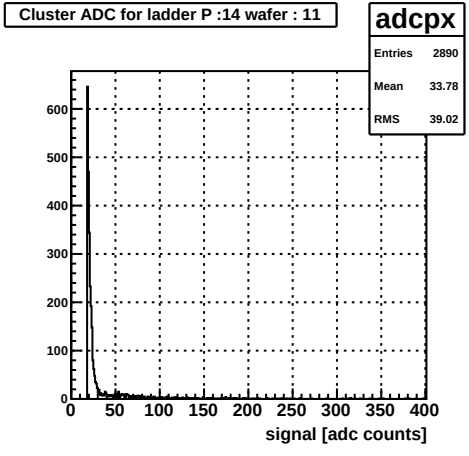

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 11865
Mean 25.76
RMS 19.63
signal [adc counts]

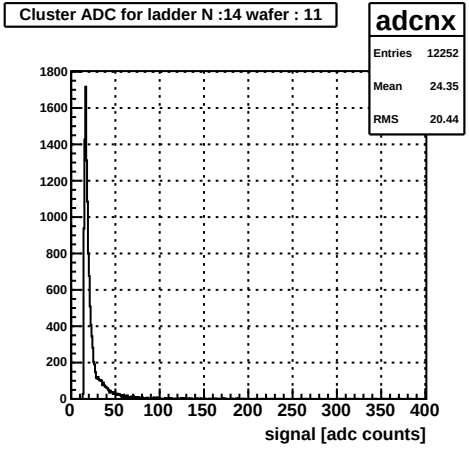

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8636
Mean 37.99
RMS 39.69
signal [adc counts]

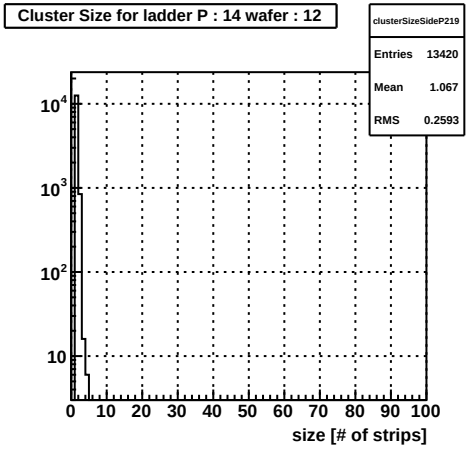

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2890
Mean 1.085
RMS 0.3349
size [# of strips]

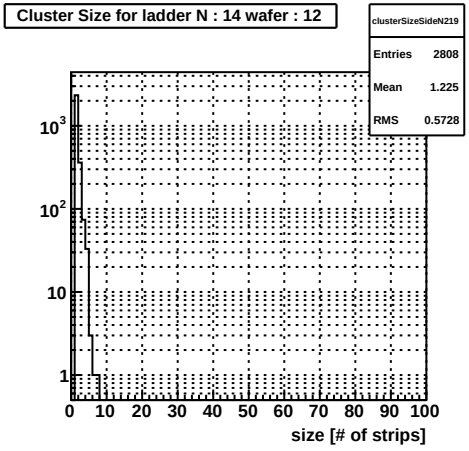

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 12252
Mean 1.183
RMS 0.5399
size [# of strips]

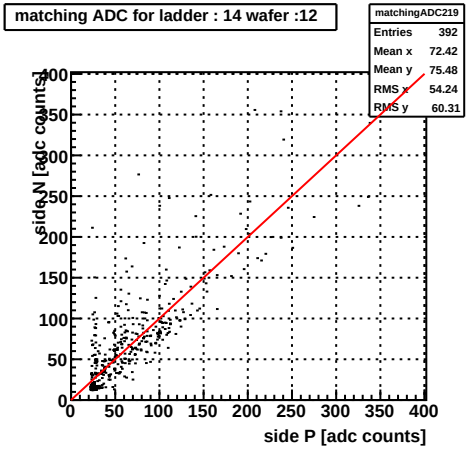

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 393
Mean x 71.66
Mean y 64.17
RMS x 57.51
RMS y 54.68
side N [adc counts]
side P [adc counts]

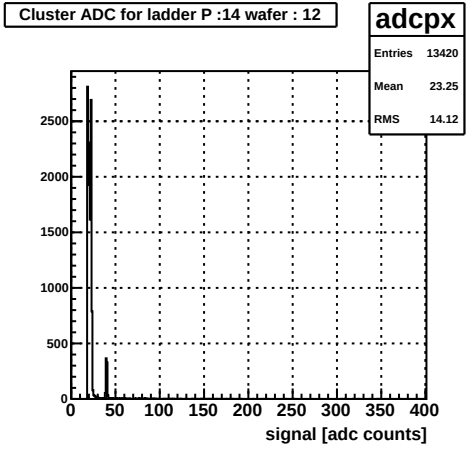

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2890
Mean 33.78
RMS 39.02
signal [adc counts]

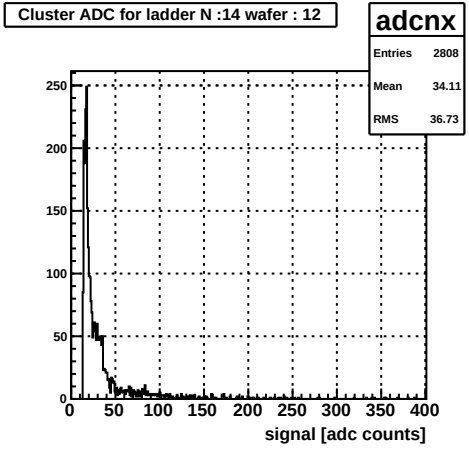

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 12252
Mean 24.35
RMS 20.44
signal [adc counts]

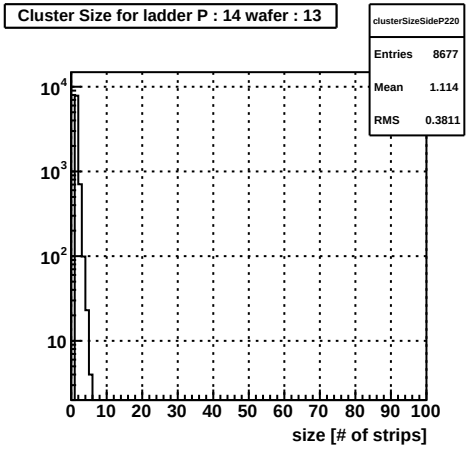

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 13420
Mean 1.067
RMS 0.2593
size [# of strips]

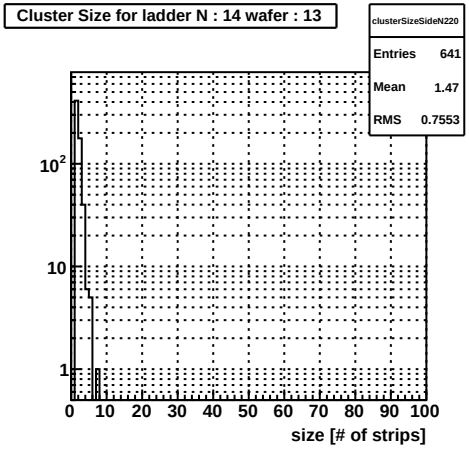

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2808
Mean 1.225
RMS 0.5728
size [# of strips]

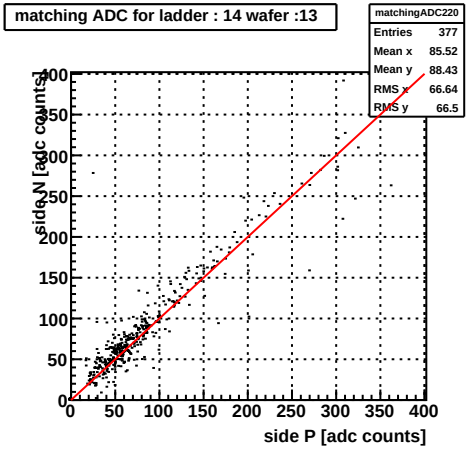

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 392
Mean x 72.42
Mean y 75.48
RMS x 54.24
RMS y 60.31
side N [adc counts]
side P [adc counts]

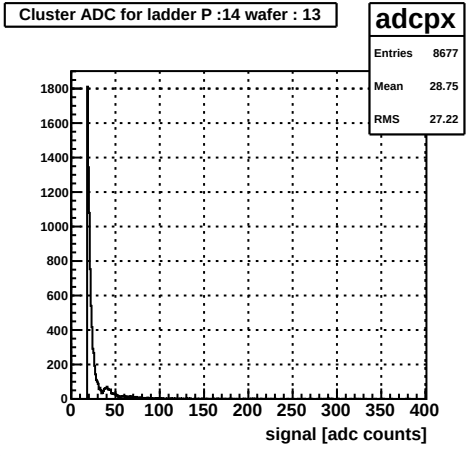

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 13420
Mean 23.25
RMS 14.12
signal [adc counts]

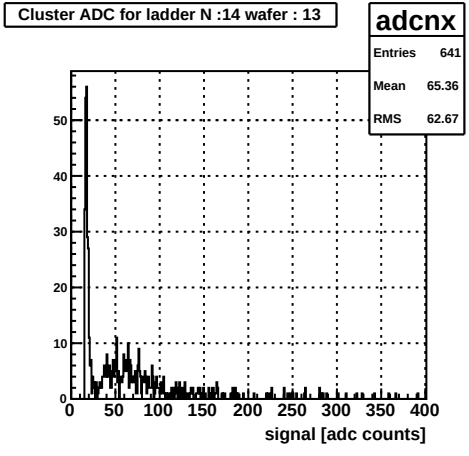

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2808
Mean 34.11
RMS 36.73
signal [adc counts]

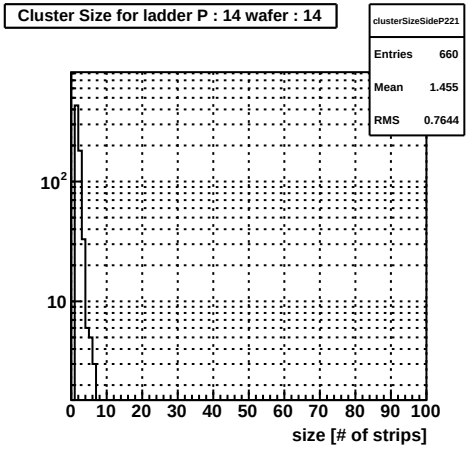

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8677
Mean 1.114
RMS 0.3811
size [# of strips]

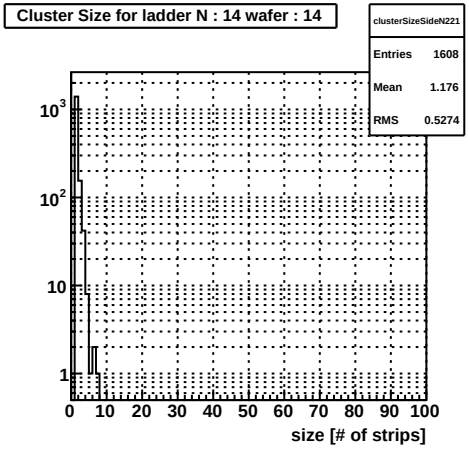

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 641
Mean 1.47
RMS 0.7553
size [# of strips]

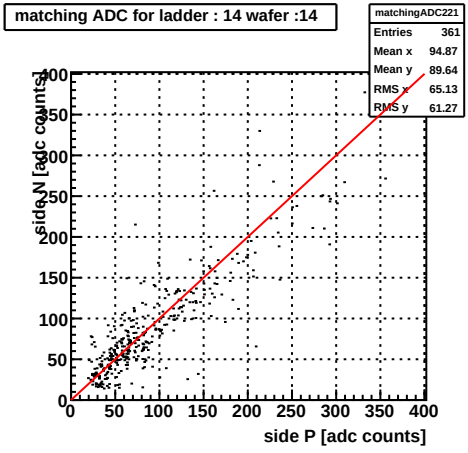

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 377
Mean x 85.52
Mean y 88.43
RMS x 66.64
RMS y 66.5
side N [adc counts]
side P [adc counts]

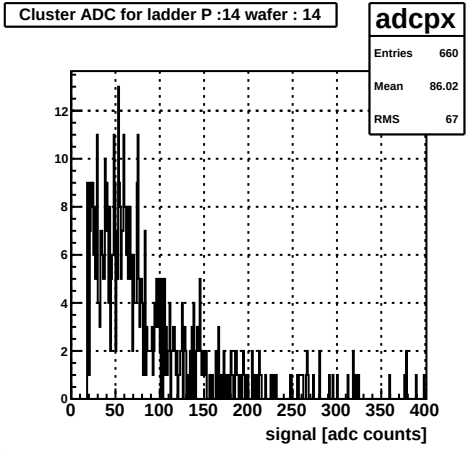

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8677
Mean 28.75
RMS 27.22
signal [adc counts]

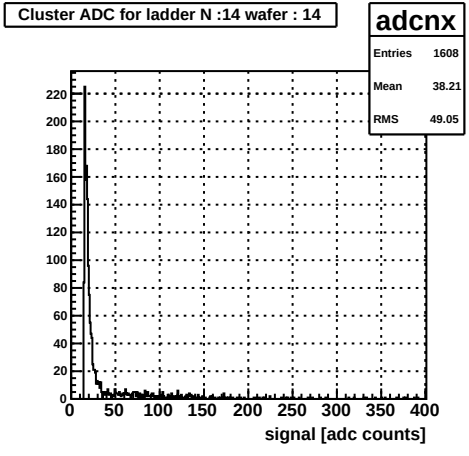

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 641
Mean 65.36
RMS 62.67
signal [adc counts]

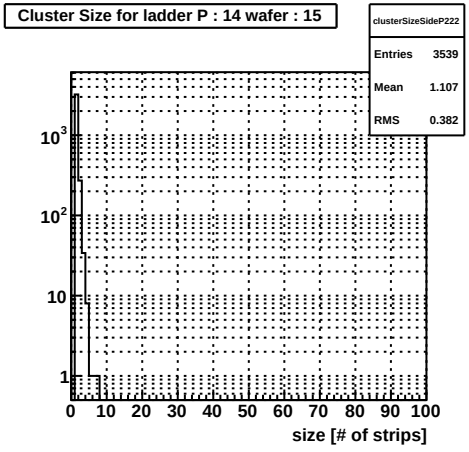

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 660
Mean 1.455
RMS 0.7644
size [# of strips]

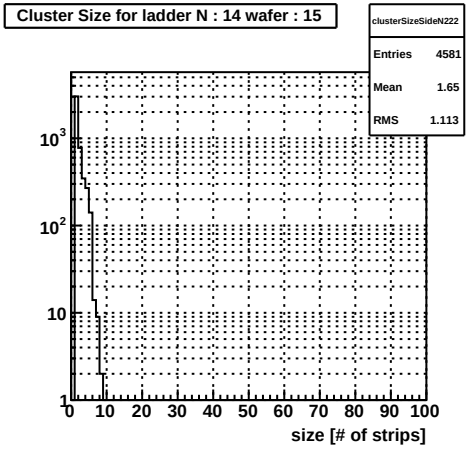

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1608
Mean 1.176
RMS 0.5274
size [# of strips]

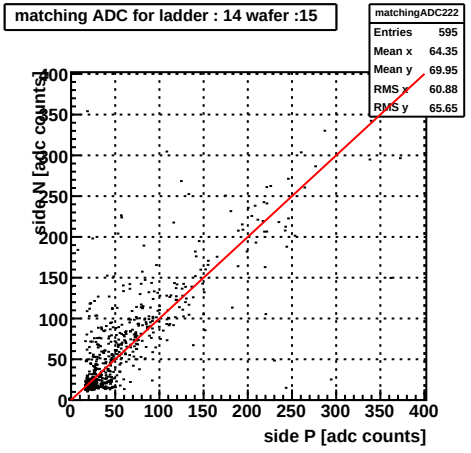

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 361
Mean x 94.87
Mean y 89.64
RMS x 65.13
RMS y 61.27
side N [adc counts]
side P [adc counts]

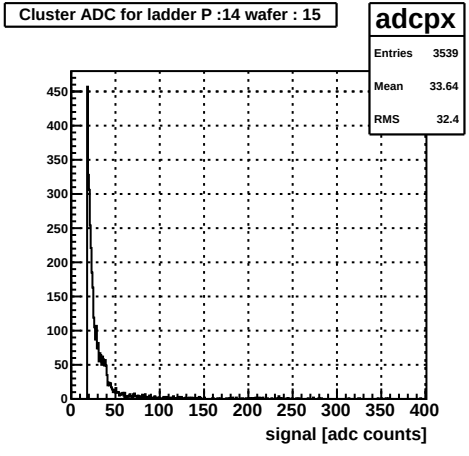

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 660
Mean 86.02
RMS 67
signal [adc counts]

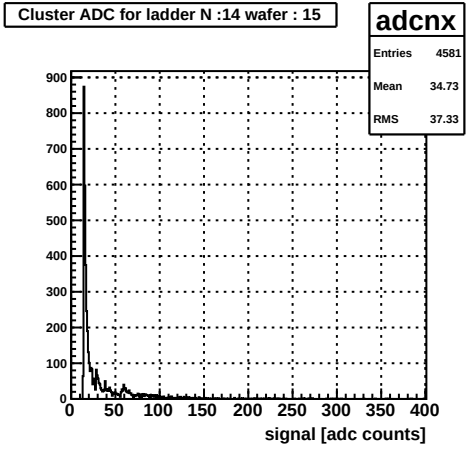

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1608
Mean 38.21
RMS 49.05
signal [adc counts]

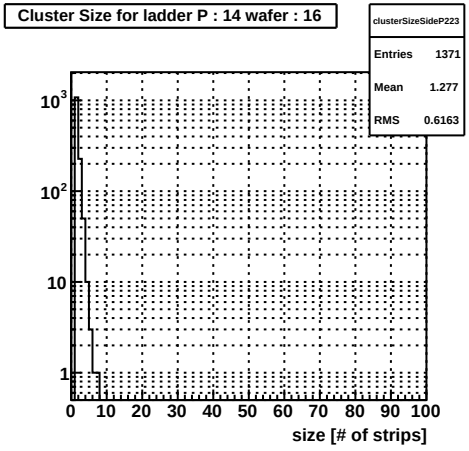

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3539
Mean 1.107
RMS 0.382
size [# of strips]

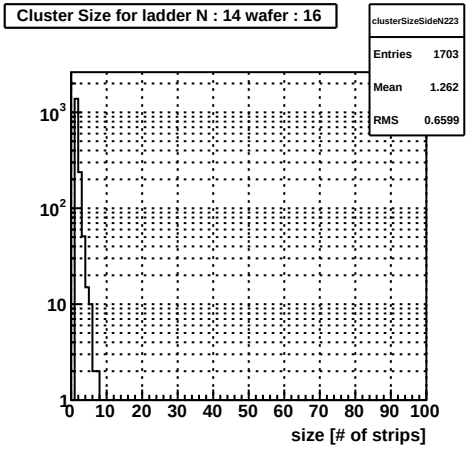

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4581
Mean 1.65
RMS 1.113
size [# of strips]

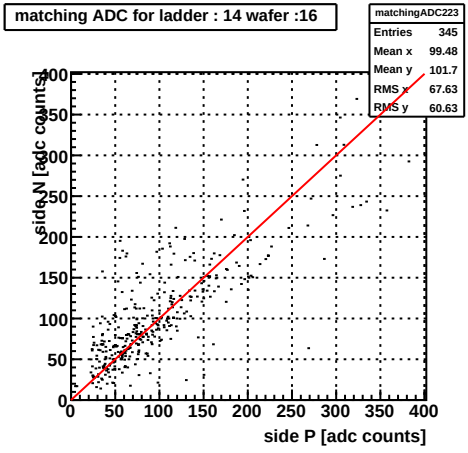

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 595
Mean x 64.35
Mean y 69.95
RMS x 60.88
RMS y 65.65
side N [adc counts]
side P [adc counts]

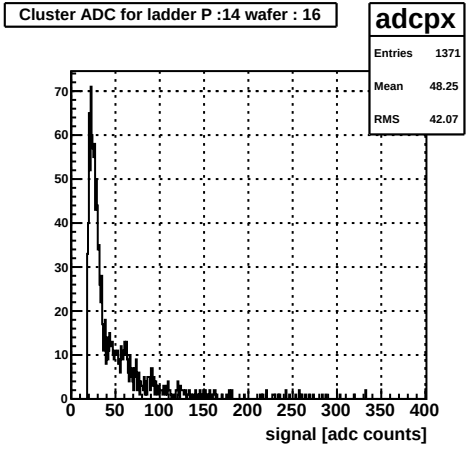

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3539
Mean 33.64
RMS 32.4
signal [adc counts]

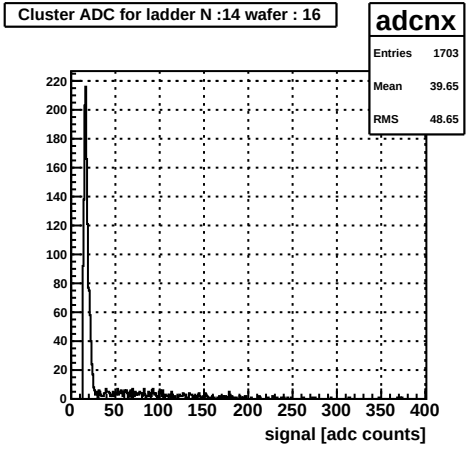

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4581
Mean 34.73
RMS 37.33
signal [adc counts]

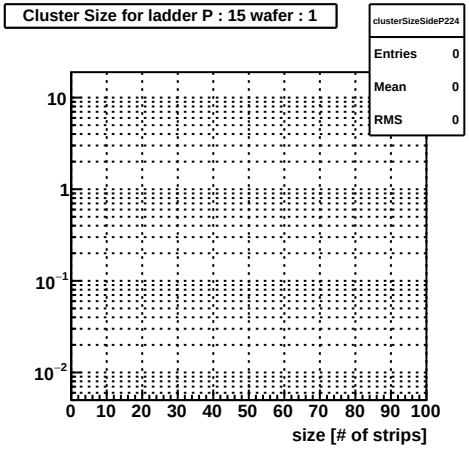

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1371
Mean 1.277
RMS 0.6163
size [# of strips]

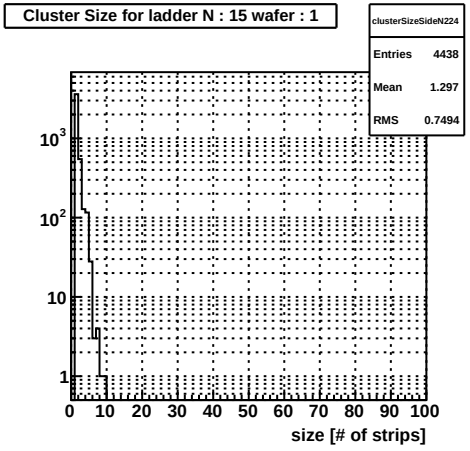

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1703
Mean 1.262
RMS 0.6599
size [# of strips]

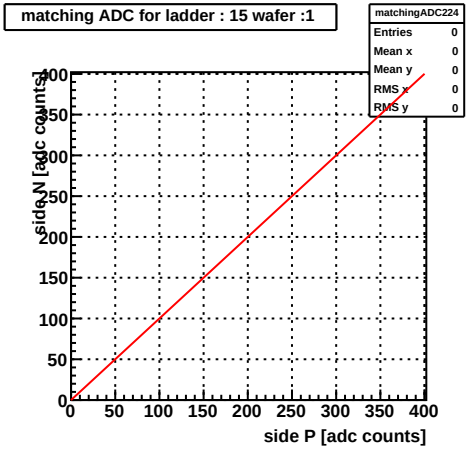

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 345
Mean x 99.48
Mean y 101.7
RMS x 67.63
RMS y 60.63
side N [adc counts]
side P [adc counts]

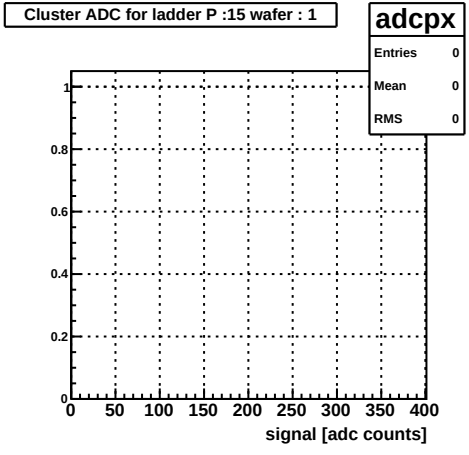

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1371
Mean 48.25
RMS 42.07
signal [adc counts]

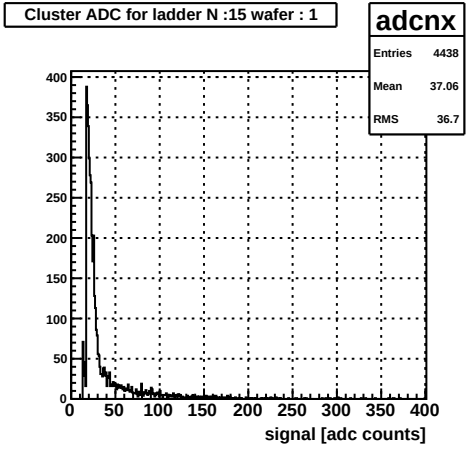

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1703
Mean 39.65
RMS 48.65
signal [adc counts]

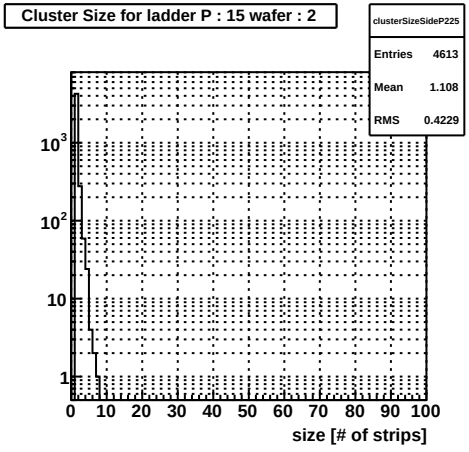

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

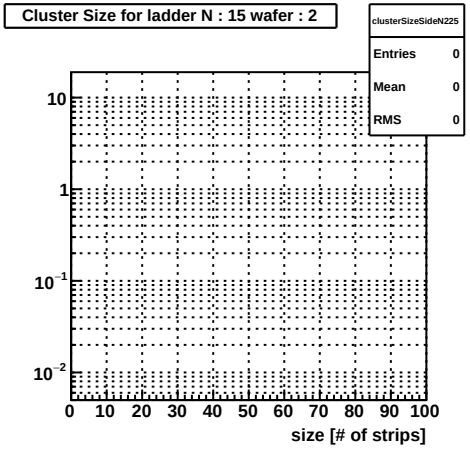

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 4438
Mean 1.297
RMS 0.7494
size [# of strips]

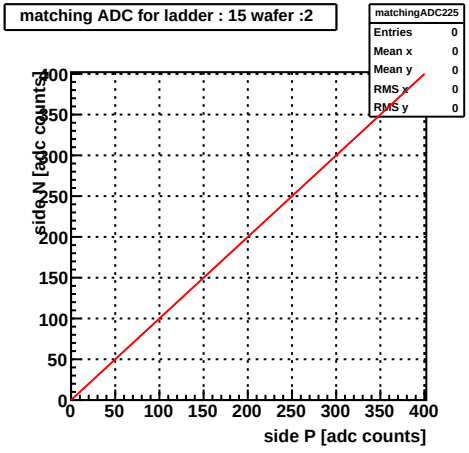

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

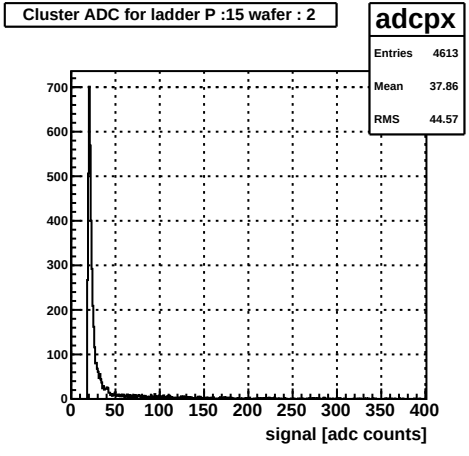

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

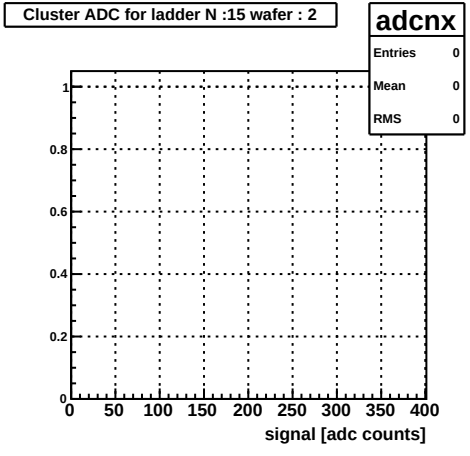

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 4438
Mean 37.06
RMS 36.7
signal [adc counts]

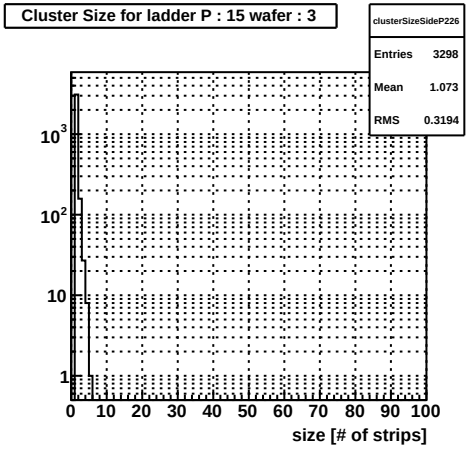

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 4613
Mean 1.108
RMS 0.4229
size [# of strips]

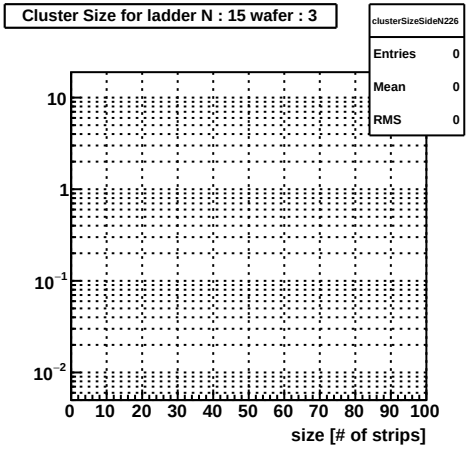

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

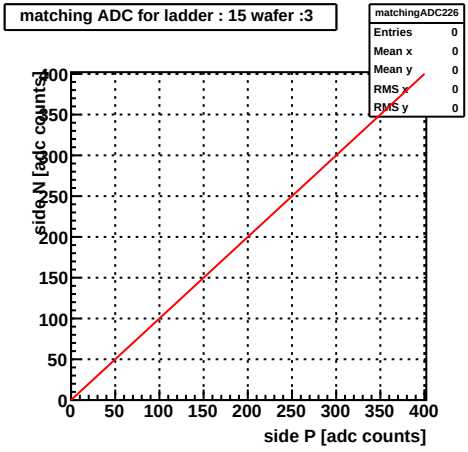

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

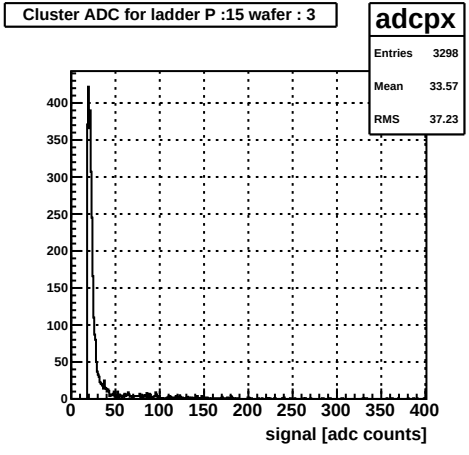

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 4613
Mean 37.86
RMS 44.57
signal [adc counts]

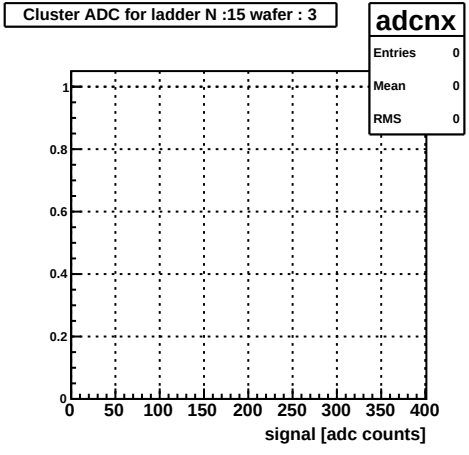

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

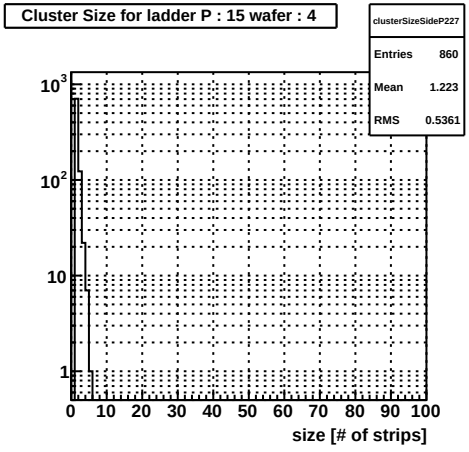

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3298
Mean 1.073
RMS 0.3194
size [# of strips]

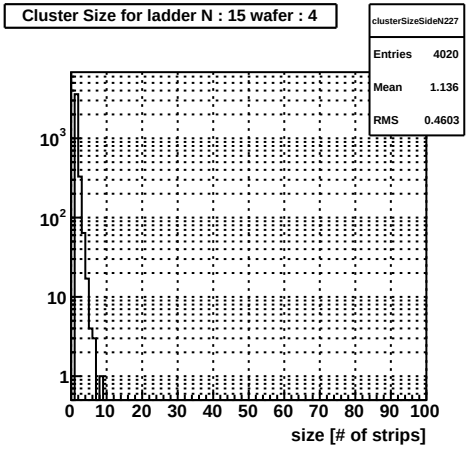

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

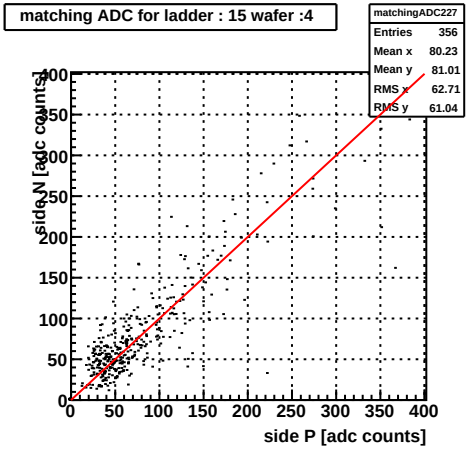

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

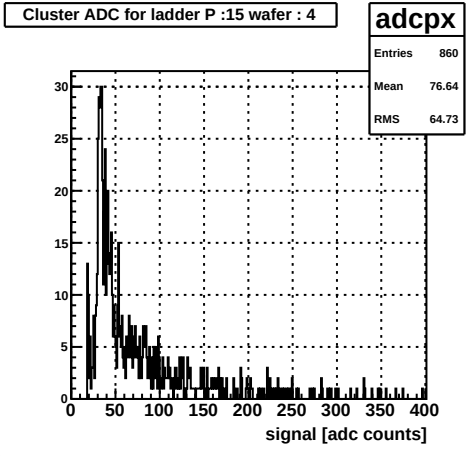

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3298
Mean 33.57
RMS 37.23
signal [adc counts]

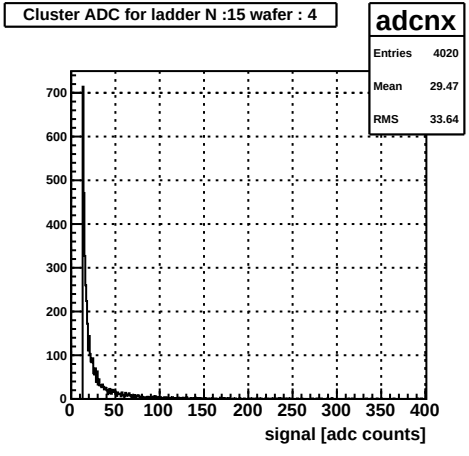

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

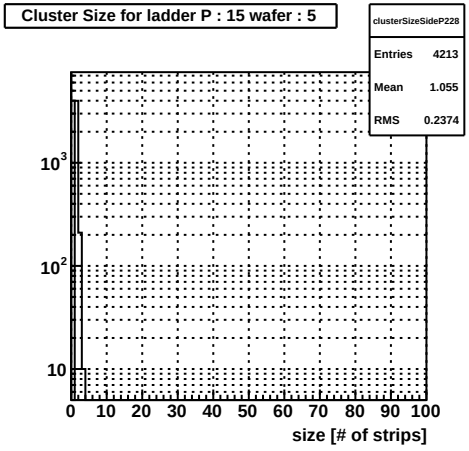

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 860
Mean 1.223
RMS 0.5361
size [# of strips]

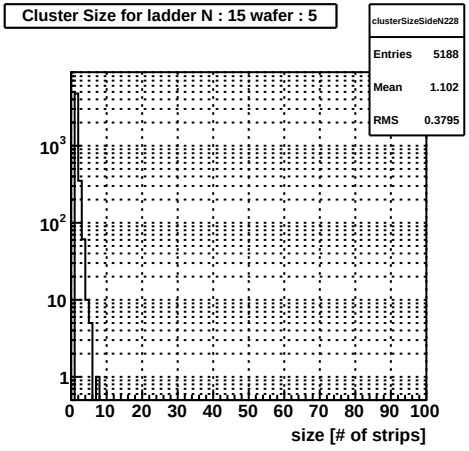

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 4020
Mean 1.136
RMS 0.4603
size [# of strips]

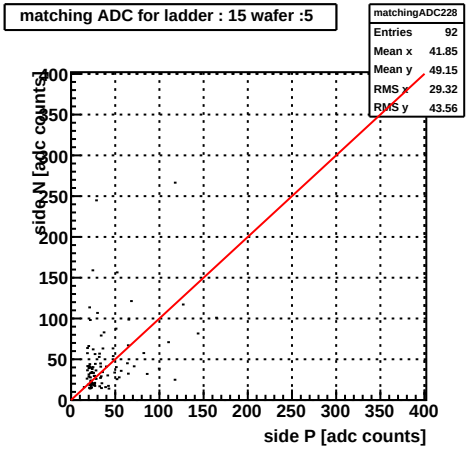

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 356
Mean x 80.23
Mean y 81.01
RMS x 62.71
RMS y 61.04
side N [adc counts]
side P [adc counts]

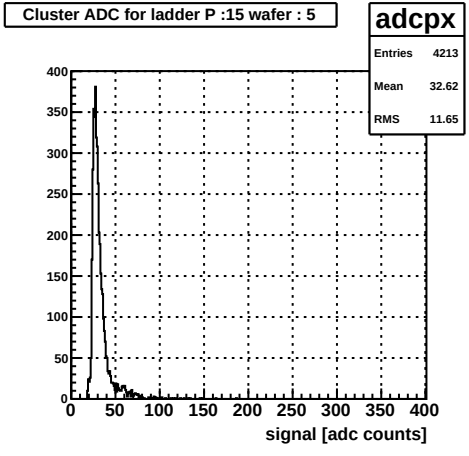

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 860
Mean 76.64
RMS 64.73
signal [adc counts]

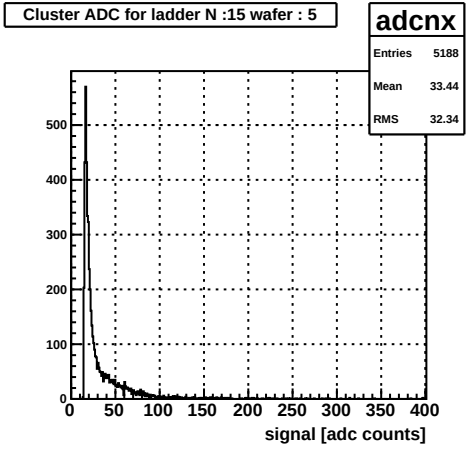

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 4020
Mean 29.47
RMS 33.64
signal [adc counts]

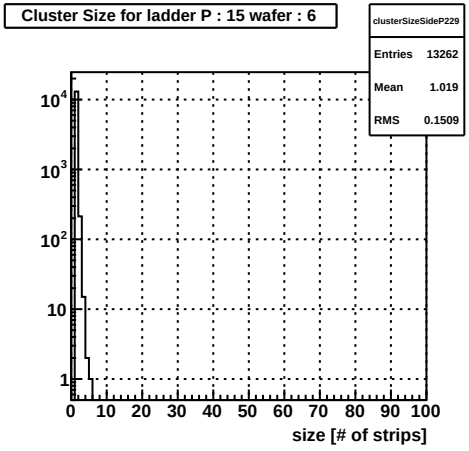

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 4213
Mean 1.055
RMS 0.2374
size [# of strips]

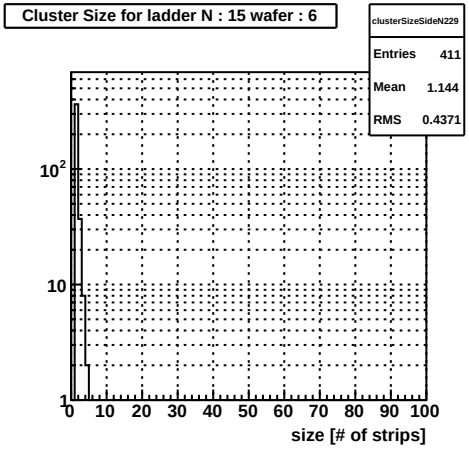

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5188
Mean 1.102
RMS 0.3795
size [# of strips]

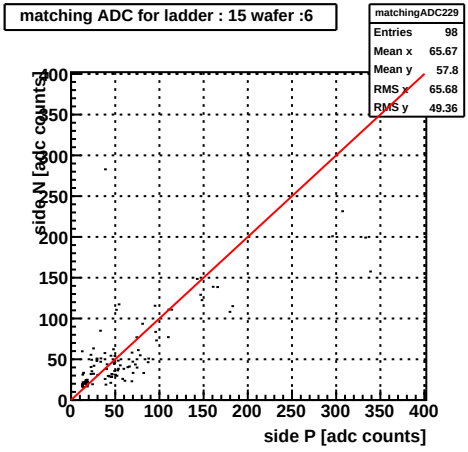

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 92
Mean x 41.85
Mean y 49.15
RMS x 29.32
RMS y 43.56
side N [adc counts]
side P [adc counts]

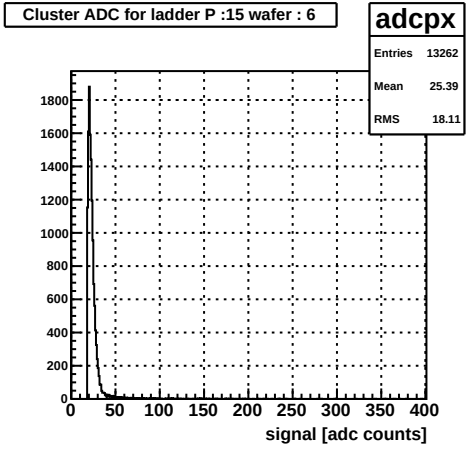

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 4213
Mean 32.62
RMS 11.65
signal [adc counts]

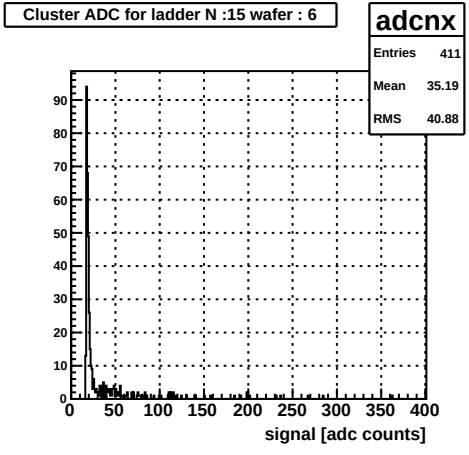

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5188
Mean 33.44
RMS 32.34
signal [adc counts]

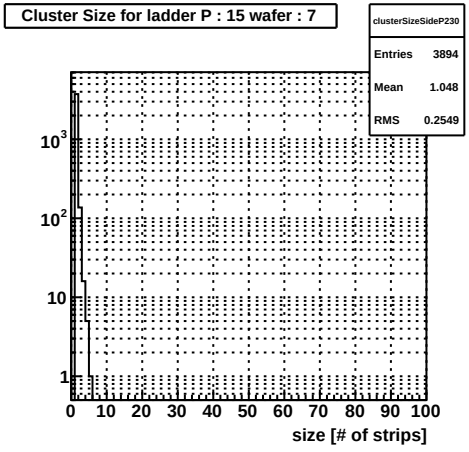

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 13262
Mean 1.019
RMS 0.1509
size [# of strips]

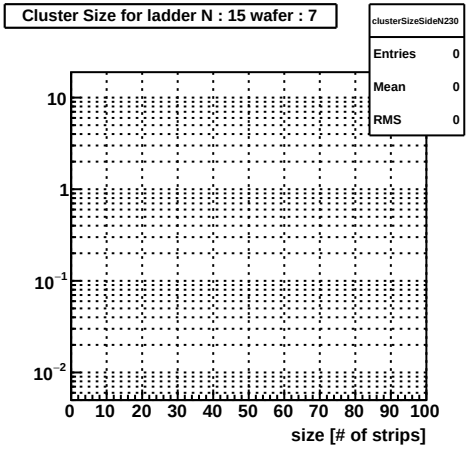

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 411
Mean 1.144
RMS 0.4371
size [# of strips]

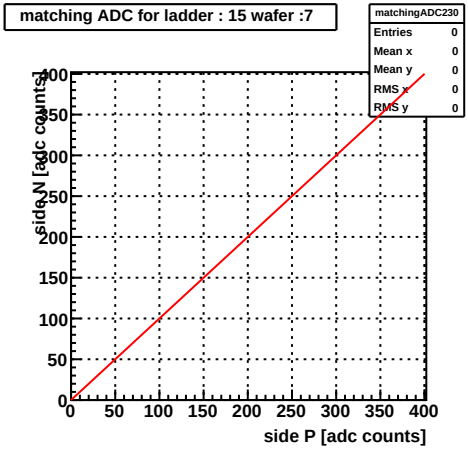

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 98
Mean x 65.67
Mean y 57.8
RMS x 65.68
RMS y 49.36
side N [adc counts]
side P [adc counts]

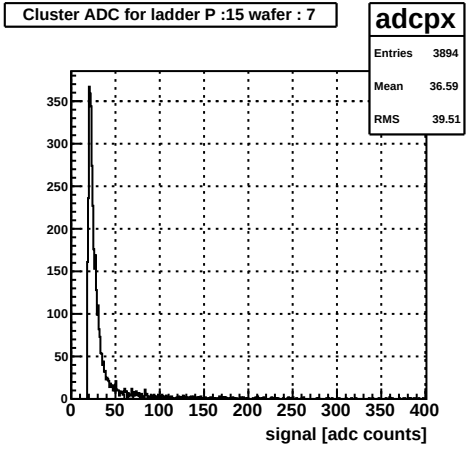

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 13262
Mean 25.39
RMS 18.11
signal [adc counts]

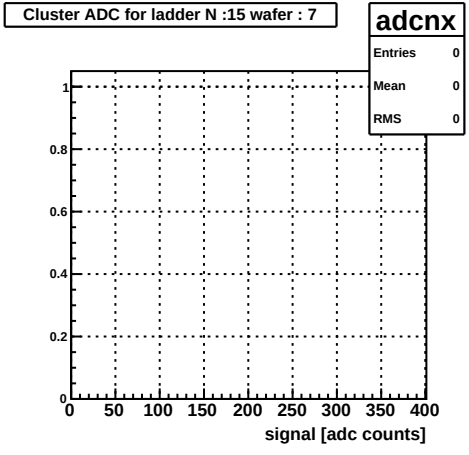

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 411
Mean 35.19
RMS 40.88
signal [adc counts]

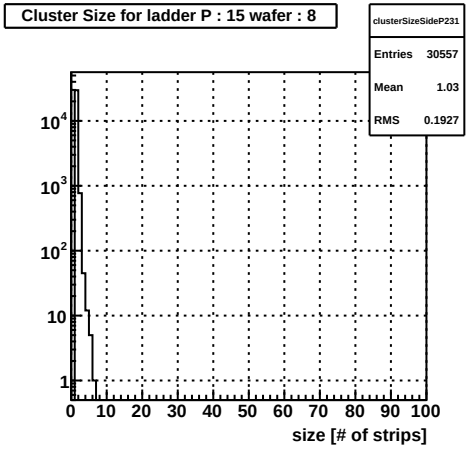

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3894
Mean 1.048
RMS 0.2549
size [# of strips]

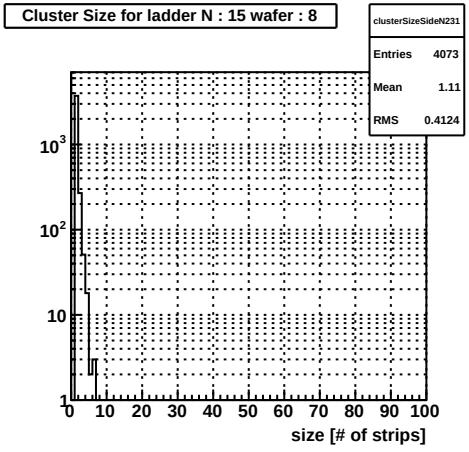

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

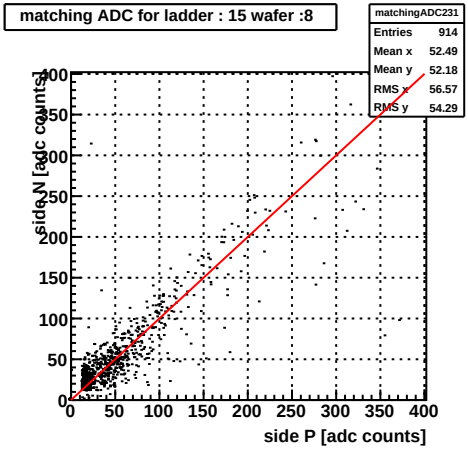

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

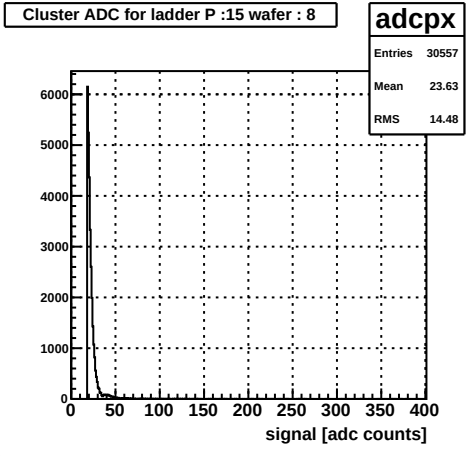

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3894
Mean 36.59
RMS 39.51
signal [adc counts]

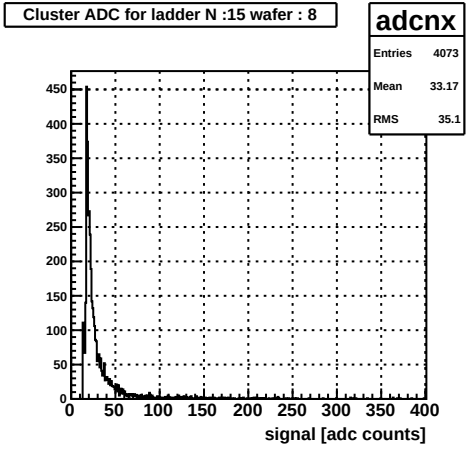

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

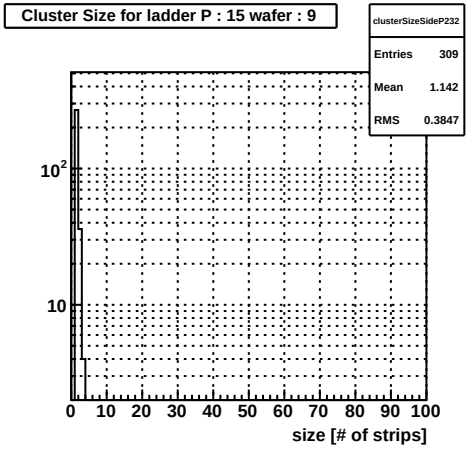

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 30557
Mean 1.03
RMS 0.1927
size [# of strips]

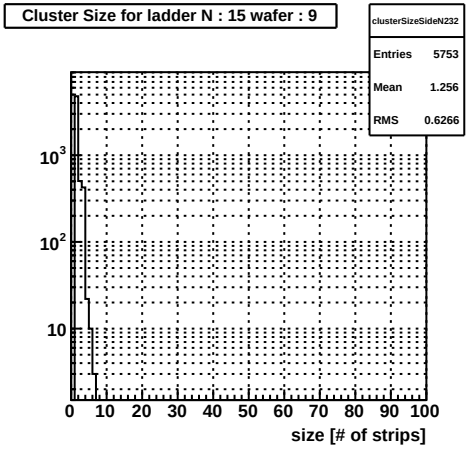

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4073
Mean 1.11
RMS 0.4124
size [# of strips]

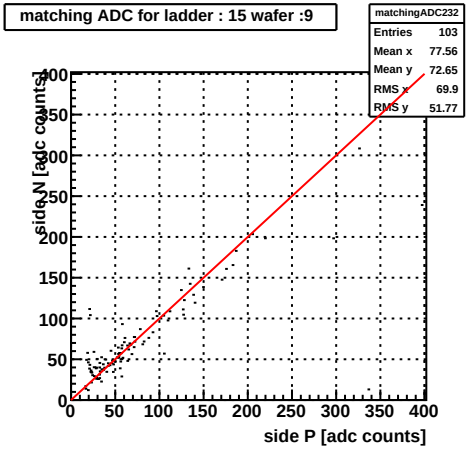

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 914
Mean x 52.49
Mean y 52.18
RMS x 56.57
RMS y 54.29
side N [adc counts]
side P [adc counts]

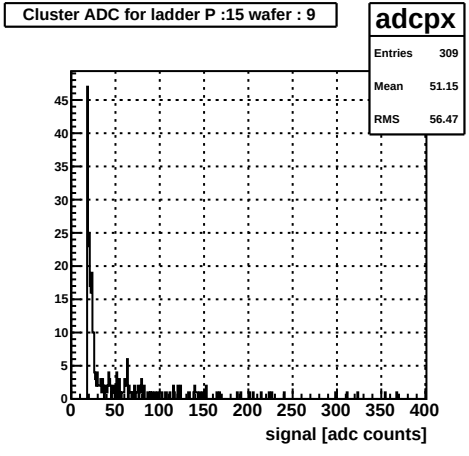

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 30557
Mean 23.63
RMS 14.48
signal [adc counts]

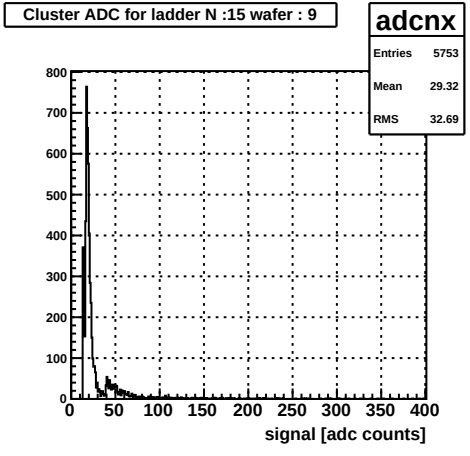

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4073
Mean 33.17
RMS 35.1
signal [adc counts]

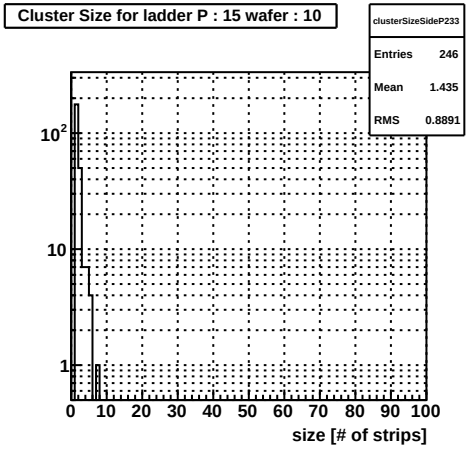

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 309
Mean 1.142
RMS 0.3847
size [# of strips]

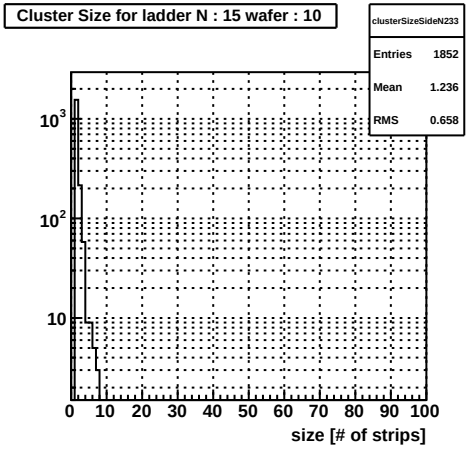

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5753
Mean 1.256
RMS 0.6266
size [# of strips]

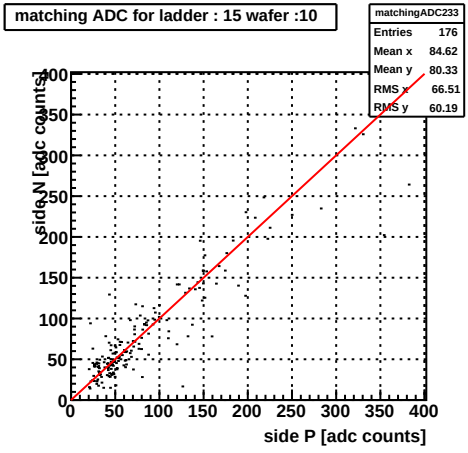

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 103
Mean x 77.56
Mean y 72.65
RMS x 69.9
RMS y 51.77
side N [adc counts]
side P [adc counts]

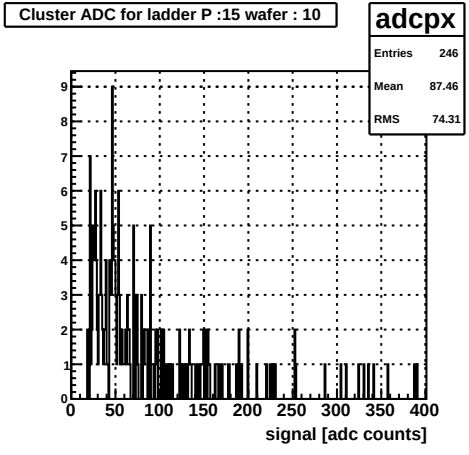

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 309
Mean 51.15
RMS 56.47
signal [adc counts]

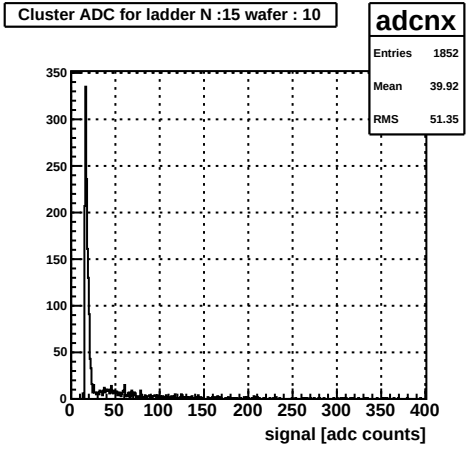

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5753
Mean 29.32
RMS 32.69
signal [adc counts]

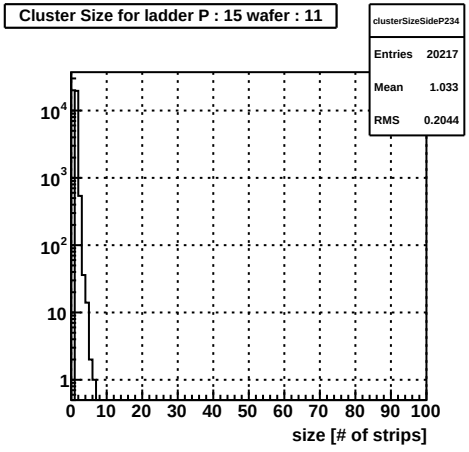

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 246
Mean 1.435
RMS 0.8891
size [# of strips]

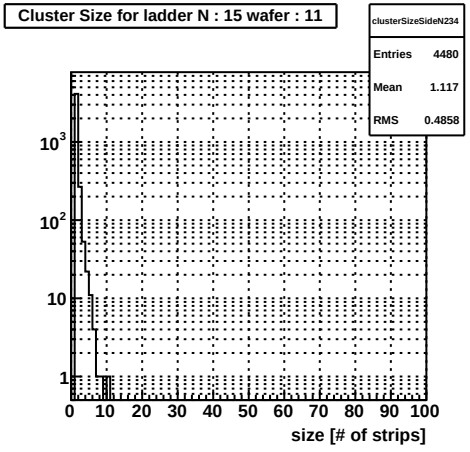

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1852
Mean 1.236
RMS 0.658
size [# of strips]

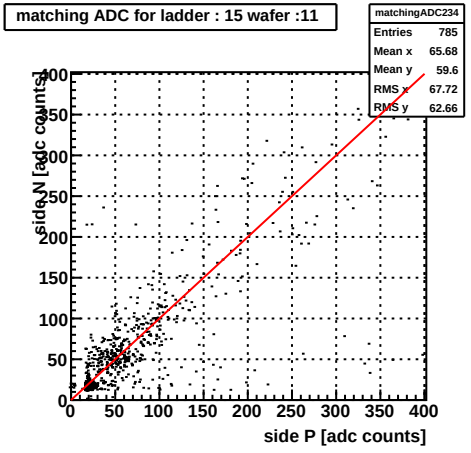

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 176
Mean x 84.62
Mean y 80.33
RMS x 66.51
RMS y 60.19
side N [adc counts]
side P [adc counts]

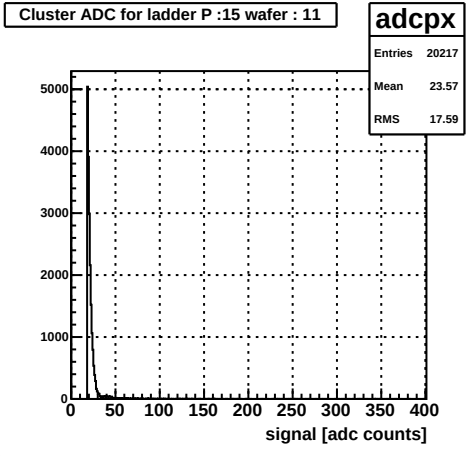

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 246
Mean 87.46
RMS 74.31
signal [adc counts]

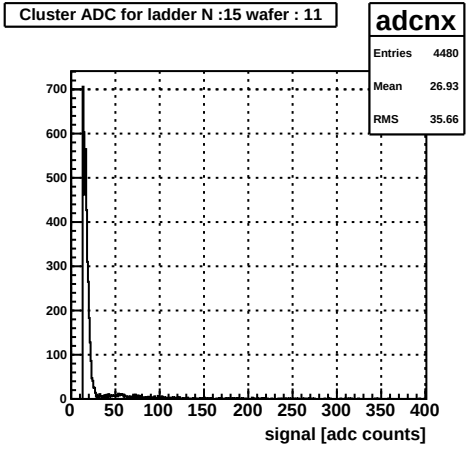

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1852
Mean 39.92
RMS 51.35
signal [adc counts]

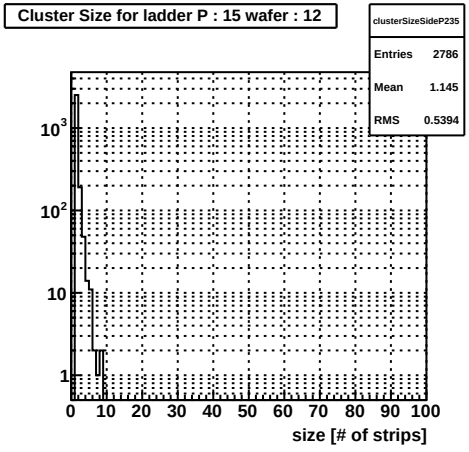

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 20217
Mean 1.033
RMS 0.2044
size [# of strips]

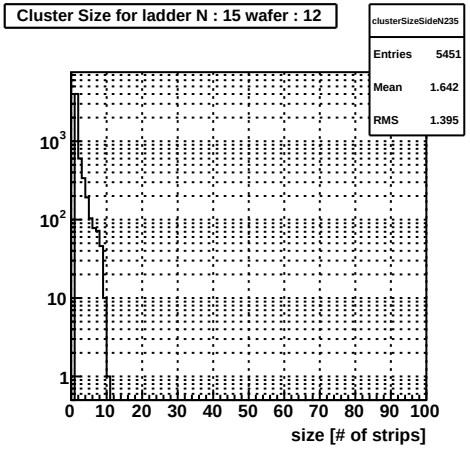

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4480
Mean 1.117
RMS 0.4858
size [# of strips]

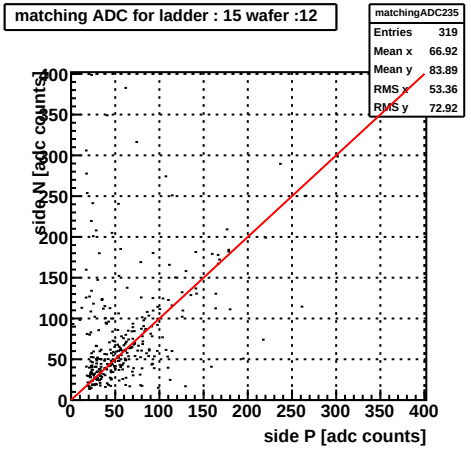

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 785
Mean x 65.68
Mean y 59.6
RMS x 67.72
RMS y 62.66
side N [adc counts]
side P [adc counts]

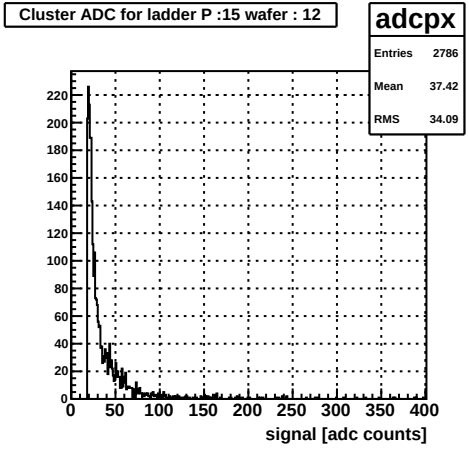

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 20217
Mean 23.57
RMS 17.59
signal [adc counts]

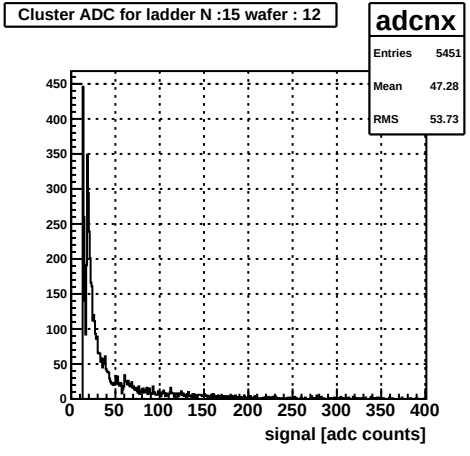

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4480
Mean 26.93
RMS 35.66
signal [adc counts]

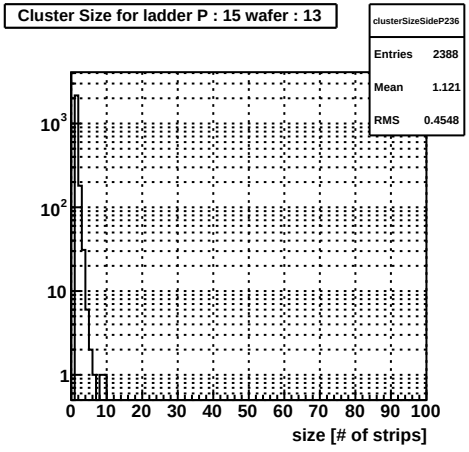

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2786
Mean 1.145
RMS 0.5394
size [# of strips]

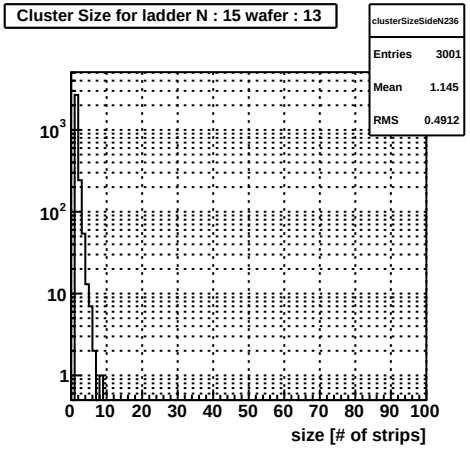

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5451
Mean 1.642
RMS 1.395
size [# of strips]

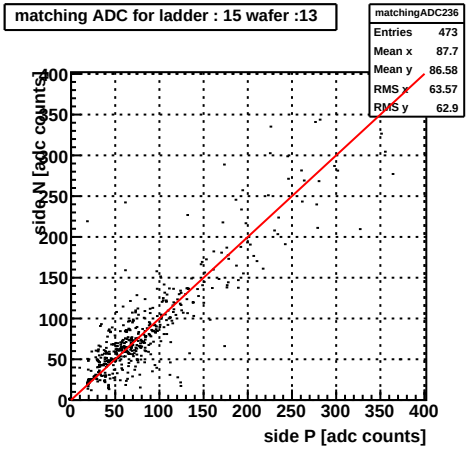

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 319
Mean x 66.92
Mean y 83.89
RMS x 53.36
RMS y 72.92
side N [adc counts]
side P [adc counts]

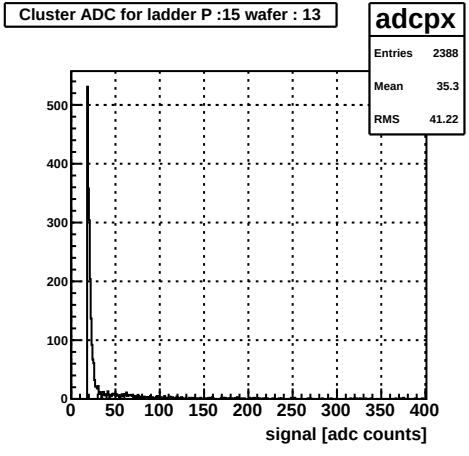

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2786
Mean 37.42
RMS 34.09
signal [adc counts]

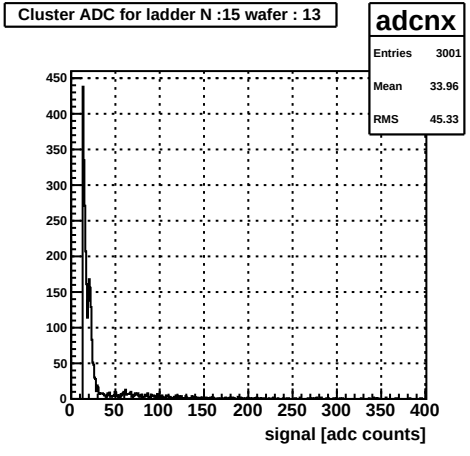

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5451
Mean 47.28
RMS 53.73
signal [adc counts]

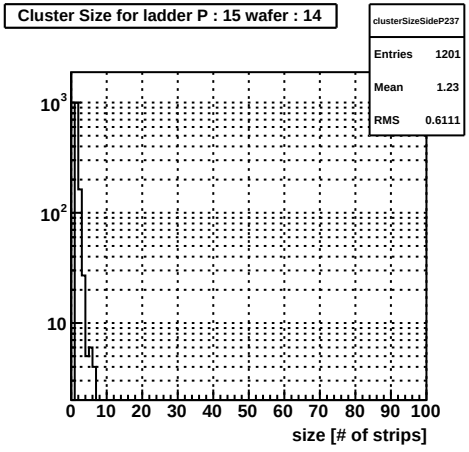

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2388
Mean 1.121
RMS 0.4548
size [# of strips]

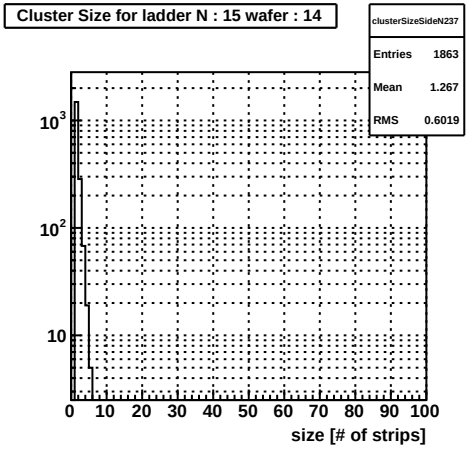

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3001
Mean 1.145
RMS 0.4912
size [# of strips]

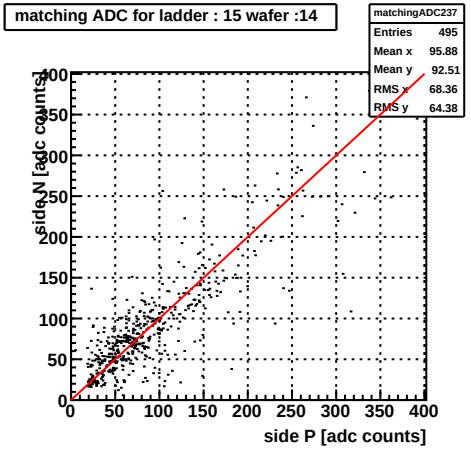

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 473
Mean x 87.7
Mean y 86.58
RMS x 63.57
RMS y 62.9
side N [adc counts]
side P [adc counts]

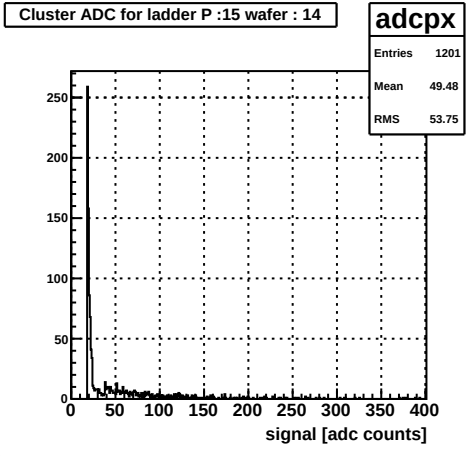

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2388
Mean 35.3
RMS 41.22
signal [adc counts]

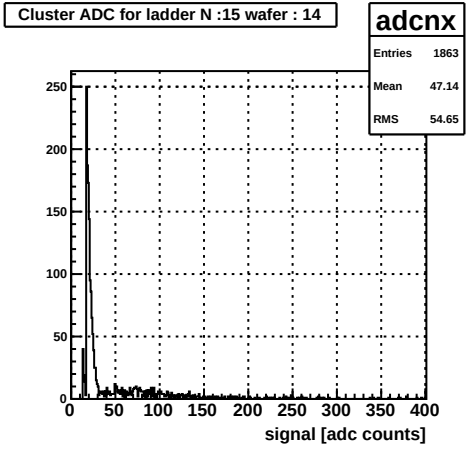

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3001
Mean 33.96
RMS 45.33
signal [adc counts]

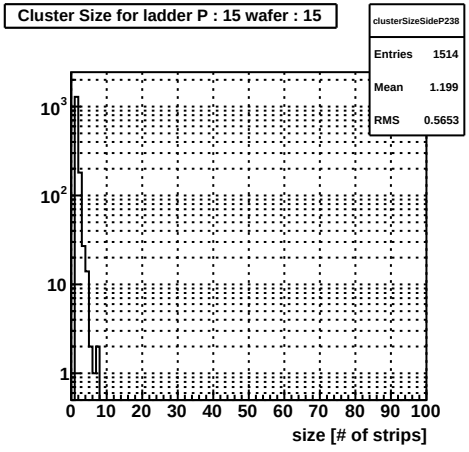

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1201
Mean 1.23
RMS 0.6111
size [# of strips]

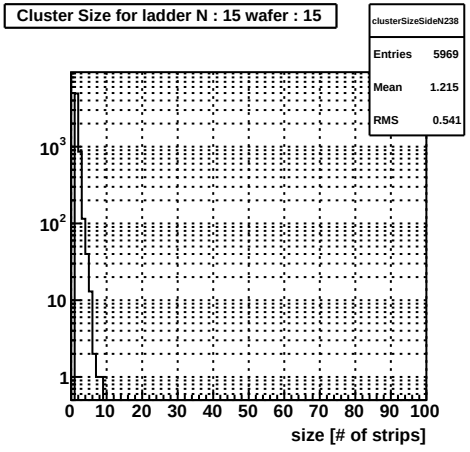

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1863
Mean 1.267
RMS 0.6019
size [# of strips]

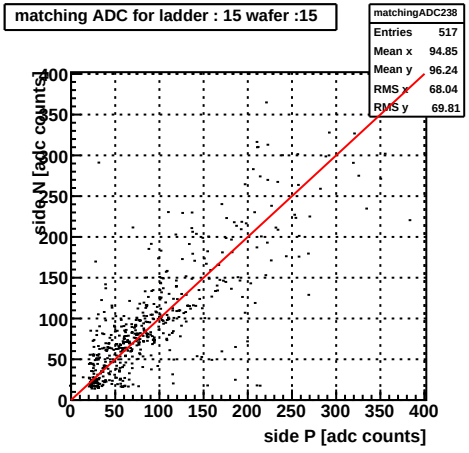

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 495
Mean x 95.88
Mean y 92.51
RMS x 68.36
RMS y 64.38
side N [adc counts]
side P [adc counts]

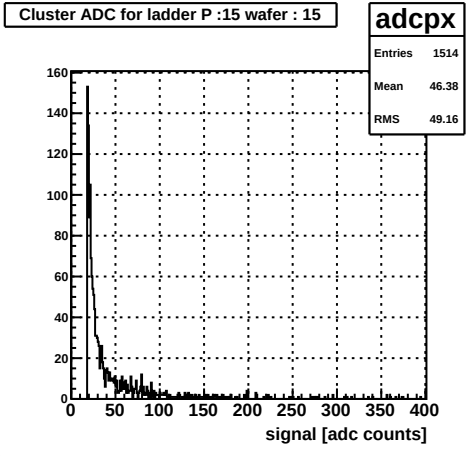

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1201
Mean 49.48
RMS 53.75
signal [adc counts]

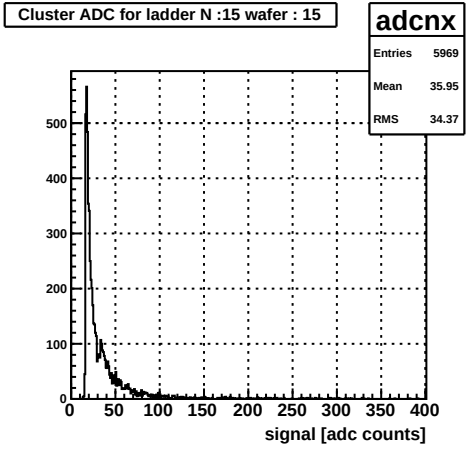

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1863
Mean 47.14
RMS 54.65
signal [adc counts]

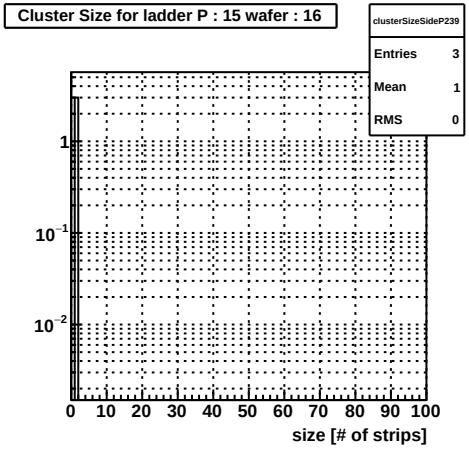

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1514
Mean 1.199
RMS 0.5653
size [# of strips]

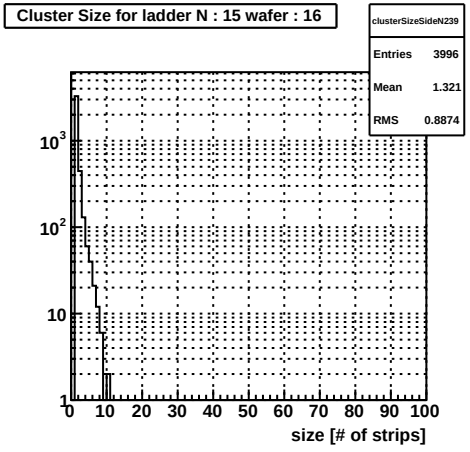

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5969
Mean 1.215
RMS 0.541
size [# of strips]

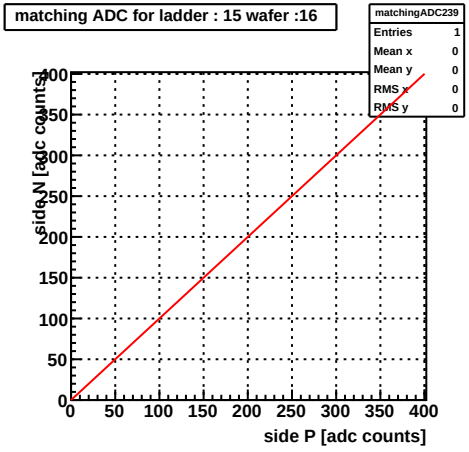

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 517
Mean x 94.85
Mean y 96.24
RMS x 68.04
RMS y 69.81
side N [adc counts]
side P [adc counts]

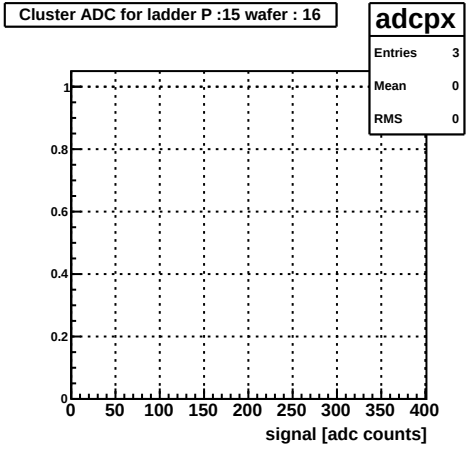

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1514
Mean 46.38
RMS 49.16
signal [adc counts]

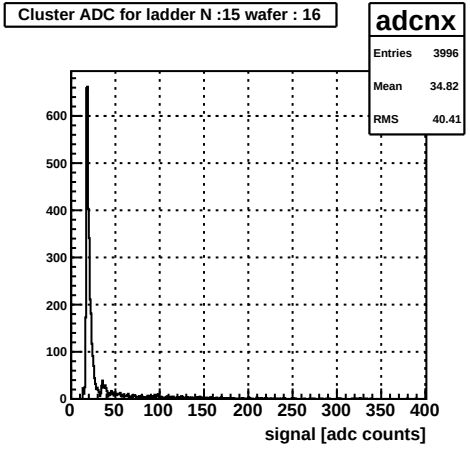

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5969
Mean 35.95
RMS 34.37
signal [adc counts]

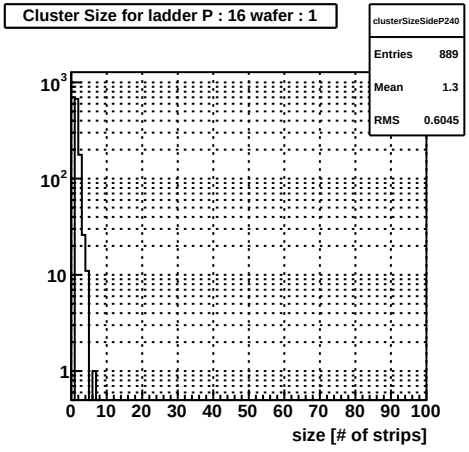

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

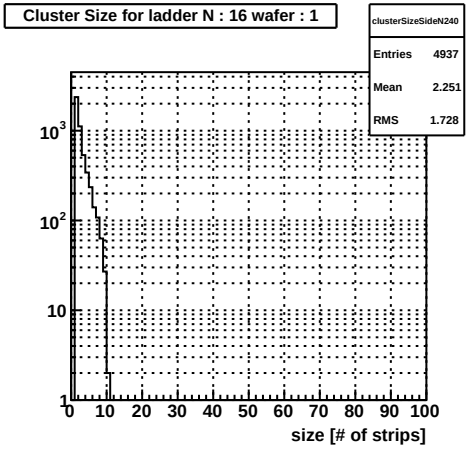

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3996
Mean 1.321
RMS 0.8874
size [# of strips]

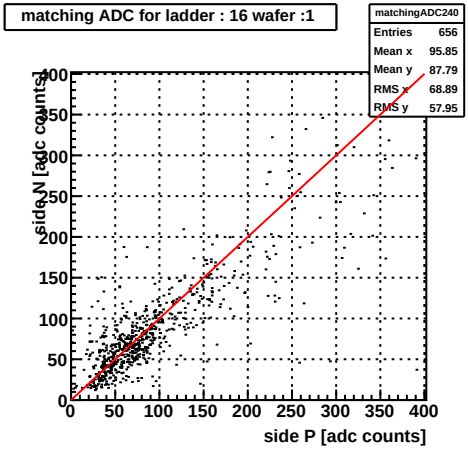

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

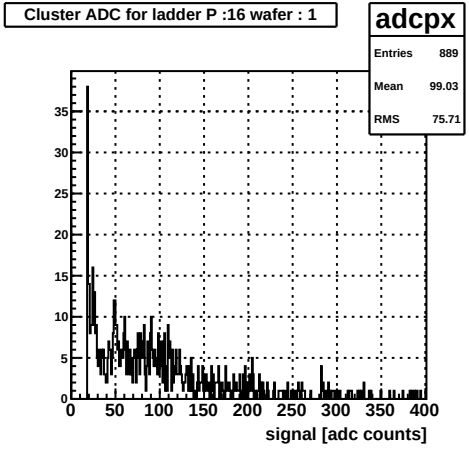

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

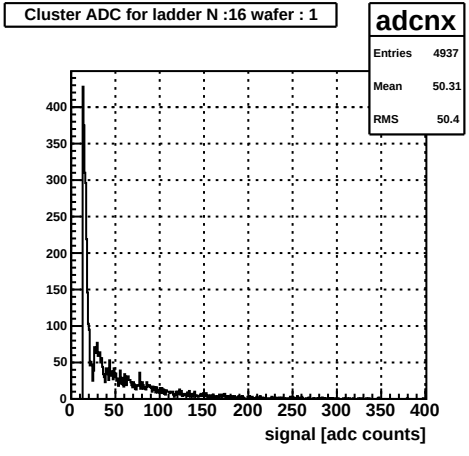

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3996
Mean 34.82
RMS 40.41
signal [adc counts]

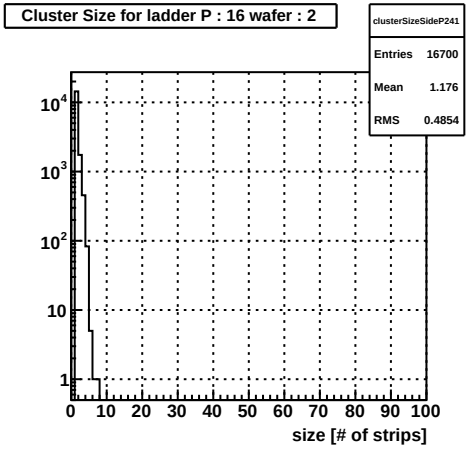

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 889
Mean 1.3
RMS 0.6045
size [# of strips]

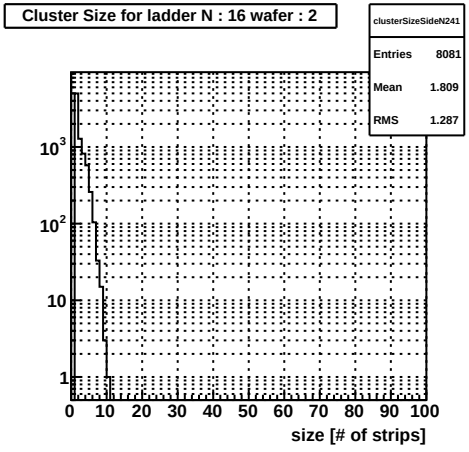

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4937
Mean 2.251
RMS 1.728
size [# of strips]

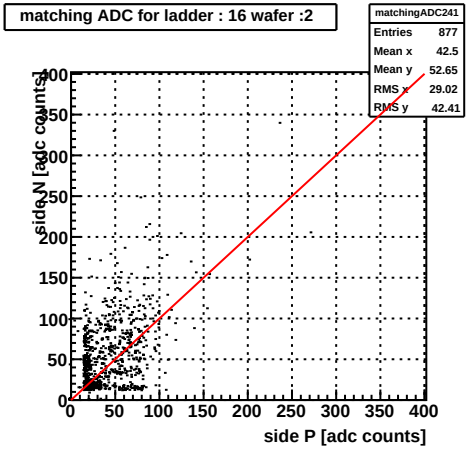

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 656
Mean x 95.85
Mean y 87.79
RMS x 68.89
RMS y 57.95
side N [adc counts]
side P [adc counts]

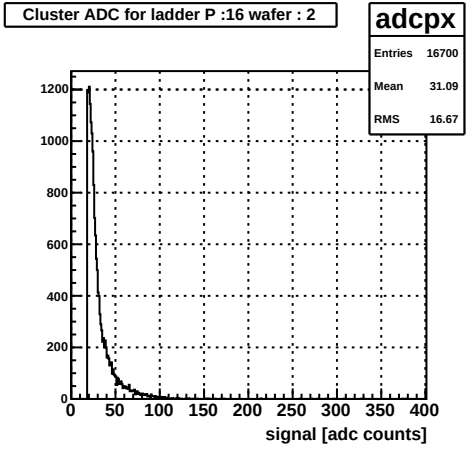

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 889
Mean 99.03
RMS 75.71
signal [adc counts]

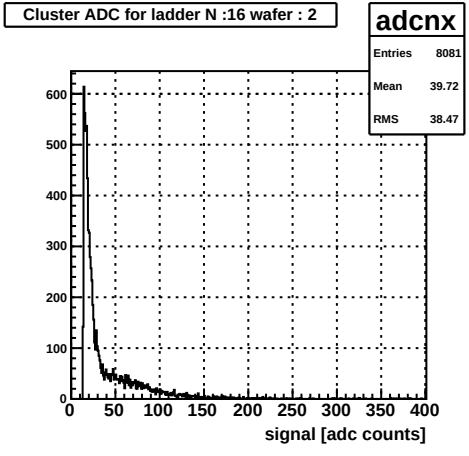

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4937
Mean 50.31
RMS 50.4
signal [adc counts]

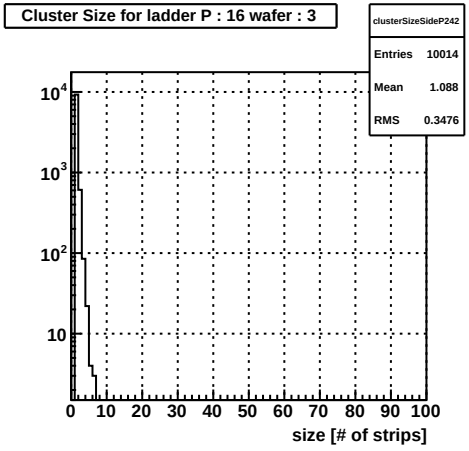

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 16700
Mean 1.176
RMS 0.4854
size [# of strips]

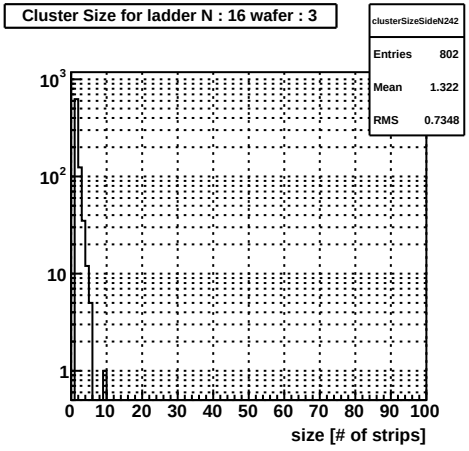

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 8081
Mean 1.809
RMS 1.287
size [# of strips]

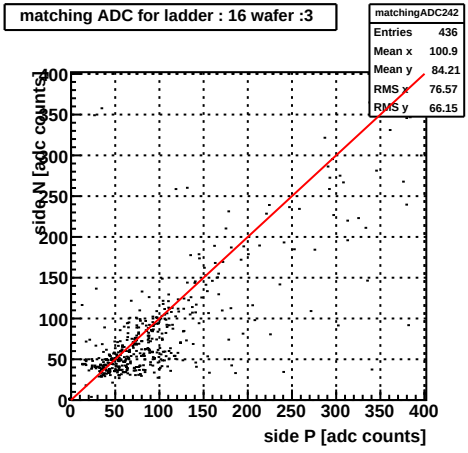

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 877
Mean x 42.5
Mean y 52.65
RMS x 29.02
RMS y 42.41
side N [adc counts]
side P [adc counts]

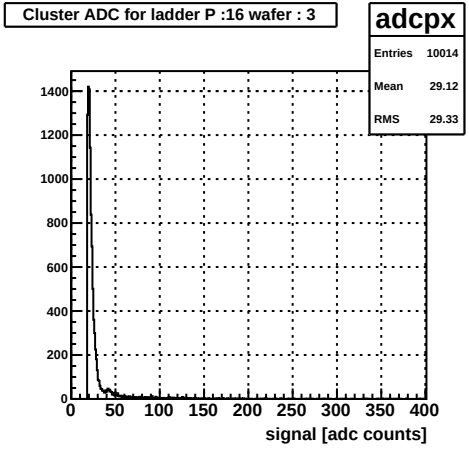

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 16700
Mean 31.09
RMS 16.67
signal [adc counts]

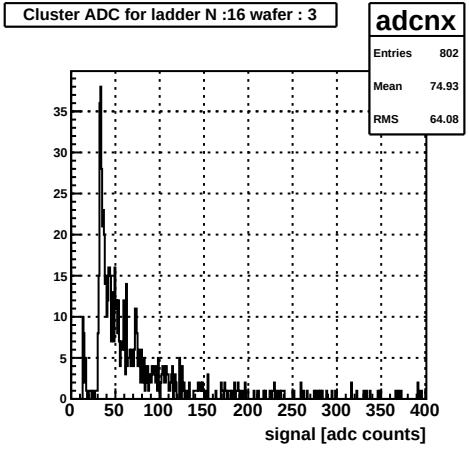

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 8081
Mean 39.72
RMS 38.47
signal [adc counts]

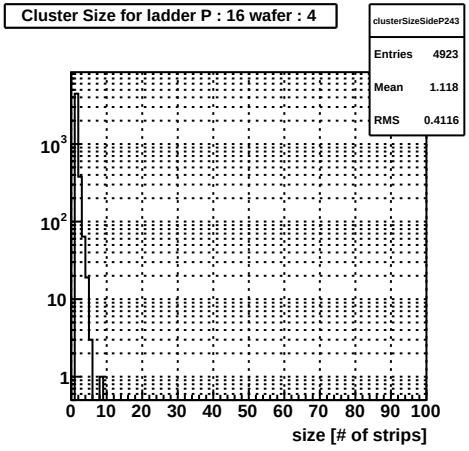

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10014
Mean 1.088
RMS 0.3476
size [# of strips]

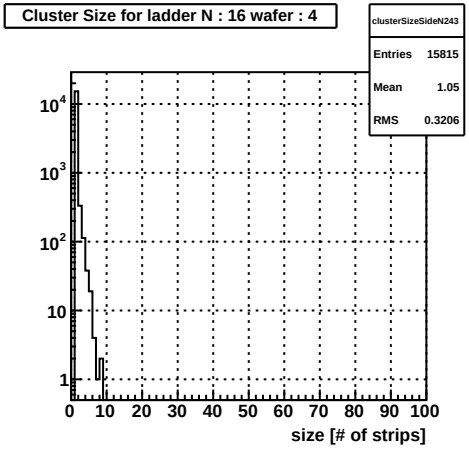

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 802
Mean 1.322
RMS 0.7348
size [# of strips]

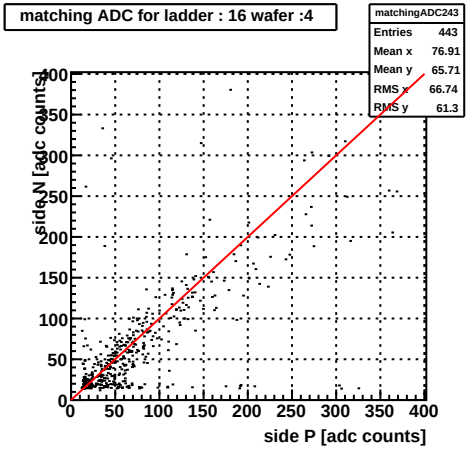

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 436
Mean x 100.9
Mean y 84.21
RMS x 76.57
RMS y 66.15
side N [adc counts]
side P [adc counts]

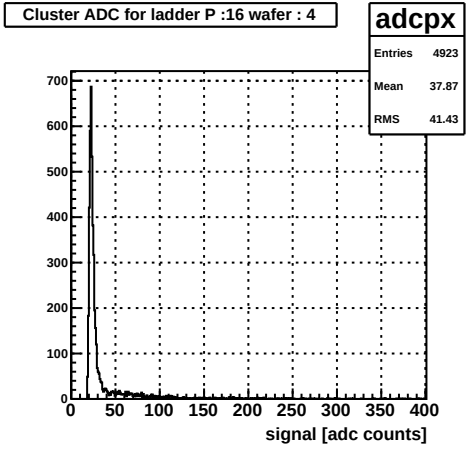

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10014
Mean 29.12
RMS 29.33
signal [adc counts]

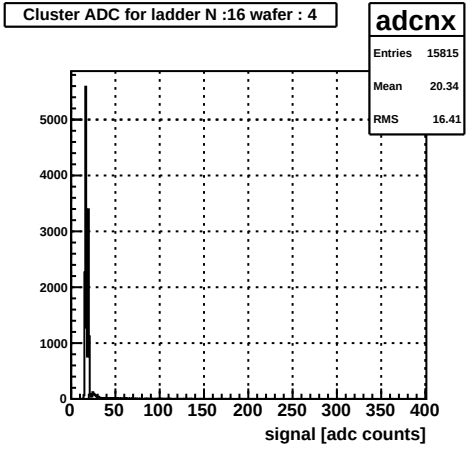

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 802
Mean 74.93
RMS 64.08
signal [adc counts]

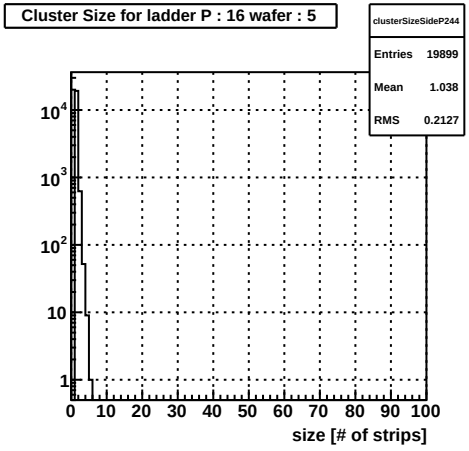

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4923
Mean 1.118
RMS 0.4116
size [# of strips]

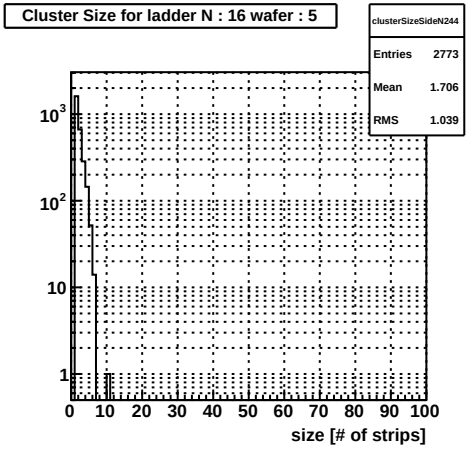

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 15815
Mean 1.05
RMS 0.3206
size [# of strips]

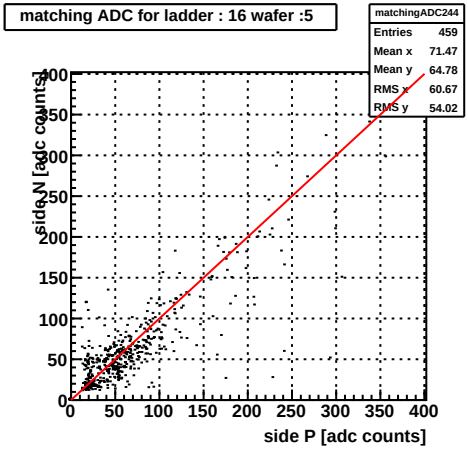

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 443
Mean x 76.91
Mean y 65.71
RMS x 66.74
RMS y 61.3
side N [adc counts]
side P [adc counts]

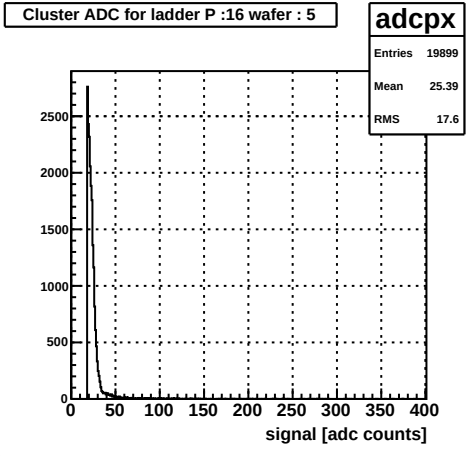

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4923
Mean 37.87
RMS 41.43
signal [adc counts]

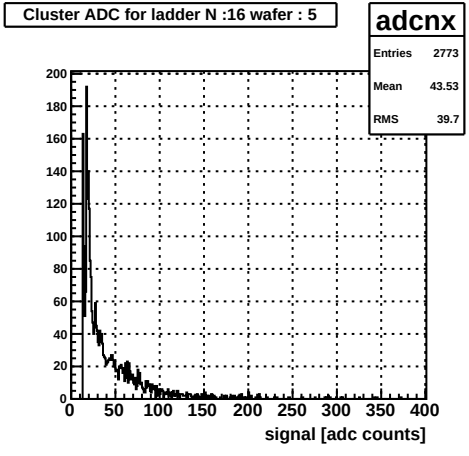

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 15815
Mean 20.34
RMS 16.41
signal [adc counts]

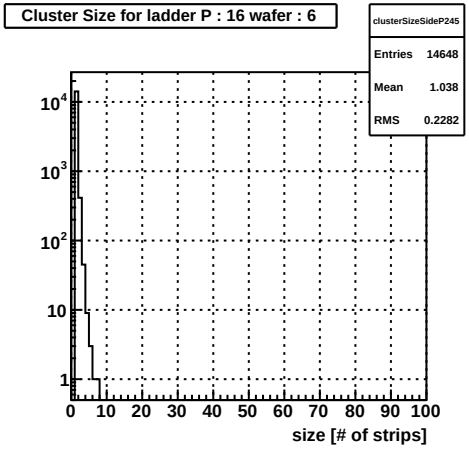

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 19899
Mean 1.038
RMS 0.2127
size [# of strips]

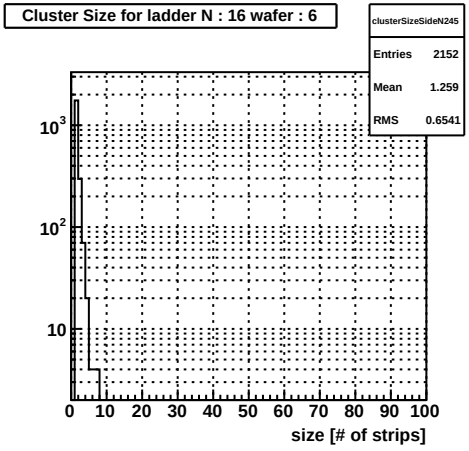

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2773
Mean 1.706
RMS 1.039
size [# of strips]

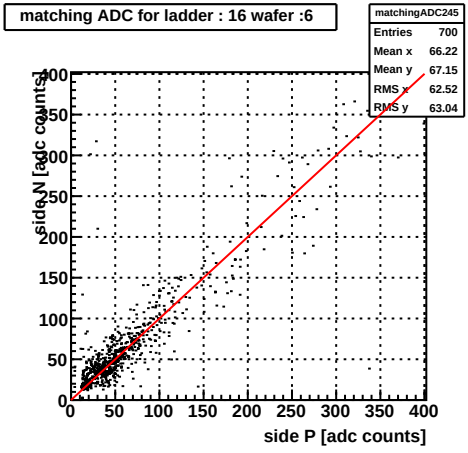

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 459
Mean x 71.47
Mean y 64.78
RMS x 60.67
RMS y 54.02
side N [adc counts]
side P [adc counts]

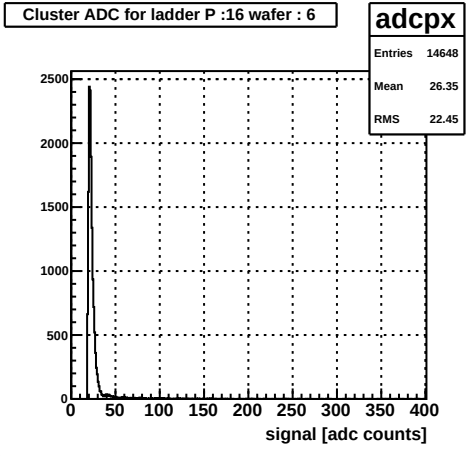

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 19899
Mean 25.39
RMS 17.6
signal [adc counts]

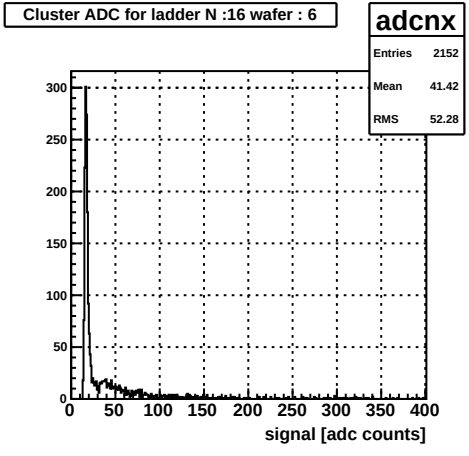

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2773
Mean 43.53
RMS 39.7
signal [adc counts]

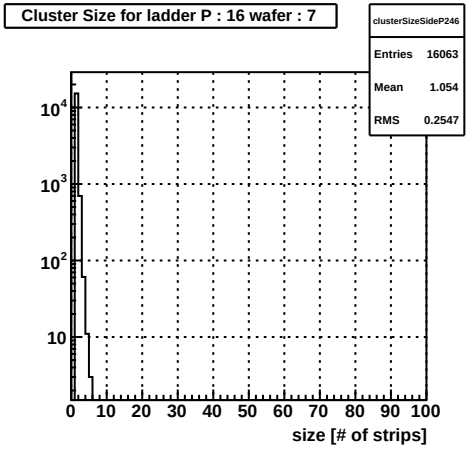

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 14648
Mean 1.038
RMS 0.2282
size [# of strips]

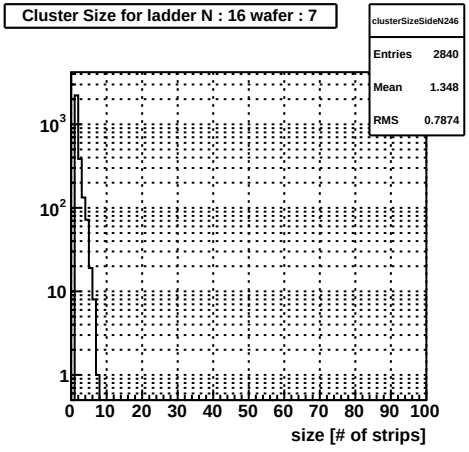

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2152
Mean 1.259
RMS 0.6541
size [# of strips]

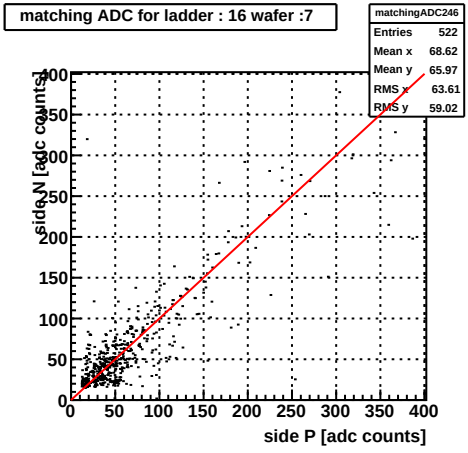

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 700
Mean x 66.22
Mean y 67.15
RMS x 62.52
RMS y 63.04
side N [adc counts]
side P [adc counts]

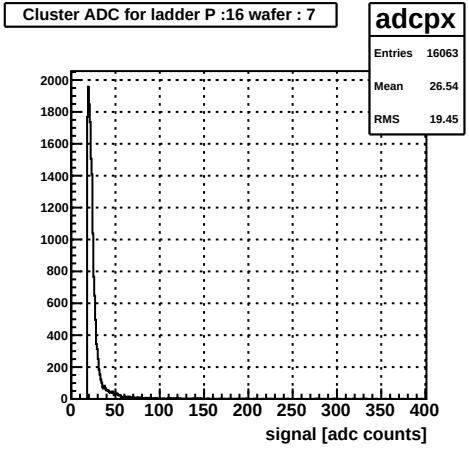

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 14648
Mean 26.35
RMS 22.45
signal [adc counts]

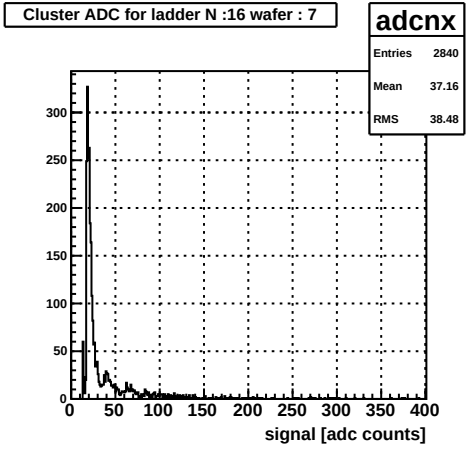

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2152
Mean 41.42
RMS 52.28
signal [adc counts]

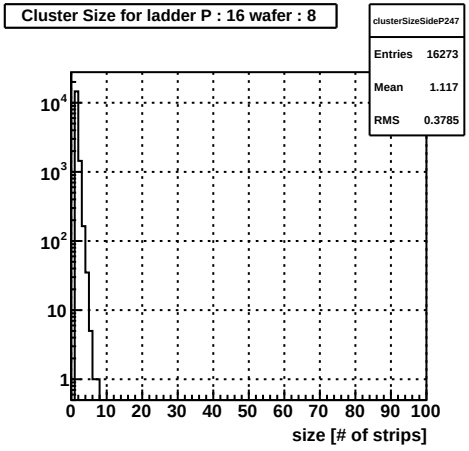

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 16063
Mean 1.054
RMS 0.2547
size [# of strips]

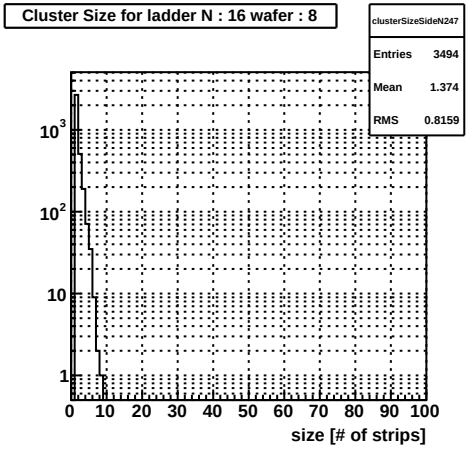

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2840
Mean 1.348
RMS 0.7874
size [# of strips]

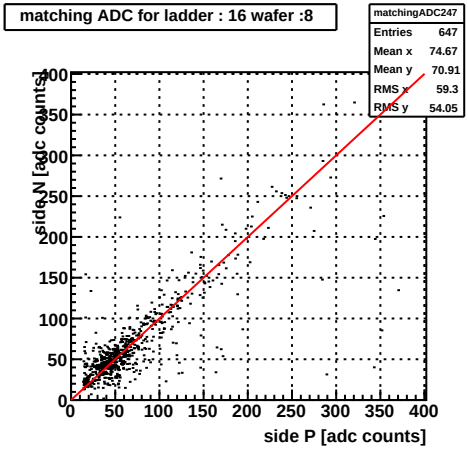

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 522
Mean x 68.62
Mean y 65.97
RMS x 63.61
RMS y 59.02
side N [adc counts]
side P [adc counts]

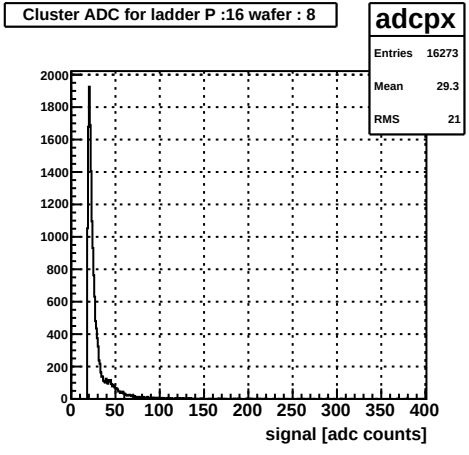

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 16063
Mean 26.54
RMS 19.45
signal [adc counts]

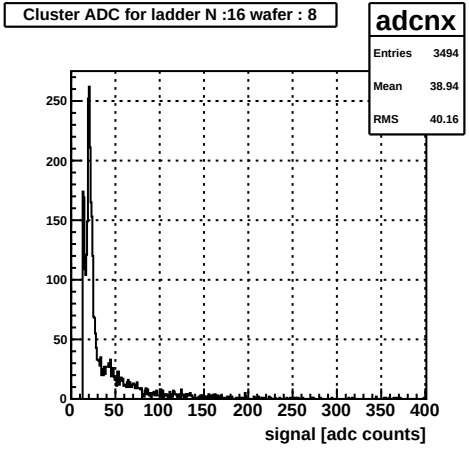

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2840
Mean 37.16
RMS 38.48
signal [adc counts]

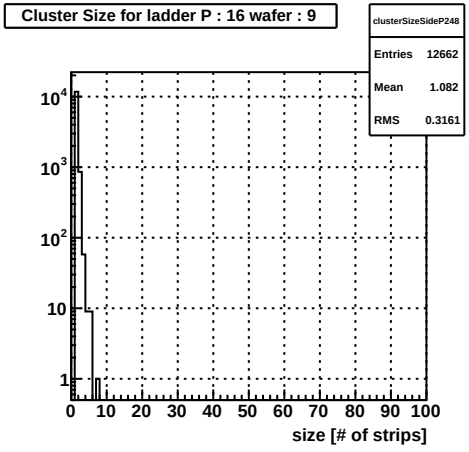

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 16273
Mean 1.117
RMS 0.3785
size [# of strips]

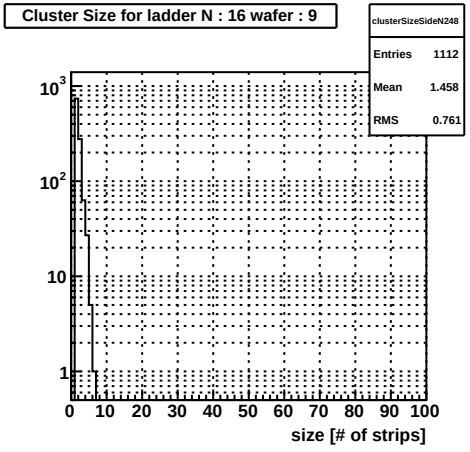

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3494
Mean 1.374
RMS 0.8159
size [# of strips]

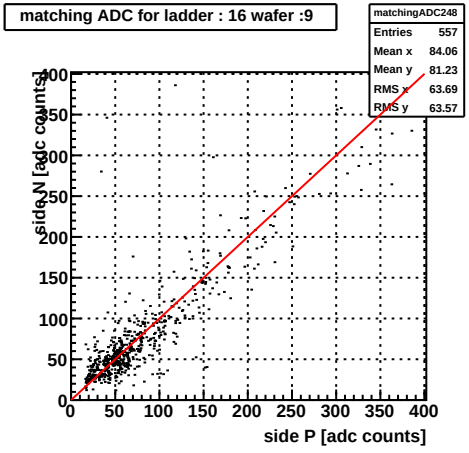

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 647
Mean x 74.67
Mean y 70.91
RMS x 59.3
RMS y 54.05
side N [adc counts]
side P [adc counts]

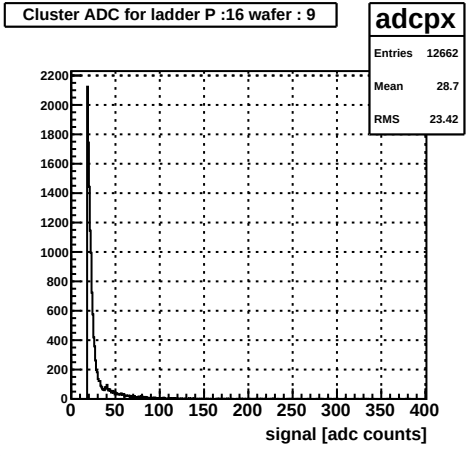

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 16273
Mean 29.3
RMS 21
signal [adc counts]

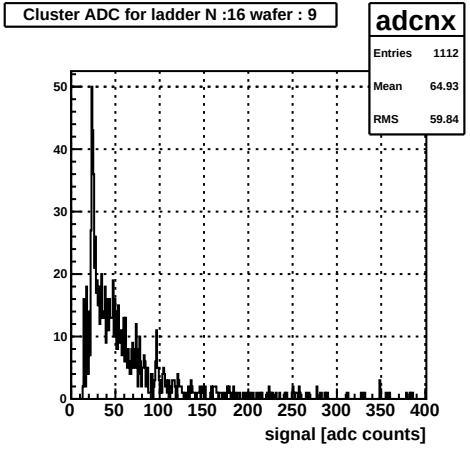

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3494
Mean 38.94
RMS 40.16
signal [adc counts]

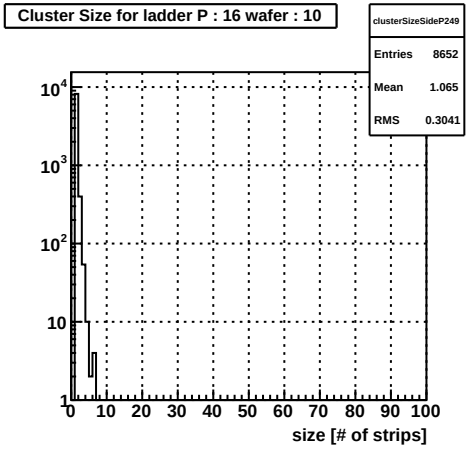

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12662
Mean 1.082
RMS 0.3161
size [# of strips]

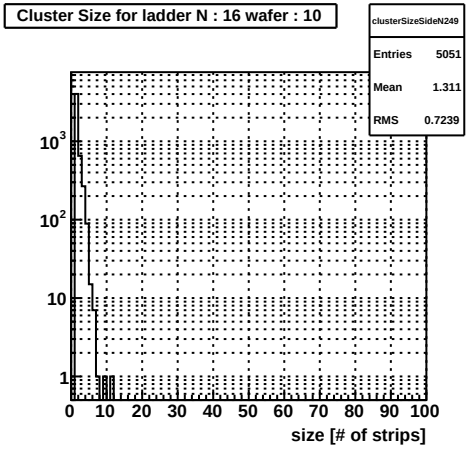

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1112
Mean 1.458
RMS 0.761
size [# of strips]

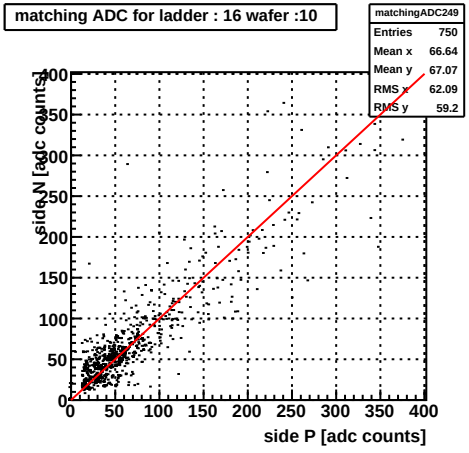

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 557
Mean x 84.06
Mean y 81.23
RMS x 63.69
RMS y 63.57
side N [adc counts]
side P [adc counts]

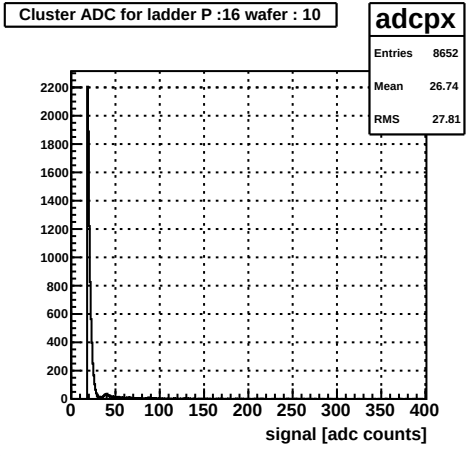

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12662
Mean 28.7
RMS 23.42
signal [adc counts]

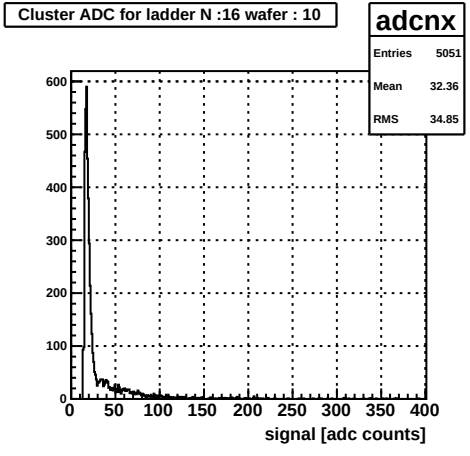

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1112
Mean 64.93
RMS 59.84
signal [adc counts]

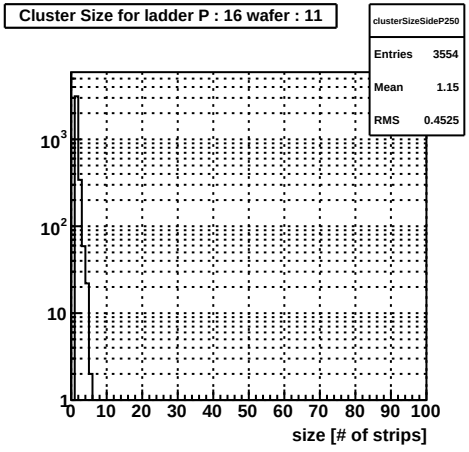

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8652
Mean 1.065
RMS 0.3041
size [# of strips]

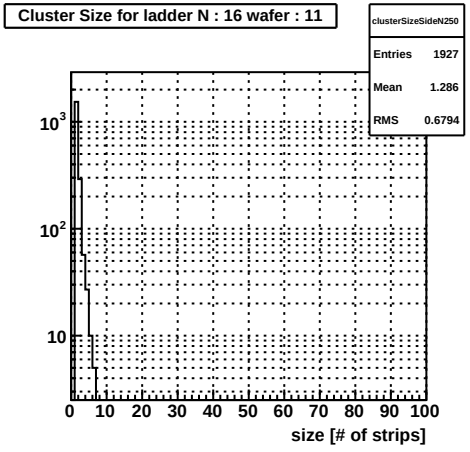

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5051
Mean 1.311
RMS 0.7239
size [# of strips]

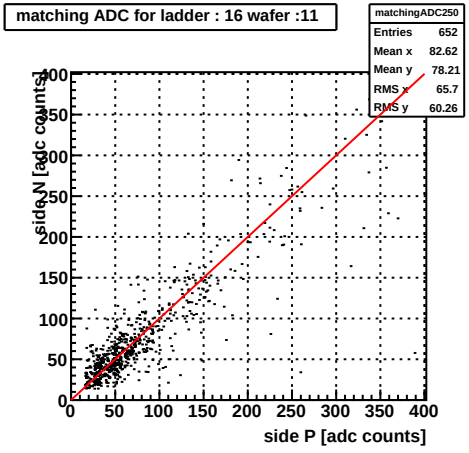

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 750
Mean x 66.64
Mean y 67.07
RMS x 62.09
RMS y 59.2
side N [adc counts]
side P [adc counts]

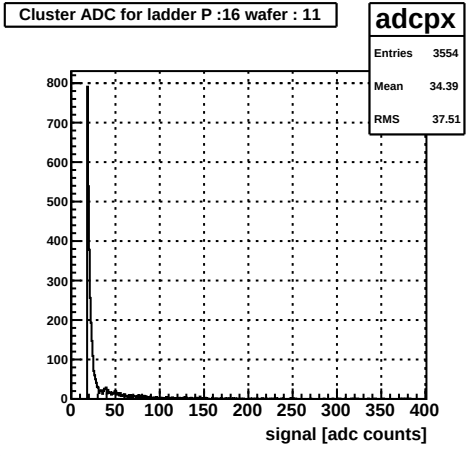

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8652
Mean 26.74
RMS 27.81
signal [adc counts]

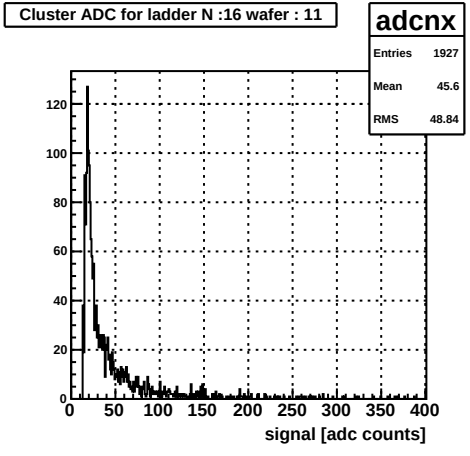

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5051
Mean 32.36
RMS 34.85
signal [adc counts]

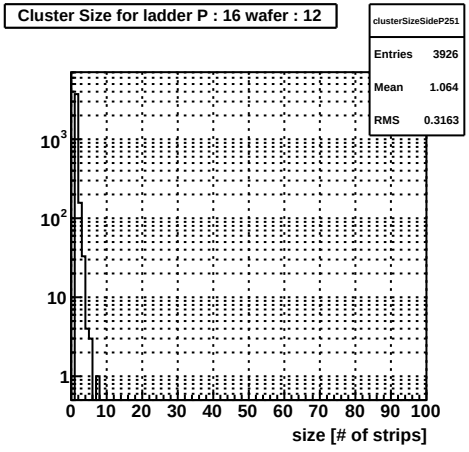

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3554
Mean 1.15
RMS 0.4525
size [# of strips]

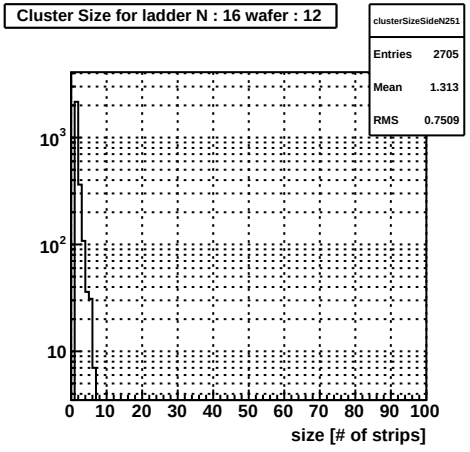

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1927
Mean 1.286
RMS 0.6794
size [# of strips]

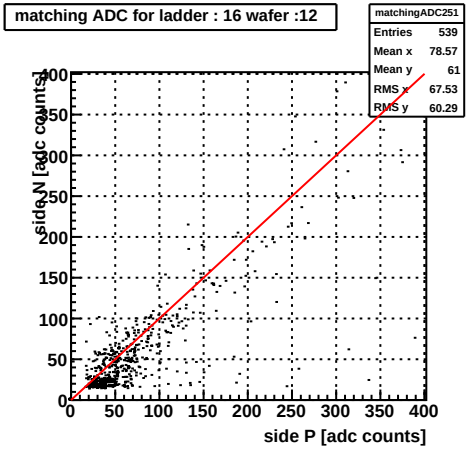

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 652
Mean x 82.62
Mean y 78.21
RMS x 65.7
RMS y 60.26
side N [adc counts]
side P [adc counts]

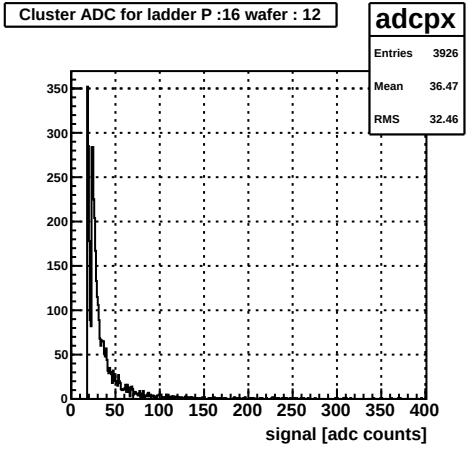

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3554
Mean 34.39
RMS 37.51
signal [adc counts]

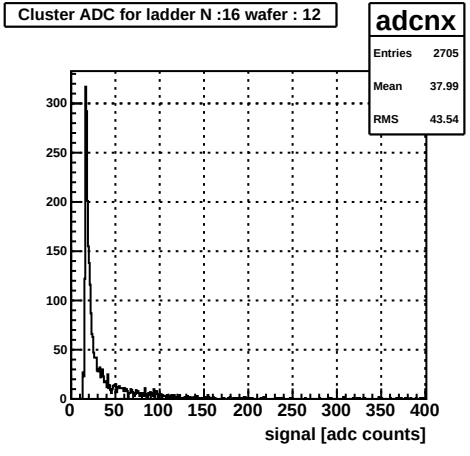

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1927
Mean 45.6
RMS 48.84
signal [adc counts]

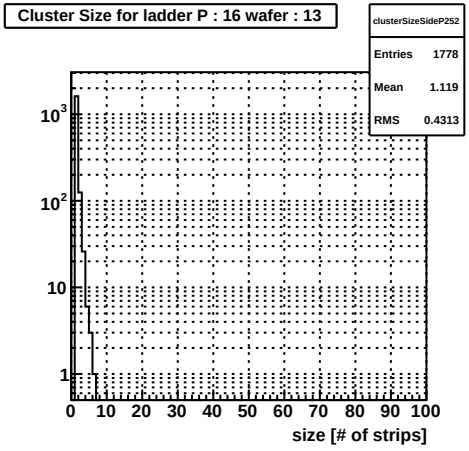

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3926
Mean 1.064
RMS 0.3163
size [# of strips]

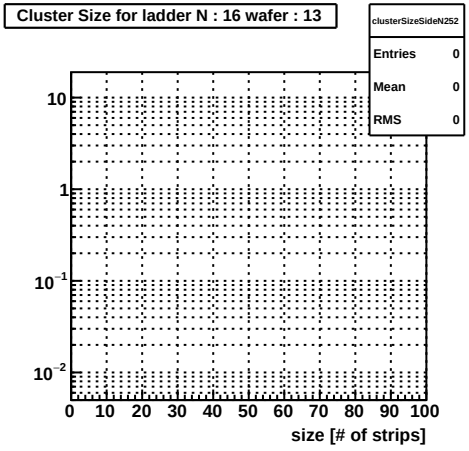

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2705
Mean 1.313
RMS 0.7509
size [# of strips]

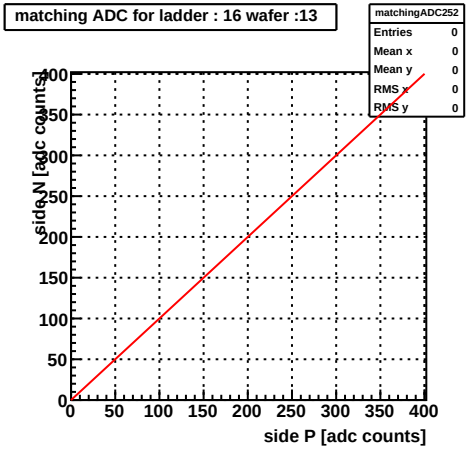

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 539
Mean x 78.57
Mean y 61
RMS x 67.53
RMS y 60.29
side N [adc counts]
side P [adc counts]

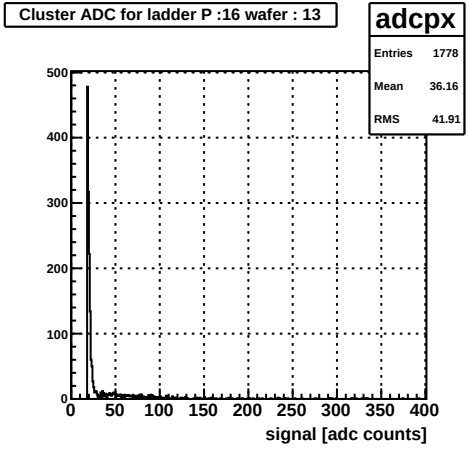

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3926
Mean 36.47
RMS 32.46
signal [adc counts]

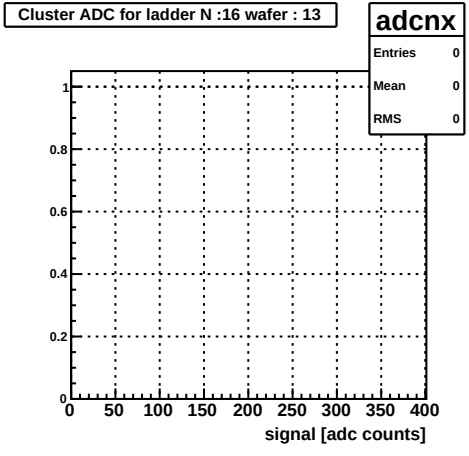

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2705
Mean 37.99
RMS 43.54
signal [adc counts]

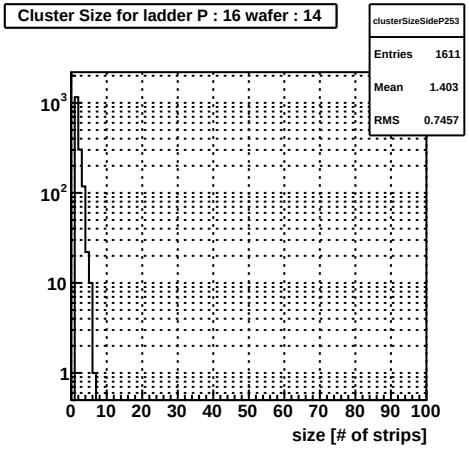

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1778
Mean 1.119
RMS 0.4313
size [# of strips]

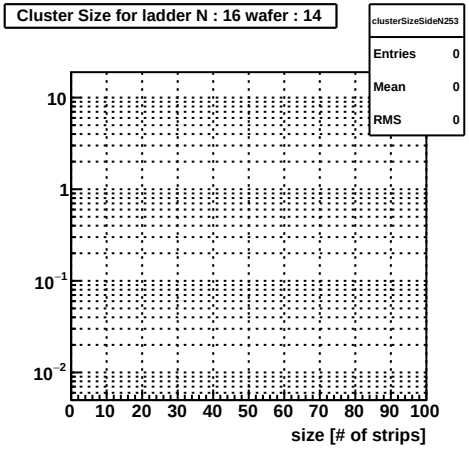

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

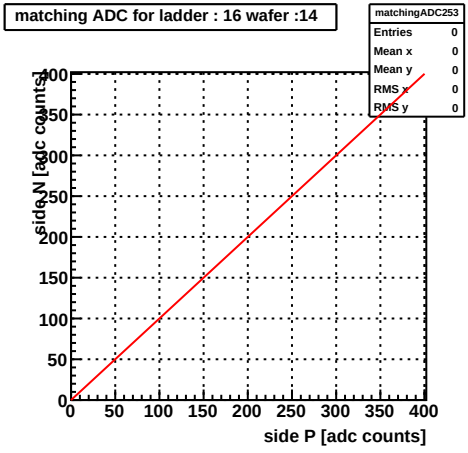

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

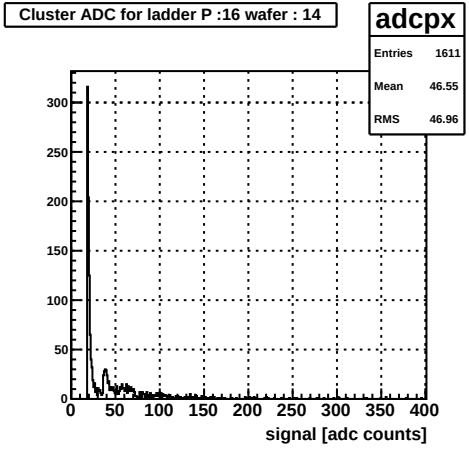

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1778
Mean 36.16
RMS 41.91
signal [adc counts]

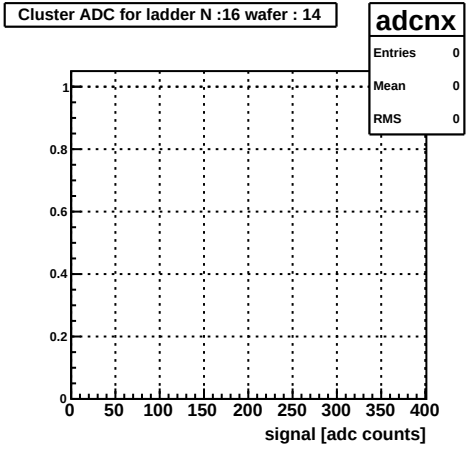

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

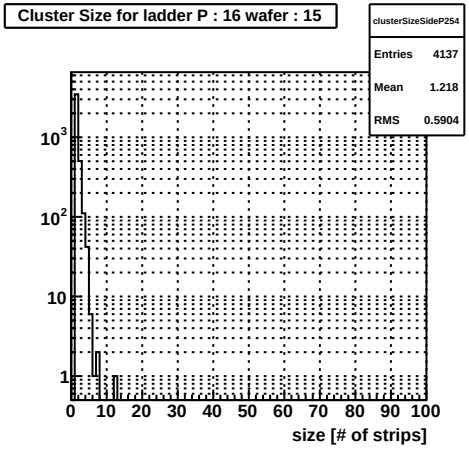

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1611
Mean 1.403
RMS 0.7457
size [# of strips]

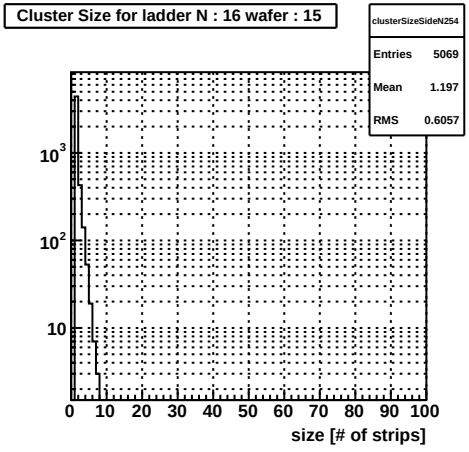

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

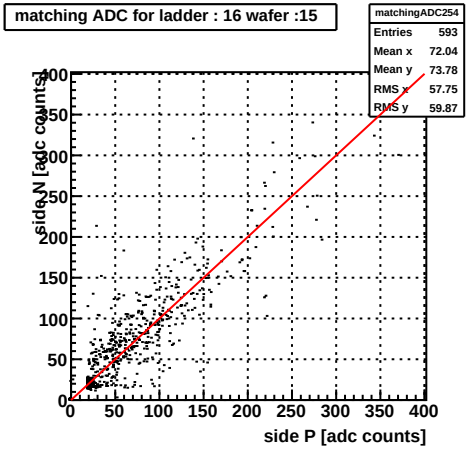

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

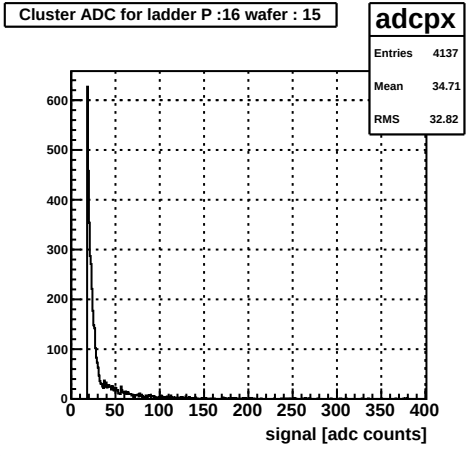

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1611
Mean 46.55
RMS 46.96
signal [adc counts]

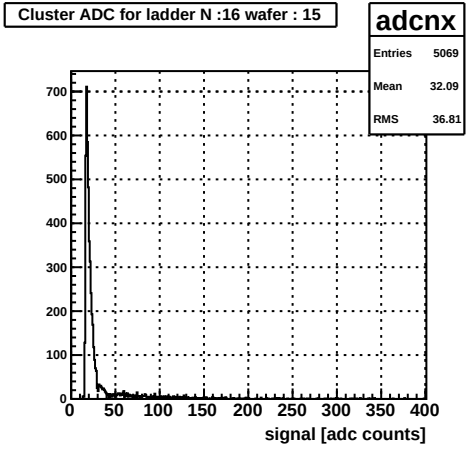

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

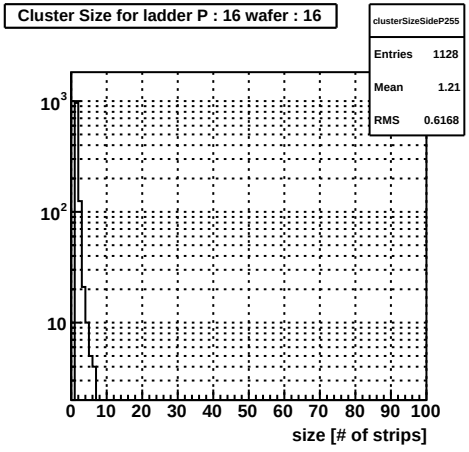

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4137
Mean 1.218
RMS 0.5904
size [# of strips]

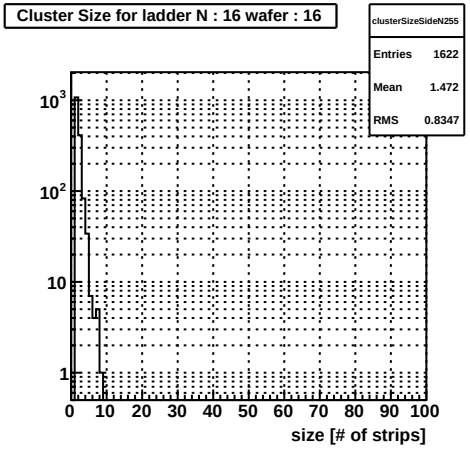

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 5069
Mean 1.197
RMS 0.6057
size [# of strips]

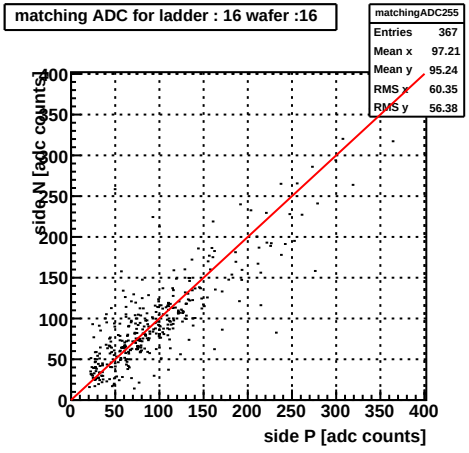

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 593
Mean x 72.04
Mean y 73.78
RMS x 57.75
RMS y 59.87
side N [adc counts]
side P [adc counts]

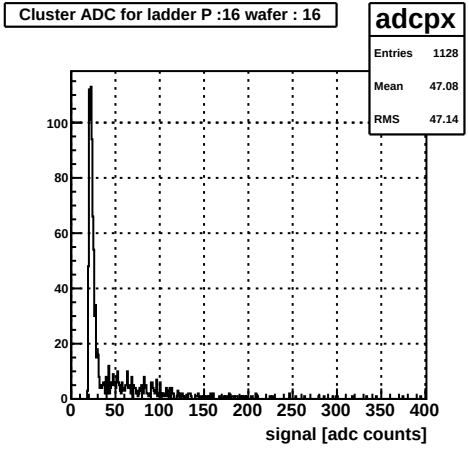

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4137
Mean 34.71
RMS 32.82
signal [adc counts]

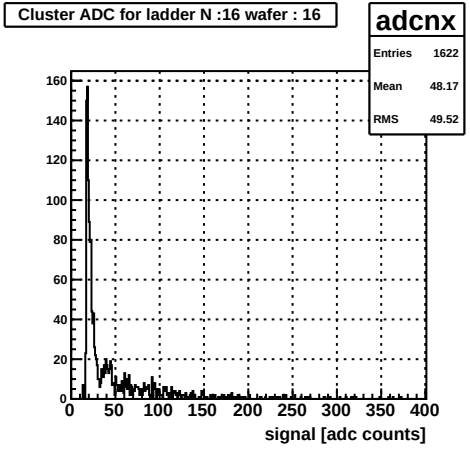

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 5069
Mean 32.09
RMS 36.81
signal [adc counts]

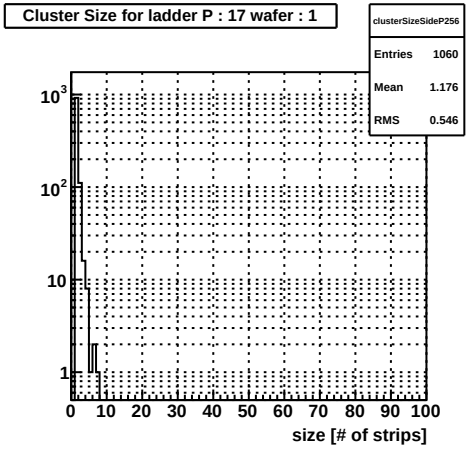

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1128
Mean 1.21
RMS 0.6168
size [# of strips]

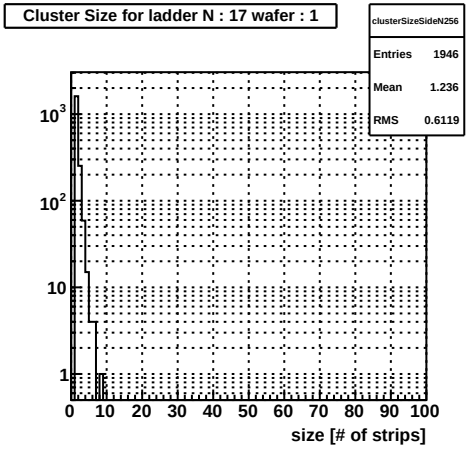

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1622
Mean 1.472
RMS 0.8347
size [# of strips]

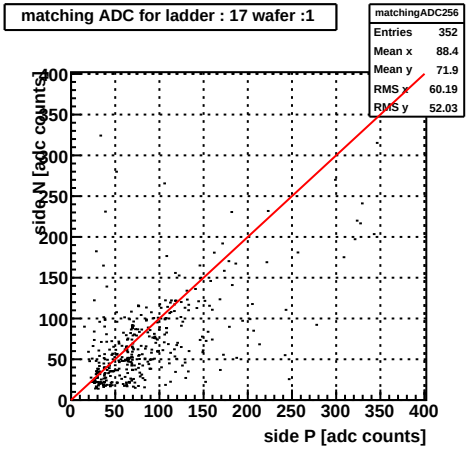

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 367
Mean x 97.21
Mean y 95.24
RMS x 60.35
RMS y 56.38
side N [adc counts]
side P [adc counts]

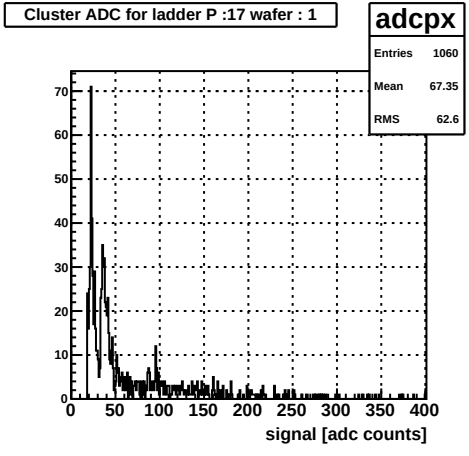

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1128
Mean 47.08
RMS 47.14
signal [adc counts]

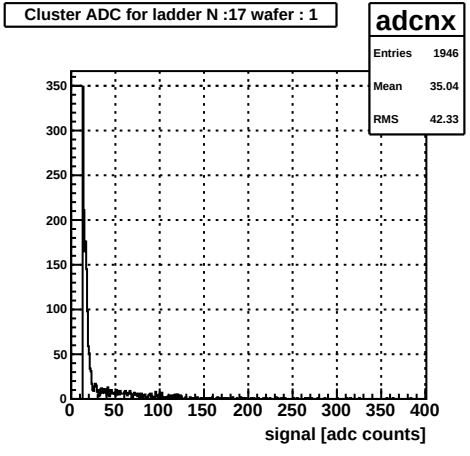

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1622
Mean 48.17
RMS 49.52
signal [adc counts]

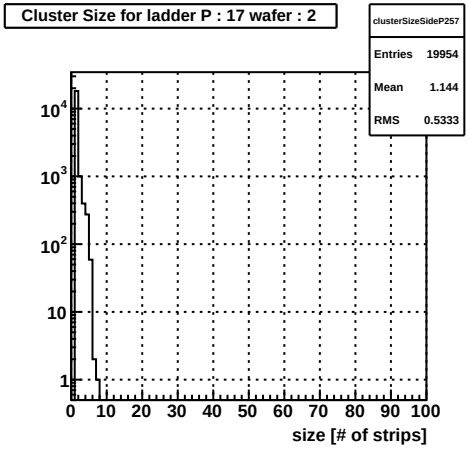

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1060
Mean 1.176
RMS 0.546
size [# of strips]

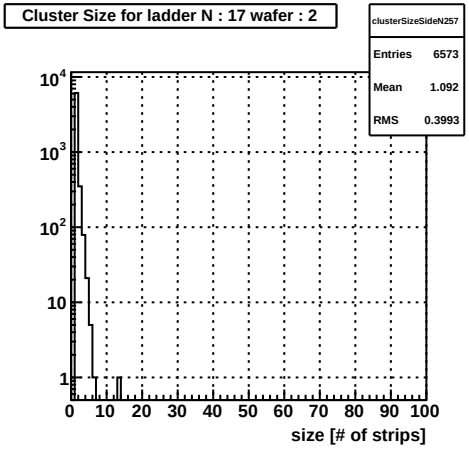

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1946
Mean 1.236
RMS 0.6119
size [# of strips]

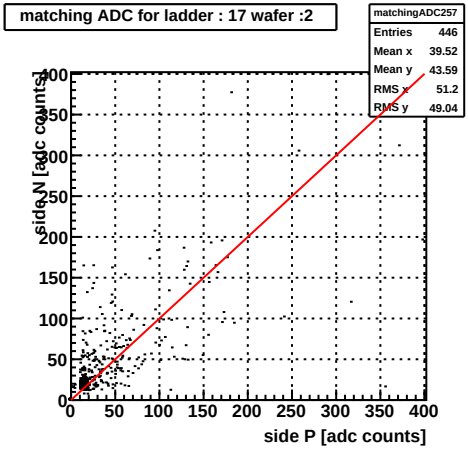

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 352
Mean x 88.4
Mean y 71.9
RMS x 60.19
RMS y 52.03
side N [adc counts]
side P [adc counts]

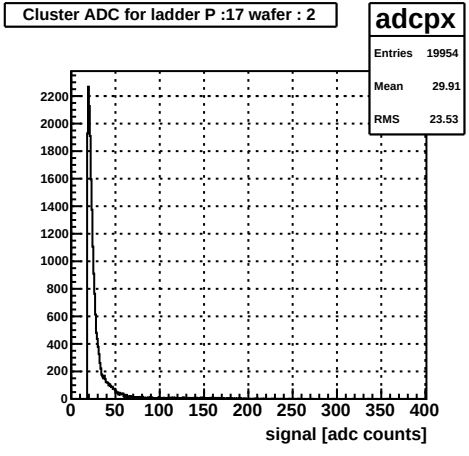

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1060
Mean 67.35
RMS 62.6
signal [adc counts]

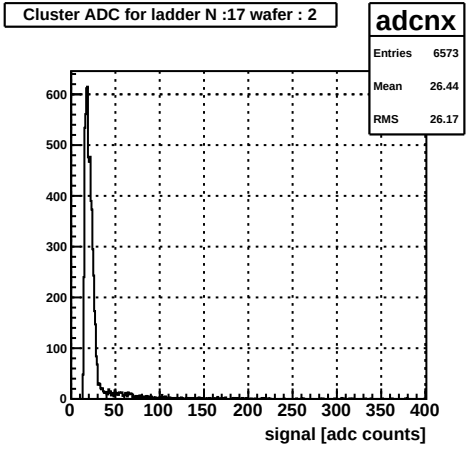

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1946
Mean 35.04
RMS 42.33
signal [adc counts]

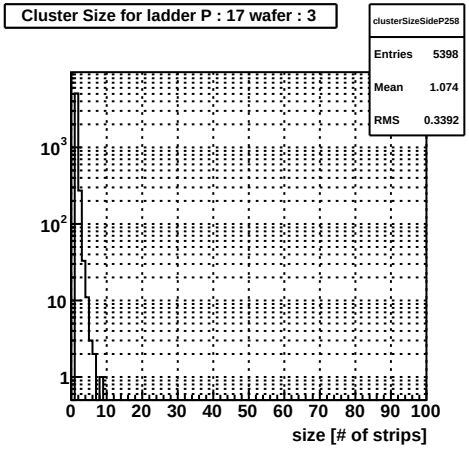

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 19954
Mean 1.144
RMS 0.5333
size [# of strips]

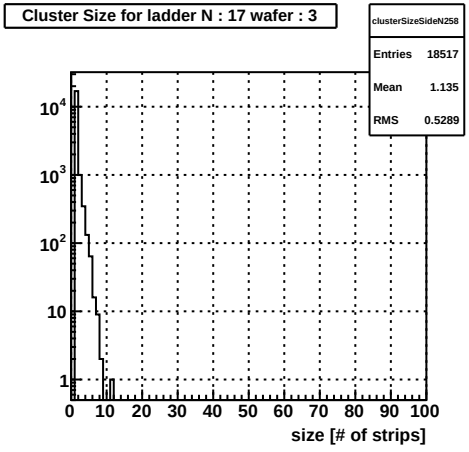

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 6573
Mean 1.092
RMS 0.3993
size [# of strips]

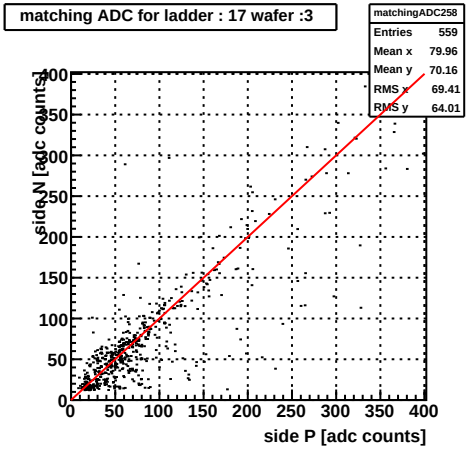

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 446
Mean x 39.52
Mean y 43.59
RMS x 51.2
RMS y 49.04
side N [adc counts]
side P [adc counts]

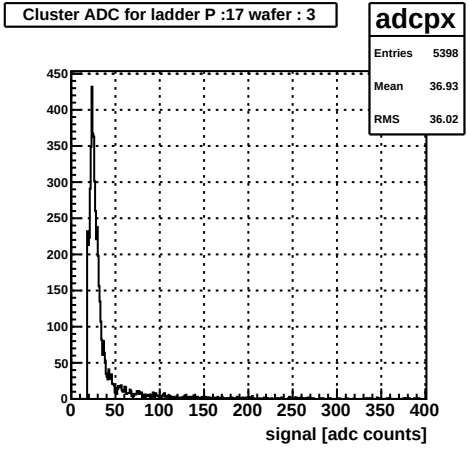

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 19954
Mean 29.91
RMS 23.53
signal [adc counts]

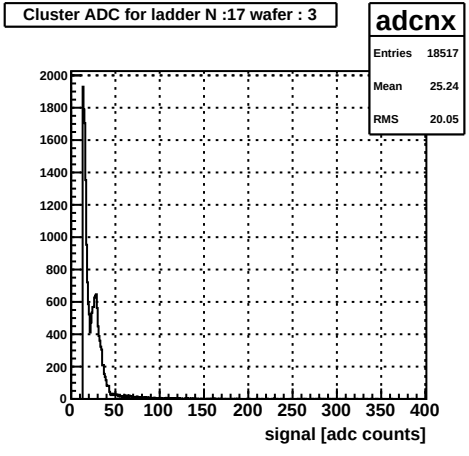

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 6573
Mean 26.44
RMS 26.17
signal [adc counts]

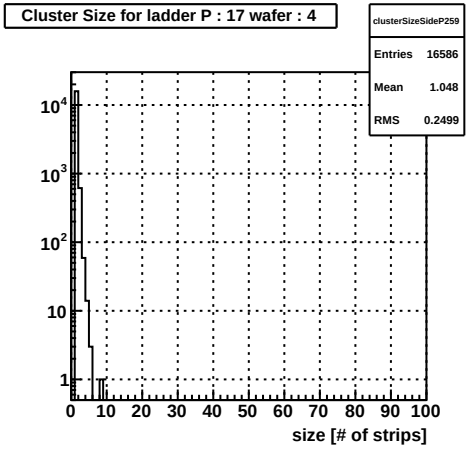

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5398
Mean 1.074
RMS 0.3392
size [# of strips]

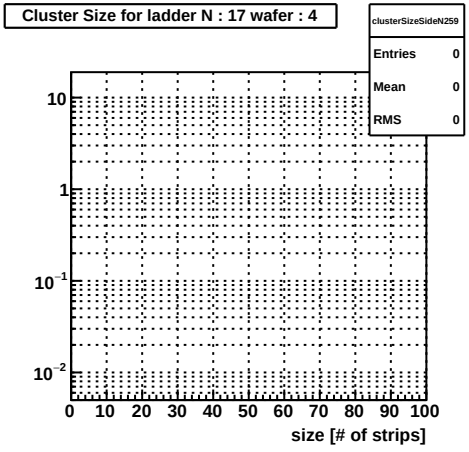

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 18517
Mean 1.135
RMS 0.5289
size [# of strips]

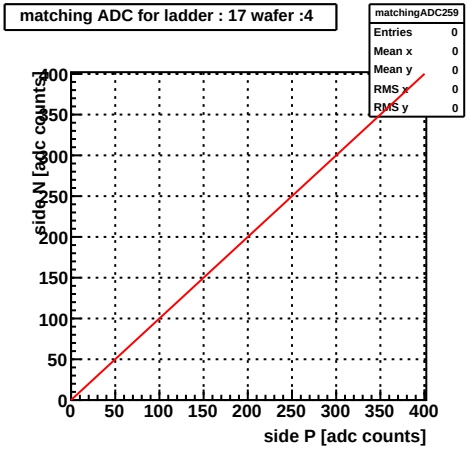

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 559
Mean x 79.96
Mean y 70.16
RMS x 69.41
RMS y 64.01
side N [adc counts]
side P [adc counts]

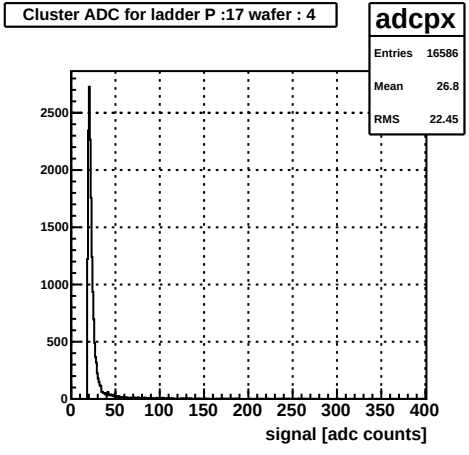

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5398
Mean 36.93
RMS 36.02
signal [adc counts]

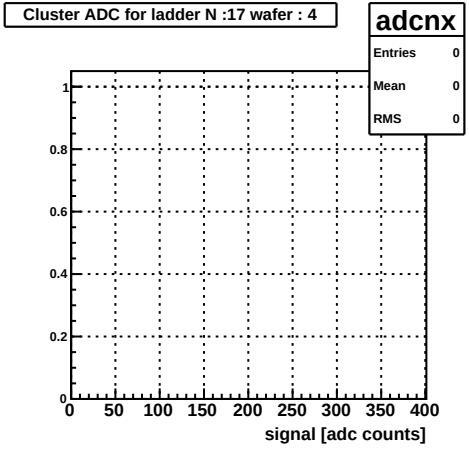

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 18517
Mean 25.24
RMS 20.05
signal [adc counts]

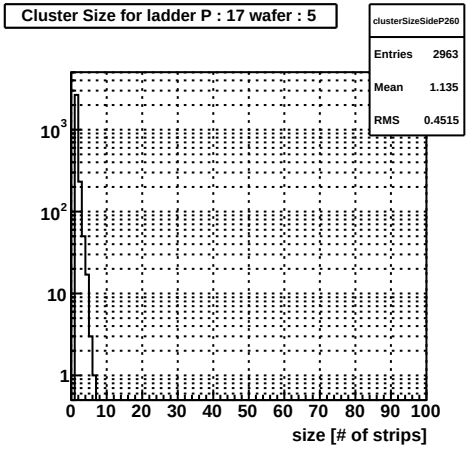

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 16586
Mean 1.048
RMS 0.2499
size [# of strips]

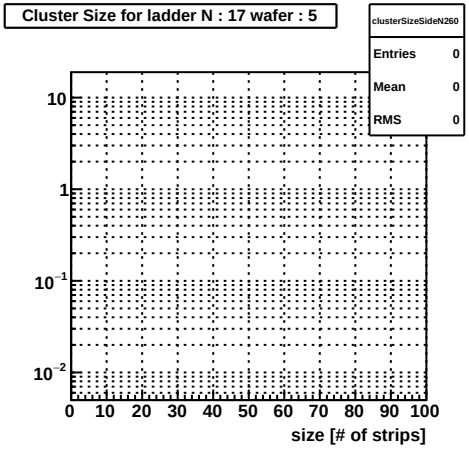

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

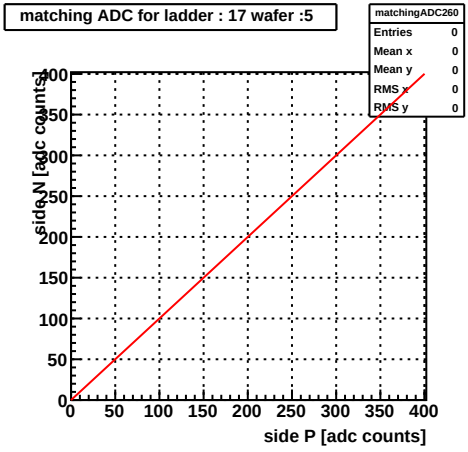

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

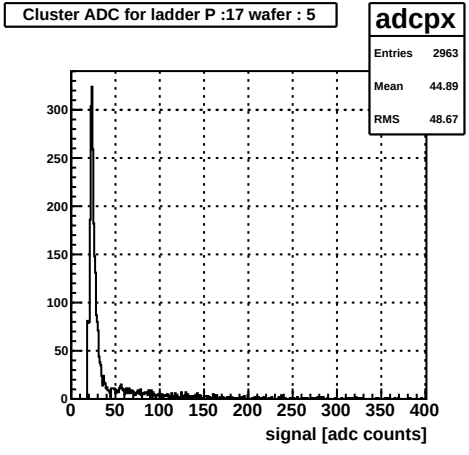

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 16586
Mean 26.8
RMS 22.45
signal [adc counts]

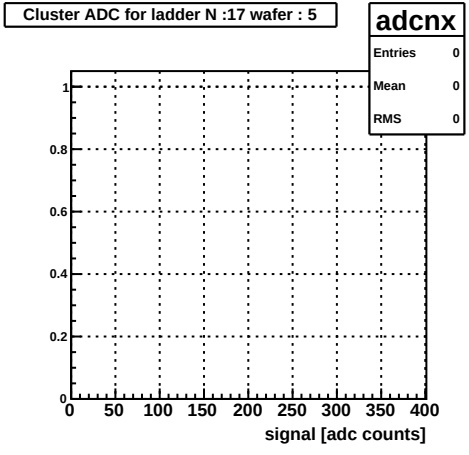

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

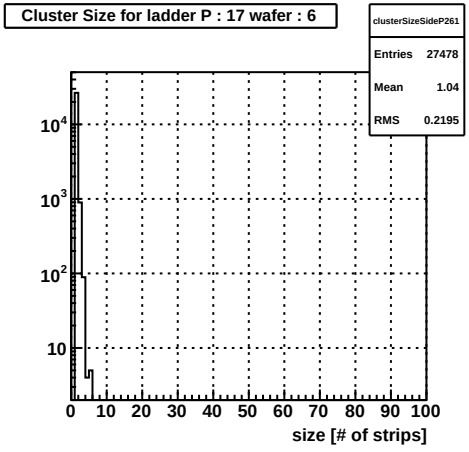

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2963
Mean 1.135
RMS 0.4515
size [# of strips]

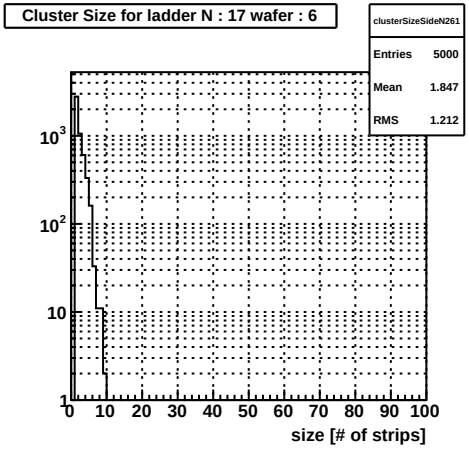

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

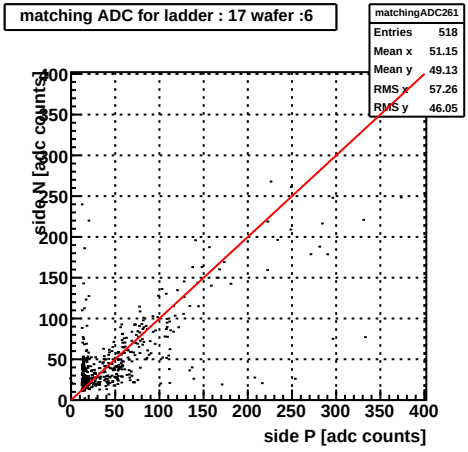

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

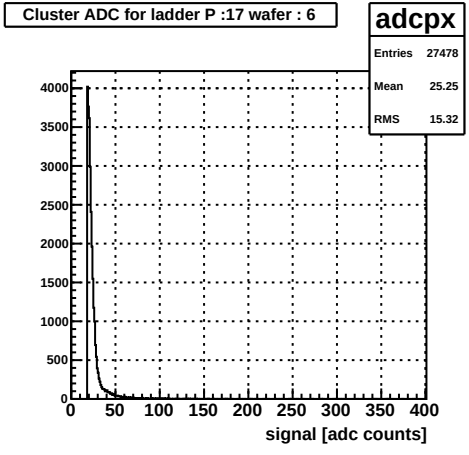

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2963
Mean 44.89
RMS 48.67
signal [adc counts]

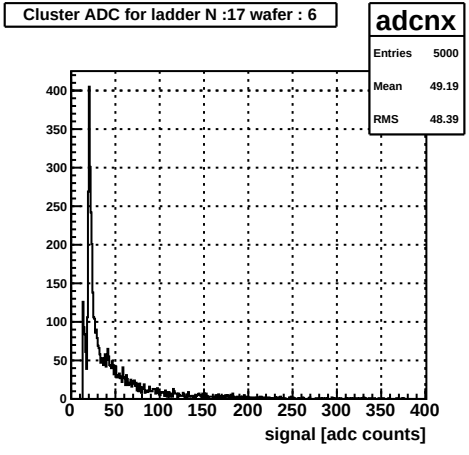

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

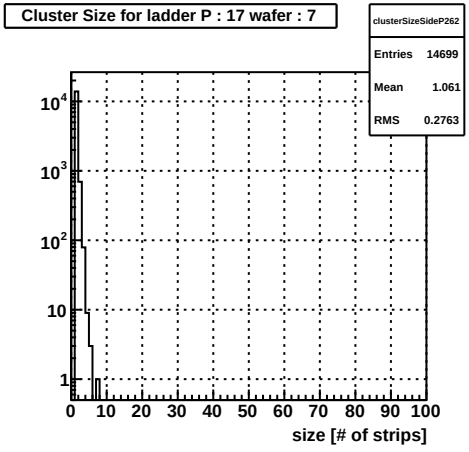

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 27478
Mean 1.04
RMS 0.2195
size [# of strips]

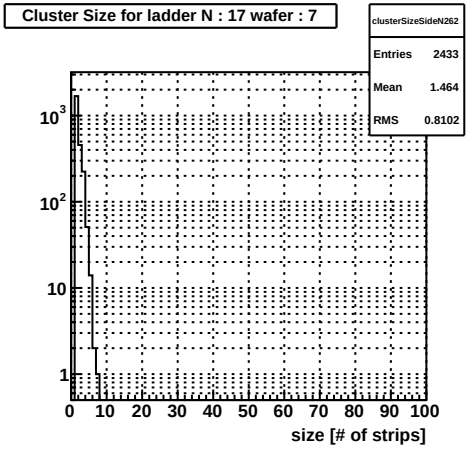

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5000
Mean 1.847
RMS 1.212
size [# of strips]

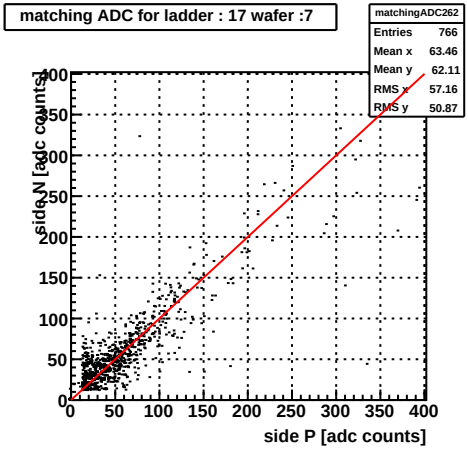

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 518
Mean x 51.15
Mean y 49.13
RMS x 57.26
RMS y 46.05
side N [adc counts]
side P [adc counts]

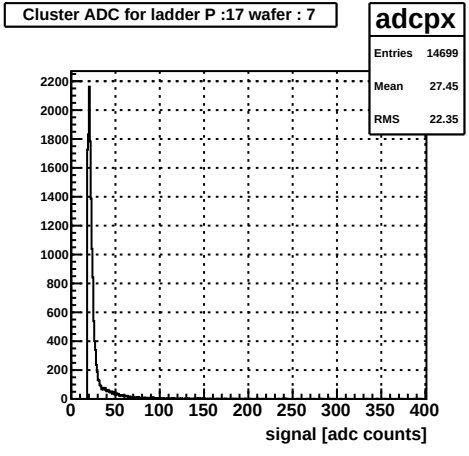

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 27478
Mean 25.25
RMS 15.32
signal [adc counts]

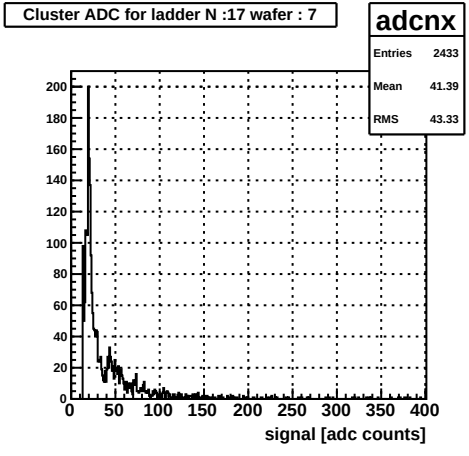

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5000
Mean 49.19
RMS 48.39
signal [adc counts]

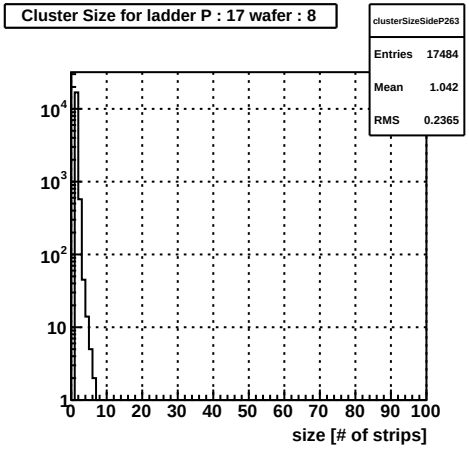

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 14699
Mean 1.061
RMS 0.2763
size [# of strips]

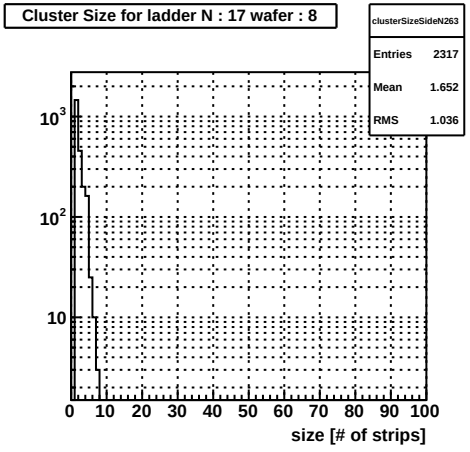

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2433
Mean 1.464
RMS 0.8102
size [# of strips]

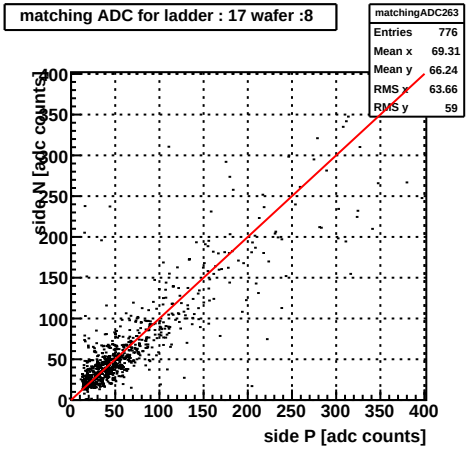

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 766
Mean x 63.46
Mean y 62.11
RMS x 57.16
RMS y 50.87
side N [adc counts]
side P [adc counts]

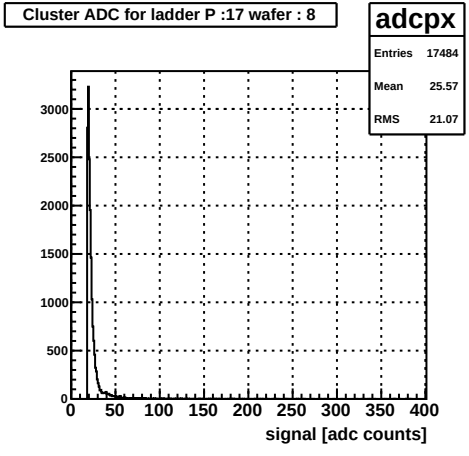

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 14699
Mean 27.45
RMS 22.35
signal [adc counts]

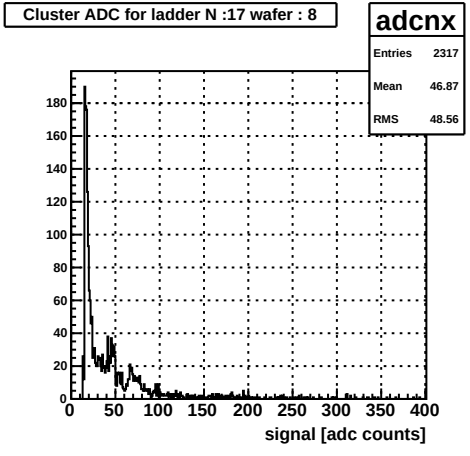

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2433
Mean 41.39
RMS 43.33
signal [adc counts]

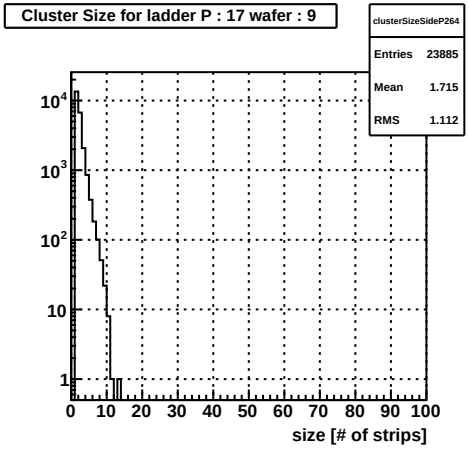

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 17484
Mean 1.042
RMS 0.2365
size [# of strips]

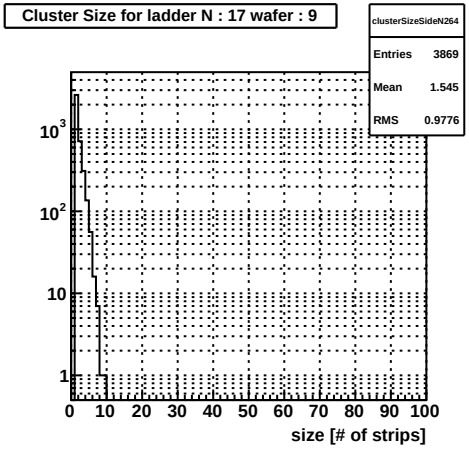

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2317
Mean 1.652
RMS 1.036
size [# of strips]

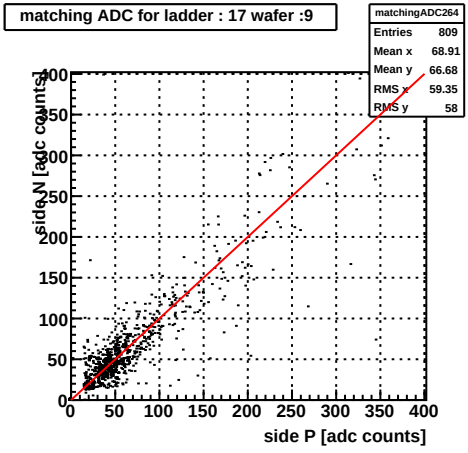

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 776
Mean x 69.31
Mean y 66.24
RMS x 63.66
RMS y 59
side N [adc counts]
side P [adc counts]

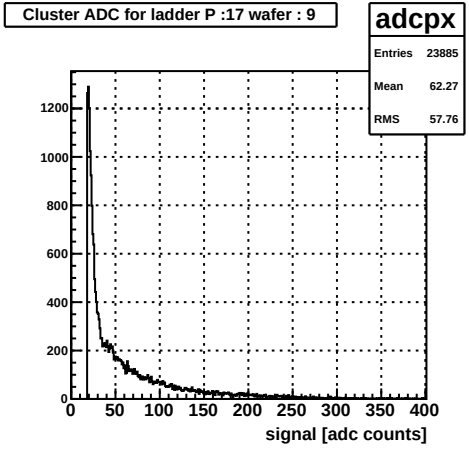

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 17484
Mean 25.57
RMS 21.07
signal [adc counts]

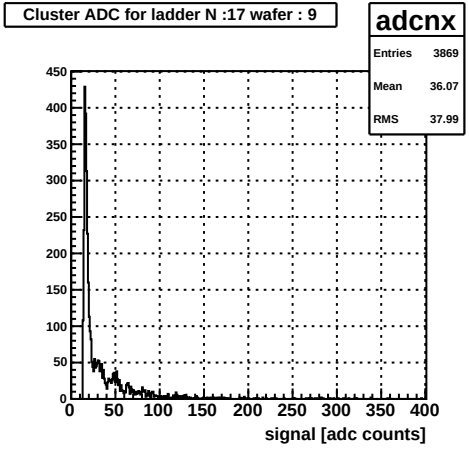

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2317
Mean 46.87
RMS 48.56
signal [adc counts]

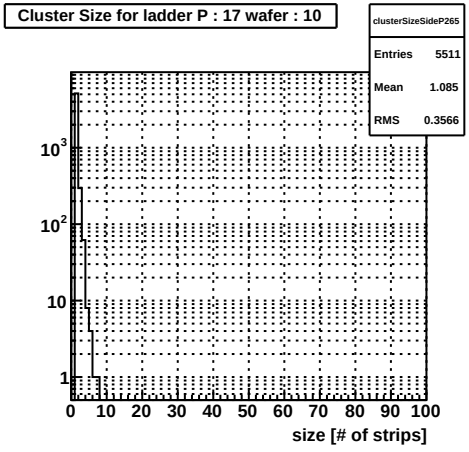

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 23885
Mean 1.715
RMS 1.112
size [# of strips]

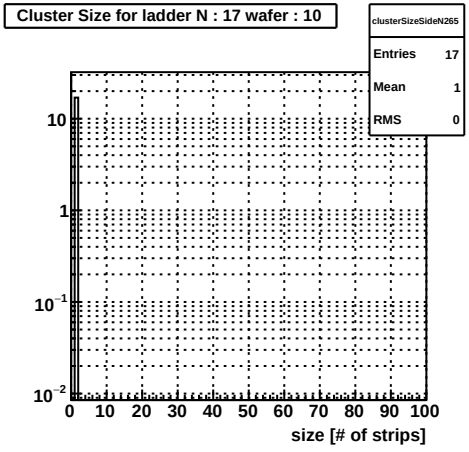

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3869
Mean 1.545
RMS 0.9776
size [# of strips]

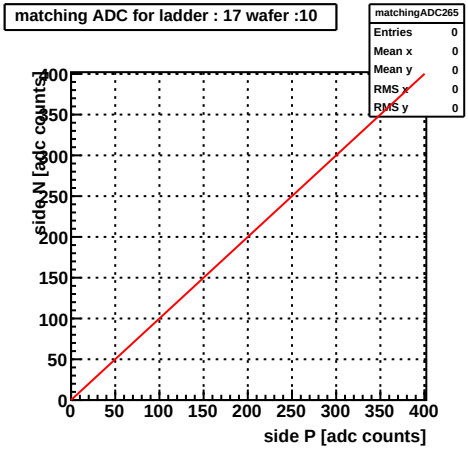

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 809
Mean x 68.91
Mean y 66.68
RMS x 59.35
RMS y 58
side N [adc counts]
side P [adc counts]

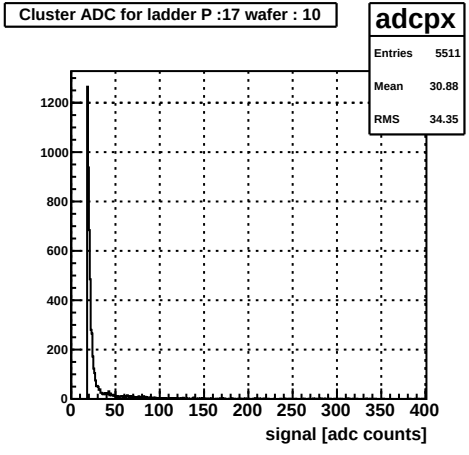

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 23885
Mean 62.27
RMS 57.76
signal [adc counts]

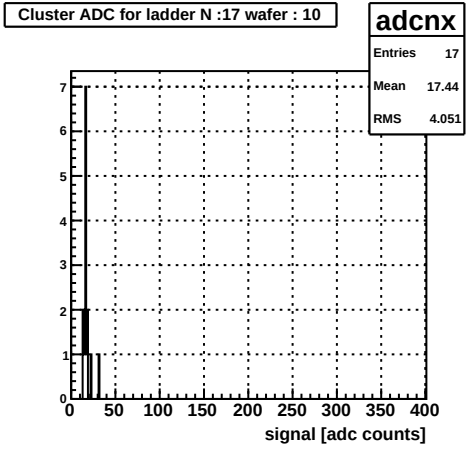

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3869
Mean 36.07
RMS 37.99
signal [adc counts]

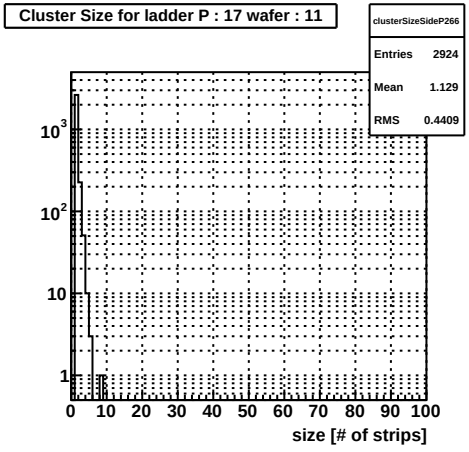

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5511
Mean 1.085
RMS 0.3566
size [# of strips]

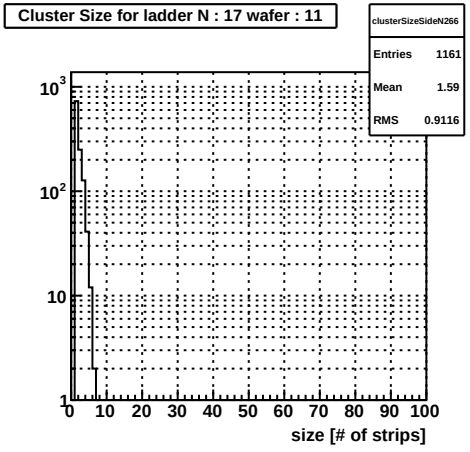

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 17
Mean 1
RMS 0
size [# of strips]

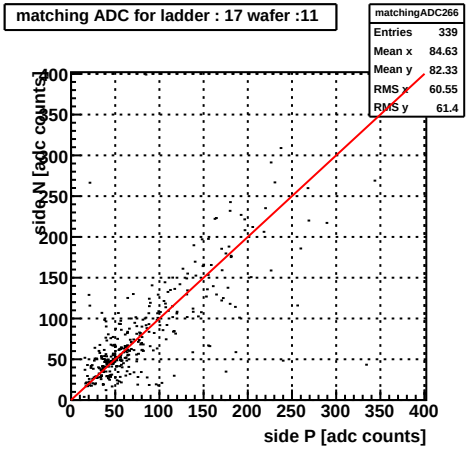

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

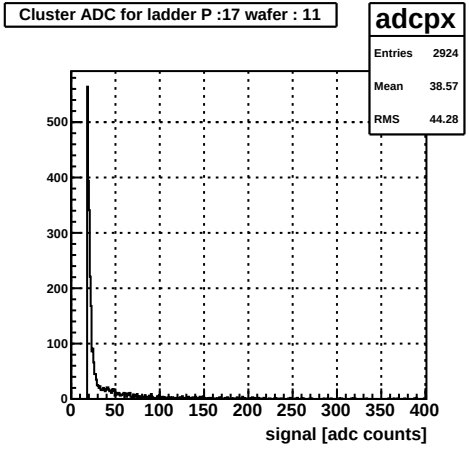

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5511
Mean 30.88
RMS 34.35
signal [adc counts]

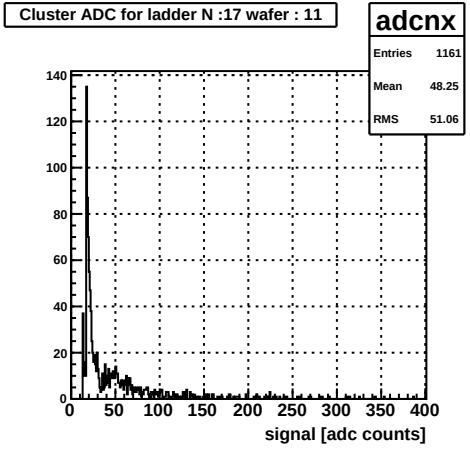

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 17
Mean 17.44
RMS 4.051
signal [adc counts]

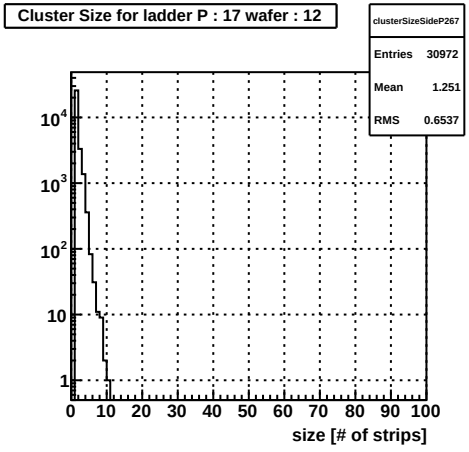

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2924
Mean 1.129
RMS 0.4409
size [# of strips]

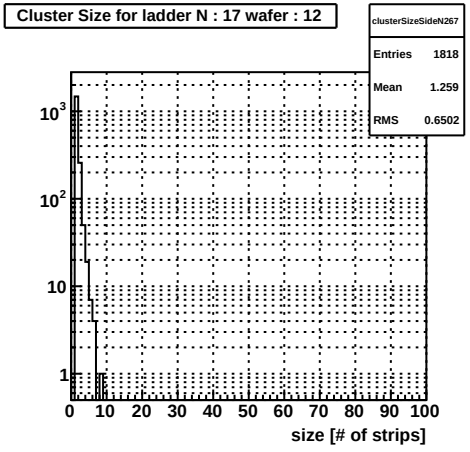

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1161
Mean 1.59
RMS 0.9116
size [# of strips]

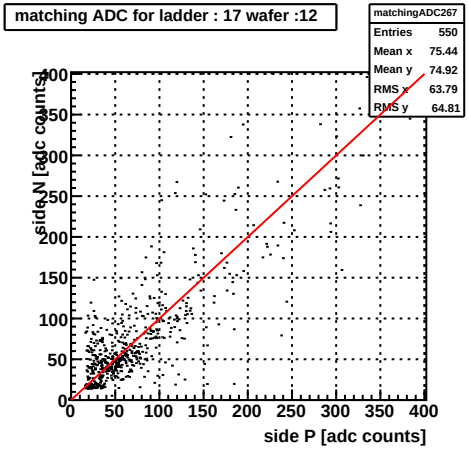

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 339
Mean x 84.63
Mean y 82.33
RMS x 60.55
RMS y 61.4
side N [adc counts]
side P [adc counts]

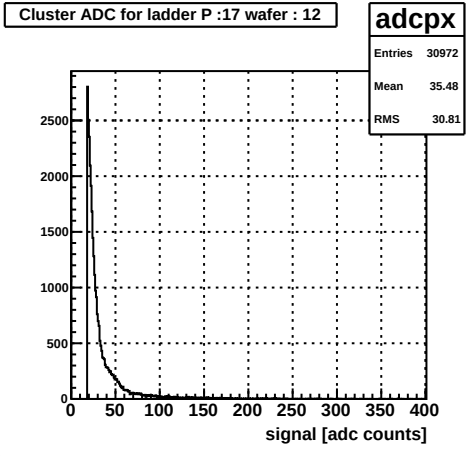

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2924
Mean 38.57
RMS 44.28
signal [adc counts]

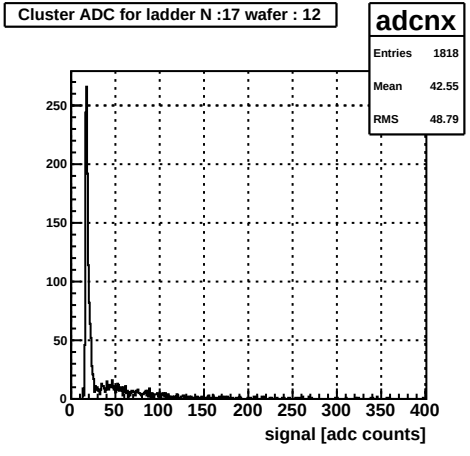

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1161
Mean 48.25
RMS 51.06
signal [adc counts]

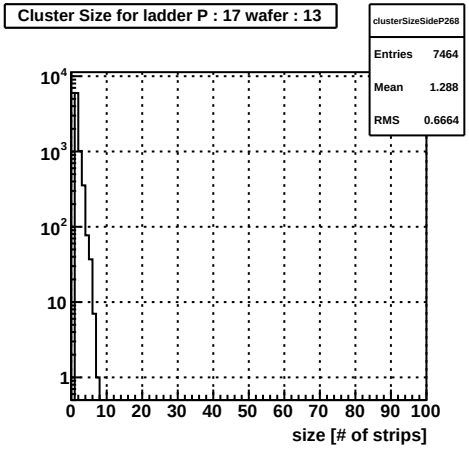

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 30972
Mean 1.251
RMS 0.6537
size [# of strips]

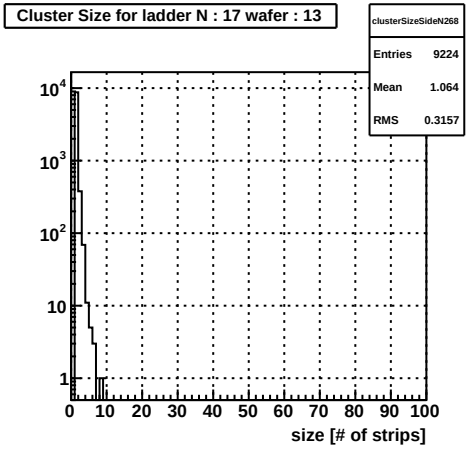

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1818
Mean 1.259
RMS 0.6502
size [# of strips]

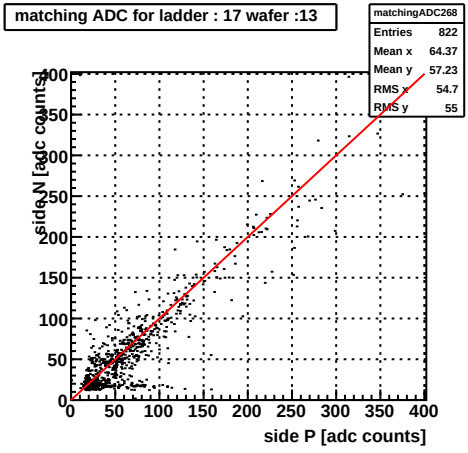

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 550
Mean x 75.44
Mean y 74.92
RMS x 63.79
RMS y 64.81
side N [adc counts]
side P [adc counts]

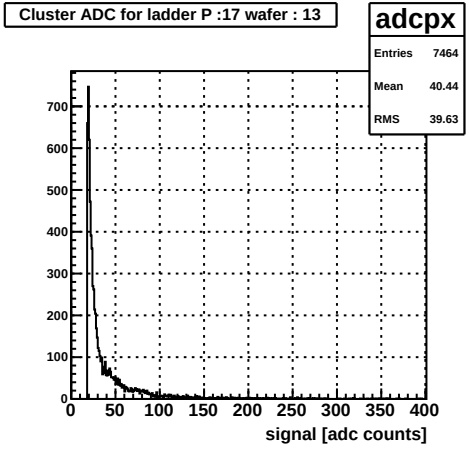

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 30972
Mean 35.48
RMS 30.81
signal [adc counts]

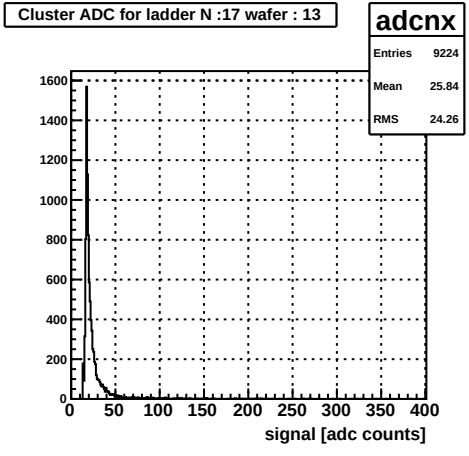

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1818
Mean 42.55
RMS 48.79
signal [adc counts]

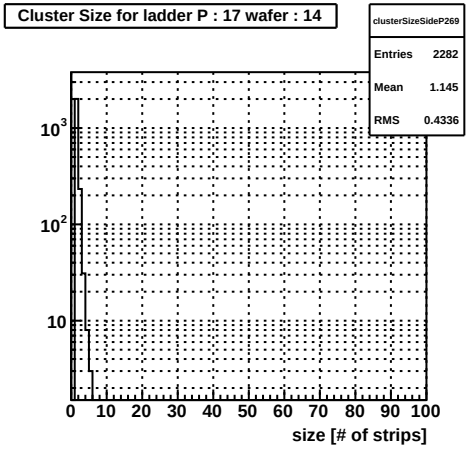

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7464
Mean 1.288
RMS 0.6664
size [# of strips]

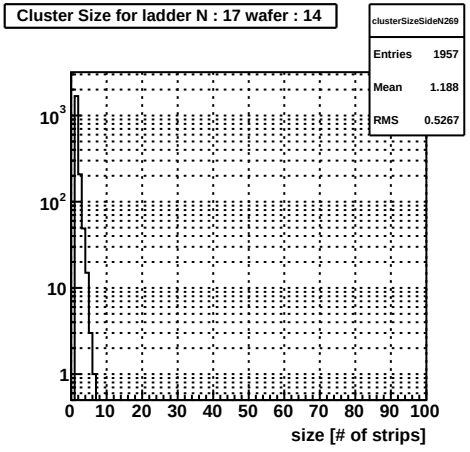

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9224
Mean 1.064
RMS 0.3157
size [# of strips]

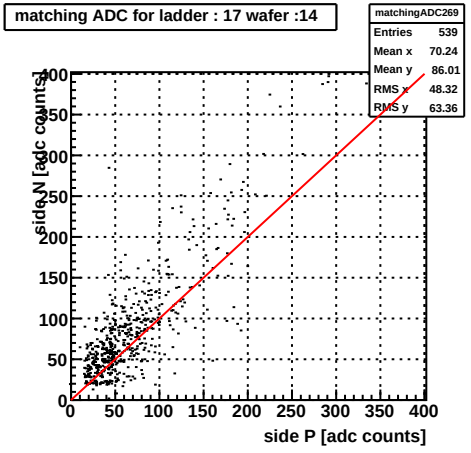

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 822
Mean x 64.37
Mean y 57.23
RMS x 54.7
RMS y 55
side N [adc counts]
side P [adc counts]

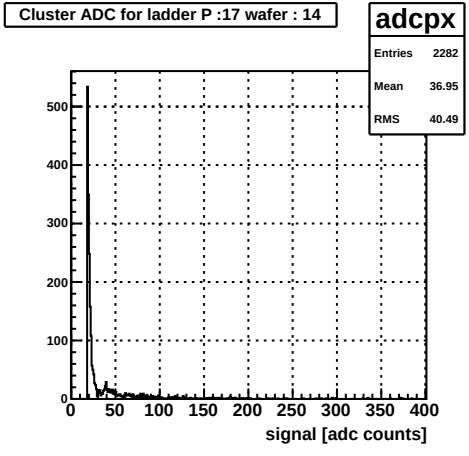

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7464
Mean 40.44
RMS 39.63
signal [adc counts]

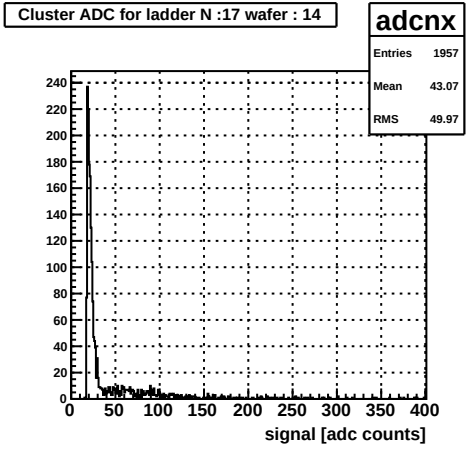

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9224
Mean 25.84
RMS 24.26
signal [adc counts]

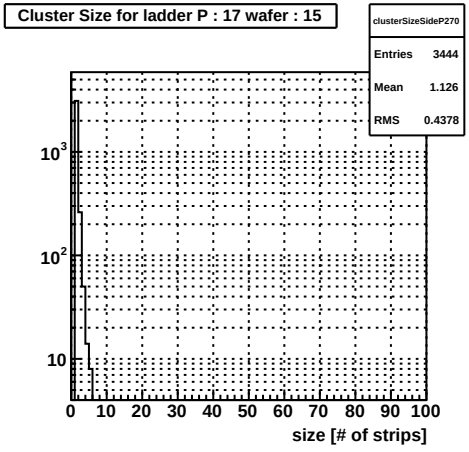

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2282
Mean 1.145
RMS 0.4336
size [# of strips]

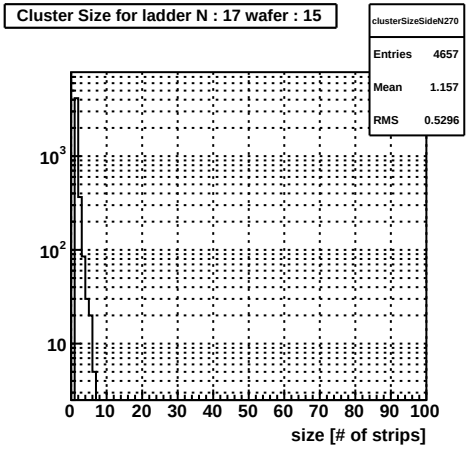

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1957
Mean 1.188
RMS 0.5267
size [# of strips]

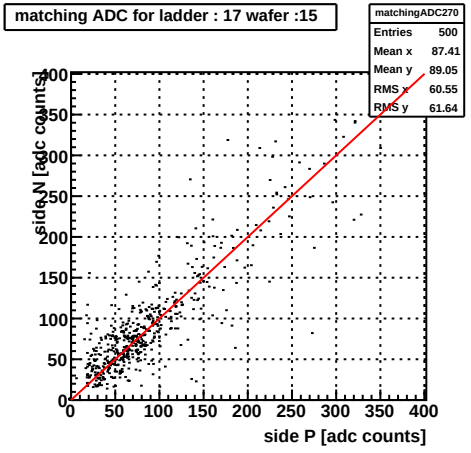

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 539
Mean x 70.24
Mean y 86.01
RMS x 48.32
RMS y 63.36
side N [adc counts]
side P [adc counts]

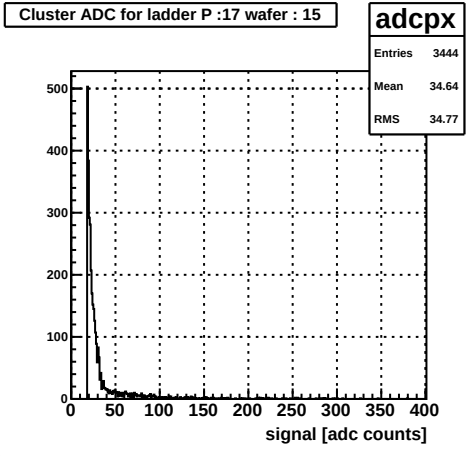

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2282
Mean 36.95
RMS 40.49
signal [adc counts]

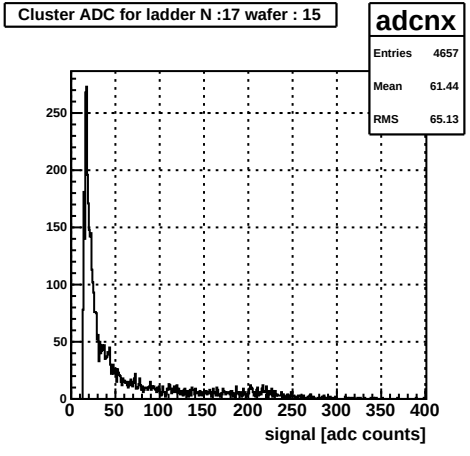

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1957
Mean 43.07
RMS 49.97
signal [adc counts]

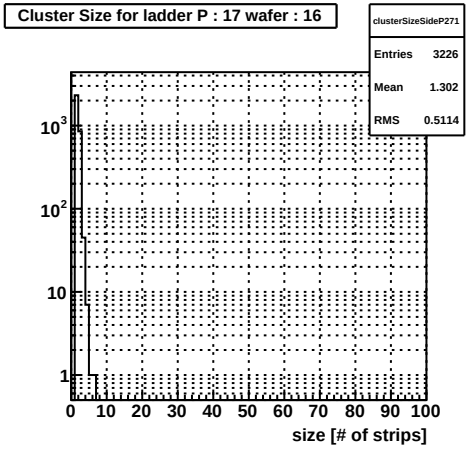

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3444
Mean 1.126
RMS 0.4378
size [# of strips]

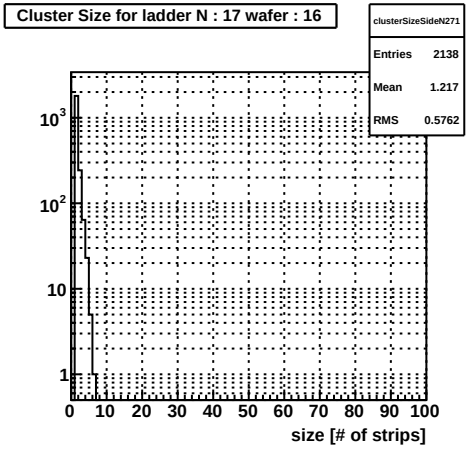

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4657
Mean 1.157
RMS 0.5296
size [# of strips]

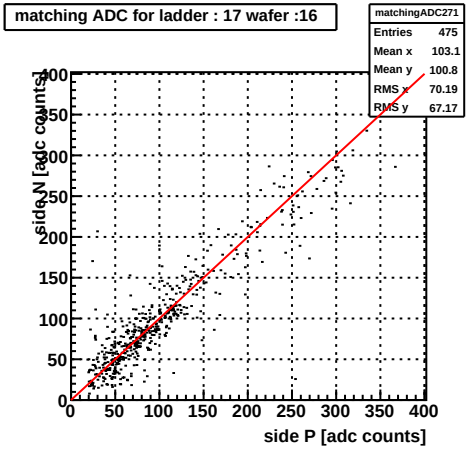

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 500
Mean x 87.41
Mean y 89.05
RMS x 60.55
RMS y 61.64
side N [adc counts]
side P [adc counts]

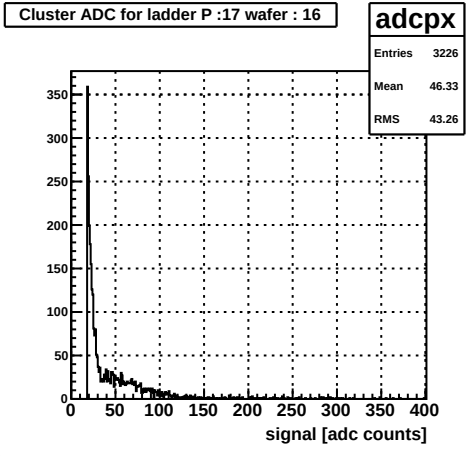

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3444
Mean 34.64
RMS 34.77
signal [adc counts]

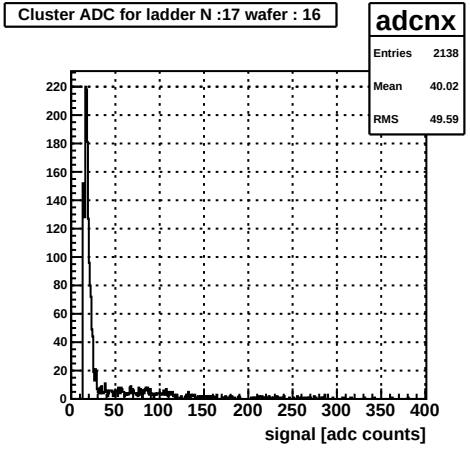

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4657
Mean 61.44
RMS 65.13
signal [adc counts]

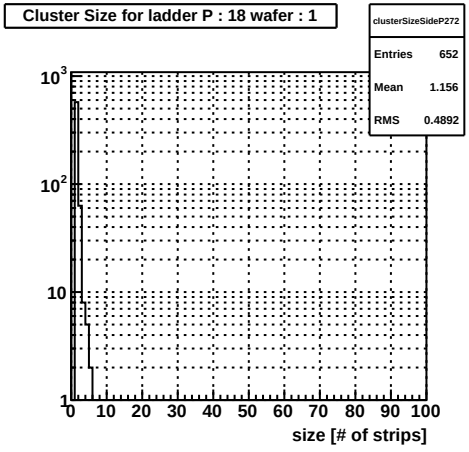

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3226
Mean 1.302
RMS 0.5114
size [# of strips]

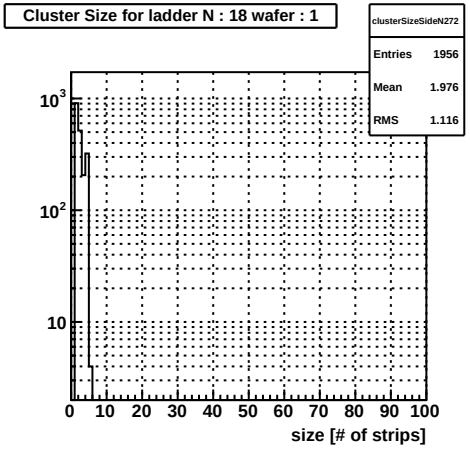

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2138
Mean 1.217
RMS 0.5762
size [# of strips]

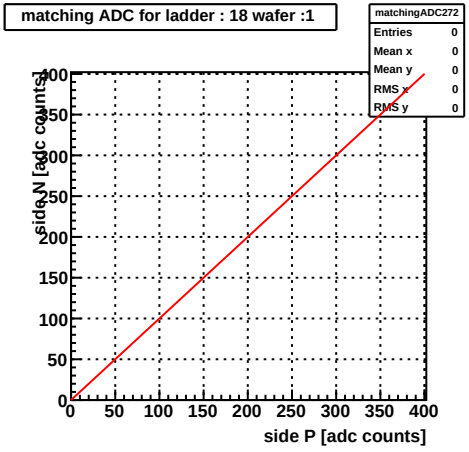

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 475
Mean x 103.1
Mean y 100.8
RMS x 70.19
RMS y 67.17
side N [adc counts]
side P [adc counts]

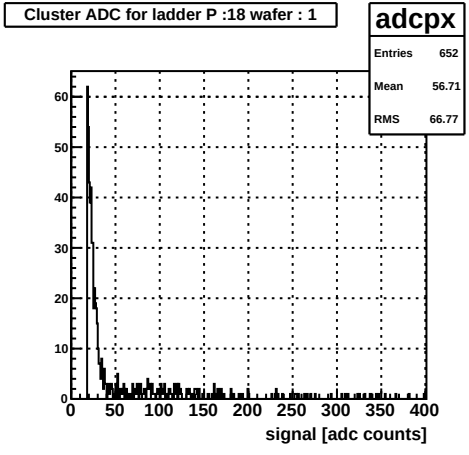

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3226
Mean 46.33
RMS 43.26
signal [adc counts]

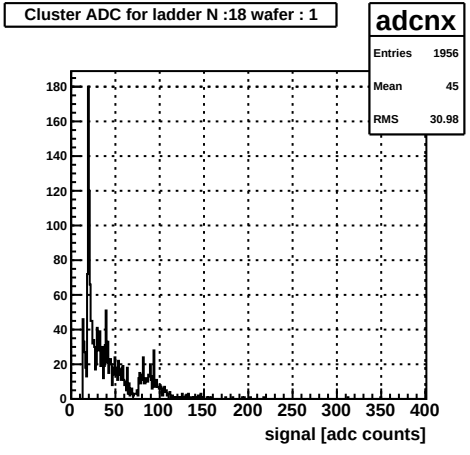

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2138
Mean 40.02
RMS 49.59
signal [adc counts]

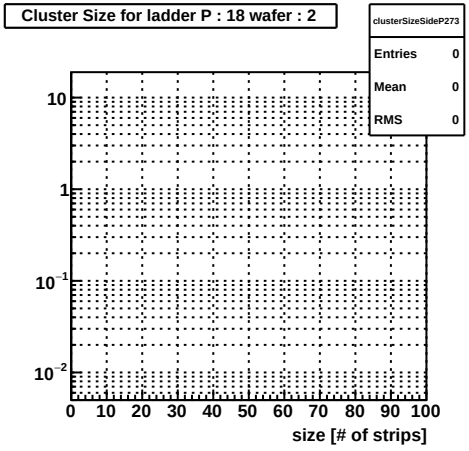

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 652
Mean 1.156
RMS 0.4892
size [# of strips]

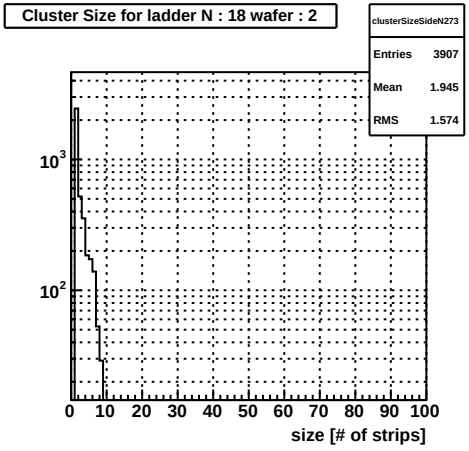

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1956
Mean 1.976
RMS 1.116
size [# of strips]

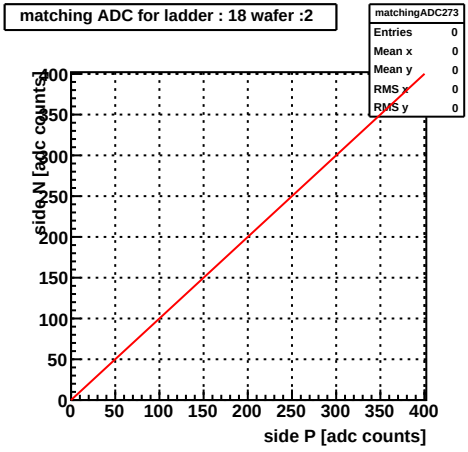

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

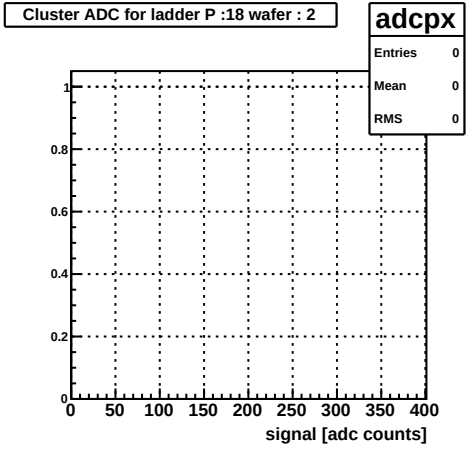

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 652
Mean 56.71
RMS 66.77
signal [adc counts]

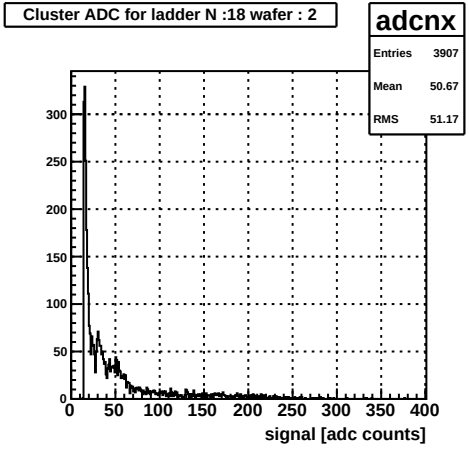

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1956
Mean 45
RMS 30.98
signal [adc counts]

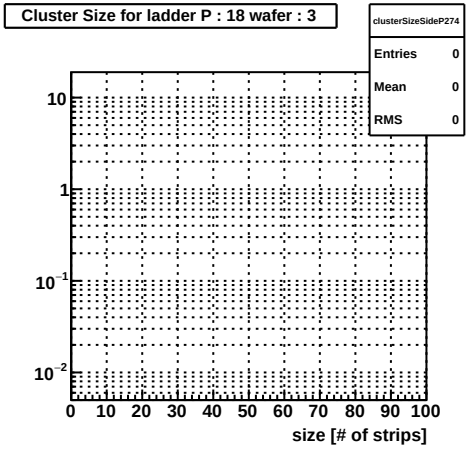

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

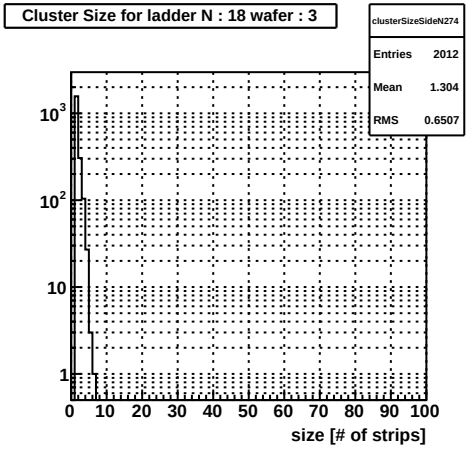

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3907
Mean 1.945
RMS 1.574
size [# of strips]

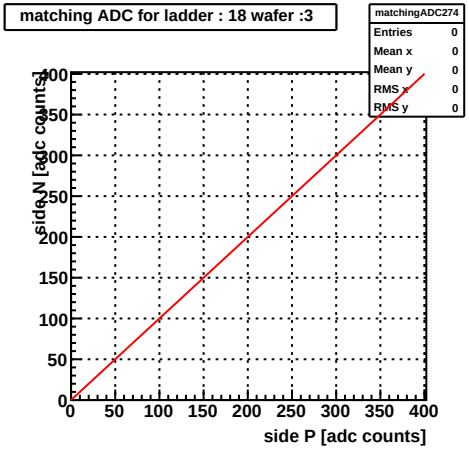

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

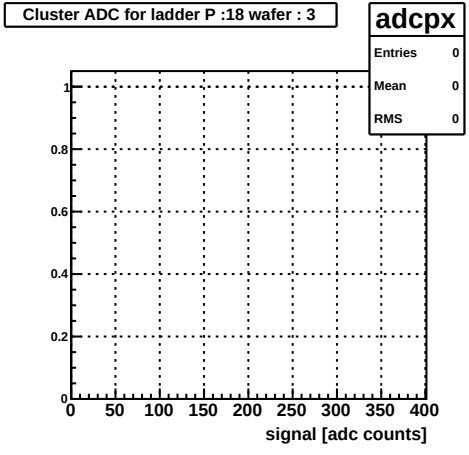

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

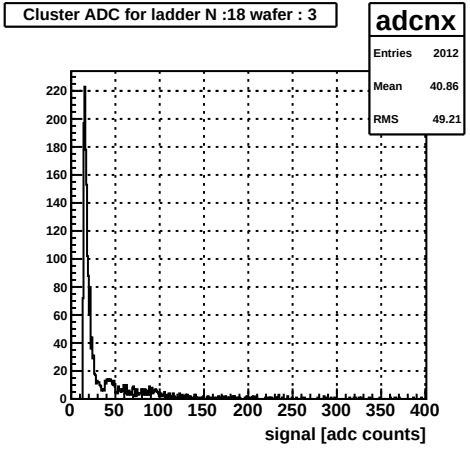

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3907
Mean 50.67
RMS 51.17
signal [adc counts]

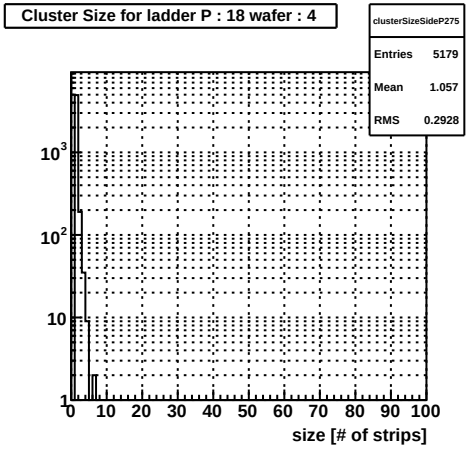

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

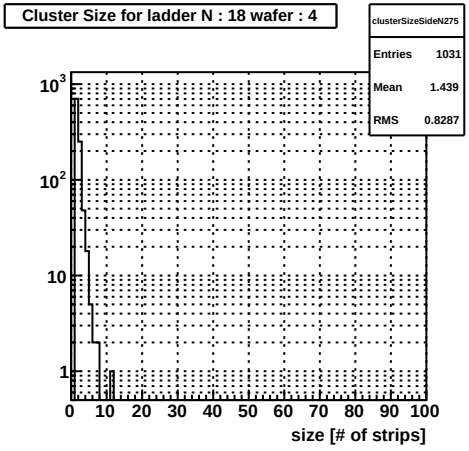

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2012
Mean 1.304
RMS 0.6507
size [# of strips]

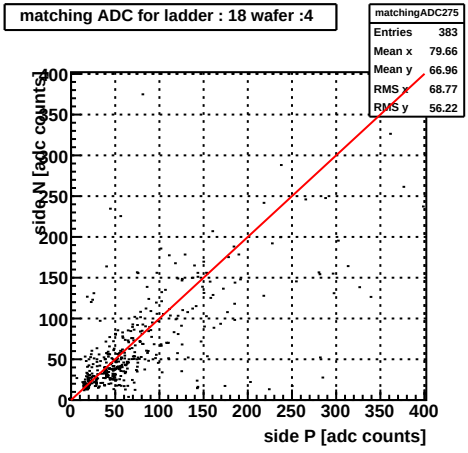

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

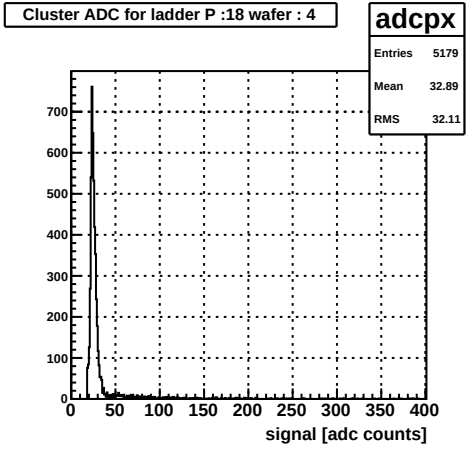

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

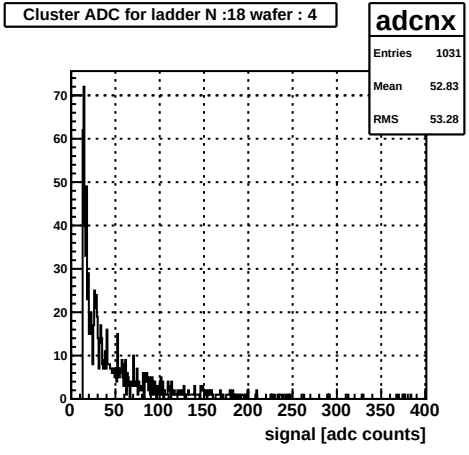

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2012
Mean 40.86
RMS 49.21
signal [adc counts]

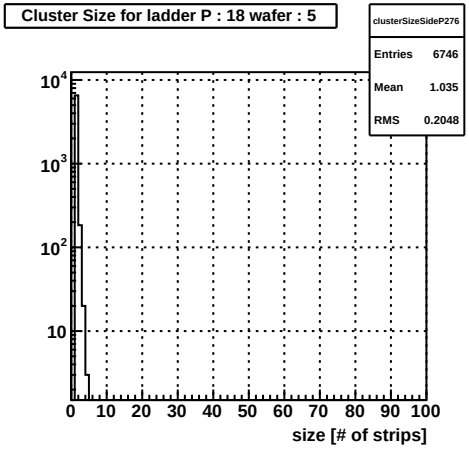

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 5179
Mean 1.057
RMS 0.2928
size [# of strips]

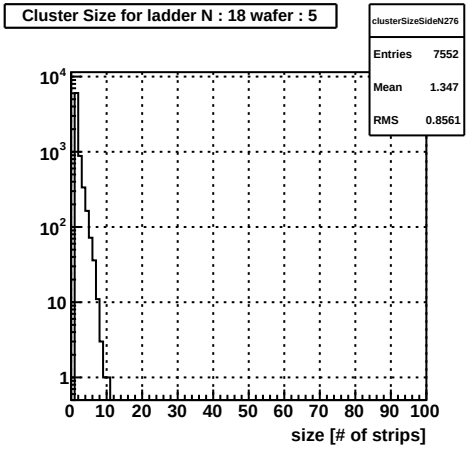

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1031
Mean 1.439
RMS 0.8287
size [# of strips]

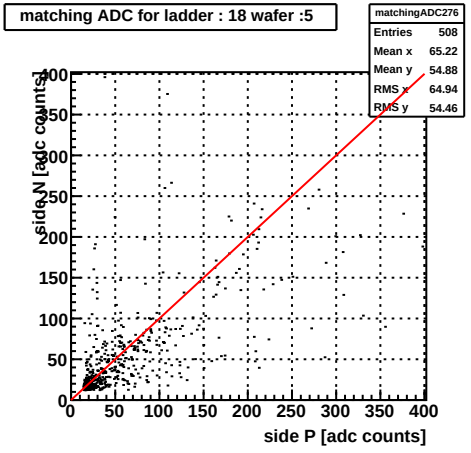

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 383
Mean x 79.66
Mean y 66.96
RMS x 68.77
RMS y 56.22
side N [adc counts]
side P [adc counts]

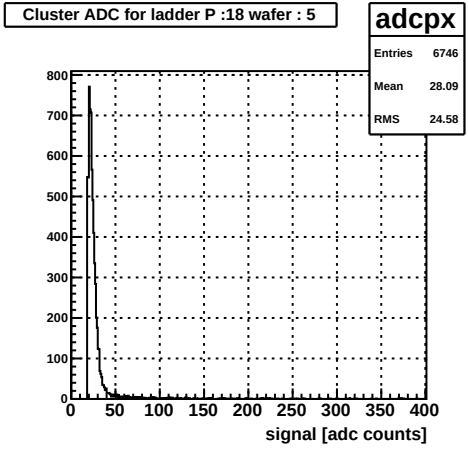

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 5179
Mean 32.89
RMS 32.11
signal [adc counts]

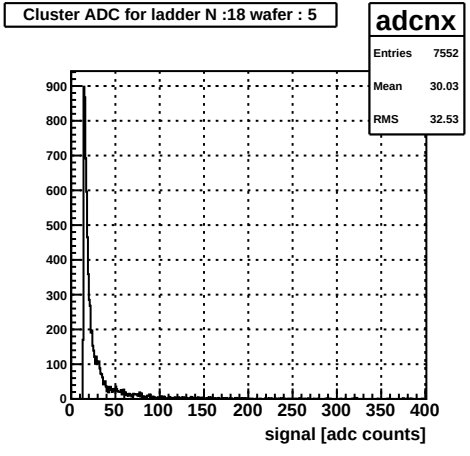

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1031
Mean 52.83
RMS 53.28
signal [adc counts]

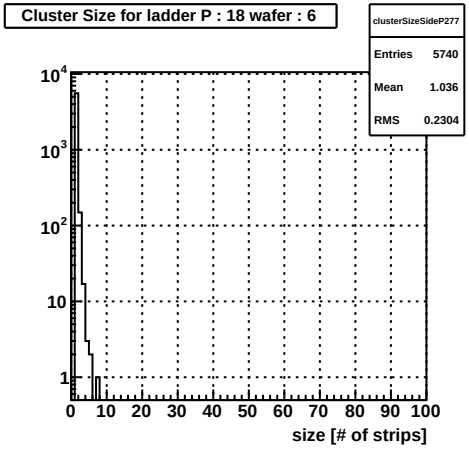

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6746
Mean 1.035
RMS 0.2048
size [# of strips]

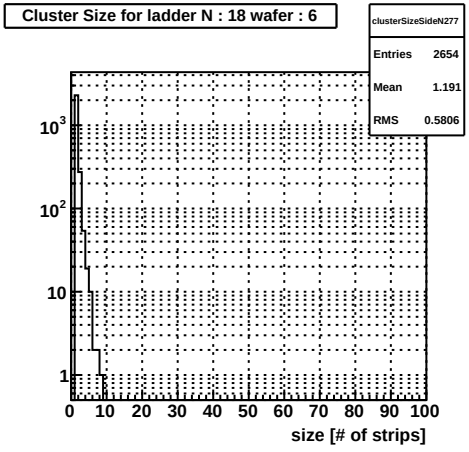

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7552
Mean 1.347
RMS 0.8561
size [# of strips]

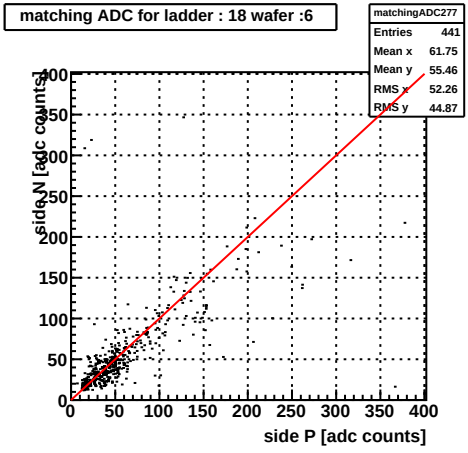

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 508
Mean x 65.22
Mean y 54.88
RMS x 64.94
RMS y 54.46
side N [adc counts]
side P [adc counts]

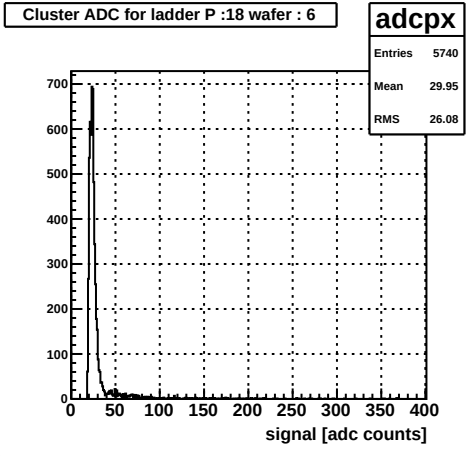

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6746
Mean 28.09
RMS 24.58
signal [adc counts]

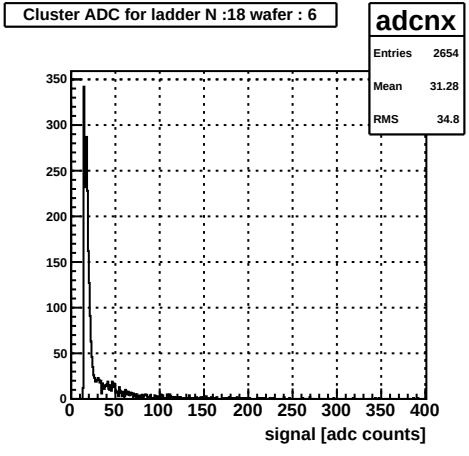

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7552
Mean 30.03
RMS 32.53
signal [adc counts]

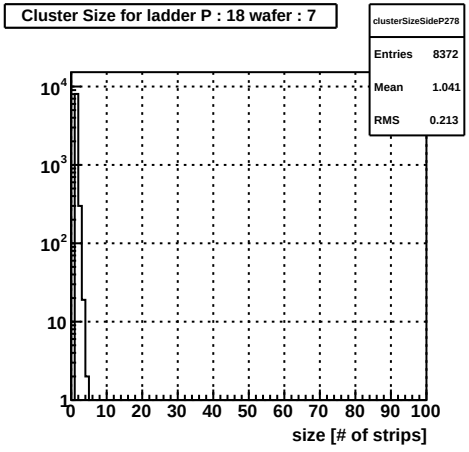

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5740
Mean 1.036
RMS 0.2304
size [# of strips]

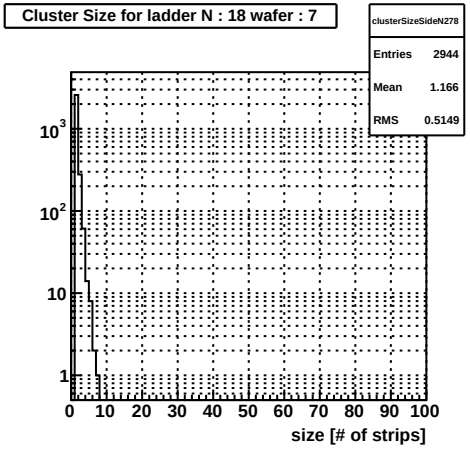

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2654
Mean 1.191
RMS 0.5806
size [# of strips]

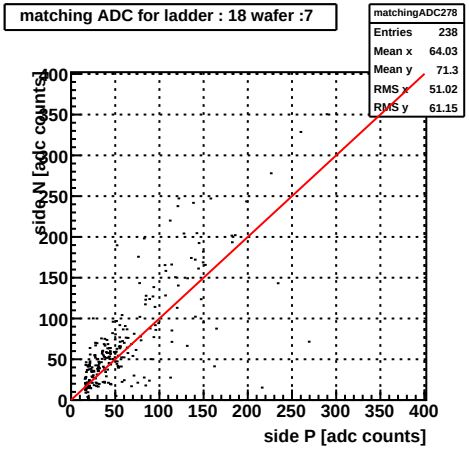

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 441
Mean x 61.75
Mean y 55.46
RMS x 52.26
RMS y 44.87
side N [adc counts]
side P [adc counts]

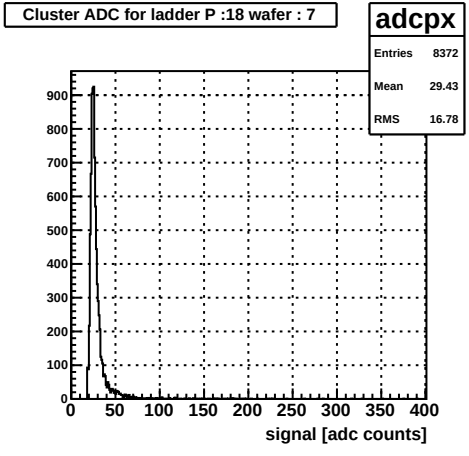

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5740
Mean 29.95
RMS 26.08
signal [adc counts]

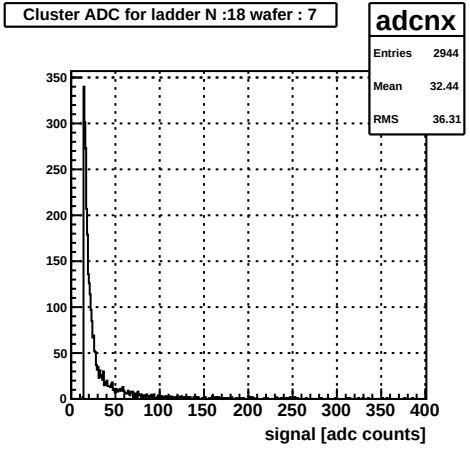

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2654
Mean 31.28
RMS 34.8
signal [adc counts]

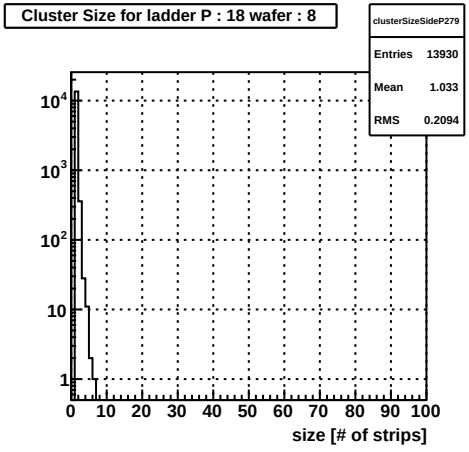

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 8372
Mean 1.041
RMS 0.213
size [# of strips]

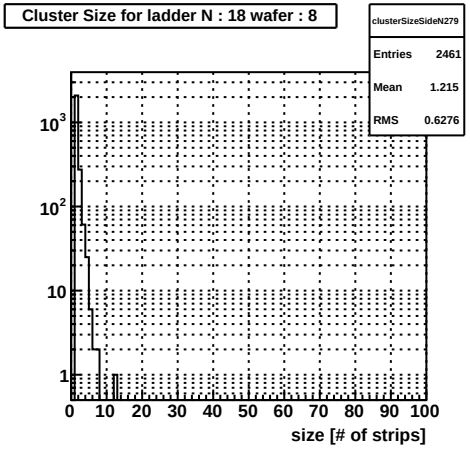

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2944
Mean 1.166
RMS 0.5149
size [# of strips]

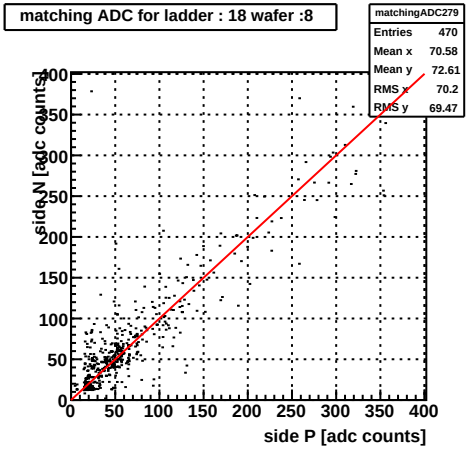

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 238
Mean x 64.03
Mean y 71.3
RMS x 51.02
RMS y 61.15
side N [adc counts]
side P [adc counts]

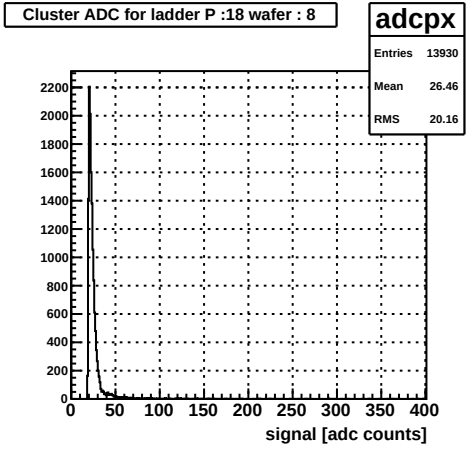

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 8372
Mean 29.43
RMS 16.78
signal [adc counts]

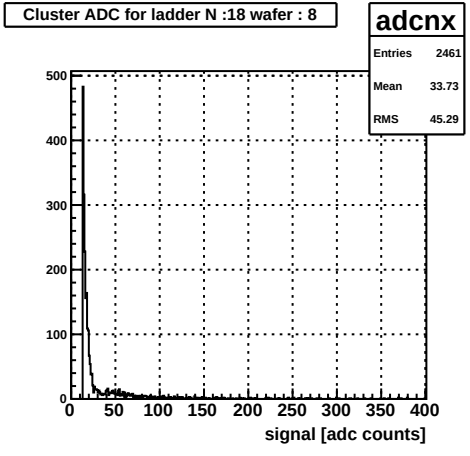

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2944
Mean 32.44
RMS 36.31
signal [adc counts]

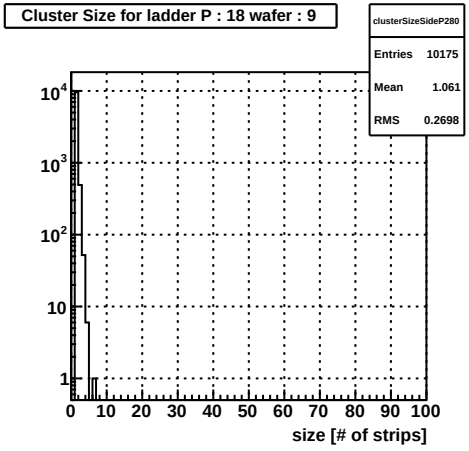

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13930
Mean 1.033
RMS 0.2094
size [# of strips]

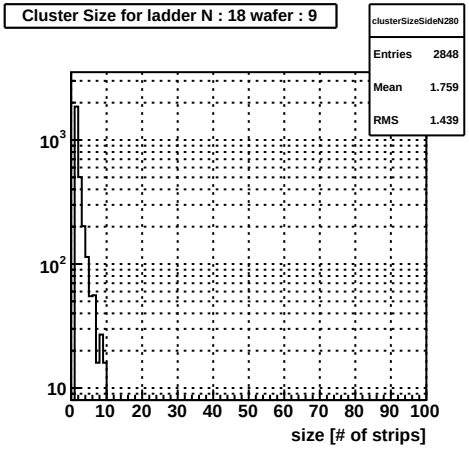

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2461
Mean 1.215
RMS 0.6276
size [# of strips]

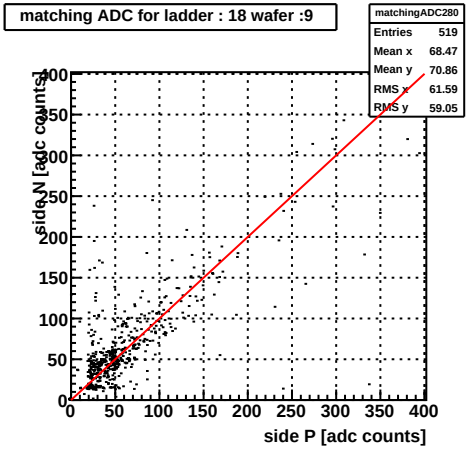

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 470
Mean x 70.58
Mean y 72.61
RMS x 70.2
RMS y 69.47
side N [adc counts]
side P [adc counts]

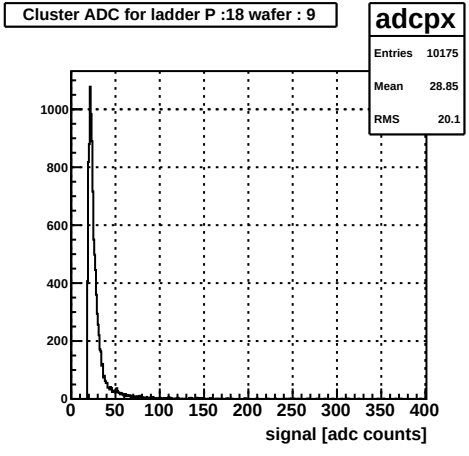

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13930
Mean 26.46
RMS 20.16
signal [adc counts]

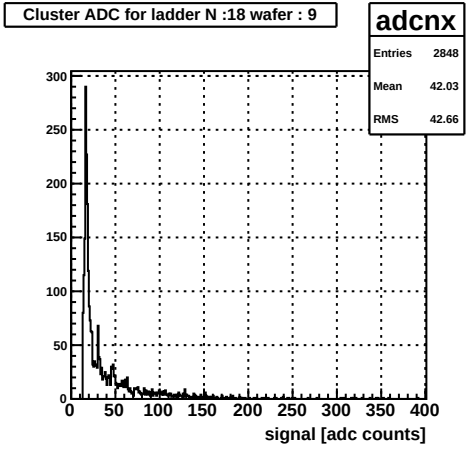

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2461
Mean 33.73
RMS 45.29
signal [adc counts]

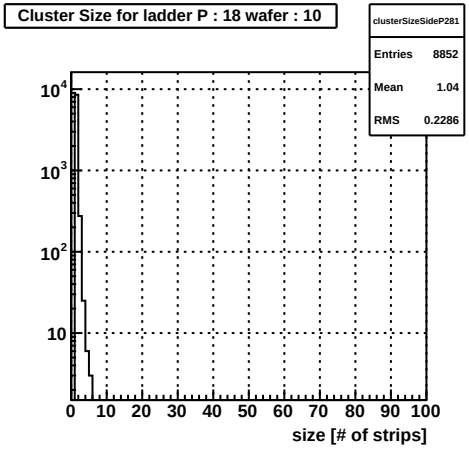

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10175
Mean 1.061
RMS 0.2698
size [# of strips]

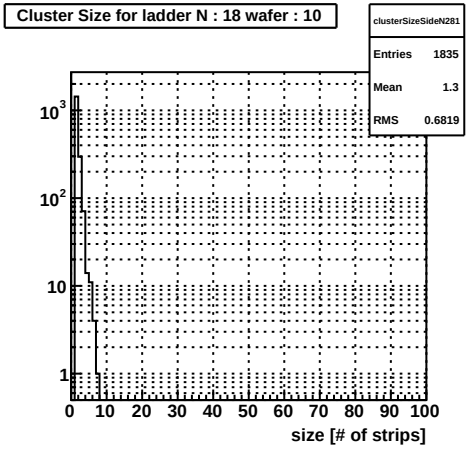

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2848
Mean 1.759
RMS 1.439
size [# of strips]

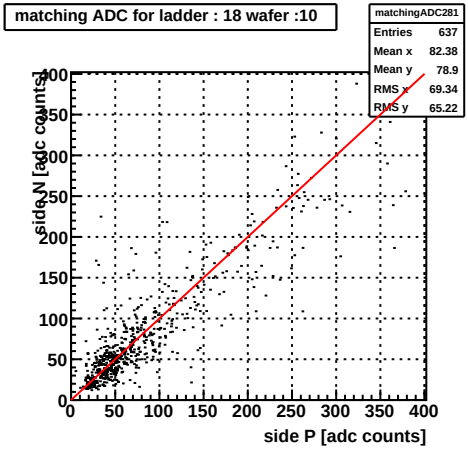

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 519
Mean x 68.47
Mean y 70.86
RMS x 61.59
RMS y 59.05
side N [adc counts]
side P [adc counts]

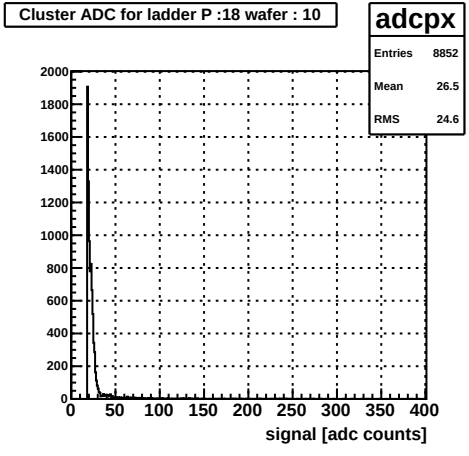

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10175
Mean 28.85
RMS 20.1
signal [adc counts]

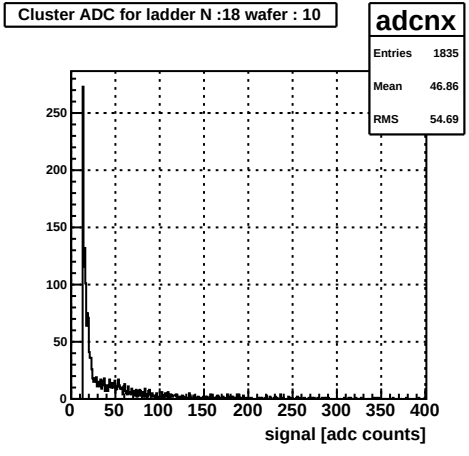

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2848
Mean 42.03
RMS 42.66
signal [adc counts]

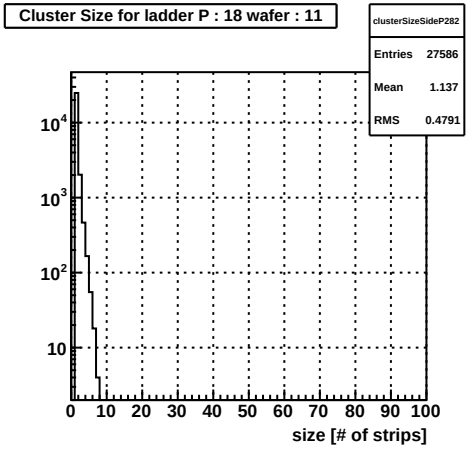

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8852
Mean 1.04
RMS 0.2286
size [# of strips]

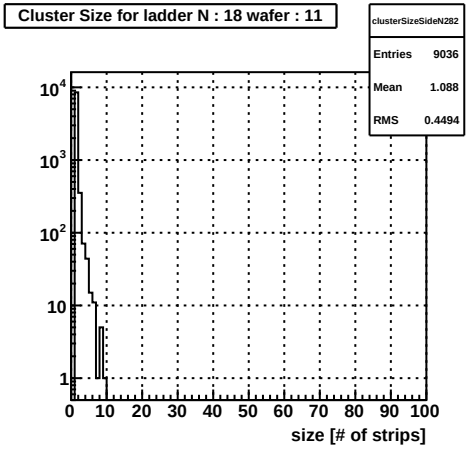

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1835
Mean 1.3
RMS 0.6819
size [# of strips]

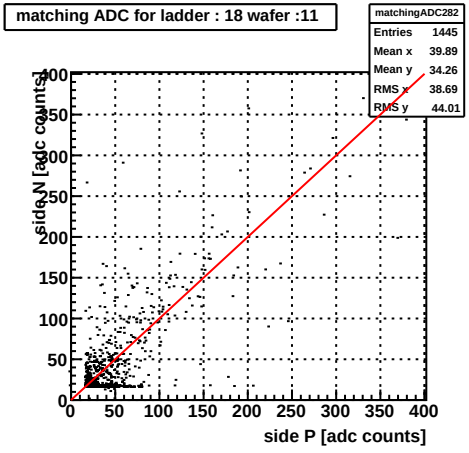

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 637
Mean x 82.38
Mean y 78.9
RMS x 69.34
RMS y 65.22
side N [adc counts]
side P [adc counts]

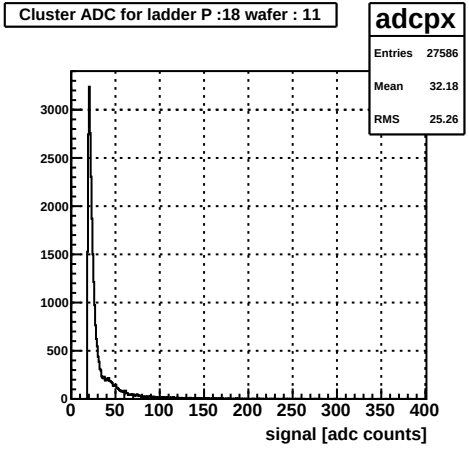

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8852
Mean 26.5
RMS 24.6
signal [adc counts]

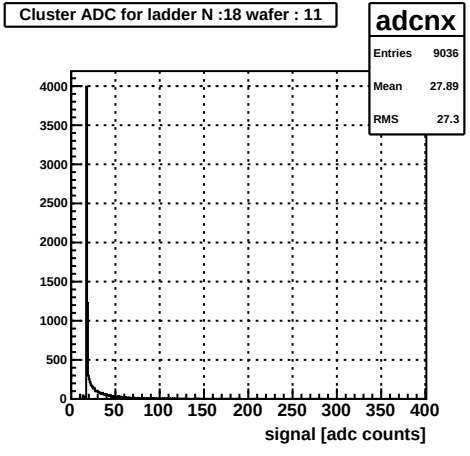

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1835
Mean 46.86
RMS 54.69
signal [adc counts]

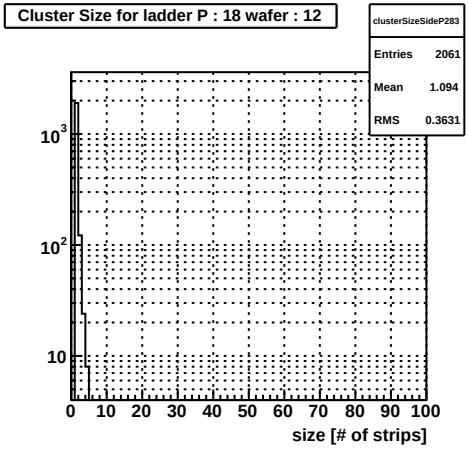

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 27586
Mean 1.137
RMS 0.4791
size [# of strips]

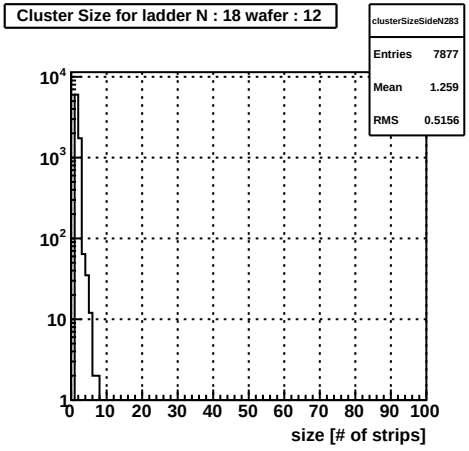

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9036
Mean 1.088
RMS 0.4494
size [# of strips]

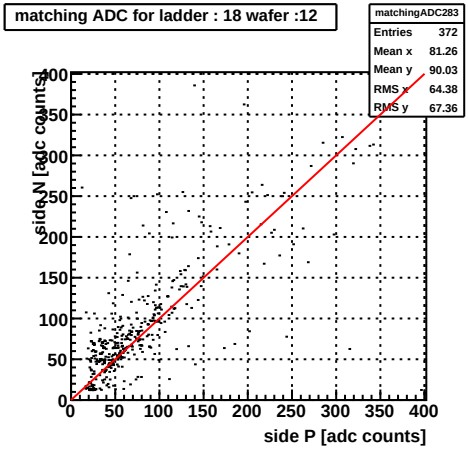

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1445
Mean x 39.89
Mean y 34.26
RMS x 38.69
RMS y 44.01
side N [adc counts]
side P [adc counts]

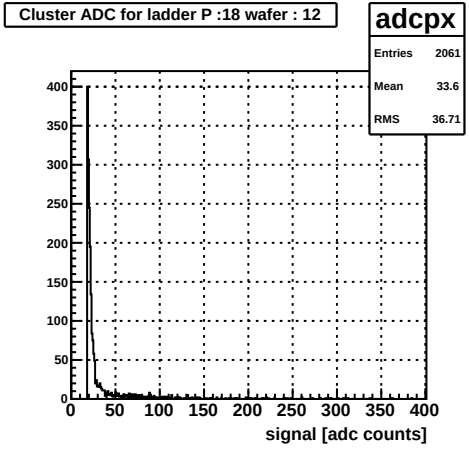

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 27586
Mean 32.18
RMS 25.26
signal [adc counts]

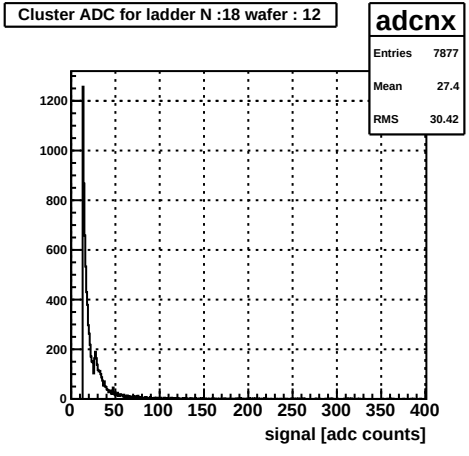

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9036
Mean 27.89
RMS 27.3
signal [adc counts]

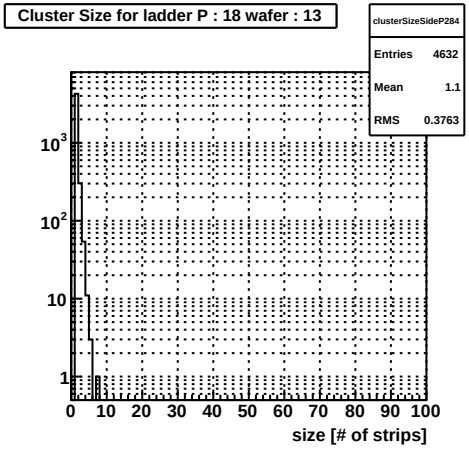

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2061
Mean 1.094
RMS 0.3631
size [# of strips]

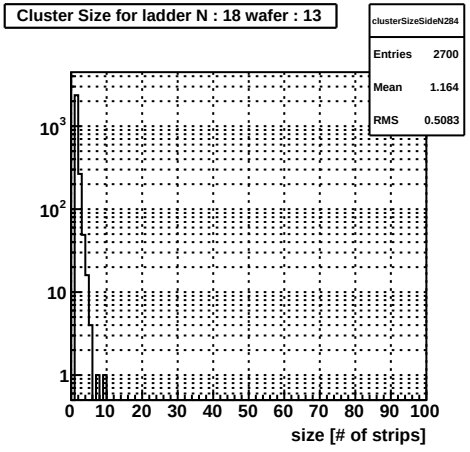

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7877
Mean 1.259
RMS 0.5156
size [# of strips]

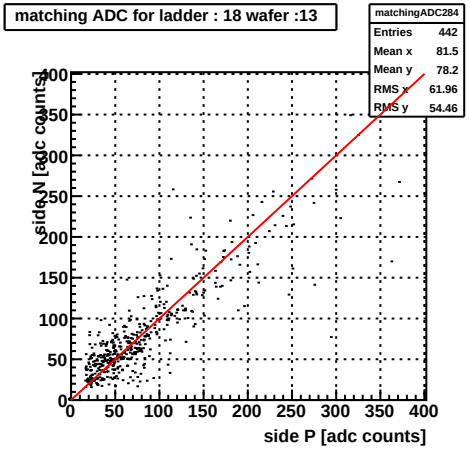

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 372
Mean x 81.26
Mean y 90.03
RMS x 64.38
RMS y 67.36
side N [adc counts]
side P [adc counts]

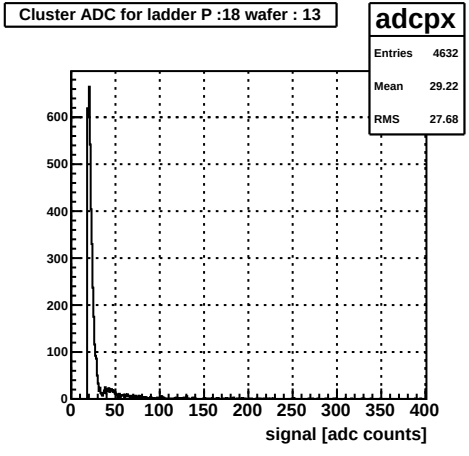

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2061
Mean 33.6
RMS 36.71
signal [adc counts]

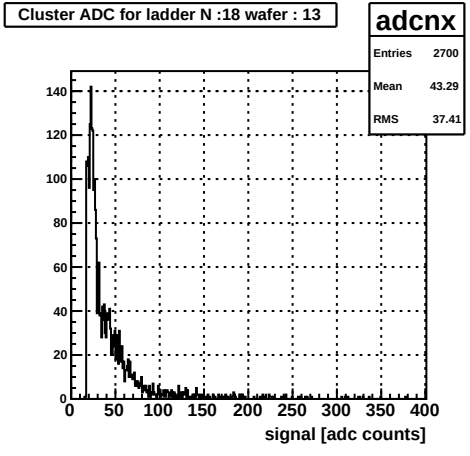

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7877
Mean 27.4
RMS 30.42
signal [adc counts]

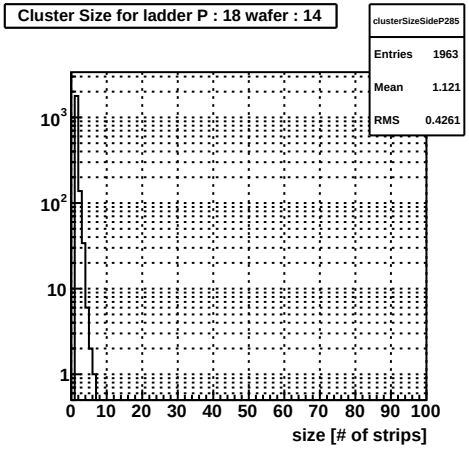

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4632
Mean 1.1
RMS 0.3763
size [# of strips]

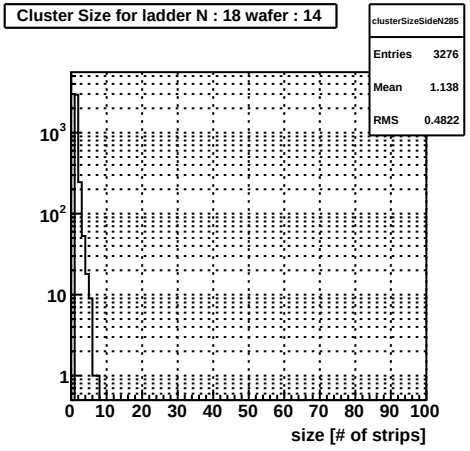

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2700
Mean 1.164
RMS 0.5083
size [# of strips]

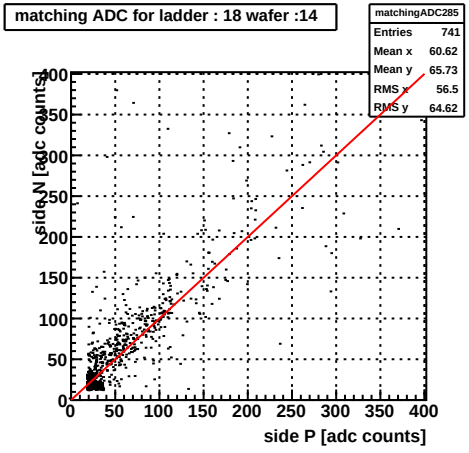

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 442
Mean x 81.5
Mean y 78.2
RMS x 61.96
RMS y 54.46
side N [adc counts]
side P [adc counts]

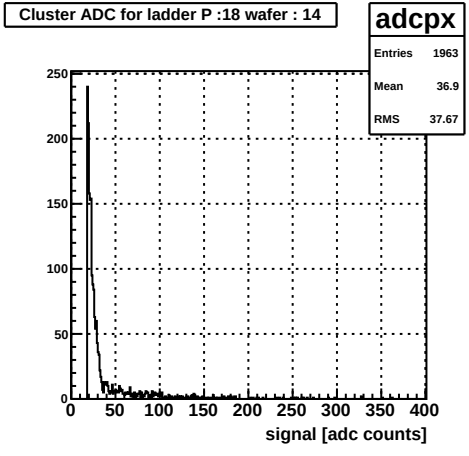

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4632
Mean 29.22
RMS 27.68
signal [adc counts]

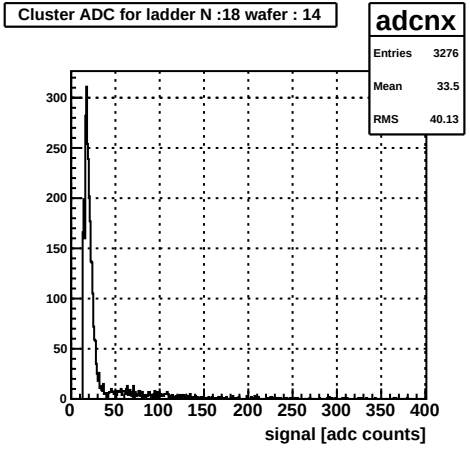

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2700
Mean 43.29
RMS 37.41
signal [adc counts]

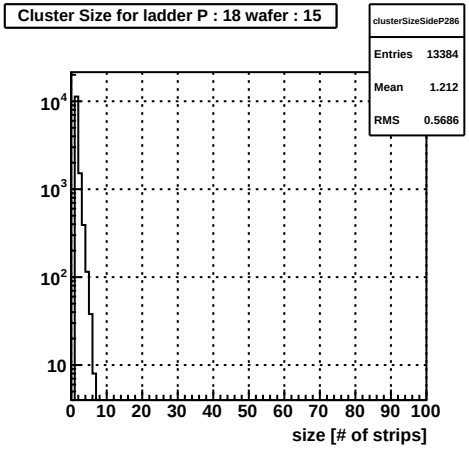

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1963
Mean 1.121
RMS 0.4261
size [# of strips]

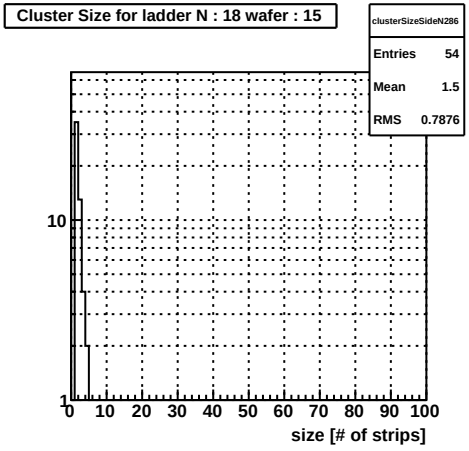

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3276
Mean 1.138
RMS 0.4822
size [# of strips]

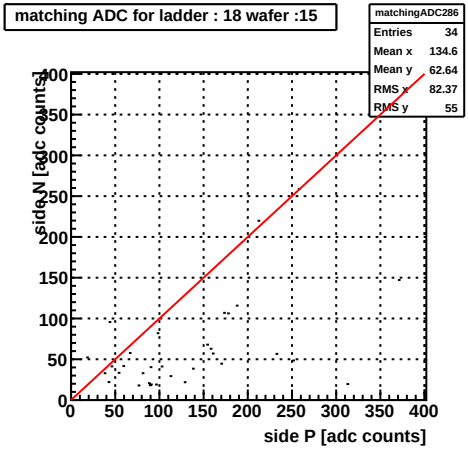

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 741
Mean x 60.62
Mean y 65.73
RMS x 56.5
RMS y 64.62
side N [adc counts]
side P [adc counts]

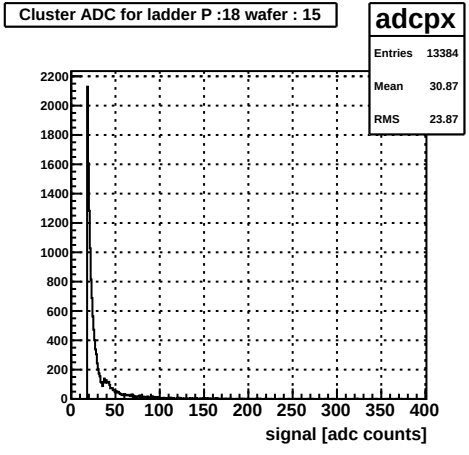

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1963
Mean 36.9
RMS 37.67
signal [adc counts]

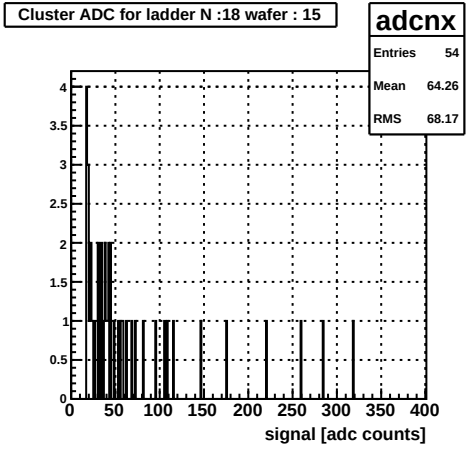

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3276
Mean 33.5
RMS 40.13
signal [adc counts]

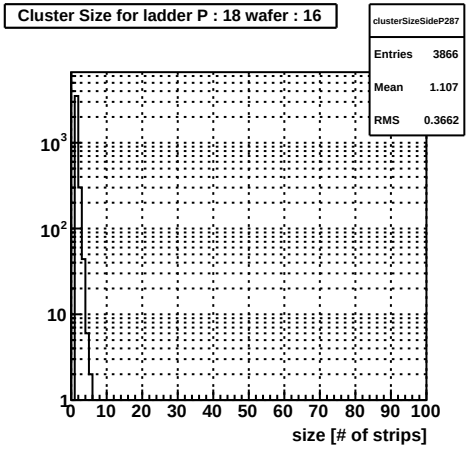

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 13384
Mean 1.212
RMS 0.5686
size [# of strips]

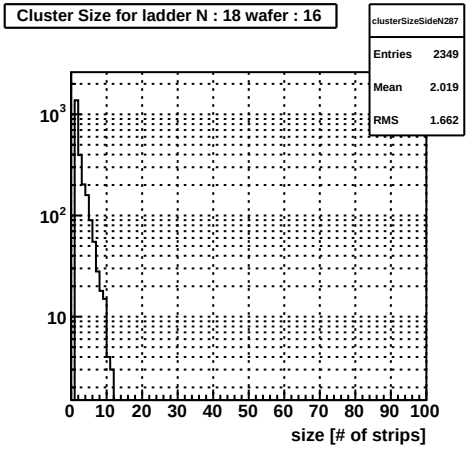

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 54
Mean 1.5
RMS 0.7876
size [# of strips]

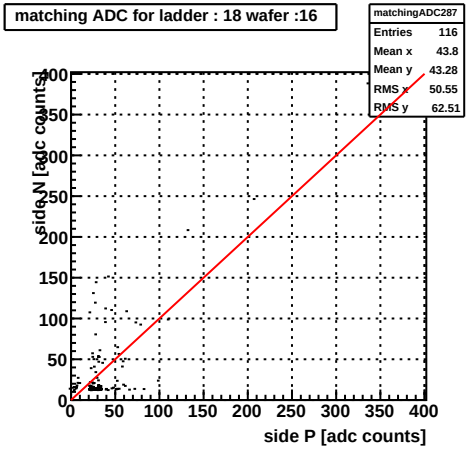

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 34
Mean x 134.6
Mean y 62.64
RMS x 82.37
RMS y 55
side N [adc counts]
side P [adc counts]

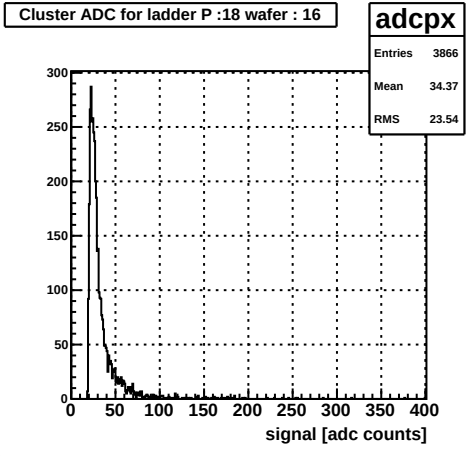

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 13384
Mean 30.87
RMS 23.87
signal [adc counts]

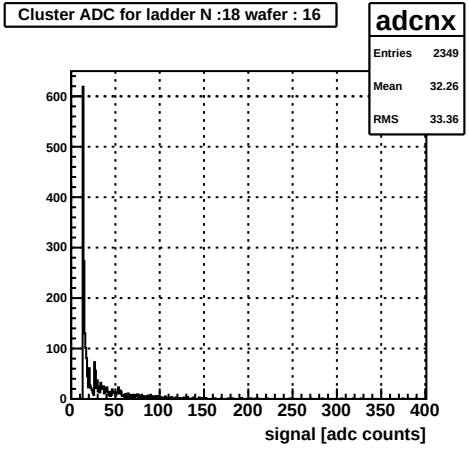

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 54
Mean 64.26
RMS 68.17
signal [adc counts]

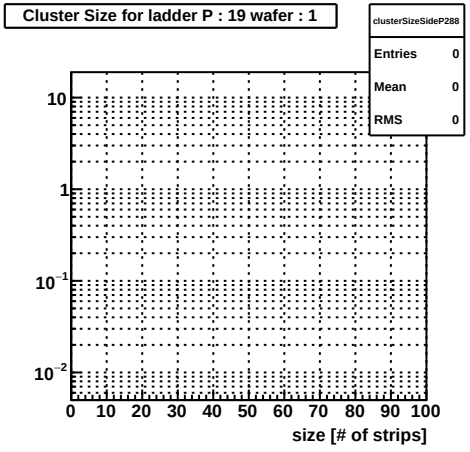

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3866
Mean 1.107
RMS 0.3662
size [# of strips]

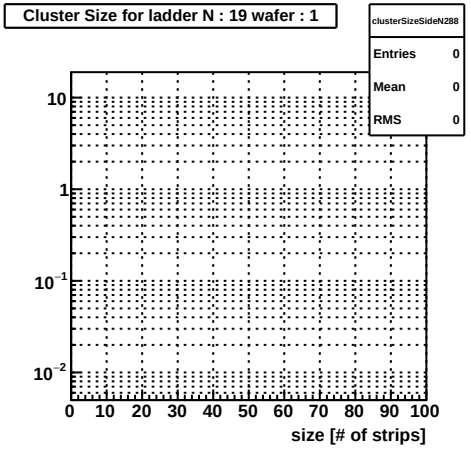

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2349
Mean 2.019
RMS 1.662
size [# of strips]

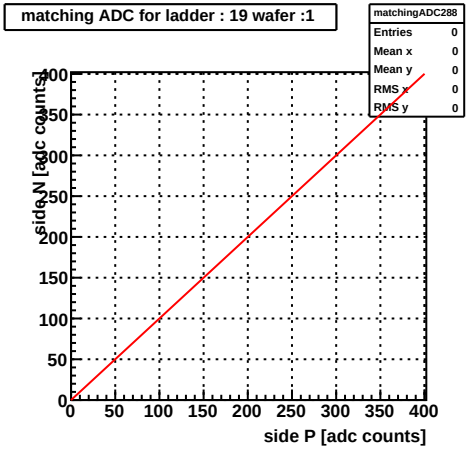

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 116
Mean x 43.8
Mean y 43.28
RMS x 50.55
RMS y 62.51
side N [adc counts]
side P [adc counts]

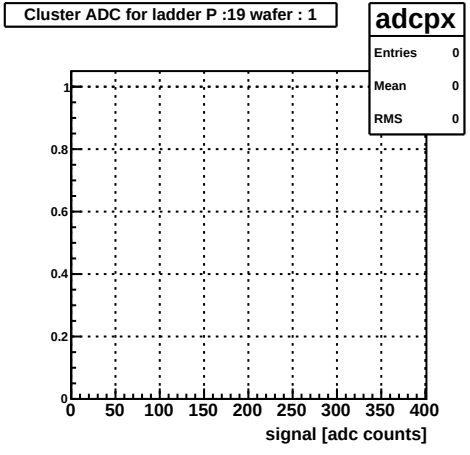

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3866
Mean 34.37
RMS 23.54
signal [adc counts]

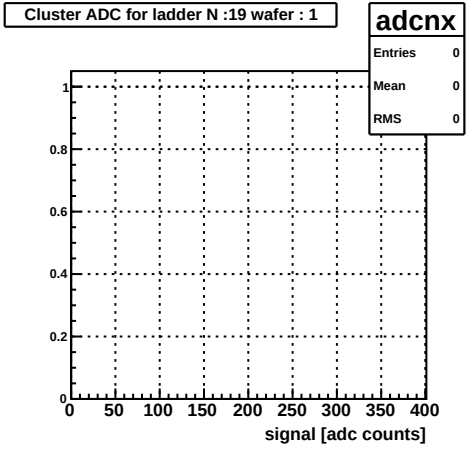

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2349
Mean 32.26
RMS 33.36
signal [adc counts]

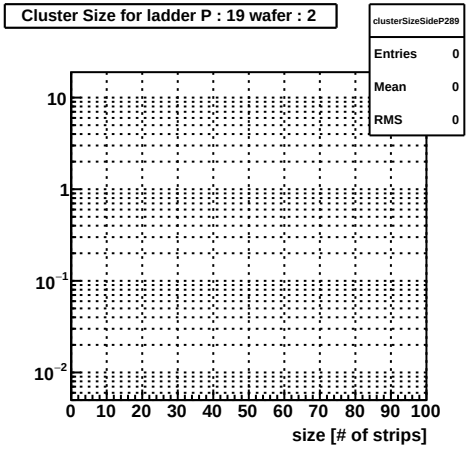

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

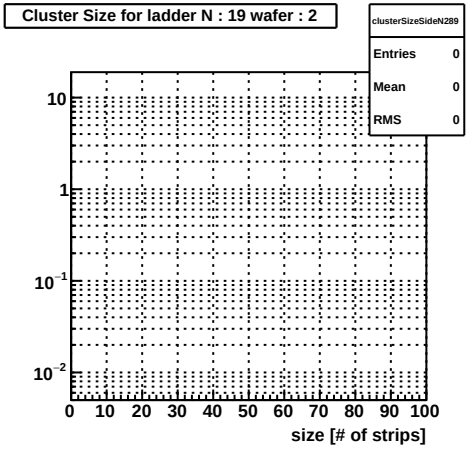

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

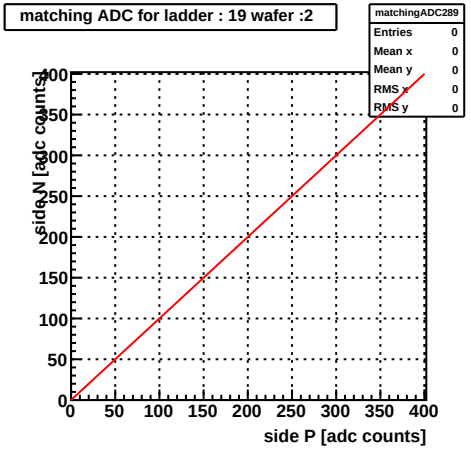

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

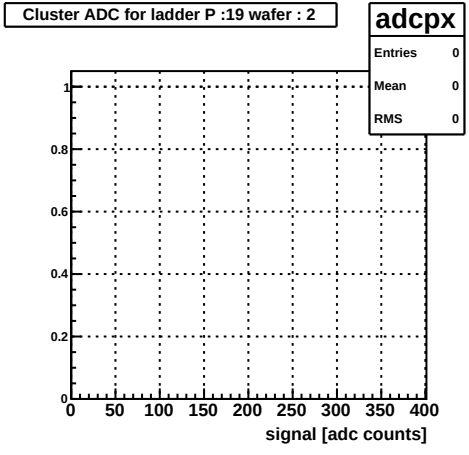

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

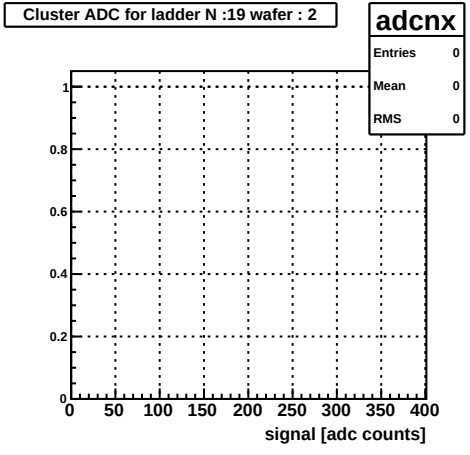

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

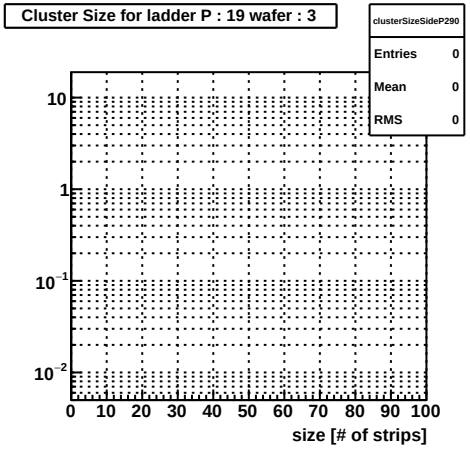

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

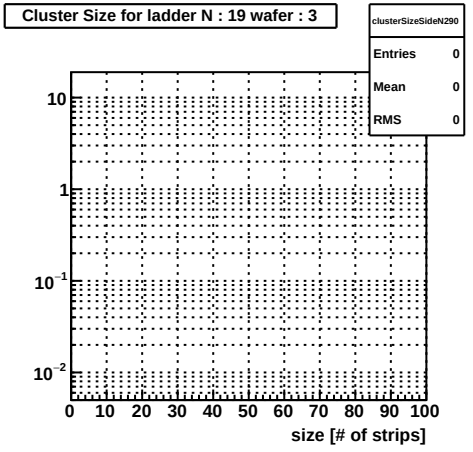

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

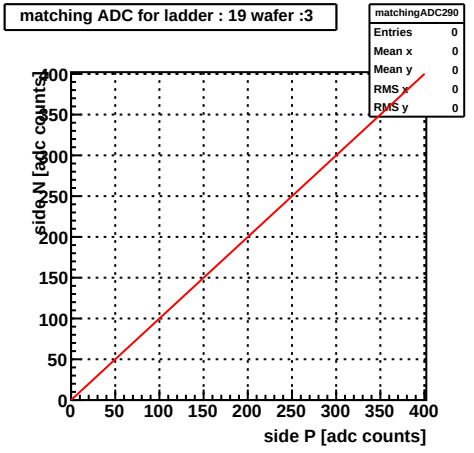

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

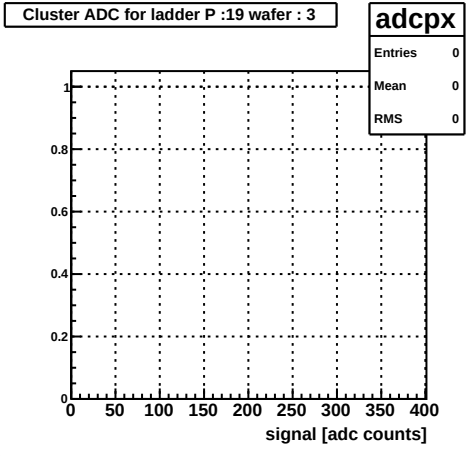

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

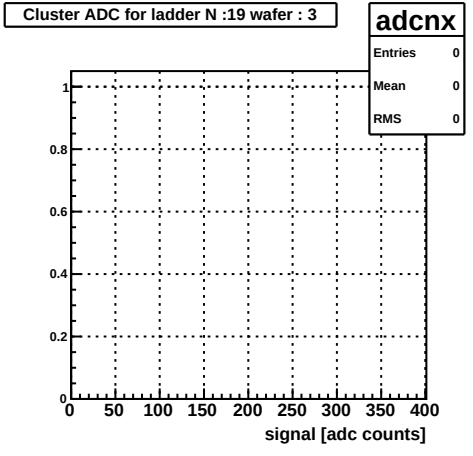

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

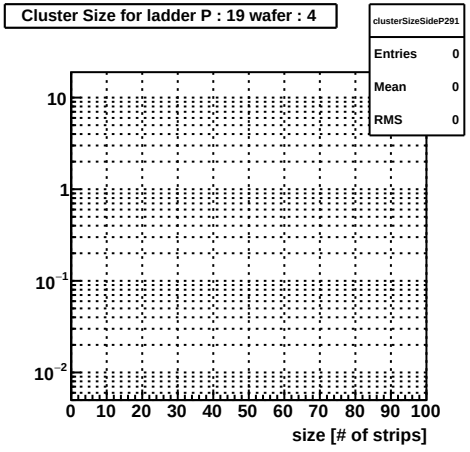

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

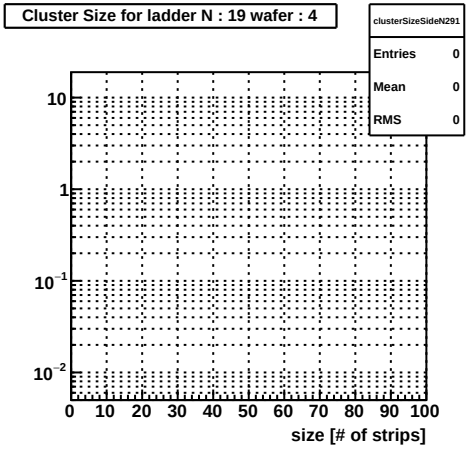

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

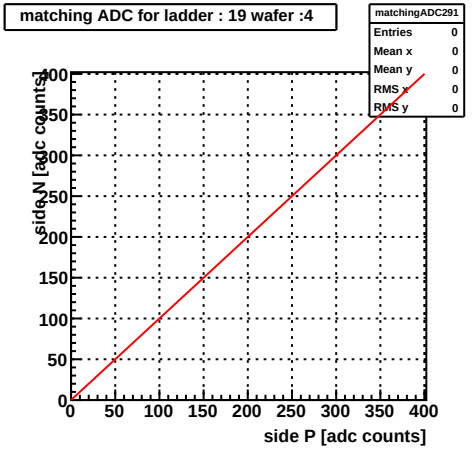

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

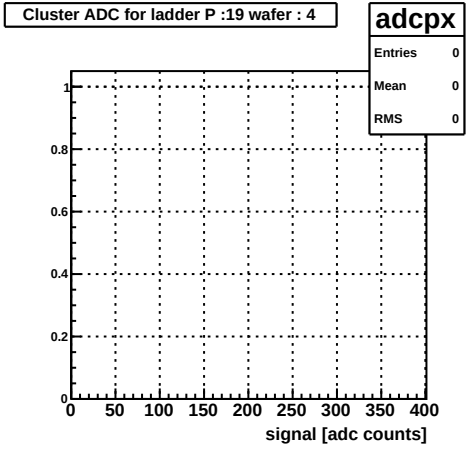

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

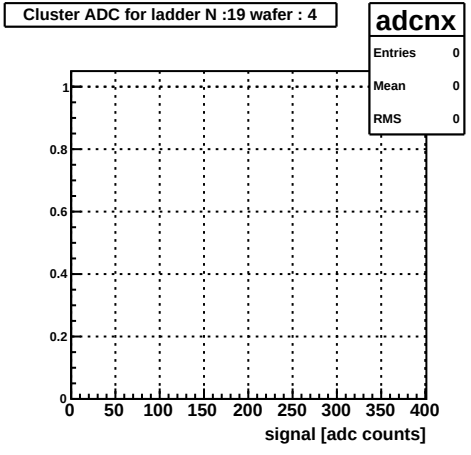

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

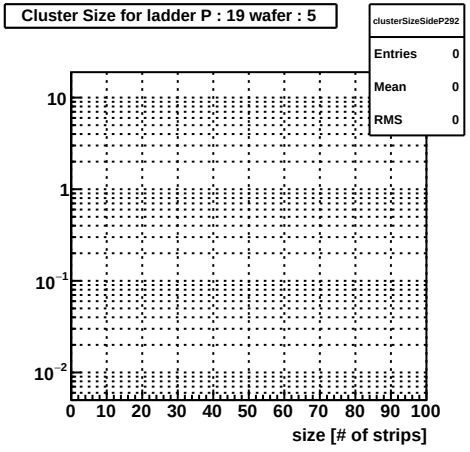

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

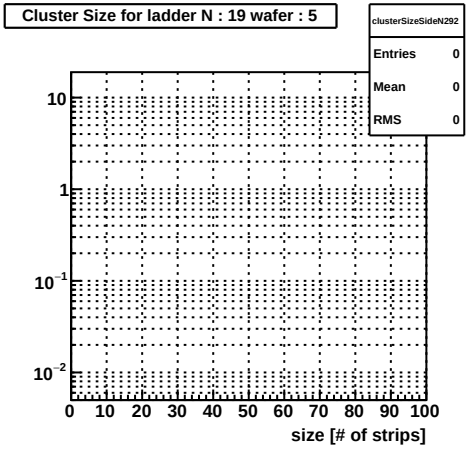

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

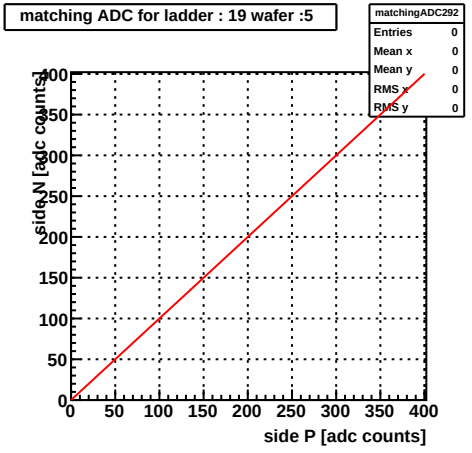

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

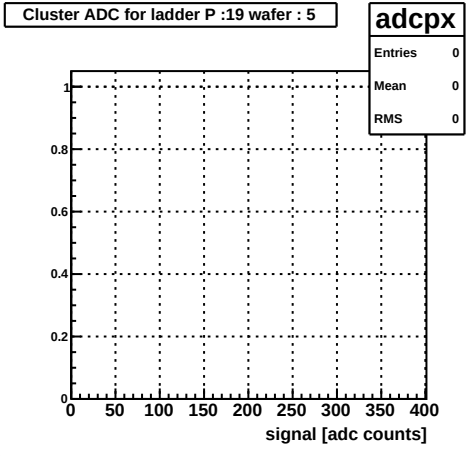

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

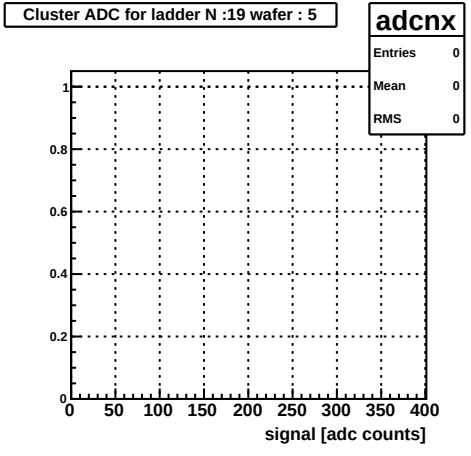

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

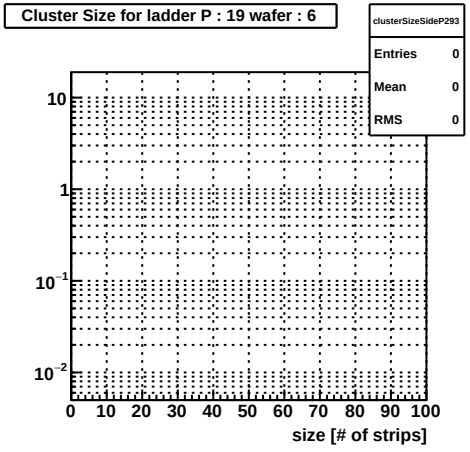

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

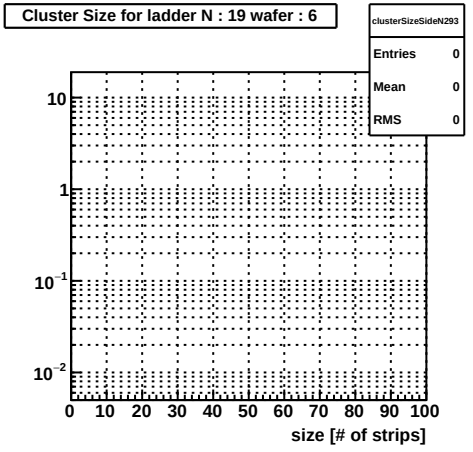

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

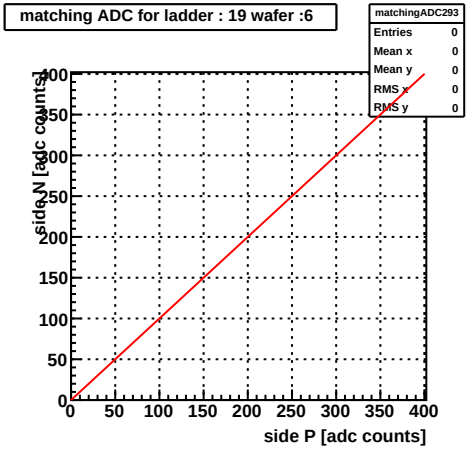

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

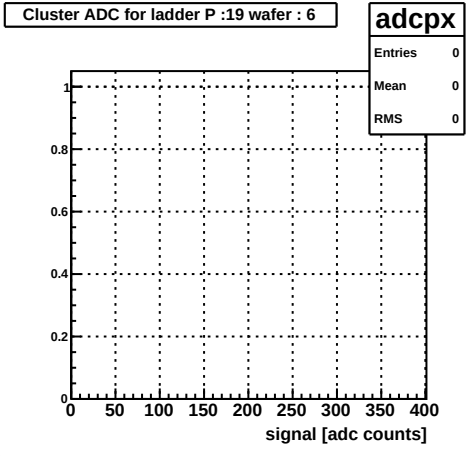

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

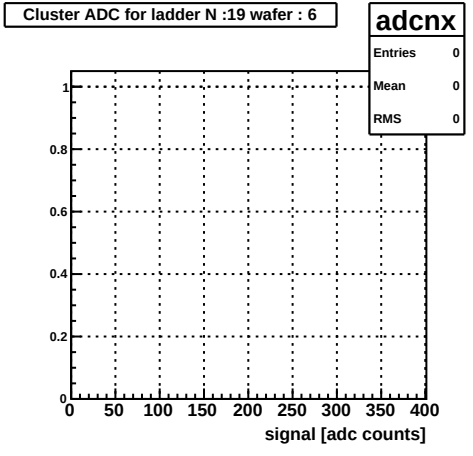

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

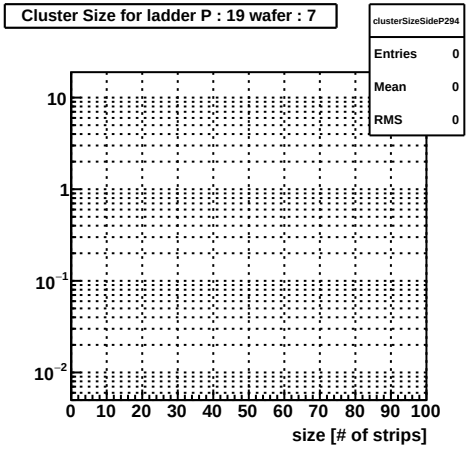

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

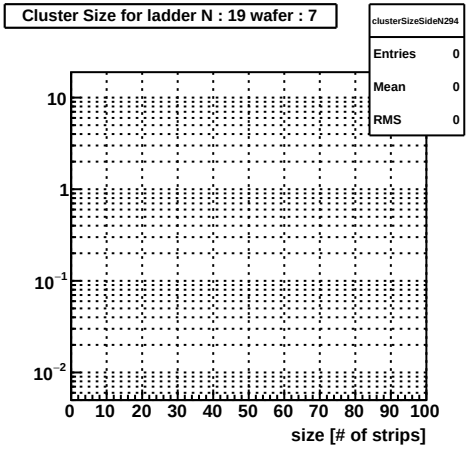

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

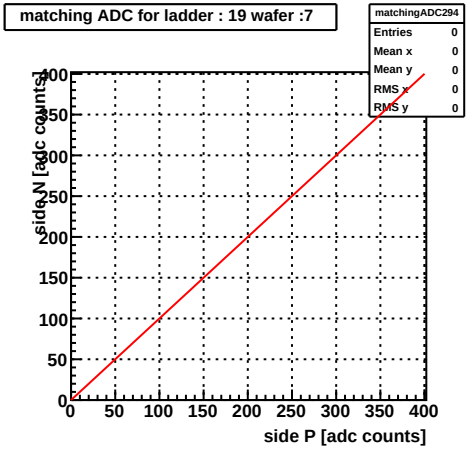

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

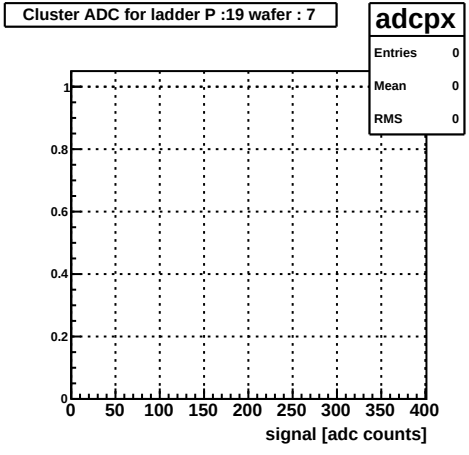

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

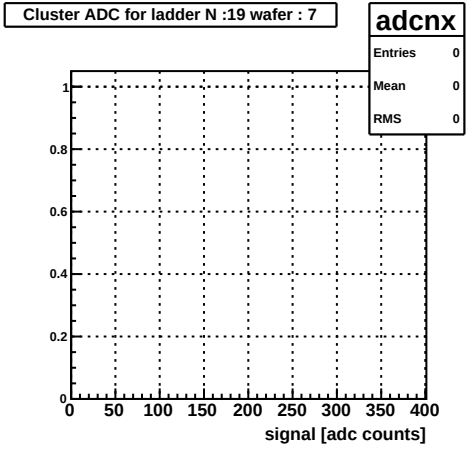

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

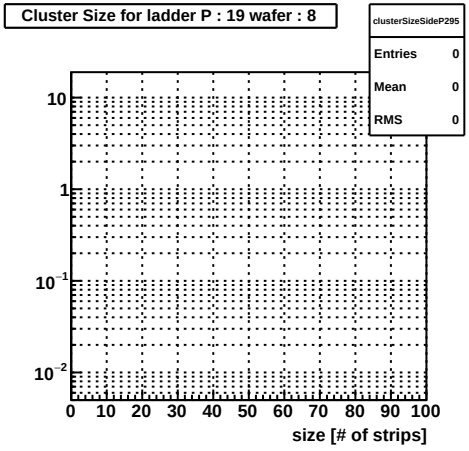

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

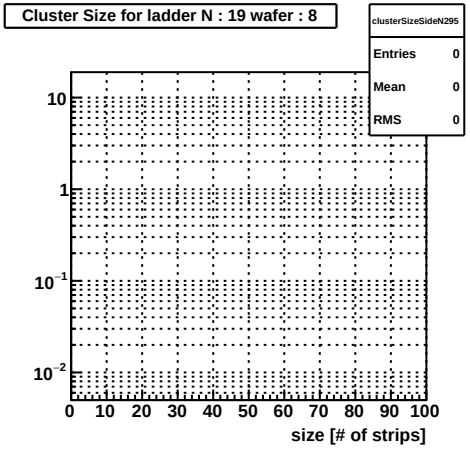

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

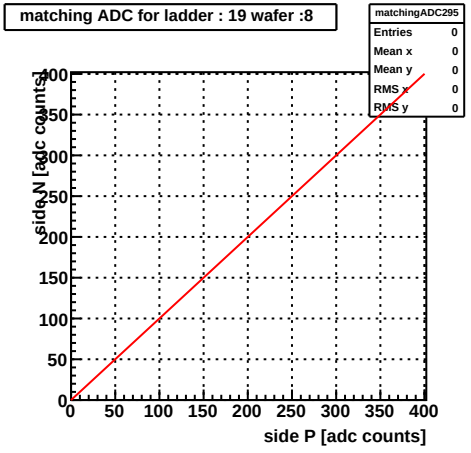

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

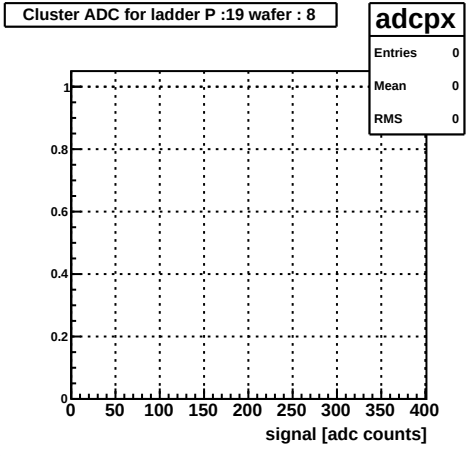

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

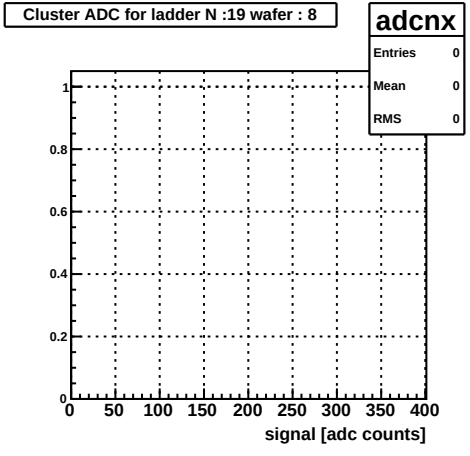

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

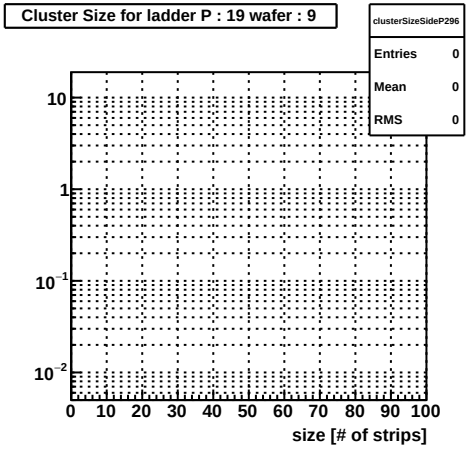

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

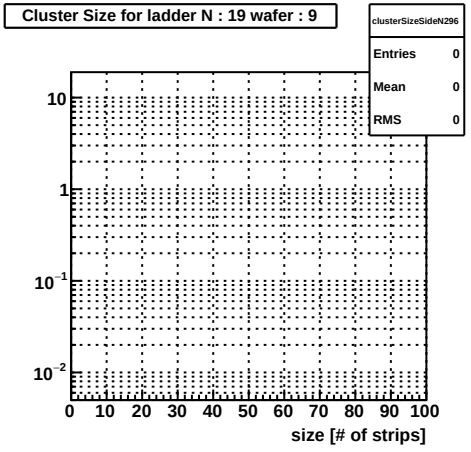

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

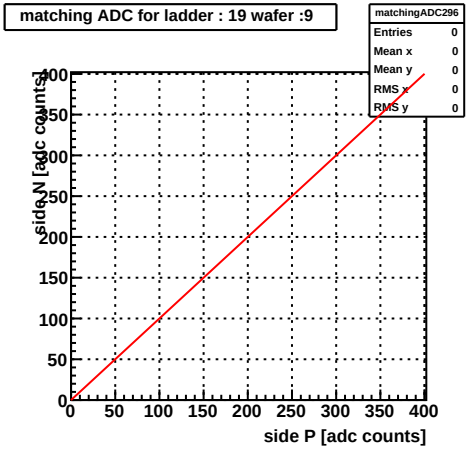

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

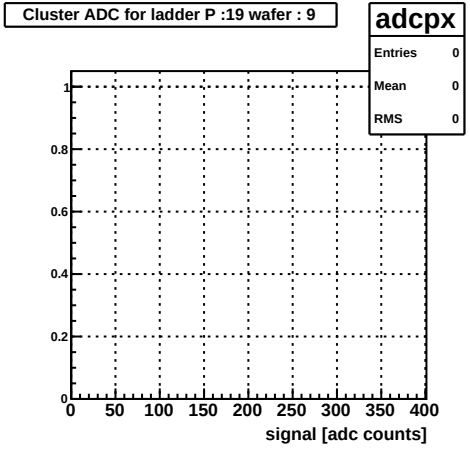

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

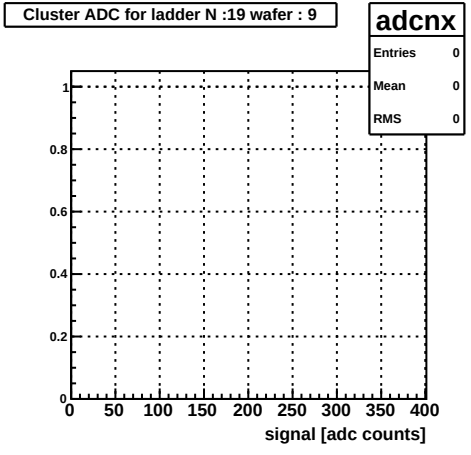

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

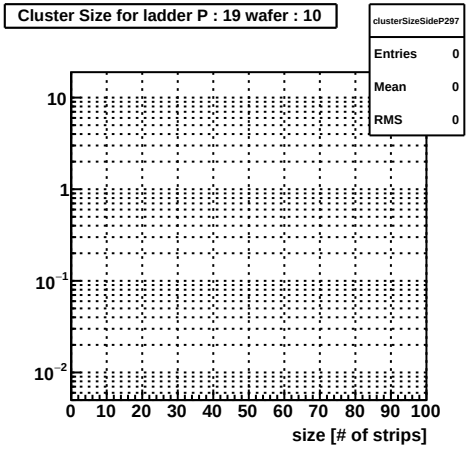

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

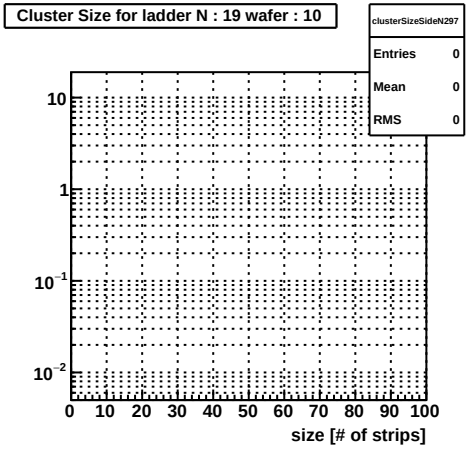

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

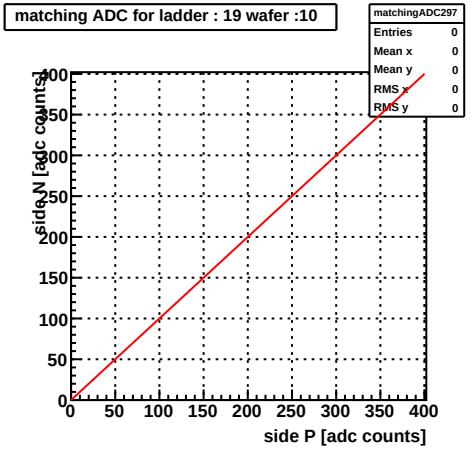

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

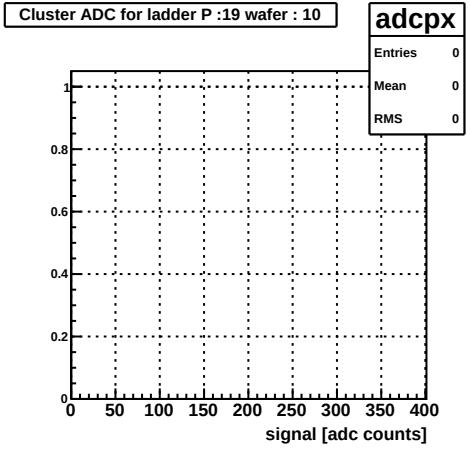

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

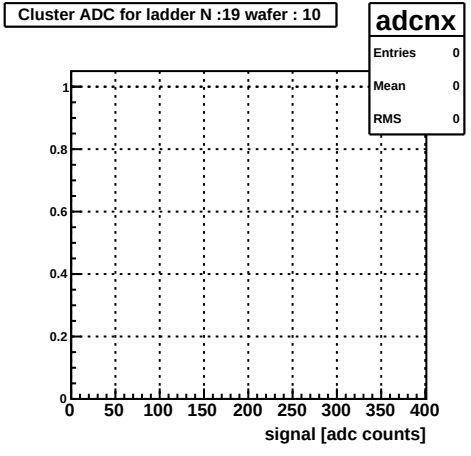

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

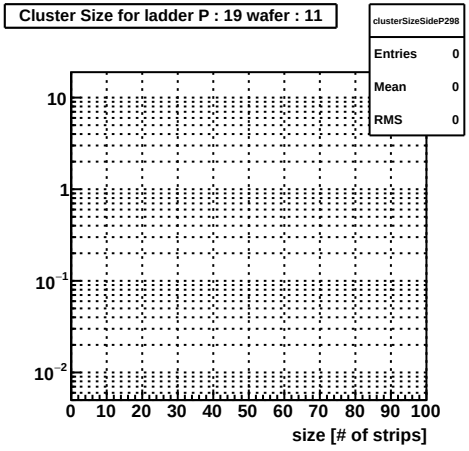

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

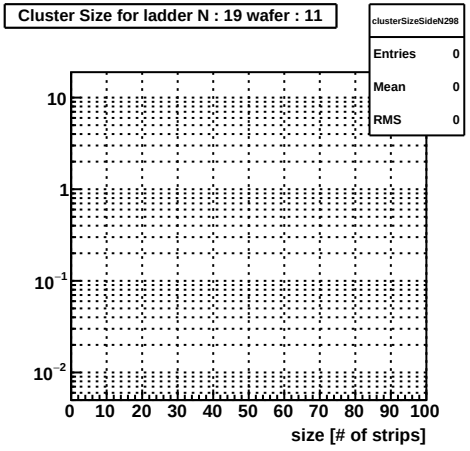

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

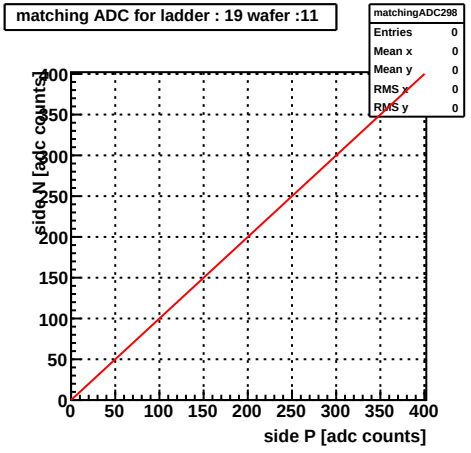

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

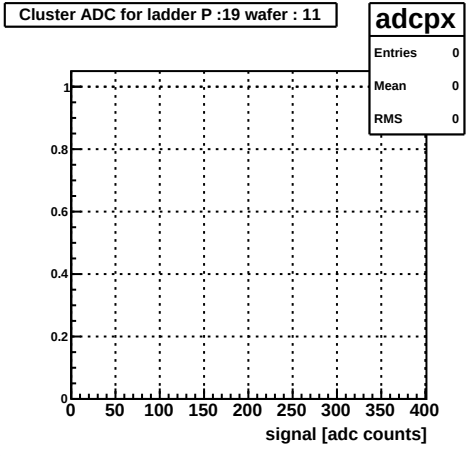

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

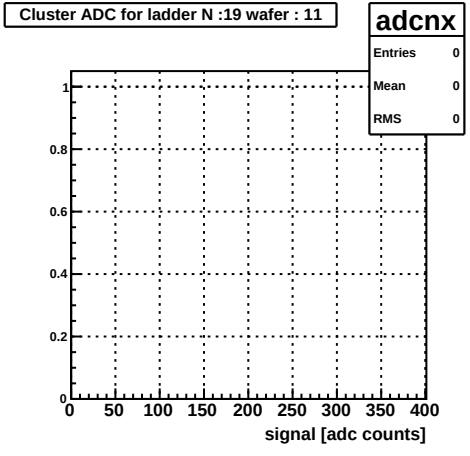

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

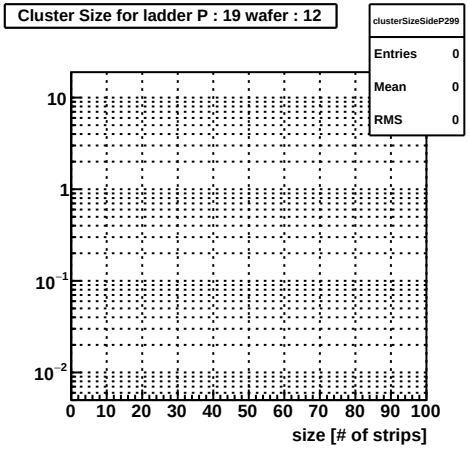

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

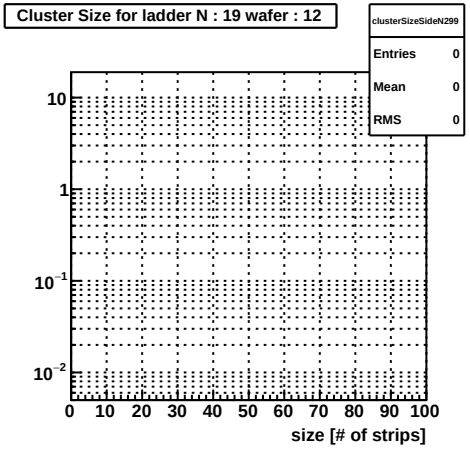

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

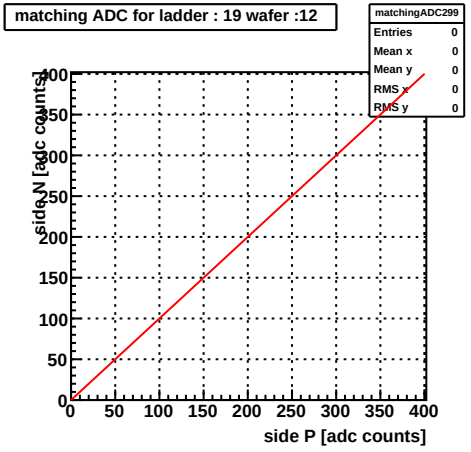

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

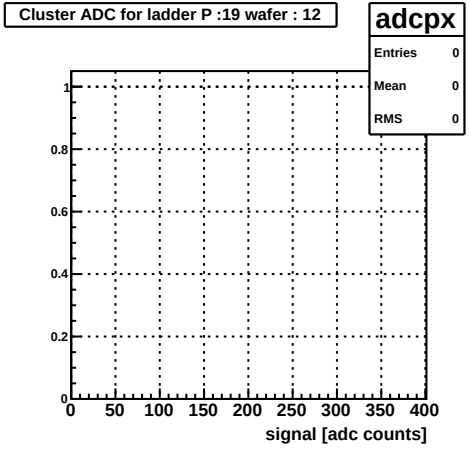

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

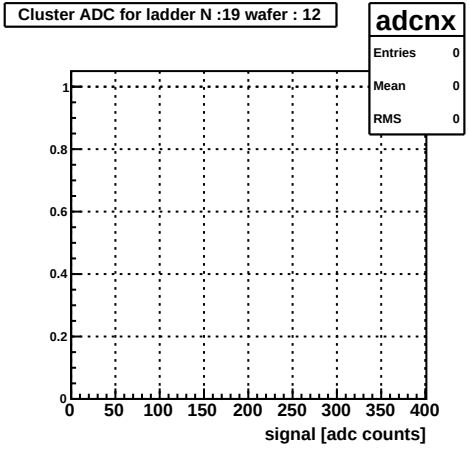

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

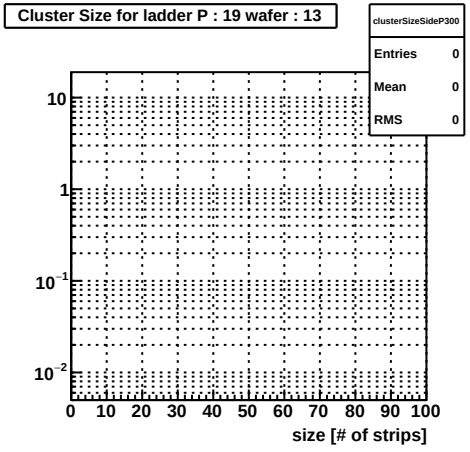

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

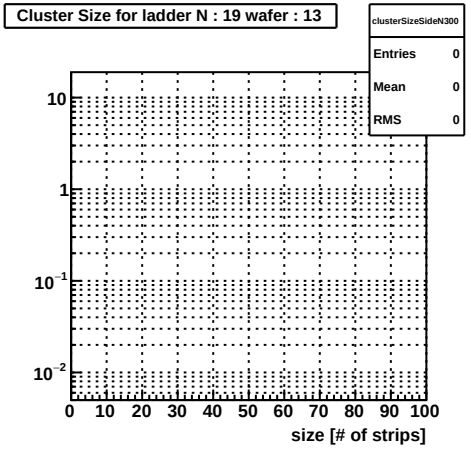

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

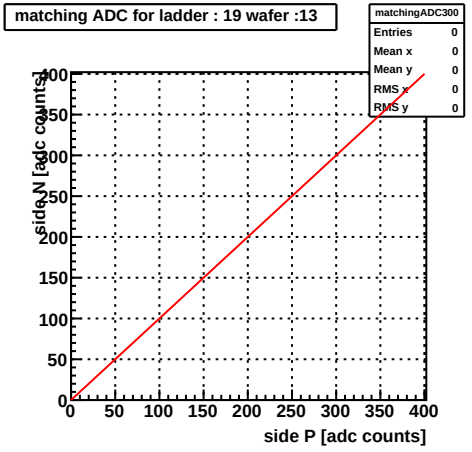

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

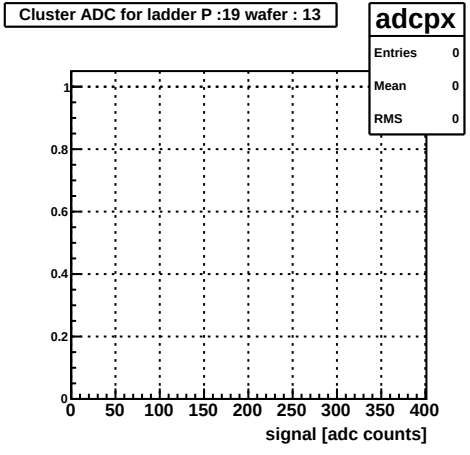

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

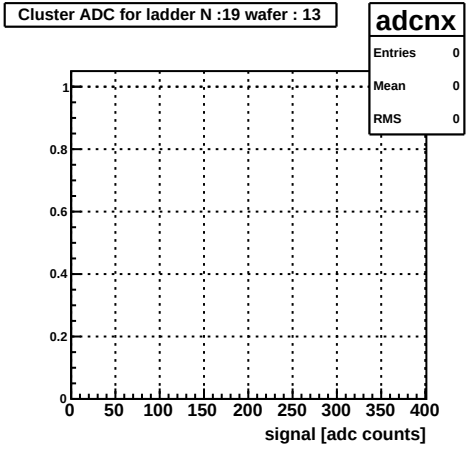

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

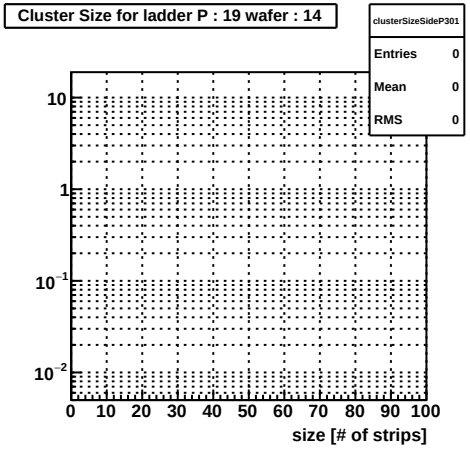

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

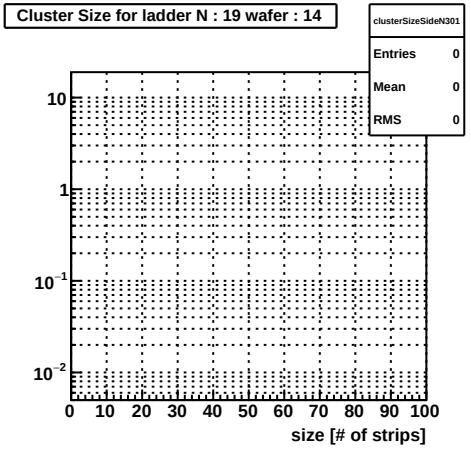

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

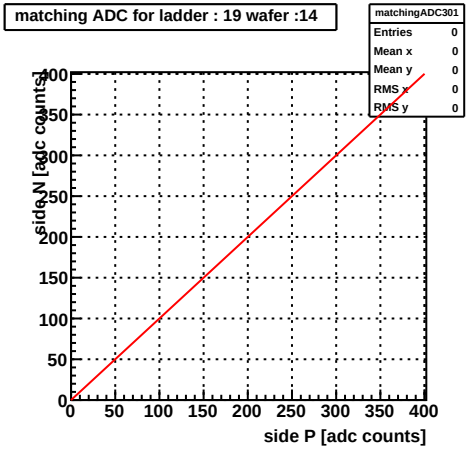

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

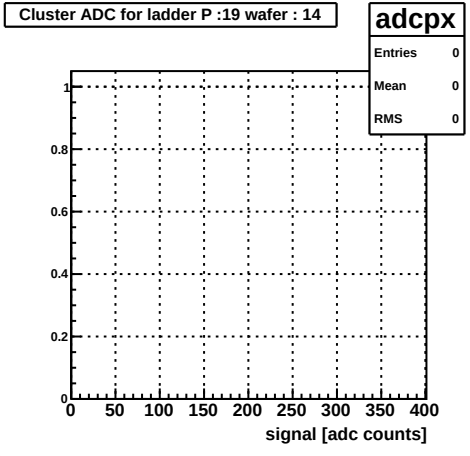

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

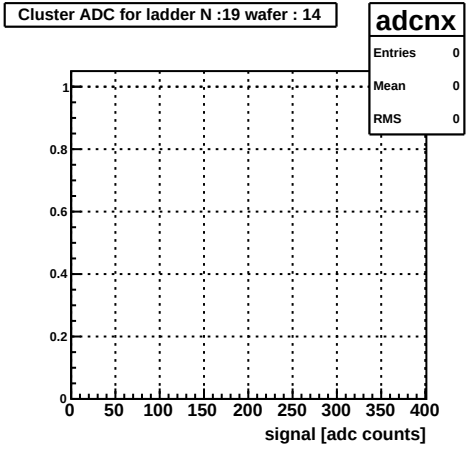

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

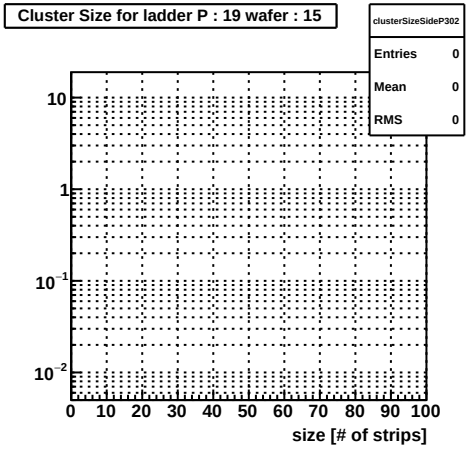

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

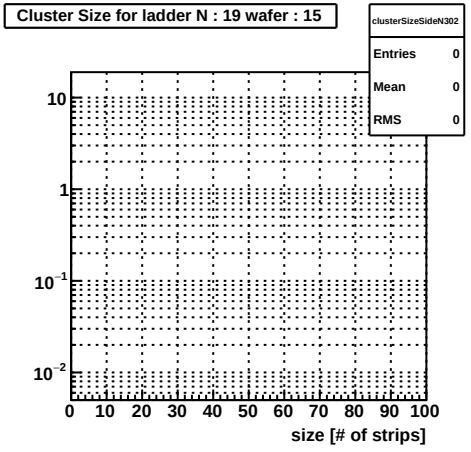

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

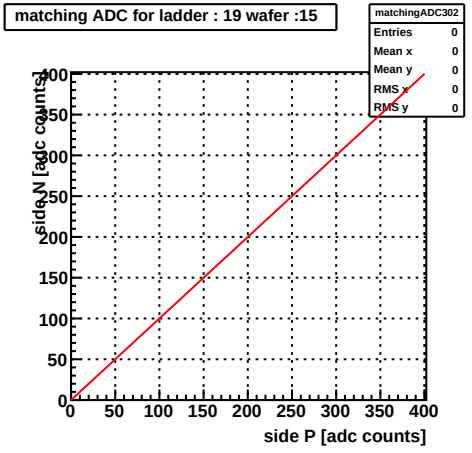

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

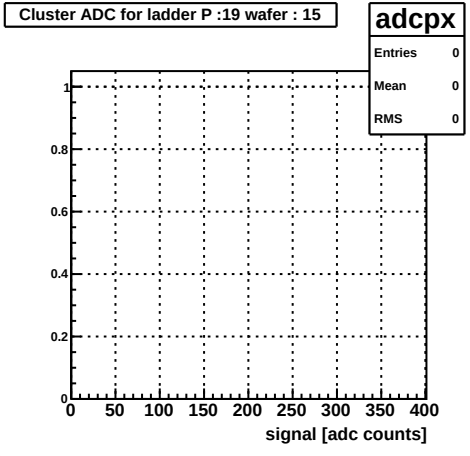

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

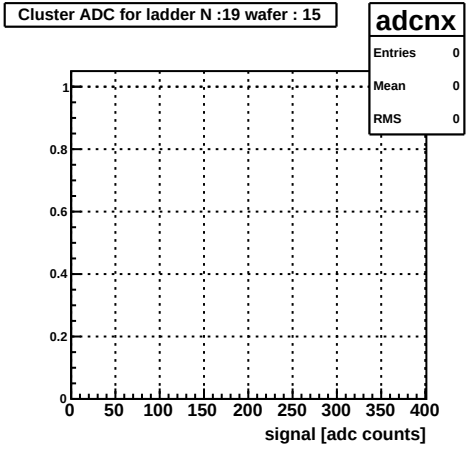

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

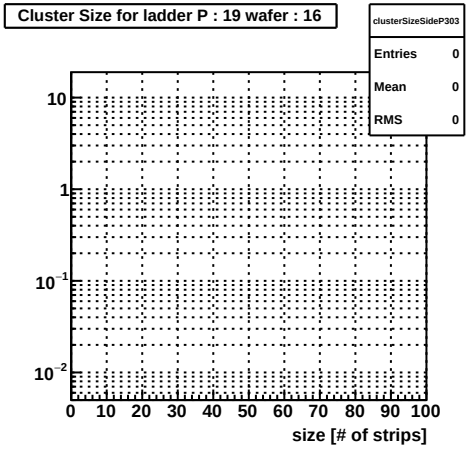

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

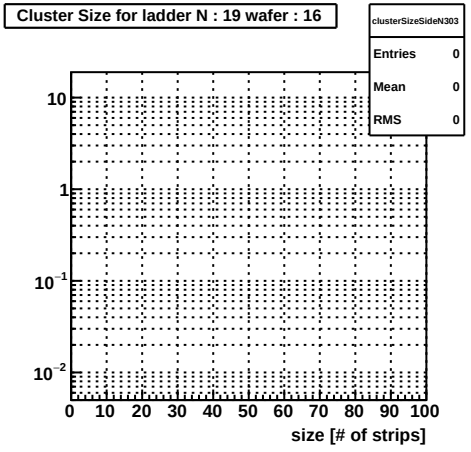

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

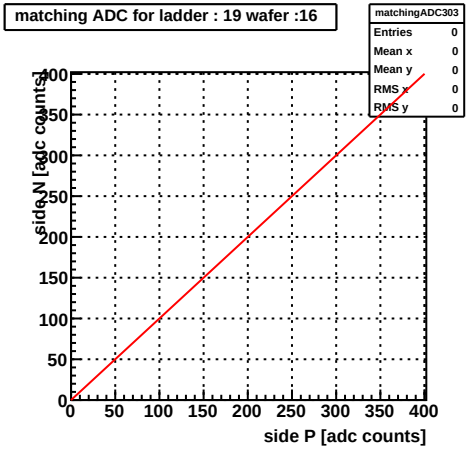

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

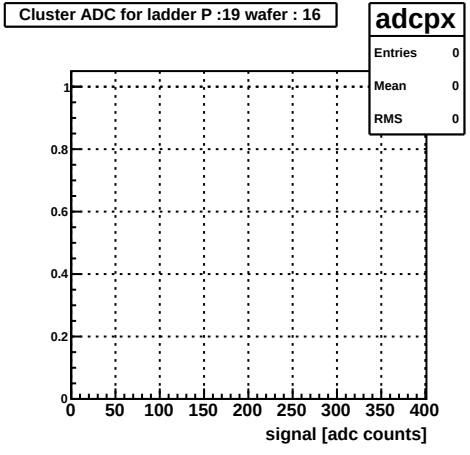

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

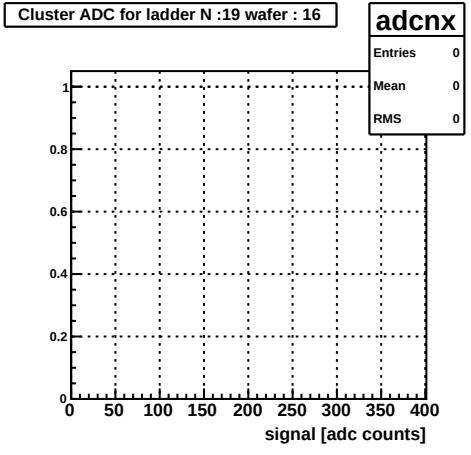

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

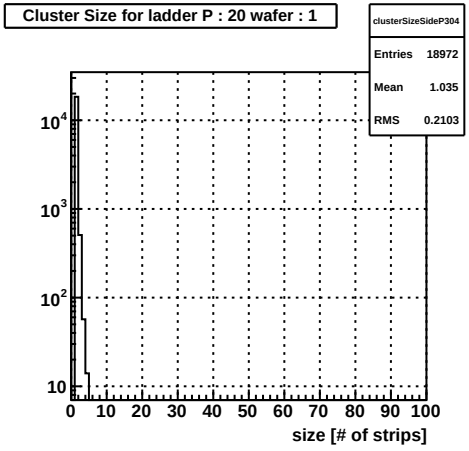

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

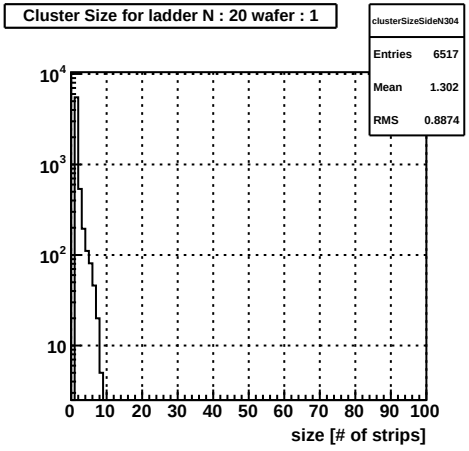

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

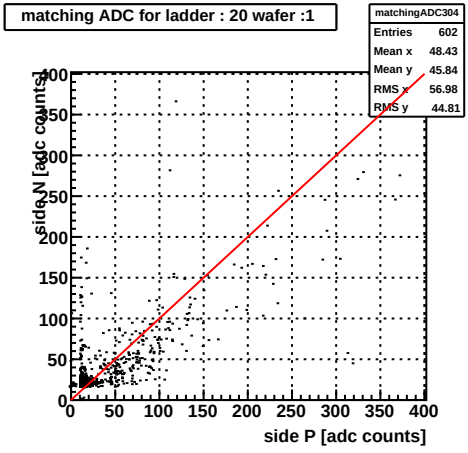

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

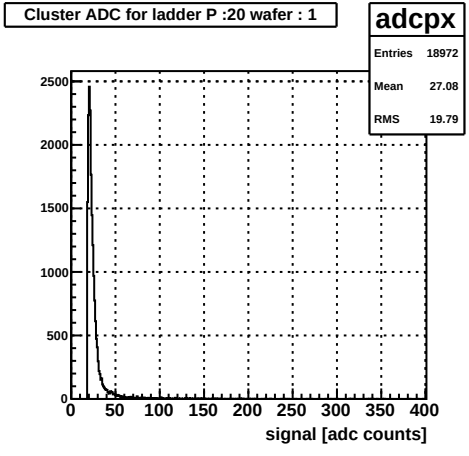

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

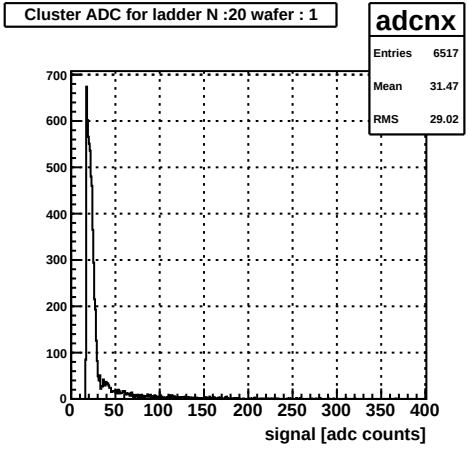

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

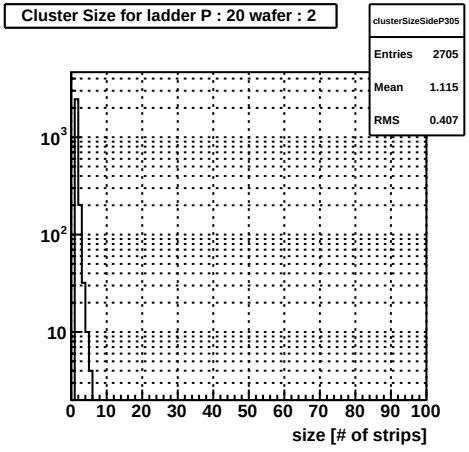

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18972
Mean 1.035
RMS 0.2103
size [# of strips]

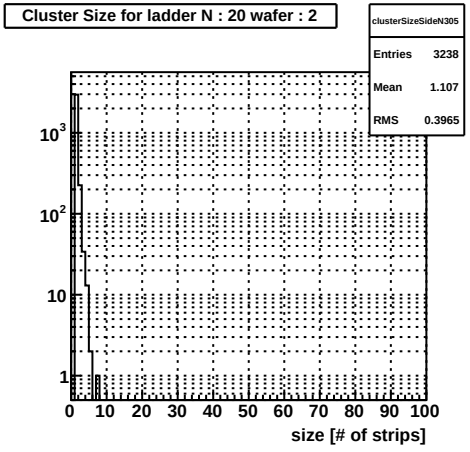

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6517
Mean 1.302
RMS 0.8874
size [# of strips]

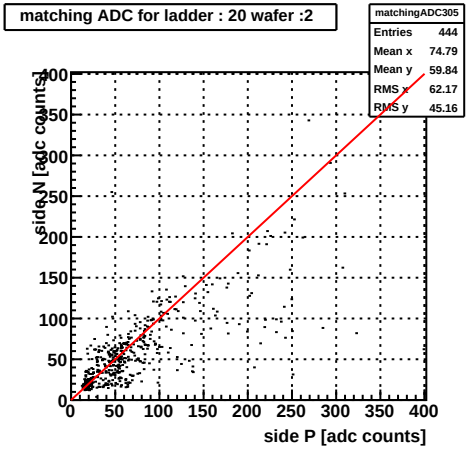

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 602
Mean x 48.43
Mean y 45.84
RMS x 56.98
RMS y 44.81
side N [adc counts]
side P [adc counts]

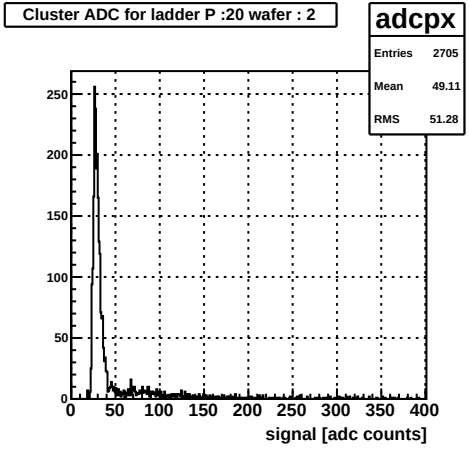

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18972
Mean 27.08
RMS 19.79
signal [adc counts]

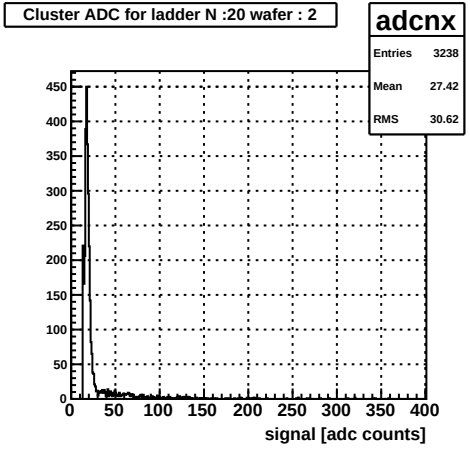

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6517
Mean 31.47
RMS 29.02
signal [adc counts]

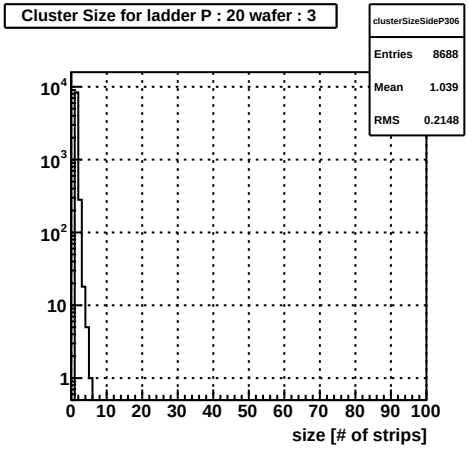

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2705
Mean 1.115
RMS 0.407
size [# of strips]

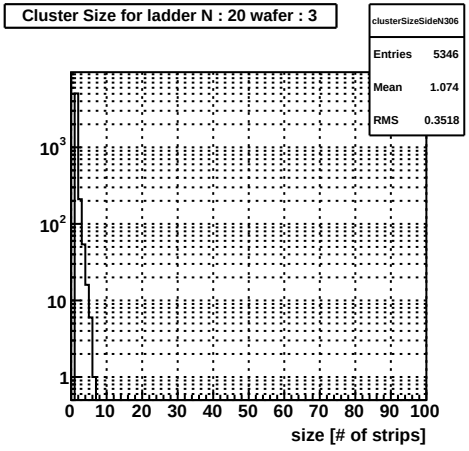

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3238
Mean 1.107
RMS 0.3965
size [# of strips]

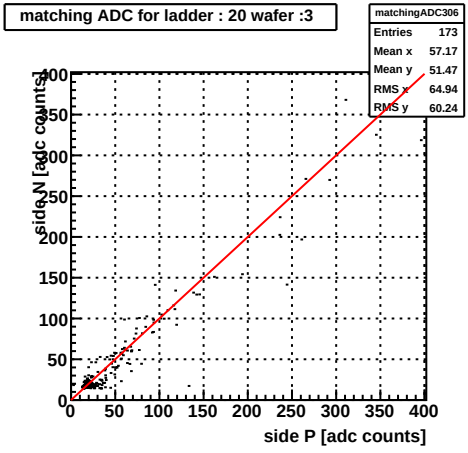

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 444
Mean x 74.79
Mean y 59.84
RMS x 62.17
RMS y 45.16
side N [adc counts]
side P [adc counts]

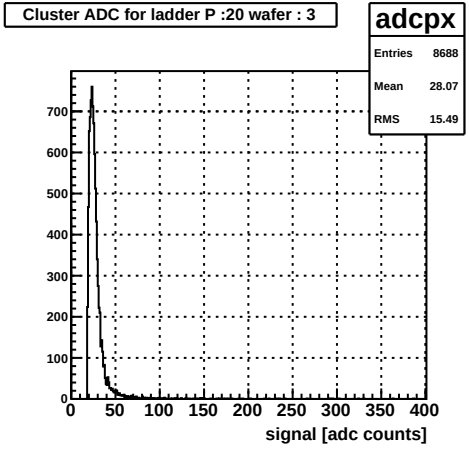

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2705
Mean 49.11
RMS 51.28
signal [adc counts]

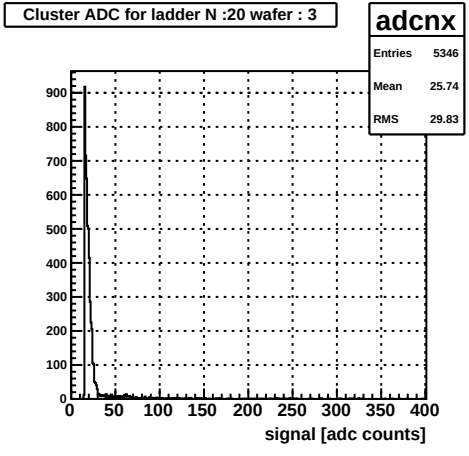

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3238
Mean 27.42
RMS 30.62
signal [adc counts]

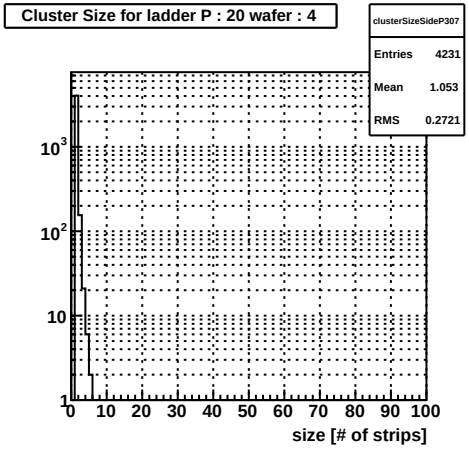

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 8688
Mean 1.039
RMS 0.2148
size [# of strips]

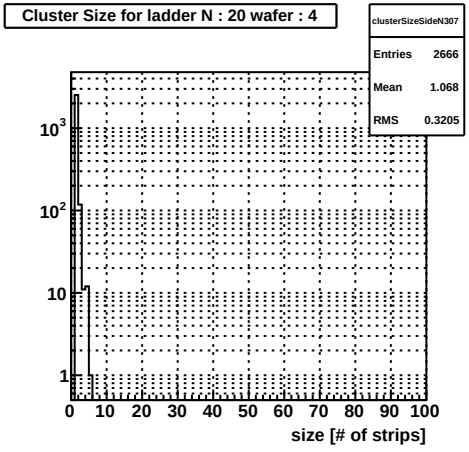

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5346
Mean 1.074
RMS 0.3518
size [# of strips]

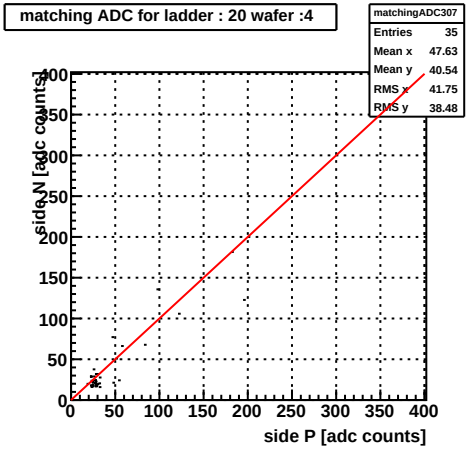

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 173
Mean x 57.17
Mean y 51.47
RMS x 64.94
RMS y 60.24
side N [adc counts]
side P [adc counts]

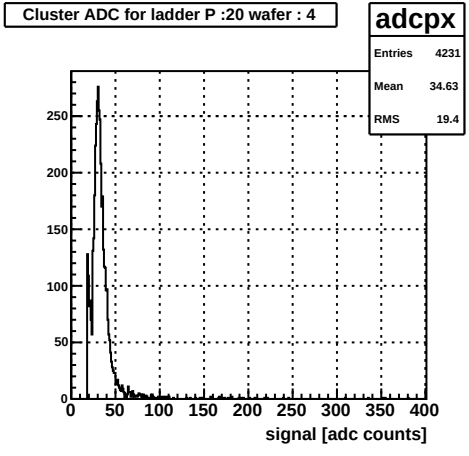

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 8688
Mean 28.07
RMS 15.49
signal [adc counts]

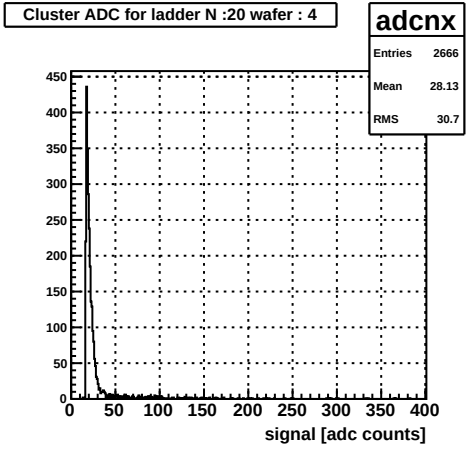

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5346
Mean 25.74
RMS 29.83
signal [adc counts]

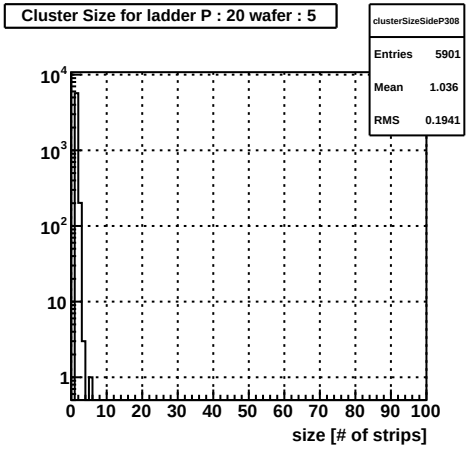

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 4231
Mean 1.053
RMS 0.2721
size [# of strips]

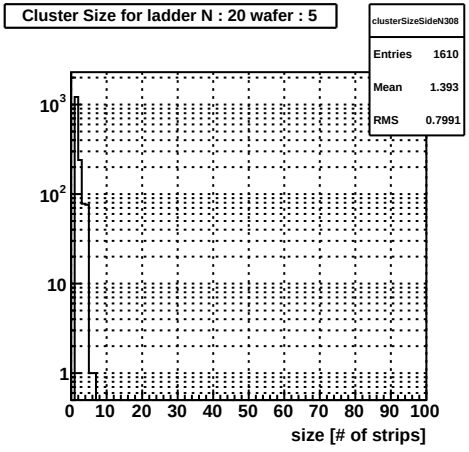

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2666
Mean 1.068
RMS 0.3205
size [# of strips]

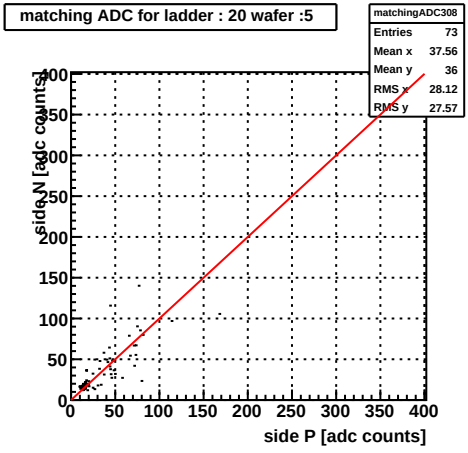

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 35
Mean x 47.63
Mean y 40.54
RMS x 41.75
RMS y 38.48
side N [adc counts]
side P [adc counts]

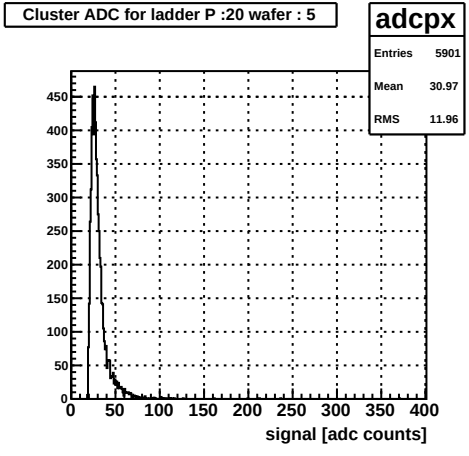

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 4231
Mean 34.63
RMS 19.4
signal [adc counts]

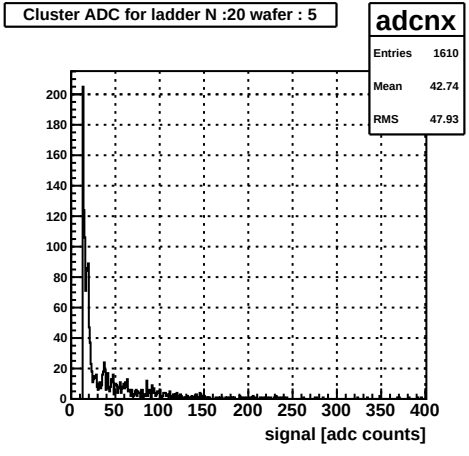

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2666
Mean 28.13
RMS 30.7
signal [adc counts]

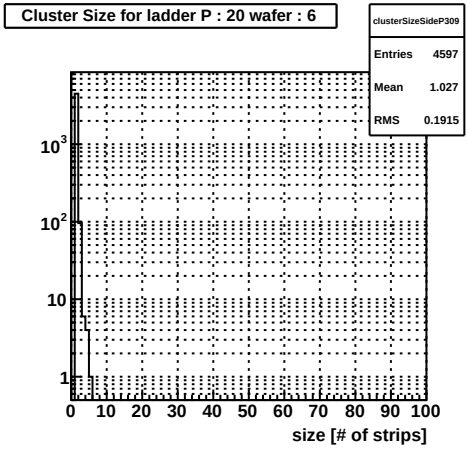

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 5901
Mean 1.036
RMS 0.1941
size [# of strips]

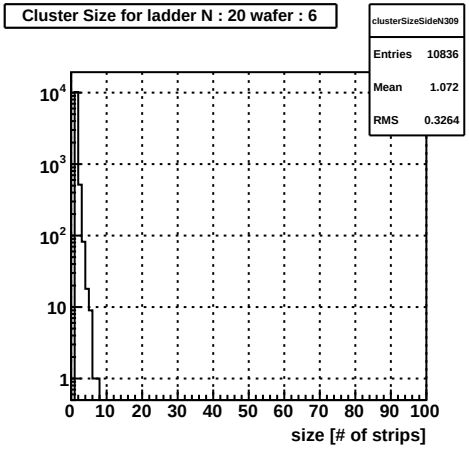

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1610
Mean 1.393
RMS 0.7991
size [# of strips]

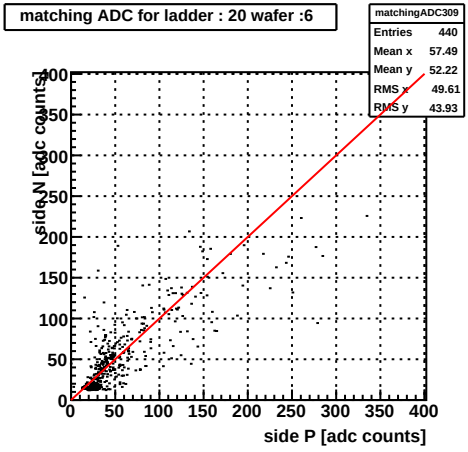

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 73
Mean x 37.56
Mean y 36
RMS x 28.12
RMS y 27.57
side N [adc counts]
side P [adc counts]

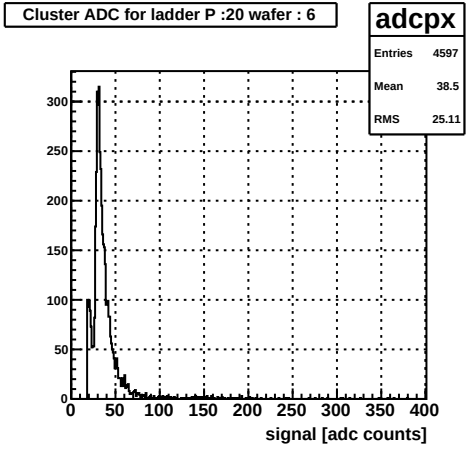

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 5901
Mean 30.97
RMS 11.96
signal [adc counts]

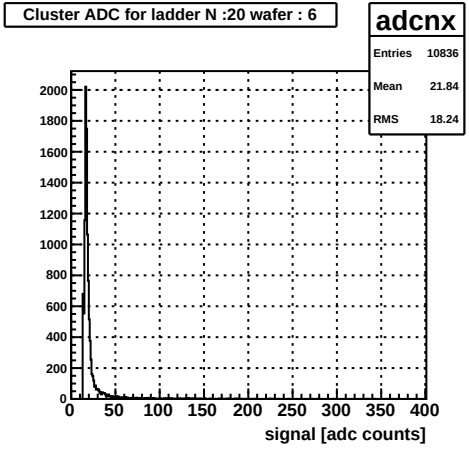

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1610
Mean 42.74
RMS 47.93
signal [adc counts]

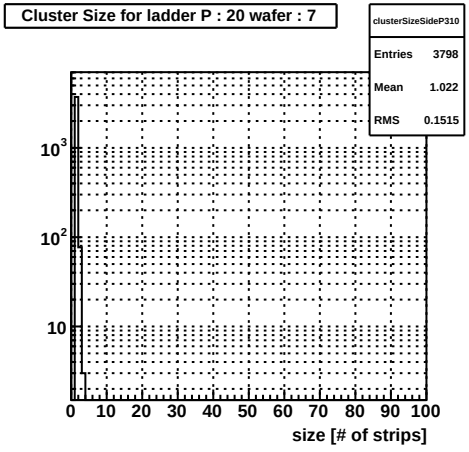

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4597
Mean 1.027
RMS 0.1915
size [# of strips]

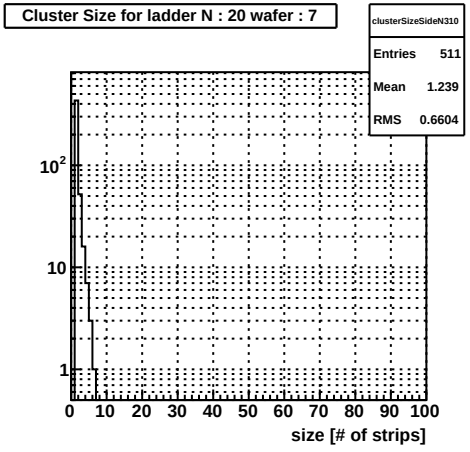

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 10836
Mean 1.072
RMS 0.3264
size [# of strips]

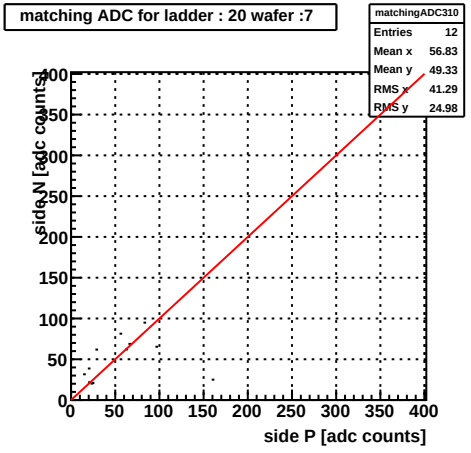

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 440
Mean x 57.49
Mean y 52.22
RMS x 49.61
RMS y 43.93
side N [adc counts]
side P [adc counts]

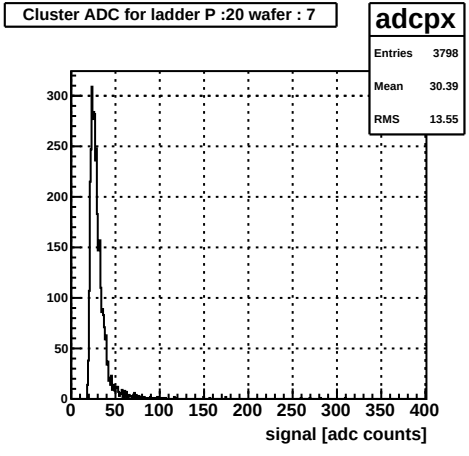

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4597
Mean 38.5
RMS 25.11
signal [adc counts]

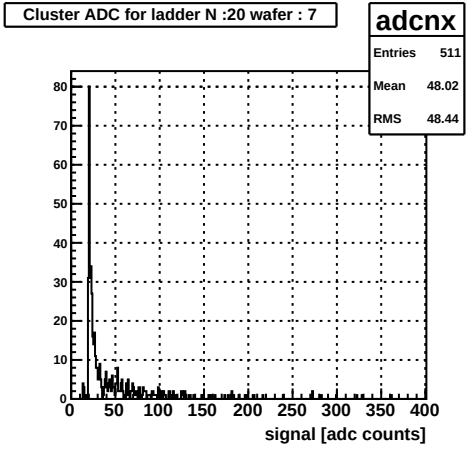

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 10836
Mean 21.84
RMS 18.24
signal [adc counts]

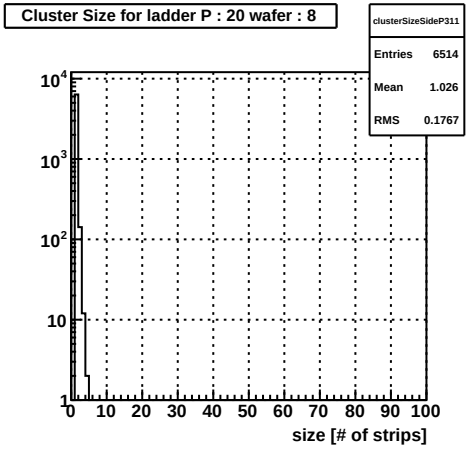

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3798
Mean 1.022
RMS 0.1515
size [# of strips]

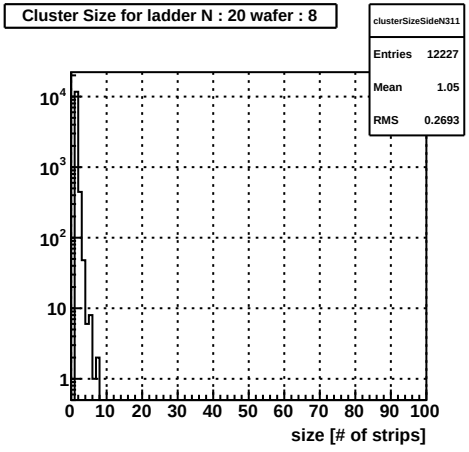

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 511
Mean 1.239
RMS 0.6604
size [# of strips]

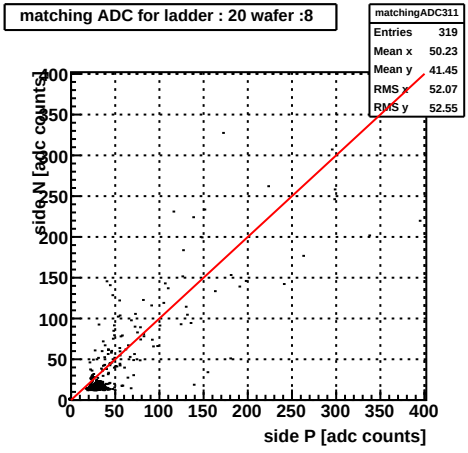

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 12
Mean x 56.83
Mean y 49.33
RMS x 41.29
RMS y 24.98
side N [adc counts]
side P [adc counts]

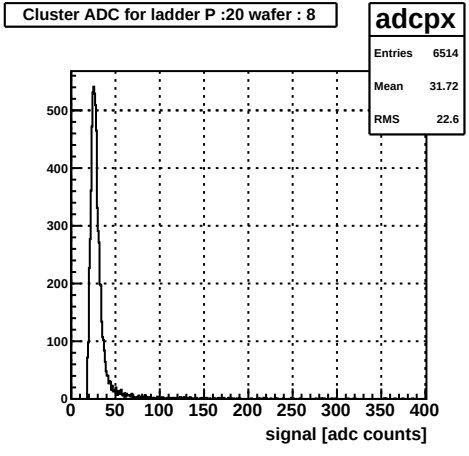

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3798
Mean 30.39
RMS 13.55
signal [adc counts]

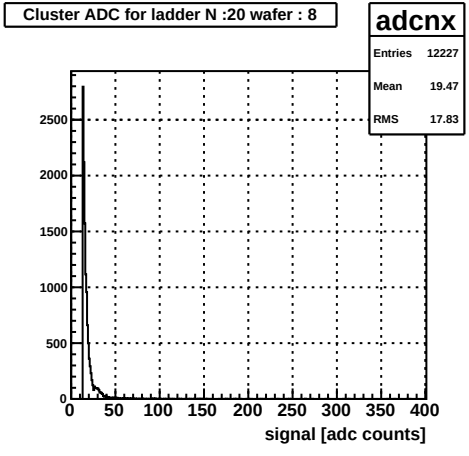

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 511
Mean 48.02
RMS 48.44
signal [adc counts]

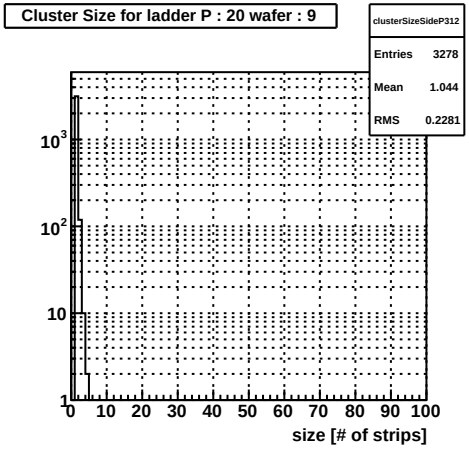

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6514
Mean 1.026
RMS 0.1767
size [# of strips]

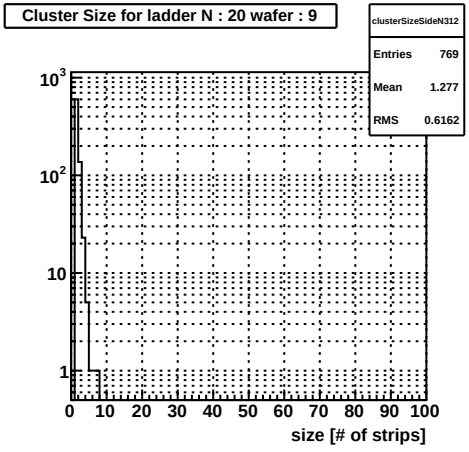

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 12227
Mean 1.05
RMS 0.2693
size [# of strips]

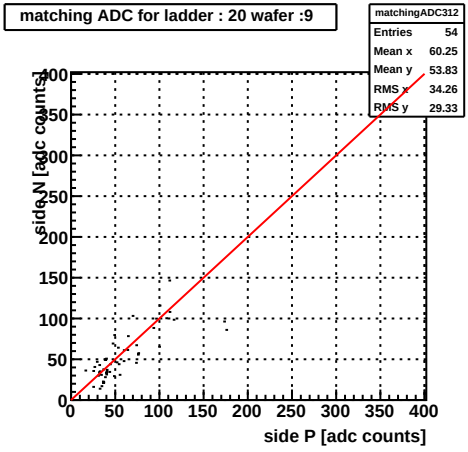

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 319
Mean x 50.23
Mean y 41.45
RMS x 52.07
RMS y 52.55
side N [adc counts]
side P [adc counts]

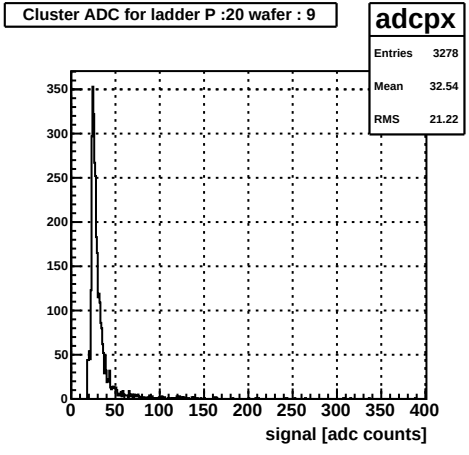

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6514
Mean 31.72
RMS 22.6
signal [adc counts]

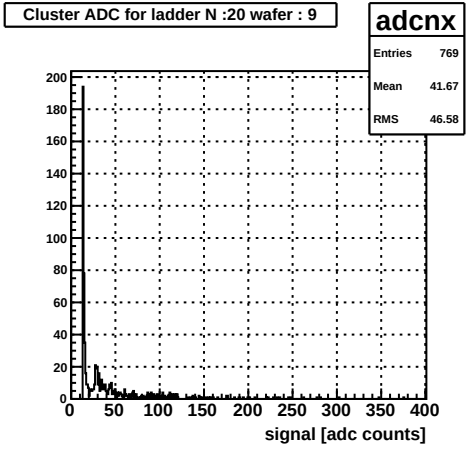

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 12227
Mean 19.47
RMS 17.83
signal [adc counts]

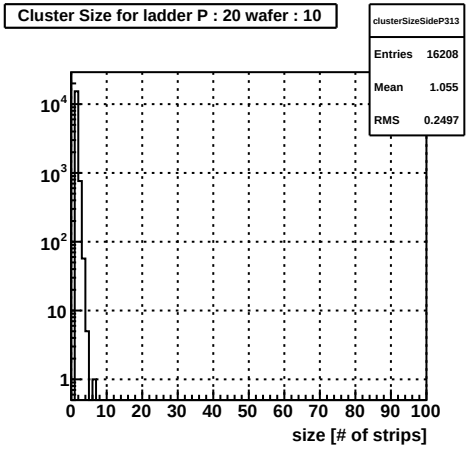

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3278
Mean 1.044
RMS 0.2281
size [# of strips]

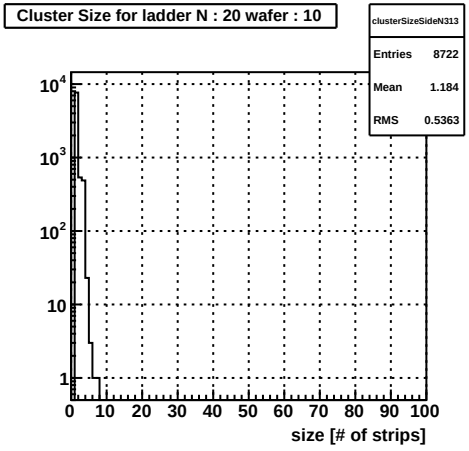

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 769
Mean 1.277
RMS 0.6162
size [# of strips]

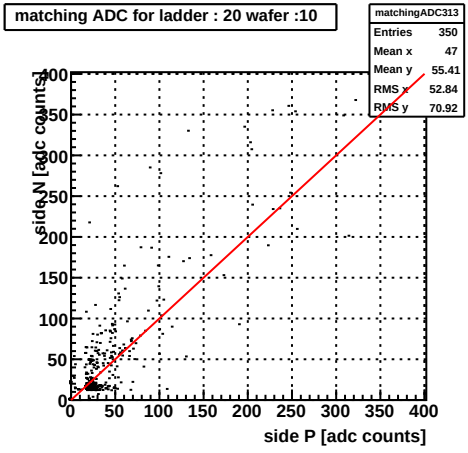

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 54
Mean x 60.25
Mean y 53.83
RMS x 34.26
RMS y 29.33
side N [adc counts]
side P [adc counts]

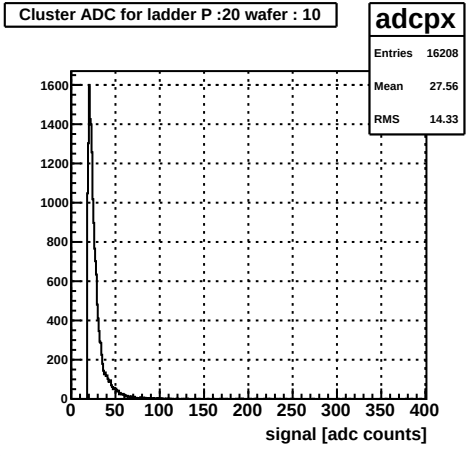

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3278
Mean 32.54
RMS 21.22
signal [adc counts]

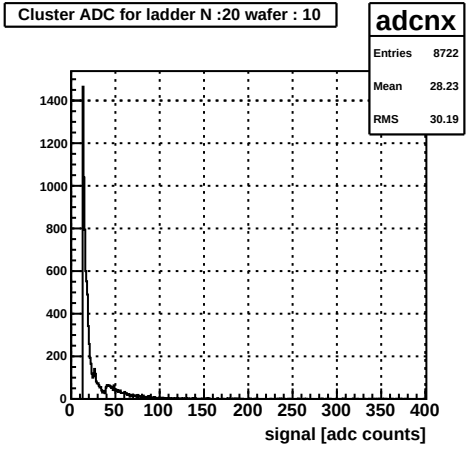

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 769
Mean 41.67
RMS 46.58
signal [adc counts]

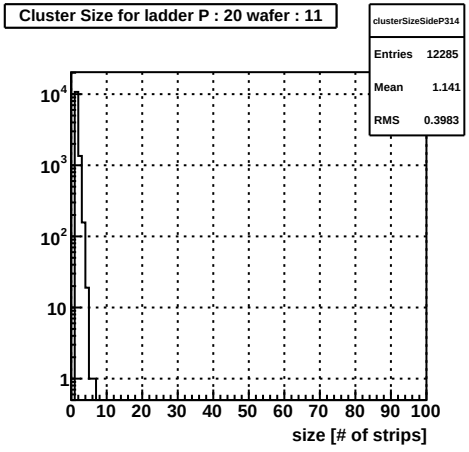

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 16208
Mean 1.055
RMS 0.2497
size [# of strips]

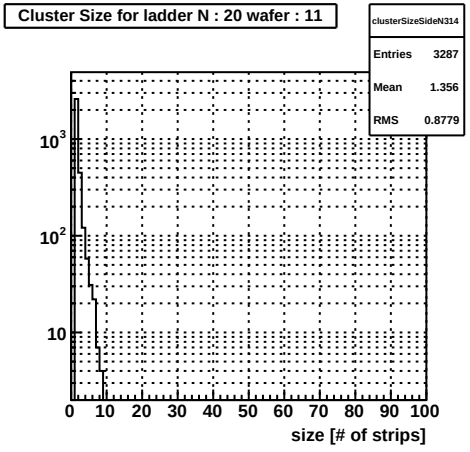

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8722
Mean 1.184
RMS 0.5363
size [# of strips]

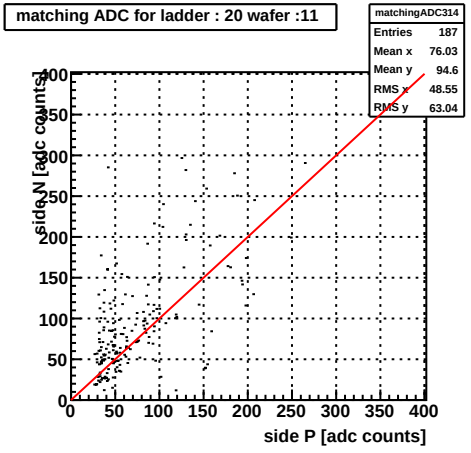

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 350
Mean x 47
Mean y 55.41
RMS x 52.84
RMS y 70.92
side N [adc counts]
side P [adc counts]

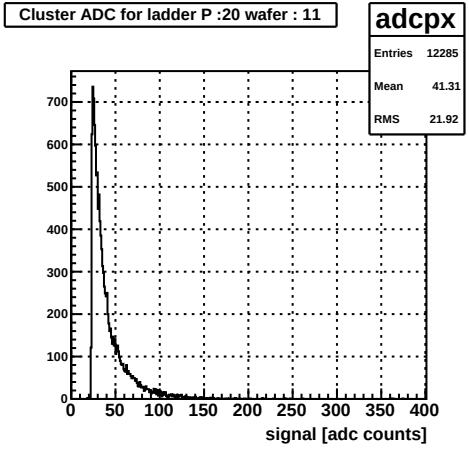

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 16208
Mean 27.56
RMS 14.33
signal [adc counts]

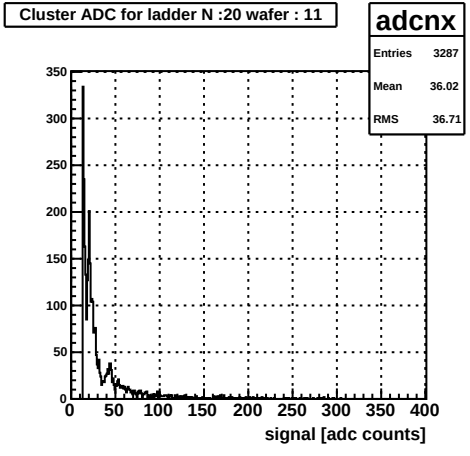

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8722
Mean 28.23
RMS 30.19
signal [adc counts]

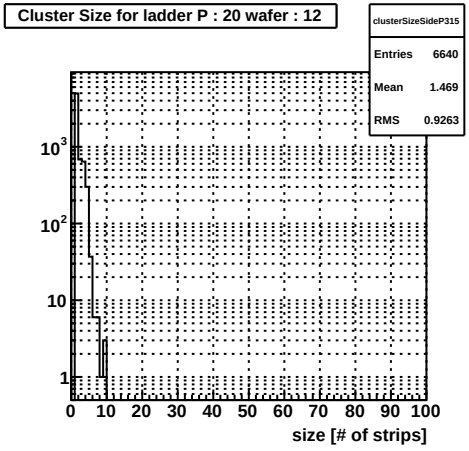

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 12285
Mean 1.141
RMS 0.3983
size [# of strips]

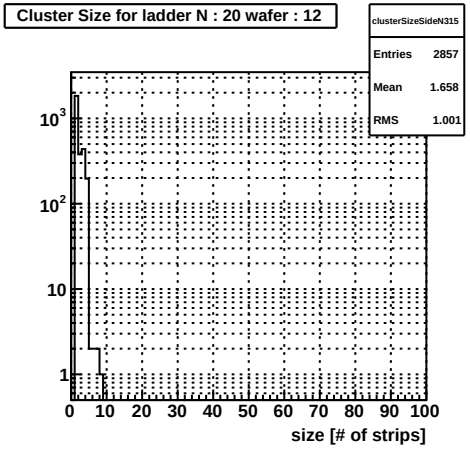

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3287
Mean 1.356
RMS 0.8779
size [# of strips]

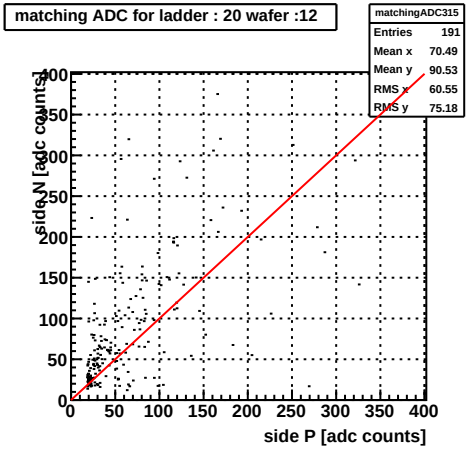

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 187
Mean x 76.03
Mean y 94.6
RMS x 48.55
RMS y 63.04
side N [adc counts]
side P [adc counts]

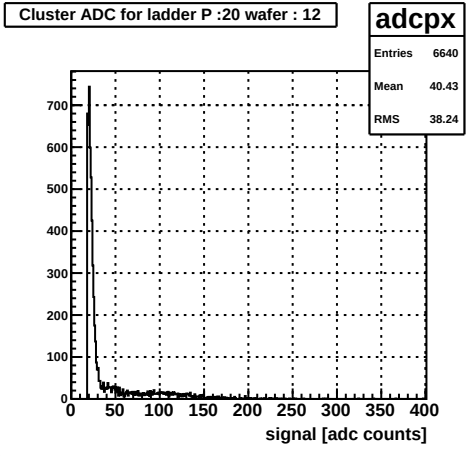

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 12285
Mean 41.31
RMS 21.92
signal [adc counts]

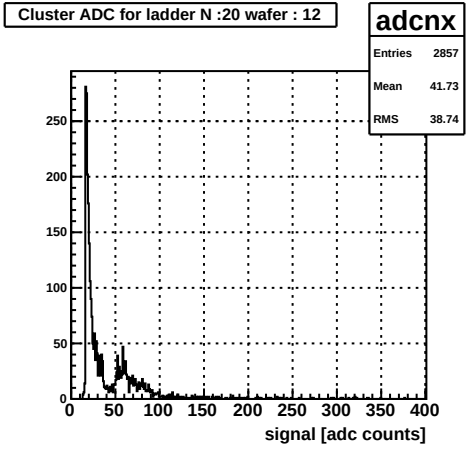

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3287
Mean 36.02
RMS 36.71
signal [adc counts]

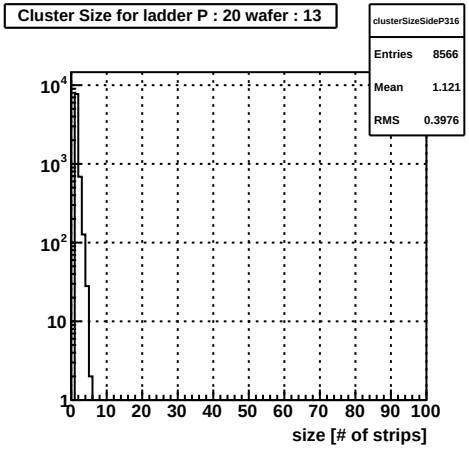

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6640
Mean 1.469
RMS 0.9263
size [# of strips]

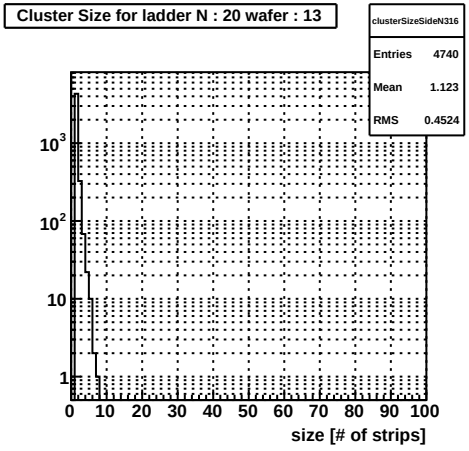

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2857
Mean 1.658
RMS 1.001
size [# of strips]

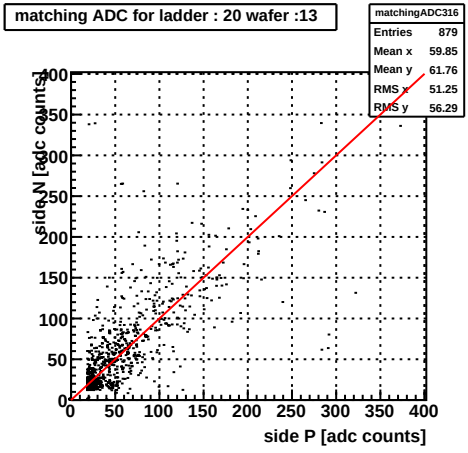

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 191
Mean x 70.49
Mean y 90.53
RMS x 60.55
RMS y 75.18
side N [adc counts]
side P [adc counts]

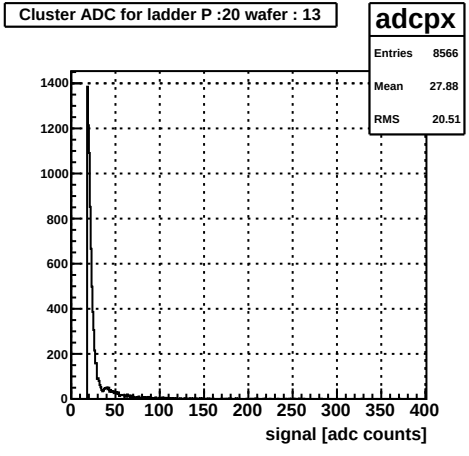

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6640
Mean 40.43
RMS 38.24
signal [adc counts]

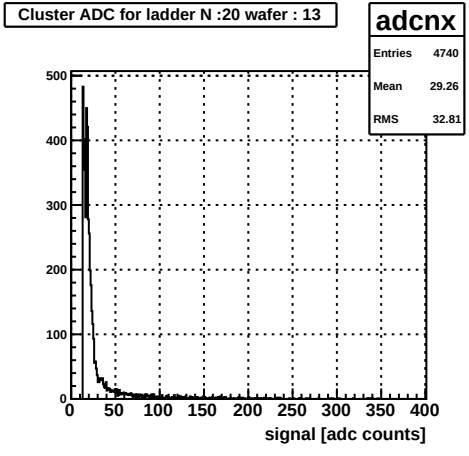

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2857
Mean 41.73
RMS 38.74
signal [adc counts]

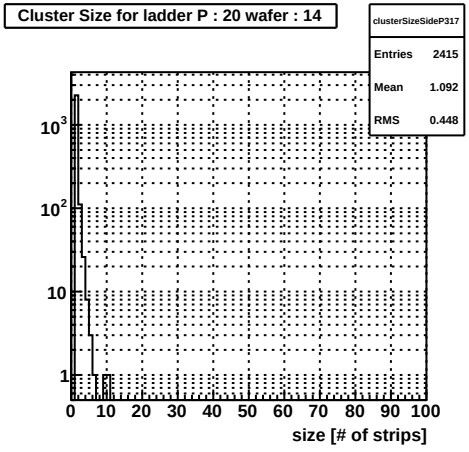

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8566
Mean 1.121
RMS 0.3976
size [# of strips]

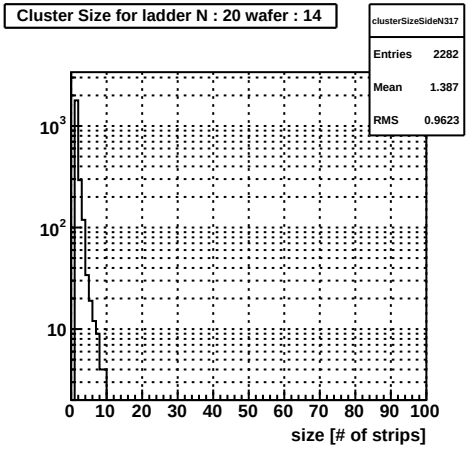

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4740
Mean 1.123
RMS 0.4524
size [# of strips]

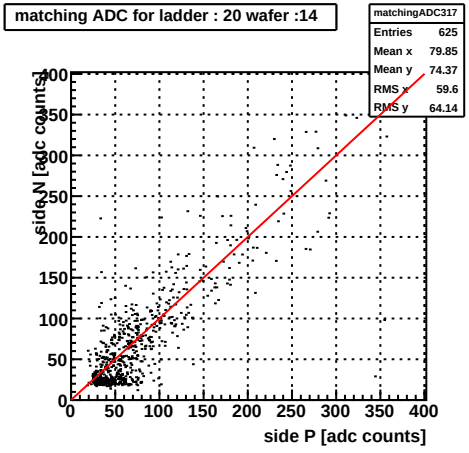

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 879
Mean x 59.85
Mean y 61.76
RMS x 51.25
RMS y 56.29
side N [adc counts]
side P [adc counts]

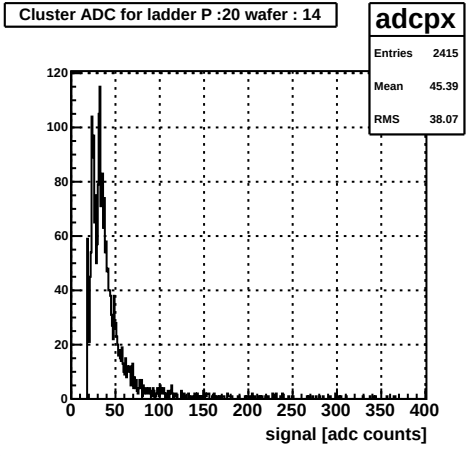

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8566
Mean 27.88
RMS 20.51
signal [adc counts]

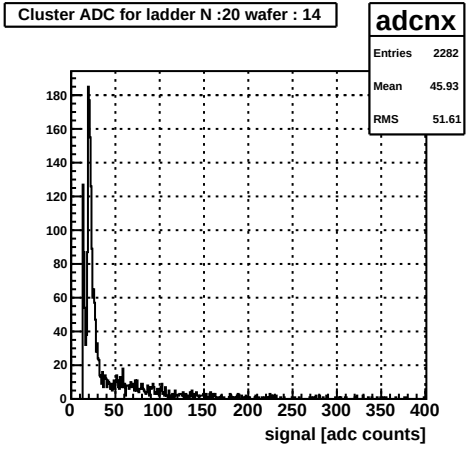

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4740
Mean 29.26
RMS 32.81
signal [adc counts]

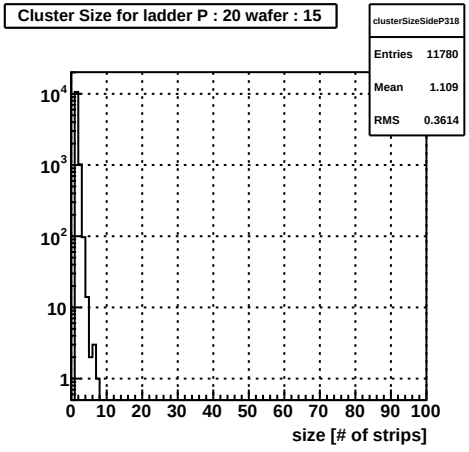

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2415
Mean 1.092
RMS 0.448
size [# of strips]

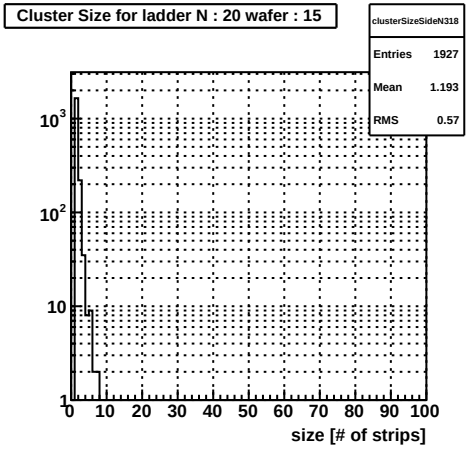

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2282
Mean 1.387
RMS 0.9623
size [# of strips]

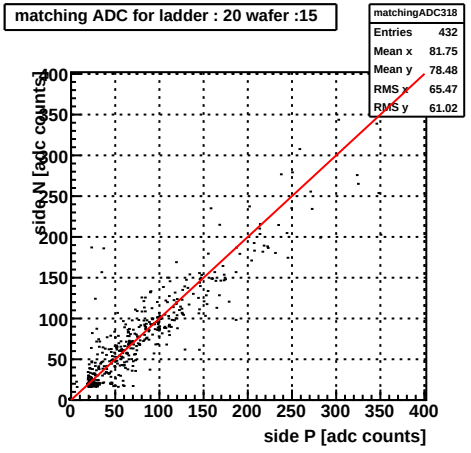

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 625
Mean x 79.85
Mean y 74.37
RMS x 59.6
RMS y 64.14
side N [adc counts]
side P [adc counts]

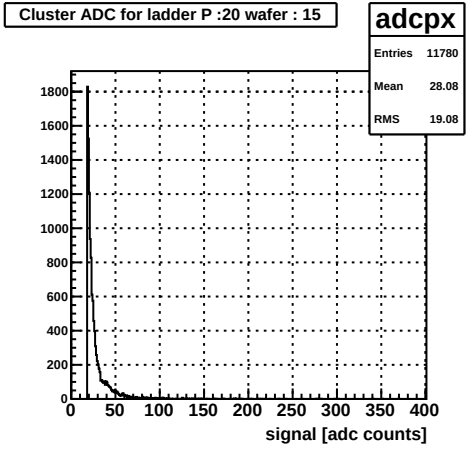

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2415
Mean 45.39
RMS 38.07
signal [adc counts]

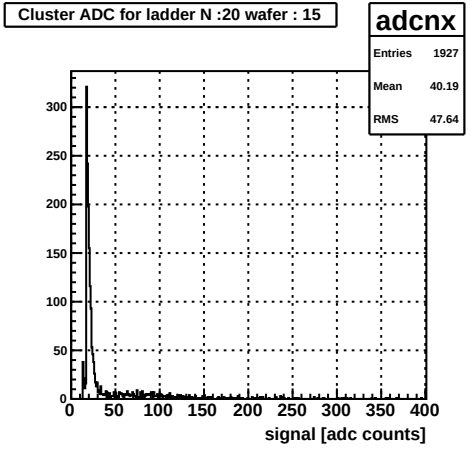

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2282
Mean 45.93
RMS 51.61
signal [adc counts]

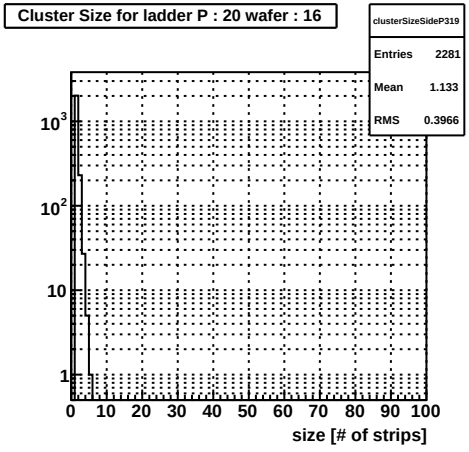

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 11780
Mean 1.109
RMS 0.3614
size [# of strips]

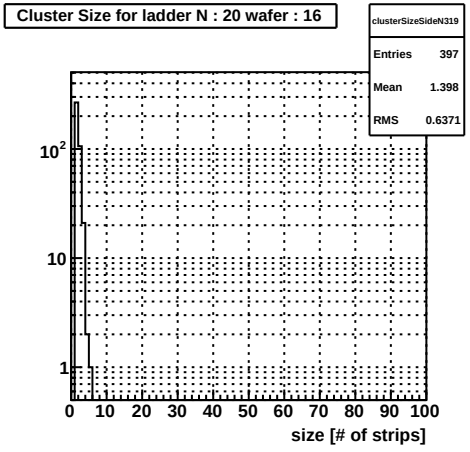

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1927
Mean 1.193
RMS 0.57
size [# of strips]

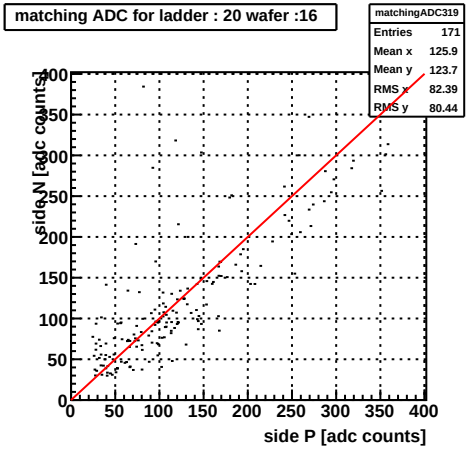

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 432
Mean x 81.75
Mean y 78.48
RMS x 65.47
RMS y 61.02
side N [adc counts]
side P [adc counts]

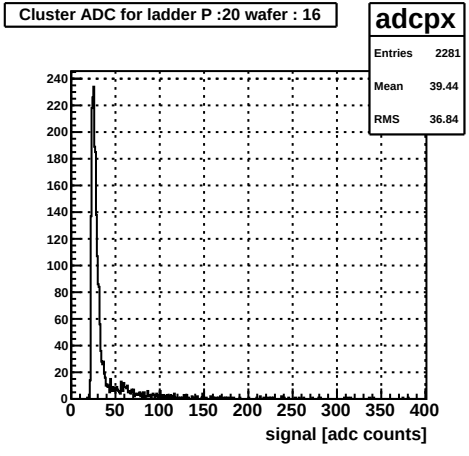

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 11780
Mean 28.08
RMS 19.08
signal [adc counts]

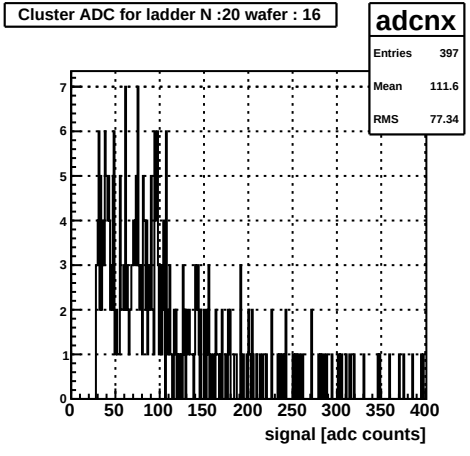

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1927
Mean 40.19
RMS 47.64
signal [adc counts]

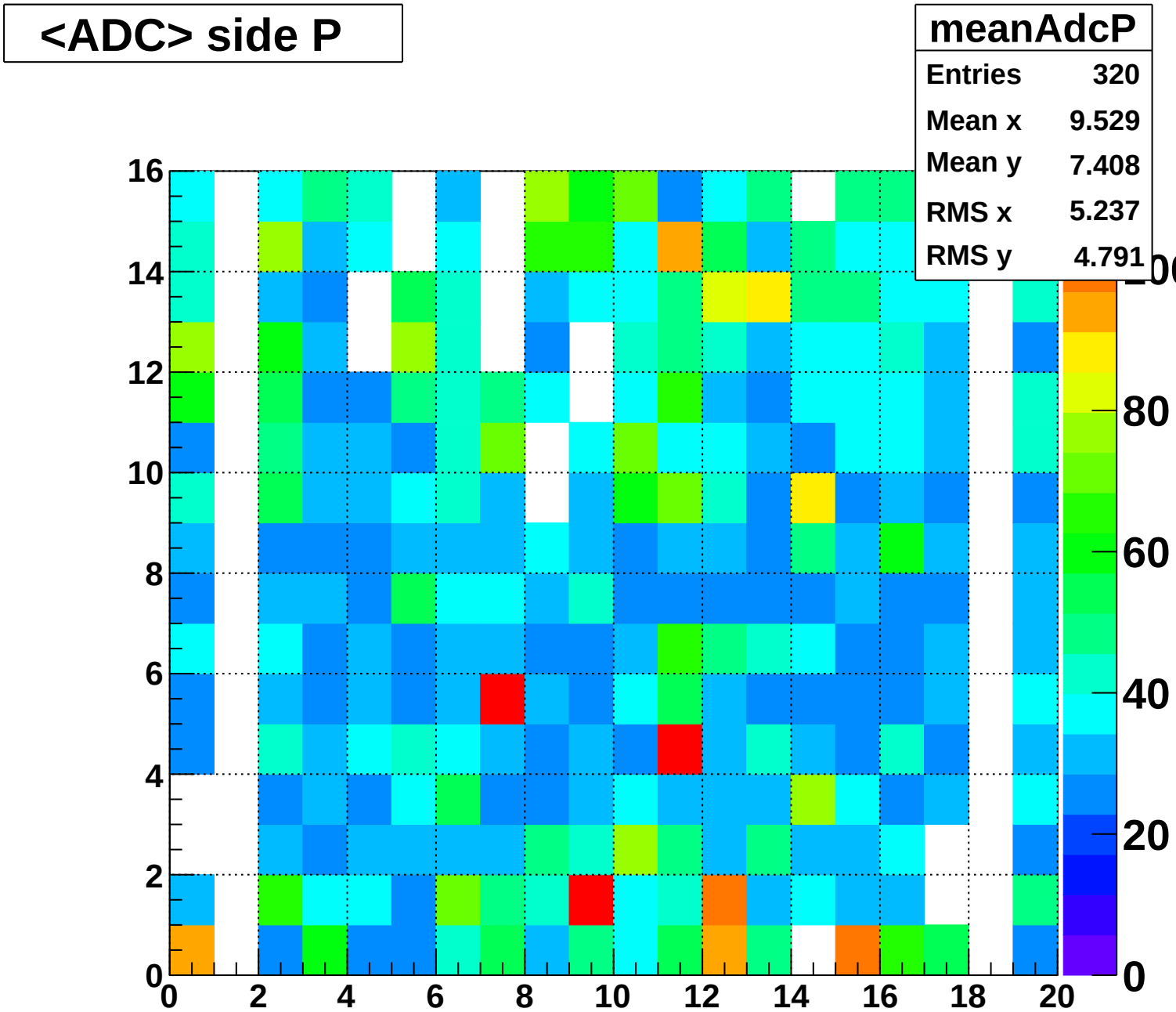

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2281
Mean 1.133
RMS 0.3966
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 397
Mean 1.398
RMS 0.6371
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 171
Mean x 125.9
Mean y 123.7
RMS x 82.39
RMS y 80.44
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2281
Mean 39.44
RMS 36.84
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 397
Mean 111.6
RMS 77.34
signal [adc counts]



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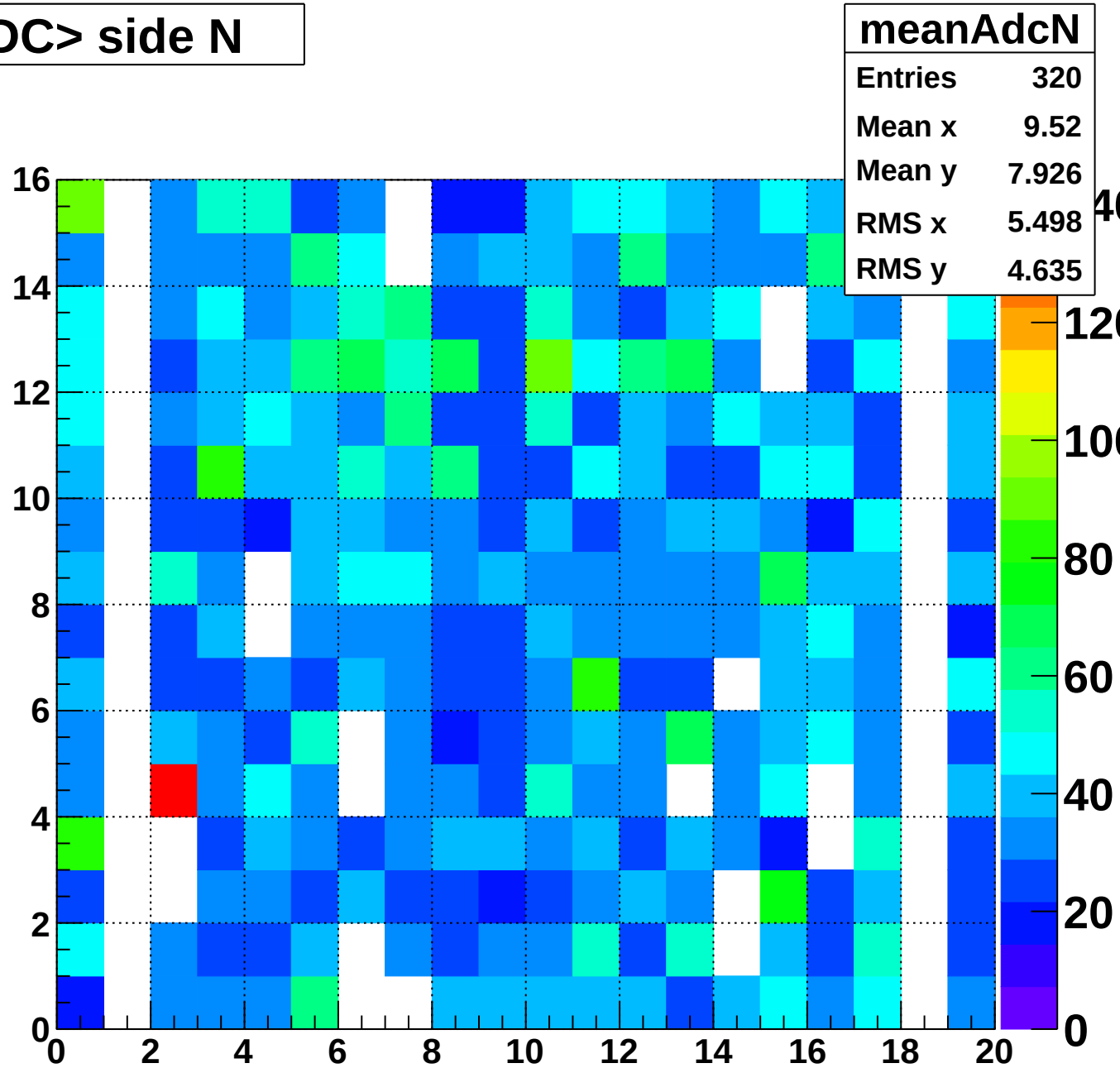
<ADC> side N



2016-05-23 21:27:40